Desjardins

Fédération des caisses Desjardins du Québec

Financial Report

Second quarter of 2020

FINANCIAL HIGHLIGHTS

(in millions of dollars and as a percentage)	As at and for the three-month periods ended			As at and for the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019[1]	**June 30, 2020**	June 30, 2019[1]
Results					
Net interest income	**$ 376**	$ 406	$ 372	**$ 782**	$ 737
Net premiums	**2,263**	2,551	2,270	**4,814**	4,615
Other operating income[2]	**920**	1,004	900	**1,924**	1,842
Operating income[2]	**3,559**	3,961	3,542	**7,520**	7,194
Investment income (loss)[2]	**2,370**	(114)	1,001	**2,256**	2,258
Total income	**5,929**	3,847	4,543	**9,776**	9,452
Provision for (recovery of) credit losses	**108**	199	(6)	**307**	78
Claims, benefits, annuities and changes in insurance contract liabilities	**3,616**	2,083	2,361	**5,699**	5,481
Non-interest expense	**1,782**	1,728	1,816	**3,510**	3,474
Income taxes on surplus earnings	**167**	(113)	56	**54**	47
Surplus earnings (deficit) before dividends to member caisses	**$ 256**	$ (50)	$ 316	**$ 206**	$ 372
Contribution to consolidated surplus earnings by business segment[3]					
Personal and Business Services	**$ 91**	$ (10)	$ 142	**$ 81**	$ 227
Wealth Management and Life and Health Insurance	**261**	(41)	179	**220**	312
Property and Casualty Insurance	**16**	73	123	**89**	42
Treasury and Other Support to Desjardins Group Entities	**(112)**	(72)	(128)	**(184)**	(209)
	$ 256	$ (50)	$ 316	**$ 206**	$ 372
Indicators					
Return on equity[2]	**6.6%**	(1.7)%	8.4%	**2.5%**	5.1%
Credit loss provisioning rate[2]	**0.70**	1.21	(0.04)	**0.97**	0.25
Gross credit-impaired loans/gross loans and acceptances[2]	**0.83**	0.58	0.61	**0.83**	0.61
On-balance sheet and off-balance sheet					
Assets	**$ 190,905**	$ 177,578	$ 164,252	**$ 190,905**	$ 164,252
Net loans and acceptances	**57,738**	65,527	61,392	**57,738**	61,392
Deposits	**74,921**	69,318	59,512	**74,921**	59,512
Equity	**15,743**	15,925	15,043	**15,743**	15,043
Assets under administration[4]	**433,888**	395,770	419,813	**433,888**	419,813
Assets under management[5]	**81,588**	73,031	72,890	**81,588**	72,890
Capital ratios and leverage ratio					
Tier 1A capital ratio	**17.9%**	17.6%	15.7%	**17.9%**	15.7%
Tier 1 capital ratio	**17.9**	17.6	15.7	**17.9**	15.7
Total capital ratio	**18.3**	17.6	15.7	**18.3**	15.7
Leverage ratio	**9.2**	9.6	7.9	**9.2**	7.9

[1] The data have been reclassified to conform to the current period's presentation.
[2] See “Non-GAAP measures”.
[3] The breakdown by line item is presented in Note 12, “Segmented information”, to the Interim Consolidated Financial Statements.
[4] Data for 2019 have been reclassified to conform to the current period's presentation.
[5] Assets under management may also be administered by the Federation. When this is the case, they are included in assets under administration.

MESSAGE FROM SENIOR MANAGEMENT

Lévis, August 11, 2020 – For the second quarter ended June 30, 2020, the Federation recorded surplus earnings before dividends to member caisses of $256 million, down $60 million or 19.0% compared to the corresponding quarter of 2019. The financial repercussions of the COVID-19 pandemic continued to affect results during the second quarter of 2020. A $114 million increase in the provision for credit losses was recognized, mainly as a result of the continuing deterioration in the economic situation and its potential effects on some of its members and clients. However, the travel insurance provisions taken in the first quarter were revised based on the actual and expected volume of claim applications. The lower surplus earnings were also due to a higher claims experience in property and casualty insurance as a result of a hailstorm-related catastrophe in Alberta during the second quarter of 2020 as well as less favourable developments in prior year claims.

It should also be mentioned that the lower auto insurance claims for the current year because of changes in driving habits made it possible to give members and clients a $155 million refund of auto insurance premiums as a relief measure to support them during the pandemic period.

As well, this result reflects the contribution of $91 million made by the Personal and Business Services segment. The Wealth Management and Life and Health Insurance segment and the Property and Casualty Insurance segment contributed $261 million and $16 million, respectively, to surplus earnings.

In the context of the COVID-19 pandemic, the Government of Canada, through the Bank of Canada and the CMHC, deployed a number of financing initiatives to support the Canadian financial system by maintaining a source of financing for businesses. Like the Canadian banks, the Federation made use of these programs for an amount of $14.5 billion as at June 30, 2020. These additional sources of funding allow the Federation to maintain a sufficient level of liquidity to deal with the repercussions of the pandemic.

The Federation complies with Basel III rules and maintains very good capitalization. As at June 30, 2020, the Federation's Tier 1A and total capital ratios were 17.9% and 18.3%, respectively, compared to 16.9% as at December 31, 2019.

"The second-quarter results are proof of Desjardins Group's exceptional financial stability. This stability has allowed it to actively support its members and clients, as well as their communities since the very beginning of the pandemic, and to continue initiatives aimed at restarting the economy. This support includes relief measures, especially auto insurance premium refunds, and the GoodSpark Fund" said Desjardins President and CEO, Guy Cormier. "I was also proud to learn the results of The Banker study that ranked Desjardins as Canada's best-performing financial institution in 2019, and the one that would be in the best position to meet the challenges posed by the pandemic in 2020."

MANAGEMENT'S DISCUSSION AND ANALYSIS

The *Fédération des caisses Desjardins du Québec* (the Federation) is a cooperative entity of Desjardins Group (Desjardins Group or Desjardins). Desjardins Group comprises the Desjardins caisses in Québec and the Caisse Desjardins Ontario Credit Union Inc. (the caisses), the Federation and its subsidiaries, and the *Fonds de sécurité Desjardins*.

The Management's Discussion and Analysis (MD&A) dated August 11, 2020 presents the analysis of the results of and main changes to the Federation's balance sheet for the period ended June 30, 2020, in comparison to previous periods. The Federation reports financial information in compliance with *Regulation 52-109 respecting Certification of Disclosure in Issuers' Annual and Interim Filings* prescribed by the Canadian Securities Administrators (CSA). Information on the Federation's controls and procedures is presented in the "Additional information" section of this MD&A.

This MD&A should be read in conjunction with the unaudited Condensed Interim Consolidated Financial Statements (the Interim Consolidated Financial Statements), including the notes thereto, as at June 30, 2020, and the Federation's 2019 Annual Report (the 2019 Annual Report), which contains the MD&A and the audited Annual Consolidated Financial Statements (the Annual Consolidated Financial Statements).

Additional information about the Federation is available on the SEDAR website at www.sedar.com (under the *Fédération des caisses Desjardins du Québec* profile). The Annual Information Form of the Federation can be found on SEDAR as well. Further information is available on the Desjardins website at www.desjardins.com/ca/about-us/investor-relations. None of the information presented on these sites is incorporated by reference into this MD&A.

The Annual and Interim Consolidated Financial Statements have been prepared by the Federation's management in accordance with the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB), and the accounting requirements of the *Autorité des marchés financiers* (AMF) in Québec, which do not differ from IFRS. IFRS represent Canadian generally accepted accounting principles (GAAP). These Interim Consolidated Financial Statements of the Federation have been prepared in accordance with International Accounting Standard (IAS) 34, "Interim Financial Reporting". The accounting policies were applied as described in Note 2, "Basis of presentation and significant accounting policies", to the Annual Consolidated Financial Statements.

This MD&A was prepared in accordance with the regulations in force on continuous disclosure obligations issued by the CSA. Unless otherwise indicated, all amounts are presented in Canadian dollars ($) and are primarily from the Federation's Annual and Interim Consolidated Financial Statements.

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CAUTION CONCERNING FORWARD-LOOKING STATEMENTS

The Federation's public communications often include oral or written forward-looking statements, within the meaning of applicable securities legislation. Such forward-looking statements are contained in this MD&A and may be incorporated in other filings with Canadian regulators or in any other communications. Forward-looking statements include, but are not limited to, comments about the Federation's objectives regarding financial performance, priorities, operations, the review of economic conditions and markets, the outlook for the Québec, Canadian, U.S. and global economies, as well as the possible impact of the COVID-19 pandemic on our operations, our results and our financial position, as well as on economic conditions and financial markets. Such statements are typically identified by words or phrases such as "believe", "expect", "anticipate", "intend", "estimate", "plan" and "may", words and expressions of similar import, and future and conditional verbs.

By their very nature, such statements involve assumptions, uncertainties and inherent risks, both general and specific. It is therefore possible that, due to many factors, the assumptions made may be incorrect, or the predictions, forecasts or other forward-looking statements as well as the Federation's objectives and priorities may not materialize or may prove to be inaccurate and that actual results differ materially.

A number of factors, many of which are beyond the Federation's control and the effects of which can be difficult to predict, could influence, individually or collectively, the accuracy of the forward-looking statements in this MD&A. These factors include those discussed in Section 4.0, "Risk management", of the Federation's 2019 annual MD&A and in the "COVID-19 pandemic" and "Risk management" sections of this MD&A for the second quarter of 2020, such as credit, market, liquidity, operational, insurance, strategic and reputation risk. Additional factors include legal and regulatory risk, environmental or social risk, and the risk related to pension plans.

Additional factors that may affect the accuracy of the forward-looking statements in this MD&A also include factors related to climate change, household indebtedness and real estate market trends, technological advancement and regulatory developments, interest rate fluctuations and geopolitical uncertainty. Furthermore, there are factors related to general economic and business conditions in regions in which the Federation operates; cyber threats; monetary policies; the accuracy and completeness of information concerning clients and counterparties; the critical accounting estimates and accounting standards applied by the Federation; new products and services to maintain or increase the Federation's market share; geographic concentration; acquisitions and joint arrangements; and credit ratings. Other factors include amendments to tax laws, unexpected changes in consumer spending and saving habits, talent recruitment and retention for key positions, the ability to implement the Federation's disaster recovery plan within a reasonable time, the potential impact of international conflicts on operations, public health crises, such as pandemics and epidemics, including the COVID-19 pandemic, or any other similar disease affecting the local, national or global economy, and the Federation's ability to anticipate and properly manage the risks associated with these factors, despite a disciplined risk management environment. Additional information about these factors is found in Section 4.0, "Risk management" of the Federation's 2019 annual MD&A and in the "COVID-19 pandemic" and "Risk management" sections of this MD&A for the second quarter of 2020.

It is important to note that the above list of factors that could influence future results is not exhaustive. Other factors could have an adverse effect on the Federation's results. Additional information about these and other factors is found in Section 4.0, "Risk management" of the Federation's 2019 annual MD&A.

Although the Federation believes that the expectations expressed in these forward-looking statements are reasonable and founded on valid bases, it cannot guarantee that these expectations will materialize or prove to be correct. The Federation cautions readers against placing undue reliance on forward-looking statements when making decisions, given that actual results, conditions, actions or future events could differ significantly from the targets, expectations, estimates or intentions advanced in them, explicitly or implicitly. Readers who rely on these statements must carefully consider these risk factors and other uncertainties and potential events, including the uncertainty inherent in forward-looking statements.

The significant economic assumptions underlying the forward-looking statements in this document are described in Section 1.5 "Economic environment and outlook" of the Federation's 2019 annual MD&A. These assumptions may also be updated in the quarterly MD&As, in the "Economic environment and outlook" section. To develop our economic growth forecasts, in general and for the financial services sector, we mainly use historical economic data provided by recognized and reliable organizations, empirical and theoretical relationships between economic and financial variables, expert judgment and identified upside and downside risks for the domestic and global economies. Given how the COVID-19 pandemic has developed, greater uncertainty is attached to our economic assumptions compared to previous periods, such assumptions being based on uncertain future developments and considering the difficulty of anticipating the extent of the pandemic's long-term effects.

Any forward-looking statements contained in this MD&A represent the views of management only as at the date hereof, and are presented for the purpose of assisting readers in understanding and interpreting the Federation's balance sheet as at the dates indicated or its results for the periods then ended, as well as its strategic priorities and objectives as considered as at the date hereof. These statements may not be appropriate for other purposes. The Federation does not undertake to update any oral or written forward-looking statements that could be made from time to time by or on behalf of the Federation, except as required under applicable securities legislation.

SIGNIFICANT EVENTS

COVID-19 pandemic

On March 11, 2020, the World Health Organization declared a COVID-19 pandemic, and on March 13, 2020, the Québec government declared a public health emergency throughout Québec. Since this date, the declaration of a public health emergency has been successively extended. The Canadian government introduced various protection measures during the first half of 2020. Since March, the governments of affected regions have implemented measures designed to contain the spread of the virus, including business shutdowns, travel restrictions, quarantines, prohibition of gatherings and event cancellations. Following recommendations by government authorities concerning the spread of COVID-19, Desjardins Group implemented a number of protection and relief measures as of March.

Since May 4, 2020, Québec and Ontario have gradually started to ease restrictions, and the various stores and businesses have been given permission to reopen to the public under certain conditions. They must, however, make sure that they comply with public health directives regarding physical distancing and hygiene measures. While deconfinement has begun, Desjardins has chosen to be cautious in order to limit the risk of spreading the virus, and continues to make the health and safety of its members and employees its top priority. Desjardins service centres have gradually reopened since June 15, and Desjardins continues to favour online or remote service delivery. In July, approximately 80% of employees were working from home. Desjardins is closely monitoring the situation and continues to adjust to ensure service continuity in the context of COVID-19.

Virtual special general meetings

In March 2020, in the context of COVID-19 and to comply with social distancing measures to limit the spread of the virus, Desjardins Group announced that it would postpone the caisse general meetings, usually held in April, which as a result delayed the payment of member dividends, for which a vote by members is necessary. On May 22, 2020, Desjardins announced that more than 200 caisses would hold virtual special general meetings by the end of September 2020 to allow members to vote for their dividend payment.

Main measures for the benefit of members and clients

Desjardins has deployed a number of measures to support its members and clients in the context of COVID-19. A number of relief measures have been in place since March 16, 2020 for personal and business members and clients who might experience difficulty meeting their financial obligations because of the current situation. The solutions available to personal members and clients included payment relief for all their financing products and offering credit to members and clients needing quick access to cash, such as loans of last resort of up to $3,000 to personal members hit hard by COVID-19. In addition, Desjardins is temporarily granting an annual interest rate of 10.9% to personal members and clients who have Desjardins Visa and MasterCard credit cards and obtained a payment deferral on a Desjardins financing product. For business members and clients, needs are analyzed on a case-by-case basis, and special measures could be adopted to meet them, such as a temporary revision of financing conditions for credit lines, a moratorium on principal debt repayment, accelerated decision-making, deferred payments on credit cards and Accord D financing, and refinancing of certain assets. In addition, since the extended lockdown period and movement restrictions led to a significant reduction in auto insurance claims, Desjardins Group's property and casualty insurance subsidiaries gave more than 2.1 million eligible personal and business insureds a refund of between 25% to 40% of the amount of their monthly auto insurance premium, based on the conditions in each market, for a total of $105 million, bringing the total refunds for auto insurance clients to $155 million, since they received an initial $50 million in April.

