



Statistical Information Package

Updated Q4 2017

Based on new Reporting Segments effective January 1, 2018

^{*} The previously announced organization changes made to our Wealth and Asset Management businesses took effect January 1, 2018 and as a result of the changes, Global Wealth and Asset Management is a new Reporting Segment in 2018

TABLE OF CONTENTS





	Page		Page
Notes to Readers	2	Asset Information	
Financial Highlights	3	Asset Composition and Quality	
Reconciliation of Source of Earnings (new)	5(a)	Portfolio Composition	27
		Fixed Income Securities by Credit Quality and Geographic Location	28
		Fixed Income Securities by Sector and Unrealized Losses	29
Consolidated Financial Statements		•	
Consolidated Statements of Income	9		
Consolidated Statements of Financial Position	10	Actuarial Liabilities Information	
Consolidated Statements of Changes in Equity	11	Variable Annuity and Segregated Fund Guarantees	30
Consolidated Statements of Cash Flows	12	, , ,	
		Capital Information	
Segmented Information		Regulatory Capital	31
Asia	13		
Canada	17		
U.S.	20	Glossary of Terms and Definitions	32
Global Wealth and Asset Management	23	•	
Corporate & Other	26	General Information	33

In addition to introducing Global Wealth and Asset Management ("WAM") as a reporting segment, we also took the opportunity to improve the disclosures as follows:

- We replaced the current MD&A disclosure of Insurance and Other Wealth core earnings by geography with additional lines in the Segmented Information pages. For Canada and U.S., core earnings by business lines were aligned to the previously disclosed information. For Asia, core earnings are disclosed by region Hong Kong, Japan, Other Asia and Regional Office (page 14).
- The definition of WAM now includes the Guaranteed Interest portion of the Canadian retirement business and the entirety of Manulife Securities (there is an offsetting impact to insurance metrics).
- We changed the New Business Value (NBV) methodology for segregated funds to exclude the profits expected to be earned in the WAM businesses.
- We refined the definition of AUMA to include assets from businesses previously reported under Insurance and certain assets for which administrative services are provided and to exclude investments in mutual funds from proprietary segregated fund products in Canada.
- Insurance sales is now defined as Annualized Premium Equivalent ("APE") Sales for all divisions (previously an Asia only term).
- We now reflect the change in actuarial methods and assumptions in the operating segments and not in Corporate and Other. This is a first step in providing additional information for our legacy businesses.
- Improved the SOE line items to be better aligned with our insurance businesses. The notable changes are: (a) introduction of "Source of Earnings Core" (b) Global WAM and Bank on separate SOE lines (c) unallocated corporate overhead on a separate SOE line (d) reduced the New Business Gains in Asia for the China non-controlling interest portion (offset in "Other" reporting line) See page 5(a) of the SIP for additional information.
- We enhanced our disclosures by providing additional constant exchange rate ("CER") percentage changes.

Notes to Readers





Use of this document:

Information in the document is supplementary to the Company's fourth quarter Press Release, MD&A and unaudited financial statements and the most recent Annual Report and should be read in conjunction with those documents.

Performance and Non-GAAP Measures

We use a number of non-GAAP financial measures to measure overall performance and to assess each of our businesses. Non-GAAP measures include premiums and deposits, assets under management and administration, constant exchange rate basis ("CER"), new business value ("NBV"), NBV margin, core earnings (loss), core ROE, Diluted core earning per common share, core EBITDA, total annualized premium equivalents, total weighted premium income, capital, gross flows, net flows and sales. Non-GAAP financial measures are not defined terms under GAAP and, therefore, are unlikely to be comparable to similar terms used by other issuers. Therefore, they should not be considered in isolation or as a substitute for any other financial information prepared in accordance with GAAP.

Reporting Segments (new) are Asia, Canada, U.S., Global Wealth and Asset Management, and Corporate and Other.

Premiums and deposits is a measure of top line growth. The Company calculates premiums and deposits as the aggregate of (i) general fund premiums net of reinsurance, reported as premiums on the Consolidated Statement of Income and investment contract deposits, (ii) premium equivalents for administration only group benefit contracts, (iii) premiums in the Canadian Group Benefit's reinsurance ceded agreement, (iv) segregated fund deposits, excluding seed money, (v) mutual fund deposits, (vi) deposits into institutional advisory accounts, and (vii) other deposits in other managed funds.

Assets under management and administration is a measure of the size of the Company. Assets Under Management include both assets of general account and external client assets for which we provide investment management services. Assets Under Administration include assets for which we provide administrative services only.

The definition we use for capital serves as a foundation of our capital management activities at the MFC level. For regulatory reporting purposes, the numbers are further adjusted for various additions or deductions to capital as mandated by the quidelines used by OSFI. Capital is calculated as the sum of (i) total equity excluding Accumulated Other Comprehensive Income (Loss) on cash flow hedges and (ii) liabilities for preferred shares and capital instruments.

Annualized Premium Equivalent ("APE") Sales (new) are comprised of 100% of regular premiums/deposits sales and 10% of single premiums/deposits sales.

- (i) For individual insurance, APE and Insurance Sales reflect the annualized premium expected in the first year of a policy that requires premium payments for more than one year. Single premium is the lump sum premium from the sale of a single premium product, e.g. travel insurance. Sales are reported gross before the impact of reinsurance.
- (ii) For group insurance, APE and Insurance Sales includes annualized premiums and administrative services only (ASO) premium equivalents on new cases, as well as the addition of new coverages and amendments to contracts, excluding rate increases.
- (iii) For annuities, APE reflect the annualized premium expected in the first year of a policy that requires premium payments for more than one year. This includes certain single premium wealth accumulation products and individual annuities, both fixed and variable.

Annuities Sales are comprised of 100% of all new deposits. This includes certain single premium wealth accumulation products in Asia and individual annuities, both fixed and variable. As we have discontinued sales of new VA contracts in the U.S, beginning in the first guarter of 2013, subsequent deposits into existing U.S VA contracts are not reported as sales.

Gross Flows is a new business measure for Manulife's wealth and asset management ("WAM") businesses and includes all deposits into the Company's retirement, retail, and institutional asset management businesses. Gross flows are a common industry metric for WAM businesses as it provides a measure of how successful the businesses are at attracting assets.

Net flows is presented for our WAM businesses and includes gross flows less redemptions for our retirement, retail and institutional asset management businesses. For our retail businesses, it includes net flows for ETF products. Net flows are a common industry metric for WAM businesses as it provides a measure of how successful the businesses are at attracting and retaining assets.

Core earnings is a non-GAAP profitability measure. It shows what the net income (loss) attributed to shareholders would have been assuming that interest and equity markets performed as assumed in our policy valuation and certain other items had not occurred. It excludes the direct impact of equity markets and interest rates as well as a number of other items that are considered material and exceptional in nature.

Items excluded from core earnings are disclosed at the Reporting Segment level as these items are managed at that level.

Core earnings before income tax, depreciation and amortization ("Core EBITDA") is a non-GAAP profitability measure for our global wealth and asset management business. It shows core earnings adjusted to remove the impacts of amortization and impairment of intangible assets acquired in business combinations. amortization of deferred acquisition costs, interest income and expenses, and income tax. Core EBITDA excludes certain acquisition expenses related to insurance contracts in our retirement businesses which are deferred and amortized over the expected life time of the customer relationship under the Canadian Asset Liability Method (CALM).

New business value ("NBV") is the change in embedded value as a result of sales in the reporting period. NBV is calculated as the present value of shareholders' interests in expected future distributable earnings, after the cost of capital, on actual new business sold in the period using assumptions that are consistent with the assumptions used in the calculation of embedded value. NBV excludes businesses with immaterial insurance risks, such as Manulife's wealth and asset management businesses and Manulife Bank. NBV is a useful metric to evaluate the value created by the Company's new business franchise.

NBV margin is calculated as NBV divided by annualized premium equivalents ("APE") excluding non-controlling interests. APE is calculated as 100% of annualized first year premiums for recurring premium products, and as 10% of single premiums for single premium products. Both NBV and APE used in the NBV margin calculation are after non-controlling interests and exclude wealth and asset management businesses and Manulife Bank. The NBV margin is a useful metric to help understand the profitability of our new business.

Actual exchange rate basis ("AER") (new)

Quarterly amounts stated on an actual exchange rate basis are calculated using actual income statement and statement of financial position exchange rates for the respective periods as appropriate.

Constant exchange rate basis ("CER") (new)

Quarterly amounts stated on a constant exchange rate basis are calculated using Q4 2017 income statement and statement of financial position exchange rates as appropriate.

Core earnings per share is core earnings less preferred share dividends divided by weighted average outstanding common shares.

FINANCIAL HIGHLIGHTS (Canadian \$ in millions unless otherwise stated and per share information, unaudited)							11	Manı	ulife	John	Hancock.
,	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER ¹	2017 Q4 vs. 2016 Q4 CER ² (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER ¹	YTD 2017 vs. YTD 2016 CER ² (new)
Shareholders' Net Income (loss) by Reporting Segment ³											
Asia	260	521	508	545	352	-26%	-21%	1,834	818	124%	128%
Canada	(29)	432	23	128	116	-	-	554	1,349	-59%	-59%
U.S.	(2,898)	322	682	693	(196)	-	nm	(1,201)	518	-	-
Global Wealth and Asset Management (new)	496	206	201	175	172	188%	202%	1,078	615	75%	80%
Corporate and other	565	(376)	(159)	(191)	(381)	-	-	(161)	(371)	-	-
Net income (loss) attributed to shareholders	(1,606)	1,105	1,255	1,350	63	-	-	2,104	2,929	-28%	-31%
Preferred share dividends	(40)	(39)	(39)	(41)	(33)	21%		(159)	(133)	20%	
Common shareholders' net income (loss)	(1,646)	1,066	1,216	1,309	30	-	-	1,945	2,796	-30%	-33%
Common shareholders' net income (loss) CER	(1,646)	1,074	1,140	1,253	8		-	1,821	2,734		-33%
Earnings Analysis											
Core earnings											
Asia	372	374	350	357	341	9%	16%	1,453	1,321	10%	15%
Canada	273	403	278	255	308	-11%	-11%	1,209	1,191	2%	2%
U.S.	463	346	359	441	387	20%	26%	1,609	1,317	22%	25%
Global Wealth and Asset Management (new)	198	216	214	188	186	6%	11%	816	662	23%	26%
Corporate and other (excl. core investment gains)	(201)	(354)	(181)	(186)	(115)	-	-	(922)	(667)	-	-
Core investment gains	100	100	154	46	180	-44%	-44%	400	197	103%	103%
Total core earnings	1,205	1,085	1,174	1,101	1,287	-6%	-2%	4,565	4,021	14%	16%
Total core earnings CER	1,205	1,092	1,123	1,066	1,233		-2%	4,486	3,882		16%
Items excluded from core earnings											
Investment-related experience outside of core earnings	18	11	138	-	-	-		167	-	-	
Direct impact of equity markets and interest rates and variable annuity guarantee liabilities	(68)	47	(37)	267	(1,202)	-		209	(484)	-	
Change in actuarial methods and assumptions	(33)	(2)	-	-	(10)	-		(35)	(453)	-	
Charge related to decision to change portfolio asset mix supporting our legacy businesses	(1,032)	-	-	-	-	-		(1,032)	-	-	
Charge related to U.S. Tax Reform	(1,777)	-	-	-	-	-		(1,777)	-	-	
Other	81	(36)	(20)	(18)	(12)			7	(155)	_	
Net income (loss) attributed to shareholders	(1,606)	1,105	1,255	1,350	63	-	-	2,104	2,929	-28%	-31%

Selected Performance Measures

Selected Fel for marice ivieasures										
Basic earnings (loss) per common share	(\$0.83)	\$0.54	\$0.62	\$0.66	\$0.01	-	\$ 0.98	\$1.42	-31%	
Basic earnings (loss) per common share CER	(\$0.83)	\$0.54	\$0.58	\$0.63	\$0.00	-				
Diluted core earnings per common share	\$0.59	\$0.53	\$0.57	\$0.53	\$0.63	-6%	\$ 2.22	\$1.96	13%	
Diluted earnings (loss) per common share	(\$0.83)	\$0.54	\$0.61	\$0.66	\$0.01	-	\$ 0.98	\$1.41	-30%	
Return on common shareholders' equity (annualized) (%)	(17.1)%	10.8%	12.4%	13.7%	0.3%	-1740 bps	5.0%	7.3%	-230 bps	
Core ROE (annualized) (%)	12.1%	10.6%	11.5%	11.1%	12.9%	-80 bps	11.3%	10.1%	120 bps	

Page 3 FINANCIAL HIGHLIGHTS

¹ AER percentage changes are calculated using actual exchange rates.

² CER percentage changes are calculated on a constant exchange rate basis.

³ Effective January 1, 2018, Global Wealth and Asset Management results are being presented as a separate Reporting Segment. Financial results in Asia, Canada and U.S. include only insurance and insurance based wealth accumulation businesses. In addition, Canada also includes banking services. Prior periods have been restated to conform to this presentation.

FINANCIAL HIGHLIGHTS (CONT'D) (Canadian \$ in millions unless otherwise stated and per share information, unaudited)							111	Manuli	fe	John I	lancock.
,,	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs.	2017 Q4 vs.	YTD 2017	YTD 2016	YTD 2017 vs.	YTD 2017 vs.
						2016 Q4 AER	2016 Q4 CER (new)			YTD 2016 AER	YTD 2016 CER (new)
Earnings Analysis (Pre-tax)											
Core earnings											
Asia	457	463	439	446	405	13%	20%	1,805	1,590	14%	18%
Canada	361	411	350	336	384	-6%	-6%	1,458	1,454	0%	0%
U.S.	645	471	487	621	453	42%	50%	2,224	1,703	31%	33%
Global Wealth and Asset Management (new)	243	245	266	229	207	17%	22%	983	767	28%	30%
Corporate and other (excl. core investment gains)	(280)	(459)	(263)	(288)	(243)	-	-	(1,290)	(1,147)	12%	12%
Core investment gains	96	167	206	53	260	-63%	-63%	522	284	84%	84%
Total core earnings ¹	1,522	1,298	1,485	1,397	1,466	4%	8%	5,702	4,651	23%	25%
Items excluded from core earnings										-	
Investment-related experience outside of core earnings	17	19	184	-	-	-		220	68	224%	
Direct impact of equity markets and interest rates and variable annuity guarantee liabilities	(98)	65	(82)	324	(1,827)	-		209	(722)	-	
Change in actuarial methods and assumptions	(31)	(141)	-	-	(8)	-		(172)	(610)	-72%	
Charge related to decision to change asset mix in legacy business	(1,341)	-	-	-	-	-		(1,341)	-	-	
Charge related to U.S. Tax Reform	(2,245)	-	-	-	-	-		(2,245)	-	-	
Other	151	(123)	(24)	(22)	(12)	-		(18)	(239)	-92%	
Net income attributed to shareholders	(2,025)	1,118	1,563	1,699	(381)	-	-	2,355	3,148	-25%	-28%
¹ Pre-tax Core earnings has been restated for the reclass of participating policyholders tax. See deta Earnings Analysis (Tax Rate)	ils in Reconciliation of	Source of Earnings of	on Page 5(a).								-
Core earnings											
Asia	19%	19%	20%	20%	16%			20%	17%		
Canada	24%	2%	21%	24%	20%			17%	18%		
U.S.	28%	27%	26%	29%	15%			28%	23%		
0.0.	20,0	20	20.0	2,,,,				20.0	2070		

20%

31%

25%

21%

25%

55%

17%

20%

18%

35%

13%

21%

18%

18%

21%

10%

53%

31%

12%

34%

-25%

117%

17%

29%

23%

20%

24%

80%

23%

21%

139%

11%

14%

42%

31%

14%

100% 33%

26%

35%

7%

19%

28%

-4% 21%

-6%

31%

-6%

23%

21%

46%

21%

12%

23%

40%

16%

42%

28%

99%

71%

1%

Global Wealth and Asset Management (new)

Change in actuarial methods and assumptions

Items excluded from core earnings

Charge related to U.S. Tax Reform

Net income attributed to shareholders

Core investment gains

Total core earnings 1

Other

Corporate and other (excl. core investment gains)

Investment-related experience outside of core earnings

Charge related to decision to change asset mix in legacy business

Direct impact of equity markets and interest rates and variable annuity guarantee liabilities

