

Investor Presentation

April 2019



Forward looking statements & non-GAAP measures

Caution Regarding Forward-Looking Statements

Bank of Montreal's public communications often include written or oral forward-looking statements. Statements of this type are included in this document, and may be included in other filings with Canadian securities regulators or the U.S. Securities and Exchange Commission, or in other communications. All such statements are made pursuant to the "safe harbor" provisions of, and are intended to be forward-looking statements under, the United States Private Securities Litigation Reform Act of 1995 and any applicable Canadian securities legislation. Forward-looking statements in this document may include, but are not limited to, statements with respect to our objectives and priorities for fiscal 2019 and beyond, our strategies or future actions, our targets, expectations for our financial condition or share price, the regulatory environment in which we operate and the results of or outlook for our operations or for the Canadian, U.S. and international economies, and include statements of our management. Forward-looking statements are typically identified by words such as "will", "would", "should", "believe", "expect", "anticipate", "project", "intend", "estimate", "plan", "goal", "target", "may" and "could".

By their nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties, both general and specific in nature. There is significant risk that predictions, forecasts, conclusions or projections will not prove to be accurate, that our assumptions may not be correct, and that actual results may differ materially from such predictions, forecasts, conclusions or projections. We caution readers of this document not to place undue reliance on our forward-looking statements, as a number of factors – many of which are beyond our control and the effects of which can be difficult to predict – could cause actual future results, conditions, actions or events to differ materially from the targets, expectations, estimates or intentions expressed in the forward-looking statements.

The future outcomes that relate to forward-looking statements may be influenced by many factors, including but not limited to: general economic and market conditions in the countries in which we operate; the Canadian housing market; weak, volatile or illiquid capital and/or credit markets; interest rate and currency value fluctuations; changes in monetary, fiscal, or economic policy and tax legislation and interpretation; the level of competition in the geographic and business areas in which we operate; changes in laws or in supervisory expectations or requirements, including capital, interest rate and liquidity requirements and guidance, and the effect of such changes on funding costs; judicial or regulatory proceedings; the accuracy and completeness of the information we obtain with respect to our customers and counterparties; failure of third parties to comply with their obligations to us; our ability to execute our strategic plans and to complete and integrate acquisitions, including obtaining regulatory approvals; critical accounting estimates and the effect of changes to accounting standards, rules and interpretations on these estimates; operational and infrastructure risks, including with respect to reliance on third parties; changes to our credit ratings; political conditions, including changes relating to or affecting economic or trade matters; global capital markets activities; the possible effects on our business of war or terrorist activities; outbreaks of disease or illness that affect local, national or international economies; natural disasters and disruptions to public infrastructure, such as transportation, communications, power or water supply; technological changes; information and cyber security, including the threat of hacking, identity theft and corporate espionage, as well as the possibility of denial of service resulting from efforts targeted at causing system failure and service disruption; and our ability to anticipate and effectively manage risks arising from all of the foregoing factors.

We caution that the foregoing list is not exhaustive of all possible factors. Other factors and risks could adversely affect our results. For more information, please see the discussion in the Risks That May Affect Future Results section on page 79 of BMO's 2018 Annual Report, and the sections related to credit and counterparty, market, insurance, liquidity and funding, operational, model, legal and regulatory, business, strategic, environmental and social, and reputation risk, in the Enterprise-Wide Risk Management section on page 78 of BMO's 2018 Annual Report, and the Risk Management section on page 25 in BMO's First Quarter 2019 Report to Shareholders, all of which outline certain key factors and risks that may affect our future results. Investors and others should carefully consider these factors and risks, as well as other uncertainties and potential events, and the inherent uncertainty of forward-looking statements. We do not undertake to update any forward-looking statements, whether written or oral, that may be made from time to time by the organization or on its behalf, except as required by law. The forward-looking information contained in this document is presented for the purpose of assisting our shareholders in understanding our financial position as at and for the periods ended on the dates presented, as well as our strategic priorities and objectives, and may not be appropriate for other purposes.

Material economic assumptions underlying the forward-looking statements contained in this document are set out in the 2018 Annual Report under the heading "Economic Developments and Outlook", as updated by the Economic Review and Outlook section set forth in BMO's First Quarter 2019 Report to Shareholders. Assumptions about the performance of the Canadian and U.S. economies, as well as overall market conditions and their combined effect on our business, are material factors we consider when determining our strategic priorities, objectives and expectations for our business. In determining our expectations for economic growth, both broadly and in the financial services sector, we primarily consider historical economic data provided by governments, historical relationships between economic and financial variables, and the risks to the domestic and global economy. See the Economic Review and Outlook section in BMO's First Quarter 2019 Report to Shareholders.

Non-GAAP Measures

Bank of Montreal uses both GAAP and non-GAAP measures to assess performance. Readers are cautioned that earnings and other measures adjusted to a basis other than GAAP do not have standardized meanings under GAAP and are unlikely to be comparable to similar measures used by other companies. Reconciliations of GAAP to non-GAAP measures as well as the rationale for their use can be found on page 5 of BMO's First Quarter 2019 Report to Shareholders and on page 27 of BMO's 2018 Annual Report, all of which are available on our website at www.bmo.com/investorrelations.

Examples of non-GAAP amounts or measures include: efficiency and leverage ratios; revenue and other measures presented on a taxable equivalent basis (teb); amounts presented net of applicable taxes; results and measures that exclude the impact of Canadian/U.S. dollar exchange rate movements, adjusted net income, revenues, non-interest expenses, earnings per share, effective tax rate, ROE, efficiency ratio, pre-provision pre-tax earnings, and other adjusted measures which exclude the impact of certain items such as, acquisition integration costs, amortization of acquisition-related intangible assets, decrease (increase) in collective allowance for credit losses, restructuring costs, revaluation of U.S. net deferred tax asset as a result of U.S. tax reform and the remeasurement of an employee benefit liability as a result of an amendment to the plan.

Bank of Montreal provides supplemental information on combined business segments to facilitate comparisons to peers.

Who We Are

Established in 1817, BMO Financial Group is a highly diversified financial services provider based in North America

8th largest
bank in North America
by assets¹

\$774 billion
in total assets



An engaged and diverse team
of employees

Three operating groups

**Personal and
Commercial Banking**

**BMO Wealth
Management**

**BMO Capital
Markets**

We serve:

12+ million
customers globally

8+ million
personal and commercial
customers in Canada

2+ million
personal, small business
and commercial customers
in the United States

Committed to
Sustainable
Performance:



Named one of the World's Most
Ethical Companies in 2018 by
the Ethisphere Institute



Signatory to the UN Principles
for Responsible Investment

#2

Customers ranked BMO the
second most reputable
among U.S. banks²

* All amounts in this presentation in Canadian dollars unless otherwise noted

1 - source: Bloomberg, as at January 31, 2019

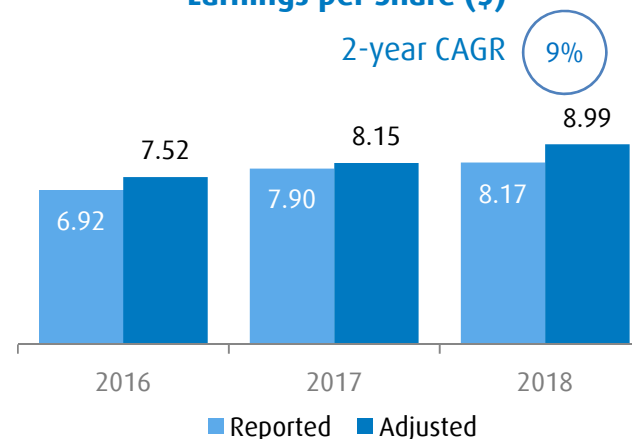
2 - Based on *American Banker* and the Reputation Institute's customer surveys of the 40 largest U.S. banks by assets

Strong financial performance and shareholder returns

Medium Term Financial Objectives (Adjusted basis)

| | |
|--------------------|--|
| EPS Growth | 7% to 10% per year |
| Return on Equity | 15% or more |
| Operating Leverage | 2% or more |
| Capital | Maintain strong capital ratios that exceed regulatory requirements |

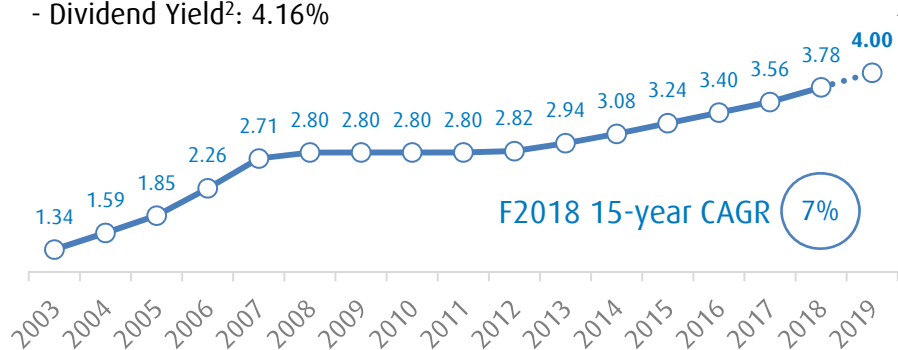
Earnings per Share (\$)



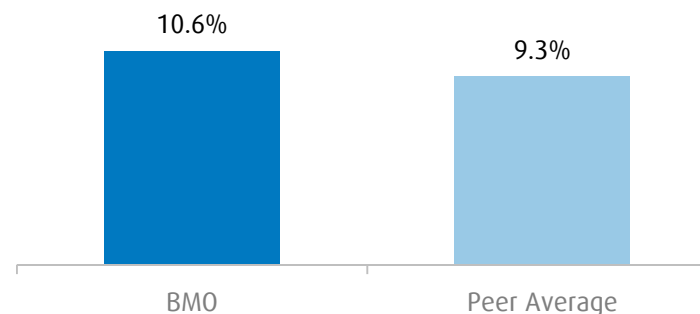
Dividends Declared (\$ per share)

BMO has the longest-running dividend payout record of any company in Canada, at 190 years

- Dividend Yield²: 4.16%



Five-Year Average Annual Total Shareholder Return²(%)



¹ Annualized based on Q2'19 declared dividend of \$1.00

² As of March 29th, 2019

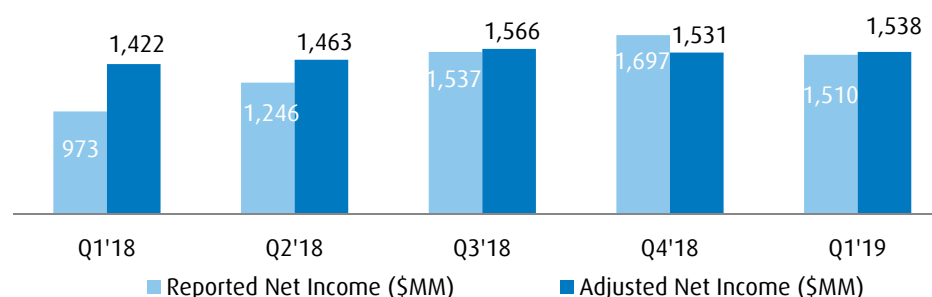
Q1 2019 - Financial Highlights

Adjusted¹ EPS up 10%; 1.5% adjusted¹ operating leverage

- Adjusted¹ EPS \$2.32, up 10% Y/Y (reported up 59%)
- Adjusted¹ net income up 8% Y/Y
 - Reported net income⁴ up 55% reflecting prior year charge on U.S. deferred tax asset given tax reform
 - U.S. Segment adjusted¹ net income up 47% Y/Y (reported up +100%)
- Net revenue² up 6% Y/Y, 4% excluding impact of stronger U.S. dollar
- Adjusted¹ expenses up 5% Y/Y, 2% excluding impact of stronger U.S. dollar
- Adjusted¹ and reported PPPT⁵ up 8% Y/Y
- Adjusted¹ operating leverage² 1.5% (reported² 1.4%)
- Total PCL of \$137MM, down \$4MM Y/Y
 - PCL on impaired loans \$127MM
 - PCL on performing loans \$10MM
- Adjusted¹ ROE 13.9% (reported 13.6%)

| (\$MM) | Reported | | | Adjusted ¹ | | |
|--------------------------|--------------|--------------|--------------------|-----------------------|--------------|--------------|
| | Q1 19 | Q4 18 | Q1 18 ⁴ | Q1 19 | Q4 18 | Q1 18 |
| Net Revenue ² | 5,591 | 5,503 | 5,277 | 5,591 | 5,503 | 5,277 |
| Total PCL | 137 | 175 | 141 | 137 | 175 | 141 |
| Expenses | 3,557 | 3,193 | 3,400 | 3,520 | 3,421 | 3,368 |
| Net Income | 1,510 | 1,697 | 973 | 1,538 | 1,531 | 1,422 |
| Diluted EPS (\$) | 2.28 | 2.58 | 1.43 | 2.32 | 2.32 | 2.12 |
| ROE (%) | 13.6 | 16.1 | 9.4 | 13.9 | 14.5 | 13.9 |
| ROTCE ³ (%) | 16.5 | 19.5 | 11.5 | 16.6 | 17.3 | 16.7 |
| CET1 Ratio (%) | 11.4 | 11.3 | 11.1 | | | |