The table below presents members' and clients' use of the main relief measures as at June 30, 2020.

Products	As at June 30, 2020	
Financing	**Number**	**Amount outstanding**
Residential mortgages and consumer loans	**149,000**	**$17.9 billion**
Credit card and other personal loans	**125,000**	**$1.2 billion**
Business loans	**27,900**	**$16.2 billion**
Insurance	**Number**	**Value of refund**
Auto insurance premium refund[1]	**2,151,000**	**$155 million**

[1] Includes the $105 million refund to personal and business insureds announced on June 29, 2020.

In addition to these measures, Desjardins set up partnerships with the Québec and Canadian governments in order to offer solutions to members and clients. The Federation is participating in the following assistance programs in particular, which help to provide additional liquidity to finance operations or enhance working capital for businesses experiencing temporary difficulties on account of COVID-19.

- Canada Emergency Business Account (CEBA)

  Under this program, implemented in collaboration with Export Development Canada (EDC), the Federation provides loans of $40,000 interest-free until December 31, 2022 (and at a rate of 5% thereafter), funded by the federal government, to small businesses and non-for-profits to help them cover their operating expenses during a time when their revenue has been temporarily reduced. Loans granted under this program are derecognized from the Federation's Consolidated Balance Sheets as the program meets the criteria for transfer of cash flows and of substantially all the risks and rewards of ownership of the loans to the government. As at June 30, 2020, 84 loans totalling $3 million had been granted to the Federation's clients specifically under the CEBA program.

- Business Development Bank of Canada (BDC) Co-Lending Program

  Under this program, set up through the Business Credit Availability Program (BCAP), the Federation grants term loans for which the maximum amount is calculated based on sales, with conditions tailored to the business' needs. BDC and the Federation entered into a joint facility under which BDC automatically acquires an 80% participation in term loans granted to eligible clients of the Federation. The maximum loan amount is $6.25 million ($18.75 million per borrower group) and a moratorium on principal payments of up to 12 months is permitted. The participation in loans funded by BDC is derecognized from the Federation's Consolidated Balance Sheets as the program meets the criteria for transfer of substantially all the risks and rewards of ownership of the loans to the government. As at June 30, 2020, no loans had been granted to clients of the Federation specifically under this co-lending program.

- BDC mid-market financing program

  Under this program, commercial loans of $12.5 million to $60 million are granted to medium-sized companies (annual revenue in excess of $100 million) that have been particularly impacted by the COVID-19 pandemic and whose credit requirements exceed what is already available under the BCAP and other measures. The loans will be granted by the BDC (90%), in close collaboration with the business' senior lender or lending syndicate (10%), to cover operational liquidity needs and support business continuity. Interest will be capitalized for the first 12 months and no principal payments are required until the 48 month maturity. No loans have been granted by Desjardins since the program was launched in July 2020.

- Loan guarantees for small- and medium-sized enterprises (EDC)

  Under the BCAP, EDC also offers a guarantee of up to 80% of the financial institution's residual loss for new operating lines of credit and new term loans of up to $6.25 million for small and medium-sized enterprises (SMEs). Desjardins favours granting term loans, with a moratorium on principal of up to 12 months and a maximum amortization of 60 months. Guarantee fees are payable by the borrower to EDC. As at June 30, 2020, 32 loans totalling $14 million had been granted to Desjardins Group's members and clients under this program.

- Concerted temporary action program for businesses (PACTE) with Investissement Québec

  Investissement Québec (IQ) offers a guarantee of up to 70% of the financial institution's residual loss for new operating lines of credit and new term loans (minimum $71,500) for funding needs for a maximum of 12 months, for businesses operating in Québec, including cooperatives and other social economy enterprises with commercial operations. Desjardins favours granting term loans, with a moratorium on principal of up to 12 months and a recommended amortization of 36 months, but a possible maximum of 60 months. Guarantee fees are payable by the borrower to IQ. In addition, IQ offers a similar guarantee for eligible tourist establishments and attractions of up to 90% of the financial institution's residual net loss for new operating lines of credit and new term loans (no minimum or maximum) for funding requirements limited to a maximum period of 18 months, with a moratorium on principal and/or interest for up to 24 months. As at June 30, 2020, 180 loans totalling $65 million had been granted to Desjardins Group's members and clients under the PACTE program.

Capital and liquidity measures

In the context of the COVID-19 pandemic, the AMF introduced a series of measures to support Québec's financial system, including adjustments to capital requirements related to the COVID-19 pandemic. For details on the measures put in place by Desjardins Group in this regard, please see the "Capital management" section of this MD&A.

In addition, the Canadian government set up programs for extraordinary liquidity facilities to facilitate access to funding for financial institutions. Additional information on the federal government programs used by Desjardins Group may be found under "Sources of funding" in the "Risk management" section of this MD&A.

These additional funding sources allow the Federation to maintain adequate levels of liquidity to deal with impacts related to the pandemic. Furthermore, the Federation complies with Basel III rules and maintains very good capitalization. As at June 30, 2020, the Federation's Tier 1A and total capital ratios were 17.9% and 18.3%, respectively, compared to 17.6% as at March 31, 2020 and 16.9% as at December 31, 2019.

Social measures and reopening of the economy

We should remember that as of March, Desjardins Group had announced a number of hygiene and protection measures to help limit the spread of COVID-19 and its effects. These included in particular reducing the number of service outlets open to members and clients, increasing the contactless payment limit for credit and debit cards at Desjardins payment terminals, reducing physical access hours at Desjardins caisses, introducing assistance measures for young clients, improving support for members aged 70 and over, making donations to community organizations meeting basic needs and donating protective masks to the Québec government.

During the gradual deconfinement initiated in Québec and Ontario, some Desjardins service centres have been reopened to the public since June 15, 2020, while others have remained closed. Each caisse's distribution network has been analyzed and various factors have been taken into account in selecting the centres to be reopened, such as proximity to other service centres, the availability of an ATM, and members' travel patterns to commercial areas where the caisse is located. Desjardins continues to follow government directives and public health guidelines, which call for caution and promote a gradual recovery in economic activity. Service centres will reopen gradually over the next few months, depending on how the situation evolves. By the end of July 2020, more than 700 service centres in Québec and Ontario had been reopened to properly serve our members and clients while complying with public health measures to limit the spread of COVID-19.

As provided in the business continuity plan, Desjardins continues to promote remote service delivery and recommends virtual meetings with members and clients. Where this is not possible, Desjardins has implemented hygiene rules and physical distancing, and under certain circumstances, recommends installing a barrier, such as Plexiglas, or wearing personal protective equipment, while following the guidelines for wearing a face mask in enclosed public spaces, which has been mandatory in Québec since July 18. All essential physical meetings of members and clients are held at one of the sites designated for each caisse or service centre, and Desjardins recommends limiting the physical presence of members to between 10 a.m. and 3 p.m. Normal caisse business hours remain the same for telephone and virtual meetings. Members and clients continue to have access to Desjardins ATMs, telephone services as well as to its *AccèsD* Internet, telephone and mobile services. In addition to workplace hygiene and protection rules, Desjardins has introduced maintenance, cleaning and disinfection measures as well as certain access restrictions to restrict movement at its corporate sites.

To contribute to the reopening of the Québec and Ontario economies, Desjardins has put forward a number of initiatives to encourage innovation and entrepreneurship and thereby help out businesses and community organizations. These initiatives include the creation of the $150 million GoodSpark Fund and the $10 million Momentum Fund, as well as a partnership with Google and Bonjour Startup Montréal to hold an innovation competition.

- GoodSpark Fund

  The GoodSpark Fund will use its $150 million budget for initiatives extending into 2024, in particular to stimulate regional, social and economic activity in order to back projects that support community priorities, such as education, the environment, employment and entrepreneurship.

- Momentum Fund

  The Momentum Fund's aim is to help local businesses accelerate growth and create quality jobs—two key drivers in regional economic development. Over the next two years, its $10 million budget will provide funding equal to 25% of project costs, up to a maximum of $10,000. Businesses can apply under a wide range of categories, including digital transformation, ergonomics and social distancing, psychological support, business model transformation, innovation, business succession, international market development, and investment in talent and energy-efficient equipment.

- The < Post > COVID Challenge

  Close to 400 contestants have submitted projects under the < Post > COVID Challenge, a virtual competition extended over four weeks and whose mission is to find innovative solutions to societal issues resulting from COVID-19 in Québec. Organized by Bonjour Startup Montréal, Desjardins (through *Coopérathon*) and Google Canada, in cooperation with a number of other stakeholders in the startup ecosystem, the < Post > COVID Challenge has selected three promising challenges, submitted by individuals and startups. These winning projects will continue to be developed with support from experienced entrepreneurs and experts from multiple domains. As a prerequisite, each project must address a real need in a sector that has been particularly affected by the crisis, i.e. health care, education or employment. A winning project has been selected for each sector.

Impact of the pandemic

As mentioned in the "Economic environment and outlook" section of this MD&A, the spread of the coronavirus has had a disruptive impact on the countries and Canadian provinces where the Federation operates, and on the global economy in general, while triggering higher volatility and a decline on financial markets. Should the COVID-19 pandemic be prolonged or should a second wave occur, or should other diseases appear with similar effects, the adverse impact on the global economy could be exacerbated and lead to even sharper declines on capital markets. The Federation's operations largely consist of granting loans or providing financial services and insurance products to governments, public and parapublic institutions, individuals and medium-sized businesses and large corporations. The impact of the COVID-19 pandemic on such borrowers and clients could have a significant negative impact on the Federation's financial results, operations, financial position or liquidities. The COVID-19 pandemic could also lead to disruptions among the Federation's main suppliers of goods and services and result in the increased unavailability of personnel, which would have an adverse impact on the quality and continuity of customer services and on the Federation's reputation. Consequently, the impact of the COVID-19 pandemic could have a negative effect on the Federation's operations, operating results, profitability, reputation and financial position for an undetermined, considerable period of time. The Federation is continuing to monitor developments in the COVID-19 pandemic and the potential detrimental effects on its operations. The pandemic's repercussions on the economy, markets and our activities and financial position depend on highly uncertain future developments that are difficult to foresee given the uncertainty about the magnitude, gravity and duration of the pandemic, as well as the possibility of a second wave that could lead to closures of certain sectors of the economy or a tightening of lockdown measures by government authorities.

The COVID-19 pandemic has led to, or could lead to, an increase in some of the risks described in the "Risk management" section on pages 51 to 79 of the 2019 annual MD&A, including credit, market and liquidity risks, insurance risk and operational risk. We could also be faced with an increased risk of litigation with our members and clients, and of regulatory and government supervision because of the effects of the COVID-19 pandemic on market and economic conditions, and the measures taken by government authorities to counter them. The COVID-19 pandemic and its associated risks are the main situation being monitored by Desjardins Group. Desjardins is closely monitoring developments in these risks to ensure the sustainability of its operations in a crisis situation. For details about the impact of the pandemic on risks, see the "Risk management" section of this MD&A.

On March 2, 2020, Desjardins Group released its financial objectives and outlook for 2020 in its annual MD&A for the year ended December 31, 2019, which did not take into account the potential impact of the disruptions related to the COVID-19 pandemic. Given the risk and uncertainty created by COVID-19 for the local, national and global economy, as well as for its members and clients and its operations, Desjardins Group withdrew its financial objectives and outlook for 2020 published in section 1.4 "Strategic orientations and financial objectives" in its 2019 annual MD&A.

The impact of the COVID-19 pandemic on the Federation's financial results for the first half of 2020 is reflected particularly by the $229 million increase in the provision for credit losses mainly as a result of the significant deterioration in the economic outlook, the higher travel insurance provisions taken following the Canadian government's announcement of travel restrictions and the increase in credit balance insurance provisions. Refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during this pandemic period were offset by lower auto insurance claims for the current year as a result of changes in driving habits.

Acquisition of DuProprio and Purplebricks Canada

On July 15, 2020, the Federation reached an agreement with Purplebricks Group plc (Purplebricks), the leading UK hybrid real estate agency, through which Purplebricks sold it its Canadian holding company, 9059-2114 Québec inc. The Canadian holding company and its subsidiaries mainly operate two brands, DuProprio and Purplebricks Canada, each with a unique business model. The acquired companies have more than 500 employees, with over 300 in Québec and some 200 across Ontario, Manitoba and Alberta. The deal, valued at about $61 million, took effect on July 15, 2020.

Changes to merchant financing activities

On October 31, 2019, the Federation announced it would gradually phase out in-store Accord D financing as of May 1, 2020. These activities were presented in the Personal and Business Services segment.

Purchase of a home mortgage portfolio

On February 1, 2020, the Federation acquired a portfolio of quality home mortgages from La Capitale, for a total consideration of $474 million. This acquisition consolidated Desjardins Group's leadership position in Québec's residential mortgage market.

NON-GAAP MEASURES

To assess its performance, the Federation uses GAAP (IFRS) measures and various non-GAAP financial measures. Non-GAAP financial measures, other than the regulatory ratios, do not have a standardized definition and are not directly comparable to similar measures used by other companies, and may not be directly comparable to any GAAP measures. Investors, among others, may find these non-GAAP measures useful in analyzing financial performance. They are defined as follows:

Gross credit-impaired loans/gross loans and acceptances

The gross credit-impaired loans/gross loans and acceptances ratio is used to measure loan portfolio quality and is equal to gross credit-impaired loans expressed as a percentage of total gross loans and acceptances.

The "Gross credit-impaired loans by borrower category" table of the MD&A provides more detailed information on this ratio.

Average loans and acceptances – Average deposits – Average equity

The average balances for these items are used to measure growth. They are equal to averages of the amounts presented in the Consolidated Financial Statements at the end of the quarters calculated starting from the quarter prior to the period concerned.

Loss ratio – Expense ratio – Combined ratio

These ratios are used to measure the performance of the Property and Casualty Insurance segment.

The loss ratio is equal to incurred claims less reinsurance, expressed as a percentage of net premiums earned, excluding the market yield adjustment. Market yield adjustment is defined as the impact of changes in the discount rate on the provisions for claims and adjustment expenses based on the change in the market-based yield of the underlying assets for these provisions.

The loss ratio is comprised of the following ratios:
- Current year loss ratio, which is the loss ratio excluding catastrophe and major event claims expenses for the current year as well as changes in prior year claims, net of related reinsurance, not including reinstatement premiums, as applicable.
- Loss ratio related to catastrophes and major events, which is the loss ratio including catastrophe and major event claims expenses for the current year, net of reinsurance and including the impact of reinstatement premiums, as applicable.
- Ratio of changes in prior year claims, which is the loss ratio including the effect of changes in prior year claims, net of related reinsurance, not including reinstatement premiums, as applicable.