FINANCIAL HIGHLIGHTS - SOURCE OF E	ARNINGS						111	Manuli	fe	John A	lancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD [°] 2016	YTD 2017 vs. YTD 2016 AER	YTD 2017 vs. YTD 2016 CER (new)
Source of Earnings 1,2											
Expected profit from in-force business	932	967	957	939	903	3%	7%	3,795	3,628	5%	6%
Impact of new business	204	184	182	204	145	41%	49%	774	491	58%	66%
Core investment gains	96	167	206	53	260	-63%	-63%	522	284	84%	84%
Experience gains (losses) (excl. core investment gains)	(175)	(254)	(111)	236	(1,687)	-90%	-89%	(304)	(1,815)	-83%	-81%
Management actions and changes in assumptions	(3,388)	(283)	(74)	(42)	(181)	nm	nm	(3,787)	(536)	607%	670%
Earnings on surplus funds	160	189	188	112	12	nm	nm	649	447	45%	51%
Other	53	(35)	16	36	61	-13%	-8%	70	153	-54%	-55%
Insurance (new)	(2,118)	935	1,364	1,538	(487)	-	328%	1,719	2,652	-35%	-39%
Global Wealth and Asset Management (new)	232	234	252	214	190	22%	26%	932	706	32%	34%
Manulife Bank (new)	47	51	43	48	39	21%	20%	189	153	24%	23%
Unallocated overhead ³ (new)	(186)	(102)	(96)	(101)	(123)	51%	52%	(485)	(363)	34%	34%
Income (loss) before income taxes	(2,025)	1,118	1,563	1,699	(381)	-	-	2,355	3,148	-25%	-28%
Income tax (expense) recovery 4	419	(13)	(308)	(349)	444	-6%	-4%	(251)	(219)	15%	4%
Net income attributed to shareholders	(1,606)	1,105	1,255	1,350	63	-	-	2,104	2,929	-28%	-31%
Preferred share dividends	(40)	(39)	(39)	(41)	(33)	21%		(159)	(133)	20%	
Common shareholders' net income	(1,646)	1,066	1,216	1,309	30	-	-	1,945	2,796	-30%	-33%
Expected profit from in-force business CER	932	939	912	890	871		7%	3,673	3,476		6%
Source of Earnings - Core (new)											
Expected profit from in-force business	932	967	957	939	903	3%	7%	3,795	3,628	5%	6%
Impact of new business	204	184	182	204	145	41%	49%	774	491	58%	66%
Core investment gains	96	167	206	53	260	-63%	-63%	522	284	84%	84%
Experience gains (losses) (excl. core investment gains)	(69)	(359)	(196)	(94)	(132)	-48%	-39%	(718)	(629)	14%	15%
Management actions and changes in assumptions	(2)	(16)	(38)	(30)	(4)	-50%	-52%	(86)	(272)	-68%	-69%
Earnings on surplus funds	169	155	118	99	152	11%	18%	541	484	12%	16%
Other	88	5	44	48	15	487%	795%	185	103	80%	59%
Insurance (new)	1,418	1,103	1,273	1,219	1,339	6%	10%	5,013	4,089	23%	25%
Global Wealth and Asset Management (new)	243	245	265	230	206	18%	22%	983	766	28%	30%
Manulife Bank (new)	47	51	43	48	39	21%	20%	189	153	24%	23%
Unallocated overhead 3 (new)	(186)	(101)	(96)	(100)	(118)	58%	56%	(483)	(357)	35%	35%
Core Earnings before income taxes	1,522	1,298	1,485	1,397	1,466	4%	8%	5,702	4,651	23%	25%
Income tax (expense) recovery 4	(317)	(213)	(311)	(296)	(179)	77%	86%	(1,137)	(630)	80%	82%
Total Core Earnings	1,205	1,085	1,174	1,101	1,287	-6%	-2%	4,565	4,021	14%	16%

¹ Per OSFI instructions, the expected profit from in-force business denominated in foreign currencies is translated at the prior quarter's statement of financial position rate. 'Experience gains' includes the adjustment to get to the income statement rate.

Glossary

Glossaly	
Expected profit from in-force business	Formula-driven release of PfADs (Provisions for Adverse Deviations).
Impact of new business	The capitalized value of future profits less PfADs in respect of new business.
Experience gains (losses)	Earnings impact of any differences between actual experience in the current period relative to expected experience implicit in the actuarial liabilities, and differences in current period fee
	income due to market performance.
Management actions and changes in assumptions	Earnings impact of:
	-management initiated actions in the period that generate a non-recurring current period impact.
	-changes in methods and assumptions that impact actuarial liabilities or other liabilities.
Earnings (loss) on surplus funds	Actual investment returns on the Company's surplus (shareholders' equity).
Other	Earnings items not included in any other line of the SOE.
Income taxes	Tax charges to income, consistent with the amount on the statement of income.

² The 'Source of Earnings' lines excludes the portion related to non-controlling interest.

³ Includes overhead expenses from the Corporate and Other reporting segment.

⁴ Income tax (expense) recovery has been restated for the reclass of participating policyholders tax. See details in Reconciliation of Source of Earnings on Page 5(a).

FINANCIAL HIGHLIGHTS - RECONCILIATION OF SOURCE OF EARNINGS (NEW)

(Canadian \$ in millions, unaudited)





Source of Earnings	Previously Reported Total Company 2017	Global WAM	Previously Reported Total Company Excluding Global WAM	Manulife Bank	Global WAM	Change Definition of Global WAM	Other Reclasses ¹	REVISED Total Company 2017
Expected profit from in-force business	5,548	1,526	4,022	(241)	-	(3)	17	3,795
Impact of new business	328	(594)	922	52	-	(42)	(158)	774
Core investment gains	-	-	-	-	-	-	522	522
Experience gains (losses) (excl. core investment gains)	(162)	(7)	(155)	-	-	8	(157)	(304)
Management actions and changes in assumptions	(3,842)	(32)	(3,810)	-	-	21	2	(3,787)
Earnings on surplus funds	674	27	647	-	-	(2)	4	649
Other	(203)	1	(204)	-	-	7	267	70
Insurance (new)	2,343	921	1,422	(189)	-	(11)	497	1,719
Global Wealth and Asset Management (new)	-	-	-	-	921	11	-	932
Manulife Bank (new)	-	-	-	189	-	-	-	189
Unallocated overhead (new)	-	-	-	-	-	-	(485)	(485)
Income (loss) before income taxes	2,343	921	1,422	-	921	-	12	2,355
Income tax (expense) recovery	(239)	143	(382)		143	<u>-</u>	(12)	(251)
Net income attributed to shareholders	2,104	1,064	1,040	-	1,064	-	-	2,104

Other reclasses include reclass of Overhead and Investment division expenses and reclass of minority interest and participating policyholders tax.

FINANCIAL HIGHLIGHTS (CONT'D) Canadian \$ in millions unless otherwise stated and per share information, unau	dited)						ШM	Ianulife		John A	lancock.
ganidati y in millions diffess officiwise stated and per share information, and	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER	YTD 2017 vs. YTD 2016 CER (new)
Annualized Premium Equivalents Sales (new)											
Asia	884	920	923	1,020	824	7%	13%	3,747	3,307	13%	18%
Canada	222	245	524	375	302	-26%	-26%	1,366	978	40%	40%
U.S.	153	135	165	150	159	-4%	1%	603	608	-1%	1%
Total Annualized premium equivalents sales	1,259	1,300	1,612	1,545	1,285	-2%	-5%	5,716	4,893	17%	16%
otal Annualized premium equivalents sales CER	1,259	1,380	1,625	1,611	1,323		-5%	5,875	5,049		16%
nsurance Sales ¹											
Asia	687	731	741	836	678	1%	7%	2,995	2,651	13%	17%
Canada	163	186	458	299	237	-31%	-31%	1,106	693	60%	60%
U.S.	153	135	165	150	159	-4%	1%	603	608	-1%	1%
otal Insurance sales	1,003	1,052	1,364	1,285	1,074	-7%	-3%	4,704	3,952	19%	23%
otal Insurance sales CER	1,003	1,063	1,316	1,257	1,031		-3%	4,639	3,785		23%
Asia Canada Total Annuities sales	1,426 586 2,012	1,281 591 1,872	1,226 657 1,883	1,217 764 1,981	997 653 1,650	43% -10% 22%	53% -10% 20%	5,150 2,598 7,748	4,940 2,852 7,792	4% -10% -1%	10% -10% 1%
	•			,		22%				-1%	
otal Annuities sales CER Annuities sales, including single premium accumulation products, in Asia is com	2,012	1,947	1,882	2,044	1,670	n/donosite cal	20%	7,885	7,808		1%
New Business Value ("NBV") 3	prised of 10076	regulai premiun	is/deposits sair	es and 10070 s	iligie premiui	n/ueposits sai	cs .				
Asia	319	288	268	326	294	9%	15%	1,201	998	20%	25%
Canada ⁴	48	33	52	58	41	17%	17%	191	139	37%	37%
U.S.	16	15	18	2	25	-36%	-23%	51	59	-14%	-3%
otal New business value	383	336	338	386	360	6%	12%	1,443	1,196	21%	25%
otal New business value CER	383	339	324	376	343		12%	1,422	1,139		25%
New Business Value is not calculated for Global Wealth and Asset Management 2017 and 2016 NBV for Canada has been restated to reflect a refinement to the						usiness.					
Global Wealth and Asset Management Gross Flows	0.725	(014	/ / / / /	F 4/2	11 045	220/	2007	27.754	25 070	70/	100/
Asia	8,635	6,914	6,643	5,462	11,245	-23%	-20%		25,879	7%	10%
Canada	5,643	4,412	4,904	6,014	9,118	-38%	-38%		22,474	-7%	-7%
U.S. Total Global Wealth and Asset Management Gross flows	17,965 32,243	15,698 27,024	18,796 30,343	20,883 32,359	17,215 37,578	-14%	10% -11%		69,832 18,185	5% 3%	7% 5%
otal Global Wealth and Asset Management Gross flows Otal Global Wealth and Asset Management Gross flows CER	32,243	27,024	29,062	32,359	36,276	-1470	-11%		14,249	3 70	5%
Global Wealth and Asset Management Net Flows											
Asia	2,298	1,828	1,467	1,043	4,650	-51%	-48%	6,636	8,465	-22%	-17%
	723	905	733	1,364	5,186	-86%	-86%	3,725	9,504	-61%	-61%
Canada	123	903	733	1,304	3,100	0070	0070	3,723	7,304	-0170	0170
Canada U.S.	625	1,444	3,654	2,196	(3,292)	-	-	7,919	(1,487)	-0176	-
						-44%	-44% -44%	7,919 18,280		11%	10%

FINANCIAL HIGHLIGHTS (CONT'D) (Canadian \$ in millions unless otherwise stated and per share information, unaudited)							111	Manu	life	Johns	Hancock.
generalistic di messi	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER	YTD 2017 vs. YTD 2016 CER (new)
Premiums and Deposits - Insurance											
Life, health and annuity premiums and investment deposit contracts	6,934	7,219	6,979	7,040	6,985	-1%		28,172	27,654	2%	
Segregated fund deposits	2,151	1,987	1,939	1,885	1,758	22%		7,962	6,588	21%	
ASO premium equivalents	823	812	812	742	747	10%		3,189	2,956	8%	
Group Benefits ceded	1,095	1,096	1,054	1,038	1,095	0%		4,283	4,693	-9%	
Total Premiums and deposits - Insurance	11,003	11,114	10,784	10,705	10,585	4%	1%	43,606	41,891	4%	3%
Total Premiums and deposits - Insurance CER	11,003	10,940	10,684	10,706	10,946		1%	43,333	41,889		3%
Premiums and Deposits - Global Wealth and Asset Management											
Pension premiums and investment contract deposits	12	11	12	12	11	9%		47	52	-10%	
Segregated fund deposits	6,270	6,187	6,605	7,747	6,489	-3%		26,809	26,542	1%	
Mutual fund deposits	20,999	18,164	19,545	20,669	19,958	5%		79,377	70,779	12%	
Institutional advisory accounts	4,758	2,494	3,983	3,696	10,891	-56%		14,931	19,914	-25%	
Other fund deposits ¹	204	168	198	235	229	-11%		805	898	-10%	
Total Premiums and deposits - Global Wealth and Asset Management	32,243	27,024	30,343	32,359	37,578	-14%	-11%	121,969	118,185	3%	5%
Total Premiums and deposits - Global Wealth and Asset Management CER	32,243	27,382	29,062	31,445	36,276		-11%	120,132	114,249		5%
¹ Other funds include College Savings (529 plan), Privately Managed Accounts and Guaranteed I	nterest Accounts.										
Premiums and Deposits - Corporate & Other	20	47	22	21	23	-13%	-13%	110	88	25%	25%
Assets Under Management and Administration ²											
Asia	91,694	87.095	87,373	85.783	80,691	14%	18%	91,694	80,691	14%	18%
Canada	144,620	142,598	144,903	145,109	142,388	2%	2%	144,620	142,388	2%	2%
U.S.	228,835	224,407	230,327	232,094	231,638	-1%	6%	228,835	231,638	-1%	6%
Global Wealth and Asset Management ³	609,002	584.434	582.698	575.156	554.106	10%	17%	609.002	554.106	10%	17%
Corporate and Other	(2,875)	(2,724)	(4,141)	(4,124)	(4,020)	-28%	-28%	(2,875)	(4,020)	-28%	-28%
Total Assets under management and administration	1,071,276	1,035,810	1,041,160	1,034,018	1,004,803	7%	12%	1,071,276	1,004,803	7%	12%
and administration CER	1,071,276	1,040,186	1,017,183	991,497	960,336		12%	1,071,276	960,336		12%
² Assets under management and administration has been restated to include certain non-affiliate	ed assets for which	administrative se	rvices are provid	ed.	-						
³ Global Wealth and Asset Management AUMA at December 31, 2017 is \$789 billion and include:	s \$180 billion of as	set managed on b	ehalf of other se	gments. (see pag	je 24).						
Assets Under Management and Administration ²											
Assets Under Management											
General fund	334,222	325,106	329,296	328,237	321,869	4%		334,222	321,869	4%	
Segregated funds excluding institutional advisory accounts ³	322,333	315,057	319,254	321,025	313,078	3%		322,333	313,078	3%	
Mutual funds ⁴	191,507	182,123	179,979	175,635	167,685	14%		191,507	167,685	14%	
Institutional asset management	93,089	88,965	88,929	86,591	83,403	12%		93,089	83,403	12%	
montational asset management	73,007	00,700	00,727	00,071	05,705	12/0		73,007	00,700	12.70	

Other funds 5

Total assets under management and administration

Assets under administration

Total assets under management

924,096

117,064

1,041,160

6,638

6,477

917,965

116,053

1,034,018

6,696

892,731

112,072

1,004,803

4%

6%

10%

11%

16%

12%

6,937

948,088

123,188

1,071,276

6,528

917,779

118,031

1,035,810

4%

6%

10%

11%

16%

6,937

948,088

123,188

1,071,276

892,731

112,072

1,004,803

6,696

⁴ Includes ETF assets.

⁵ Other funds includes College Savings (529 plan).

FINANCIAL HIGHLIGHTS (CONT'D) (Canadian \$ in millions unless otherwise stated and per share information, unaudited)						Manulife John Hancock						
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016			
Common Share Statistics												
Share Price - Toronto (in Canadian \$)												
high	27.54	26.11	24.87	25.57	25.42	8%	27.54	25.42	8%			
low	25.15	23.41	22.61	22.39	18.35	37%	22.39	15.32	46%			
close	26.22	25.31	24.31	23.59	23.91	10%	26.22	23.91	10%			
Share Price - New York (in U.S \$)												
high	21.70	20.84	18.95	19.52	19.04	14%	21.70	19.04	14%			
low	20.05	18.64	16.62	16.72	13.97	44%	16.62	10.99	51%			
close	20.86	20.29	18.76	17.74	17.82	17%	20.86	17.82	17%			
Common shares outstanding (millions)												
- end of period	1,978	1,979	1,977	1,977	1,975	0%	1,978	1,975	0%			
- weighted average	1,980	1,978	1,977	1,976	1,974	0%	1,978	1,973	0%			
- diluted weighted average	1,988	1,986	1,984	1,984	1,980	0%	1,986	1,977	0%			
Dividend per common share paid in the quarter ¹	0.205	0.205	0.205	0.205	0.185	11%	0.820	0.740	11%			
Common share dividend payout ratio	nm	38.1%	33.4%	30.8%	nm	nm	83.3%	51.3%	62%			
On February 7, 2018, the Board of Directors approved an increase of 7% or 1.5 cents to the	ne quarterly shareh	nolders' dividend	resulting in a div	idend of 22.0 ce	nts per share o	on the common shar	es of the Compa	iny,				
payable on or after March 19, 2018 to shareholders of record at the close of business on Fe			J		,		Į.	3 ·				
Valuation Data												
Book value per common share	18.93	19.68	20.01	19.89	19.37	-2%	18.93	19.37	-2%			
Market value to book value ratio	1.39	1.29	1.22	1.19	1.23	12%	1.39	1.23	12%			

Book value per common share	18.93	19.68	20.01	19.89	19.37	-2%	18.93	19.37	-2%
Market value to book value ratio	1.39	1.29	1.22	1.19	1.23	12%	1.39	1.23	12%
Book value excluding goodwill per common share	16.04	16.80	17.07	16.92	16.39	-2%	16.04	16.39	-2%
Market value to book value excluding goodwill ratio	1.63	1.51	1.42	1.39	1.46	12%	1.63	1.46	12%
Market capitalization (\$ billions)	51.9	50.1	48.1	46.6	47.2	10%	51.9	47.2	10%
(* 2)									

Capital Information

Total capital ²	50,659	51,780	52,003	52,287	50,235	1%	50,659	50,235	1%
MCCSR - The Manufacturers Life Insurance Company ³	224%	234%	230%	233%	230%	-6 pts	224%	230%	-6 pts

² Total capital includes total equity less AOCI on cash flow hedges and liabilities for preferred shares and capital instruments. Total equity includes unrealized gains and losses on AFS bonds and AFS equities, net of taxes. The net unrealized gain on AFS bonds, net of taxes, is no longer part of OSFI regulatory capital.