Net Income¹ Trends



¹ Adjusted measures are non-GAAP measures, see slide 2 for more information, For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders

² Net revenue is net of insurance claims, commissions and changes in policy benefit liabilities (CCPB). Operating leverage based on net revenue. Reported gross revenue: Q1'19 \$6,517MM; Q4'18 \$5,893MM; Q1'18 \$5,638MM

³ Adjusted Return on Tangible Common Equity (ROTCE) = (Annualized Adjusted Net Income avail. to Common Shareholders) / (Average Common shareholders equity less Goodwill and acquisition-related intangibles net of associated deferred tax liabilities). Numerator for Reported ROTCE is Annualized Reported Net Income avail. to Common Shareholders less after-tax amortization of acquisition-related intangibles

⁴ Q1'18 reported net income includes \$425MM (US\$339MM) charge due to the revaluation of our U.S. net deferred tax asset given U.S. tax reform

⁵ Pre-Provision Pre-Tax profit contribution; PPPT is the difference between adjusted net revenue and adjusted expenses

BMO's Strategic Footprint

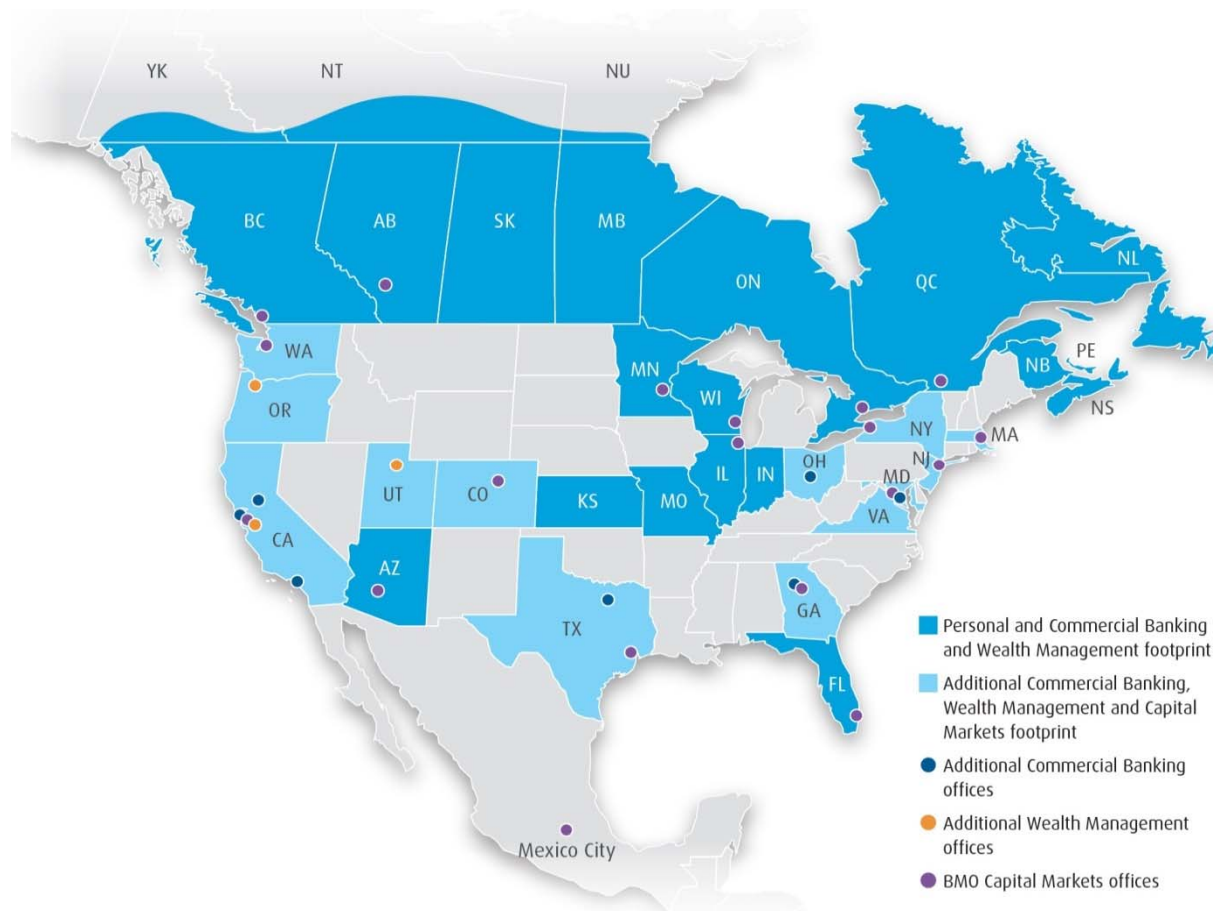
BMO's strategic footprint spans strong regional economies. Our three operating groups – Personal and Commercial Banking, BMO Capital Markets and BMO Wealth Management – serve individuals, businesses, governments and corporate customers across Canada and the United States. Our significant presence in North America is bolstered by operations in select global markets in Europe, Asia, the Middle East and South America, allowing us to provide all our customers with access to economies and markets around the world

70%

An estimated 70% of corporate customers have cross-border needs

31%

The metropolitan areas that comprise the majority of BMO's strategic U.S. footprint account for approximately 31% of overall U.S. GDP



International Offices

BMO Capital Markets

Abu Dhabi
Beijing
Dublin
Guangzhou
Hong Kong
London
Melbourne
Mumbai
Paris
Rio de Janeiro
Shanghai
Singapore
Taipei
Zurich

BMO Wealth Management

Europe and Middle East

Abu Dhabi
Amsterdam
Edinburgh
Frankfurt
Geneva
Lisbon
London
Madrid
Milan
Munich
Paris
Stockholm
Zurich

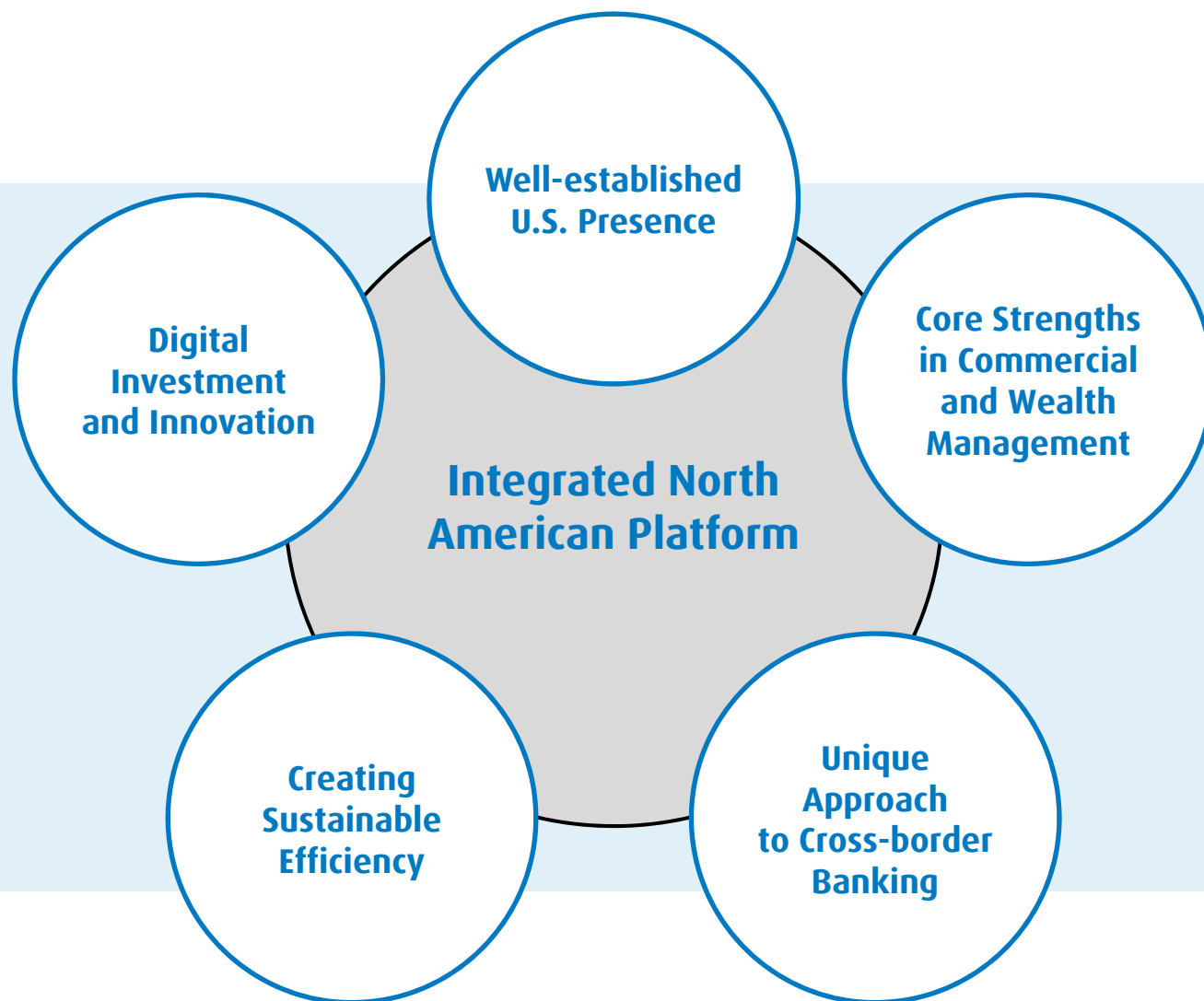
Asia-Pacific

Beijing
Guangzhou
Hong Kong
Shanghai
Singapore
Sydney

Reasons to Invest in BMO

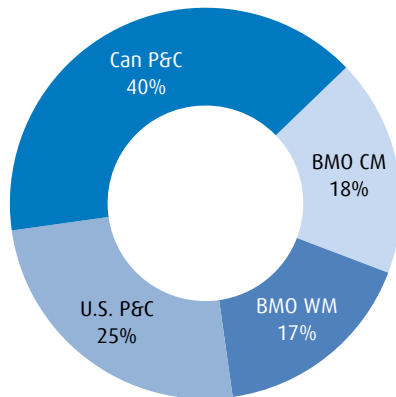
- Diversified businesses that continue to deliver robust earnings growth and long-term value for shareholders
- Strong foundation built for growth and differentiating strengths that drive competitive advantage:
 - Large and growing North American commercial banking business with advantaged market share
 - Well-established, highly profitable flagship banking business in Canada
 - Diversified U.S. operations well positioned to capture growth opportunities
 - Award-winning wealth franchise with an active presence in markets across Canada, the United States, Europe and Asia, well positioned to accelerate growth
 - Competitively advantaged Canadian capital markets franchise with a scalable U.S. platform
 - Transformative technology architecture, data and digital capabilities delivering customer and business value
- Well-capitalized with an attractive dividend yield
- Creating sustainable efficiency and reinvestment capacity through resource optimization, simplification and innovation
- Leading employee engagement and award-winning culture
- Adherence to industry-leading standards of corporate governance, including principles that ensure our strategic goals are aligned with managing our environmental and social impacts to deliver long-term sustainable growth for our stakeholders

