



Statistical Information Package

Q1 2018

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Notes to Readers





Use of this document:

Information in the document is supplementary to the Company's first 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 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 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")

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")

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Quarterly amounts stated on a constant exchange rate basis are calculated using Q1 2018 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.

NOTES TO READERS

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FINANCIAL HIGHLIGHTS					Manuli	fe	John Ha	ncock.
(Canadian \$ in millions unless otherwise stated and per share information, unaudited)						0		-
	2018	2017	2017	2017	2017	2018 Q1	2018 Q1	Fiscal
	Q1	Q4	Q3	Q2	Q1	VS.	VS.	2017
						2017 Q1 AER ¹	2017 Q1 CER ²	
Shareholders' Net Income (loss) by Reporting Segment ³								
Asia	448	260	521	508	545	-18%	-17%	1,834
Canada	459	(29)	432	23	128	259%	259%	554
U.S.	538	(2,898)	322	682	693	-22%	-19%	(1,201)
Global Wealth and Asset Management	223	496	206	201	175	27%	32%	1,078
Corporate and other	(296)	565	(376)	(159)	(191)	-	-	(161)
Net income (loss) attributed to shareholders	1,372	(1,606)	1,105	1,255	1,350	2%	6%	2,104
Preferred share dividends	(39)	(40)	(39)	(39)	(41)	-5%		(159)
Common shareholders' net income (loss)	1,333	(1,646)	1,066	1,216	1,309	2%	6%	1,945
Common shareholders' net income (loss) CER	1,333	(1,630)	1,076	1,150	1,256		6%	1,852
Earnings Analysis								
Core earnings								
Asia	427	372	374	350	357	20%	21%	1,453
Canada	290	273	403	278	255	14%	14%	1,209
U.S.	432	463	346	359	441	-2%	2%	1,609
Global Wealth and Asset Management	227	198	216	214	188	21%	24%	816
Corporate and other (excl. core investment gains)	(169)	(201)	(354)	(181)	(186)			(922)
Core investment gains	96	100	100	154	46	109%	109%	400
Total core earnings	1,303	1,205	1,085	1,174	1,101	18%	22%	4,565
Total core earnings CER	1,303	1,208	1,097	1,129	1,071		22%	4,505
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	50	(68)	47	(37)	267	-81%		209
Change in actuarial methods and assumptions	-	(33)	(2)	-	-	-		(35)
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	19	81	(36)	(20)	(18)			7
Net income (loss) attributed to shareholders	1,372	(1,606)	1,105	1,255	1,350	2%	6%	2,104

¹ AER percentage changes are calculated using actual exchange rates.

Selected Performance Measures

Basic earnings (loss) per common share	\$0.67	(\$0.83)	\$0.54	\$0.62	\$0.66	2%	\$ 0	0.98
Basic earnings (loss) per common share CER	\$0.67	(\$0.84)	\$0.53	\$0.65	\$0.69	-3%		
Diluted core earnings per common share	\$0.64	\$0.59	\$0.53	\$0.57	\$0.53	21%	\$ 2	2.22
Diluted earnings (loss) per common share	\$0.67	(\$0.83)	\$0.54	\$0.61	\$0.66	2%	\$ 0	0.98
Return on common shareholders' equity (annualized) (%)	14.1%	(17.1)%	10.8%	12.4%	13.7%	40 bps	5	5.0%
Core ROE (annualized) (%)	13.4%	12.1%	10.6%	11.5%	11.1%	230 bps	11	1.3%

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.

FINANCIAL HIGHLIGHTS (CONT'D) (Canadian \$ in millions unless otherwise stated and per share information, unaudited)				11	Manı	ılife	John Hancock	
,	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017
Earnings Analysis (Pre-tax)								
Core earnings								
Asia	517	457	463	439	446	16%	16%	1,805
Canada	385	361	411	350	336	15%	15%	1,458
U.S.	545	645	471	487	621	-12%	-8%	2,224
Global Wealth and Asset Management	258	243	245	266	229	13%	16%	983
Corporate and other (excl. core investment gains)	(217)	(280)	(459)	(263)	(288)]	(1,290)
Core investment gains	130	96	167	206	53	145%	145%	522
Total core earnings	1,618	1,522	1,298	1,485	1,397	16%	19%	5,702
Items excluded from core earnings	·		•	·				·
Investment-related experience outside of core earnings	_	17	19	184	-	-		220
Direct impact of equity markets and interest rates and variable annuity guarantee liabilities	65	(98)	65	(82)	324	-80%		209
Change in actuarial methods and assumptions	-	(31)	(141)	-	-	_		(172)
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	32	151	(123)	(24)	(22)	-		(18)
Net income attributed to shareholders	1,715	(2,025)	1,118	1,563	1,699	1%	4%	2,355
Earnings Analysis (Tax Rate)								
Core earnings								
Asia	17%	19%	19%	20%	20%			20%
Canada	25%	24%	2%	21%	24%			17%
U.S.	21%	28%	27%	26%	29%			28%
Global Wealth and Asset Management	12%	19%	12%	20%	18%			17%
Corporate and other (excl. core investment gains)	22%	28%	23%	31%	35%			29%
Core investment gains	26%	-4%	40%	25%	13%			23%
Total core earnings ¹	19%	21%	16%	21%	21%			20%
Items excluded from core earnings								
Investment-related experience outside of core earnings	-	-6%	42%	25%	-			24%
Direct impact of equity markets and interest rates and variable annuity guarantee liabilities	23%	31%	28%	55%	18%			0%
Change in actuarial methods and assumptions	-	-6%	99%	-	-			80%
Charge related to decision to change asset mix in legacy business	-	23%	-	-	-			23%
Charge related to U.S. Tax Reform	-	21%	-	-	-			21%
Other	41%	46%	71%	17%	18%			139%
Net income attributed to shareholders	20%	21%	1%	20%	21%			11%

FINANCIAL HIGHLIGHTS - SOURCE OF E	ARNINGS			ı	II Man	ulife	John Hancock		
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017	
Source of Earnings ^{1,2}									
Expected profit from in-force business	935	932	967	957	939	0%	4%	3,795	
Impact of new business	171	204	184	182	204	-16%	-	774	
Core investment gains	130	96	167	206	53	145%	145%	522	
Experience gains (losses) (excl. core investment gains)	214	(175)	(254)	(111)	236	-9%	-8%	(304)	
Management actions and changes in assumptions	18	(3,388)	(283)	(74)	(42)	-	-	(3,787)	
Earnings on surplus funds	97	160	189	188	112	-13%	-7%	649	
Other	(53)	53	(35)	16	36	-	-	70	
Insurance	1,512	(2,118)	935	1,364	1,538	-2%	2%	1,719	
Global Wealth and Asset Management	253	232	234	252	214	18%	21%	932	
Manulife Bank	49	47	51	43	48	2%	3%	189	
Unallocated overhead ³	(99)	(186)	(102)	(96)	(101)	-2%	-1%	(485)	
Income (loss) before income taxes	1,715	(2,025)	1,118	1,563	1,699	1%	4%	2,355	
Income tax (expense) recovery	(343)	419	(13)	(308)	(349)	-2%	3%	(251)	
Net income attributed to shareholders	1,372	(1,606)	1,105	1,255	1,350	2%	6%	2,104	
Preferred share dividends	(39)	(40)	(39)	(39)	(41)	-5%		(159)	
Common shareholders' net income	1,333	(1,646)	1,066	1,216	1,309	2%	6%	1,945	
Expected profit from in-force business CER	935	939	945	918	897		4%	· ·	
Source of Earnings - Core									
Expected profit from in-force business	935	932	967	957	939	0%	4%	3,795	
Impact of new business	171	204	184	182	204	-16%	-17%	774	
Core investment gains	130	96	167	206	53	145%	144%	522	
Experience gains (losses) (excl. core investment gains)	18	(69)	(359)	(196)	(94)	-	-	(718)	
Management actions and changes in assumptions	(2)	(2)	(16)	(38)	(30)	-93%	-92%	(86)	
Earnings on surplus funds	140	169	155	118	99	41%	53%	541	
Other	18	88	5	44	48	-63%	-62%	185	
Insurance	1,410	1,418	1,103	1,273	1,219	16%	19%	5,013	
Global Wealth and Asset Management	258	243	245	265	230	12%	16%	983	
Manulife Bank	49	47	51	43	48	2%	3%	189	
Unallocated overhead ³	(99)	(186)	(101)	(96)	(100)	-1%	-1%	(483)	
Core Earnings before income taxes	1,618	1,522	1,298	1,485	1,397	16%	19%	5,702	
Income tax (expense) recovery	(315)	(317)	(213)	(311)	(296)	6%	9%	(1,137)	
Total Core Earnings	1,303	1,205	1,085	1,174	1,101	18%	22%	4,565	

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.

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

Includes overhead expenses from the Corporate and Other reporting segment.

Glossary

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.

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FINANCIAL HIGHLIGHTS (CONT'D)				111 141	[anuli	ie ,	JohnSH	ancock.
(Canadian \$ in millions unless otherwise stated and per share information, unau	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
						AER	CER	
Annualized Premium Equivalents Sales								
Asia	984	884	920	923	1,020	-4%	-3%	3,747
Canada	290	222	245	524	375	-23%	-23%	1,366
U.S.	113	153	135	165	150	-25%	-20%	603
Total Annualized premium equivalents sales	1,387	1,259	1,300	1,612	1,545	-10%	-10%	5,716
Total Annualized premium equivalents sales CER	1,387	1,274	1,328	1,570	1,534		-10%	5,706
Insurance Sales ¹								
Asia	764	687	731	741	836	-9%	-8%	2,995
Canada	217	163	186	458	299	-27%	-27%	1,106
U.S.	113	153	135	165	150	-25%	-20%	603
Total Insurance sales	1,094	1,003	1,052	1,364	1,285	-15%	-14%	4,704
Total Insurance sales CER	1,094	1,012	1,075	1,330	1,275		-14%	4,692
Asia Canada	1,592 733	1,426 586	1,281 591	1,226 657	1,217 764	31% -4%	32% -4%	5,150 2,598
Total Annuities sales Total Annuities sales CER	2,325 2,325	2,012 2,034	1,872 1,899	1,883 1,831	1,981 1,971	17%	18% 18%	7,748 7,735
² Annuities sales, including single premium accumulation products, in Asia is con	-		-			ium/deposits s		7,733
New Business Value ("NBV") ³								
Asia	325	319	288	268	326	0%	1%	1,201
Canada	49	48	33	52	58	-16%	-16%	191
U.S.	10	16	15	18	2	398%	427%	51
Total New business value	384	383	336	338	386	0%	0%	1,443
Total New business value CER	384	386	343	327	382		0%	1,438
³ New Business Value is not calculated for Global Wealth and Asset Managemen	t businesses, Ma	anulife Bank, Pi	roperty and Ca	sualty Reinsur	ance and GRS	business.		
Global Wealth and Asset Management Gross Flows								
Asia	7,434	8,635	6,914	6,643	5,462	36%	35%	27,654
Canada	8,024	5,643	4,412	4,904	6,014	33%	33%	20,973
U.S.	21,008	17,965	15,698	18,796	20,883	1%	5%	73,342
Total Global Wealth and Asset Management Gross flows	36,466	32,243	27,024	30,343	32,359	13%	16%	121,969
Total Global Wealth and Asset Management Gross flows CER	36,466	32,330	27,452	29,119	31,477		16%	120,378
Global Wealth and Asset Management Net Flows								
Asia	2,008	2,298	1,828	1,467	1,043	93%	97%	6,636
Asia Canada	3,461	723	905	733	1,364	154%	154%	3,725
Asia Canada U.S.	3,461 4,508	723 625	905 1,444	733 3,654	1,364 2,196	154% 105%	154% 114%	3,725 7,919
Asia Canada	3,461	723	905	733	1,364	154%	154%	3,725