Foreign Exchange Information 4

- Statements of Financial Position	(CDN to \$ 1 US)	1.2545	1.2480	1.2977	1.3323	1.3426	-7%
	(CDN to 1 YEN)	0.0111	0.0111	0.0116	0.0120	0.0115	-3%
- Statements of Income	(CDN to \$ 1 US)	1.2712	1.2528	1.3450	1.3238	1.3343	-5%
	(CDN to 1 YEN)	0.0113	0.0113	0.0121	0.0117	0.0122	-8%

⁴ Unless otherwise indicated, information

³ For The Manufacturers Life Insurance Company, the capital ratio has been determined in accordance with the Minimum Continuing Capital & Surplus Requirements (MCCSR) of the Office of the Superintendent of Financial Institutions (Canada).

CONSOLIDATED STATEMENTS OF INCOME (Canadian \$ in millions, unaudited)					11	Manuli	ife	John Hancock		
(conduction of interest of int	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016	
Revenue										
Premium income										
Gross premiums	9,035	9,211	9,030	9,085	9,179	-2%	36,361	36,659	-1%	
Premiums ceded to reinsurers	(2,092)	(1,968)	(2,056)	(2,035)	(2,178)	-4%	(8,151)	(9,027)	-10%	
Net premiums	6,943	7,243	6,974	7,050	7,001	-1%	28,210	27,632	2%	
Investment income	· · · · · · · · · · · · · · · · · · ·		·	•				,		
Investment income ¹	3,579	3,309	3,444	3,317	3.309	8%	13,649	13,390	2%	
Realized/ unrealized gains (losses) on assets supporting insurance and investment contract liabilities and on macro hedge program ¹	2,988	(1,163)	3,303	590	(16,421)	_	5,718	1,134	404%	
Net investment income (loss)	6,567	2,146	6,747	3,907	(13,112)	_	19,367	14,524	33%	
Other revenue	2.737	2,544	2.872	2,593	2,637	4%	10,746	11,181	-4%	
Total revenue	16,247	11,933	16,593	13,550	(3,474)		58,323	53,337	9%	
Contract benefits and expenses	· · · · · · · · · · · · · · · · · · ·		·	•	` ` `			,		
To contract holders and beneficiaries										
Gross claims and benefits	5,807	6,059	6,525	6,603	6,331	-8%	24,994	25,059	0%	
Change in insurance contract liabilities ²	9.919	2,540	6.113	1,451	(11,644)	_	20,023	18,014	11%	
Change in investment contract liabilities	31	47	41	54	12	158%	173	-	_	
Benefits and expenses ceded to reinsurers	(1,887)	(1,901)	(2,218)	(2,152)	(2,025)	-7%	(8,158)	(8,097)	1%	
Change in reinsurance assets	149	(137)	467	1.790	(96)	_	2.269	(842)	_	
Net benefits and claims	14,019	6,608	10,928	7,746	(7,422)		39,301	34,134	15%	
General expenses	1.947	1.794	1,785	1,707	1.834	6%	7,233	6.995	3%	
Investment expenses	495	389	398	391	461	7%	1,673	1,646	2%	
Commissions	1,526	1.475	1,491	1,624	1,556	-2%	6,116	5,818	5%	
Interest expense	295	306	279	259	266	11%	1,139	1,013	12%	
Net premium taxes	88	92	94	86	116	-24%	360	402	-10%	
Total contract benefits and expenses	18,370	10,664	14,975	11,813	(3,189)	-	55,822	50,008	12%	
Income before income taxes	(2,123)	1,269	1,618	1,737	(285)	645%	2,501	3,329	-25%	
Income tax (expense) recovery	424	(13)	(304)	(346)	450	-6%	(239)	(196)	22%	
Net income	(1,699)	1,256	1,314	1,391	165	-	2,262	3,133	-28%	
Less: net income (loss) attributed to non-controlling interests	46	33	61	54	23	100%	194	143	36%	
Less: net income (loss) attributed to participating policyholders	(139)	118	(2)	(13)	79		(36)	61		
Net income attributed to shareholders	(1,606)	1,105	1,255	1,350	63	-	2,104	2,929	-28%	
Preferred share dividends	(40)	(39)	(39)	(41)	(33)	21%	(159)	(133)	20%	
Common shareholders' net income	(1,646)	1,066	1,216	1,309	30	-	1,945	2,796	-30%	

Common shareholders' net income (1,646) 1,066 1,216 1,309 30
The volatility in realized/unrealized gains (losses) on assets supporting insurance and investment contract liabilities relates primarily to the impact of interest rate changes on bond and fixed income derivative positions as well as interest rate swaps supporting the dynamic hedge program and gains and losses on macro equity hedges used as part of our equity risk management program. These items are mostly offset by changes in the measurement of our policy obligations. For fixed income assets supporting insurance and investment contracts, equities supporting pass through products and derivatives related to variable annuity hedging programs, the impact of realized/ unrealized gains (losses) on the assets is largely offset in the change in insurance and investment contract liabilities.

² The volatility in investment income largely related to gains and losses on AFS bonds related to the management of interest rate exposures. These activities in the surplus segment are mostly offset in the measurement of our policy liabilities (see change in insurance contract liabilities).

CONSOLIDATED STATEMENTS OF FINANCIAL POSIT (Canadian \$ in millions, unaudited)	ION	III Man	ulife	John Hancock				
	2017	2017	2017	2017	2016			
	Q4	Q3	Q2	Q1	Q4			
ASSETS								
Invested assets								
Cash and short-term securities	15,965	15,251	15,866	16,011	15,151			
Securities								
Debt securities	174,000	168,476	172,103	171,360	168,622			
Public equities	21,545	20,430	20,741	20,767	19,496			
Loans	44.742	44.420	44 700	44 245	44 102			
Mortgages Private placements	44,742 32,132	44,639 31,033	44,700 31,125	44,245 30,555	44,193 29,729			
Policy loans	5,808	5,739	5,907	5,999	6,041			
Loans to bank clients	1,737	1,735	1,727	1,737	1,745			
Real estate	13,810	13,971	14,102	14,226	14,132			
Other invested assets	24,483	23,832	23,025	23,337	22,760			
Total invested assets	334,222	325,106	329,296	328,237	321,869			
Other assets		1:	. ,	1				
Accrued investment income	2,182	2,128	2,147	2,236	2,260			
Outstanding premiums	1,148	1,055	843	2,230 888	845			
Derivatives	15,569	16,214	18.088	18,320	23,672			
Goodwill and intangible assets	9,840	9,788	9,998	10,085	10,107			
Reinsurance assets	30,359	30,385	31,446	32,784	34,952			
Deferred tax asset	4,569	4,655	4,555	4,442	4,439			
Miscellaneous	7,337	7,068	8,106	8,237	7,360			
Total other assets	71,004	71,293	75,183	76,992	83,635			
Segregated funds net assets	324,307	316,977	321,267	323,118	315,177			
Total assets	729,533	713,376	725,746	728,347	720,681			
LIABILITIES AND EQUITY								
Policy liabilities	204 (05	202 222	000 000	000.047	007.505			
Insurance contract liabilities	304,605	293,228	298,839	298,816	297,505			
Investment contract liabilities	3,126	3,128	3,195	3,249	3,275			
Deposits from bank clients Deferred tax liabilities	18,131 1,281	18,050 1,882	18,238 1,991	18,283 1,792	17,919 1,359			
Derivatives	7,822	8,920	1,991	10,833	1,339			
Other liabilities	14,927	14,171	14,811	14,485	15,596			
Other habilities	349,892	339,379	347,083	347,458	349,805			
Long-term debt	4,784	5,362	5,541	5,661	5,696			
Capital instruments	8,387	7,903	7,630	8,179	7,180			
Segregated funds net liabilities	324,307	316,977	321,267	323,118	315,177			
Total liabilities	687,370	669,621	681,521	684,416	677,858			
Equity								
Issued share capital	2 577	2 577	2 577	2 577	2 5 7 7			
Preferred shares	3,577	3,577	3,577	3,577	3,577			
Common shares Contributed surplus	22,989 277	22,930 286	22,904 287	22,891 287	22,865 284			
Shareholders' retained earnings	10,083	286 12,135	287 11,475	10,665	9,759			
Shareholders' accumulated other comprehensive income (loss)	10,003	12,133	11,475	10,000	9,137			
Pension and other post-employment plans	(364)	(403)	(411)	(416)	(417)			
Available-for-sale securities	179	14	49	(188)	(394)			
Cash flow hedges	(109)	(122)	(148)	(177)	(232)			
Translation of foreign operations and real estate revaluation surplus	4,381	4,104	5,406	6,262	6,390			
Total shareholders' equity	41,013	42,521	43,139	42,901	41,832			
Participating policyholders' equity	221	351	233	235	248			
Non-controlling interests	929	883	853	795	743			
Total equity	42,163	43,755	44,225	43,931	42,823			
Total liabilities and equity	729,533	713,376	725,746	728,347	720,681			

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (Canadian \$ in millions, unaudited)			III M	anulii	fe /	JohnIk	ancock
Countries of the millions, disease of	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	YTD 2017	YTD 2016
Preferred shares							
Balance, beginning of period Issued	3,577	3,577	3,577	3,577	3,110 475	3,577	2,693 900
Issuance costs, net of tax	-		-	-	(8)	-	(16)
Balance, end of period	3,577	3,577	3,577	3,577	3,577	3,577	3,577
Common shares Balance, beginning of period	22,930	22,904	22,891	22,865	22,819	22,865	22,799
Issued on exercise of stock options and deferred share units	59	22,904	13	22,803	46	124	66
Issued in exchange of subscription receipts Balance, end of period	22,989	22,930	22,904	22,891	22,865	22,989	22,865
	22,707	22,750	22,704	22,071	22,003	22,707	22,003
Contributed surplus Balance, beginning of period	286	287	287	284	289	284	277
Exercise of stock options and deferred share units	(11)	(4)	(2)	(5)	(9)	(22)	(13)
Stock option expense Balance, end of period	<u>2</u> 277	3 286	2 287	8 287	284	15 277	20 284
·							
Shareholders' retained earnings Balance, beginning of period	12,135	11,475	10,665	9,759	10,096	9,759	8,398
Net income attributed to shareholders	(1,606)	1,105	1,255	1,350	63	2,104	2,929
Preferred share dividends Common share dividends	(40) (406)	(39) (406)	(39) (406)	(41) (403)	(33) (367)	(159) (1,621)	(133) (1,435)
Balance, end of period	10,083	12,135	11,475	10,665	9,759	10,083	9,759
Shareholders' accumulated other comprehensive income (loss)							
Balance, beginning of period	3,593	4,896	5,481	5,347	6,105	5,347	6,992
Other comprehensive income (loss) Remeasurement of pension and other post-employment plans, net of tax expense of \$4	39	8	5	1	90	53	104
Real estate revaluation reserve, net of tax expense of nil	20	-	-	-	-	20	-
Available-for-sale ("AFS") securities unrealized gains (losses), net of tax recovery of \$13 AFS securities realized losses (gains) & impairments (recoveries), net of tax expense of \$6	197 (32)	(23) (12)	233 4	197 8	(1,060) (6)	604 (32)	(216) (523)
Cash flow hedges unrealized gains (losses), net of tax expense of \$12	8	23	26	53	156	110	21
Cash flow hedges realized (gains) losses, net of tax expense of \$1 Unrealized foreign exchange gains (losses), net of \$170 hedges and tax expense of \$43	5 257	3 (1,302)	3 (856)	2 (128)	3 59	13 (2,029)	11 (1,042)
Share of other comprehensive income (loss) of associates, net of tax expense of nil	-		<u> </u>	<u> </u>	-	1	-
Balance, end of period	4,087	3,593	4,896	5,481	5,347	4,087	5,347
Total shareholders' equity, end of period	41,013	42,521	43,139	42,901	41,832	41,013	41,832
Participating policyholders' equity							
Balance, beginning of period	351	233	235	248	169	248	187
Net income (loss) attributed to participating policyholders Other comprehensive income attributed to participating policyholders	(139) 9	118	(2)	(13)	79	(36) 9	61
Balance, end of period	221	351	233	235	248	221	248
Non-controlling interests							
Balance, beginning of period	883	853	795	743	727	743	592
Net income (loss) attributed to non-controlling interests Other comprehensive income (loss) attributed to non-controlling interests	46 (2)	33	61	54	23 (3)	194 (2)	143 (2)
Contributions (distributions), net	2	(3)	(3)	(2)	(4)	(6)	10
Balance, end of period	929	883	853	795	743	929	743
Total equity, and of period	42,163	43,755	44,225	43,931	42,823	42,163	12 022
Total equity, end of period	42,103	43,733	44,223	43,731	42,023	42,103	42,823

CONSOLIDATED STATEMENTS OF CASH FLOWS (Canadian \$ in millions, unaudited)					ľ	II Manu	llife	John Hancoo		
, and the second	2017	2017	2017	2017	2016	2017 Q4	YTD	YTD	YTD 2017	
	Q4	Q3	Q2	Q1	Q4	vs. 2016 Q4	2017	2016	vs. YTD 2016	
Operating activities										
Net income (loss)	(1,699)	1,256	1,314	1,391	165	-	2,262	3,133	-28%	
Adjustments	. , ,			, -			, ,			
Increase (decrease) in insurance contract liabilities	9,919	2,540	6,113	1,451	(11,644)	-	20,023	18,014	11%	
Increase (decrease) in investment contract liabilities	31	47	41	54	12	158%	173	-	-	
Decrease (increase) in reinsurance assets	149	(137)	467	1,790	(96)	-	2,269	(842)		
Amortization of premium/discount on invested assets	52	102	41	35	37	41%	230	78	195%	
Other amortization	155	140	134	131	144	8%	560	693	-19%	
Net realized (gains) losses, including impairments on assets	(3,226)	782	(3,516)	(1,228)	17,368	-	(7,188)	(2,804)	156%	
Deferred income tax expense (recovery)	(676)	(220)	(24)	589	(578)	17%	(331)	(235)	41%	
Stock option expense	2	3	2	8	3	-33%	15	19	-21%	
Cash provided by operating activities before undernoted items	4,707	4,513	4,572	4,221	5,411	-13%	18,013	18,056	0%	
Changes in policy related and operating receivables and payables	429	86	299	(1,036)	(584)		(222)	(1,039)	-79%	
Cash provided by operating activities	5,136	4,599	4,871	3,185	4,827	6%	17,791	17,017	5%	
Investing activities							-			
Purchases and mortgage advances	(19,669)	(23,689)	(22,500)	(21,366)	(22,936)	-14%	(87,224)	(104,059)	-16%	
Disposals and repayments	15,642	18,616	18,716	17,746	17,045	-8%	70,720	82,001	-14%	
Changes in investment broker net receivables and payables	33	28	32	134	(217)	-115%	227	(186)	-I	
Net cash decrease from sale and purchase of subsidiaries and businesses	-	-	(10)	-	(392)	-1	(10)	(495)	-98%	
Cash provided by (used in) investing activities	(3,994)	(5,045)	(3,762)	(3,486)	(6,500)	-39%	(16,287)	(22,739)	-28%	
Financing activities		*	*	•	<u></u>					
Increase (decrease) in repurchase agreements and securities sold but not yet purchased	(281)	251	(152)	153	(791)	-64%	(29)	(23)	26%	
Issue of long-term debt, net	(201)	251	(132)	-	361	-100%	(27)	3,899	-100%	
Redemption of long-term debt, net	(600)	(7)	-	-	(150)	300%	(607)	(158)	284%	
Issue (redemption) of capital instruments, net	469	346	(499)	994	(949)	30070	1,310	(470)	20470	
Changes in deposits from bank clients, net	85	(166)	(36)	378	(355)		261	(157)	1 1	
Shareholder dividends paid in cash	(446)	(445)	(445)	(444)	(400)	12%	(1,780)	(1,593)	12%	
NCI dividends paid in cash	1	-	(1)	-	(100)	1270	-	(2)	1270	
Secured borrowings from securitization transactions	98	202	250	191	125	-22%	741	847	-13%	
Contributions from (distributions to) non-controlling interest, net	1	(3)	(2)	(2)	(4)	22,0	(6)	12	1075	
Common shares issued, net	59	26	13	26	46	28%	124	66	88%	
Preferred shares issued, net	-	-	-	-	467	-100%	-	884	-100%	
Cash provided by (used in) financing activities	(614)	204	(872)	1,296	(1,650)	-63%	14	3,305	-100%	
Cash and short-term securities	ν/		ζ- : -/	,=	. //		<u> </u>	-,		
Increase (decrease) during the period	528	(242)	237	995	(3,323)	-	1,518	(2,417)	-	
Effect of foreign exchange rate changes on cash and short-term securities	60	(408)	(285)	(25)	47	28%	(658)	(347)	90%	
Balance, beginning of period	14,510	15,160	15,208	14,238	17,514	-17%	14,238	17,002	-16%	
Balance, end of period	15,098	14,510	15,160	15,208	14,238	6%	15,098	14,238	6%	
Cash and short-term securities					<u>"</u>					
Beginning of period										
Gross cash and short-term securities	15,251	15,866	16,011	15,151	18,179	-16%	15,151	17,885	-15%	
Net payments in transit, included in other liabilities	(741)	(706)	(803)	(913)	(665)	11%	(913)	(883)	3%	
Net cash and short-term securities, beginning of period	14,510	15,160	15,208	14,238	17,514	-17%	14,238	17,002	-16%	
End of period	.,	-,	-,	.,	,		,		13.3	
Gross cash and short-term securities	15,965	15,251	15,866	16,011	15,151	5%	15,965	15,151	5%	
Net payments in transit, included in other liabilities	(867)	(741)	(706)	(803)	(913)	-5%	(867)	(913)	-5%	
Net cash and short-term securities, end of period	15,098	14,510	15,160	15,208	14,238	6%	15,098	14,238	6%	