Differentiating strengths driving competitive advantage

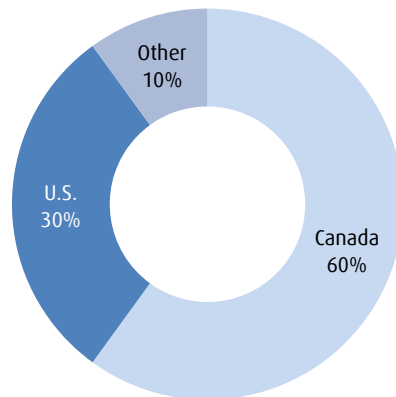


Diversified businesses delivering resilient and robust earnings

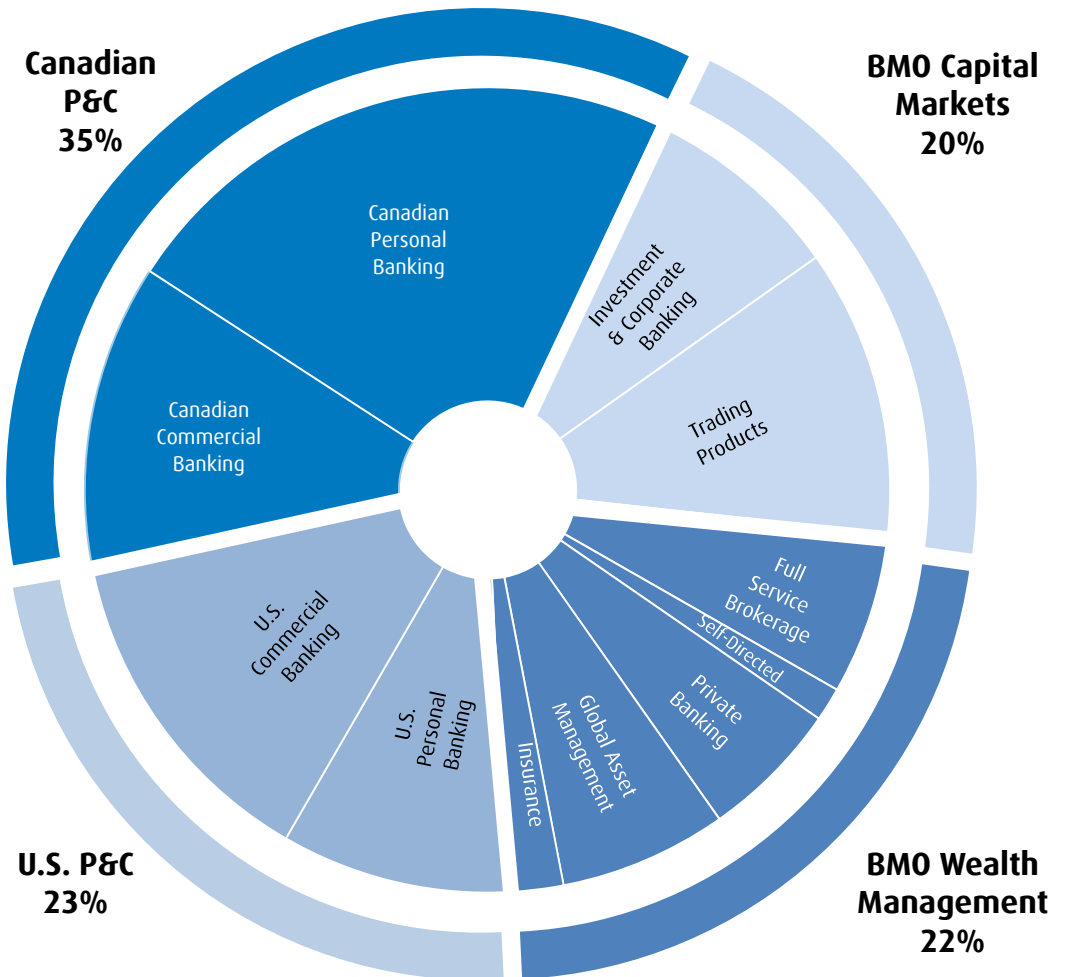
**Adjusted Net Income
by Operating Group - LTM¹**



**Adjusted Net Income
by Geography - LTM¹**



**Driven by diversified sources of revenue
% of Operating Groups Net Revenue - LTM**

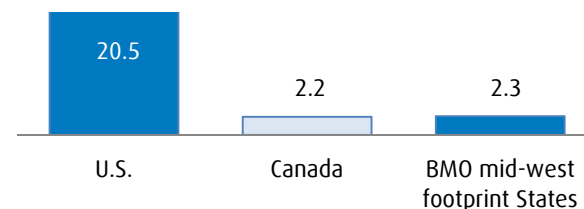


¹ Adjusted measures are non-GAAP measures, see slide 2 for more information.
For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders
Reported net income last twelve months (LTM) by operating group (excludes Corporate Services): Canadian P&C 41%, U.S. P&C 24%, BMO WM 17%, BMO CM 18%; by geography: Canada 62%, U.S. 29%, Other 9%

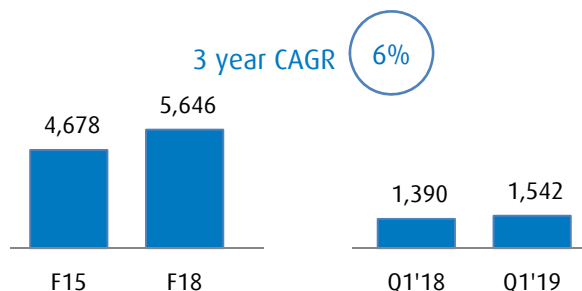
U.S. operations well positioned to capture growth opportunities

- The United States continues to be a strategically important market for BMO
- Diversified businesses are delivering strong growth
- Q1'19 U.S. segment adjusted¹ earnings up 47% Y/Y with adjusted¹ PPPT² growth of 28%
 - U.S. P&C adjusted¹ net income increased 33% with revenue of \$1B, up 8%
 - U.S. Capital Markets adjusted¹ net income of \$71MM increased 33% reflecting benefits of strategic investments and diversification
 - U.S. Wealth Management adjusted¹ net income increased 8%

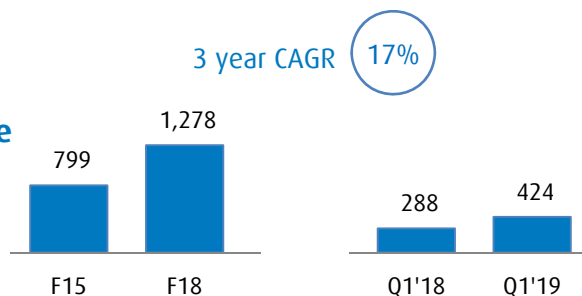
2018 Estimated Nominal GDP (\$US Trillions)



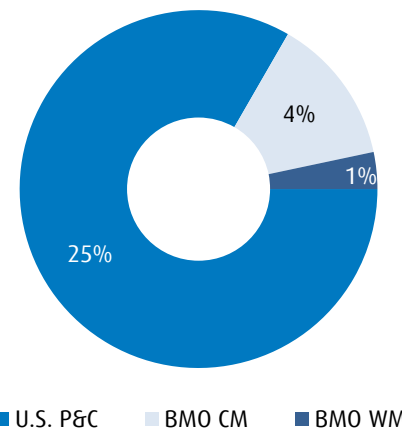
U.S. Segment Revenue (\$US MM)



U.S. Segment Adjusted¹ Net Income (\$US MM)



U.S. Operating Groups represent 30% of Total Bank Operating Group Net Income - LTM*



* Excludes Corporate Services

¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders; On a reported basis: U.S. segment Q1'19 earnings up 742% Y/Y; PPPT growth 29%; U.S. P&C net income increased 34%; U.S. Capital Markets net income \$66MM up 24%; U.S. Wealth Management net income up 10%; U.S. Segment Net Income (\$US): F15 \$738MM; F2018 \$844MM; Operating group net income represents 30% of Total bank: US P&C 25%, BMO CM 4% BMO WM 1%

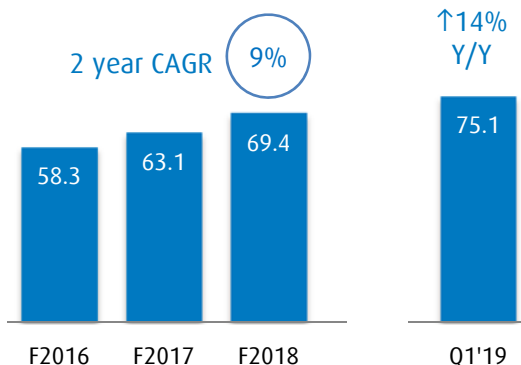
² Pre-Provision Pre-Tax earnings (PPPT) is the difference between revenue and expenses

Large North American commercial banking business with advantaged market share

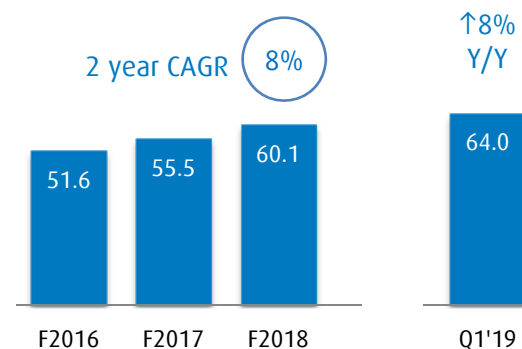
Canadian P&C

- 400,000 commercial clients
- #2 market share in business lending¹
- #1 in upper mid-market²
- #1 in agriculture¹
- Leader in indigenous banking
- Strong cross-border capabilities
- Best Commercial Bank in Canada 2015-2018 by *World Finance*

Commercial Loans and Acceptances – Canadian P&C (\$B)



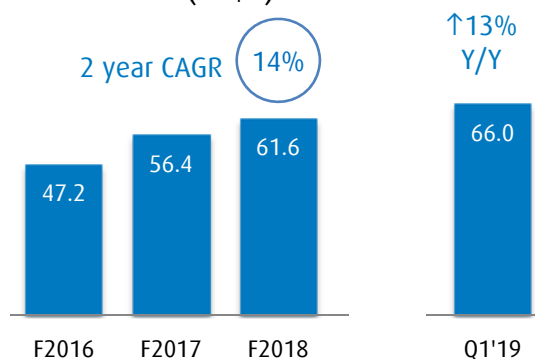
Commercial Deposits – Canadian P&C (\$B)



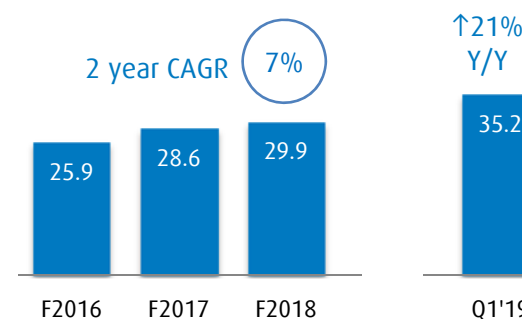
U.S. P&C

- 10,000+ clients
- Top-tier commercial lender with a leading presence in WI and Chicagoland
- Well Diversified: no business represents more than 10% of U.S. P&C loan portfolio
- One of the largest Transportation Finance providers
- Strong cross border capabilities

Commercial Loans and Acceptances – U.S. P&C (US\$B)



Commercial Deposits – U.S. P&C (US\$B)