FINANCIAL HIGHLIGHTS (CONT'D) (Canadian \$ in millions unless otherwise stated and per share information, unaudited)				111	Manu	life	Johns	Hancock.
	2018 Q1	2017 Q4	2017 Q3	20 <mark>17</mark> Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017
Premiums and Deposits - Insurance								
Net premiums ¹ and investment contract deposits	8,437	8,029	8,315	8,033	8,078	4%		32,455
Segregated fund deposits	2,345	2,151	1,987	1,939	1,885	24%		7,962
ASO premium equivalents	821	823	812	812	742	11%		3,189
Total Premiums and deposits - Insurance	11,603	11,003	11,114	10,784	10,705	8%	10%	43,606
Total Premiums and deposits - Insurance CER	11,603	11,038	11,244	10,430	10,517		10%	43,229
Net premiums include life, health and annuity premiums, and premiums in the Canada Group			ent.	·	·			
Premiums and Deposits - Global Wealth and Asset Management								
Pension premiums and investment contract deposits	12	12	11	12	12	0%		47
Segregated fund deposits	7,383	6,270	6,187	6,605	7,747	-5%		26,809
Mutual fund deposits	21,610	20,999	18,164	19,545	20,669	5%		79,377
Institutional advisory accounts	7,222	4,758	2,494	3,983	3,696	95%		14,931
Other fund deposits ²	239	204	168	198	235	2%		805
Total Premiums and deposits - Global Wealth and Asset Management	36,466	32,243	27,024	30,343	32,359	13%	16%	121,969
Total Premiums and deposits - Global Wealth and Asset Management CER	36,466	32,330	27,452	29,119	31,477		16%	120,378
² Other funds include College Savings (529 plan), Privately Managed Accounts and Guaranteed	Interest Accounts.				·	<u> </u>		
Premiums and Deposits - Corporate & Other	23	20	47	22	21	10%	10%	110
Assets Under Management and Administration ³								
Asia	96,087	91,694	87,095	87,373	85,783	12%	12%	91,694
Canada	144,421	144,620	142,598	144,903	145,109	0%	0%	144,620
U.S.	229,777	228,835	224,407	230,327	232,094	-1%	2%	228,835
Global Wealth and Asset Management ⁴	626,877	609,002	584,434	582,698	575,156	9%	11%	609,002
Corporate and Other	885	(2,875)	(2,724)	(4,141)	(4,124)	-121%	-121%	(2,875)
Total Assets under management and administration	1,098,047	1,071,276	1,035,810	1,041,160	1,034,018	6%	8%	1,071,276
Total Assets under management and administration CER	1,098,047	1,095,861	1,064,084	1,040,460	1,014,155	0,0	8%	1,095,861
³ Assets under management and administration has been restated to include certain non-affilia	ted assets for which	h administrative	services are prov	rided.				
⁴ Global Wealth and Asset Management AUMA at March 31, 2018 is \$812 billion and includes \$					23).			
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Assets Under Management and Administration ³								
Assets Under Management								
General fund	342,389	334,222	325,106	329,296	328,237	4%		334,222
Segregated funds excluding institutional advisory accounts	323,998	322,333	315,057	319,254	321,025	1%		322,333
Mutual funds ⁵	197,854	191,507	182,123	179,979	175,635	13%		191,507
Institutional asset management	100,288	93,089	88,965	88,929	86,591	16%		93,089
Other funds ⁶	7,247	6,937	6,528	6,638	6,477	12%		6,937
Total assets under management	971,776	948,088	917,779	924,096	917,965	6%	8%	948,088
Assets under administration	126,271	123,188	118,031	117,064	116,053	9%	16%	123,188
Total assets under management and administration	1,098,047	1,071,276	1,035,810	1,041,160	1,034,018	6%	8%	1,071,276

⁵ Includes ETF assets.

⁶ Other funds includes College Savings (529 plan).

		111	Manu	John Hancock		
2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
27.77	27.54	26.11	24.87	25.57	9%	27.54
23.55	25.15	23.41	22.61	22.39	5%	22.39
23.92	26.22	25.31	24.31	23.59	1%	26.22
22.16	21.70	20.84	18.95	19.52	14%	21.70
18.22	20.05	18.64	16.62	16.72	9%	16.62
18.58	20.86	20.29	18.76	17.74	5%	20.86
1,983	1,978	1,979	1,977	1,977	0%	1,978
1,983	1,980	1,978	1,977	1,976	0%	1,973
1,989	1,988	1,986	1,984	1,984	0%	1,977
0.220	0.205	0.205	0.205	0.205	7%	0.820
32.2%	nm	38.1%	33.4%	30.8%	5%	83.3%
	27.77 23.55 23.92 22.16 18.22 18.58 1,983 1,983 1,989 0.220	27.77 27.54 23.55 25.15 23.92 26.22 22.16 21.70 18.22 20.05 18.58 20.86 1,983 1,978 1,983 1,980 1,989 1,988 0.220 0.205	2018 2017 2017 Q1 Q4 Q3 27.77 27.54 26.11 23.55 25.15 23.41 23.92 26.22 25.31 22.16 21.70 20.84 18.22 20.05 18.64 18.58 20.86 20.29 1,983 1,978 1,979 1,983 1,980 1,978 1,989 1,988 1,986 0.220 0.205 0.205	2018 Q1 2017 Q4 2017 Q3 2017 Q2 27.77 23.55 25.15 23.92 26.11 23.92 24.87 22.61 23.92 22.16 23.92 26.22 25.31 24.31 22.16 18.22 20.05 18.58 20.05 20.86 18.64 20.29 16.62 18.76 1,983 1,983 1,980 1,983 1,980 1,988 1,986 0.220 1,977 1,984 0.220 1,978 1,986 0.205 1,984 0.205	Q1 Q4 Q3 Q2 Q1 27.77 27.54 26.11 24.87 25.57 23.55 25.15 23.41 22.61 22.39 23.92 26.22 25.31 24.31 23.59 22.16 21.70 20.84 18.95 19.52 18.22 20.05 18.64 16.62 16.72 18.58 20.86 20.29 18.76 17.74 1,983 1,978 1,979 1,977 1,977 1,983 1,980 1,978 1,977 1,976 1,989 1,988 1,986 1,984 1,984 0.220 0.205 0.205 0.205 0.205 0.205	2018 2017 2017 2017 2018 Q1 Q1 Q4 Q3 Q2 Q1 vs. 2017 Q1 27.77 27.54 26.11 24.87 25.57 9% 23.55 25.15 23.41 22.61 22.39 5% 23.92 26.22 25.31 24.31 23.59 1% 22.16 21.70 20.84 18.95 19.52 14% 18.22 20.05 18.64 16.62 16.72 9% 18.58 20.86 20.29 18.76 17.74 5% 1,983 1,978 1,979 1,977 1,977 0% 1,983 1,980 1,978 1,977 1,976 0% 1,983 1,980 1,978 1,977 1,976 0% 1,989 1,988 1,986 1,984 1,984 0% 0.220 0.205 0.205 0.205 0.205 7%

business on May 15, 2018.

Valuation Data

Book value per common share	19.72	18.93	19.68	20.01	19.89	-1%	18.93
Market value to book value ratio	1.21	1.39	1.29	1.22	1.19	2%	1.39
Book value excluding goodwill per common share	16.80	16.04	16.80	17.07	16.92	-1%	16.04
Market value to book value excluding goodwill ratio	1.42	1.63	1.51	1.42	1.39	2%	1.63
Market capitalization (\$ billions)	47.4	51.9	50.1	48.1	46.6	2%	51.9
					-		

Capital Information

Total capital ²	52,510	50,659	51,780	52,003	52,287	0%	50,659
LICAT - The Manufacturers Life Insurance Company ³	129%	n/a	n/a	n/a	n/a	-	n/a
MCCSR - The Manufacturers Life Insurance Company ³	n/a	224%	234%	230%	233%	-	224%

² Total capital includes total equity less AOCI on cash flow hedges 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

To eight Exchange information							
- Statements of Financial Position	(CDN to \$ 1 US)	1.2894	1.2545	1.2480	1.2977	1.3323	-3%
	(CDN to 1 YEN)	0.0121	0.0111	0.0111	0.0116	0.0120	1%
- Statements of Income	(CDN to \$ 1 US)	1.2647	1.2712	1.2528	1.3450	1.3238	-4%
	(CDN to 1 YEN)	0.0117	0.0113	0.0113	0.0121	0.0117	0%

⁴ Unless otherwise indicated, information contained in this supplement is in Canadian dollars. The exchange rates above are used for currency conversion from U.S. dollars and Japanese yen to Canadian dollars for financial statement purposes.

³ The Office of the Superintendent of Financial Institutions' new Life Insurance Capital Adequecy Test ("LICAT") regulatory capital regime came into effect in Canada on January 1, 2018, replacing the Minimum Continuing Capital and Surplus Requirements ("MCCSR") framework. As this is the first quarter we are reporting under LICAT, there are no prior period comparatives.