ASIA (U.S. \$ in millions, unless otherwise stated, unaudited)						III Man	nulife John Hance		
(e.s. v in millions, diffess otherwise stated, diadated)	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016
Statements of Income ¹									
Revenue									
Premium income									
Gross premiums	3,120	3,245	2,988	3,147	2,879	8%	12,500	12,084	3%
Premiums ceded to reinsurers	(116)	(21)	(114)	(133)	(111)	5%	(384)	(327)	17%
Investment income	407	400	389	347	415	-2%	1,543	1,378	12%
Other revenue	239	112	207	161	288	-17%	719	780	-8%
Subtotal revenue	3,650	3,736	3,470	3,522	3,471	5%	14,378	13,915	3%
Realized/ unrealized gains on invested assets supporting insurance									
and investment contract liabilities ²	368	268	569	358	(1,486)	-	1,563	212	637%
Total revenue	4,018	4,004	4,039	3,880	1,985	102%	15,941	14,127	13%
Contract benefits and expenses									
To contract holders and beneficiaries									
Gross benefits and claims paid and change in insurance contract liabilities ²	2,923	2,600	2,779	2,555	884	231%	10,857	10,534	3%
Ceded benefits and expenses and change in reinsurance assets	(50)	(43)	(101)	(52)	(58)	-14%	(246)	(317)	-22%
Change in investment contract liabilities	-	-	-	-	-	-	-	(102)	-
General expenses	417	389	377	346	361	16%	1,529	1,348	13%
Investment expenses	27	23	20	21	20	35%	91	73	25%
Commissions	434	440	417	426	393	10%	1,717	1,487	15%
Other	39	37	37	37	35	11%	150	137	9%
Total contract benefits and expenses	3,790	3,446	3,529	3,333	1,635	132%	14,098	13,160	7%
Income (loss) before income taxes	228	558	510	547	350	-35%	1,843	967	91%
Income tax (expense) recovery	(67)	(82)	(83)	(80)	(65)	3%	(312)	(197)	58%
Net income (loss)	161	476	427	467	285	-44%	1,531	770	99%
Less net income (loss) attributed to non-controlling interests	35	25	45	40	14	150%	145	105	38%
Less net income (loss) attributed to participating policyholders	(79)	35	5	15	7	_	(24)	46	
Net income (loss) attributed to shareholders	205	416	377	412	264	-22%	1,410	619	128%
Net income (loss) attributed to shareholders CER	205	414	377	415	260	-21%	1,411	618	128%

The 2017 Net income (loss) attributed to shareholders includes the impact of change in actuarial methods and assumptions of \$132 million and excludes the results of Asia Wealth and Asset Management businesses of \$139 million.

Page 13 ASIA

² For fixed income assets supporting insurance and investment contract liabilities, equities supporting pass through products and derivatives related to variable annuity hedging programs, the impact of realized/unrealized gains (losses) on the assets is largely offset in the change in actuarial liabilities, included in contract benefits. The gains (losses) primarily relate to fair value movements on bonds and derivatives.

ASIA (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)							III I	Aanuli	fe	John Hancock		
(2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER ¹	2017 Q4 vs. 2016 Q4 CER ² (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER ¹	YTD 2017 vs. YTD 2016 CER ² (new)	
Earnings Analysis ³											•	
Hong Kong (new)	140	125	104	102	115	22%	22%	471	442	7%	7%	
Japan (new)	103	112	109	116	80	29%	34%	440	371	19%	22%	
Asia Other (new)	82	92	85	88	78	5%	4%	347	274	27%	30%	
Regional Office (new)	(32)	(31)	(38)	(36)	(17)	88%	88%	(137)	(90)	52%	52%	
Total Core earnings (loss)	293	298	260	270	256	14%	16%	1,121	997	12%	15%	
Total Core earnings CER	293	296	260	273	253		16%	1,122	979		15%	
Items excluded from core earnings												
Investment-related experience outside of core earnings	49	39	46	52	56	-13%		186	69	170%		
Direct impact of equity markets and interest rates and												
variable annuity guarantee liabilities	(110)	(49)	71	90	(12)	817%		2	(326)	-		
Change in actuarial methods and assumptions	4	128	-	-	(30)	-		132	(122)	-		
Other	(31)	-	-	-	(6)	417%		(31)	1	-		
Net income (loss) attributed to shareholders	205	416	377	412	264	-22%	-21%	1,410	619	128%	128%	
Source of Earnings - Core 4 (new)					•				·			
Expected profit from in-force business	195	189	182	175	179	9%	10%	741	703	5%	7%	
Impact of new business	142	152	125	145	100	42%	42%	564	369	53%	56%	
Experience gains (losses)	(42)	(29)	(36)	(34)	(16)	163%	155%	(141)	(72)	96%	95%	
Management actions and changes in assumptions	-		-	-	-	-		-	20	-100%	-100%	
Earnings on surplus funds	27	27	28	26	24	13%	14%	108	95	14%	15%	
Other	38	29	27	26	16	138%	124%	120	85	41%	43%	
Core earnings before income taxes	360	368	326	338	303	19%	20%	1,392	1,200	16%	18%	
Income tax (expense) recovery	(67)	(70)	(66)	(68)	(47)	43%	42%	(271)	(203)	33%	37%	
Total Core earnings	293	298	260	270	256	14%	16%	1,121	997	12%	15%	

¹ AER percentage changes are calculated using actual exchange rates.

Page 14 ASIA (CONT'D)

² CER percentage changes are calculated on a constant exchange rate basis.

³ The 2017 Net income (loss) attributed to shareholders includes the impact of change in actuarial methods and assumptions of \$132 million and excludes the results of Asia Wealth and Asset Management businesses of \$139 million.

The 2017 Core Earnings excludes the results of Asia Wealth and Asset Management businesses of \$162 million.

 $^{^4\,\}mathrm{The}$ 'Source of Earnings - Core' lines excludes the portion related to non-controlling interest.

ASIA (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)							III N	⁄Ianuli	fe	JohnIk	ancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER	YTD 2017 vs. YTD 2016 CER (new)
Annualized Premium Equivalents Sales											
Hong Kong	172	152	125	135	143	21%	21%	584	496	18%	18%
Japan	220	257	293	332	233	-6%	-3%	1,102	1,019	8%	12%
Asia Other	304	325	268	304	242	26%	24%	1,201	983	22%	24%
Total Annualized premium equivalents sales	696	734	686	771	618	13%	13%	2,887	2,498	16%	18%
Total Annualized premium equivalents sales CER	696	731	687	781	614		13%	2,895	2,455		18%
Insurance Sales											
Hong Kong	135	117	97	117	127	6%	6%	466	465	0%	0%
Japan	125	161	206	236	156	-20%	-17%	728	632	15%	19%
Asia Other	281	305	248	279	224	25%	23%	1,113	905	23%	25%
Total Insurance sales	541	583	551	632	507	7%	7%	2,307	2,002	15%	17%
Total Insurance sales CER	541	582	552	641	506		7%	2,316	1,976		17%
Annuities Sales											
Hong Kong	373	350	276	178	132	183%	183%	1,177	204	477%	477%
Japan	506	482	431	494	422	20%	24%	1,913	2,731	-30%	-28%
Asia Other	243	190	204	248	193	26%	26%	885	791	12%	15%
Total Annuities sales	1,122	1,022	911	920	747	50%	53%	3,975	3,726	7%	10%
Total Annuities sales CER	1,122	1,014	906	929	733		53%	3,971	3,612		10%
New Business Value (NBV)											
Hong Kong	119	94	64	70	98	21%	21%	347	278	25%	25%
Japan	61	60	71	107	60	2%	7%	299	260	15%	19%
Asia Other	71	75	65	69	63	13%	12%	280	216	30%	32%
Total NBV	251	229	200	246	221	14%	15%	926	754	23%	25%
Total NBV CER	251	228	200	249	219		15%	928	742		25%
New Business Value (NBV) Margin ¹											
Hong Kong	68.8%	62.0%	51.0%	52.1%	68.8%			59.4%	56.2%		
Japan	28.1%	23.1%	24.3%	32.2%	25.6%			27.1%	25.5%		
Asia Other	25.9%	26.7%	27.7%	28.4%	29.5%			27.1%	25.1%		
Total NBV margin	37.7%	33.2%	30.6%	34.7%	37.5%			34.1%	31.7%		
Total NBV margin CER	37.7%	33.2%	30.7%	34.6%	37.6%			34.1%	31.8%		
1											

¹ Margins are calculated using annualized premium equivalent (APE) excluding non-controlling interest. APE is calculated as 100% of annualized first year premiums for recurring premium products, and as 10% of single premiums for single premium products. Both NBV and APE used in the margin are calculated after non-controlling interest.

Page 15 ASIA (CONT'D)

ASIA (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)							111	Manul	ife	John I	lancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER	YTD 2017 vs. YTD 2016 CER (new)
Premiums and Deposits											
Premiums and investment contract deposits	3,006	3,224	2,876	3,014	2,769	9%		12,120	11,759	3%	
Segregated fund and other deposits	838	740	626	519	504	66%		2,723	1,696	61%	
Total Premiums and deposits	3,844	3,964	3,502	3,533	3,273	17%	18%	14,843	13,455	10%	12%
Total Premiums and deposits CER	3,844	3,944	3,504	3,578	3,258		18%	14,870	13,235		12%
Premiums and Deposits by Business Units						. <u></u>					
Hong Kong	1,257	1,157	1,053	886	922	36%	36%	4,353	3,101	40%	40%
Japan	1,285	1,474	1,253	1,442	1,163	10%	14%	5,454	5,932	-8%	-5%
Asia Other	1,302	1,333	1,196	1,205	1,188	10%	7%	5,036	4,422	14%	15%
Total Premiums and deposits	3,844	3,964	3,502	3,533	3,273	17%	18%	14,843	13,455	10%	12%
·											
Total weighted premium income (TWPI)											
Hong Kong	864	794	756	707	734	18%	18%	3,121	2,684	16%	16%
Japan	952	1,069	990	1,136	903	5%	9%	4,147	3,818	9%	12%
Asia Other	865	825	742	741	727	19%	17%	3,173	2,556	24%	26%
TWPI TWPI CER	2,681 2,681	2,688 2,672	2,488 2,486	2,584 2,610	2,364 2,347	13%	14% 14%	10,441 10,449	9,058 8,905	15%	17% 17%
	2,001	2,072	2,100	2,010	2,017		1170	10,117	0,700		1770
Assets Under Management	F0 000	FF 2//	F2 000	F0 100	47, 400	2504		F0.000	47, 400	2504	
General fund	58,009	55,266	52,908	50,199	46,423	25%		58,009	46,423	25%	
Segregated funds	15,074 73,083	14,537	14,432 67,340	14,182 64,381	13,659 60,082	10%	18%	15,074 73,083	13,659 60,082	10%	100/
Total Assets under management Total Assets under management and administration CER	73,083	69,803 70,048	67,674	64,656	61,815	22%	18%	73,083	61,815	22%	18% 18%
	73,003	70,040	07,074	04,030	01,013		1070	73,003	01,013		1070
Number of Agents Hong Kong	7.725	6.993	6.950	6.894	7,235	7%		7,725	7,235	7%	
Japan	2,363	2,324	2,300	2,308	2,353	0%		2,363	2,353	0%	
Asia Other	60,303	62,014	60.492	58,798	58,026	4%		60,303	58,026	4%	
Total Number of Agents	70,391	71,331	69,742	68,000	67,614	4%		70,391	67,614	4%	
									· · · · · · · · · · · · · · · · · · ·	·	
Canadian \$ in millions - Key Metrics	372	274	250	257	241	9%	140/	1 452	1 221	100/	150/
Core earnings (new)		374	350	357	341	9%	16%	1,453	1,321	10%	15%
Items excluded from core earnings (new)	(112) 260	147 521	158 508	188 545	11	- -26%	210/	381	(503) 818	- 124%	128%
Net income (loss) attributed to shareholders	260 884	521 920	508 923		352	-26% 7%	-21%	1,834			
Annualized Premium Equivalents Sales (new) Insurance Sales	884 687	920 731	923 741	1,020 836	824	7% 1%	13% 7%	3,747	3,307	13%	18% 17%
Annuities Sales		731 1,281			678 997	43%	7% 53%	2,995 5,150	2,651	13%	
	1,426 319		1,226	1,217		43% 9%		· ·	4,940 998	4%	10%
New Business Value (NBV) (new)		288 4,966	268 4,708	326	294 4,366	9% 12%	15% 18%	1,201 19,238	998 17,829	20% 8%	25% 12%
Premiums and Deposits Assets Under Management	4,885 91,694	4,966 87,095	4,708 87,373	4,679 85,783	80,691	14%	18%	91,694	80,691	8% 14%	12%
Assets Under Management	71,074	01,090	01,313	00,703	00,091	1470	1670	71,074	00,091	1470	1070

Page 16 ASIA (CONT'D)

CANADA (Canadian \$ millions, unaudited)					1	Manul Manul	life	John Hancock		
(Canadian 3 millions, unaddited)	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016	
Statements of Income ¹										
Revenue										
Premium income										
Gross premiums	2,585	2,508	2,516	2,515	2,652	-3%	10,124	10,708	-5%	
Premiums ceded to reinsurers	(1,366)	(1,390)	(1,311)	(1,292)	(1,391)	-2%	(5,359)	(5,736)	-7%	
Investment income	1,030	975	983	970	1,075	-4%	3,958	3,936	1%	
Other revenue	468	441	539	414	450	4%	1,862	2,111	-12%	
Subtotal revenue	2,717	2,534	2,727	2,607	2,786	-2%	10,585	11,019	-4%	
Realized/ unrealized gains on invested assets supporting insurance										
and investment contract liabilities ²	1,549	(1,759)	478	334	(4,598)	-	602	316	91%	
Total revenue	4,266	775	3,205	2,941	(1,812)	-	11,187	11,335	-1%	
Contract benefits and expenses										
To contract holders and beneficiaries										
Gross benefits and claims paid and change in insurance contract liabilities ²	4,578	(674)	3,418	2,934	(1,768)	-	10,256	10,797	-5%	
Ceded benefits and expenses and change in reinsurance assets	(1,067)	130	(968)	(964)	(1,093)	-2%	(2,869)	(4,495)	-36%	
Change in investment contract liabilities	8	7	8	12	9	-11%	35	38	-8%	
General expenses	345	331	348	330	383	-10%	1,354	1,400	-3%	
Investment expenses	92	87	87	85	87	6%	351	335	5%	
Commissions	300	274	253	342	337	-11%	1,169	1,199	-3%	
Other	155	114	115	118	136	14%	502	503	0%	
Total contract benefits and expenses	4,411	269	3,261	2,857	(1,909)	-	10,798	9,777	10%	
Income (loss) before income taxes	(145)	506	(56)	84	97	-	389	1,558	-75%	
Income tax (expense) recovery ³	77	<u> </u>	70	11	89	-13%	159	(208)	-	
Net income (loss)	(68)	507	14	95	186	-	548	1,350	-59%	
Less: net income (loss) attributed to participating policyholders	(39)	75	(9)	(33)	70	-	(6)	1	-	
Net income (loss) attributed to shareholders	(29)	432	23	128	116		554	1,349	-59%	

The 2017 Net income (loss) attributed to shareholders includes the impact of change in actuarial methods and assumptions of \$36 million and excludes the results of Canada Wealth and Asset Management businesses of \$239 million.

Page 17 CANADA

² For fixed income assets supporting insurance and investment contract liabilities, equities supporting pass through products and derivatives related to variable annuity hedging programs, the impact of realized/unrealized gains (losses) on the assets is largely offset in the change in actuarial liabilities, included in contract benefits.

³ Income tax (expense) recovery has been restated for the reclass of participating policyholders tax. See details in Reconciliation of Source of Earnings on Page 5(a).