The expense ratio is equal to operating expenses expressed as a percentage of net premiums earned.

The combined ratio is equal to the sum of the loss ratio and the expense ratio.

The following table presents the calculation of the loss ratio, the expense ratio and the combined ratio, as presented in the MD&A.

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Net premiums	**$ 1,215**	$ 1,377	$ 1,222	**$ 2,592**	$ 2,406
Net premiums considered in the ratio denominators	**$ 1,215**	$ 1,377	$ 1,222	**$ 2,592**	$ 2,406
Claims, benefits, annuities, and changes in insurance contract liabilities	**$ 1,026**	$ 1,042	$ 805	**$ 2,068**	$ 1,906
Market yield adjustment (MYA)	**(119)**	(122)	(33)	**(241)**	(110)
Claims, benefits, annuities and changes in insurance contract liabilities excluding the MYA	**$ 907**	$ 920	$ 772	**$ 1,827**	$ 1,796
Loss ratio	**74.7%**	66.8%	63.2%	**70.5%**	74.6%
Non-interest expense	**$ 323**	$ 330	$ 303	**$ 653**	$ 610
Other expenses excluded from the expense ratio[1]	**(8)**	(3)	6	**(11)**	7
Operating expenses	**$ 315**	$ 327	$ 309	**$ 642**	$ 617
Expense ratio	**25.9%**	23.7%	25.3%	**24.8%**	25.6%
Combined ratio	**100.6%**	90.5%	88.5%	**95.3%**	100.2%

[1] Comes mainly from investment management expenses as well as certain other expenses.

Return on equity

Return on equity is used to measure profitability resulting in value creation for members and clients. Expressed as a percentage, it is equal to surplus earnings before dividends to member caisses, excluding the non-controlling interests' share, divided by average equity before non-controlling interests.

The following table presents the reconciliation of return on equity with surplus earnings before dividends to member caisses as presented in the MD&A.

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Surplus earnings (deficit) before dividends to member caisses	**$ 256**	$ (50)	$ 316	**$ 206**	$ 372
Non-controlling interests' share	**(7)**	(13)	(18)	**(20)**	(15)
Group's share	**$ 249**	$ (63)	$ 298	**$ 186**	$ 357
Average equity before non-controlling interests' share	**$ 15,152**	$ 14,992	$ 14,187	**$ 15,014**	$ 14,059
Return on equity[1]	**6.6%**	(1.7)%	8.4%	**2.5%**	5.1%

[1] Corresponds to an annualized calculation that takes into account the number of days in the period concerned.

Income

Operating income

The concept of operating income is used to analyze financial results. This concept allows for better structuring of financial data and makes it easier to compare operating activities from one period to the next by excluding the volatility of results specific to investments, particularly regarding the extent of life and health insurance and Property and Casualty Insurance (P&C) operations, for which a very large proportion of investments are recognized at fair value through profit or loss. The analysis therefore breaks down the Federation's income into two parts, namely operating income and investment income, which make up total income. This measure is not directly comparable to similar measures used by other companies.

Operating income includes net interest income, generated mainly by the Personal and Business Services segment and the Treasury and Other Support to Desjardins Group Entities category, net premiums and other operating income such as assessments, service agreements, lending fees and credit card service revenues, income from brokerage and investment fund services, management and custodial service fees, foreign exchange income as well as other income. These items, taken individually, correspond to those presented in the Consolidated Financial Statements.

Investment income

Investment income includes net investment income on securities classified and designated as being at fair value through profit or loss, net investment income on securities classified as being at fair value through other comprehensive income, and net investment income on securities measured at amortized cost and other investment income, which are included under "Net investment income" in the Consolidated Statements of Income. Investment income also includes the overlay approach adjustment for insurance operations financial assets. The life and health insurance and P&C insurance subsidiaries' matching activities, which include changes in fair value, gains and losses on disposals and interest and dividend income on securities, are presented with investment income, given that these assets back insurance liabilities, which are recognized under expenses related to claims, benefits, annuities and changes in insurance contract liabilities in the Consolidated Financial Statements. In addition, this investment income includes changes in the fair value of investments for the Personal and Business Services segment, recognized at fair value through profit or loss.

The following table shows the correspondence of total income between the MD&A and the Consolidated Financial Statements.

(in millions of dollars)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Presentation of income in the Consolidated Financial Statements					
Net interest income	**$ 376**	$ 406	$ 372	**$ 782**	$ 737
Net premiums	**2,263**	2,551	2,270	**4,814**	4,615
Other income					
Assessments	**96**	101	98	**197**	196
Service agreements	**202**	199	199	**401**	385
Lending fees and credit card service revenues	**135**	199	185	**334**	395
Brokerage and investment fund services	**235**	241	223	**476**	437
Management and custodial service fees	**154**	157	148	**311**	295
Net investment income (loss)[1]	**2,669**	(626)	991	**2,043**	2,415
Overlay approach adjustment for insurance operations financial assets	**(299)**	512	10	**213**	(157)
Foreign exchange income	**15**	44	19	**59**	33
Other	**83**	63	28	**146**	101
Total income	**$ 5,929**	$ 3,847	$ 4,543	**$ 9,776**	$ 9,452
Presentation of income in the MD&A					
Net interest income	**$ 376**	$ 406	$ 372	**$ 782**	$ 737
Net premiums	**2,263**	2,551	2,270	**4,814**	4,615
Other operating income					
Assessments	**96**	101	98	**197**	196
Service agreements	**202**	199	199	**401**	385
Lending fees and credit card service revenues	**135**	199	185	**334**	395
Brokerage and investment fund services	**235**	241	223	**476**	437
Management and custodial service fees	**154**	157	148	**311**	295
Foreign exchange income	**15**	44	19	**59**	33
Other	**83**	63	28	**146**	101
Operating income	**3,559**	3,961	3,542	**7,520**	7,194
Investment income (loss)					
Net investment income (loss)[1]	**2,669**	(626)	991	**2,043**	2,415
Overlay approach adjustment for insurance operations financial assets	**(299)**	512	10	**213**	(157)
Investment income (loss)	**2,370**	(114)	1,001	**2,256**	2,258
Total income	**$ 5,929**	$ 3,847	$ 4,543	**$ 9,776**	$ 9,452

[1] The breakdown of this line item is presented in Note 11, “Net interest income and net investment income”, to the Interim Consolidated Financial Statements.

Credit loss provisioning rate

The credit loss provisioning rate is used to measure loan portfolio quality, and is equal to the provision for credit losses divided by average gross loans and acceptances.

The following table presents the calculation of the credit loss provisioning rate as presented in the MD&A.

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Provision for (recovery of) credit losses	**$ 108**	$ 199	$ (6)	**$ 307**	$ 78
Average gross loans	**62,053**	65,788	61,414	**63,228**	61,718
Average gross acceptances	**145**	231	168	**223**	165
Average gross loans and acceptances	**$ 62,198**	$ 66,019	$ 61,582	**$ 63,451**	$ 61,883
Credit loss provisioning rate[1]	**0.70%**	1.21%	(0.04)%	**0.97%**	0.25%

[1] Corresponds to an annualized calculation that takes into account the number of days in the period concerned.

THE FEDERATION'S PROFILE

The Federation is the cooperative entity which is responsible for assuming orientation, framework, coordination, treasury and development activities for Desjardins Group, and acts as a financial agent on Canadian and international capital markets. It provides its member caisses with a variety of services, including certain technical, financial and administrative services. The Federation's mission is also to ensure risk management and capital management for Desjardins Group and look after the financial health of the *Groupe coopératif Desjardins*, which comprises the Desjardins caisses in Québec, the Federation and the *Fonds de sécurité Desjardins*, as well as its sustainability pursuant to the *Act respecting financial services cooperatives*. The Federation had 218 member caisses in Québec as at June 30, 2020 as well as the Caisse Desjardins Ontario Credit Union Inc. A number of its subsidiaries are active across Canada, and the Federation maintains a presence in the U.S. through Desjardins Bank, National Association. The Caisse Desjardins Ontario Credit Union Inc. is the product of a merger between the *Fédération des caisses populaires de l'Ontario Inc.* and its 11 member caisses populaires. The merger took effect on January 1, 2020.

The Federation enables the caisses and other Desjardins Group components to accelerate their development and better respond to the needs of their members and clients. The Federation's structure has been designed to take into account the needs of Desjardins Group's members and clients, as well as the markets in which it operates.

The Federation is, among other things, the treasurer and official representative of Desjardins Group with the Bank of Canada and the Canadian banking system.

The Federation also has the right to participate in the Visa Inc. and MasterCard Inc. payment systems in Canada on behalf of Desjardins Group. In addition, it manages majority interests in joint-stock companies through holding companies.

CHANGES IN THE REGULATORY ENVIRONMENT

This section presents items related to changes in the regulatory environment that apply to Desjardins Group as a whole, including those specific to the Federation and its components.

Desjardins Group closely monitors regulations for financial products and services, as well as new developments in fraud, corruption, tax evasion, protection of personal information, money laundering, terrorist financing and domestic and international economic sanctions in order to mitigate any negative impact on its operations, and aims to comply with best practices in this regard. Additional information can be found in the "Regulatory environment" section of the 2019 annual MD&A, and the "Capital management" section presents further information on regulatory developments relating to capital.

Rules concerning capital instruments

Desjardins Group, under the AMF's Guideline on adequacy of capital base standards for financial services cooperatives, is subject to rules applicable to non-viability contingent capital (NVCC) instruments in its regulatory capital. These rules are similar to the ones set out by the OSFI applicable to Canadian financial institutions. The Federation is able to issue NVCC on Canadian, U.S. and European markets.

The *Proceeds of Crime (Money Laundering) and Terrorist Financing Act* (PCMLTFA)

The final version of the amendments to the PCMLTFA and its regulations, tabled in June 2018, was published by the Department of Finance Canada on July 10, 2019. Some of the amendments took effect upon official publication, certain others in June 2020 and the rest will take effect in June 2021. In February 2020, the Department of Finance Canada published new proposed regulatory changes, which were commented by Desjardins. The final publication of these recent regulatory changes on June 10, 2020 had to do in particular with ongoing monitoring of business relationships. Desjardins Group is continuing to analyze the various regulatory changes and will make the required adjustments, particularly the changes to be made to the systems for electronic funds transfers and large cash transaction reports.

The *Income Tax Act* (ITA) – Part XVIII (FATCA – Foreign Account Tax Compliance Act) and Part XIX (CRS – Common Reporting Standard)

On April 20, 2020, the Canada Revenue Agency (CRA) published amendments to Parts XVIII (FATCA) and XIX (CRS) of the ITA. The amendments, which will take effect on January 1, 2021, provide clarification on the requirements regarding reasonable measures to be taken and the penalties applicable for non-compliance. Desjardins Group is continuing to analyze the various regulatory changes and will make the required adjustments. The work sessions are continuing with the Canadian Life and Health Insurance Association, the Investment Industry Association of Canada, the Canadian Bankers Association, the Investment Funds Institute of Canada and the CRA.

U.S. financial reform bills

U.S. reform initiatives pertaining to financial regulation could affect non-U.S. financial institutions operating in the United States, including Desjardins Group. The deregulation bill of U.S. Congress and the American regulators has been set in motion, in particular with the enactment of a statute providing some relief concerning certain rules prescribed by the *Dodd-Frank Wall Street Reform and Consumer Protection Act* and continuing with the finalizing of a second draft regulation aimed at simplifying the Volcker rule, whose original purpose was to prohibit banking entities from engaging in proprietary trading and to limit their investing in or sponsoring hedge funds and private equity funds. On June 25, 2020, the five U.S. regulators–the Federal Deposit Insurance Corporation, the Office of the Comptroller of the Currency, the Securities and Exchange Commission, the Commodity Futures Trading Commission, and the U.S. Federal Reserve–approved the final changes to the restrictions on the rule concerning investing in and sponsoring hedge funds and private equity funds. These relief measures, which will take effect on October 1, 2020, round out the other revisions to the Volcker rule that took effect on January 1, 2020. Desjardins Group is continuing its analysis to determine the impact of these changes on its operations.

Data confidentiality and security

Because of rapid changes in information technology, the protection of data confidentiality and data security are highly topical areas. In May 2019, the Government of Canada issued its Digital Charter, which provides 10 principles to guide the government's action in terms of information technology, big data and artificial intelligence. On June 16, 2020, the *Québec Ministère de la Justice* tabled Bill 64, *An Act to Modernize Legislative Provisions Respecting the Protection of Personal Information*. As anticipated, Bill 64 follows the broad outline of the European Union's *General Data Protection Regulation*, particularly as it concerns transparency, the duty to inform, consent, the right to data portability and the right to be forgotten. Desjardins Group is currently analyzing the bill to determine its impact on its operations. At the same time, the federal government is also preparing to overhaul its regulations to protect personal information in the private sector.

Pillar 3 financial disclosure requirements

Desjardins Group continues to monitor changes in financial disclosure requirements under global standards developed by the Basel Committee on Banking Supervision (BCBS). These requirements related to the third pillar aim to enhance comparability across financial institutions, transparency and disclosure with regard to regulatory capital adequacy and risk exposure. In December 2016, the AMF filed an update of its guideline on the adequacy of capital base standards for financial services cooperatives, which includes revised Pillar 3 provisions. Desjardins Group has issued a Pillar 3 Report since December 31, 2018 in order to comply with it. In October 2019, as part of a public consultation by the AMF, Pillar 3 financial disclosure requirements were removed from the *Capital Adequacy Guideline* and included in a separate document entitled *Pillar 3 Disclosure Requirements Guideline*. This document took effect on January 1, 2020 and features new requirements that deal in particular with liquidity risk, operational risk, interest rate risk in the banking book and credit valuation adjustments. It was anticipated that these requirements would be phased in until January 1, 2022. However, during the first two quarters of 2020, the AMF announced relief measures intended to minimize the impact of COVID-19 on Québec's financial system. These measures included, in particular, postponing the effective date of the disclosures to first quarter 2023 and the adjustment of certain existing requirements in order to include additional information on regulatory capital. Desjardins Group is continuing to work toward compliance with these new requirements.

Report on Ontario's auto insurance system

Following the Ontario government's economic update concerning, among other things, property insurance and general insurance, the current automobile insurance plan will undergo another review. In the update, the government showed that it wanted to make automobile insurance more affordable for Ontario drivers. Although a first wave of changes was expected to roll out during the year, in the wake of the COVID-19 pandemic, the Ontario government is reviewing its priorities for the remainder of 2020 and it is possible that certain files may be delayed, including the review of the auto insurance system. Once this file is back on the Ontario government's agenda, the Financial Services Regulatory Authority of Ontario (FSRA), the regulator that has overseen the province's financial regime since June 2019, will in particular study how insurance rates are regulated. The FSRA aims to be a modern and innovative regulator capable of responding to the dynamic pace of change in the marketplace, the industry and consumer expectations. The Canadian insurance industry, which includes Desjardins Group, is actively working with the current government to ensure a smooth transition to the FSRA until the new reform of Ontario's automobile insurance system is in place.