CONSOLIDATED STATEMENTS OF INCOME (Canadian \$ in millions, unaudited)			Manulife			John Hancock		
	2018	2017	2017	2017	2017	2018 Q1	Fiscal	
	Q1	Q4	Q3	Q2	Q1	vs.	2017	
						2017 Q1		
Revenue								
Premium income								
Gross premiums	9,466	9,035	9,211	9,030	9,085	4%	36,361	
Premiums ceded to reinsurers	(1,141)	(2,092)	(1,968)	(2,056)	(2,035)	-44%	(8,151)	
Net premiums	8,325	6,943	7,243	6,974	7,050	18%	28,210	
Investment income								
Investment income ¹	3,235	3,579	3,309	3,444	3,317	-2%	13,649	
Realized/ unrealized gains (losses) on assets supporting insurance and investment contract liabilities and on macro hedge program ¹	(5,316)	2,988	(1,163)	3,303	590	_	5,718	
Net investment income (loss)	(2,081)	6,567	2,146	6,747	3,907	-	19,367	
Other revenue	2,502	2,737	2,544	2,872	2,593	-4%	10,746	
Total revenue	8,746	16,247	11,933	16,593	13,550	-35%	58,323	
Contract benefits and expenses								
To contract holders and beneficiaries								
Gross claims and benefits	6,647	5,807	6,059	6,525	6,603	1%	24,994	
Change in insurance contract liabilities ²	(2,567)	9,919	2,540	6,113	1,451	-	20,023	
Change in investment contract liabilities	44	31	47	41	54	-19%	173	
Benefits and expenses ceded to reinsurers	(1,213)	(1,887)	(1,901)	(2,218)	(2,152)	-44%	(8,158)	
Change in reinsurance assets	(21)	149	(137)	467	1,790	-	2,269	
Net benefits and claims	2.890	14,019	6,608	10.928	7,746	-63%	39,301	
General expenses	1,835	1,947	1,794	1,785	1,707	7%	7,233	
Investment expenses	406	495	389	398	391	4%	1,673	
Commissions	1,521	1,526	1,475	1,491	1,624	-6%	6,116	
Interest expense	286	295	306	279	259	10%	1,139	
Net premium taxes	94	88	92	94	86	9%	360	
Total contract benefits and expenses	7,032	18,370	10,664	14,975	11,813	-40%	55,822	
Income before income taxes	1,714	(2,123)	1,269	1,618	1,737	-1%	2,501	
Income tax (expense) recovery	(337)	424	(13)	(304)	(346)	-3%	(239)	
Net income	1,377	(1,699)	1,256	1,314	1,391	-1%	2,262	
Less: net income (loss) attributed to non-controlling interests	54	46	33	61	54	0%	194	
Less: net income (loss) attributed to participating policyholders	(49)	(139)	118	(2)	(13)	277%	(36)	
Net income attributed to shareholders	1,372	(1,606)	1,105	1,255	1,350	2%	2,104	
Preferred share dividends	(39)	(40)	(39)	(39)	(41)	-5%	(159)	
Common shareholders' net income	1,333	(1,646)	1,066	1,216	1,309	2%	1,945	

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 POSITION (Canadian \$ in millions, unaudited)			II Manı	ulife	John	Vancock.
	2018	2017	2017	2017	2017	2018 Q1
	Q1	Q4	Q3	Q2	Q1	vs.
						2017 Q1
ASSETS						
Invested assets Cash and short-term securities	17,020	15,965	15,251	15,866	16,011	6%
Securities	17,020	13,703	13,231	13,000	10,011	076
Debt securities	178,198	174,000	168,476	172,103	171,360	4%
Public equities	21,211	21,545	20,430	20,741	20,767	2%
Loans						
Mortgages	45,527	44,742	44,639	44,700	44,245	3%
Private placements	33,373	32,132	31,033	31,125	30,555	9%
Policy loans	5,987	5,808	5,739	5,907	5,999	0%
Loans to bank clients	1,772	1,737	1,735	1,727	1,737	2%
Real estate	14,456	13,810	13,971	14,102	14,226	2%
Other invested assets	24,845	24,483	23,832	23,025	23,337	6%
Total invested assets	342,389	334,222	325,106	329,296	328,237	4%
Other assets Accrued investment income	ງ 212	2 102	2 120	2 1 4 7	2 224	3%
Outstanding premiums	2,313 1,172	2,182	2,128	2,147 843	2,236 888	3% 32%
Derivatives	1,172	1,148 15,569	1,055 16,214	843 18,088	18,320	-25%
Goodwill and intangible assets	9,980	9,840	9,788	9,998	10,085	-25%
Reinsurance assets	31,165	30,359	30,385	31,446	32,784	-5%
Deferred tax asset	4,797	4,569	4,655	4,555	4,442	8%
Miscellaneous	8,175	7,337	7,068	8,106	8,237	-1%
Total other assets	71,423	71,004	71,293	75,183	76,992	-7%
Segregated funds net assets	326,011	324,307	316,977	321,267	323,118	1%
Total assets	739,823	729,533	713,376	725,746	728,347	2%
LIABILITIES AND EQUITY Policy liabilities						
Insurance contract liabilities	310,481	304,605	293,228	298,839	298,816	4%
Investment contract liabilities	3,161	3,126	3,128	3,195	3,249	-3%
Deposits from bank clients	18,976	18,131	18,050	18,238	18,283	4%
Deferred tax liabilities	1,448	1,281	1,882	1,991	1,792	-19%
Derivatives	7,433	7,822	8,920	10,009	10,833	-31%
Other liabilities	15,043	14,927	14,171	14,811	14,485	4%
	356,542	349,892	339,379	347,083	347,458	3%
Long-term debt	4,906	4,784	5,362	5,541	5,661	-13%
Capital instruments	8,275	8,387	7,903	7,630	8,179	1%
Segregated funds net liabilities	326,011	324,307	316,977	321,267	323,118	1%
Total liabilities	695,734	687,370	669,621	681,521	684,416	2%
Equity						
Issued share capital						1 1
Preferred shares	3,822	3,577	3,577	3,577	3,577	7%
Common shares	23,010	22,989	22,930	22,904	22,891	1%
Contributed surplus	275	277	286	287	287	-4%
Shareholders' retained earnings	10,987	10,083	12,135	11,475	10,665	3%
Shareholders' accumulated other comprehensive income (loss)	(205)	(2/4)	(402)	(444)	(41/)	70/
Pension and other post-employment plans	(385)	(364) 179	(403) 14	(411) 49	(416)	-7%
Available-for-sale securities Cash flow hedges	(159) (146)				(188)	-18%
Translation of foreign operations and real estate revaluation surplus	(146) 5,530	(109) 4,381	(122) 4,104	(148) 5,406	(177) 6,262	-18% -12%
Total shareholders' equity	42,934	41,013	42,521	43,139	42,901	0%
Participating policyholders' equity	42,934 173	221	351	233	235	-26%
Non-controlling interests	982	929	883	853	795	24%
Total equity	44,089	42,163	43,755	44,225	43,931	0%

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (Canadian \$ in millions, unaudited)		III N	Ianul	ife	John	Hancock.
(Cariaulari \$ iii miiiloris, uriauurieu)	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	Fiscal 2017
Preferred shares						
Balance, beginning of period	3,577 250	3,577	3,577	3,577	3,577	3,577
Issued Issuance costs, net of tax	(5)	-	-	-	-	-
Balance, end of period	3,822	3,577	3,577	3,577	3,577	3,577
Common shares						
Balance, beginning of period	22,989	22,930	22,904	22,891	22,865	22,865
Issued on exercise of stock options and deferred share units	21	59	26	13	26	124
Balance, end of period	23,010	22,989	22,930	22,904	22,891	22,989
Contributed surplus						
Balance, beginning of period	277	286	287	287	284	284
Exercise of stock options and deferred share units	(3)	(11)	(4)	(2)	(5)	(22)
Stock option expense Balance, end of period	1 275	<u>2</u> 277	3 286	2 287	287	15 277
Data to period	270	277	200	207	207	
Shareholders' retained earnings	10.000	40.405	44 475	10 / / 5	0.750	0.750
Balance, beginning of period Net income attributed to shareholders	10,083 1,372	12,135	11,475 1,105	10,665 1,255	9,759 1,350	9,759 2,104
Preferred share dividends	(39)	(1,606) (40)	(39)	(39)	(41)	(159)
Common share dividends	(429)	(406)	(406)	(406)	(403)	(1,621)
Balance, end of period	10,987	10,083	12,135	11,475	10,665	10,083
Shareholders' accumulated other comprehensive income (loss)						
Balance, beginning of period	4,087	3,593	4,896	5,481	5,347	5,347
Other comprehensive income (loss) Remeasurement of pension and other post-employment plans, net of tax expense of \$16	(21)	39	8	5	1	53
Real estate revaluation reserve, net of tax expense of nil	(21)	20	-	-	<u>'</u>	20
Available-for-sale ("AFS") securities unrealized gains (losses), net of tax recovery of \$128	(325)	197	(23)	233	197	604
AFS securities realized losses (gains) & impairments (recoveries), net of tax expense of \$8	(13)	(32)	(12)	4	8	(32)
Cash flow hedges unrealized gains (losses), net of tax expense of \$39	(40)	8	23	26	53	110
Cash flow hedges realized (gains) losses, net of tax expense of \$1 Unrealized foreign exchange gains (losses), net of \$(118) hedges and tax recovery of \$30	3 1,149	5 257	3 (1,302)	3 (856)	2 (128)	13 (2,029)
Share of other comprehensive income (loss) of associates, net of tax expense of nil	1,147	-	(1,302)	(030)	1	(2,029)
Balance, end of period	4,840	4,087	3,593	4,896	5,481	4,087
Total shareholders' equity, end of period	42,934	41,013	42,521	43,139	42,901	41,013
	,	,	,	,		
Participating policyholders' equity	221	251	222	225	240	240
Balance, beginning of period Net income (loss) attributed to participating policyholders	221 (49)	351 (139)	233 118	235 (2)	248 (13)	248 (36)
Other comprehensive income attributed to participating policyholders	(49)	(139)	-	(2)	(13)	(36)
Balance, end of period	173	221	351	233	235	221
Non-controlling interests						
Balance, beginning of period	929	883	853	795	743	743
Net income (loss) attributed to non-controlling interests	54	46	33	61	54	194
Other comprehensive income (loss) attributed to non-controlling interests	(2)	(2)	-	-	- [(2)
Contributions (distributions), net	1	2	(3)	(3)	(2)	(6)
Balance, end of period	982	929	883	853	795	929
Total equity, end of period	44,089	42,163	43,755	44,225	43,931	42,163
rotal equity, end of period	44,007	42,103	45,755	44,220	43,731	42,103