CANADA (CONT'D) (Canadian \$ millions, unaudited)			11	Manul	ife	John Hancock			
	2017 Q4	2017 Q3	2017 Q2	2017 Ω1	2016 Q4	2017 Q4 vs.	YTD 2017	YTD 2016	YTD 2017 vs.
	Q4	<u>Q3</u>	Q2	<u> </u>	Q4	vs. 2016 Q4	2017	2010	VS. YTD 2016
Earnings Analysis ¹ (new)									
Insurance	171	252	167	145	219	-22%	735	791	-7%
Annuities	67	114	79	74	60	12%	334	286	17%
Manulife Bank	35	37	32	36	29	21%	140	114	23%
Total core earnings (loss)	273	403	278	255	308	-11%	1,209	1,191	2%
Items excluded from core earnings									
Investment-related experience outside of core earnings	76	(125)	(12)	(38)	17	347%	(99)	(112)	-12%
Direct impact of equity markets and interest rates and									
variable annuity guarantee liabilities ²	(21)	115	(238)	(83)	(266)	-92%	(227)	270	-
Change in actuarial methods and assumptions	(7)	43	-	-	68	-	36	31	16%
Charge related to decision to change asset mix in legacy business	(343)	-	-	-	-	-	(343)	-	-
Other	(7)	(4)	(5)	(6)	(11)	-36%	(22)	(31)	-29%
Net income (loss) attributed to shareholders	(29)	432	23	128	116	-	554	1,349	-59%

¹ The 2017 Net income (loss) attributed to shareholders includes the impact of change in actuarial methods and assumptions of \$36 million and excludes the results of Canada Wealth and Asset Management businesses of \$239 million. The 2017 Core Earnings excludes the results of Canada Wealth and Asset Management businesses of \$256 million.

Source of Earnings - Core (new)

Expected profit from in-force business	258	262	262	256	243	6%	1,038	982	6%
Impact of new business	(1)	(11)	(20)	-	(15)	-93%	(32)	(64)	-50%
Experience gains (losses)	(40)	15	(31)	(61)	3	-	(117)	(36)	225%
Management actions and changes in assumptions	-	-	-	-	27	-100%	-	53	-100%
Earnings on surplus funds	92	92	91	92	87	6%	367	351	5%
Other	5	2	5	1	-	_	13	15	-13%
Insurance	314	360	307	288	345	-9%	1,269	1,301	-2%
Manulife Bank	47	51	43	48	39	21%	189	153	24%
Core Earnings before income taxes	361	411	350	336	384	-6%	1,458	1,454	0%
Income tax (expense) recovery ³	(88)	(8)	(72)	(81)	(76)	16%	(249)	(263)	-5%
Total Core Earnings	273	403	278	255	308	-11%	1,209	1,191	2%

³ Income tax (expense) recovery has been restated for the reclass of participating policyholders tax. See details in Reconciliation of Source of Earnings on Page 5(a).

Page 18 CANADA (CONT'D)

² Segregated fund products include guarantees. These products are also referred to as variable annuities.

CANADA (CONT'D) (Canadian \$ millions, unaudited)					I	Manu	life	John I	lancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016
Annualized Premium Equivalents Sales (new)									
Individual Insurance	67	66	67	91	125	-46%	291	354	-18%
Group Insurance	96	120	391	208	112	-14%	815	339	140%
Annuities	59	59	66	76	65	-9%	260	285	-9%
Total Sales	222	245	524	375	302	-26%	1,366	978	40%
Annuities Sales ¹									
Retail segregated fund products ²	550	532	596	719	589	-7%	2,397	2,503	-4%
Fixed Products	36	59	61	45	64	-44%	201	349	-42%
Total Annuities Sales	586	591	657	764	653	-10%	2,598	2,852	-10%
Premiums and Deposits	1 220	1 1 1 1	1 220	1 224	1.2/0	204	4.024	F 000	50/
Premiums and investment contract deposits	1,229	1,141	1,230	1,234	1,268	-3%	4,834	5,082	-5%
Segregated fund deposits	551	532	598	719	590	-7%	2,400	2,507	-4%
ASO premium equivalents	823	812	811	743	747	10%	3,189	2,956	8%
Group Insurance ceded premiums	1,095	1,096	1,054	1,038	1,095	0%	4,283	4,693	-9%
Total premiums and deposits	3,698	3,581	3,693	3,734	3,700	0%	14,706	15,238	-3%
Premiums and Deposits by Business									
Individual Insurance	930	811	871	878	898	4%	3,490	3,419	2%
Group Insurance	2,181	2,179	2,164	2,091	2,148	2%	8,615	8,962	-4%
Annuities	587	591	658	765	654	-10%	2,601	2,857	-9%
Total premiums and deposits	3,698	3,581	3,693	3,734	3,700	0%	14,706	15,238	-3%
Assets Under Management									
General funds, excluding Manulife Bank net lending assets	87,733	86,252	88,659	88,944	86,780	1%	87,733	86,780	1%
Manulife Bank net lending assets	20,427	20,090	19,839	19,618	19,455	5%	20,427	19,455	5%
Segregated funds	36,460	36,256	36,405	36,547	36,153	1%	36,460	36,153	1%
Total assets under management	144,620	142,598	144,903	145,109	142,388	2%	144,620	142,388	2%
Manulife Bank Average Net Lending Assets (new)	20,258	19,965	19,729	19,537	19,480	4%	19,941	19,403	3%

Page 19 CANADA (CONT'D)

U.S. (U.S. \$ in millions, unless otherwise stated, unaudited)					11	Manu	life	John	Hancock.
(o.o. with millions, unless otherwise stated, undutited)	2017	2017	2017	2017	2016	2017 Q4	YTD	YTD	YTD 2017
	Q4	Q3	Q2	Q1	Q4	vs.	2017	2016	vs.
						2016 Q4			YTD 2016
Statements of Income ¹									
Revenue									
Premium income									
Gross premiums	1,945	2,073	1,843	1,806	1,999	-3%	7,667	7,444	3%
Premiums ceded to reinsurers	(462)	(446)	(444)	(434)	(483)	-4%	(1,786)	(2,157)	-17%
Investment income	1,501	1,430	1,381	1,377	1,433	5%	5,689	5,265	8%
Other revenue	544	602	595	600	423	29%	2,341	2,286	2%
Subtotal revenue	3,528	3,659	3,375	3,349	3,372	5%	13,911	12,838	8%
Realized/ unrealized gains (losses) on invested assets supporting insurance									
and investment contract liabilities ²	806	239	1,585	(135)	(7,241)	-	2,495	790	216%
Total revenue	4,334	3,898	4,960	3,214	(3,869)	-	16,406	13,628	20%
Contract benefits and expenses									
To contract holders and beneficiaries									
Gross benefits and claims paid and change in insurance contract liabilities ²	5,847	4,614	4,073	1,466	(3,530)	-	16,000	13,693	17%
Ceded benefits and expenses and change in reinsurance assets	(473)	(1,705)	(487)	352	(709)	-33%	(2,313)	(3,096)	-25%
Change in investment contract liabilities	12	11	12	12	12	0%	47	49	-4%
General expenses	222	263	211	208	235	-6%	904	966	-6%
Investment expenses	143	80	81	80	128	12%	384	365	5%
Commissions	306	299	290	315	302	1%	1,210	1,126	7%
Other	37	31	42	22	58	-36%	132	160	-18%
Total contract benefits and expenses	6,094	3,593	4,222	2,455	(3,504)	_	16,364	13,263	23%
Income (loss) before income taxes	(1,760)	305	738	759	(365)	382%	42	365	-88%
Income tax (expense) recovery	(520)	(48)	(231)	(235)	218	-	(1,034)	31	-
Net income (loss) attributed to shareholders	(2,280)	257	507	524	(147)	nm	(992)	396	-

¹ The 2017 Net income (loss) attributed to shareholders includes the charge related to change in actuarial methods and assumptions of \$195 million and excludes the results of U.S. Wealth and Asset Management businesses of \$514 million.

Page 20 U.S.

² For fixed income assets supporting insurance and investment contract liabilities, equities supporting pass through products and derivatives related to variable annuity hedging programs, the impact of realized/unrealized gains (losses) on the assets is largely offset in the change in actuarial liabilities, included in contract benefits. The gains (losses) primarily relate to fair value movements on bonds and derivatives.

U.S. (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)					ľ	Manul	life	John I	lancock.
	2017	2017	2017	2017	2016	2017 Q4	YTD	YTD	YTD 2017
	Q4	Q3	Q2	Q1	Q4	vs.	2017	2016	vs.
						2016 Q4			YTD 2016

Earnings Analysis 1 (new)

U.S. Insurance	290	156	168	222	158	84%	836	554	51%
U.S. Annuities	75	120	99	111	132	-43%	405	439	-8%
Total core earnings (loss)	365	276	267	333	290	26%	1,241	993	25%
Items excluded from core earnings									
Investment-related experience outside of core earnings	(27)	145	122	23	73	-	263	122	116%
Direct impact of equity markets and interest rates and									
variable annuity guarantee liabilities	59	39	118	168	(466)	-	384	(387)	-
Change in actuarial methods and assumptions	(24)	(171)	-	-	(30)	-20%	(195)	(250)	-22%
Charge related to decision to change asset mix in legacy business	(542)	-	-	-	-	-	(542)	-	-
Charge related to U.S. Tax Reform	(2,220)	-	-	-	-	-	(2,220)	-	-
Intangibles write-off (LTC, Annuities)	-	-	-	-	-	-	-	(74)	-
Other	109	(32)	-	-	(14)	-	77	(8)	-
Total net income (loss) attributed to shareholders	(2,280)	257	507	524	(147)	nm	(992)	396	-

¹ The 2017 Net income (loss) attributed to shareholders includes the charge related to change in actuarial methods and assumptions of \$195 million and excludes the results of U.S. Wealth and Asset Management businesses of \$514 million.

The 2017 Core Earnings excludes the results of U.S. Wealth and Asset Management businesses of \$272 million.

Source of Earnings - Core (new)

Expected profit from in-force business	334	343	330	322	313	7%	1,329	1,247	7%
Impact of new business	19	3	24	10	21	-10%	56	50	12%
Experience gains (losses)	6	(55)	(93)	16	(115)	-	(126)	(411)	-69%
Management actions and changes in assumptions	9	-	(14)	(1)	11	-18%	(6)	15	-
Earnings on surplus funds	112	112	112	112	98	14%	448	391	15%
Other	28	(28)	4	9	11	155%	13	(8)	-
Core Earnings before income taxes	508	375	363	468	339	50%	1,714	1,284	33%
Income tax (expense) recovery	(143)	(99)	(96)	(135)	(49)	192%	(473)	(291)	63%
Total Core Earnings	365	276	267	333	290	26%	1,241	993	25%
-		•							

Page 21 U.S. (CONT'D)

U.S. (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)						∭ Ma	nulife	John	Hancock
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016
Annualized Premium Equivalents Sales (new)									
JH Life	121	107	123	113	112	8%	464	417	11%
JH Long-Term Care	-	-	-	-	8	-100%	-	42	-100%
Total Sales	121	107	123	113	120	1%	464	459	1%
Premiums and Deposits									
Premiums and investment contract deposits	1,483	1,627	1,399	1,372	1,516	-2%	5,881	5,287	11%
Segregated fund deposits	421	420	373	361	372	13%	1,575	1,387	14%
Total premiums and deposits	1,904	2,047	1,772	1,733	1,888	1%	7,456	6,674	12%
Premiums and Deposits									
JH Life	1,019	1,201	994	982	1,091	-7%	4,196	4,038	4%
JH Long-Term Care	570	577	561	556	574	-1%	2,264	2,201	3%
JH Annuities	315	269	217	195	223	41%	996	435	129%
Total premiums and deposits	1,904	2,047	1,772	1,733	1,888	1%	7,456	6,674	12%
Assets Under Management									
General fund	120,237	118,015	116,479	113,772	113,186	6%	120,237	113,186	6%
Segregated funds	62,174	61,798	61,010	60,438	59,339	5%	62,174	59,339	5%
Total assets under management	182,411	179,813	177,489	174,210	172,525	6%	182,411	172,525	6%
Canadian \$ in millions - Key Metrics									
Core earnings (new)	463	346	359	441	387	20%	1,609	1,317	22%
Items excluded from core earnings (new)	(3,361)	(24)	323	252	(583)	477%	(2,810)	(799)	252%
Net income (loss) attributed to shareholders	(2,898)	322	682	693	(196)	nm	(1,201)	518	
Annualized Premium Equivalents Sales (new)	153	135	165	150	159	-4%	603	608	-1%
Total premiums and deposits	2,422	2,565	2,382	2,294	2,518	-4%	9,663	8,823	10%
Total assets under management	228,835	224,407	230,327	232,094	231,638	-1%	228,835	231,638	-1%

Page 22 U.S. (CONT'D)

GLOBAL WEALTH AND ASSET MANAGEMENT (Canadian \$ in millions, unaudited)							III N	Ianulii	fe /	John II	ancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER ¹	2017 Q4 vs. 2016 Q4 CER ² (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER ¹	YTD 2017 vs. YTD 2016 CER ² (new)
Shareholders' Income Statement ³											
Revenue											
Fee income	1,336	1,266	1,299	1,257	1,270	5%		5,158	4,922	5%	
Investment income	5	9	16	12	(15)	-		42	6	600%	
Total revenue	1,341	1,275	1,315	1,269	1,255	7%		5,200	4,928	6%	
Expenses											
General, administrative and investment expenses	813	754	764	742	763	7%		3,073	3,022	2%	
Commissions	297	287	300	312	303	-2%		1,196	1,201	0%	
Total expenses	1,110	1,041	1,064	1,054	1,066	4%		4,269	4,223	1%	
Income before income taxes	231	234	251	215	189	22%		931	705	32%	
Income tax (expense) recovery	265	(28)	(50)	(40)	(17)	_		147	(90)	-	
Net income attributed to shareholders	496	206	201	175	172	188%	202%	1,078	615	75%	80%
Net income attributed to shareholders CER	496	208	192	170	164		202%	1,066	592		80%
Earnings (loss) Analysis ³											
Core earnings											
Asia	49	55	55	51	45	9%	18%	210	171	23%	27%
Canada	62	62	66	63	48	29%	29%	253	190	33%	33%
U.S.	87	99	93	74	93	-6%	-3%	353	301	17%	20%
	198	216	214	188	186	6%	11%	816	662	23%	26%
Core earnings Core earnings CER	198	217	205	183	179	0%	11%	803	638	23%	26%
Items excluded from core earnings	198	217	205	183	1/9		11%	803	038		20%
5	308		_					200			
Impact related to U.S. Tax Reform		- (10)		(12)	(1.4)	2004		308	(47)	204	
Other	(10) 496	(10) 206	(13) 201	(13) 175	(14) 172	-29%	20204	(46) 1,078	(47) 615	-2% 75%	80%
Net income attributed to shareholders	496	206	201	1/5	172	188%	202%	1,078	615	75%	80%
Core EBITDA by Geographic Source ⁴											
Asia	65	69	70	63	56	16%	23%	267	209	28%	31%
Canada	107	102	111	113	91	18%	18%	433	360	20%	20%
U.S.	183	181	196	166	168	9%	13%	726	640	13%	16%
Core EBITDA	355	352	377	342	315	13%	17%	1,426	1,209	18%	20%
Core EBITDA CER	355	356	362	332	303		17%	1,405	1,172		20%
Amortization of deferred acquisition costs and other Depreciation	87	84	88	85	85	2%		344	338	2%	
Amortization of deferred sales commissions	25	23	23	28	24	4%		99	104	-5%	
Total depreciation and amortization	112	107	111	113	109	3%		443	442	0%	
Core earnings before income taxes	243	245	266	229	206	18%		983	767	28%	
Core income tax (expense) recovery	(45)	(29)	(52)	(41)	(20)	125%		(167)	(105)	59%	
Core Earnings	198	216	214	188	186	6%	11%	816	662	23%	26%
Core EBITDA Margin ⁵	26.5%	27.6%	28.7%	27.0%	25.2%	130 bps		27.4%	24.5%	290 bps	
Deferred Acquisition Costs and Deferred Sales Commissions by Geographic Source											
Asia	345	333	332	330	328	5%		345	328	5%	
Canada	249	248	248	248	250	0%		249	250	0%	
U.S.	1,684	1,674	1,747	1,796	1,813	-7%		1,684	1,813	-7%	
						-0.					

¹ AER percentage changes are calculated using actual exchange rates.

Total deferred acquisition costs and deferred sales commissions

2,278

2,255

2,327

2,374

2,391

-5%

2,278

2,391

 $^{^{\}rm 2}$ CER percentage changes are calculated on a constant exchange rate basis.

³ Net income attributed to shareholders, Core earnings, and Core EBITDA have been restated to include earnings from businesses previously reported under Insurance which have been recategorized into Global Wealth and Asset Management.

⁴ Core EBITDA excludes certain acquisition expenses related to insurance contracts in our retirement businesses, which are deferred and amortized over the expected life time of the customer relationship under the Canadian Asset Liability Method (CALM).

 $^{^{\}rm 5}$ Core EBITDA margin is Core EBITDA divided by total revenue.