Modernization of the Canadian payments system

Since 2016, Payments Canada has been carrying on a complex, multiyear initiative to modernize the Canadian payments system that mobilizes the financial industry, the federal government and Payments Canada. Desjardins Group continues to monitor developments in this project and to analyze the potential impacts and advantages of payments system modernization and the emergence of new payment technologies.

Client focused reforms

In October 2019, the Canadian Securities Administrators (CSA) adopted new obligations for brokerage firms and investment dealers, called the Client Focused Reforms. The new obligations have to do in particular with "know your client" and "know your product", the suitability of recommendations and dealing with conflicts of interest. The CSA also developed a new fundamental requirement for registrants, namely that clients' interests come first in terms of suitability of investments. Desjardins Group is continuing its analysis to determine the impact on its operations and to comply within the time limit provided. The Client Focused Reforms have been in effect since December 31, 2019 and their application is expected to extend over a period of two years.

Guideline on Information and Communications Technology Risk Management

In February 2020, the AMF published the final version of the Guideline on Information and Communications Technology Risk Management (GICT), applying, in particular, to insurers and financial services cooperatives. The financial institutions targeted by the guideline are to comply with its expectations by February 2021. An analysis of the GICT's impact on Desjardins Group's operations was completed in July 2020, and the next step will be to plan and carry out the necessary work to comply with the GICT.

ECONOMIC ENVIRONMENT AND OUTLOOK

Global economy

The global economy was showing signs of improving at the start of the year, due in part to reduced trade tensions between China and the United States. However, this changed with the outbreak of COVID-19 in China. First it was the Chinese economy that experienced some real problems, posting a 33.8% annualized decline in real GDP in the first quarter. For the global economy the initial consequences were falling Chinese demand and supply problems. However, as the coronavirus spread to many other countries and became a full-blown pandemic, economic development around the world faced even greater problems. The decline in tourism, the temporary closure of several services and the required health and lockdown measures, either suggested or imposed by the public authorities of many countries, led to major declines in real GDP in the first quarter and an annualized drop of 13.6% in the eurozone. Outside of China, the situation deteriorated even more in the second quarter, with annualized contractions of approximately 40% of the activity in several countries, confirming a global recession. However, May brought evidence that household and business confidence had begun to improve. The global economy is expected to rally in the second half of 2020 and in 2021, although it will take time to reach pre-crisis levels. The possibility of a significant second wave of COVID-19, however, poses a very significant risk to the global economy.

The pandemic provoked a dramatic plunge in the equity markets and a substantial widening of credit spreads in the first quarter of 2020, but this was followed by a major rebound in the value of high-risk assets in the second quarter. The main U.S. stock market indices posted their strongest quarterly gains since the start of the new millennium, with technology stocks leading the way. Credit spreads also narrowed sharply, driving appreciable gains in the bond markets. This good performance by the financial markets was largely due to the actions taken by central banks which, in addition to dramatically lowering interest rates, supported demand for all financial assets by injecting massive amounts of liquidity and even buying certain riskier assets directly. Initiatives to re-open several economies have also helped reassure investors.

In an environment where inflation and economic activity are expected to recover very gradually and where health risks are likely to persist, the U.S. Federal Reserve (the Fed) and the Bank of Canada are committed to using all the tools at their disposal to support the economic recovery and the smooth functioning of financial markets. Key interest rates should therefore remain stable in North America for the next few quarters, and this will help keep bond rates very low. Abundant liquidity and low interest rates may continue to underpin value for all financial assets.

United States

The U.S. economy was growing quite strongly at the start of 2020. Markets and consumer and business confidence were supported by the key interest rate cuts announced in 2019 and the truce in the trade war with China. However, starting in mid-March a rapid increase in COVID-19 cases changed everything. Voluntary or imposed lockdown measures caused a significant drop in economic activity. After a decrease of 5.0% in the first quarter at an annualized rate, the US real GDP fell 32.9% in the second quarter, the worst drop since 1950. Millions of jobs were quickly lost, and the unemployment rate jumped. The U.S. was thus officially declared in recession. However, job creation was already staging a comeback in May, and some indicators had begun to pick up. The U.S. economy is expected to rally as early as the third quarter of 2020 and grow strongly in 2021. This improvement is supported, among other things, by the federal government's assistance plan and the measures taken by the Fed. The recent rise in COVID-19 cases, however, risks hampering the resumption of activity.

Canada

The Canadian economy was hard hit by the adverse impacts of COVID-19. Lockdown measures introduced in all the provinces have severely disrupted production in Canada and resulted in historic fluctuations in the economy. This resulted in a 2.1% decline in real GDP for the first quarter as a whole (8.2% annualized). In the wake of a very negative month in April, the gradual easing of restrictions across the country allowed the Canadian economy to begin recovering as early as May. However, the recovery will be slow and gradual. Although real GDP by industry flipped positive in May and June, the very negative base effects stemming from the drop in real GDP in March and April will produce a very negative average for the second quarter. Our scenario therefore assumes a 12.0% (or 40.0% annualized) decline in real GDP for the second quarter as a whole. Needless to say, this will represent a historic drop in Canada’s real GDP. We will therefore need to wait until the third quarter before seeing evidence of economic recovery in the quarterly results. On average, real GDP is expected to decline by approximately 6% for 2020 as a whole. The recovery should continue next year, when real GDP could grow approximately 5.0%. This being said, uncertainties abound. The direction taken by the pandemic will clearly be a determining factor in the performance of the Canadian economy going forward, and a second wave of COVID-19 cannot be ruled out.

Québec

In Québec, much like elsewhere in the world, the economic indicators for March began to reflect the beginning of the lockdown measures. This led to a sharp drop in economic activity starting in the first quarter. Real GDP fell by 2.7% (or 10.3% on an annualized basis), the steepest quarterly decline since the indicators began being reported in 1981. Household consumption expenditure plunged 11.1%, non-residential business investment slipped 2.6%, and residential expenditures fell 4.9%. In addition, Québec exports fell by 11.8% (at an annualized rate) in the first quarter. These figures reflect the magnitude of the shock that began in March for households and businesses. Educational and cultural institutions as well as non-essential businesses remained closed in April, with the exception of residential construction. April GDP fell 14.8%, more than the 9.6% drop in March, and the second-quarter plunge will be even deeper, although May and June are expected to be positive due to the gradual re-opening of the economy. The unemployment rate continues to fall from April's peak of 17.0%, and household confidence has begun to rally. However, the damage caused by COVID-19 will leave deep scars, and it will take several quarters before economic activity can fully recover.

REVIEW OF FINANCIAL RESULTS

IMPACT OF SIGNIFICANT TRANSACTION

Changes related to merchant payment and financing activities in 2019

On December 31, 2019, the Federation completed the sale to Global Payments of the entire portfolio of merchants receiving services from the Federation under the Monetico brand, and finalized, as at January 1, 2020, a long-term partnership agreement with Global Payments, a company operating in the electronic payment sector. On October 31, 2019, the Federation also announced it would gradually phase out in-store Accord D financing as of May 1, 2020. These activities were presented in the Personal and Business Services segment.

ANALYSIS OF RESULTS

Financial results and indicators

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019[1]	**June 30, 2020**	June 30, 2019[1]
Results					
Net interest income	**$ 376**	$ 406	$ 372	**$ 782**	$ 737
Net premiums	**2,263**	2,551	2,270	**4,814**	4,615
Other operating income[2]					
Assessments	**96**	101	98	**197**	196
Service agreements	**202**	199	199	**401**	385
Lending fees and credit card service revenues	**135**	199	185	**334**	395
Brokerage and investment fund services	**235**	241	223	**476**	437
Management and custodial service fees	**154**	157	148	**311**	295
Foreign exchange income	**15**	44	19	**59**	33
Other	**83**	63	28	**146**	101
Operating income[2]	**3,559**	3,961	3,542	**7,520**	7,194
Investment income (loss)[2]					
Net investment income (loss)	**2,669**	(626)	991	**2,043**	2,415
Overlay approach adjustment for insurance operations financial assets	**(299)**	512	10	**213**	(157)
Investment income (loss)[2]	**2,370**	(114)	1,001	**2,256**	2,258
Total income	**5,929**	3,847	4,543	**9,776**	9,452
Provision for (recovery of) credit losses	**108**	199	(6)	**307**	78
Claims, benefits, annuities and changes in insurance contract liabilities	**3,616**	2,083	2,361	**5,699**	5,481
Non-interest expense	**1,782**	1,728	1,816	**3,510**	3,474
Income taxes on surplus earnings	**167**	(113)	56	**54**	47
Surplus earnings (deficit) before dividends to member caisses	**$ 256**	$ (50)	$ 316	**$ 206**	$ 372
Contribution to consolidated surplus earnings by business segment[3]					
Personal and Business Services	**$ 91**	$ (10)	$ 142	**$ 81**	$ 227
Wealth Management and Life and Health Insurance	**261**	(41)	179	**220**	312
Property and Casualty Insurance	**16**	73	123	**89**	42
Treasury and Other Support to Desjardins Group Entities	**(112)**	(72)	(128)	**(184)**	(209)
	$ 256	$ (50)	$ 316	**$ 206**	$ 372
Indicators					
Return on equity[2]	**6.6%**	(1.7)%	8.4%	**2.5%**	5.1%
Credit loss provisioning rate[2]	**0.70**	1.21	(0.04)	**0.97**	0.25

[1] The data have been reclassified to conform to the current period's presentation.
[2] See "Non-GAAP measures".
[3] The breakdown by line item is presented in Note 12, "Segmented information", to the Interim Consolidated Financial Statements.

COMPARISON OF THE SECOND QUARTERS OF 2020 AND 2019

Surplus earnings

For the second quarter ended June 30, 2020, the Federation posted surplus earnings before dividends to member caisses of $256 million, down $60 million or 19.0% compared to the corresponding quarter of 2019. The financial repercussions of the COVID-19 pandemic continued to affect results during the second quarter of 2020. A $114 million increase in the provision for credit losses was recognized, mainly as a result of the continuing deterioration in the economic situation and its potential effects on some of its members and clients. However, the travel insurance provisions taken in the first quarter were revised based on the actual and expected volume of claim applications. The lower surplus earnings were also due to a higher claims experience in property and casualty insurance as a result of a hailstorm-related catastrophe in Alberta during the second quarter of 2020 as well as less favourable developments in prior year claims.

It should also be mentioned that the lower auto insurance claims for the current year because of changes in driving habits made it possible to give members and clients a $155 million refund of auto insurance premiums as a relief measure to support them during the pandemic period.

Business segment contributions to surplus earnings

- Personal and Business Services: **Contribution of $91 million,** down $51 million, or 35.9% compared to the same period in 2019.
  - Increase in the provision for credit losses, mainly as a result of the deterioration in the economic outlook which continued during the second quarter, as well as the higher probability of default.
  - Offset by growth in the activities of the Capital Markets group at Desjardins Securities Inc.
- Wealth Management and Life and Health Insurance: **Contribution of $261 million,** an increase of $82 million, or 45.8%, compared to the corresponding quarter in 2019.
  - Revision of the travel insurance provisions taken in first quarter 2020 in relation to the COVID-19 pandemic based on the current and expected volume of claim applications.
  - The markets' positive impact on guaranteed investment funds.
- Property and Casualty Insurance: **Contribution of $16 million,** down $107 million compared to the second quarter of 2019.
  - Related to the COVID-19 pandemic:
    - Refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during this period.
    - Offset by lower auto insurance claims for the current year because of changes in driving habits.
  - Increase in the cost of claims due to:
    - Less favourable changes in prior year claims.
    - Hailstorm-related catastrophe in Alberta.

- **Return on equity was 6.6%,** down compared to 8.4% for the quarter ended June 30, 2019, mainly because of lower surplus earnings, as explained earlier.

Operating income

Operating income totalled $3,559 million, up $17 million, or 0.5%, compared to the second quarter of 2019.

Net interest income was up $4 million, or 1.1%, to total $376 million, compared to $372 million for the same period in 2019.

Net premiums were down $7 million, or 0.3%, compared to the second quarter of 2019, to total $2,263 million as at June 30, 2020.

Wealth Management and Life and Health Insurance segment

- **Net insurance and annuity premiums of $1,087 million,** up $2 million, or 0.2%, on account of higher group insurance premiums.

Property and Casualty Insurance segment

- **Net premiums of $1,215 million,** down $7 million, or 0.6%, due to the following:
  - Refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during this period.

  The decrease was partially offset by the following:
  - Business growth.
  - End of the cession of premiums for new business and renewals after the acquisition date under the reinsurance treaty signed as part of the acquisition of the Canadian operations of State Farm Mutual Automobile Insurance Company (State Farm).

Other operating income stood at $920 million, an increase of $20 million, or 2.2%, compared to the second quarter of 2019, mainly due to the following:

- Smaller increase than in second quarter 2019 in the contingent consideration payable as part of the acquisition of State Farm's Canadian operations and arising from the favourable developments in claims taken over.
- Growth in income from new capital market issues.

This increase was offset by the following:

- Decrease in income following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
- Decrease in business volumes from payment and financing activities as a result of the COVID-19 pandemic.

Investment income

Investment income totalled $2,370 million, an increase of $1,369 million compared to the second quarter of 2019, essentially due to the following:

- Increase primarily due to fluctuations in the fair value of assets backing liabilities related to life and health insurance operations.
  - Change mostly due to fluctuations in the fair value of the bond portfolio mainly related to interest rate variations combined with credit spreads, partly as a result of the COVID-19 pandemic.
  - Increase largely offset by the change in actuarial liabilities leading to higher expenses related to claims, benefits, annuities and changes in insurance contract liabilities.
- Higher trading income as a result of the increased rate of activity related to financial market volatility.
- Larger increase in the fair value of matched bonds in the Property and Casualty Insurance segment than in the comparative quarter of 2019, mainly on account of a larger decline in market interest rates in the second quarter of 2020 compared to the second quarter of 2019. It should be remembered that this increase in the value of bonds was partially offset by an increase in the cost of claims because of a matching strategy.
- Higher gains on the disposal of securities compared to 2019.

Total income

Total income amounted to $5,929 million, an increase of $1,386 million, or 30.5%, compared to the same period in 2019.

Provision for credit losses

The provision for credit losses totalled $108 million, an increase of $114 million compared to the same period in 2019, essentially due to the following:

- The deterioration in the economic outlook due to the COVID-19 pandemic continued during the second quarter with the higher unemployment rate and decline in GDP, as well as the higher probability of default, which led to an increase in the loss allowance for expected credit losses. For more information about the methodology and assumptions used to estimate the loss allowance for expected credit losses, please refer to Note 5, “Loans and allowance for credit losses”, to the Interim Consolidated Financial Statements.
- Unfavourable migration of certain borrowers’ risk ratings as a result of the COVID-19 pandemic.
- In the second quarter of 2019, a refinement of the evaluation methodology for risk parameters of non-credit impaired loans related to the lifespan of revolving exposures, such as credit cards, had a positive impact.