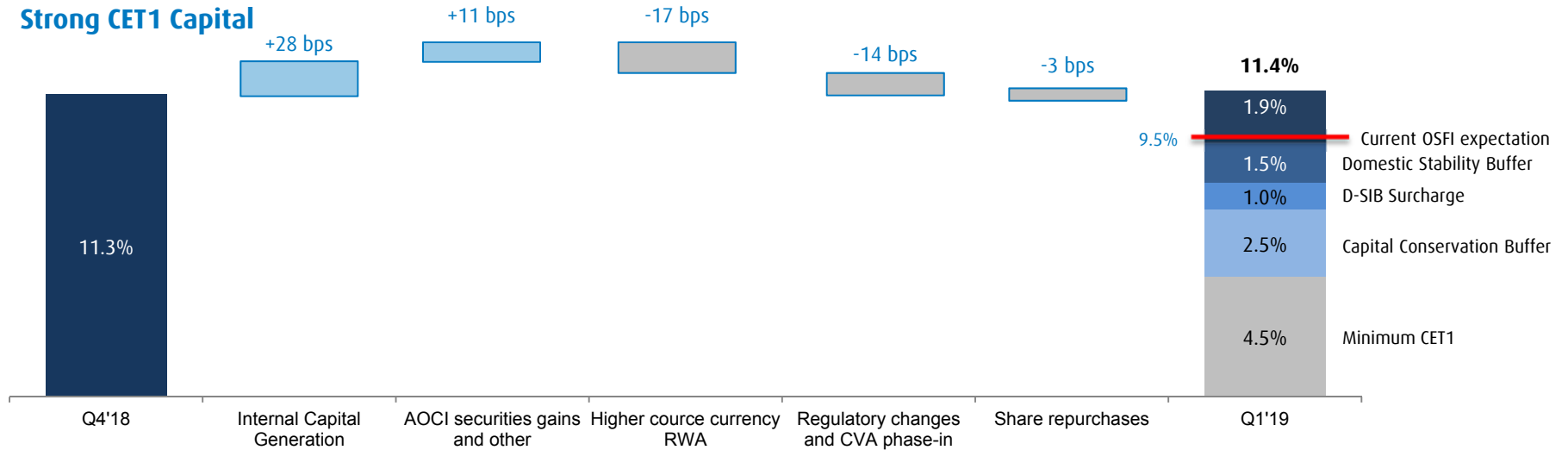


¹ Canadian Bankers Association; loan market share \$0-\$25MM, as of March 2018

² Canadian Bankers Association; loan market share \$25-\$100MM, as of March 2018

Strong Capital Position

Strong CET1 Capital



Credit Ratings

| | Moody's | S&P | DBRS | Fitch |
|--|---------|--------|---------|--------|
| Long term deposits / legacy senior debt ¹ | Aa2 | A+ | AA | AA- |
| Senior debt ² | A2 | A- | AA(low) | AA- |
| Outlook | Stable | Stable | Stable | Stable |

Sound Leverage and Liquidity Ratios

- Leverage Ratio 4.2%
- Liquidity Coverage Ratio 138%

¹ Long term deposits / legacy senior debt includes: (a) Senior debt issued prior to September 23, 2018; and (b) Senior debt issued on or after September 23, 2018 which is excluded from the Bank Recapitalization (Bail-In) Regime

² Subject to conversion under the Bank Recapitalization (Bail-In) Regime

Creating sustainable efficiency: continuing good progress

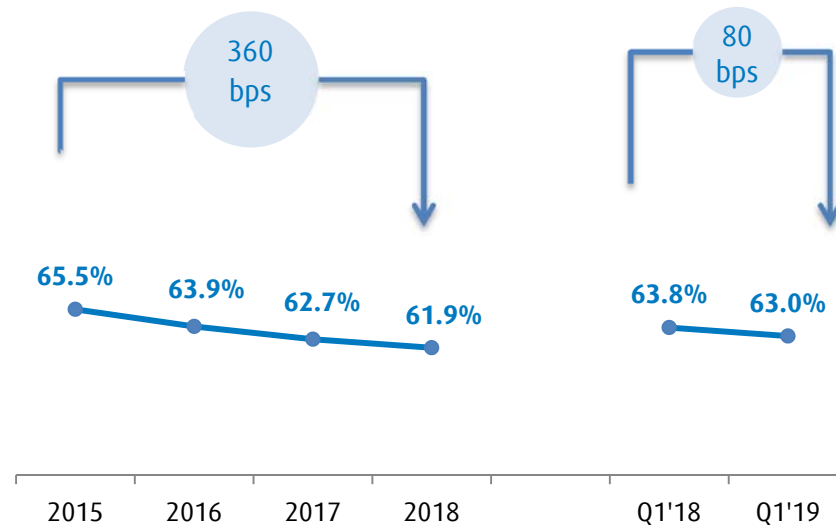
Optimize
Enterprise
Infrastructure

Deliver
Strategic
Initiatives

Enable
Simplification
&
Automation



Adjusted¹ Efficiency Ratio Trend



- Positive operating leverage driving efficiency improvement
- Expect to achieve efficiency of 58% or better by F2021

¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders
Reported Efficiency: 2015 67.5%, 2016 66.5%, 2017 64.1%, 2018 62.5%, Q1'18 64.4%, Q1'19 63.6%









Our Commitment to Sustainability

BMO's sustainability principles—Social Change, Community Building, Financial Resilience and Environmental Impact—align to our strategic priorities because financial performance and corporate responsibility are inextricably connected. Our success depends on meeting our commitments to our customers, employees, community, and our planet



Making a Positive Impact

In 2016, we declared our support for the UN's 17 Sustainable Development Goals. Our strategic initiatives are aligned to these goals, focusing on areas where we believe BMO can have the greatest impact

| | | | |
|--|---|--|--|
| <p>13 CLIMATE ACTION</p>  <p>Supporter of Financial Stability Board's Taskforce on Climate-related Financial Disclosure</p> | <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>  <p>BMO has been carbon neutral since 2010</p> | <p>5 GENDER EQUALITY</p>  <p>40% of BMO senior leaders are women</p> | <p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p>  <p>BMO is a founding member of Project PROTECT which works to combat human trafficking</p> |
| <p>10 REDUCED INEQUALITIES</p>  <p>BMO holds Canadian Council for Aboriginal Business Gold certification in Progressive Aboriginal Relations. We also ranked on the 2018 Disability Equality Index from the American Association of People with Disabilities</p> | | <p>17 PARTNERSHIPS FOR THE GOALS</p>  <p>North American representative on Equator Principles Steering Committee; Member of Financial Industry Advisory Group for the Sustainable Accounting Standards Board; Long-time member of the UN Environment Programme</p> | |
| <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>  <p>17 PARTNERSHIPS FOR THE GOALS</p>  | | <p>BMO contributed ~\$63.5MM to non-profits across North America, with 19,500 employee volunteer hours (F2018)</p> | |

Driving Value with Sustainable Solutions

Sustainable Finance

BMO Capital Markets underwrote US\$6.3B in sustainable bonds in F2018 (US\$4.8B in green bonds; US\$1.5B in sustainable development bonds). BMO Global Asset Management is a Green Bond Principles signatory and has developed a Green Bond Strategy fund with €225MM AUM

Responsible Investing

For 30+ years, BMO GAM has invested responsibly, with US\$2.9B in Responsible Funds range

Community Building

BMO provided US\$593MM in loans to support community development in the U.S. in F2018

Climate Action

BMO participated in \$6.4B of renewable energy equity and debt financing and provided \$4.2B of loan commitments to renewable entities and projects

Financial Inclusion

Our On-Reserve Housing Loan Program helped to provide \$225MM in loans to Indigenous communities. We committed \$3B in capital to women-owned businesses across Canada over the next 3 years. US\$33.9MM assets under management in the BMO Women in Leadership Fund

Awards and Recognition

Listed on *Dow Jones Sustainability Index* (North America) for 14 consecutive years

One of only 3 companies in Canada and 5 banks worldwide to be named to the 2018 *World's Most Ethical Companies* (*Ethisphere Institute*)

2019 *Bloomberg Gender-Equality Index* for fourth year in a row

Supporting Women Entrepreneurs by extending \$3B in new capital to women-owned businesses

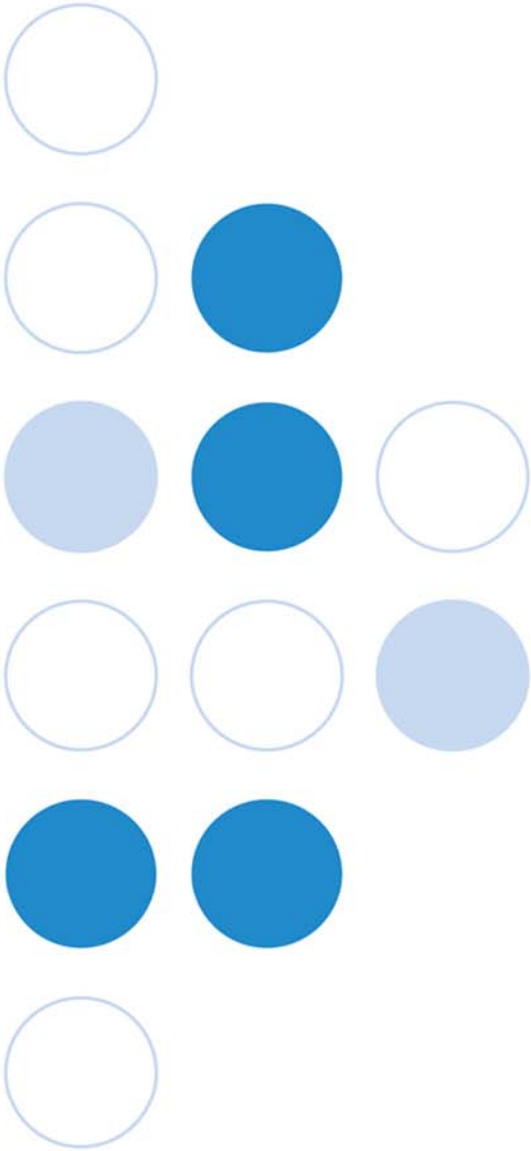
2 Time *Catalyst Award* winner for accelerating diversity and inclusion

BMO GAM awarded an A+ rating by the UN Principles for Responsible Investment

Listed on *FTSE4Good Index Series*, *Ethibel Sustainability Index Excellence Global*, and *Euronext Vigeo World 120*. Awarded *oekom Prime status*

2018 *Thomson Reuters Global Diversity & Inclusion Index*

BMO Volunteer Day contributed 14,000 volunteer hours with 215 organizations globally



Operating Groups



Canadian Personal & Commercial Banking

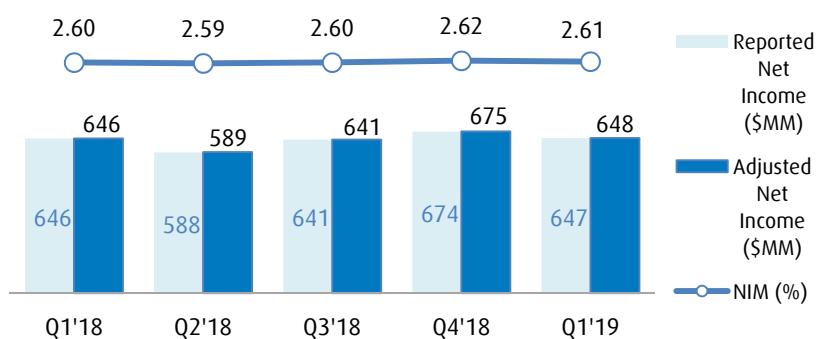
Strengths and Value Drivers

- Highly engaged team focused on providing a personalized banking experience, anticipating customers' needs and finding new ways to help
- Top-tier commercial banking business, number two ranking in Canadian market share for business loans up to \$25 million
- Strong and growing retail banking business, accelerating digital engagement and digital sales
- Largest Mastercard® card issuer in Canada
- Consistently applied credit risk management practices, providing reliable access to appropriate financing solutions

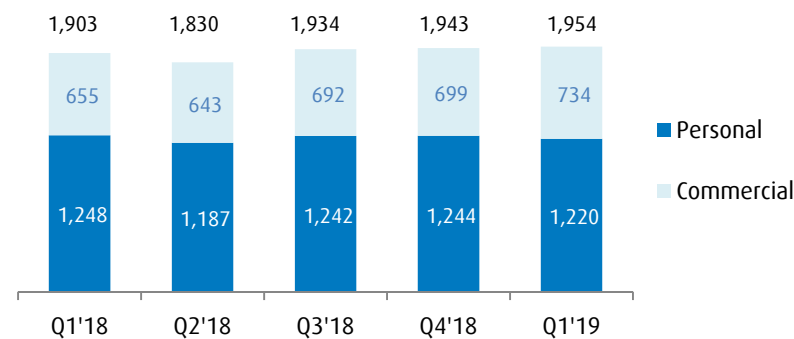
Q1'19 Highlights (Adjusted¹)

| | |
|--------------------------------------|---------------|
| Net Income ¹ | \$648 million |
| Net Income ¹ Growth (Y/Y) | 0.2% |
| ROE ¹ | 27.6% |
| Efficiency Ratio ¹ | 49.2% |
| Operating Leverage ¹ | 0.2% |
| Average Net Loans and Acceptances | \$230 billion |
| Customers | ~8 Million |
| Branches | 908 |

Net Income¹ and NIM Trends



Revenue Trends (\$MM)



¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders
On a reported basis: Net Income \$647MM, Net income growth 0.2%, Efficiency ratio 49.2%, Operating leverage 0.2%