GLOBAL WEALTH AND ASSET MANAGEMENT (CONT'D) (Canadian \$ in millions, unaudited)								Mar Mar	ulife	John	Hancock
, distance, distance, distance,	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4 AER	2017 Q4 vs. 2016 Q4 CER (new)	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016 AER	vs.
Accele Under Management and Administration by Cooperation 2						ALK	our (new)			ALK	orn (now)
Assets Under Management and Administration by Geographic Source Asia	125 200	120 704	120.004	124 552	110 124	15%	21%	125 200	110 124	15%	21%
Asia Canada	135,288 205,670	128,794 197,819	128,086 195,297	124,553 193,262	118,124 187,627	15%	10%	135,288 205,670	118,124 187,627	10%	10%
U.S. and other	205,670 448,848	197,819 434,695	195,297 437,783	193,262 436,051	421,950	6%	10% 14%	205,670 448,848	421,950	6%	10%
Total WAM-managed Assets under management and administration	789,806	761,308	761,166	753,866	727,701	9%	14%	789,806	727,701	9%	14%
	•	•	•	•			1470				14 70
Less: Assets managed on behalf of other segments ²	(180,804)	(176,874)	(178,468)	(178,710)	(173,595)	4%	470/	(180,804)	(173,595)	4%	470/
Assets under management and administration Assets under management and administration CER	609,002 609,002	584,434 591,351	582,698 572,528	575,156 554,451	554,106 521,693	10%	17% 17%	609,002 609,002	554,106	10%	17%
Assets under management and administration CER	609,002	391,331	572,528	554,451	521,093		17%	609,002	521,693		17%
Asia	71,403	66,748	65,573	63,599	60,408	18%	23%	71,403	60,408	18%	23%
Canada	164,069	157,615	155,640	153,628	148,869	10%	10%	164,069	148,869	10%	10%
U.S. and other	373,530	360,071	361,485	357,929	344,829	8%	16%	373,530	344,829	8%	16%
Assets under management and administration	609,002	584,434	582,698	575,156	554,106	10%	17%	609,002	554,106	10%	17%
Assets under administration ³	123,188	118,031	117,064	116,053	112,072	10%	16%	123,188	112,072	10%	16%
Assets Under Management and Administration by Business Line ¹											
Retail	211.092	201.006	199.025	195.112	188,240	12%	17%	211.092	188,240	12%	17%
Retirement	310,607	299,265	299,285	297,580	286,020	9%	14%	310,607	286,020	9%	14%
Institutional Asset Management ⁴	87,303	84,163	84,388	82,464	79,846	9%	13%	87,303	79,846	9%	13%
Assets under management and administration	609,002	584,434	582,698	575,156	554,106	10%	17%	609,002	554,106	10%	17%
Changes in Assets Under Management and Administration ¹											
Beginning balance	584,434	582,698	575,156	554,106	534,605	9%		554,106	510,477	9%	
Assets acquired	-	-	-	-	1,817	-100%		-	1,817	-100%	
Gross flows	32,243	27,024	30,343	32,359	37,578	-14%		121,969	118,185	3%	
Manulife Securities non-proprietary product net flows (new)	78	353	256	359	429	-82%		1,046	1,487	-30%	
Exchange traded fund net flows 5	191	43	322	105	,	5276		661	.,,	3370	
Redemptions	(28,788)	(22,890)	(24,811)	(27,861)	(31,034)	-7%		(104,350)	(101,703)	3%	
Investment income (loss) and other	20,922	(2,441)	1,688	16,447	11,140	88%		36,616	25,330	45%	
Ending balance	609,002	584,434	582,698	575,156	554,106	10%	17%	609,002	554,106	10%	17%

from proprietary segregated fund products in Canada.

² Reflects assets managed by WAM business units on behalf of other, non-WAM business lines.

³ Reflects WAM-sourced assets under administration included in Assets under management

⁴ Includes only the third party institutional business of Manulife Asset Management ("MAM"); excludes assets managed by MAM on behalf of the Insurance businesses and the General Fund.

 $^{^{\}rm 5}$ Excludes ETF assets that are managed on behalf of insurance businesses.

GLOBAL WEALTH AND ASSET MANAGEMENT (CONT'D) (Canadian \$ in millions, unaudited)							11	Manu	life	Johns	Hancock.
(,,	2017	2017	2017	2017	2016	2017 Q4	2017 Q4	YTD	YTD	YTD 2017	YTD 2017
	Q4	Q3	Q2	Q1	Q4	vs.	vs.	2017	2016	vs.	vs.
						2016 Q4	2016 Q4			YTD 2016	YTD 2016
						AER	CER (new)			AER	CER (new)
Net Flows by Geographic Source											
Asia	2,298	1,828	1,467	1,043	4,650	-51%	-48%	6,636	8,465	-22%	-17%
Canada	723	905	733	1,364	5,186	-86%	-86%	3,725	9,504	-61%	-61%
U.S. and other	625	1,444	3,654	2,196	(3,292)	I -I	-I	7,919	(1,487)	-I	_
Total Net flows	3,646	4,177	5,854	4,603	6,544	-44%	-44%	18,280	16,482	11%	10%
Total Net flows CER	3,646	4,231	5,575	4,480	6,524		-44%	17,932	16,314		10%
Net Flows by Business Line											
Retail	3,695	3,193	3,925	2,128	1,442	156%	146%	12,941	5,267	146%	151%
Retirement	(1,315)	196	613	808	(1,894)	-31%	-28%	302	1,851	-84%	-88%
Institutional Asset Management ¹	1,266	788	1,316	1,667	6,996	-82%	-81%	5,037	9,364	-46%	-46%
Total Net flows	3,646	4,177	5,854	4,603	6,544	-44%	-44%	18,280	16,482	11%	10%
Gross Flows by Geographic Source											
Asia	8,635	6,914	6,643	5,462	11,245	-23%	-20%	27,654	25,879	7%	10%
Canada	5,643	4,412	4,904	6,014	9,118	-38%	-38%	20,973	22,474	-7%	-7%
U.S. and other	17,965	15,698	18,796	20,883	17,215	4%	10%	73,342	69,832	5%	7%
Total Gross flows	32,243	27,024	30,343	32,359	37,578	-14%	-11%	121,969	118,185	3%	5%
Total Gross flows CER	32,243	27,382	29,062	31,445	36,276		-11%	120,132	114,249		5%
Gross Flows by Business Line											
Retail	16,072	14,422	15,925	16,742	16,429	-2%	1%	63,161	56,014	13%	15%
Retirement	11,413	10,108	10,435	11,921	10,259	11%	16%	43,877	42,257	4%	6%
Institutional Asset Management ¹	4,758	2,494	3,983	3,696	10,890	-56%	-55%	14,931	19,914	-25%	-23%
Total Gross flows	32,243	27,024	30,343	32,359	37,578	-14%	-11%	121,969	118,185	3%	5%

CORPORATE AND OTHER (Canadian \$ in millions, unaudited)					111	Manulii	fe /	John A	lancock.	
(canadian \$ in millions, diaddica)	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4	2017 Q4 vs. 2016 Q4	YTD 2017	YTD 2016	YTD 2017 vs. YTD 2016	Fiscal 2016
Statements of Income ¹										
Revenue										
Gross investment income before items below	227	262	256	271	120	89%	1,016	958	6%	958
Gains (losses) on AFS equities	93	117	79	74	67	39%	363	225	61%	225
Gains (losses) on AFS bonds and related derivative positions	56	(76)	(28)	(6)	(180)	-	(54)	512	-	512
Gains (losses) on macro hedges	(41)	(40)	(32)	(46)	(143)	-71%	(159)	(553)	-71%	(553)
Interest on surplus funds allocated to reporting segments	(279)	(275)	(290)	(285)	(260)	7%	(1,129)	(1,033)	9%	(1,033)
Other revenue	(59)	(59)	(44)	(84)	(28)	111%	(246)	92	-	92
Total revenue, net	(3)	(71)	(59)	(76)	(424)	-99%	(209)	201	-	201
Contract benefits and expenses										
General expenses	216	131	123	127	93	132%	597	402	49%	402
Investment expenses, net	(40)	(44)	(46)	(36)	(37)	8%	(166)	(120)	38%	(120)
Changes in actuarial methods and assumptions	-	-	-	-	-	-	-	-	-	-
Other	113	188	142	154	117	-3%	597	742	-20%	742
Total contract benefits and expenses	289	275	219	245	173	67%	1,028	1,024	0%	1,024
Income (loss) before income taxes	(292)	(346)	(278)	(321)	(597)	-51%	(1,237)	(823)	50%	(823)
Income tax (expense) recovery	831	183	99	104	182	357%	1,217	335	263%	335
Net income (loss)	539	(163)	(179)	(217)	(415)	-	(20)	(488)	-96%	(488)
Less net income (loss) attributed to non-controlling interest	2	2	2	1	5	-60%	7	4	75%	4
Net income (loss) attributed to shareholders - Corporate and Investments	537	(165)	(181)	(218)	(420)	-	(27)	(492)	-95%	(492)
Net income attributed to shareholders' for Reinsurance business	28	(211)	22	27	39	-28%	(134)	121	-	121
Net income (loss) attributed to shareholders	565	(376)	(159)	(191)	(381)	-	(161)	(371)	-57%	(371)
Earnings Analysis ¹										
Core earnings										
Corporate and other excluding core investment gains	(200)	(354)	(181)	(186)	(115)	74%	(921)	(667)	38%	(667)
Core investment gains	100	100	154	46	180	-44%	400	197	103%	197
Total core earnings (loss)	(101)	(254)	(27)	(140)	65		(522)	(470)	11%	(470)
Items excluded from core loss	(101)	(201)	(21)	(1.10)			(OLL)	(170)		(170)
Investment-related experience including fixed income trading, market value increases in excess of expected alternative assets										
investment returns, asset mix changes and credit experience (excl. investment-related experience in core earnings)	(87)	(92)	(79)	(61)	(188)	-54%	(319)	(126)	153%	(126)
Direct impact of equity markets and interest rates	17	(56)	(53)	9	(298)		(83)	194	.0070	194
Change in actuarial methods and assumptions (excl. URR changes)	-	8	-	-	-	_	8	1	700%	1
Impact related to U.S. Tax Reform	737	-	-	_	-	_	737	-		-
Other	(1)	18	-	1	40	_	18	30	-40%	30
Net income (loss) attributed to shareholders	565	(376)	(159)	(191)	(381)	_	(161)	(371)	-57%	99
¹ Earnings have been restated to reflect the inclusion of change in actuarial methods and assumptions in the operating segments.		()	(1-1)	()	()		(121)	(/		
cannings have been restated to relice the mediator of change in actualist methods and assumptions in the operating segments.										
Premiums and Deposits										
Premiums - Reinsurance business	20	47	22	21	22	-9%	110	87	26%	87
Total premiums and deposits	20	47	22	21	22	-9%	110	87	26%	87
Assets Under Management ²										
General fund - Corporate and Investments	(3,597)	(3,380)	(4,810)	(4,784)	(4,786)	-25%	(3,597)	(4,786)	-25%	(4,786)
General fund - Reinsurance	834	827	846	839	943	-12%	834	943	-12%	943
Segregated funds - elimination of amounts held by the Company	(112)	(171)	(177)	(179)	(177)	-37%	(112)	(177)	-37%	(177)
Total assets under management	(2,875)	(2,724)	(4,141)	(4,124)	(4,020)	-28%	(2,875)	(4,020)	-28%	(4,020)
2 Includes consolidation entries relating to not decimative exects replacified from invested exects to other lines on the believe sheet					<u> </u>		<u> </u>			

Page 26

Total assets under management

Includes consolidation entries relating to net derivative assets reclassified from invested assets to other lines on the balance sheet