CONSOLIDATED STATEMENTS OF CASH FLOWS (Canadian \$ in millions, unaudited)		Manulife			John Hancock		
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
Operating activities							
Net income (loss)	1,377	(1,699)	1,256	1,314	1,391	-1%	2,262
Adjustments							
Increase (decrease) in insurance contract liabilities	(2,567)	9,919	2,540	6,113	1,451	-	20,023
Increase (decrease) in investment contract liabilities	44	31	47	41	54	-19%	173
Decrease (increase) in reinsurance assets	(21)	149	(137)	467	1,790	-	2,269
Amortization of premium/discount on invested assets	56	52	102	41	35	60%	230
Other amortization	139	155	140	134	131	6%	560
Net realized (gains) losses, including impairments on assets	4,825	(3,226)	782	(3,516)	(1,228)	_	(7,188)
Deferred income tax expense (recovery)	1	(676)	(220)	(24)	589	-100%	(331)
Stock option expense	1	2	3	2	8	-88%	15
Cash provided by operating activities before undernoted items	3,855	4,707	4,513	4,572	4,221	-9%	18,013
Changes in policy related and operating receivables and payables	(7)	429	86	299	(1,036)	-99%	(222)
Cash provided by operating activities	3,848	5,136	4,599	4,871	3,185	21%	17,791
Investing activities	-,	-,,,,,	.,,	.,	7,		,
Purchases and mortgage advances	(23,610)	(19,669)	(23,689)	(22,500)	(21,366)	11%	(87,224)
Disposals and repayments	19,892	15,642	18,616	18,716	17,746	12%	70,720
Changes in investment broker net receivables and payables	(21)	33	28	32	134	-116%	227
Net cash decrease from sale and purchase of subsidiaries and businesses	(21)	33	20	(10)	134	-11076	(10)
Cash provided by (used in) investing activities	(3,739)	(3,994)	(5,045)	(3,762)	(3,486)	7%	(16,287)
Financing activities	(3,737)	(3,774)	(3,043)	(3,702)	(3,400)	770	(10,207)
Increase (decrease) in repurchase agreements and securities sold but not yet purchased	137	(281)	251	(152)	153	-10%	(29)
Issue of long-term debt, net	-	-	-	-	-	-	-
Redemption of long-term debt, net	-	(600)	(7)	-	-	-	(607)
Issue (redemption) of capital instruments, net	(200)	469	346	(499)	994	-	1,310
Changes in deposits from bank clients, net	840	85	(166)	(36)	378	122%	261
Shareholder dividends paid in cash	(468)	(446)	(445)	(445)	(444)	5%	(1,780)
NCI dividends paid in cash	· -	` 1 [′]		(1)	` -	-	-
Secured borrowings from securitization transactions	-	98	202	250	191	-100%	741
Contributions from (distributions to) non-controlling interest, net	1	1	(3)	(2)	(2)	-	(6)
Common shares issued, net	21	59	26	13	26	-19%	124
Preferred shares issued, net	245	_	-	-	-	-	-
Cash provided by (used in) financing activities	576	(614)	204	(872)	1,296	-56%	14
Cash and short-term securities					•		
Increase (decrease) during the period	685	528	(242)	237	995	-31%	1,518
Effect of foreign exchange rate changes on cash and short-term securities	345	60	(408)	(285)	(25)	1 1	(658)
Balance, beginning of period	15,098	14,510	15,160	15,208	14,238	6%	14,238
Balance, end of period	16,128	15,098	14,510	15,160	15,208	6%	15,098
	,		.,				
Cash and short-term securities							
Beginning of period Gross cash and short-term securities	15.045	15 251	15 04/	14 011	15 151	E0/	15 151
	15,965	15,251	15,866	16,011	15,151	5%	15,151
Net payments in transit, included in other liabilities	(867)	(741)	(706)	(803)	(913)	-5%	(913)
Net cash and short-term securities, beginning of period	15,098	14,510	15,160	15,208	14,238	6%	14,238
End of period Gross cash and short-term securities	17.000	15.0/5	15.051	15.077	1/ 011	100	15.0/5
	17,020	15,965	15,251	15,866	16,011	6%	15,965
Net payments in transit, included in other liabilities Net cash and short-term securities, end of period	(892)	(867)	(741)	(706)	(803)	11%	(867)
iver cash and short-term securities, end of period	16,128	15,098	14,510	15,160	15,208	6%	15,098

ASIA (U.S. \$ in millions, unless otherwise stated, unaudited)	is, unless otherwise stated, unaudited)					John Hancock		
Caracter and an action of the control of the contro	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017	
Statements of Income								
Revenue								
Premium income								
Gross premiums	3,691	3,120	3,245	2,988	3,147	17%	12,500	
Premiums ceded to reinsurers	(143)	(116)	(21)	(114)	(133)	8%	(384)	
Investment income	407	407	400	389	347	17%	1,543	
Other revenue	208	239	112	207	161	29%	719	
Subtotal revenue	4,163	3,650	3,736	3,470	3,522	18%	14,378	
Realized/ unrealized gains on invested assets supporting insurance								
and investment contract liabilities ¹	(759)	368	268	569	358	-	1,563	
Total revenue	3,404	4,018	4,004	4,039	3,880	-12%	15,941	
Contract benefits and expenses								
To contract holders and beneficiaries								
Gross benefits and claims paid and change in insurance contract liabilities ¹	2,171	2,923	2,600	2,779	2,555	-15%	10,857	
Ceded benefits and expenses and change in reinsurance assets	(89)	(50)	(43)	(101)	(52)	71%	(246)	
Change in investment contract liabilities	(6)	-	-	-	-	-	-	
General expenses	381	417	389	377	346	10%	1,529	
Investment expenses	30	27	23	20	21	43%	91	
Commissions	458	434	440	417	426	8%	1,717	
Other	42	39	37	37	37	14%	150	
Total contract benefits and expenses	2,987	3,790	3,446	3,529	3,333	-10%	14,098	
Income (loss) before income taxes	417	228	558	510	547	-24%	1,843	
Income tax (expense) recovery	(72)	(67)	(82)	(83)	(80)	-10%	(312)	
Net income (loss)	345	161	476	427	467	-26%	1,531	
Less net income (loss) attributed to non-controlling interests	44	35	25	45	40	10%	145	
Less net income (loss) attributed to participating policyholders	(54)	(79)	35	5	15	-	(24)	
Net income (loss) attributed to shareholders	355	205	416	377	412	-14%	1,410	
Net income (loss) attributed to shareholders CER	355	206	420	386	427	-17%	1,439	

¹ 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.

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ASIA (CONT'D)				[[]	JohnSho	Hancock.		
(U.S. \$ in millions, unless otherwise stated, unaudited)								0
	2018	2017	2017	2017	2017	2018 Q1	2018 Q1	Fiscal
	Q1	Q4	Q3	Q2	Q1	vs.	vs.	2017
						2017 Q1 AER ¹	2017 Q1 CER ²	
Earnings Analysis								
Hong Kong	145	140	125	104	102	42%	42%	471
Japan	105	103	112	109	116	-9%	-14%	440
Asia Other	119	82	92	85	88	35%	28%	347
Regional Office	(31)	(32)	(31)	(38)	(36)	-14%	-14%	(137)
Total Core earnings (loss)	338	293	298	260	270	25%	21%	1,121
Total Core earnings CER	338	299	302	266	280		21%	1,147
Items excluded from core earnings								
Investment-related experience outside of core earnings	38	49	39	46	52	-27%		186
Direct impact of equity markets and interest rates and								
variable annuity guarantee liabilities	(21)	(110)	(49)	71	90	-		2
Change in actuarial methods and assumptions	-	4	128	-	-	-		132
Other	=	(31)	-	-	-	-		(31)
Net income (loss) attributed to shareholders	355	205	416	377	412	-14%	-17%	1,410
Source of Earnings - Core ³								
Expected profit from in-force business	192	195	189	182	175	10%	7%	741
Impact of new business	150	142	152	125	145	3%	-2%	564
Experience gains (losses)	-	(42)	(29)	(36)	(34)	-	-	(141)
Management actions and changes in assumptions	-	-	-	-	-	- 1	-	<u>-</u>
Earnings on surplus funds	33	27	27	28	26	27%	26%	108
Other	33	38	29	27	26	27%	18%	120
Core earnings before income taxes	408	360	368	326	338	21%	16%	1,392
Income tax (expense) recovery	(70)	(67)	(70)	(66)	(68)	3%	-2%	(271)
Total Core earnings	338	293	298	260	270	25%	21%	1,121

¹ AER percentage changes are calculated using actual exchange rates.

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

³ 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)				111	Manu	ılife	John W	ancock.
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017
Annualized Premium Equivalents Sales								
Hong Kong	149	172	152	125	135	10%	10%	584
Japan	257	220	257	293	332	-23%	-26%	1,102
Asia Other	372	304	325	268	304	22%	16%	1,201
Total Annualized premium equivalents sales	778	696	734	686	771	1%	-3%	2,887
Total Annualized premium equivalents sales CER	778	711	748	705	803		-3%	2,967
Insurance Sales								
Hong Kong	111	135	117	97	117	-5%	-5%	466
Japan	150	125	161	206	236	-36%	-39%	728
Asia Other	343	281	305	248	279	23%	16%	1,113
Total Insurance sales	604	541	583	551	632	-4%	-8%	2,307
Total Insurance sales CER	604	551	596	566	659		-8%	2,372
Annuities Sales								
Hong Kong	381	373	350	276	178	114%	114%	1,177
Japan	590	506	482	431	494	19%	14%	1,913
Asia Other	288	243	190	204	248	16%	11%	885
Total Annuities sales	1,259	1,122	1,022	911	920	37%	32%	3,975
Total Annuities sales CER	1,259	1,146	1,035	927	955		32%	4,063
New Business Value (NBV)								
Hong Kong	92	119	94	64	70	31%	31%	347
Japan	75	61	60	71	107	-30%	-33%	299
Asia Other	90	71	75	65	69	30%	24%	280
Total NBV	257	251	229	200	246	4%	1%	926
Total NBV CER	257	255	232	204	255		1%	946
New Business Value (NBV) Margin ¹								
Hong Kong	61.8%	68.8%	62.0%	51.0%	52.1%			
Japan	29.0%	28.1%	23.1%	24.3%	32.2%			
Asia Other	29.1%	25.9%	26.7%	27.7%	28.4%			
Total NBV margin	35.9%	37.7%	33.2%	30.6%	34.7%			
Total NBV margin CER	35.9%	37.5%	33.0%	30.5%	34.5%			

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.

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ASIA (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)				111	lancock.			
(0.3. \$ III millions, driftess otherwise stated, driaddred)	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017
Premiums and Deposits								
Premiums and investment contract deposits	3,550	3,006	3,224	2,876	3,014	18%		12,120
Segregated fund and other deposits	910	838	740	626	519	75%		2,723
Total Premiums and deposits	4,460	3,844	3,964	3,502	3,533	26%	22%	14,843
Total Premiums and deposits CER	4,460	3,925	4,034	3,583	3,669		22%	15,211
Premiums and Deposits by Business Units								
Hong Kong	1,204	1,257	1,157	1,053	886	36%	36%	4,353
Japan	1,723	1,285	1,474	1,253	1,442	19%	14%	5,454
Asia Other	1,533	1,302	1,333	1,196	1,205	27%	21%	5,036
Total Premiums and deposits	4,460	3,844	3,964	3,502	3,533	26%	22%	14,843
Total weighted premium income (TWPI) Hong Kong	782	864	794	756	707	11%	11%	3,121
Japan	1,334	952	1,069	990	1,136	17%	12%	4,147
Asia Other	976	865	825	742	741	32%	25%	3,173
TWPI	3,092	2,681	2,688	2,488	2,584	20%	15%	10,441
TWPI CER	3,092	2,740	2,736	2,544	2,677		15%	10,697
Assets Under Management								
General fund	59,485	58,009	55,266	52,908	50,199	18%		58,009
Segregated funds	15,034	15,074	14,537	14,432	14,182	6%		15,074
Total Assets under management	74,519	73,083	69,803	67,340	64,381	16%	12%	73,083
Total Assets under management CER	74,519	75,009	71,918	69,508	66,449		12%	75,009
Number of Agents								
Hong Kong	7,633	7,725	6,993	6,950	6,894	11%		7,725
Japan	2,272	2,363	2,324	2,300	2,308	-2%		2,363
Asia Other	58,455	60,303	62,014	60,492	58,798	-1%		60,303
Total Number of Agents	68,360	70,391	71,331	69,742	68,000	1%		70,391
Canadian \$ in millions - Key Metrics								
Core earnings	427	372	374	350	357	20%	21%	1,453
Items excluded from core earnings	21	(112)	147	158	188	-89%		381
Net income (loss) attributed to shareholders	448	260	521	508	545	-18%	-17%	1,834
Annualized Premium Equivalents Sales	984	884	920	923	1,020	-4%	-3%	3,747
Insurance Sales	764	687	731	741	836	-9%	-8%	2,995
Annuities Sales	1,592	1,426	1,281	1,226	1,217	31%	32%	5,150
New Business Value (NBV)	325	319	288	268	326	0%	1%	1,201
Premiums and Deposits	5,640	4,885	4,966	4,708	4,679	21%	22%	19,238
Assets Under Management	96,087	91,694	87,095	87,373	85,783	12%	12%	91,694