Canadian Personal & Commercial Banking

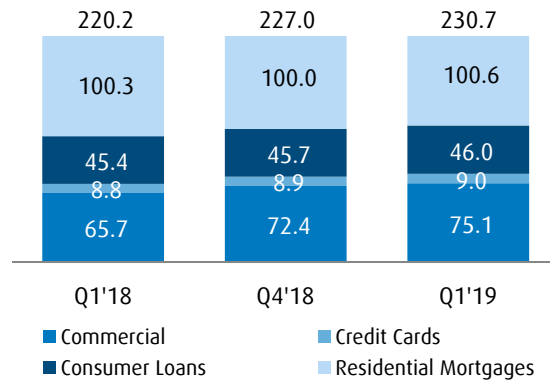
Strategic Priorities

Capture key growth and loyalty opportunities by delivering a leading digital experience and personalized advice

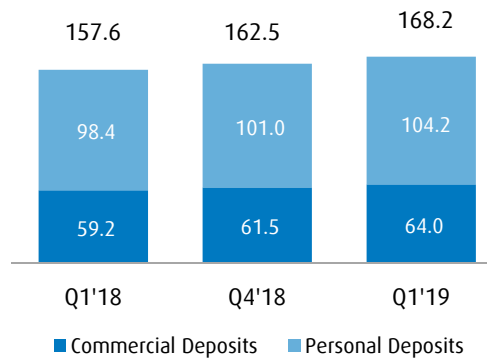
- Continue to improve customer loyalty by deepening primary relationships
 - In Commercial Banking, target opportunities through diversification across high-value sectors and businesses, while maintaining core strengths
 - In Personal Banking, deliver a leading customer experience by leveraging new digital channels and enhancing existing networks
- Continue to enhance the digital experience through digital sales and service transactions

Performance

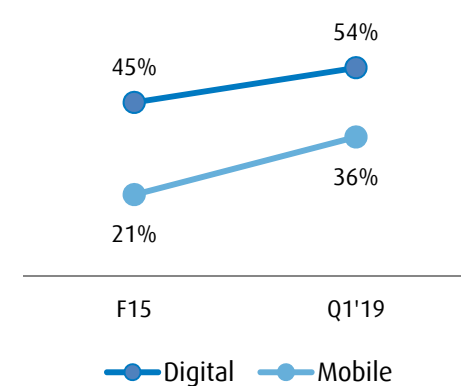
Average Gross Loans & Acceptances (\$B)



Average Deposits (\$B)



Digital Adoption¹



¹ 90-day active retail deposit customers

U.S. Personal & Commercial Banking

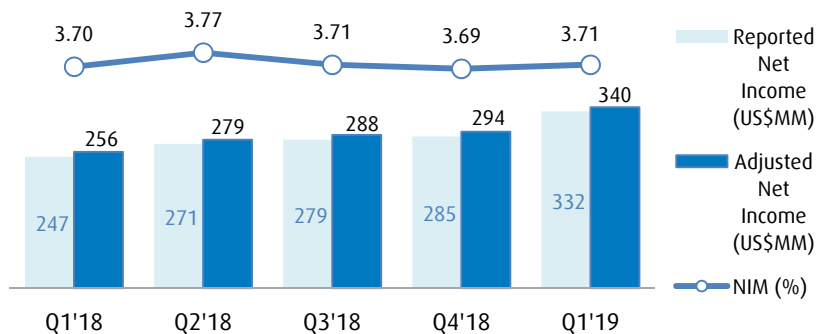
Strengths and Value Drivers

- Rich Midwestern heritage dating back to 1847, with a long-standing commitment to the success of our customers and communities
- Large-scale, diversified national commercial business, supported by in-depth industry knowledge, best-in-class customer experience, and top-tier market share in our flagship businesses
- Increasing momentum in personal banking: large and growing customer base, extensive branch network, broad suite of products and services, accelerated investment in digital capabilities
- Comprehensive, integrated control structure to actively manage risk and regulatory compliance

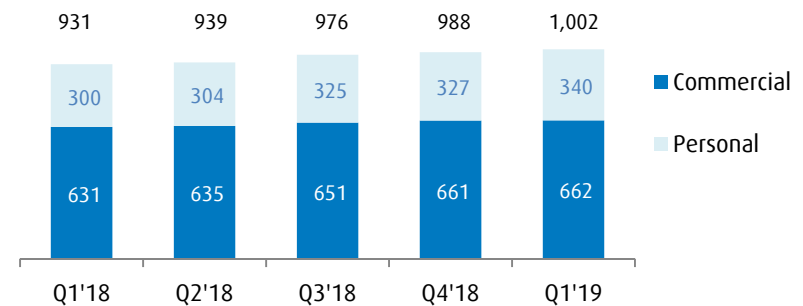
Q1'19 Highlights (Adjusted¹)

| | |
|--------------------------------------|-----------------|
| Net Income ¹ | US\$340 million |
| Net Income Growth ¹ (Y/Y) | 33% |
| ROE ¹ | 12.6% |
| Efficiency Ratio ¹ | 56.3% |
| Operating Leverage ¹ | 5.3% |
| Average Loans and Acceptances | \$81 billion |
| Customers | >2 Million |
| Branches | 568 |

Net Income¹ and NIM Trends



Revenue Trends (US\$MM)



¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders
On a reported basis: Net Income \$332MM, Net income growth 34.3%, Efficiency ratio 57.4%, Operating leverage 5.5%

U.S. Personal & Commercial Banking

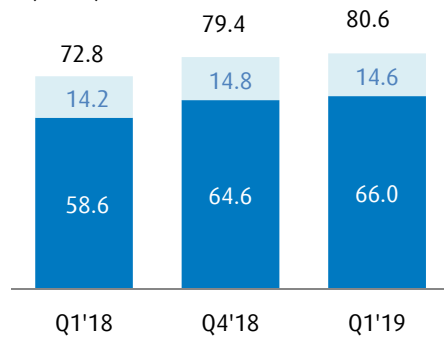
Strategic Priorities

We aim to grow our business and be a leader in our markets by creating a differentiated and intuitive partnership with our customers to address all of their financial needs

- Continue to strengthen our competitive position by investing in key capabilities, and leveraging our distinctive cross-border advantage
- Deliver leading deposit growth, drive profitable lending growth and accelerate digitization
- Invest in underpenetrated markets, expand national presence in high-potential geographies, establish new specialty businesses, increase investment in treasury and payment solutions, and enhance cross-bank collaboration

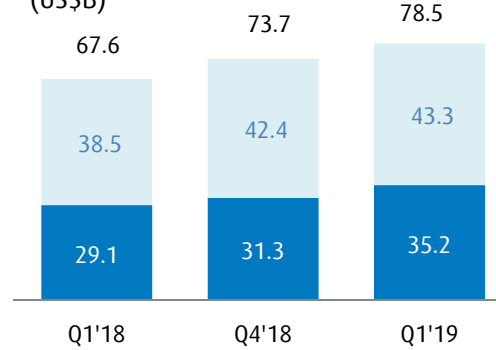
Performance

Average Loans and Acceptances (US\$B)



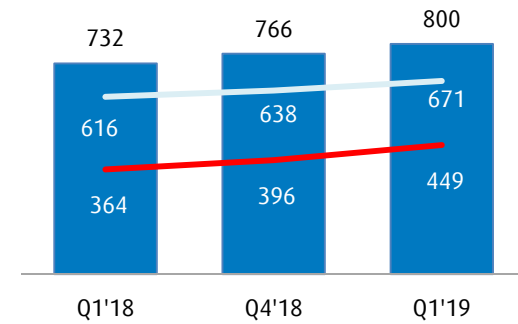
■ Commercial ■ Personal & Business Banking

Average Deposits (US\$B)



■ Commercial ■ Personal & Business Banking

Personal & Business Banking Digital Usages (Customers in 1,000s)



■ Total Digital ■ Online ■ Mobile

BMO Wealth Management

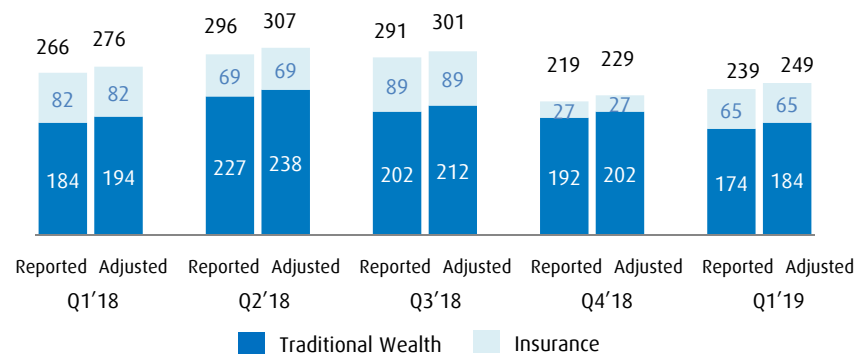
Strengths and Value Drivers

- Planning and advice-based approach that integrates investment, insurance, specialized wealth management and core banking solutions, offered by a team of highly skilled professionals
- Diversified portfolio of solutions, from self-directed online investment to professional money management and integrated trust/banking services for retail and institutional clients
- Globally significant asset manager with broad distribution capabilities in North America, EMEA and Asia
- Prestigious brand that is widely recognized and trusted, and a culture of innovation that anticipates clients' needs
- Robust risk management framework supporting alignment with heightened regulatory expectations

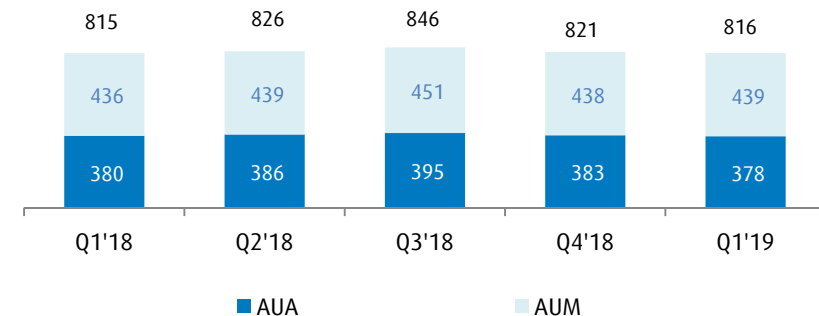
Q1'19 Highlights (Adjusted¹)

| | |
|---------------------------------|---------------|
| Net Income ¹ | \$249 million |
| Net Income Growth ¹ | (10.1)% |
| ROE ¹ | 15.9% |
| Efficiency Ratio ¹ | 72.8% |
| Operating Leverage ¹ | (2.6)% |
| AUA / AUM | \$816B |
| Average Loans | \$22B |
| Average Deposits | \$35B |

Net Income¹ Trends



AUA / AUM (\$B)



¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders
On a reported basis: Net Income \$239MM, Net income growth (10.4)%, Efficiency ratio 73.8%, Operating leverage 2.5%

BMO Wealth Management

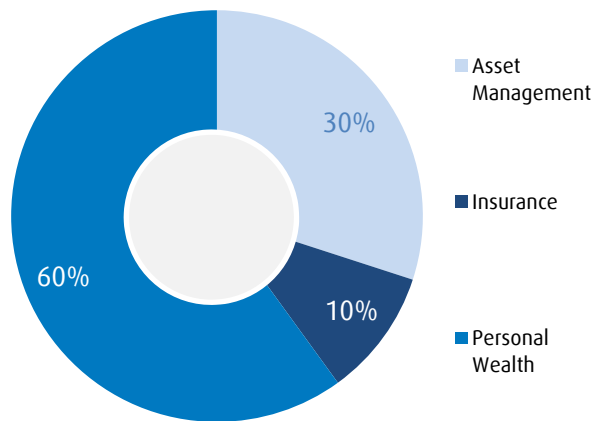
Strategic Priorities

Deliver on our clients' current and evolving personal wealth, insurance and institutional asset management needs through an exceptional client experience, a focus on innovation and productivity and collaboration across BMO

- Provide outstanding support and innovative product offerings that anticipate clients' evolving needs
- Make a meaningful difference in the lives of our clients, enabled by a distinctive approach to talent and collaboration, supported by strong technology operations
- Continue to build scale at BMO Global Asset Management by extending award-winning global investment capabilities, supported by our global operating platform