The Federation continued to present a quality loan portfolio in 2020.

- The credit loss provisioning rate was 0.70% for the second quarter of 2020, whereas the allowance for credit losses was in a recovery situation in the corresponding period of 2019. The significant adjustment of the provision related to the pandemic, as explained earlier, was a major factor in the increase in this indicator.
- The ratio of gross credit-impaired loans, as a percentage of the total gross loans and acceptances portfolio, was 0.83% compared to 0.61% as at June 30, 2019.

Claims, benefits, annuities and changes in insurance contract liabilities

Expenses related to claims, benefits, annuities and changes in insurance contract liabilities totalled $3,616 million, up $1,255 million, or 53.2%, compared to the corresponding quarter of 2019.

Wealth Management and Life and Health Insurance segment

- **Cost of claims of $2,590 million, up** $1,031 million, basically due to the following:
  - Increase of $1,184 million in actuarial liabilities under “Insurance contract liabilities”, which included the effect of the increase in the fair value of matched investments.
  - Offset by the reduction in benefits essentially as a result of the decrease in claim applications related to the COVID-19 pandemic.

Property and Casualty Insurance segment

- **Cost of claims of $1,026 million,** up $221 million, or 27.5%, due to the following items:
  - More unfavourable impact of the decrease in the discount rates used to measure the provision for claims compared to second quarter 2019, partially offset by an increase in matched bonds.
  - Business growth, which led to a higher cost of claims.
  - Increase due to the effect of the reinsurance treaty signed as part of the acquisition of State Farm’s Canadian operations.
  - Loss ratio of 74.7% for the quarter ended June 30, 2020, compared to 63.2% for the corresponding period in 2019.
    - Less favourable changes in prior year claims than in the comparative quarter of 2019, i.e. (1.5)% vs. (14.7)%.
    - Higher loss ratio related to catastrophes and major events than in the comparative quarter of 2019, namely 8.4% vs. 2.2%. The second quarter of 2020 was marked by one catastrophe, a hailstorm in Alberta, while in the corresponding quarter of 2019, four major events of smaller scope were noted.
    - Offset by lower current year loss ratio compared to second quarter 2019, namely 67.8% vs. 75.7%, due to lower auto insurance claims on account of changes in driving habits related to the COVID-19 pandemic.

Non-interest expense

- **Non-interest expense totalled $1,782 million,** down $34 million, or 1.9%, compared to the second quarter of 2019, essentially because of:
  - Lower expenses following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
  - Reduction in expenses related to the rewards program in the context of the COVID-19 pandemic.
  - In the second quarter of 2019, $70 million in expenses were recognized related to costs incurred and the establishment of a provision for the implementation of Desjardins Identity Protection.

  This decrease was partially offset by the following:
  - Higher salaries as a result of indexing and growth in operations.
  - Remuneration and other payments were up because of growth in caisse network sales of various Desjardins products.
  - Increase in the provision related to the deferred compensation program for Desjardins Agents because of lower interest rates and the effect of the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations for the P&C Insurance segment.

Income taxes

- **Income taxes on surplus earnings before dividends to member caisses of $167 million,** up $111 million compared to the second quarter of 2019.
  - Effective tax rate of 39.5% for the quarter ended June 30, 2020, up compared to 15.1% for the corresponding period in 2019. This increase was mainly due to the transfer to the caisses of the tax deduction for the non-taxable portion of the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand and the lower tax recovery related to the remuneration of F capital shares and G capital shares.

COMPARISON OF THE FIRST SIX MONTHS OF 2020 AND 2019

Surplus earnings

For the first six months ended June 30, 2020, the Federation posted surplus earnings before dividends to member caisses of $206 million, down $166 million, or 44.6%, compared to the same period in 2019. The negative financial impact of the COVID-19 pandemic affected surplus earnings for the first six months of 2020. This impact included a $229 million increase in the provision for credit losses, mainly because of the significant deterioration in the economic outlook, the rise in travel insurance provisions after the Canadian government's announcement of travel restrictions and the increase in credit balance insurance provisions. The solid performance of the Property and Casualty Insurance segment, which reported higher premium income, mitigated the decrease in surplus earnings.

Business segment contributions to surplus earnings

- Personal and Business Services: **Contribution of $81 million,** down $146 million, compared to the same period in 2019.
  - Increase in the provision for credit losses, mainly as a result of the significant deterioration in the economic outlook, as well as the higher probability of default due to the COVID-19 pandemic.

  This decrease was partially offset by the following:
  - Higher trading income as a result of the increased rate of activity related to financial market volatility.
  - Growth in income from new capital market issues.
- Wealth Management and Life and Health Insurance: **Contribution of $220 million,** down $92 million, or 29.5%, mainly because of the following, partially due to the COVID-19 pandemic:
  - After the Canadian government's announcement of travel restrictions, increase in the current and expected volume of claim applications, leading to a rise in travel insurance provisions, despite the fact that these provisions were revised in the second quarter of 2020.
  - The markets' negative impact on guaranteed investment funds.
  - Offset by higher gains on the disposal of securities and real estate investments compared to 2019.
- Property and Casualty Insurance: **Contribution of $89 million,** up $47 million compared to the first six months of 2019.
  - Related to the COVID-19 pandemic:
    - Refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during this period.
    - Offset by lower auto insurance claims for the current year because of changes in driving habits.
  - Higher net premiums due to business growth.

- **Return on equity was 2.5%,** compared to 5.1% for the six-month period ended June 30, 2019, mainly because of lower surplus earnings, as explained earlier.

Operating income

Operating income totalled $7,520 million, up $326 million, or 4.5%, compared to the first six months of 2019.

Net interest income was up $45 million, or 6.1%, to total $782 million, compared to $737 million for the same period in 2019 because of growth in average loans outstanding to medium-sized businesses and large corporations. This increase was partially reduced by a decrease in average consumer and credit card loans outstanding related to the prevention and relief measures as well as the lower interest rates on certain credit cards introduced to support members and clients during the COVID-19 pandemic.

Net premiums were up $199 million, or 4.3%, compared to the first six months of 2019, to total $4,814 million as at June 30, 2020.

Wealth Management and Life and Health Insurance segment

- **Net insurance and annuity premiums of $2,304 million,** up $22 million, or 1.0%, mainly because of the following:
  - An increase of $11 million in annuity premiums and $7 million in individual insurance premiums.

Property and Casualty Insurance segment

- **Net premiums of $2,592 million,** up $186 million, or 7.7%, due to the following:
  - Growth in the average premium as a result of rate increases during the previous 12 months, reflecting the trend in the Canadian P&C insurance market.
  - End of the cession of premiums for new business and renewals after the acquisition date under the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.
  - Offset by the refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during the COVID-19 pandemic.

Other operating income stood at $1,924 million, which is an increase of $82 million, or 4.5%, compared to the first six months of 2019, mainly due to the following:

- Smaller increase than in the first six months of 2019 in the contingent consideration payable as part of the acquisition of State Farm's Canadian operations and arising from the favourable developments in claims taken over.
- Growth in income from assets under management.
- Growth in income from new capital market issues.
- Growth in income from securities brokerage activities.

This increase was partially offset by the following:

- Decrease in income following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
- Decrease in business volumes from payment and financing activities following the COVID-19 pandemic.

Investment income

Investment income totalled $2,256 million, down $2 million, or 0.1%, compared to the first six months of 2019, essentially because of the following:

- Decrease primarily due to fluctuations in the fair value of assets backing liabilities related to life and health insurance operations.
  - Change mostly due to fluctuations in the fair value of the bond portfolio mainly related to interest rate variations combined with credit spreads, partly as a result of the COVID-19 pandemic.
  - Decrease largely offset by the change in actuarial liabilities leading to lower expenses related to claims, benefits, annuities and changes in insurance contract liabilities.
- Decrease in the fair value of derivative financial instruments due in particular to volatility on financial markets and in credit spreads in the first six months of 2020 and related to the COVID-19 pandemic.

This decrease was partially offset by the following:

- Higher gains on the disposal of securities and real estate investments compared to 2019.
- Larger increase in the fair value of matched bonds in the Property and Casualty Insurance segment than in the comparative period of 2019, mainly on account of a larger decline in market interest rates in the first six months of 2020 compared to the corresponding period of 2019. It should be remembered that this increase in the value of bonds was partially offset by an increase in the cost of claims because of a matching strategy.
- Higher trading income as a result of the increased rate of activity related to financial market volatility.

Total income

Total income amounted to $9,776 million, an increase of $324 million, or 3.4%, compared to the same period in 2019.

Provision for credit losses

The provision for credit losses totalled $307 million, an increase of $229 million compared to the first six months of 2019, essentially due to the following:

- The significant deterioration in the economic outlook due to the COVID-19 pandemic with the higher unemployment rate and decline in GDP, as well as the higher probability of default, which led to an increase in the loss allowance for expected credit losses. For more information about the methodology and assumptions used to estimate the loss allowance for expected credit losses, please refer to Note 5, "Loans and allowance for credit losses", to the Interim Consolidated Financial Statements.
- Unfavourable migration of certain borrowers' risk ratings as a result of the COVID-19 pandemic.
- In the second quarter of 2019, a refinement of the evaluation methodology for risk parameters of non-credit impaired loans related to the lifespan of revolving exposures, such as credit cards, had a positive impact.

The Federation has continued to present a quality loan portfolio in 2020.

- The credit loss provisioning rate was 0.97% for the first six months of 2020, compared to 0.25% for the corresponding period of 2019. The significant adjustment of the provision related to the pandemic, as explained earlier, was a major factor in the increase in this indicator.
- The ratio of gross credit-impaired loans, as a percentage of the total gross loans and acceptances portfolio, was 0.83% compared to 0.61% as at June 30, 2019.

Claims, benefits, annuities and changes in insurance contract liabilities

Expenses related to claims, benefits, annuities and changes in insurance contract liabilities totalled $5,699 million, up $218 million, or 4.0%, compared to the corresponding period of 2019.

Wealth Management and Life and Health Insurance segment

- **Cost of claims of $3,631 million,** up $53 million, basically due to the following:
  - Increase in benefits essentially as a result of the increase in claim applications related to the COVID-19 pandemic, despite the fact that current and expected volume of claim applications were revised downward during the second quarter of 2020.
  - Offset by the decrease of $14 million in actuarial liabilities under "Insurance contract liabilities", which included the effect of the decrease in the fair value of matched investments.

Property and Casualty Insurance segment

- **Cost of claims of $2,068 million,** up $162 million, or 8.5%, as a result of the following:
  - Growth in business, which led to a higher cost of claims.
  - More unfavourable impact of the decrease in the discount rates used to measure the provision for claims than in the comparative period of 2019. It should be mentioned that this increase in the cost of claims is partially offset by an increase in matched bonds.
  - Increase due to the effect of the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.
  - Loss ratio of 70.5% for the six months ended June 30, 2020, compared to 74.6% for the corresponding period in 2019:
    - Lower current year loss ratio compared to the corresponding period in 2019, namely 72.2% vs. 82.6%, due to lower auto insurance claims on account of changes in driving habits related to the COVID-19 pandemic.

    This decrease in the ratio was partially offset by the following:
    - Less favourable changes in prior year claims than in the first six months of 2019, i.e. (5.6)% vs. (10.3)%.
    - Higher loss ratio related to catastrophes and major events than in the comparative period of 2019, namely 3.9% vs. 2.3%. The first six months of 2020 were marked by one catastrophe, while in the corresponding period of 2019, eight major events of smaller scope were noted.

Non-interest expense

- Non-interest expense totalled $3,510 million, up $36 million, or 1.0%, compared to the first six months of 2019, mainly because of:
  - Increase in salaries as a result of growth in operations and indexing.
  - Business growth resulting in an increase in expenses and the effect of the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations for the P&C Insurance segment.
  - Remuneration and other payments were up because of growth in caisse network sales of various Desjardins products.
  - Reduction in investment portfolio provisions in the first quarter of 2019.

  This increase was partially offset by the following:
  - Lower expenses following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
  - Reduction in expenses related to the rewards program in the context of the COVID-19 pandemic.
  - In the second quarter of 2019, $70 million in expenses were recognized related to costs incurred and the establishment of a provision for the implementation of Desjardins Identity Protection.

Income taxes

- **Income taxes on surplus earnings before member dividends of $54 million,** up $7 million compared to the corresponding period in 2019.
  - Effective tax rate of 20.8% for the first six months of 2020, compared to 11.2% for the corresponding period in 2019. This increase was mainly due to the transfer to the caisses of the tax deduction for the non-taxable portion of the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand, partially offset by the higher tax recovery related to the remuneration of F capital shares and G capital shares.

RESULTS BY BUSINESS SEGMENT

The Federation's financial reporting is organized by business segments, which are defined based on the needs of Desjardins Group's members and clients, the markets in which the Federation operates, and on its internal management structure. The Federation's financial results are divided into the following three business segments: Personal and Business Services, Wealth Management and Life and Health Insurance, and Property and Casualty Insurance. In addition to these three segments, there is also the Treasury and Other Support to Desjardins Group Entities category. This section presents an analysis of results for each of these segments. During the first quarter of 2020, certain changes were made to the business segments to reflect management's decisions concerning the way each segment is managed, as mentioned in the section on each one.

Intersegment transactions are recognized at the exchange amount, which represents the amount agreed upon by the various legal entities and business units. The terms and conditions of these transactions are comparable to those offered on financial markets.

Additional information about each business segment, particularly its profile, activities, industry and 2020 strategies and priorities, can be found on pages 24 to 36 of the 2019 annual MD&A.

Personal and Business Services

The Personal and Business Services segment is central to Desjardins Group's operations. It is responsible for finetuning a comprehensive, integrated line of products and services designed to meet the needs of individuals, businesses, institutions, non-profit organizations and cooperatives offered through the Desjardins caisse network, its Desjardins Business centres and the Signature Service centres, as well as specialized teams. This is what makes Desjardins Group a leader in financial services in Québec and a player on the financial services scene in Ontario as well.

Desjardins's offer includes everyday financial management, savings transactions, payment services, financing, specialized services, access to capital markets, development capital, business ownership transfers and advisory services, and through its distribution network, life and health insurance and property and casualty insurance products.

In addition, caisse members and clients know that they can rely on the largest advisory force in Québec, made up of dedicated professionals who are there for them at every stage in their life or entrepreneurial growth.

To meet the constantly changing needs of caisse members and clients, the Federation supports the caisse network and its service centres in distributing products and services by optimizing the performance and profitability of physical and virtual networks by way of implementing and managing complementary access methods, by phone, online, via applications for mobile devices, and at ATMs.

The operations of Desjardins Securities Inc. and Desjardins Investment Management Inc., such as securities brokerage and private management activities, formerly reported in the Wealth Management and Life and Health Insurance segment, have been fully included in the Personal and Business Services segment since the first quarter of 2020, while the operations of Desjardins Trust Inc., such as custodial and trust services, formerly reported in the Personal and Business Services segment, have been fully included in the in the Wealth Management and Life and Health Insurance segment since the first quarter of 2020. Data for 2019 have been reclassified to conform to these changes.