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CANADA (Canadian \$ millions, unaudited)	_				nulife	John Hancock.		
(Cariadian & minions, Griadunea)	2018	2017	2017	2017	2017	2018 Q1	Fiscal	
	Q1	Q4	Q3	Q2	Q1	vs. 2017 Q1	2017	
Statements of Income								
Revenue								
Premium income								
Gross premiums	2,567	2,585	2,508	2,516	2,515	2%	10,124	
Premiums ceded to reinsurers	(414)	(1,366)	(1,390)	(1,311)	(1,292)	-68%	(5,359)	
Investment income	1,067	1,030	975	983	970	10%	3,958	
Other revenue	362	468	441	539	414	-13%	1,862	
Subtotal revenue	3,582	2,717	2,534	2,727	2,607	37%	10,585	
Realized/ unrealized gains on invested assets supporting insurance								
and investment contract liabilities ¹	(388)	1,549	(1,759)	478	334	-	602	
Total revenue	3,194	4,266	775	3,205	2,941	9%	11,187	
Contract benefits and expenses								
To contract holders and beneficiaries								
Gross benefits and claims paid and change in insurance contract liabilities ¹	2,052	4,578	(674)	3,418	2,934	-30%	10,256	
Ceded benefits and expenses and change in reinsurance assets	(316)	(1,067)	130	(968)	(964)	-67%	(2,869)	
Change in investment contract liabilities	12	8	7	8	12	0%	35	
General expenses	337	345	331	348	330	2%	1,354	
Investment expenses	89	92	87	87	85	5%	351	
Commissions	267	300	274	253	342	-22%	1,169	
Other	140	155	114	115	118	19%	502	
Total contract benefits and expenses	2,581	4,411	269	3,261	2,857	-10%	10,798	
Income (loss) before income taxes	613	(145)	506	(56)	84	630%	389	
Income tax (expense) recovery	(135)	77	1	70	11	-	159	
Net income (loss)	478	(68)	507	14	95	403%	548	
Less: net income (loss) attributed to participating policyholders	19	(39)	75	(9)	(33)	-	(6)	
Net income (loss) attributed to shareholders	459	(29)	432	23	128	259%	554	

¹ 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.

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CANADA (CONT'D) (Canadian \$ millions, unaudited)				III Man	ulife	John Hancock		
(canadan \$ millions, diladdica)	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017	
Earnings Analysis								
Insurance	166	171	252	167	145	14%	735	
Annuities	87	67	114	79	74	18%	334	
Manulife Bank	37	35	37	32	36	3%	140	
Total core earnings (loss)	290	273	403	278	255	14%	1,209	
Items excluded from core earnings								
Investment-related experience outside of core earnings	145	76	(125)	(12)	(38)	-	(99)	
Direct impact of equity markets and interest rates and				, ,	`			
variable annuity guarantee liabilities ¹	(60)	(21)	115	(238)	(83)	-28%	(227)	
Change in actuarial methods and assumptions	-	(7)	43	-	-		36	
Charge related to decision to change asset mix in legacy business	-	(343)	-	-	-	_	(343)	
Other	84	(7)	(4)	(5)	(6)	_	(22)	
Net income (loss) attributed to shareholders	459	(29)	432	23	128	259%	554	
¹ Segregated fund products include guarantees. These products are also referred to as variable annuities.								
Source of Earnings - Core	054	250	2/2	2/2	257	207	1.000	
Expected profit from in-force business	251	258	262	262	256	-2%	1,038	
Impact of new business	(2)	(1)	(11)	(20)	- ((1)	. 204	(32)	
Experience gains (losses)	(23)	(40)	15	(31)	(61)	-62%	(117)	
Management actions and changes in assumptions	-	-	-	-	-	100/		
Earnings on surplus funds	103	92	92	91	92	12%	367	
Other	,	5	2	5	1 200	600%	13	
Insurance Manulifa Park	336	314	360	307	288	17%	1,269	
Manulife Bank	49	47	51	43	48	2% 15%	189	
Core Earnings before income taxes	385	361	411	350	336		1,458	
Income tax (expense) recovery	(95)	(88)	(8)	(72)	(81)	17%	(249)	
Total Core Earnings	290	273	403	278	255	14%	1,209	

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CANADA (CONT'D) (Canadian \$ millions, unaudited)				Manulife		John Hancou	
	2018	2017	2017	2017	2017	2018 Q1	Fiscal
	Q1	Q4	Q3	Q2	Q1	VS.	2017
						2017 Q1	
Annualized Premium Equivalents Sales							
Individual Insurance	54	67	66	67	91	-41%	291
Group Insurance	163	96	120	391	208	-22%	815
Annuities	73	59	59	66	76	-4%	260
Total Sales	290	222	245	524	375	-23%	1,366
Annuities Sales ¹							
Retail segregated fund products ²	696	550	532	596	719	-3%	2,397
Fixed Products	38	36	59	61	45	-16%	201
Total Annuities Sales	734	586	591	657	764	-4%	2,598
Premiums and Deposits							
Net premiums ³ and investment contract deposits	2,285	2,324	2,237	2,284	2,272	1%	9,117
Segregated fund deposits	697	551	532	598	719	-3%	2,400
ASO premium equivalents	821	823	812	811	743	10%	3,189
Total premiums and deposits	3,803	3,698	3,581	3,693	3,734	2%	14,706
³ Net premiums include life, health and annuity premiums, and premiums in the Ca Premiums and Deposits by Business	anada Group Benefits re	insurance ceded agr	eement.				
Individual Insurance	817	930	811	871	878	-7%	3,490
Group Insurance	2,252	2,181	2,179	2,164	2,091	8%	3,770
							8,615
Annuities	734	587	591	658	765	-4%	
Total premiums and deposits	734 3,803	587 3,698	591 3,581	658 3,693	765 3,734	-4% 2%	8,615
Total premiums and deposits Assets Under Management	3,803	3,698					8,615 2,601 14,706
Total premiums and deposits	3,803 87,770				3,734 88,944		8,615 2,601 14,706
Total premiums and deposits Assets Under Management	3,803 87,770 20,735	3,698	3,581 86,252 20,090	3,693 88,659 19,839	3,734 88,944 19,618	2% -1% 6%	8,615 2,601 14,706
Assets Under Management General funds, excluding Manulife Bank net lending assets Manulife Bank net lending assets Segregated funds	3,803 87,770 20,735 35,916	3,698 87,733 20,427 36,460	3,581 86,252 20,090 36,256	3,693 88,659 19,839 36,405	3,734 88,944 19,618 36,547	-1% 6% -2%	8,615 2,601 14,706 87,733 20,427 36,460
Assets Under Management General funds, excluding Manulife Bank net lending assets Manulife Bank net lending assets	3,803 87,770 20,735	3,698 87,733 20,427	3,581 86,252 20,090	3,693 88,659 19,839	3,734 88,944 19,618	2% -1% 6%	8,615 2,601 14,706 87,733 20,427

Page 18 CANADA (CONT'D)

U.S. (U.S. \$ in millions, unless otherwise stated, unaudited)				III Mar	nulife	John Hancock.	
(c.s. ¢ iii millons, dilless other vise stated, diladated)	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
Statements of Income							
Revenue							
Premium income							
Gross premiums	1,751	1,945	2,073	1,843	1,806	-3%	7,667
Premiums ceded to reinsurers	(436)	(462)	(446)	(444)	(434)	0%	(1,786)
Investment income	1,337	1,501	1,430	1,381	1,377	-3%	5,689
Other revenue	496	544	602	595	600	-17%	2,341
Subtotal revenue	3,148	3,528	3,659	3,375	3,349	-6%	13,911
Realized/ unrealized gains (losses) on invested assets supporting insurance							
and investment contract liabilities ¹	(3,132)	806	239	1,585	(135)	nm	2,495
Total revenue	16	4,334	3,898	4,960	3,214	-100%	16,406
Contract benefits and expenses							
To contract holders and beneficiaries							
Gross benefits and claims paid and change in insurance contract liabilities ¹	(559)	5,847	4,614	4,073	1,466	-	16,000
Ceded benefits and expenses and change in reinsurance assets	(638)	(473)	(1,705)	(487)	352	-	(2,313)
Change in investment contract liabilities	5	12	11	12	12	-58%	47
General expenses	272	222	263	211	208	31%	904
Investment expenses	72	143	80	81	80	-10%	384
Commissions	296	306	299	290	315	-6%	1,210
Other	36	37	31	42	22	64%	132
Total contract benefits and expenses	(516)	6,094	3,593	4,222	2,455		16,364
Income (loss) before income taxes	532	(1,760)	305	738	759	-30%	42
Income tax (expense) recovery	(107)	(520)	(48)	(231)	(235)	-54%	(1,034)
Net income (loss) attributed to shareholders	425	(2,280)	257	507	524	-19%	(992)

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.