Diversification

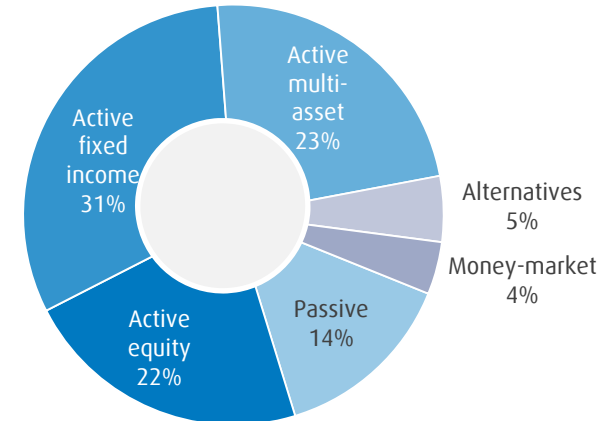
Net Revenue¹ by Business – F2018



>60%
Fee-based
Revenues²

ETF
#2
Share in
Canadian
market

BMO GAM Investment type³



¹ Net revenue is net of insurance claims, commissions and changes in policy benefit liabilities (CCPB)

² % of F2018 total Wealth Management net revenue

³ Investment type as of December 2017

BMO Capital Markets

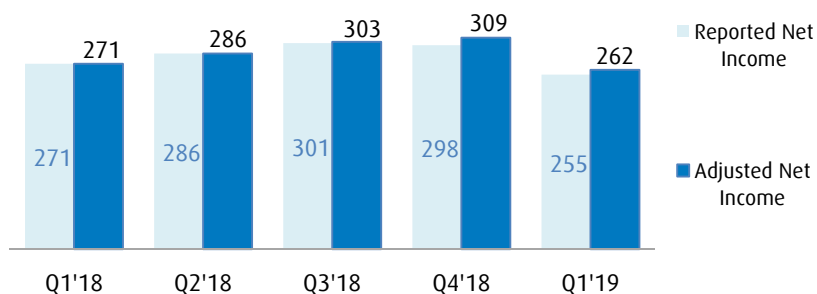
Strengths and Value Drivers

- Unified coverage and integrated distribution across our North American platform and complementary global footprint, delivering a seamless and exceptional client experience
- Top-ranked Canadian equity and fixed income research with sales and trading capabilities and deep expertise in core sectors
- Well-diversified platform and business mix – by sector, geography, product and currency, including a strong and scalable U.S. business
- Strong first-line-of-defence risk management and regulatory and compliance capabilities

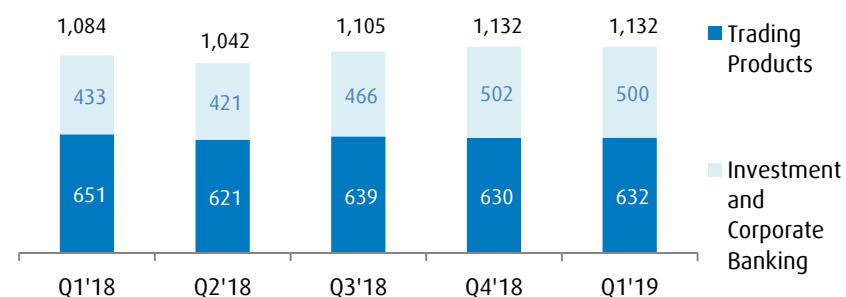
Q1'19 Highlights (Adjusted¹)

| | |
|-------------------------------------|-------------------------|
| Net Income ¹ | \$262 million |
| Net Income ¹ Growth | (3.4)% |
| Efficiency Ratio ¹ | 69.2% |
| Operating Leverage ¹ | (4.2)% |
| Average Gross Loans and Acceptances | \$56B |
| Offices: | 33 globally, 19 in N.A. |
| Employees | 2,747 |
| U.S. Revenue Contribution | 45% |
| U.S. Equities market share | 1.7% |
| U.S. IB market share ² | #21 |

Net Income¹ Trends (\$MM)



Revenue Trends (\$MM)



¹ Adjusted measures are non-GAAP measures, see slide 2 for more information. For details on adjustments refer to page 5 of BMO's Q1'19 Report to Shareholders; On a reported basis: Net Income \$255MM, Net income growth (5.9)%, Efficiency ratio 70.0%, Operating Leverage (5.4)%

BMO Capital Markets

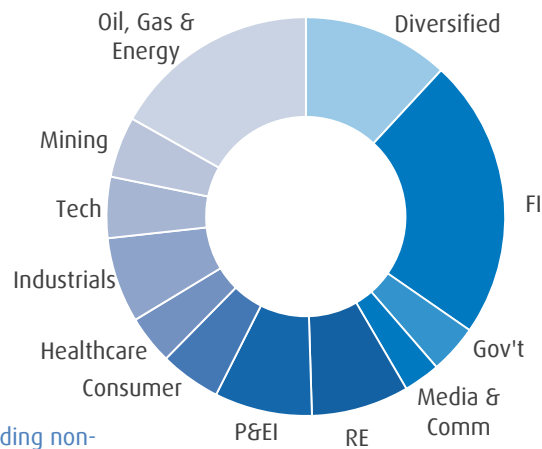
Strategic Priorities

BMO Capital Markets' vision is to be a top 10 North American investment bank, enabling clients to achieve their goals. We offer an integrated platform, differentiated by innovative ideas and unified coverage

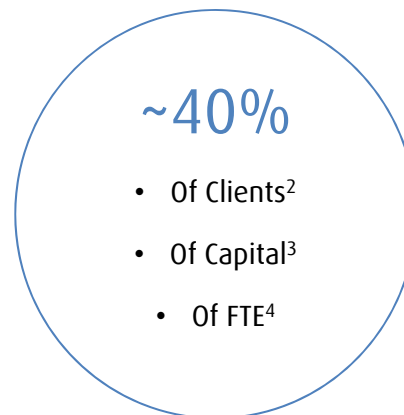
- Maintain leading market share in Canada by strengthening our client relationships
- Continue to leverage our key strategic investment to accelerate growth from our U.S. platform, and selectively expand our U.S. corporate bank where we are competitively advantaged
- Continue to leverage our strong North American and global capabilities to expand our footprint and establish strategic relationships in select international markets

Diversification

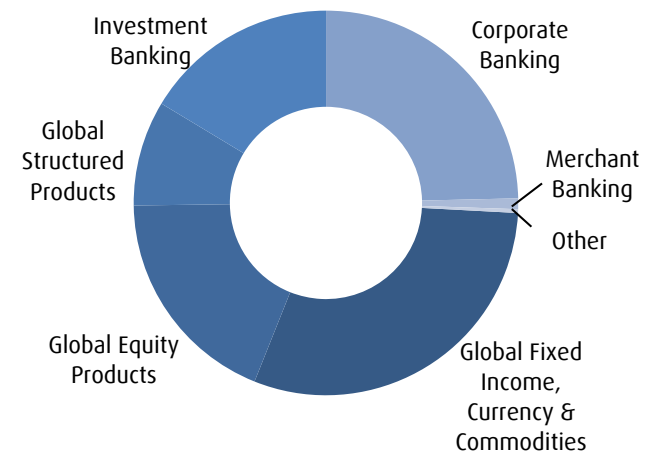
Revenue by Sector¹



U.S. Contribution

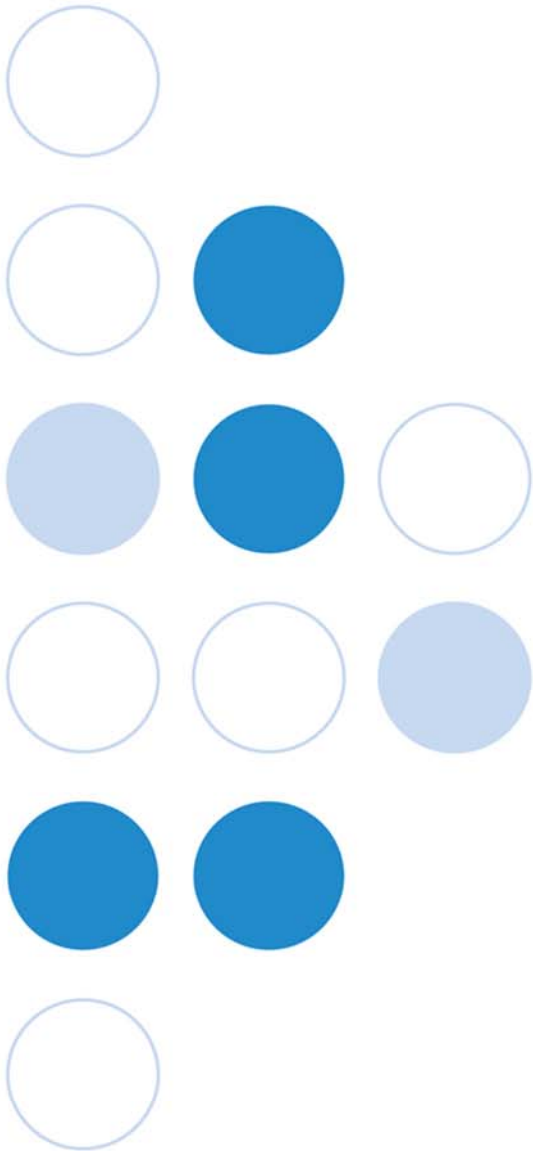


Revenue by Product⁵



*Excluding non-client revenues

1 As a % of F2018 YTD revenue, excluding non-client revenues
 2 % of revenue generating entities domiciled in the U.S. (as of August 31, 2018)
 3 U.S. Capital as a % of Total (as of July 31, 2018)
 4 U.S. FTE as a % of Total (as of July 31, 2018)
 5 As a % of F2017 revenue



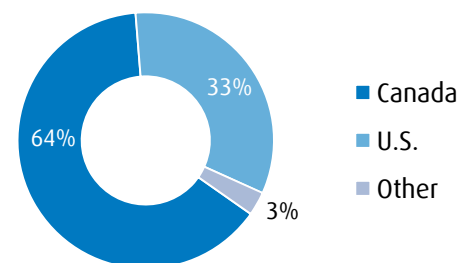
Risk Overview



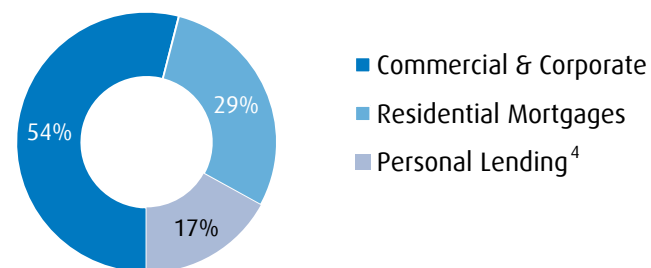
Our loans are well-diversified by geography and industry

| Gross Loans & Acceptances By Industry (\$B, as at Q1 19) | Canada & Other ¹ | U.S. | Total | % of Total |
|--|-----------------------------|--------------|--------------|-------------|
| Residential Mortgages | 108.5 | 11.5 | 120.0 | 29% |
| Consumer Instalment and Other Personal | 53.4 | 9.9 | 63.3 | 15% |
| Cards | 7.6 | 0.6 | 8.2 | 2% |
| Total Consumer | 169.5 | 22.0 | 191.5 | 46% |
| Service Industries | 18.9 | 22.1 | 41.0 | 10% |
| Financial | 15.6 | 21.3 | 36.9 | 9% |
| Commercial Real Estate | 20.3 | 13.4 | 33.7 | 8% |
| Manufacturing | 7.1 | 18.0 | 25.1 | 6% |
| Retail Trade | 12.4 | 8.9 | 21.3 | 5% |
| Wholesale Trade | 5.0 | 10.8 | 15.8 | 4% |
| Agriculture | 10.0 | 2.3 | 12.3 | 3% |
| Transportation | 2.6 | 8.9 | 11.5 | 3% |
| Oil & Gas | 5.6 | 4.5 | 10.1 | 2% |
| Other Business and Government ² | 12.8 | 8.8 | 21.6 | 4% |
| Total Business and Government | 110.3 | 119.0 | 229.3 | 54% |
| Total Gross Loans & Acceptances | 279.8 | 141.0 | 420.8 | 100% |