On December 31, 2019, the Federation completed the sale to Global Payments of the entire portfolio of merchants receiving services from the Federation under the Monetico brand and finalized, as at January 1, 2020, a long-term partnership agreement with Global Payments, a company operating in the electronic payment sector. On October 31, 2019, the Federation also announced it would gradually phase out in-store Accord D financing as of May 1, 2020.

Personal and Business Services – Segment results

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019[1]	**June 30, 2020**	June 30, 2019[1]
Net interest income	**$ 277**	$ 319	$ 285	**$ 596**	$ 578
Other operating income[2]	**483**	574	524	**1,057**	1,061
Operating income[2]	**760**	893	809	**1,653**	1,639
Investment income (loss)[2]	**60**	(26)	1	**34**	20
Total income	**820**	867	810	**1,687**	1,659
Provision for (recovery of) credit losses	**97**	193	(6)	**290**	77
Non-interest expense	**606**	686	624	**1,292**	1,274
Income taxes on surplus earnings	**26**	(2)	50	**24**	81
Net surplus earnings (deficit) for the period	**$ 91**	$ (10)	$ 142	**$ 81**	$ 227
Indicators					
Average gross loans and acceptances[2]	**$ 34,726**	$ 34,897	$ 32,062	**$ 34,522**	$ 31,979
Average deposits[2]	**33,890**	22,733	18,755	**28,254**	18,401
Credit loss provisioning rate[2]	**1.12%**	2.22%	(0.08)%	**1.69%**	0.49%
Gross credit-impaired loans/gross loans and acceptances[2]	**1.42**	1.07	1.15	**1.42**	1.15

(1) The data have been reclassified to conform to the current period's presentation.
(2) See "Non-GAAP measures".

COMPARISON OF THE SECOND QUARTERS OF 2020 AND 2019 – PERSONAL AND BUSINESS SERVICES

- **Net surplus earnings of $91 million**, down $51 million, or 35.9%. This decrease was essentially due to the following:
  - Increase in the provision for credit losses, mainly as a result of the continuing deterioration in the economic outlook during the second quarter and the higher probability of default.
  - Offset by growth in the activities of the Capital Markets group at Desjardins Securities Inc.

- **Operating income of $760 million,** down $49 million, or 6.1%.
  - Decrease of $8 million in net interest income mainly as a result of a decline in the average consumer and credit card loans outstanding related to prevention and relief measures as well as the lower interest rates on certain credit cards introduced to support members and clients during the COVID-19 pandemic. This decrease was partially offset by growth in the average loans outstanding to medium-sized companies and large corporations.
  - Other operating income of $483 million, down $41 million, or 7.8%, mainly due to the following:
    - Decrease in income following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
    - Decrease in business volumes from payment and financing activities following the COVID-19 pandemic.
    - Offset by growth in income from new capital market issues.

- **Investment income of $60 million,** up $59 million essentially because of:
  - Higher trading income as a result of the increased rate of activity related to financial market volatility.
  - Favourable fluctuation in the fair value of derivative financial instruments due in particular to the volatility of financial markets and credit spreads.

- **Total income of $820 million,** up $10 million, or 1.2%.

- **Provision for credit losses of $97 million,** compared to a $6 million recovery on the provision for credit losses for the corresponding period in 2019. This increase of $103 million was essentially due to:
  - The deterioration in the economic outlook as a result of the COVID-19 pandemic that continued during the second quarter, with the higher unemployment rate and decline in GDP, as well as the higher probability of default, which led to a higher loss allowance for expected credit losses. For more information about the methodology and assumptions used to estimate the loss allowance for expected credit losses, please refer to Note 5, "Loans and allowance for credit losses", to the Interim Consolidated Financial Statements.
  - Unfavourable migration of certain borrowers' risk ratings as a result of the COVID-19 pandemic.
  - In the second quarter of 2019, a refinement of the evaluation methodology for risk parameters of non-credit impaired loans related to the lifespan of revolving exposures, such as credit cards, had a positive impact.

- **Non-interest expense of $606 million,** down $18 million, or 2.9%, essentially due to:
  - Lower expenses following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
  - Decrease in expenses related to the rewards program during the COVID-19 pandemic.
  - Offset by business growth, especially in activities aimed at enhancing the service offer to caisse members and clients, including activities related to *AccèsD* services, the online business centre and the shared services centre.

COMPARISON OF THE FIRST SIX MONTHS OF 2020 AND 2019 – PERSONAL AND BUSINESS SERVICES

- **Net surplus dividends of $81 million,** down $146 million, or 64.3%. This decrease was essentially due to:
  - Increase in the provision for credit losses arising mainly from the significant deterioration in the economic outlook and the higher probability of default as a result of the COVID-19 pandemic.

  This decrease was partially offset by:
  - Higher trading income as a result of the increased rate of activity related to financial market volatility.
  - Growth in income from new capital market issues.

- **Operating income of $1,653 million,** up $14 million, or 0.9%.
  - Increase of $18 million in net interest income mainly as a result of growth in the average loans outstanding to medium-sized businesses and large corporations. This increase was partly reduced by a drop in the average consumer and credit card loans outstanding related to the prevention and relief measures and the lower interest rates on certain credit cards introduced to support members and clients during the COVID-19 pandemic.
  - Other operating income of $1,057 million, down $4 million, or 0.4%, mainly due to the following:
    - Decrease in income following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
    - Decrease in business volumes from payment and financing activities following the COVID-19 pandemic.

    This decrease was partly offset by:
    - Growth in income from new capital market issues.
    - Higher income from securities brokerage activities.

- **Investment income of $34 million,** up $14 million essentially due to:
  - Higher trading income as a result of the increased rate of activity related to financial market volatility.
  - Offset by a drop in the fair value of derivative financial instruments due in particular to the volatility of financial markets and credit spreads related to the COVID-19 pandemic.

- **Total income of $1,687 million,** up $28 million, or 1.7%.

- **Provision for credit losses of $290 million,** up $213 million compared to the same period in 2019, essentially due to:
  - The significant deterioration in the economic outlook as a result of the COVID-19 pandemic, with the higher unemployment rate and decline in GDP, as well as the higher probability of default, which led to a higher loss allowance for expected credit losses. For more information about the methodology and assumptions used to estimate the loss allowance for expected credit losses, please refer to Note 5, "Loans and allowance for credit losses", to the Interim Consolidated Financial Statements.
  - Unfavourable migration of certain borrowers' risk ratings as a result of the COVID-19 pandemic.
  - In the second quarter of 2019, a refinement of the evaluation methodology for risk parameters of non-credit impaired loans related to the lifespan of revolving exposures, such as credit cards, had a positive impact.

- **Non-interest expense of $1,292 million**, up $18 million, or 1.4%, essentially due to:
  - Business growth, especially in activities aimed at enhancing the service offer to caisse members and clients, including activities related to *AccèsD* services, the online business centre and the shared services centre.

  This increase was partially offset by:
  - Lower expenses following the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
  - Decrease in rewards program expenses during the COVID-19 pandemic.

Wealth Management and Life and Health Insurance

The Wealth Management and Life and Health Insurance segment combines different categories of service offers aimed at growing the assets of Desjardins Group members and clients and helping them protect their financial security. These offers are intended for individuals and businesses, while its group insurance and savings plans meet the needs of employees through their company, or individuals who are part of any other group.

The segment designs several lines of individual insurance (life and health) coverage as well as savings and investment products. In addition to its own products and services, it distributes external savings and investment products as well as securities and private wealth management services. The segment also includes asset management for institutional clients.

The greatest strengths of the Wealth Management and Life and Health Insurance segment include its vast and diversified Canada-wide distribution networks, which are mainly comprised of:

- Employees of the caisse network and Desjardins Business centres.
- Financial security advisers dedicated to caisse members.
- Investment advisers and private managers.
- Exclusive agents and independent partners.
- Actuarial consulting firms and group plan representatives.

To meet members' and clients' needs and preferences, certain product lines are also distributed directly via customer care centres, online or through applications for mobile devices. Online services are constantly being finetuned so that they properly meet clients' changing requirements.

The operations of Desjardins Securities Inc. and Desjardins Investment Management Inc., such as securities brokerage and private management activities, formerly reported in the Wealth Management and Life and Health Insurance segment, have been fully included in the Personal and Business Services segment since the first quarter of 2020, while the operations of Desjardins Trust Inc., such as custodial and trust services, formerly reported in the Personal and Business Services segment, have been fully included in the Wealth Management and Life and Health Insurance segment since the first quarter of 2020. Data for 2019 have been reclassified to conform to these changes.

Wealth Management and Life and Health Insurance – Segment results

(in millions of dollars)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019[(1)]	**June 30, 2020**	June 30, 2019[(1)]
Net interest income	**$ 3**	$ 3	$ 3	**$ 6**	$ 6
Net premiums	**1,087**	1,217	1,085	**2,304**	2,282
Other operating income[(2)]	**317**	321	317	**638**	623
Operating income[(2)]	**1,407**	1,541	1,405	**2,948**	2,911
Investment income (loss)[(2)]	**2,041**	(43)	891	**1,998**	2,061
Total income	**3,448**	1,498	2,296	**4,946**	4,972
Provision for credit losses	**1**	2	-	**3**	-
Claims, benefits, annuities and changes in insurance contract liabilities	**2,590**	1,041	1,559	**3,631**	3,578
Non-interest expense	**519**	524	517	**1,043**	1,009
Income taxes on surplus earnings	**77**	(28)	41	**49**	73
Net surplus earnings (deficit) for the period	**$ 261**	$ (41)	$ 179	**$ 220**	$ 312
Indicators					
Net sales of savings products	**$ 679**	$ 1,899	$ 2,395	**$ 2,578**	$ 3,608
Insurance sales	**81**	122	90	**203**	292
Group insurance premiums	**799**	832	797	**1,631**	1,627
Individual insurance premiums	**220**	222	220	**442**	435
Annuity premiums	**68**	163	68	**231**	220
Segregated fund receipts	**448**	765	1,872	**1,213**	2,408

(1) The data have been reclassified to conform to the current period's presentation.
(2) See "Non-GAAP measures".

COMPARISON OF THE SECOND QUARTERS OF 2020 AND 2019 – WEALTH MANAGEMENT AND LIFE AND HEALTH INSURANCE

- **Net surplus earnings of $261 million,** up $82 million, or 45.8% compared to the second quarter of 2019, mainly due to the following:
  - Revision of the travel insurance provisions taken in first quarter 2020 in relation to the COVID-19 pandemic based on the current and expected volume of claim applications.
  - Markets' positive impact on guaranteed investment funds.
- **Operating income of $1,407 million,** up $2 million, or 0.1%.
- **Net premiums of $1,087 million,** up $2 million, or 0.2%, on account of higher group insurance premiums.
- **Other operating income of $317 million,** stable in relation to the comparative quarter.
- **Investment income of $2,041 million,** up $1,150 million, mainly as a result of the following:
  - Increase primarily due to change in the fair value of assets backing liabilities related to life and health insurance operations.
    - Change mostly due to fluctuations in the fair value of the bond portfolio mainly related to interest rate variations combined with credit spreads, partly as a result of the COVID-19 pandemic.
    - Increase largely offset by the change in actuarial liabilities leading to higher expenses related to claims, benefits, annuities and changes in insurance contract liabilities.
  - Higher gains on the disposal of securities compared to 2019.
- **Total income of $3,448 million,** up $1,152 million, or 50.2%.
- **Expenses related to claims, benefits, annuities and changes in insurance contract liabilities of $2,590 million,** up $1,031 million, essentially due to the following:
  - Increase of $1,184 million in actuarial liabilities under "Insurance contract liabilities", which included the effect of the increase in the fair value of matched investments.
  - Offset by lower benefits essentially related to the decrease in claim applications related to the COVID-19 pandemic.
- **Non-interest expense of $519 million,** an amount comparable to that of the corresponding quarter.

COMPARISON OF THE FIRST SIX MONTHS OF 2020 AND 2019 – WEALTH MANAGEMENT AND LIFE AND HEALTH INSURANCE

- **Net surplus earnings of $220 million,** down $92 million, or 29.5%, mainly due to the following items partly connected to the COVID-19 pandemic:
  - After the Canadian government's announcement of travel restrictions, increase in the current and expected volume of claim applications, leading to a rise in travel insurance provisions, despite the fact that these provisions were revised in the second quarter of 2020.
  - Markets' negative impact on guaranteed investment funds.
  - Offset by higher gains on the disposal of securities and real estate investments than in 2019.

- **Operating income of $2,948 million,** up $37 million, or 1.3%.

- **Net premiums of $2,304 million,** up $22 million, or 1.0%, mainly due to:
  - Increase of $11 million from annuities and $7 million from individual insurance.

- **Other operating income of $638 million,** up $15 million, or 2.4%, mainly on account of higher income from assets under management.

- **Investment income of $1,998 million**, down $63 million, or 3.1%, mainly due to:
  - Decrease primarily due to the change in the fair value of assets backing liabilities related to life and health insurance operations.
    - Change mostly due to fluctuations in the fair value of the bond portfolio mainly related to interest rate variations combined with credit spreads, partly as a result of the COVID-19 pandemic.
    - Decrease partly offset by the change in actuarial liabilities leading to lower expenses related to claims, benefits, annuities and changes in insurance contract liabilities.
  - Mitigated by higher gains on the disposal of securities and real estate investments compared to 2019.

- **Total income of $4,946 million,** down $26 million, or 0.5%.

- **Expenses related to claims, benefits, annuities and changes in insurance contract liabilities of $3,631 million,** up $53 million, essentially due to:
  - Increase in benefits essentially as a result of the larger number of claim applications related to the COVID-19 pandemic despite the downward revision of the current and expected volume of claim applications in second quarter 2020.
  - Offset by a decrease of $14 million in actuarial liabilities under "Insurance contract liabilities", which included the effect of the decrease in the fair value of matched investments.

- **Non-interest expense of $1,043 million,** up $34 million, or 3.4%, mainly due to:
  - Decrease in investment portfolio provisions during first quarter 2019.
  - Higher expenses for assets under management.

Property and Casualty Insurance

The Property and Casualty Insurance segment offers insurance products providing coverage for Desjardins Group members and clients against disasters. It includes the operations of Desjardins General Insurance Group Inc. and its subsidiaries. Desjardins General Insurance Group Inc. offers a personal line of automobile and property insurance products across Canada and also provides businesses with insurance products. Its products are distributed through property and casualty insurance agents in the Desjardins caisse network in Québec, a number of client care centres (call centres) and Desjardins Business centres, through an exclusive agent network of close to 500 agencies in Ontario, Alberta and New Brunswick distributing P&C insurance and several other financial products online and via applications for mobile devices.

Desjardins General Insurance Group Inc., which has more than 3,000,000 clients, markets its products to the Canada-wide individual and business market under the Desjardins Insurance banner, and to the group market—including members of professional associations and unions, and employers' staff—under The Personal banner. Desjardins Group has completed the integration of State Farm's Canadian operations and now offers its products under the Desjardins Insurance banner through the exclusive agent network.