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U.S. (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)				∭ Ma	nulife	John	Hancock.
,	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
Earnings Analysis							
U.S. Insurance	199	290	156	168	222	-10%	836
U.S. Annuities	142	75	120	99	111	28%	405
Total core earnings (loss)	341	365	276	267	333	2%	1,241
Items excluded from core earnings							
Investment-related experience outside of core earnings	(80)	(27)	145	122	23	-	263
Direct impact of equity markets and interest rates and							
variable annuity guarantee liabilities	212	59	39	118	168	26%	384
Change in actuarial methods and assumptions	-	(24)	(171)	-	-	-	(195)
Charge related to decision to change asset mix in legacy business	-	(542)	-	-	-	-	(542)
Charge related to U.S. Tax Reform	-	(2,220)	-	-	-	-	(2,220)
Other	(48)	109	(32)	-	-	-	77
Total net income (loss) attributed to shareholders	425	(2,280)	257	507	524	-19%	(992)
Source of Earnings - Core							
Expected profit from in-force business	339	334	343	330	322	5%	1,329
Impact of new business	(14)	19	3	24	10	-	56
Experience gains (losses)	28	6	(55)	(93)	16	75%	(126)
Management actions and changes in assumptions	-	9	-	(14)	(1)	-	(6)
Earnings on surplus funds	100	112	112	112	112	-11%	448
Other	(23)	28	(28)	4	9	-	13
Core Earnings before income taxes	430	508	375	363	468	-8%	1,714
Income tax (expense) recovery	(89)	(143)	(99)	(96)	(135)	-34%	(473)
Total Core Earnings	341	365	276	267	333	2%	1,241

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U.S. (CONT'D) (U.S. \$ in millions, unless otherwise stated, unaudited)				III Ma	nulife	John &	Hancock.
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
Annualized Premium Equivalents Sales							
JH Life	90	121	107	123	113	-20%	464
Total Sales	90	121	107	123	113	-20%	464
Premiums and Deposits							
Premiums and investment contract deposits	1,315	1,483	1,627	1,399	1,372	-4%	5,881
Segregated fund deposits	394	421	420	373	361	9%	1,575
Total premiums and deposits	1,709	1,904	2,047	1,772	1,733	-1%	7,456
Premiums and Deposits							
JH Life	937	1,019	1,201	994	982	-5%	4,196
JH Long-Term Care	552	570	577	561	556	-1%	2,264
JH Annuities	220	315	269	217	195	13%	996
Total premiums and deposits	1,709	1,904	2,047	1,772	1,733	-1%	7,456
Assets Under Management							
General fund	117,999	120,237	118,015	116,479	113,772	4%	120,237
Segregated funds	60,205	62,174	61,798	61,010	60,438	0%	62,174
Total assets under management	178,204	182,411	179,813	177,489	174,210	2%	182,411
Canadian \$ in millions - Key Metrics							
Core earnings	432	463	346	359	441	-2%	1,609
Items excluded from core earnings	106	(3,361)	(24)	323	252	-58%	(2,810)
Net income (loss) attributed to shareholders	538	(2,898)	322	682	693	-22%	(1,201)
Annualized Premium Equivalents Sales	113	153	135	165	150	-25%	603
Total premiums and deposits	2,160	2,422	2,565	2,382	2,294	-6%	9,663
Total assets under management	229,777	228,835	224,407	230,327	232,094	-1%	228,835

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(Canadian \$ in millions, unaudited)					A anul		Jourson	incock.
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER ¹	2018 Q1 vs. 2017 Q1 CER ²	Fiscal 2017
Shareholders' Income Statement								
Revenue								
Fee income	1,344	1,336	1,266	1,299	1,257	7%		5,158
Investment income	3	. 5	9	16	12	-75%		42
Total revenue	1,347	1,341	1,275	1,315	1,269	6%		5,200
Expenses				·	,			,
General, administrative and investment expenses	783	813	754	764	742	6%		3,073
Commissions	311	297	287	300	312	0%		1,196
Total expenses	1,094	1,110	1,041	1,064	1,054	4%		4,269
Income before income taxes	253	231	234	251	215	18%		931
Income tax (expense) recovery	(30)	265	(28)	(50)	(40)	-25%		147
Net income attributed to shareholders	223	496	206	201	175	27%	32%	1,078
Net income attributed to shareholders CER	223	493	207	192	169		32%	1,061
Farnings (loss) Analysis								
Earnings (loss) Analysis Core earnings								
	71	40	EE	e e	E1	39%	47%	210
Asia Canada	71 59	49 62	55 62	55 66	51	39% -6%	47% -6%	210
U.S.	59 97				63		-6% 37%	253
Core earnings	227	87 198	99 216	93 214	74 188	31% 21%	24%	353 816
Core earnings Core earnings CER	227	198	217	205	183	2170	24%	803
Items excluded from core earnings	221	170	217	203	103		24 /0	003
Impact related to U.S. Tax Reform	_	308	_	_	_	1 _1		308
Other	(4)	(10)	(10)	(13)	(13)	-69%		(46)
Net income attributed to shareholders	223	496	206	201	175	27%	32%	1,078
Core EDITDA hu Coo manhia Course 3					.	-	<u> </u>	
Core EBITDA by Geographic Source ³	02		/0	70	(0)	4007	F10/	0/7
Asia	93	65 107	69	70	63	48%	51%	267
Canada U.S.	106	107	102	111	113	-6%	-6% 8%	433
Core EBITDA	161 360	183 355	181 352	196 377	166 342	-3% 5%	8% 8%	726 1,426
Core EBITDA CER	360	353	352 355	361	333	5%	8% 8%	1,426
Amortization of deferred acquisition costs and other Depreciation	73	87	84	88	85	-14%	0 70	344
Amortization of deferred acquisition costs and other depreciation Amortization of deferred sales commissions	73 29	87 25	23	23	28	-14% 4%		99
Total depreciation and amortization	102	112	107	111	113	-10%		443
Core earnings before income taxes	258	243	245	266	229	13%		983
Core income tax (expense) recovery	(31)	(45)	(29)	(52)	(41)	-24%		(167)
Core Earnings	227	198	216	214	188	21%	24%	816
Come EDITO Managin 4		0/ =0/	07.101	00.707	07.00	06:		0= 10:
Core EBITDA Margin ⁴	26.7%	26.5%	27.6%	28.7%	27.0%	-30 bps		27.4%
Deferred Acquisition Costs and Deferred Sales Commissions by Geographic Source						_	_	
Asia	363	345	333	332	330	10%		345
Canada	249	249	248	248	248	0%		249
U.S.	1,735	1,684	1,674	1,747	1,796	-3%		1,684
Total deferred acquisition costs and deferred sales commissions	2,347	2,278	2,255	2,327	2,374	-1%		2,278

¹ AER percentage changes are calculated using actual exchange rates.

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

³ 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).

⁴ Core EBITDA margin is Core EBITDA divided by total revenue.

GLOBAL WEALTH AND ASSET MANAGEMENT (CONT'D) (Canadian \$ in millions, unaudited)					III Mai	nulife	John	Hancock.
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1 AER	2018 Q1 vs. 2017 Q1 CER	Fiscal 2017
Assets Under Management and Administration by Geographic Source								
Asia	143,706	135,288	128,794	128,086	124,553	15%	18%	135,288
Canada	208,219	205,670	197,819	195,297	193,262	8%	8%	205,670
U.S. and other	460,171	448,848	434,695	437,783	436,051	6%	9%	448,848
Total WAM-managed Assets under management and administration	812,096	789,806	761,308	761,166	753,866	8%	14%	789,806
Less: Assets managed on behalf of other segments ¹	(185,219)	(180,804)	(176,874)	(178,468)	(178,710)	4%		(180,804)
Assets under management and administration	626,877	609,002	584,434	582,698	575,156	9%	11%	609,002
Assets under management and administration CER	626,877	622,847	600,276	581,720	563,295		11%	622,847
T A.V.	75 575	71 402	// 740	/ 5 572	(2.500	100/	100/	71 402
Asia	75,575	71,403	66,748	65,573	63,599	19%	19%	71,403
Canada	166,788	164,069	157,615	155,640	153,628	9%	9%	164,069
U.S. and other Assets under management and administration	384,514 626,877	373,530 609,002	360,071 584,434	361,485 582,698	357,929 575,156	7% 9%	11% 11%	373,530 609,002
Assets under management and administration	020,077	007,002	304,434	302,070	373,130	770	1170	009,002
Assets under administration ²	126,271	123,188	118,031	117,064	116,053	9%	16%	123,188
Assets Under Management and Administration by Business Line								
Retail	216,502	211,092	201,006	199,025	195,112	11%	13%	211,092
Retirement	316,187	310,607	299,265	299,285	297,580	6%	9%	310,607
Institutional Asset Management ³	94,188	87,303	84,163	84,388	82,464	14%	15%	87,303
Assets under management and administration	626,877	609,002	584,434	582,698	575,156	9%	11%	609,002
Changes in Assets Under Management and Administration								
Beginning balance	609,002	584,434	582,698	575,156	554,106	10%		554,106
Gross flows	36,466	32,243	27,024	30,343	32,359	13%		121,969
Manulife Securities non-proprietary product net flows	315	78	353	256	359	-12%		1,046
Exchange traded fund net flows ⁴	116	191	43	322	105	10%		661
Redemptions	(26,920)	(28,866)	(23,243)	(25,067)	(28,220)	-5%		(105,396)
Investment income (loss) and other	7,898	20,922	(2,441)	1,688	16,447	-52%		36,616
Ending balance	626,877	609,002	584,434	582,698	575,156	9%	11%	609,002

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

² Reflects WAM-sourced assets under administration included in Assets under management and administration.

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.

⁴ Excludes ETF assets that are managed on behalf of insurance businesses.

GLOBAL WEALTH AND ASSET MANAGEMENT (CONT'D) (Canadian \$ in millions, unaudited)				111	Manu	llife	Johns	Hancock.
	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
						AER	CER	
Net Flows by Geographic Source								
Asia	2,008	2,298	1,828	1,467	1,043	93%	97%	6,636
Canada	3,461	723	905	733	1,364	154%	154%	3,725
U.S. and other	4,508	625	1,444	3,654	2,196	105%	114%	7,919
Total Net flows	9,977	3,646	4,177	5,854	4,603	117%	123%	18,280
Total Net flows CER	9,977	3,665	4,241	5,571	4,481		123%	17,958
Net Flows by Business Line								
Retail	3,256	3,695	3,193	3,925	2,128	53%	54%	12,941
Retirement	1,453	(1,315)	196	613	808	80%	92%	302
Institutional Asset Management ¹	5,268	1,266	788	1,316	1,667	216%	225%	5,037
Total Net flows	9,977	3,646	4,177	5,854	4,603	117%	123%	18,280
Gross Flows by Geographic Source								
Asia	7,434	8,635	6,914	6,643	5,462	36%	35%	27,654
Canada	8,024	5,643	4,412	4,904	6,014	33%	33%	20,973
U.S. and other	21,008	17,965	15,698	18,796	20,883	1%	5%	73,342
Total Gross flows	36,466	32,243	27,024	30,343	32,359	13%	16%	121,969
Total Gross flows CER	36,466	32,330	27,452	29,119	31,477		16%	120,378
Gross Flows by Business Line								
Retail	17,424	16,072	14,422	15,925	16,742	4%	7%	63,161
Retirement	11,820	11,413	10,108	10,435	11,921	-1%	3%	43,877
Institutional Asset Management ¹	7,222	4,758	2,494	3,983	3,696	95%	99%	14,931
Total Gross flows	36,466	32,243	27,024	30,343	32,359	13%	16%	121,969

Total Gross flows

Tincludes only the third party institutional business of Manulife Asset Management and not business from affiliates and the General Fund.