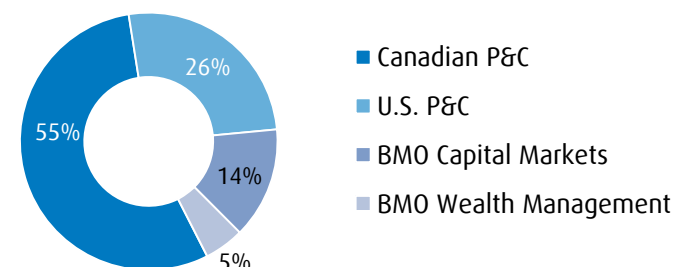
Loans by Geography³



Loans by Product³



Loans by Operating Group⁵



¹ Includes ~\$10.8B from Other Countries

² Other Business and Government includes all industry segments that are each <2% of total loans

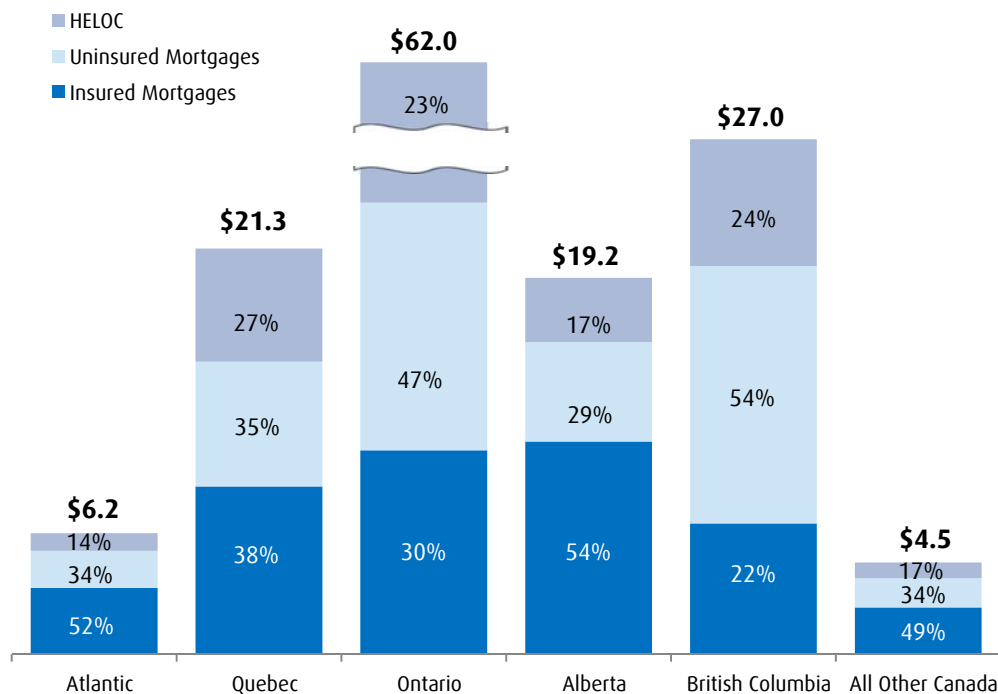
³ Gross loans and acceptances as of January 31, 2019

⁴ Including cards

⁵ Average gross loans and acceptances as of January 31, 2019

Canadian Residential-Secured Lending

Residential-Secured Lending by Region (\$140.3B)



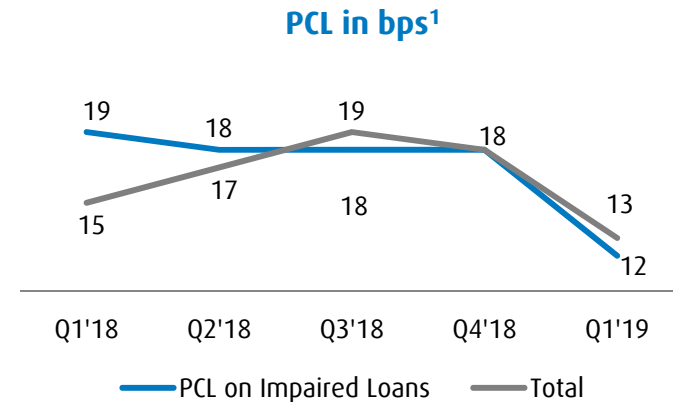
| | Avg. LTV ¹ Uninsured | Atlantic | Quebec | Ontario | Alberta | British Columbia | All Other Canada | Total Canada |
|-----------------|---------------------------------|----------|--------|---------|---------|------------------|------------------|--------------|
| Mortgage | | | | | | | | |
| - Portfolio | | 59% | 60% | 55% | 62% | 47% | 56% | 54% |
| - Origination | | 73% | 72% | 67% | 72% | 63% | 70% | 68% |
| HELOC | | | | | | | | |
| - Portfolio | | 49% | 54% | 43% | 54% | 39% | 48% | 46% |
| - Origination | | 61% | 69% | 57% | 61% | 55% | 64% | 59% |

¹ LTV is the ratio of outstanding mortgage balance to the original property value indexed using Teranet data. Portfolio LTV is the combination of each individual mortgage LTV weighted by the mortgage balance

- Total Canadian residential-secured lending portfolio at \$140.3B, representing 33% of total loans, below peer average of approximately 47%
 - LTV¹ on uninsured of 50%
 - 90 day delinquency rate for RESL remains good at 21 bps; loss rates for the trailing 4 quarter period were less than 1 bp
- Residential mortgage portfolio of \$108.5B
 - 44% of portfolio insured
 - LTV¹ on uninsured of 54%
 - 69% of the mortgage portfolio has an effective remaining amortization of 25 years or less
- HELOC portfolio of \$31.7B outstanding of which 55% is amortizing
- GTA and GVA portfolios demonstrate better LTV, delinquency rates and bureau scores compared to the national average

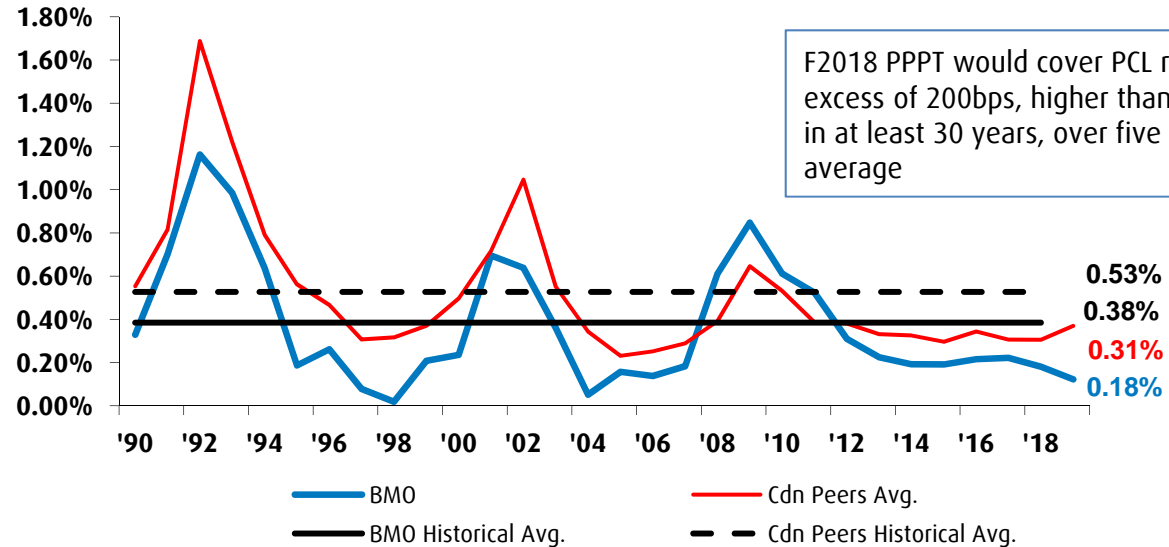
Provision for Credit Losses (PCL)

| PCL By Operating Group (\$MM) | Q1 19 | Q4 18 | Q1 18 |
|--------------------------------|------------|------------|-------------|
| Total Canadian P&C | 114 | 118 | 97 |
| Total U.S. P&C ¹ | 15 | 61 | 77 |
| Wealth Management | 2 | 2 | 1 |
| Capital Markets | 1 | (3) | (1) |
| Corporate Services | (5) | (1) | - |
| PCL on Impaired Loans | 127 | 177 | 174 |
| PCL on Performing Loans | 10 | (2) | (33) |
| Total PCL | 137 | 175 | 141 |



PCL on Impaired Loans as a % of Average Net Loans & Acceptances

- BMO's PCL loss rates have been lower than peer average over time



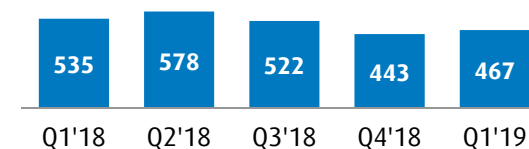
¹ Q1'19 includes a recovery on consumer loans and lower commercial provisions in U.S. P&C; Excluding the recovery PCL is consistent with recent quarters

Gross Impaired Loans (GIL) and Formations

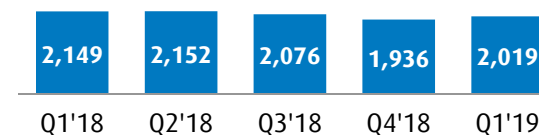
| By Industry (\$MM, as at Q1 19) | Formations | | | Gross Impaired Loans | | |
|--|----------------|------------|------------|-----------------------------|--------------|--------------|
| | Canada & Other | U.S. | Total | Canada & Other ¹ | U.S. | Total |
| Consumer | 203 | 56 | 259 | 441 | 454 | 895 |
| Agriculture | 8 | 60 | 68 | 56 | 203 | 259 |
| Service Industries | 8 | 9 | 17 | 65 | 159 | 224 |
| Transportation | 1 | 29 | 30 | 5 | 133 | 138 |
| Oil & Gas | 0 | 45 | 45 | 16 | 102 | 118 |
| Retail Trade | 1 | 25 | 26 | 27 | 64 | 91 |
| Manufacturing | 2 | 1 | 3 | 26 | 57 | 83 |
| Wholesale Trade | 0 | 5 | 5 | 16 | 49 | 65 |
| Financial | 0 | 0 | 0 | 24 | 30 | 54 |
| Commercial Real Estate | 9 | 3 | 12 | 33 | 15 | 48 |
| Construction (non-real estate) | 0 | 2 | 2 | 15 | 17 | 32 |
| Other Business and Government ² | 0 | 0 | 0 | 4 | 8 | 12 |
| Total Business and Government | 29 | 179 | 208 | 287 | 837 | 1,124 |
| Total Bank | 232 | 235 | 467 | 728 | 1,291 | 2,019 |

- GIL ratio 48 bps, flat Q/Q

Formations (\$MM)

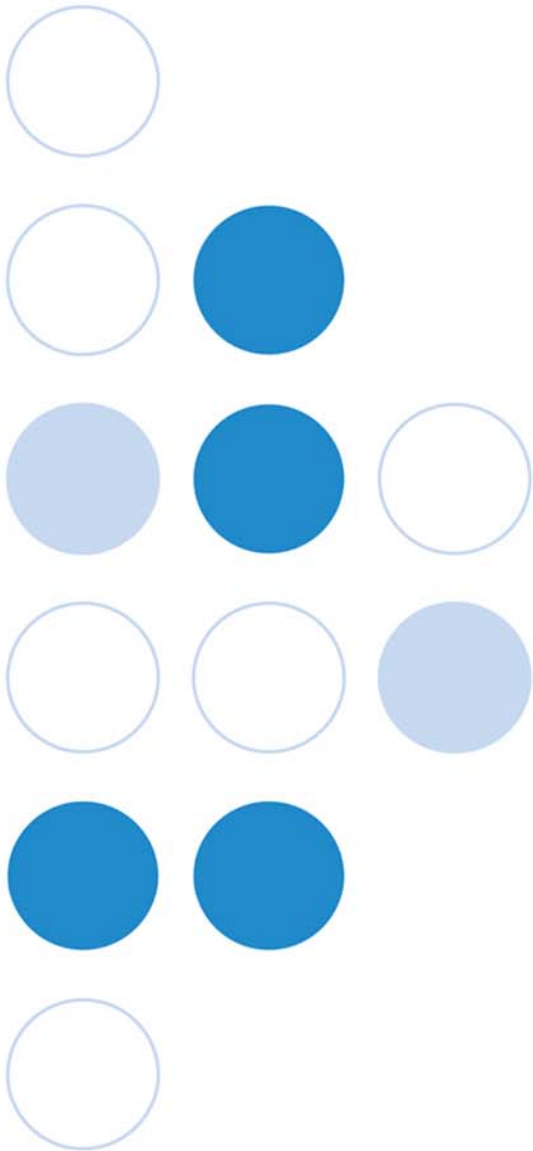


Gross Impaired Loans (\$MM)