Property and Casualty Insurance – Segment results

(in millions of dollars and as a percentage)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Net premiums	**$ 1,215**	$ 1,377	$ 1,222	**$ 2,592**	$ 2,406
Other operating income (loss)[1]	**(7)**	(29)	(54)	**(36)**	(66)
Operating income[1]	**1,208**	1,348	1,168	**2,556**	2,340
Investment income[1]	**164**	114	91	**278**	226
Total income	**1,372**	1,462	1,259	**2,834**	2,566
Claims, benefits, annuities and changes in insurance contract liabilities	**1,026**	1,042	805	**2,068**	1,906
Non-interest expense	**323**	330	303	**653**	610
Income taxes on surplus earnings	**7**	17	28	**24**	8
Net surplus earnings for the period	**$ 16**	$ 73	$ 123	**$ 89**	$ 42
Of which:					
Group's share	**$ 9**	$ 60	$ 105	**$ 69**	$ 27
Non-controlling interests' share	**7**	13	18	**20**	15
Indicators					
Gross written premiums	**$ 1,439**	$ 1,244	$ 1,539	**$ 2,683**	$ 2,712
Loss ratio[1]	**74.7%**	66.8%	63.2%	**70.5%**	74.6%
Current year loss ratio[1]	**67.8**	76.2	75.7	**72.2**	82.6
Loss ratio related to catastrophes and major events[1]	**8.4**	-	2.2	**3.9**	2.3
Ratio of favourable changes in prior year claims[1]	**(1.5)**	(9.4)	(14.7)	**(5.6)**	(10.3)
Expense ratio[1]	**25.9**	23.7	25.3	**24.8**	25.6
Combined ratio[1]	**100.6**	90.5	88.5	**95.3**	100.2

[1] See "Non-GAAP measures".

COMPARISON OF THE SECOND QUARTERS OF 2020 AND 2019 – PROPERTY AND CASUALTY INSURANCE

- **Net surplus earnings of $16 million,** down $107 million compared to second quarter 2019, due to:
  - Related to the COVID-19 pandemic:
    - Refunds of $155 million on auto insurance premiums granted to members and clients as a relief measure to support them during this period.
    - Offset by lower auto insurance claims for the current year because of changes in driving habits.
  - Increase in the cost of claims due to:
    - Less favourable changes in prior year claims.
    - Hailstorm-related catastrophe in Alberta.

- **Operating income of $1,208 million,** up $40 million, or 3.4%.

- **Net premiums of $1,215 million,** down $7 million, or 0.6%, due to:
  - Refunds of $155 million on auto insurance premiums granted to members and clients due to COVID-19, as previously mentioned.

  This decrease was partly offset by:
  - Business growth.
  - End of the cession of premiums for new business and renewals after the acquisition date under the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.

- **Loss totalling $7 million, presented under "Other operating income (loss)",** down $47 million, essentially as a result of the smaller increase than in second quarter 2019 in the contingent consideration payable as part of the acquisition of State Farm's Canadian operations and arising from the favourable developments in claims taken over.

- **Investment income of $164 million,** up $73 million, as a result of:
  - Larger increase in the fair value of matched bonds than in the comparative quarter in 2019, mainly on account of lower market interest rates in second quarter 2020 than in the corresponding period in 2019. It should be remembered that this increase in the value of bonds was partly offset by an increase in the cost of claims because of a matching strategy.
  - Net gains on disposal of fixed income securities higher than in the comparative quarter in 2019.

- **Total income of $1,372 million,** up $113 million, or 9.0%.

- **Cost of claims totalling $1,026 million,** up $221 million, or 27.5%, as a result of:
  - More unfavourable impact of the decrease in the discount rates used to measure the provision for claims compared to the corresponding period in 2019, partly offset by an increase in matched bonds.
  - Business growth, which led to a higher cost of claims.
  - Increase due to the effect of the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.
  - Loss ratio of 74.7% for the quarter ended June 30, 2020, compared to 63.2% for the corresponding period in 2019.
    - Less favourable changes in prior year claims than in the corresponding quarter of 2019, i.e. (1.5)% vs. (14.7)%.
    - Higher loss ratio related to catastrophes and major events than in the comparative quarter of 2019, namely 8.4% vs. 2.2%. The second quarter of 2020 was marked by one catastrophe, a hailstorm in Alberta, while in the corresponding quarter of 2019, there were four major events of smaller scope.
    - Offset by lower current year loss ratio compared to the corresponding quarter in 2019, namely 67.8% vs. 75.7%, due to lower auto insurance claims related to the COVID-19 pandemic, as previously mentioned.

- **Non-interest expense of $323 million,** up $20 million, or 6.6%, because of:
  - Increase in the provision related to the deferred compensation program for Desjardins Agents because of lower interest rates.
  - Effect of the reinsurance treaty, as previously mentioned, on the expenses covered by the treaty.

COMPARISON OF THE FIRST SIX MONTHS OF 2020 AND 2019 – PROPERTY AND CASUALTY INSURANCE

- **Net surplus earnings of $89 million,** up $47 million compared to the first six months of 2019, due to:
  - Related to the COVID-19 pandemic:
    - Refunds of $155 million on auto insurance premiums granted to members and clients, as previously mentioned.
    - Offset by lower auto insurance claims for the current year because of changes in driving habits.
  - Increase in net premiums on account of business growth.

- **Operating income of $2,556 million,** up $216 million, or 9.2%.

- **Net premiums of $2,592 million,** up $186 million, or 7.7%, due to:
  - Growth in the average premium as a result of rate increases during the previous 12 months, reflecting the trend in the Canadian P&C insurance market.
  - End of the cession of premiums for new business and renewals after the acquisition date under the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.
  - Offset by refunds of $155 million on auto insurance premiums granted to members and clients, as previously mentioned.

- **Loss totalling $36 million, presented under "Other operating income (loss)",** down $30 million, as a result of the smaller increase than in the first half of 2019 in the contingent consideration payable as part of the acquisition of State Farm's Canadian operations and arising from the favourable developments in claims taken over.

- **Investment income of $278 million,** up $52 million, or 23.0%, essentially as a result of:
  - Larger increase in the fair value of matched bonds than in the comparative six months in 2019, mainly on account of lower market interest rates in the first half of 2020 than in the corresponding period in 2019. It should be remembered that this increase in the value of bonds was offset by an increase in the cost of claims because of a matching strategy.

  This increase was partly offset by:
  - Net losses on disposal of investments in the first six months of 2020, while net gains had been recorded in the first half of 2019.
  - Unfavourable results of derivative financial instruments while favourable results had been noted in the comparative six months in 2019

- **Total income of $2,834 million,** up $268 million, or 10.4%.

- **Cost of claims totalling $2,068 million,** up $162 million, or 8.5%, as a result of:
  - Business growth, which led to a higher cost of claims.
  - More unfavourable impact of the decrease in the discount rates used to measure the provision for claims compared to the corresponding period in 2019. It should be remembered that this increase in the cost of claims was partly offset by an increase in matched bonds.
  - Increase due to the effect of the reinsurance treaty signed as part of the acquisition of State Farm's Canadian operations.
  - Loss ratio of 70.5% for the six months ended June 30, 2020, compared to 74.6% for the corresponding period in 2019.
    - Lower current year loss ratio compared to the corresponding quarter in 2019, namely 72.2% vs. 82.6%, due to lower auto insurance claims related to the COVID-19 pandemic, as previously mentioned.

    This lower ratio was partly offset by:
    - Less favourable changes in prior year claims than in the first six months of 2019, i.e. (5.6)% vs. (10.3)%.
    - Higher loss ratio related to catastrophes and major events than in the comparative period of 2019, namely 3.9% vs. 2.3%. The first six months of 2020 were marked by one catastrophe, while in the corresponding period of 2019, the impact of eight major events was of smaller scope.

- **Non-interest expense of $653 million,** up $43 million, or 7.0%, due to:
  - Effect of the reinsurance treaty, as previously mentioned, on the expenses covered by the treaty.
  - Business growth, which led to an increase in expenses.

Treasury and Other Support to Desjardins Group Entities category

The Treasury and Other Support to Desjardins Group Entities category includes financial information that is not specific to a business segment. It mainly includes treasury activities and financial intermediation between the caisses' liquidity surpluses or needs, as well as orientation and organizational activities for Desjardins Group, including finances, administration, risk management, human resources, and communications and marketing. This category also includes the operations of Desjardins Capital Inc. and Desjardins Technology Group Inc., which encompasses all of Desjardins Group's IT operations. In addition to various adjustments required to prepare the Interim Consolidated Financial Statements, intersegment balance eliminations are classified in this category.

Treasury and Other Support to Desjardins Group Entities

(in millions of dollars)	For the three-month periods ended			For the six-month periods ended	
	June 30, 2020	March 31, 2020	June 30, 2019[1]	**June 30, 2020**	June 30, 2019[1]
Net interest income	**$ 96**	$ 84	$ 84	**$ 180**	$ 153
Net premiums	**(39)**	(43)	(37)	**(82)**	(73)
Other operating income[2]	**127**	138	113	**265**	224
Operating income[2]	**184**	179	160	**363**	304
Investment income (loss)[2]	**105**	(159)	18	**(54)**	(49)
Total income	**289**	20	178	**309**	255
Provision for credit losses	**10**	4	-	**14**	1
Claims, benefits, annuities and changes in insurance contract liabilities	**-**	-	(3)	**-**	(3)
Non-interest expense	**334**	188	372	**522**	581
Income taxes on surplus earnings	**57**	(100)	(63)	**(43)**	(115)
Net deficit for the period	**$ (112)**	$ (72)	$ (128)	**$ (184)**	$ (209)

[1] The data have been reclassified to conform to the current period's presentation.
[2] See "Non-GAAP measures".

COMPARISON OF THE SECOND QUARTERS OF 2020 AND 2019 – CONTRIBUTION TO SURPLUS EARNINGS OF TREASURY AND OTHER SUPPORT TO DESJARDINS GROUP ENTITIES CATEGORY

- **Net deficit of $112 million,** compared to a net deficit of $128 million for the second quarter of 2019.
  - In relation to treasury activities, market rate fluctuations as well as changes in hedging positions for matching activities had an unfavourable effect on net interest income and investment income.
  - Higher income taxes payable in the second quarter of 2020 on account of:
    - Transfer to the caisses of the tax deduction for the portion of the non-taxable gain on the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
    - Lower tax recovery related to the remuneration of F capital shares and G capital shares.
  - Non-interest expense included expenses related to the continued implementation of Desjardins-wide strategic projects, in particular, to improve systems and processes as well as to create innovative technology platforms mainly related to the digital shift and information security, thereby enhancing the member and client experience and improving productivity. It also included commitments made regarding the GoodSpark Fund, with the aim, in particular, of supporting regions socio-economically, and the amounts paid out under the Desjardins Member Advantages program.
  - In the second quarter of 2019, $70 million in expenses were recognized related to costs incurred and the establishment of a provision for the implementation of Desjardins Identity Protection.

COMPARISON OF THE FIRST SIX MONTHS OF 2020 AND 2019 – CONTRIBUTION TO SURPLUS EARNINGS OF TREASURY AND OTHER SUPPORT TO DESJARDINS GROUP ENTITIES CATEGORY

- **Net deficit of $184 million,** compared to a net deficit of $209 million for the corresponding period in 2019.
  - In relation to treasury activities, market rate fluctuations as well as changes in hedging positions for matching activities had an unfavourable effect on net interest income and investment income.
  - Higher income taxes payable in the first six months of 2020 on account of:
    - Transfer to the caisses of the tax deduction for the portion of the non-taxable gain on the sale of the entire portfolio of merchants receiving services from the Federation under the Monetico brand.
    - Offset by higher tax recovery related to the remuneration of F capital shares and G capital shares.
  - Non-interest expense included expenses related to the continued implementation of Desjardins-wide strategic projects, in particular, to improve systems and processes as well as to create innovative technology platforms mainly related to the digital shift and information security, thereby enhancing the member and client experience and improving productivity. It also included commitments made with regard to the GoodSpark Fund, with the aim, in particular, of supporting regions socio-economically, and the amounts paid out under the Desjardins Member Advantages program.
  - Decrease in investment portfolio provisions in the first quarter of 2019.
  - In the second quarter of 2019, $70 million in expenses were recognized related to costs incurred and the establishment of a provision for the implementation of Desjardins Identity Protection.

SUMMARY OF INTERIM RESULTS

The table below presents a summary of data related to the results for the Federation's most recent eight quarters.

Results of the most recent eight quarters

(in millions of dollars)	2020		2019				2018	
	Q2[(1)]	Q1[(1)]	Q4[(1)]	Q3[(1)]	Q2[(1)]	Q1[(1)]	Q4	Q3
Net interest income	**$ 376**	$ 406	$ 398	$ 404	$ 372	$ 365	$ 398	$ 382
Net premiums	**2,263**	2,551	2,556	2,354	2,270	2,345	2,246	2,288
Other operating income[(2)]								
Assessments	**96**	101	98	99	98	98	97	97
Service agreements	**202**	199	198	190	199	186	193	179
Lending fees and credit card service revenues	**135**	199	195	192	185	210	177	172
Brokerage and investment fund services	**235**	241	226	223	223	214	211	216
Management and custodial service fees	**154**	157	162	153	148	147	138	154
Foreign exchange income	**15**	44	19	18	19	14	29	15
Other	**83**	63	401	30	28	73	11	52
Operating income[(2)]	**3,559**	3,961	4,253	3,663	3,542	3,652	3,500	3,555
Investment income (loss)[(2)]								
Net investment income (loss)	**2,669**	(626)	(51)	581	991	1,424	(42)	(213)
Overlay approach adjustment for insurance operations financial assets	**(299)**	512	(22)	(13)	10	(167)	258	76
Investment income (loss)[(2)]	**2,370**	(114)	(73)	568	1,001	1,257	216	(137)
Total income	**5,929**	3,847	4,180	4,231	4,543	4,909	3,716	3,418
Provision for (recovery of) credit losses	**108**	199	103	129	(6)	84	63	73
Claims, benefits, annuities and changes in insurance contract liabilities	**3,616**	2,083	1,428	2,263	2,361	3,120	1,821	1,380
Non-interest expense	**1,782**	1,728	1,856	1,608	1,816	1,658	1,598	1,598
Income taxes on surplus earnings	**167**	(113)	145	20	56	(9)	6	68
Surplus earnings (deficit) before dividends to member caisses	**256**	(50)	648	211	316	56	228	299
Dividends to member caisses, net of income tax recovery	**-**	-	84	-	-	-	51	-
Net surplus earnings (deficit) for the period after dividends to member caisses	**$ 256**	$ (50)	$ 564	$ 211	$ 316	$ 56	$ 177	$ 299
Of which:								
Group's share	**$ 249**	$ (63)	$ 544	$ 200	$ 298	$ 59	$ 169	$ 286
Non-controlling interests' share	**7**	13	20	11	18	(3)	8	13

(1) The information presented for the 2020 and 2019 quarters takes into account IFRS 16, "Leases", adopted on January 1, 2019. The comparative data have not been restated. For more information, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Consolidated Financial Statements.
(2) See "Non-GAAP measures".