CORPORATE AND OTHER (Canadian \$ in millions, unaudited)			11	Manı	ılife	John I	lancock.
(Carladian \$ III millions, diladdited)	2018 Q1	2017 Q4	2017 Q3	2017 Q2	2017 Q1	2018 Q1 vs. 2017 Q1	Fiscal 2017
Statements of Income							
Revenue							
Gross investment income before items below	243	227	262	256	271	-10%	1,016
Gains (losses) on AFS equities	80	93	117	79	74	8%	363
Gains (losses) on AFS bonds and related derivative positions	(93)	56	(76)	(28)	(6)	nm	(54)
Gains (losses) on macro hedges	(3)	(41)	(40)	(32)	(46)	-93%	(159)
Interest on surplus funds allocated to reporting segments	(278)	(279)	(275)	(290)	(285)	-2%	(1,129)
Other revenue	(95)	(59)	(59)	(44)	(84)	13%	(246)
Total revenue, net	(146)	(3)	(71)	(59)	(76)	92%	(209)
Contract benefits and expenses		\-\ /-	` /	\- /	· · · /		
General expenses	131	216	131	123	127	3%	597
Investment expenses, net	(40)	(40)	(44)	(46)	(36)	11%	(166)
Other	142	113	188	142	154	-8%	597
Total contract benefits and expenses	233	289	275	219	245	-5%	1,028
Income (loss) before income taxes	(379)	(292)	(346)	(278)	(321)	18%	(1,237)
Income tax (expense) recovery	55	831	183	99	104	-47%	1,217
Net income (loss)	(324)	539	(163)	(179)	(217)	49%	(20)
Less net income (loss) attributed to non-controlling interest	(2)	2	2	2	1	-	7
Net income (loss) attributed to shareholders - Corporate and Investments	(322)	537	(165)	(181)	(218)	48%	(27)
Net income attributed to shareholders' for Reinsurance business	26	28	(211)	22	27	-4%	(134)
Net income (loss) attributed to shareholders	(296)	565	(376)	(159)	(191)	55%	(161)
Earnings Analysis							
Core earnings							
Corporate and other excluding core investment gains	(169)	(201)	(354)	(181)	(186)	-9%	(922)
Core investment gains	96	100	100	154	46	109%	400
Total core earnings (loss)	(73)	(101)	(254)	(27)	(140)	-48%	(522)
Items excluded from core loss	(1-7)	(12.1)	(== 1)	(= : /	(117)	10.10	(0==)
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)	(92)	(87)	(92)	(79)	(61)	51%	(319)
Direct impact of equity markets and interest rates	(131)	17	(56)	(53)	9	-	(83)
Change in actuarial methods and assumptions (excl. URR changes)		-	8	-	-	-	8
Impact related to U.S. Tax Reform	-	737	-	-	-	-	737
Other	-	(1)	18	-	1	-100%	18
Net income (loss) attributed to shareholders	(296)	565	(376)	(159)	(191)	55%	(161)
Premiums and Deposits							
Premiums - Reinsurance business	23	20	47	22	21	10%	110
Total premiums and deposits	23	20	47	22	21	10%	110
Assets Under Management ¹							
General fund - Corporate and Investments	(14)	(3,597)	(3,380)	(4,810)	(4,784)	-100%	(3,597)
General fund - Reinsurance	1,015	834	827	846	839	21%	834
Segregated funds - elimination of amounts held by the Company	(116)	(112)	(171)	(177)	(179)	-35%	(112)
Total assets under management	005	(2 975)	(2 724)	(/ 1/1)	(4 124)		(2.975)

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

Total assets under management

Page 25 CORPORATE AND OTHER

(4,141)

(4,124)

(2,875)

(2,724)

885

(2,875)



Asset Information

INVESTED ASSETS - PORTFOLIO COMPOSITION (Canadian \$ in millions, unaudited)							111	Manulife	Joh	n Han	coc
	As at Q1 2018	%	As at Q4 2017	%	As at Q3 2017	%	As at Q2 2017	%	As at Q1 2017	%	
	Q1 2018	76	Q4 2017	76	Q3 2017	76	Q2 2017	76	Q1 2017	76	
Carrying value	47.000	F 0 1/	45.0/5	4.0.04	45.054	47.04	15.0//	4.0.07	1/ 011	- 10	0.
Cash and short-term securities	17,020	5.0 %	15,965	4.8 %	15,251	4.7 %	15,866	4.8 %	16,011	4.9	%
Debt securities											
Government											
Canadian government & agency	23,592	6.9 %	22,778	6.8 %	21,403	6.6 %	24,432	7.4 %	25,045	7.6	9
US government & agency	23,469	6.9 %	25,969	7.8 %	25,776	7.9 %	25,712	7.8 %	26,313	8.0	ç
Foreign governments & agency	20,652	6.0 %	19,826	5.9 %	19,812	6.1 %	20,472	6.2 %	21,343	6.5	ç
Corporate	107,226	31.3 %	102,151	30.6 %	98,324	30.2 %	98,289	29.8 %	95,522	29.1	9
Securitized	,		,				,		,		
CMBS	1,316	0.4 %	1,237	0.4 %	951	0.3 %	781	0.2 %	711	0.2	9
RMBS	49	0.0 %	45	0.0 %	50	0.0 %	62	0.0 %	70	0.0	9
ABS	1,894	0.5 %	1,994	0.6 %	2,160	0.7 %	2,355	0.7 %	2,356	0.7	9
otal debt securities	178,198	52.0 %	174,000	52.1 %	168,476	51.8 %	172,103	52.1 %	171,360	52.1	%
otal debt seedimes	170,170	32.0 70	174,000	52.1 76	100,470	01.0 70	172,100	52.1 75	171,000	32.1	^
rivate placement debt	33,373	9.7 %	32,132	9.6 %	31,033	9.5 %	31,125	9.5 %	30,555	9.3	%
Nortgages											
Commercial											
Retail	8,100	2.4 %	8,141	2.4 %	8,260	2.5 %	8,335	2.5 %	8,167	2.5	ç
Office	8,059	2.4 %	7,709	2.3 %	7,675	2.4 %	7,587	2.3 %	7,400	2.3	9
Multi family residential	4,559	1.3 %	4,449	1.3 %	4,519	1.4 %	4,690	1.4 %	4,707	1.4	ģ
Industrial	2,538	0.7 %	2,583	0.8 %	2,637	0.8 %	2,675	0.8 %	2,775	0.9	9
				0.8 %		0.8 %	2,557				9
Other commercial	2,833	0.8 %	2,692	0.8 %	2,605	0.8 %	2,557	0.8 %	2,598	0.8	7
Other mortgages	10.04/	F F 0/	10.570	E / 0/	10.2/0	F (0/	10.020	F.F. 0/	17 000	F 4	9
Manulife Bank single family residential	18,846	5.5 %	18,579	5.6 %	18,260	5.6 %	18,030	5.5 %	17,809	5.4	
Agriculture	592	0.2 %	589	0.2 %	683	0.2 %	826	0.3 %	789	0.2	9
otal mortgages 1	45,527	13.3 %	44,742	13.4 %	44,639	13.7 %	44,700	13.6 %	44,245	13.5	%
Policy loans	5,987	1.8 %	5,808	1.7 %	5,739	1.8 %	5,907	1.8 %	5,999	1.9	%
oans to bank clients	1,772	0.6 %	1,737	0.5 %	1,735	0.6 %	1,727	0.5 %	1,737	0.6	%
Public equities											
Par, equity-linked and pass-through	15,499	4.5 %	15,328	4.6 %	14,017	4.3 %	14,296	4.3 %	14,098	4.3	9
Nonpar and surplus	5,712	1.7 %	6,217	1.8 %	6,413	2.0 %	6,445	2.0 %	6,669	2.0	9
otal public equities	21,211	6.2 %	21,545	6.4 %	20,430	6.3 %	20,741	6.3 %	20,767	6.3	%
Real estate & other invested assets											
Alternative long-duration assets											
Office	9,387	2.7 %	8,836	2.6 %	9,363	2.9 %	9,641	2.9 %	9,512	2.9	9
Industrial	814	0.2 %	873	0.3 %	863	0.3 %	890	0.3 %	977	0.3	9
Company use	1,317	0.4 %	1,281	0.4 %	1,322	0.4 %	1,354	0.4 %	1,379	0.4	9
Other	2,938	0.9 %	2,820	0.4 %	2,423	0.4 %	2,217	0.7 %	2,358	0.4	9
Total real estate	14,456	4.2 %	13,810	4.1 %	13,971	4.3 %	14,102	4.3 %	14,226	4.3	%
Power & infrastructure	7,336	2.1 %	7,355	2.2 %	7,079	2.2 %	6,513	2.0 %	6,728	2.0	9
Private equity	5,188	1.5 %	4,959	1.5 %	4,820	1.5 %	4,833	1.5 %	4,815	1.4	Ġ
Timberland	3,607	1.1 %	3,666	1.1 %	3,679	1.1 %	3,777	1.1 %	3,848	1.4	
Oil & gas	3,007	0.9 %	2,813	0.8 %	2,663	0.8 %	2,191	0.7 %	2,180	0.7	
Farmland	1,197	0.3 %	1,367	0.4 %	1,358	0.4 %	1,367	0.4 %	1,315	0.7	
Other	595	0.3 %	570	0.4 %	525	0.4 %	531	0.4 %	510	0.4	9
Total alternative long-duration assets	35,393	10.3 %	34,540	10.3 %	34,095	10.5 %	33,314	10.2 %	33,622	10.2	9
Leveraged leases	3,399	1.0 %	34,540	1.1 %	3,223	1.0 %	3,314	1.0 %	3,370	1.0	9
Other	509	0.1 %	480	0.1 %	485	0.1 %	496	0.2 %	571	0.2	ç
otal real estate & other invested assets	39,301	11.4 %	38,293	11.5 %	37,803	11.6 %	37,127	11.4 %	37,563	11.4	9
otal invested assets	342,389	100.0 %	334,222	100.0 %	325,106	100.0 %	329,296	100.0 %	328,237	100.0	%
Includes government insured mortgages (\$7,576 or 17% as at Marc		100.0 /6	334,222	100.0 /6	323,100	100.0 /6	JE 7, E 70	100.0 76	320,231	100.0	
air value ²											
eal estate	15,640		14,977		15,097		15,253		15,380		
			•								

Total alternative long-duration assets 37,309 36,029 35,448 34,783 35,140

Total real estate & other invested assets 41,217 39,782 39,155 38,596 39,081

The fair values of real estate and other investments are disclosed in the table above since the changes in the fair value of those assets backing insurance and investment contract liabilities are reflected as earnings/charges through actuarial reserves.