¹ Total Business and Government includes nil GIL from Other Countries

² Other Business and Government includes industry segments that are each <1% of total GIL



Economic Overview



Economic Outlook and Indicators¹

| Economic Indicators (%) ^{1, 2} | Canada | | | | United States | | | | Eurozone | | | |
|--|--------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|--------------------|--------------------|--------------------|
| | 2017 | 2018E ² | 2019E ² | 2020E ² | 2017 | 2018E ² | 2019E ² | 2020E ² | 2017 | 2018E ² | 2019E ² | 2020E ² |
| GDP Growth | 3.0 | 1.8 | 1.5 | 1.7 | 2.2 | 2.9 | 2.3 | 1.7 | 2.4 | 1.8 | 1.3 | 1.4 |
| Inflation | 1.6 | 2.3 | 1.7 | 2.1 | 2.1 | 2.4 | 1.7 | 2.0 | 1.5 | 1.8 | 1.5 | 2.1 |
| Interest Rate (3mth Tbills) | 0.69 | 1.37 | 1.65 | 1.65 | 0.95 | 1.97 | 2.45 | 2.40 | (0.37) | (0.36) | (0.34) | (0.34) |
| Unemployment Rate | 6.3 | 5.8 | 5.7 | 5.6 | 4.4 | 3.9 | 3.6 | 3.6 | 9.1 | 8.2 | 8.0 | 8.1 |
| Current Account Balance / GDP ³ | (2.8) | (2.6) | (2.5) | (2.4) | (2.3) | (2.4) | (2.5) | (2.6) | 3.9 | 3.8 | 3.6 | 3.6 |
| Budget Surplus / GDP ³ | (0.9) | (0.7) | (0.9) | (0.8) | (3.5) | (3.8) | (4.2) | (4.1) | (1.0) | (0.7) | (0.8) | (0.5) |

Canada

- After downshifting last year, Canada's economy is expected to moderate further to 1.5% in 2019 due to higher interest rates, oil output cuts and slower global demand
- The unemployment rate is expected to remain near current four-decade lows, however
- The Bank of Canada is expected to keep policy rates steady this year

United States

- After strengthening on fiscal stimulus, U.S. economic growth is projected to moderate to 2.3% in 2019 due to higher interest rates and less fiscal support
- The unemployment rate is expected to fall slightly further from near half-century lows
- Amid low inflation, the Federal Reserve is expected to refrain from raising policy rates this year

¹ This slide contains forward looking statements. See caution on slide 2

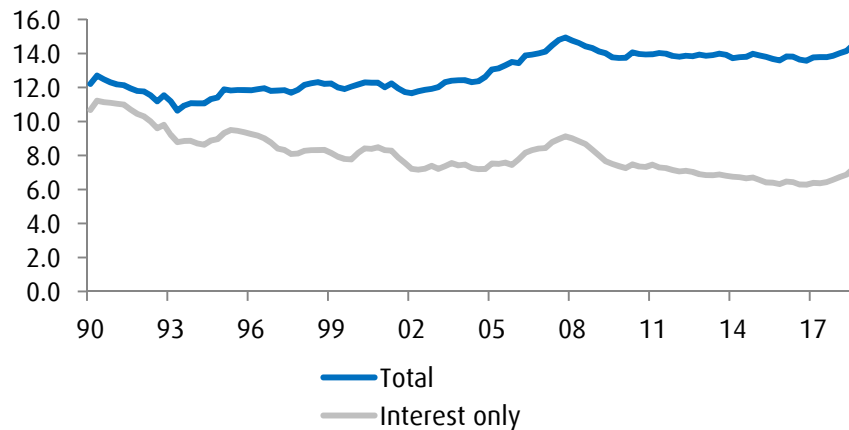
² Data is annual average. Estimates as of March 31, 2019

³ Eurozone estimates provided by OECD

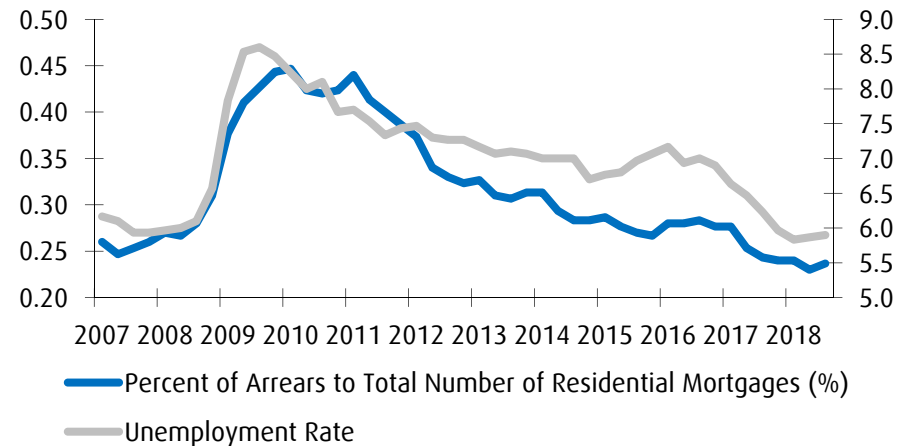
Canada's housing market is stable

- Rising interest rates, tougher mortgage rules and provincial policy measures have slowed the housing market
- The high-priced detached property markets in Toronto and Vancouver have taken the brunt of the impact, though the Toronto condo market remains healthy due to steady demand by international migrants and millennials
- House prices in the oil-producing regions remain weak due to still-elevated inventories and the recent downturn in prices
- We expect real estate markets across the country to remain generally steady this year, with little change in prices
- Mortgage arrears remain near record lows, despite some upturn in Alberta and Saskatchewan
- The household debt-to-income ratio, though elevated, has stabilized recently amid a slower pace of borrowing
- Debt servicing ratio moved higher recently but has remained fairly stable since 2010

Debt Service Ratio



Mortgage Delinquencies/Unemployment



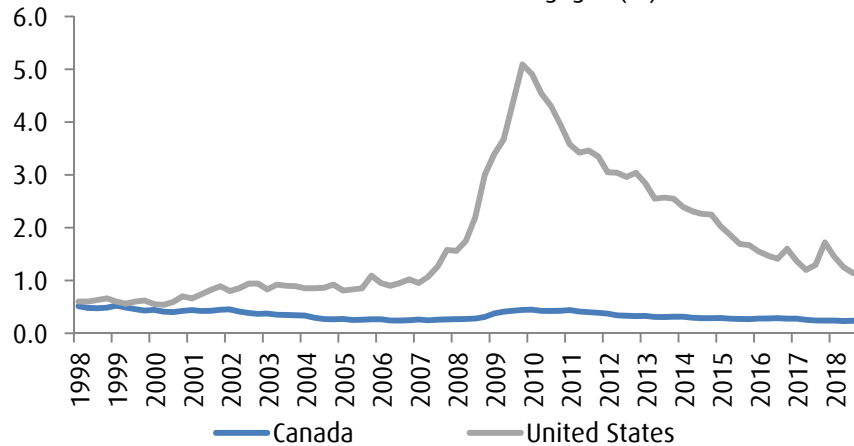
Source: BMO CM Economics and Canadian Bankers' Association as of March 31, 2019
This slide contains forward looking statements. See caution on slide 2

Structure of the Canadian residential mortgage market with comparisons to the United States

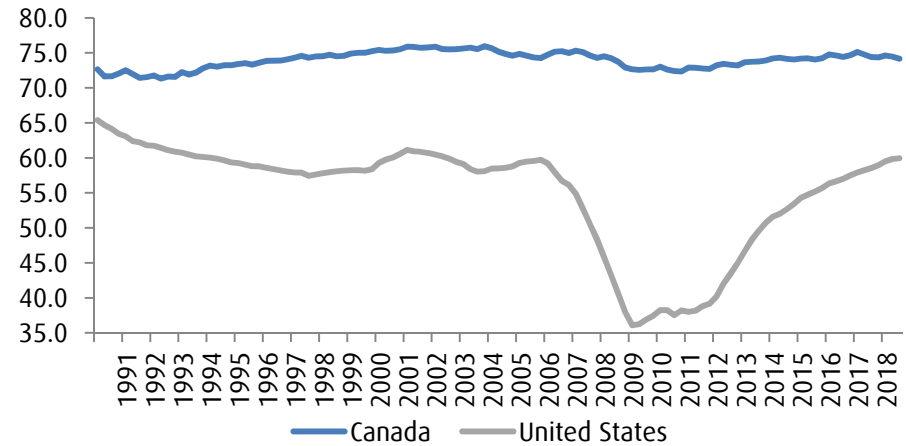
- Conservative lending practices, strong underwriting and documentation discipline have led to low delinquency rates
 - Over the last 30 years, Canada's 90-day residential mortgage delinquency rate has never exceeded 0.7% vs. the U.S. peak rate of 5.0% in early 2010
- Mandatory government-backed insurance for high loan to value (LTV >80%) mortgages covering the full balance
- Government regulation including progressive tightening of mortgage rules to promote a healthy housing market
- Shorter term mortgages (avg. 5 years), renewable and re-priced at maturity, compared to 30 years in the US market
- No mortgage interest deductibility for income tax purposes (reduces incentive to take on higher levels of debt)
- In Canada mortgages are held on balance sheet; in the U.S. they may be sold or securitized in the U.S. market
- Recourse back to the borrower in most provinces
- Prepayment penalties borne by the borrower whereas U.S. mortgages may be prepaid without penalty

Mortgage Delinquencies

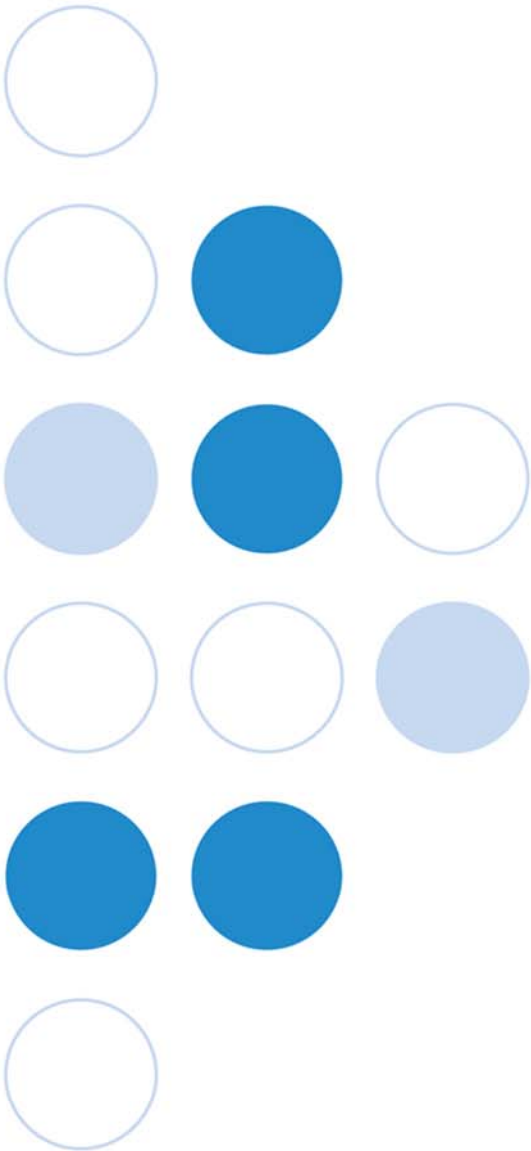
Arrears to Total Number of Residential Mortgages (%)



Equity Ownership (%)



Source: BMO CM Economics and Canadian Bankers' Association as of March 31, 2019
 This slide contains forward looking statements. See caution on slide 2



Investor Relations

Contact Information

bmo.com/investorrelations
E-mail: investor.relations@bmo.com

JILL HOMENUK
Head, Investor Relations
416.867.4770
jill.homenuk@bmo.com

CHRISTINE VIAU
Director, Investor Relations
416.867.6956
christine.viau@bmo.com