CORPORATE AND OTHER



Asset Information

Part	VESTED ASSETS - PORTFOLIO COMPOSITION adian \$ in millions, unaudited)	I						111	Manulife	Joh	nHan	cock
Carrying value					97		97	As at		As at Q4 2016	%	
Sach and short-term securities 15,965 4,8 % 15,251 4,7 % 15,866 4,8 % 16,011 4,9 %		Q4 2017	70	Q3 2017	76	Q2 2017	76	Q12017	76	Q4 2016	76	
Commented Comm		15,965	4.8 %	15,251	4.7 %	15,866	4.8 %	16,011	4.9 %	15,151	4.7	%
Content	t consumition											
Cast and agenery 22,778 8.8 % 27,033 6.6 % 224,432 7.4 % 25,045 7.6 % 18 % 19												
US government & agency 25,999 78 % 25,776 7.9 % 25,712 7.8 % 25,313 8.0 % 75 moreing prosemment & agency 19.02 % 5.5 % 19.012 30.5 % 19.012 30.2 % 90.299 29.8 % 95,522 29.1 % 20.2 % 20.0 more 20.000 20.0 more 2		22.778	6.8 %	21.403	6.6 %	24.432	7.4 %	25.045	7.6 %	24,745	7.7	%
Foreign governments & Agency 19,132 5 9 19,132 5 1 20, 27 20, 27 21,343 5.5 8 20,500										27,304	8.5	%
Corporation 102,151 30.6 % 98.324 30.2 % 98.289 29.8 % 95.522 29.1 % Securitized	0 0									20,941	6.5	%
Securitized CMBS			30.6 %		30.2 %	98,289	29.8 %		29.1 %	92,415	28.8	%
Maria												
Mars		1,237	0.4 %	951	0.3 %	781	0.2 %	711	0.2 %	802	0.2	%
1,944 0,6 % 2,160 0,7 % 2,355 0,7 % 2,356 0,7			0.0 %	50	0.0 %	62		70	0.0 %	74	0.0	%
Total def securities	NBS	1,994	0.6 %	2,160		2,355	0.7 %	2,356	0.7 %	2,341	0.7	%
Commercial Retail	al debt securities	174,000	52.1 %		51.8 %	172,103				168,622	52.4	%
Commercial Retail	rate placement debt	32,132	9.6 %	31,033	9.5 %	31,125	9.5 %	30,555	9.3 %	29,729	9.3	%
Retail 8, 8,141 2.4 % 8,260 2.5 % 8,335 2.5 % 8,167 2.5 % 100	•											
Retail												
Milti family residential 4.449 1.3 % 4.519 1.4 % 4.600 1.4 % 4.707 1.4 % 1.4 % 1.6 milti family residential 2.883 0.8 % 2.637 0.8 % 2.675 0.8 % 2.775 0.9 % 0.0 milti family residential 2.883 0.8 % 2.635 0.8 % 2.675 0.8 % 2.775 0.9 % 0.0 milti family residential 2.883 0.8 % 2.635 0.8 % 2.675 0.8 % 2.775 0.9 % 0.0 milti family residential 2.892 0.8 % 2.605 0.8 % 2.675 0.8 % 2.775 0.9 % 0.0 milti family residential 0.1 % 0.1 % 0.0 %		0 1/1	2.4 %	0 260	25 %	0 225	25 %	0 147	25 %	8,200	2.5	%
Multi family residential 1,449 1.3 % 4,519 1.4 % 4,690 1.4 % 4,707 1.4 % Industrial 2,583 0.8 % 2,637 0.8 % 2,675 0.8 % 2,775 0.9 % Other commercial 2,692 0.8 % 2,605 0.8 % 2,557 0.8 % 2,598 0.8 % Other mortgages Manufile Bank single family residential 18,579 5.5 % 18,200 5.6 % 18,030 5.5 % 17,809 5.4 % Agriculture 589 0.2 % 683 0.2 % 683 0.2 % 826 0.3 % 789 0.2 % Other mortgages 1 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 44,245 13.5 % 10,100 mortgages 1 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 44,245 13.5 % 10,100 mortgages 1 44,742 13.4 % 44,639 13.7 % 5,00 mortgages 1 44,742 13.4 % 44,639 13.7 % 5,00 mortgages 1 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 5,099 1.9 % 10,100 mortgages 1 44,742 13.4 % 14,017 4.3 % 14,00 mortgages 1 44,742 13.4 % 14,017 4.3 % 14,00 mortgages 1 44,742 13.4 % 14,017 4.3 % 14,00 mortgages 1 44,00										7,324	2.5	%
Industrial										4,806	1.5	%
Column C	*											
Manufile Bank single family residential 8.579 5.6 % 18.00 5.5 % 17.809 5.4 % 1.000 1										2,834	0.9	%
Manufile Bank single family residential 18,579 5.6 % 18,260 5.6 % 18,030 5.5 % 17,809 5.4 % Agriculture 589 0.2 % 688 0.2 % 826 0.3 % 789 0.2 % 2 %		2,692	0.8 %	2,605	0.8 %	2,557	0.8 %	2,598	0.8 %	2,564	8.0	%
Agriculture S89 0.2 % 683 0.2 % 826 0.3 % 789 0.2 % Fotal mortgages 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 44,245 13.5 % Fotal mortgages 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 44,245 13.5 % Fotal mortgages 44,742 13.4 % 44,639 13.7 % 44,700 13.6 % 44,245 13.5 % Fotal mortgages 44,742 13.4 % 5,808 1.7		10 570	F / 0/	10.2/0	F / 0/	10.000	F.F. 0/	17.000	F 4 0/	17 / 10		0/
Second S										17,643	5.5	%
Policy loans 1,737 0.5 5,808 1.7 % 5,739 1.8 % 5,907 1.8 % 5,909 1.9 % 5,000 5,0	· .									822 44,193	0.2 13.7	% %
Company use 1,281 0.8 8,836 2.6 % 9,363 2.9 % 9,641 2.9 % 9,512 2.9 % 0.6 % 1,337 0.4 % 10.8 % 1												
Par, equity-linked and pass-through Par, equity-linked assets Par, equity-linked and pass-through Par, equity-linked assets Par, equity-linked and pass-through Par, equity-linked and pass-through Par, equity-linked assets Par, equity-linked and pass-through Par, equity-linked and pass-through Par, equity-linked assets Par, equity-linked and pass-through Par, equity-linked assets Par, equity-	cy loans	5,808	1.7 %	5,739	1.8 %	5,907	1.8 %	5,999	1.9 %	6,041	1.9	%
Par, equily-linked and pass-through 15,328 6,48 Nonpar and surplus 6,217 18 8 6,413 2,08 6,445 2,08 6,645 2,0741 6,38 2,0741 6	ns to bank clients	1,737	0.5 %	1,735	0.6 %	1,727	0.5 %	1,737	0.6 %	1,745	0.4	%
Nonpar and surplus 6,217 1,8 % 6,413 2,0 % 6,445 2,0 % 6,669 2,0 % 1,000	lic equities											
Cotal public equities 21,545 6.4 % 20,430 6.3 % 20,741 6.3 % 20,767 6.3 % Real estate & other invested assets	r, equity-linked and pass-through	15,328	4.6 %	14,017	4.3 %	14,296	4.3 %	14,098	4.3 %	13,448	4.2	%
Real estate & other invested assets Alternative long-duration assets Office	npar and surplus	6,217		6,413		6,445		6,669		6,048	1.9	%
Real estate & other invested assets Alternative long-duration assets Office 8,836 2,6 % 9,363 2,9 % 9,641 2,9 % 9,512 2,9 % 9,641 1,0 % 9,512 2,9 % 1,0 % 1,0 % 9,641 1,0 %	al public equities	21,545		20,430	6.3 %	20,741	6.3 %	20,767	6.3 %	19,496	6.1	%
Office Industrial 8,836 2.6 % 9,363 2.9 % 9,641 2.9 % 9,512 2.9 % Industrial 873 0.3 % 863 0.3 % 890 0.3 % 977 0.3 % Company use Other 1,281 0.4 % 1,3222 0.4 % 1,354 0.4 % 1,379 0.4 % Other 2,820 0.8 % 2,423 0.7 % 2,217 0.7 % 2,358 0.7 % Power & infrastructure 7,355 2.2 % 7,079 2.2 % 6,513 2.0 % 6,728 2.0 % Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 %	l estate & other invested assets		0.0									
Office Industrial 8,836 2.6 % 9,363 2.9 % 9,641 2.9 % 9,512 2.9 % Industrial 873 0.3 % 863 0.3 % 890 0.3 % 977 0.3 % Company use Other 1,281 0.4 % 1,3222 0.4 % 1,354 0.4 % 1,379 0.4 % Other 2,820 0.8 % 2,423 0.7 % 2,217 0.7 % 2,358 0.7 % Power & infrastructure 7,355 2.2 % 7,079 2.2 % 6,513 2.0 % 6,728 2.0 % Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 %	ernative long-duration assets											
Company use Other 1,281 b 0.4 % 1,322 b 0.4 % 1,354 b 0.4 % 1,379 b 0.4 % b Other 2,820 b 0.8 % 2,423 b 0.7 % 2,217 b 0.7 % 2,358 b 0.7 % Total real estate 13,810 b 4.1 % b 13,971 b 4.3 % b 14,102 b 4.3 % b 14,226 b 4.3 % b Power & infrastructure 7,355 b 2.2 % b 7,079 b 2.2 % b 6,513 b 2.0 % b 6,728 b 2.0 % b Private equity 4,959 b 1.5 % b 4,820 b 1.5 % b 4,833 b 1.5 % b 4,815 b 1.4 % b Timberland 3,666 b 1.1 % b 3,679 b 1.1 % b 3,777 b 1.1 % b 3,848 b 1.2 % b Dil & gas 2,813 b 0.8 % b 2,663 b 0.8 % b 2,191 b 0.7 % b 2,180 b 0.7 % b Farmland 1,367 b 0.4 % b 1,358 b 0.4 % b 1,367 b 0.4 % b 1,367 b 0.4 % b 1,367 b 0.4 % b 1,35		8,836	2.6 %	9,363	2.9 %	9,641	2.9 %	9,512	2.9 %	9,200	2.9	%
Other 2,820 0.8 % 2,423 0.7 % 2,217 0.7 % 2,358 0.7 % Total real estate 13,810 4.1 % 13,971 4.3 % 14,102 4.3 % 14,226 4.3 % Power & infrastructure 7,355 2.2 % 7,079 2.2 % 6,513 2.0 % 6,728 2.0 % Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Oil & gas 2,813 0.8 % 2,663 0.8 % 2,191 0.7 % 2,180 0.7 % Farmland 1,367 0.4 % 1,358 0.4 % 1,367 0.4 %	Industrial	873	0.3 %	863	0.3 %	890	0.3 %	977	0.3 %	975	0.3	%
Total real estate 13,810 4.1 % 13,971 4.3 % 14,102 4.3 % 14,226 4.3 % Power & infrastructure 7,355 2.2 % 7,079 2.2 % 6,513 2.0 % 6,728 2.0 % Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Oil & gas 2,813 0.8 % 2,961 0.8 % 2,191 0.7 % 2,180 0.7 % Farmland 1,367 0.4 % 1,358 0.4 % 1,367 0.4 % 0.1 % 501 0.2 % 525 0.2 % 531 0.2 % 510 0.2 % 0.2	Company use	1,281	0.4 %	1,322	0.4 %	1,354	0.4 %	1,379	0.4 %	1,376	0.4	%
Power & infrastructure 7,355 2.2 % 7,079 2.2 % 6,513 2.0 % 6,728 2.0 % Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Goll & gas 2,813 0.8 % 2,663 0.8 % 2,191 0.7 % 2,180 0.7 % Farmland 1,357 0.4 % 1,358 0.4 % 1,367 0.4 % 1,315 0.4 % Other 570 0.2 % 525 0.2 % 531 0.2 % 510 0.2 % Leveraged leases 34,540 10.3 % 34,925 10.5 % 33,314 10.2 % <th< td=""><td>Other</td><td>2,820</td><td>0.8 %</td><td>2,423</td><td>0.7 %</td><td>2,217</td><td>0.7 %</td><td>2,358</td><td>0.7 %</td><td>2,581</td><td>0.8</td><td>%</td></th<>	Other	2,820	0.8 %	2,423	0.7 %	2,217	0.7 %	2,358	0.7 %	2,581	0.8	%
Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Oil & gas 2,813 0.8 % 2,663 0.8 % 2,191 0.7 % 2,180 0.7 % Farmland 1,367 0.4 % 1,358 0.4 % 1,367 0.4 % 1,315 0.2 % 510 0.2 % 0.0 % 1,367 0.4 % 1,358 0.4 % 1,367 0.4 % 1,358 0.4 % 1,358 0.2 % 531 0.2 % 510 0.2 % 0.0 % 33,314 10.2 % 33,622 10.2 % 0.0 % 3,370 1.0 % 0.0 %	Fotal real estate	13,810	4.1 %	13,971	4.3 %	14,102	4.3 %	14,226	4.3 %	14,132	4.4	%
Private equity 4,959 1.5 % 4,820 1.5 % 4,833 1.5 % 4,815 1.4 % Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Oil & gas 2,813 0.8 % 2,663 0.8 % 2,191 0.7 % 2,180 0.7 % Farmland 1,367 0.4 % 1,358 0.4 % 1,367 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.4 % 1,357 0.2 % 525 0.2 % 531 0.2 % 33,622 10.2 % 10.2 % 3,370 1.0 %	Power & infrastructure	7,355			2.2 %				2.0 %	6,679	2.1	%
Timberland 3,666 1.1 % 3,679 1.1 % 3,777 1.1 % 3,848 1.2 % Oil & gas 2,813 0.8 % 2,663 0.8 % 2,191 0.7 % 2,180 0.7 % Earmland 1,367 0.4 % 1,358 0.4 % 1,367 0.4 % 1,315 0.4 % Other 570 0.2 % 525 0.2 % 531 0.2 % 510 0.2 % Total alternative long-duration assets 34,540 10.3 % 34,095 10.5 % 33,314 10.2 % 33,622 10.2 % Everaged leases 3,273 1.1 % 3,223 1.0 % 3,337 1.0 % 3,370 1.0 % Other 480 0.1 % 485 0.1 % 496 0.2 % 571 0.2 % Total real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % Total invested assets 334,222 100.0 % 325,106 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017).			1.5 %				1.5 %		1.4 %	4,619	1.4	%
Farmland Other 1,367 box of Strong Other 0.4 box of Strong Other 1,358 box of Strong Other 0.4 box of Strong Other 1,356 box of Strong Other 1,358 box of Strong Other 0.4 box of Strong Other 1,358 box of Strong Other 0.4 box of Strong Other 1,315 box of Strong Other 0.4 box of Strong Other 0.2 box of Strong Other 0.2 box of Strong Other 0.2 box of Strong Other 0.4 box of		3,666	1.1 %	3,679	1.1 %	3,777	1.1 %	3,848	1.2 %	3,669	1.1	%
Other 570 0.2 % 525 0.2 % 531 0.2 % 510 0.2 % Total alternative long-duration assets 34,540 10.3 % 34,095 10.5 % 33,314 10.2 % 33,622 10.2 % Leveraged leases 3,273 1.1 % 3,223 1.0 % 3,317 1.0 % 3,370 1.0 % Other 480 0.1 % 485 0.1 % 496 0.2 % 571 0.2 % Total real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % Total invested assets 334,222 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017). * 325,106 100.0 % 329,296 100.0 </td <td>Jil & gas</td> <td>2,813</td> <td>0.8 %</td> <td>2,663</td> <td>0.8 %</td> <td>2,191</td> <td>0.7 %</td> <td>2,180</td> <td>0.7 %</td> <td>2,094</td> <td>0.7</td> <td>%</td>	Jil & gas	2,813	0.8 %	2,663	0.8 %	2,191	0.7 %	2,180	0.7 %	2,094	0.7	%
Other 570 0.2 % 525 0.2 % 531 0.2 % 510 0.2 % Total alternative long-duration assets 34,540 10.3 % 34,095 10.5 % 33,314 10.2 % 33,622 10.2 % Leveraged leases 3,273 1.1 % 3,223 1.0 % 33,17 1.0 % 3,70 1.0 % Other 480 0.1 % 485 0.1 % 496 0.2 % 571 0.2 % Total real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017). 325,106 100.0 % 329,296 100.0 % 328,237 100.0 %	•		0.4 %		0.4 %	1,367	0.4 %	1,315	0.4 %	1,303	0.4	%
Leveraged leases 3,273 1.1 % 3,223 1.0 % 3,317 1.0 % 3,370 1.0 % Other 480 0.1 % 485 0.1 % 496 0.2 % 571 0.2 % Fotal real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % Fotal invested assets 334,222 100.0 % 325,106 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017).			0.2 %		0.2 %		0.2 %		0.2 %	487	0.1	%
Other 480 0.1 % 485 0.1 % 496 0.2 % 571 0.2 % fotal real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % fotal invested assets 334,222 100.0 % 325,106 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017).	tal alternative long-duration assets	34,540	10.3 %	34,095	10.5 %	33,314	10.2 %	33,622	10.2 %	32,983	10.2	%
Total real estate & other invested assets 38,293 11.5 % 37,803 11.6 % 37,127 11.4 % 37,563 11.4 % Total invested assets 334,222 100.0 % 325,106 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017). 325,106 100.0 % 329,296 100.0 % 328,237 100.0 %	veraged leases	3,273	1.1 %	3,223	1.0 %	3,317	1.0 %	3,370		3,368	1.1	%
Total invested assets 334,222 100.0 % 325,106 100.0 % 329,296 100.0 % 328,237 100.0 % Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017).										541 36,892	0.2 11.5	% %
Includes government insured mortgages (\$7,689 or 17% as at December 31, 2017).												
				325,106	100.0 %	329,296	100.0 %	328,237	100.0 %	321,869	100.0	%
air value ⁶		December 31, 2017)).									
eal estate 14,977 15,097 15,253 15,380										15,280		
fotal alternative long-duration assets 36,029 35,448 34,783 35,140 fotal real estate & other invested assets 39,782 39,155 38,596 39,081										34,474 38,383		

Total real estate & other invested assets

² The fair values of real estate and other investments are disclosed

(Canadian \$ in millions, unaudited)





Debt Securities and Private Placement Portfolio by Credit Quality (at carrying value)

	Credit	NAIC	As at									
	Rating ¹	designation	Q4 2017	%	Q3 2017	%	Q2 2017	%	Q1 2017	%	Q4 2016	%
S	AAA	1	34,267	20%	33,021	20%	38,255	22%	40,189	24%	41,466	25%
itie	AA	1	28,976	17%	27,576	16%	27,597	16%	24,136	14%	23,355	14%
Securities	Α	1	76,125	44%	73,792	44%	72,629	43%	73,795	43%	71,054	42%
t Se	BBB	2	32,150	18%	31,681	19%	31,048	18%	29,357	17%	28,968	17%
Debt	BB	3	1,819	1%	2,003	1%	2,134	1%	3,424	2%	3,407	2%
_	B & lower, and unrated	4 & below	663	0%	403	0%	440	0%	459	0%	372	0%
	Total		174,000	100%	168,476	100%	172,103	100%	171,360	100%	168,622	100%
ı			_		_		_				-	
nts	AAA	1	1,038	3%	1,047	3%	1,094	4%	1,120	4%	1,086	4%
ame.	AA	1	4,246	14%	4,028	13%	4,195	13%	4,368	14%	4,466	15%
lace	Α	1	11,978	37%	11,691	38%	11,640	37%	11,423	37%	10,671	36%
te P	BBB	2	13,160	41%	12,625	41%	12,407	40%	11,736	39%	11,606	39%
Privat	BB	3	717	2%	721	2%	889	3%	1,008	3%	936	3%
4	B & lower, and unrated	4 & below	993	3%	921	3%	900	3%	900	3%	964	3%
	Total		32,132	100%	31,033	100%	31,125	100%	30,555	100%	29,729	100%
ı			_		_		_				-	
	AAA	1	35,305	17%	34,068	17%	39,349	19%	41,309	21%	42,552	21%
	AA	1	33,222	16%	31,604	16%	31,792	16%	28,504	14%	27,821	14%
Fotal	Α	1	88,103	43%	85,483	43%	84,269	41%	85,218	42%	81,725	41%
7	BBB	2	45,310	22%	44,306	22%	43,455	21%	41,093	20%	40,574	21%
	BB	3	2,536	1%	2,724	1%	3,023	2%	4,432	2%	4,343	2%
	B & lower, and unrated	4 & below	1,656	1%	1,324	1%	1,340	1%	1,359	1%	1,336	1%
	Total		206,132	100%	199,509	100%	203,228	100%	201,915	100%	198,351	100%

¹ The Company replicates exposure to specific issuers by selling credit protection via credit default swaps (CDS) to complement its cash bond investments. The Company does not use CDS to leverage its credit risk exposure and any CDS protection sold is backed by government security holdings. In order to reflect the actual credit exposure held by the Company, the credit quality carrying values have been adjusted to reflect the credit quality of the underlying issuers referenced in the CDS sold by the Company. At December 31, 2017, the Company had \$606 (September 30, 2017: \$647) notional outstanding of CDS protection sold.