(Canadian \$ in millions, unaudited)





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

	Credit	NAIC	As at									
	Rating 1	designation	Q1 2018	%	Q4 2017	%	Q3 2017	%	Q2 2017	%	Q1 2017	%
s,	AAA	1	32,479	18%	34,267	20%	33,021	20%	38,255	22%	40,189	24%
iii	AA	1	29,115	17%	28,976	17%	27,576	16%	27,597	16%	24,136	14%
Securities	Α	1	79,986	45%	76,125	44%	73,792	44%	72,629	43%	73,795	43%
t Se	BBB	2	34,054	19%	32,150	18%	31,681	19%	31,048	18%	29,357	17%
Debt	ВВ	3	1,851	1%	1,819	1%	2,003	1%	2,134	1%	3,424	2%
_	B & lower, and unrated	4 & below	713	0%	663	0%	403	0%	440	0%	459	0%
	Total		178,198	100%	174,000	100%	168,476	100%	172,103	100%	171,360	100%
nents	AAA	1	1,123	3%	1,038	3%	1,047	3%	1,094	4%	1,120	4%
	AA	1	4,247	13%	4,246	14%	4,028	13%	4,195	13%	4,368	14%
Place	Α	1	12,436	37%	11,978	37%	11,691	38%	11,640	37%	11,423	37%
ē G	BBB	2	13,596	41%	13,160	41%	12,625	41%	12,407	40%	11,736	39%
Private	BB	3	838	3%	717	2%	721	2%	889	3%	1,008	3%
₹	B & lower, and unrated	4 & below	1,133	3%	993	3%	921	3%	900	3%	900	3%
	Total		33,373	100%	32,132	100%	31,033	100%	31,125	100%	30,555	100%
							-					
	AAA	1	33,602	16%	35,305	17%	34,068	17%	39,349	19%	41,309	21%
	AA	1	33,362	16%	33,222	16%	31,604	16%	31,792	16%	28,504	14%
Fotal	Α	1	92,422	44%	88,103	43%	85,483	43%	84,269	41%	85,218	42%
P	BBB	2	47,650	22%	45,310	22%	44,306	22%	43,455	21%	41,093	20%
	BB	3	2,689	1%	2,536	1%	2,724	1%	3,023	2%	4,432	2%
	B & lower, and unrated	4 & below	1,846	1%	1,656	1%	1,324	1%	1,340	1%	1,359	1%
	Total		211,571	100%	206,132	100%	199,509	100%	203,228	100%	201,915	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 March 31, 2018, the Company had \$644 (December 31, 2017 : \$606) 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	
s	Country	Q1 2018	%	Q4 2017	%	Q3 2017	%	Q2 2017	%	Q1 2017	%
ij	U.S.	78,631	44%	78,011	45%	75,782	45%	75,281	44%	75,018	44%
in	Canada	48,401	27%	47,805	27%	45,804	27%	49,495	29%	49,337	29%
t Se	Europe	4,609	3%	4,416	3%	4,271	3%	4,453	2%	4,476	2%
Deb	Asia & Other	46,557	26%	43,768	25%	42,619	25%	42,874	25%	42,529	25%
	Total	178,198	100%	174,000	100%	168,476	100%	172,103	100%	171,360	100%
"											
ents	U.S.	19,388	58%	18,501	58%	17,958	58%	18,371	59%	17,920	58%
em:	Canada	9,832	30%	9,787	30%	9,469	30%	9,423	30%	9,413	31%
Plac	Europe	2,032	6%	1,846	6%	1,819	6%	1,809	6%	1,749	6%
ate	Asia & Other	2,121	6%	1,998	6%	1,787	6%	1,522	5%	1,473	5%
٦٠	Total	33,373	100%	32,132	100%	31,033	100%	31,125	100%	30,555	100%
_											
	U.S.	98,019	46%	96,512	47%	93,740	47%	93,652	46%	92,938	46%
	Canada	58,233	28%	57,592	28%	55,273	28%	58,918	29%	58,750	29%
otal	Europe	6,641	3%	6,262	3%	6,090	3%	6,262	3%	6,225	3%
2	Asia & Other	48,678	23%	45,766	22%	44,406	22%	44,396	22%	44,002	22%
	Total	211,571	100%	206,132	100%	199,509	100%	203,228	100%	201,915	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 Q1 201	3		As at Q4 2017	7	As	at Q3 2017		As	at Q2 2017	<u> </u>	As	at Q1 2017	
	Carrying	- 1	nvestment	Carrying	li li	nvestment	Carrying		Investment	Carrying		Investment	Carrying	-	Investment
	value	%	grade %	value	%	grade %	value	%	grade %	value	%	grade %	value	%	grade %
Government & agency	71,375	34%	99%	71,888	35%	99%	70,161	35%	99%	73,904	36%	99%	75,937	38%	97%
Utilities	42,153	20%	98%	40,568	20%	98%	38,939	19%	98%	38,809	19%	98%	38,069	19%	98%
Financial	29,080	14%	98%	27,923	13%	98%	27,183	14%	98%	27,283	13%	98%	26,166	13%	98%
Energy	16,982	8%	96%	16,428	8%	96%	16,057	8%	95%	16,115	8%	95%	16,120	8%	94%
Consumer (non-cyclical)	14,675	7%	97%	14,009	7%	97%	13,282	7%	97%	13,516	7%	96%	13,174	6%	96%
Industrial	15,868	8%	98%	14,691	7%	98%	13,872	7%	98%	13,866	7%	98%	13,564	7%	99%
Basic materials	3,470	1%	94%	3,248	2%	95%	3,213	1%	94%	3,214	1%	90%	3,298	2%	90%
Consumer (cyclical)	6,366	3%	96%	5,916	3%	96%	5,558	3%	97%	5,408	3%	95%	4,600	2%	95%
Securitized MBS/ABS	3,583	2%	99%	3,577	2%	99%	3,465	2%	99%	3,501	2%	99%	3,427	2%	99%
Telecommunications	3,350	1%	100%	3,324	2%	100%	3,324	2%	100%	3,225	2%	99%	3,213	1%	99%
Technology	2,471	1%	96%	2,475	1%	96%	2,418	1%	96%	2,405	1%	96%	2,357	1%	96%
Media & internet	1,244	1%	96%	1,136	0%	95%	1,064	1%	98%	1,096	1%	98%	1,168	1%	97%
Diversified & miscellaneous	954	0%	98%	949	0%	98%	973	0%	98%	886	0%	98%	822	0%	98%
Total	211,571	100%	98%	206,132	100%	98%	199,509	100%	98%	203,228	100%	97%	201,915	100%	97%

Unrealized (losses)

		As at Q1 2	2018			As at Q4 20	017			As at Q3 2	2017			As at Q2 2	017			As at Q1 2	017	
		Gross unrea		Amounts		Gross unreal		Amounts		Gross unreali		Amounts			1.0	Amounts		Gross unrea		Amounts
	Amortized	(losses		< 80% cost	Amortized	(losses)		30% cost	Amortized	(losses)		80% cost	_	Pross unrealized		< 80% cost	Amortized	(losses)		< 80% cost
	cost	\$	%	> 6 months	cost	\$	% >	6 months	cost	\$	% >	6 months	cost	\$	% :	> 6 months	cost	\$	%	> 6 months
Debt securities																				
Government	65,879	(1,405)	2%	-	65,933	(1,014)	2%	(28)	65,172	(1,393)	2%	(28)	67,540	(1,188)	2%	(111)	70,666	(1,876)	3%	(1)
Corporate								` '				` ′				` ′				. ,
Financials	27,084	(343)	1%	(9)	25,416	(147)	1%	(9)	24,670	(128)	1%	(12)	24,553	(107)	0%	(14)	23,504	(131)	1%	(15)
Non-financials	76,301	(877)	1%	-	70,723	(376)	1%	-	68,598	(510)	1%	-	67,665	(424)	1%	(2)	67,270	(626)	1%	(5)
Securitized																				
CMBS	1,340	(24)	2%	-	1,247	(10)	1%	-	954	(5)	1%	-	781	(3)	0%	-	711	(3)	0%	-
RMBS	48	-	0%	-	45	-	0%	-	49	-	0%	-	60	-	0%	-	69	-	0%	-
ABS	1,904	(25)	1%	-	1,965	(6)	0%	-	2,117	(4)	0%	-	2,313	(6)	0%	-	2,321	(9)	0%	-
Private placement debt	33,373	(410)	1%	-	32,132	(115)	0%	-	31,033	(184)	1%	-	31,125	(161)	1%	-	30,555	(290)	1%	-
Fixed income securities 1	205,929	(3,084)	1%	(9)	197,461	(1,668)	1%	(37)	192,593	(2,224)	1%	(40)	194,037	(1,889)	1%	(127)	195,096	(2,935)	2%	(21)

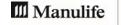
¹ Gross unrealized losses consist of unrealized losses on AFS debt securities and private placements held at cost in the Corporate Surplus segments, as well as the difference between fair value and amortized cost on debt securities and private placements. Losses on AFS debt securities held in Surplus 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}	SFG Capital 6	Policy Liabilities Held plus SFG Capital
Q1 2018	96,563	7,581	88,982	9,459	1,413	8,046	4,640	5,149	9,789
Q4 2017	95,873	7,536	88,337	8,029	1,346	6,683	4,732	n/a	n/a
Q3 2017	96,624	7,594	89,030	8,562	1,426	7,136	5,039	n/a	n/a
Q2 2017	100,846	8,011	92,835	9,582	1,579	8,003	5,129	n/a	n/a
Q1 2017	104,379	8,420	95,959	10,482	1,724	8,758	5,237	n/a	n/a

		Net of Reinsurance ¹	
As at Q1 2018	Total Guarantee Value ⁴	Total Fund Value ⁴	Net Amount at Risk ^{2,4}
U.S.			
Withdrawal Benefits	42,373	37,442	5,330
Income Benefits	529	445	92
Death Benefits	3,839	4,488	437
	46,741	42,375	5,859
Canada			
Withdrawal Benefits	15,268	13,654	1,614
Maturity Benefits	15,489	15,456	33
Death Benefits	2,098	6,908	60
	32,855	36,018	1,707
Japan			
Withdrawal Benefits	4,098	3,907	205
Maturity Benefits	1,284	1,510	3
Death Benefits	954	940	28
	6,336	6,357	236
Reinsurance & Othe	er 3,050	3,400	244

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.

⁶ Starting Q1 2018, the Segregated Fund Guaranteed (SFG) Capital is approximated by 100% of the LICAT capital requirement multiplied by a scalar of 1.05 and grossed up based on the current quarter end capital ratio

REGULATORY CAPITAL

(Canadian \$ in millions, unaudited)





2018 Q1

The Manufacturers Life Insurance Company's LICAT

Available	Capital	Components:
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33,847
7,550
11,624
53,021
(8,991)
(13,809)
30,221
13,161
-
13,161
43,382
28,132

Non-Participating Business	
Credit risk	8,816
Market risk	19,453
Insurance risk	26,464
Less: Credits for Adjustable Products	(7,032)
Participating Business	
Capital Requirements for Credit, Market and Insurance Risks for Participating Products, net of Par Credits	5,391
Less: Diversification and Other Credits	(8,643)
Capital Requirements for Non-Participating and Participating Business, net of Credits	44,449
Segregated fund risk	3,810
Operational and other risks	4,681
Subtotal of Base Solvency Buffer Components (E)	52,940
Base Solvency Buffer (F) = E x 105%	55,587

Total LICAT Ratio = (C+D)/F	129%

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.

Life Insurance Capital Adequacy Test (LICAT): The new LICAT regulatory capital regime established by the Office of the Superintendent of Financial Institutions (OSFI) came into effect in Canada on January 1, 2018, replacing the Minimum Continuing Capital and Surplus framework. The LICAT ratio compares the qualifying regulatory capital resources of a life insurance company to its required capital, each as specified under OSFI's LICAT guideline.

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. Also includes premiums in the Canada Group Benefits reinsurance ceded agreement.
- 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 Insura	ance Company	(as at May 3, 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	Company (U.S.A)	(as at May 3, 2018)
Purpose	Rating agency	Rating
Financial strength	S&P Global Ratings	AA-
	Moody's Investors Service Inc.	A1
	Fitch Ratings Inc.	AA-
	DBRS Limited	not rated

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