Debt Securities and Private Placement Portfolio by Geographic Location (at carrying value)

		As at		As at		As at		As at		As at	
	Country	Q4 2017	%	Q3 2017	%	Q2 2017	%	Q1 2017	%	Q4 2016	%
iii iii	U.S.	78,011	45%	75,782	45%	75,281	44%	75,018	44%	74,747	44%
'n	Canada	47,805	27%	45,804	27%	49,495	29%	49,337	29%	48,459	29%
Š	Europe	4,416	3%	4,271	3%	4,453	2%	4,476	2%	4,490	3%
Deb	Asia & Other	43,768	25%	42,619	25%	42,874	25%	42,529	25%	40,926	24%
_	Total	174,000	100%	168,476	100%	172,103	100%	171,360	100%	168,622	100%
so.											
ent	U.S.	18,501	58%	17,958	58%	18,371	59%	17,920	58%	17,564	59%
em.	Canada	9,787	30%	9,469	30%	9,423	30%	9,413	31%	9,112	31%
Plac	Europe	1,846	6%	1,819	6%	1,809	6%	1,749	6%	1,775	6%
ate	Asia & Other	1,998	6%	1,787	6%	1,522	5%	1,473	5%	1,278	4%
Ę	Total	32,132	100%	31,033	100%	31,125	100%	30,555	100%	29,729	100%
_											
	U.S.	96,512	47%	93,740	47%	93,652	46%	92,938	46%	92,311	47%
	Canada	57,592	28%	55,273	28%	58,918	29%	58,750	29%	57,571	29%
otal	Europe	6,262	3%	6,090	3%	6,262	3%	6,225	3%	6,265	3%
7	Asia & Other	45,766	22%	44,406	22%	44,396	22%	44,002	22%	42,204	21%
	Total	206,132	100%	199,509	100%	203,228	100%	201,915	100%	198,351	100%

INVESTED ASSETS - FIXED INCOME SECURITIES BY SECTOR AND UNREALIZED LOSSES

(Canadian \$ in millions, unaudited)





Portfolio by Sector / Industry Holdings (at carrying value)

	As	at Q4 201	7		As at Q3 2017	7	As	at Q2 2017		As	at Q1 2017	<u> </u>	As	at Q4 2016	
	Carrying	1	nvestment	Carrying	lı.	nvestment	Carrying		Investment	Carrying		Investment	Carrying		nvestment
	value	%	grade %	value	%	grade %	value	%	grade %	value	%	grade %	value	%	grade %
Government & agency	71,888	35%	99%	70,161	35%	99%	73,904	36%	99%	75,937	38%	97%	76,020	38%	98%
Utilities	40,568	20%	98%	38,939	19%	98%	38,809	19%	98%	38,069	19%	98%	37,561	19%	98%
Financial	27,923	13%	98%	27,183	14%	98%	27,283	13%	98%	26,166	13%	98%	25,027	13%	98%
Energy	16,428	8%	96%	16,057	8%	95%	16,115	8%	95%	16,120	8%	94%	15,775	8%	94%
Consumer (non-cyclical)	14,009	7%	97%	13,282	7%	97%	13,516	7%	96%	13,174	6%	96%	12,440	6%	96%
Industrial	14,691	7%	98%	13,872	7%	98%	13,866	7%	98%	13,564	7%	99%	13,088	7%	98%
Basic materials	3,248	2%	95%	3,213	1%	94%	3,214	1%	90%	3,298	2%	90%	3,387	2%	88%
Consumer (cyclical)	5,916	3%	96%	5,558	3%	97%	5,408	3%	95%	4,600	2%	95%	4,256	2%	95%
Securitized MBS/ABS	3,577	2%	99%	3,465	2%	99%	3,501	2%	99%	3,427	2%	99%	3,514	2%	99%
Telecommunications	3,324	2%	100%	3,324	2%	100%	3,225	2%	99%	3,213	1%	99%	3,091	1%	99%
Technology	2,475	1%	96%	2,418	1%	96%	2,405	1%	96%	2,357	1%	96%	2,231	1%	95%
Media & internet	1,136	0%	95%	1,064	1%	98%	1,096	1%	98%	1,168	1%	97%	1,175	1%	97%
Diversified & miscellaneous	949	0%	98%	973	0%	98%	886	0%	98%	822	0%	98%	786	0%	99%
Total	206,132	100%	98%	199,509	100%	98%	203,228	100%	97%	201,915	100%	97%	198,351	100%	97%

Unrealized (losses)

		As at Q4 2	017			As at Q3 201	7			As at Q2 20	017			As at Q1 2	017			As at Q4 2	2016	
	Amortized	Gross unrea (losses)		Amounts < 80% cost	Amortized	Gross unrealize (losses)		Amounts 0% cost	Amortized	Gross unrealiz (losses)		Amounts < 80% cost	Amortized	Gross unrealized	d (losses)	Amounts < 80% cost	Amortized	Gross unre		Amounts < 80% cost
	cost	\$	%	> 6 months	cost	\$	% > 6	months	cost	\$	%	> 6 months	cost	\$	%	> 6 months	cost	\$	%	> 6 months
Debt securities																				
Government	65,933	(1,014)	2%	(28)	65,172	(1,393)	2%	(28)	67,540	(1,188)	2%	(111)	70,666	(1,876)	3%	(1)	71,254	(2,154)	3%	(1)
Corporate																				
Financials	25,416	(147)	1%	(9)	24,670	(128)	1%	(12)	24,553	(107)	0%	(14)	23,504	(131)	1%	(15)	22,593	(183)	1%	(15)
Non-financials	70,723	(376)	1%	-	68,598	(510)	1%	-	67,665	(424)	1%	(2)	67,270	(626)	1%	(5)	65,549	(831)	1%	(14)
Securitized												, ,				, ,				, ,
CMBS	1,247	(10)	1%	-	954	(5)	1%	-	781	(3)	0%	-	711	(3)	0%	-	804	(6)	1%	(2)
RMBS	45	-	0%	-	49		0%	-	60		0%	-	69	-	0%	-	72	-	0%	-
ABS	1,965	(6)	0%	-	2,117	(4)	0%	-	2,313	(6)	0%	-	2,321	(9)	0%	-	2,304	(13)	1%	-
Private placement debt	32,132	(115)	0%	-	31,033	(184)	1%	-	31,125	(161)	1%	-	30,555	(290)	1%	-	29,729	(322)	1%	(3)
Fixed income securities 1	197,461	(1,668)	1%	(37)	192,593	(2,224)	1%	(40)	194,037	(1,889)	1%	(127)	195,096	(2,935)	2%	(21)	192,305	(3,509)	2%	(35)

¹ Gross unrealized losses consist of unrealized losses on AFS debt securities and private placements held at cost in the Corporate Surplus segments, as well as the difference between fair value and amortized cost on debt securities and private placements. Losses on AFS debt securities held in Surplus and on all private placements are realized upon sale or by credit impairment. However, for fixed income securities supporting CALM liabilities, losses are only realized upon credit impairment because unrealized gains and losses on debt securities, which impact net investment income, are largely offset by the changes in actuarial liabilities unless the security is credit impaired.



Actuarial Liabilities Information

VARIABLE ANNUITY AND SEGREGATED FUND GUARANTEES

(Canadian \$millions, unaudited)



		Guarantee V	alue		Net Amount at Risl	k ²			
	Gross Amount ⁴	Amount Reinsured	Net of Reinsurance ¹	Gross Amount ⁴	Amount Reinsured	Net of Reinsurance ¹	Policy Liabilities Held ^{3,5}	Target Capital (200 % of MCCSR)	Policy Liabilities Held plus Target Capital
Q4 2017	95,873	7,536	88,337	8,029	1,346	6,683	4,732	6,148	10,880
Q3 2017	96,624	7,594	89,030	8,562	1,426	7,136	5,039	6,080	11,119
Q2 2017	100,846	8,011	92,835	9,582	1,579	8,003	5,129	6,083	11,212
Q1 2017	104,379	8,420	95,959	10,482	1,724	8,758	5,237	5,996	11,233
Q4 2016	106,263	8,670	97,593	12,082	1,913	10,169	6,249	5,873	12,122

		Net of Reinsurance ¹	
As at Q4 2017	Total Guarantee Value ⁴	Total Fund Value ⁴	Net Amount at Risk ^{2,4}
U.S.			
Withdrawal Benefits	41,856	37,970	4,512
Income Benefits	471	414	68
Death Benefits	3,794	4,539	415
	46,121	42,923	4,995
Canada			
Withdrawal Benefits	15,610	14,308	1,302
Maturity Benefits	15,355	15,346	9
Death Benefits	2,133	7,382	31
	33,098	37,036	1,342
Japan			
Withdrawal Benefits	3,893	3,838	103
Maturity Benefits	1,413	1,720	2
Death Benefits	895	905	14
	6,201	6,463	119
Reinsurance & Othe	er 2,917	3,256	227

¹ Net of amounts ceded to 3rd party reinsurers. Amounts reinsured include amounts covered under stop loss treaties as well as first dollar treaties. Some of the treaties include deductibles and claims limits.

The net amount at risk is not currently payable. Guaranteed death benefits are contingent and only payable upon the eventual death of policyholders if fund values remain below guarantee values. Withdrawal, accumulation and income benefits are also contingent and only payable at scheduled maturity in the future, if the policyholders are still living and have not terminated their policies and fund values remain below guarantee values.

Guaranteed benefits in a single contract are frequently a combination of death benefit and living benefit (withdrawal / maturity / income).

Death benefit amounts shown reflect only stand alone death benefits plus any excess of death benefits over living benefits on contracts with both death and other benefit forms.

² Net Amount at Risk is based on sum of excess of guarantee value over fund value only on contracts where amount at risk is currently positive.

³ Under Phase I of IFRS 4, former Canadian GAAP valuation practices continue to apply to insurance contracts. This requires that reserves for segregated fund and variable products have a Conditional Tail Expectation ("CTE") of between 60 and 80. We hold CTE(70) level policy liabilities for both unhedged business and dynamically hedged business.

⁴ Total Guarantee Value, Total Fund Value and Net Amount at Risk includes certain HK products which are classified as investment contracts under IFRS. There is no reinsurance or hedging for these products.

⁵ The policy liabilities are held within the insurance contract liabilities, investment contract liabilities and other liabilities, as applicable under IFRS and are shown net of reinsurance.

REGULATORY CAPITAL (Canadian \$ in millions, unaudited)			Manulife	John	Hancock.
	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2016 Q4
The Manufacturers Life Insurance Company's MCCSR					
Capital available:					
Tier 1 capital					
Common shares	33,597	32,187	31,437	31,437	30,451
Retained earnings and CTA	10,515	16,143	15,944	15,688	14,489
Qualifying non-controlling interests	831	789	758	699	649
Innovative instruments	1,000	1,000	1,000	1,000	1,000
Other	3,929	2,278	2,256	2,257	2,288
Gross Tier 1 capital	49,872	52,397	51,395	51,081	48,877
Deductions:					
Goodwill	(5,713)	(5,700)	(5,816)	(5,885)	(5,884)
Other	(8,284)	(9,642)	(9,341)	(8,866)	(8,187)
Adjustments	(1,098)	(1,253)	(1,234)	(1,232)	(1,214)
Net Tier 1 capital - A	34,777	35,802	35,004	35,098	33,592
Tier 2 Capital					
Tier 2A	474	355	279	359	273
Tier 2B allowed	4,773	4,778	5,203	5,722	5,728
Tier 2C	8,574	8,459	8,580	8,522	8,155
Adjustments	(1,098)	(1,253)	(1,234)	(1,232)	(1,214)
Total Tier 2 capital allowed	12,723	12,339	12,828	13,371	12,942
Total Tier 1 and Tier 2 capital	47,500	48,141	47,832	48,469	46,534
Less Adjustments	-	-	-	-	-
Total Capital Available - B	47,500	48,141	47,832	48,469	46,534
Capital Required:					
Asset default & market risk	13,309	13,466	13,523	13,550	13,064
Insurance risks	3,991	3,579	3,749	3,761	3,779
Interest rate risks	3,879	3,507	3,558	3,524	3,428
Total Capital Required - C	21,179	20,552	20,830	20,835	20,271
MCCSR Ratio: Total (B/C) x 100	224%	234%	230%	233%	230%
modelt Ratio. Total (b) 0) X 100	22770	23770	23070	20070	23070

GLOSSARY OF TERMS AND DEFINITIONS





Accumulated Other Comprehensive Income (AOCI): A separate component of shareholders' equity which includes net unrealized gains and losses on available-for-sale securities, net unrealized gains and losses on derivative instruments designated within an effective cash flow hedge, unrealized foreign currency translation gains and losses and actuarial gains and losses on employee benefit plans. These items have been recognized in comprehensive income, but excluded from net income.

Return on Common Shareholders' Equity: Common shareholders' net income divided by average common shareholders' equity.

Annuity: A contract which allows the contract holder to either (i) accumulate funds for retirement planning, or (ii) receive scheduled payments, either periodically for a specified period of time or until death.

- Fixed Annuity: The return to the contract holder is specified in the contract, i.e., the Company bears the investment risk.
- Book Value Annuity: An annuity which provides a declared rate of interest for a specified contract while offering a guarantee of principal amount.
- Variable Annuity: Funds are invested in segregated funds (also called separate accounts in the U.S.) and the
 return to the contract holder fluctuates according to the earnings of the underlying investments. In some instances,
 guarantees are provided.

Assets Under Management and administration (AUMA): A measure of the size of the Company. It is comprised of the non-GAAP measures assets under management ("AUM"), which includes both assets of general account and external client assets for which we provide investment management services, and assets under administration ("AUA"), which includes assets for which we provide administrative services only.

Available-For-Sale (AFS) Financial Assets: Non-derivative financial assets that are designated as available-for-sale or that are not classified as loans and receivables, held-to-maturity investments, or held for trading.

Book Value per Share: Ratio obtained by dividing common shareholders' equity by the number of common shares outstanding at the end of the period.

Cash Flow Hedges: A hedge of the exposure to variability in cash flows associated with a recognized asset or liability, a forecasted transaction or a foreign currency risk in an unrecognized firm commitment that is attributable to a particular risk and could affect reported net income.

Corporate Owned Life Insurance (COLI): Life insurance purchased by organizations, predominantly to finance non-qualified executive deferred compensation plans.

Deferred Acquisition Costs (DAC): Costs directly attributable to the acquisition of new business, principally agents' compensation, which are capitalized on the Company's balance sheet and amortized into income over a specified period.

Fair Value: Amount of consideration that would be agreed upon in an arm's length transaction between knowledgeable, willing parties who are under no compulsion to act.

Impaired Assets: Mortgages, bonds and other investment securities in default where there is no longer reasonable assurance of collection.

Institutional Clients: Organizations that are non-Manulife-affiliated for which Manulife provides investment management services. Such clients include pensions, endowments and other external investment managers and wealth management organizations.

Investment Contracts: Products that do not contain insurance risk (as defined under IFRS) and are accounted for as financial liabilities at amortized cost or fair value.

Leveraged Leases: In these leases the financing provided by the long-term creditor is nonrecourse as to the general credit of the lessor. The amount of the financing is sufficient to provide the lessor with substantial "leverage" in the transaction. Income is recognized on a constant yield basis.

Long-Term Care (LTC): Insurance coverage available on an individual or group basis to provide reimbursement for medical and other services to the chronically ill, disabled or mentally challenged.

Minimum Continuing Capital and Surplus Requirements (MCCSR): The ratio of the available capital of a life insurance company to its required capital, each as calculated under the Office of the Superintendent of Financial Institutions' (OSFI) published guidelines.

Premiums and Deposits: Include general fund premiums, segregated fund deposits, institutional advisory account deposits, mutual fund deposits, other fund deposits and ASO premium equivalents.

- General Fund Premiums: Premiums earned on insurance and fixed annuity contracts as reflected in the Company's statement of operations.
- Segregated Fund Deposits: Deposits related to insurance, annuity and pension products which are invested in segregated funds.
- Mutual Fund Deposits: Deposits received in proprietary mutual funds.
- · Institutional Advisory Account Deposits: Deposits received in the Institutional Advisory Accounts.
- Other Fund Deposits: Deposits received from customers related to non-proprietary funds for Manulife-branded products.
- ASO Premium Equivalents: ASO ("administrative services only") contracts are group insurance contracts administered by
 the Company on behalf of the client on which the Company earns a fee for its services but the client retains all risks inherent in
 the group insurance. ASO premium equivalents are primarily a measure of the business volume calculated as expected claims
 plus administrative fees charged.

Global Wealth and Asset Management: Global Wealth and Asset Management is comprised of our fee based businesses with little or no insurance risk, including Retirement, Retail and Institutional Asset Management businesses.

Total Capital: Capital funding that is both unsecured and permanent in nature. Comprises total equity (excluding AOCI on cash flow hedges) and liabilities for preferred shares and capital instruments.

Universal Life Insurance: A form of permanent life insurance with flexible premiums. The customer may vary the premium payment and death benefit within certain restrictions. The contract is credited with a rate of interest based on the return of a portfolio of assets held by the Company, possibly with a minimum rate guarantee, which may be reset periodically at the discretion of the Company.

Variable Universal Life Insurance: A form of permanent life insurance with flexible premiums in which the cash value and possibly the death benefit of the policy fluctuate according to the investment performance of segregated funds (or separate accounts).

NM: Represents percentage variance in excess of 1000%, assessed as not meaningful 'nm'.



MANULIFE FINANCIAL CORPORATION HEAD OFFICE

200 Bloor Street East Toronto, Ontario Canada M4W 1E5

Web Site: www.manulife.com

TRANSFER AGENT

Canada CIBC Mellon Trust Company 1-800-783-9495 www.cibcmellon.com/investor

United States Mellon Investor Services 1-800-249-7702 www.melloninvestor.com

COMMON STOCK

Common Stock of Manulife Financial is traded on:

Stock Exchange	Symbo
Toronto	MFC
New York	MFC
Hong Kong	945
Philippines	MFC

INVESTOR INFORMATION

Robert Veloso, VP, Investor Relations

(416) 852-8982

E-mail: robert_veloso@manulife.com

INDUSTRY RATING INFORMATION

The following credit rating agencies each assigned financial strength ratings to our main operating subsidiaries, The Manufacturers Life Insurance Company and John Hancock Life Insurance Company (U.S.A.), thereby recognizing these companies as having strong credit ratings in the insurance industry.

The Manufacturers Life Insuran	ice Company	(as at February 8, 2018)
Purpose	Rating agency	Rating
Financial strength	S&P Global Ratings	AA-
	Moody's Investors Service Inc.	A1
	Fitch Ratings Inc.	AA-
	DBRS Limited	AA (low)
	A.M. Best Company	A+ (Superior)
John Hancock Life Insurance Co	ompany (U.S.A)	(as at February 8, 2018)
John Hancock Life Insurance Co Purpose	ompany (U.S.A) Rating agency	(as at February 8, 2018) Rating
		· · · · · · · · · · · · · · · · · · ·
Purpose	Rating agency	Rating
Purpose	Rating agency S&P Global Ratings	Rating AA-
Purpose	Rating agency S&P Global Ratings Moody's Investors Service Inc.	Rating AA- A1
Purpose	Rating agency S&P Global Ratings Moody's Investors Service Inc. Fitch Ratings Inc.	Rating AA- A1 AA-

Page 33 GENERAL INFORMATION