Quarterly income, expenses and surplus earnings before dividends to member caisses are affected by certain trends, including seasonal variations, and by changes in general economic conditions and the capital markets. The results of the first and second quarters of 2020 were affected by the financial impact of the COVID-19 pandemic, while the results of the fourth quarter of 2019 were affected by the sale to Global Payments of the entire portfolio of merchants receiving services from the Federation under the Monetico brand, completed on December 31, 2019. For more information about quarterly trends, see pages 39 to 41 of the 2019 annual MD&A.

BALANCE SHEET REVIEW

BALANCE SHEET MANAGEMENT

Consolidated Balance Sheets

(in millions of dollars and as a percentage)	As at June 30, 2020		As at December 31, 2019	
Assets				
Cash and deposits with financial institutions	**$ 13,757**	**7.2%**	$ 3,084	1.9%
Securities	**66,531**	**34.9**	49,433	30.1
Securities borrowed or purchased under reverse repurchase agreements	**13,046**	**6.8**	11,352	6.9
Net loans and acceptances	**57,738**	**30.2**	65,493	39.8
Segregated fund net assets	**17,198**	**9.0**	17,026	10.4
Derivative financial instruments	**7,248**	**3.8**	4,795	2.9
Other assets	**15,387**	**8.1**	13,230	8.0
Total assets	**$ 190,905**	**100.0%**	$ 164,413	100.0%
Liabilities and equity				
Deposits	**$ 74,921**	**39.2%**	$ 58,972	35.9%
Commitments related to securities sold short	**6,022**	**3.2**	10,615	6.5
Commitments related to securities lent or sold under repurchase agreements	**19,443**	**10.2**	10,562	6.4
Derivative financial instruments	**6,088**	**3.2**	4,827	2.9
Insurance contract liabilities	**34,512**	**18.1**	31,637	19.2
Segregated fund net liabilities	**17,184**	**9.0**	17,002	10.3
Other liabilities	**15,541**	**8.1**	13,888	8.5
Subordinated notes	**1,451**	**0.8**	1,398	0.9
Equity	**15,743**	**8.2**	15,512	9.4
Total liabilities and equity	**$ 190,905**	**100.0%**	$ 164,413	100.0%

Assets

As at June 30, 2020, the Federation's total assets stood at $190.9 billion, up by $26.5 billion, or 16.1%, since December 31, 2019. This growth was due to securities, including those borrowed or purchased under reverse repurchase agreements, as well as cash and deposits with financial institutions, which were up by $18.8 billion and $10.7 billion, respectively.

The increase in the Federation's cash and deposits with financial institutions was derived in particular from the liquidity obtained under the Government of Canada's funding initiatives, through the Bank of Canada and CMHC, to support the Canadian financial system during the COVID-19 pandemic. Securities, including securities borrowed or purchased under reverse repurchase agreements, increased because of growth in market activities and totalled $79.6 billion.

The Federation's outstanding loan portfolio, including acceptances, net of the allowance for credit losses, decreased by $7.8 billion, or 11.8%.

Loans and acceptances

(in millions of dollars and as a percentage)	As at June 30, 2020		As at December 31, 2019	
Residential mortgages	**$ 4,229**	**7.3%**	$ 4,183	6.3%
Consumer, credit card and other personal loans	**19,404**	**33.3**	20,567	31.2
Business and government	**34,683**	**59.4**	41,207	62.5
	58,316	**100.0%**	65,957	100.0%
Allowance for credit losses	**(578)**		(464)	
Total loans and acceptances by borrower category	**$ 57,738**		$ 65,493	

Outstanding business and government loans, including acceptances, decreased by $6.5 billion, or 15.8%, mainly because of the decline in loans to member caisses. Consumer, credit card and other personal loans outstanding were down $1.2 billion, or 5.7%. Residential mortgages were up $46 million, or 1.1%. It should be mentioned that on February 1, 2020, the Federation acquired a portfolio of quality mortgages from La Capitale, for a total consideration of $474 million.

Information on the quality of the Federation's credit portfolio can be found in the "Risk management" section, on pages 35 and 36 of this MD&A.

Segregated fund net assets were up $172 million, or 1.0%.

Derivative financial instrument assets grew by $2.5 billion, or 51.2%, because of lower interest rates and fluctuating foreign exchange rates.

Other assets increased by $2.2 billion, or 16.3%, as a result of the higher amounts receivable from clients, brokers and financial institutions.

Liabilities

The Federation's total liabilities amounted to $175.2 billion as at June 30, 2020, up $26.3 billion, or 17.6%, since December 31, 2019, primarily due to the increase in deposits.

Outstanding deposits grew by $15.9 billion, or 27.0%. The increase in deposits from deposit-taking institutions, which comprised 19.5% of the Federation's total deposit portfolio as at the same date, partially accounted for this growth. In fact, outstanding deposits were up $8.3 billion mainly because of the increase in member caisses' deposits. Business and government deposits outstanding, which accounted for 75.1% of its total deposit portfolio as at the same date, were up $7.3 billion, or 14.9%. Various securities, including covered bonds, issued on U.S., Canadian and European markets, which made it possible to support the growth of the Federation's funding requirements, were partially responsible for this increase. Personal deposits grew by $352 million, or 9.5%.

Deposits

(in millions of dollars and as a percentage)	As at June 30, 2020		As at December 31, 2019	
Individuals	**$ 4,067**	**5.4%**	$ 3,715	6.3%
Business and government	**56,238**	**75.1**	48,924	83.0
Deposit-taking institutions	**14,616**	**19.5**	6,333	10.7
Total deposits	**$ 74,921**	**100.0%**	$ 58,972	100.0%

Commitments related to securities sold short and lent or sold under repurchase agreements increased by $4.3 billion, or 20.2%, to reach a volume of $25.5 billion.

Derivative financial instrument liabilities grew by $1.3 billion, or 26.1%, because of lower interest rates and fluctuating exchange rates.

The Federation's insurance contract liabilities were up by $2.9 billion, or 9.1%.

Segregated fund net liabilities increased by $182 million, or 1.1%.

Other liabilities grew by $1.7 billion, or 11.9%, due to the higher amounts payable to clients, brokers and financial institutions.

Equity

Equity was up $231 million, or 1.5%, since December 31, 2019. Net surplus earnings for the first six months of 2020, after dividends to member caisses of $206 million, were a source of this growth.

Note 22, "Capital stock", to the Annual Consolidated Financial Statements provides additional information about the Federation's capital stock.

CAPITAL MANAGEMENT

Capital management is crucial to the financial management of Desjardins Group as a whole, including the Federation. Its goal is to ensure that the capital level and structure of Desjardins Group and its components are consistent with their risk profile, distinctive nature and cooperative objectives. Capital management must also ensure that the capital structure is adequate in terms of protection for members and clients, and regulators' expectations and requirements. In addition, it must optimize the allocation of capital and internal capital flow mechanisms, and support growth, development and asset risk management at Desjardins Group. Additional information on the Integrated Capital Management Framework can be found in the "Capital management" section of the Federation's 2019 annual MD&A.

Regulatory framework and internal policies

Desjardins Group's capital management is the responsibility of the Federation's Board of Directors. To support it with this task, it has mandated the Management Committee, through the Finance and Risk Management Committee, to ensure that Desjardins Group, including the Federation, has a sufficient capital base in light of the organization's strategic objectives and regulatory obligations. The Finance, Treasury and Administration Executive Division is responsible for preparing, on an annual basis, a capitalization plan to forecast capital trends, devise strategies and recommend action plans for achieving capital objectives and targets.

The current situation and the forecasts show that overall, Desjardins Group, including the Federation, has a solid capital base that maintains it among the best-capitalized financial institutions.

The Federation's capital ratios are calculated according to the AMF's Guideline on adequacy of capital base standards for financial services cooperatives (the guideline). This guideline takes into account the global regulatory framework for more resilient banks and banking systems (Basel III) issued by the Bank for International Settlements.

The minimum Tier 1A capital ratio that the Federation must maintain is 8%. In addition, the Tier 1 and total capital ratios must be above 9.5% and 11.5%, respectively. The minimum requirement for the leverage ratio is 3%.

This capital takes into consideration investments made in the Federation's subsidiaries. Some of these subsidiaries are subject to separate requirements regarding regulatory capital, liquidity and financing, which are set by regulatory authorities governing banks, insurers and securities, in particular. The Federation oversees and manages the capital requirements of these entities to ensure efficient use of capital and continuous compliance with the applicable regulation.

In this regard, it should be mentioned that the life and health insurance subsidiaries under provincial jurisdiction are subject to the Capital Adequacy Requirements Guideline (CARLI) issued by the AMF. The property and casualty insurance subsidiaries under provincial jurisdiction must comply with the Guideline on Capital Adequacy Requirements issued by the AMF. The property and casualty insurance subsidiaries under federal jurisdiction must comply with the OSFI's Minimum Capital Test Guideline for federally regulated property and casualty insurance companies.

For the purpose of calculating capital, Desjardins Financial Corporation Inc., the holding corporation that mainly includes the insurance companies, has been deconsolidated and presented as a partial capital deduction under the rules for significant investments stated in the guideline. Furthermore, Desjardins Financial Corporation Inc. is subject to the AMF's CARLI guideline.

Adjustments to capital requirements related to the COVID-19 pandemic

On March 31, 2020, the AMF issued a series of temporary measures aimed at supporting Québec's financial system. Additional measures were also issued on April 9 and June 29. For the calculation of capital ratios and the leverage ratio as at June 30, 2020, Desjardins Group introduced the following measures:

- Inclusion in Tier 1A capital of a portion of the loss allowance for expected credit losses that would otherwise have been included in Tier 2 capital. This adjustment of Tier 1A capital will be measured dynamically each quarter as the increase in the Stage 1 and Stage 2 allowances compared to the baseline amount. The baseline amount is the amount of the Stage 1 and Stage 2 allowances for the quarter ended December 31, 2019. This increased amount is adjusted for tax effects and subject to a scaling factor that decreases over time. The factor is set at 70% for fiscal 2020, 50% for 2021 and 25% for 2022. Since the amounts attributable to portfolios treated using the Internal Ratings-Based Approach show a deficit in expected losses during the transition, they will not be eligible for this treatment. For more information about the Stage 1 and Stage 2 allowances, see Note 2, "Basis of presentation and significant accounting policies", to the Annual Consolidated Financial Statements.
- Loans for which a moratorium has been granted on payment of principal or interest are treated as performing loans for regulatory purposes if they were not in default at the time the moratorium took effect. No change is required in the weighting and the probability of default associated with such loans covered by a moratorium. This temporary measure is effective for an initial period of six months as of the publication of the measure on March 31, 2020.
- Reduction of the stressed Value-at-Risk multiplier under market risk from 3 to 1.
- Exclusion of reserves with central banks and securities issued by sovereign borrowers that meet the eligibility criteria for high-quality liquid assets in the total exposure used when calculating the leverage ratio.

In addition, loan exposures covered by the new Canada Emergency Business Account (CEBA), since they are funded by the Government of Canada, are excluded from capital ratios and the leverage ratio.

Under the Québec concerted temporary action program for businesses (PACTE) and the Export Guarantee Program of Export Development Canada, the guaranteed portion of a loan is treated as an exposure of the Québec or Canadian government and the remaining portion not covered by the guarantee must be considered a borrower exposure. The total amount of the loan is included for the purpose of calculating the leverage ratio.

As for the Business Development Bank of Canada's Co-Lending Program, the AMF expects that, under the Standardized Approach for credit risk, the portion of the loan granted by the financial institution concerned is subject to the risk weighting applicable to the borrower, whereas under the Internal Ratings-Based Approach, it is considered a borrower exposure. For the purpose of calculating the capital ratios and the leverage ratio, the portion of the loan granted to the borrower by the financial institution concerned is included in the exposure measure.

Regulatory developments

Desjardins Group continues to monitor changes in capital requirements under the global standards developed by the Basel Committee on Banking Supervision (BCBS) and to assess their impact on the capital ratios and the leverage ratio. Additional information in this regard can be found in the Federation's 2019 annual MD&A on page 46. The "Changes in the regulatory environment" section also presents additional details on regulation as it affects all Desjardins Group operations.

On March 27, the BCBS announced the postponement of the international implementation calendar for the Basel III reforms released in December 2017. In line with this extension, the AMF announced on March 31 that it was postponing the implementation date of these reforms to the first quarter of 2023. This postponement included the revisions to the Standardized Approach and the Internal Ratings-Based Approach for credit risk, the operational risk framework, the leverage ratio framework, and the introduction of a more risk-sensitive capital floor.

Implementation of the revisions to the BCBS market risk framework, namely the fundamental review of the trading book, issued in January 2019, was postponed until January 2024. As a result, the implementation date of the revised credit valuation adjustment risk framework has also been postponed until January 2024.

Compliance with requirements

The ratios presented below are the result of the application of the Guideline on adequacy of capital base standards for financial services cooperatives based on the Federation's Consolidated Financial Statements in order to meet regulatory requirements. Given the revision of the Act, which introduced the concept of the Cooperative Group formalizing procedures such that the Federation could not be liquidated individually but only with the other Cooperative Group entities, please see the "Capital management" section of Desjardins Group's 2019 annual report for a complete assessment of the Federation's financial strength. This section is not incorporated by reference in the MD&A.

As at June 30, 2020, the Tier 1A, Tier 1 and total capital ratios, calculated in accordance with Basel III requirements, were 17.9%, 17.9% and 18.3%. The leverage ratio was 9.2%.

As at June 30, 2020, the Tier 1A capital ratio was up 94 basis points compared to December 31, 2019, due to the increase in reserves and surplus earnings as well as accumulated other comprehensive income, partially offset by moderate growth in risk-weighted assets.

The Federation and its subsidiaries that are subject to minimum regulatory capital requirements were in compliance with said requirements as at June 30, 2020.

Regulatory capital

The following tables present the Federation's main capital components, regulatory capital, capital ratios, movements in capital during the period and risk-weighted assets.

Main capital components

	Total capital		
	Tier 1 capital		Tier 2 capital
	Tier 1A[(1)]	Tier 1B[(1)]	
Eligible items	• Reserves and undistributed surplus earnings • Eligible accumulated other comprehensive income • Capital shares • Eligible portion of general allowance[(4)]	• Non-controlling interests[(2)]	• General allowance • Subordinated notes subject to phase-out • NVCC subordinated notes[(3)] • Eligible qualifying shares
Regulatory adjustments	• Goodwill • Software • Other intangible assets • Deferred tax assets essentially resulting from loss carryforwards • Shortfall in allowance • Cross-investments		
Deductions	• Mainly significant investments in financial entities[(5)]	• Investment in preferred shares of a component deconsolidated for regulatory capital purposes	• Investment in preferred shares of a component deconsolidated for regulatory capital purposes • Subordinated financial instrument

(1) The Tier 1A and Tier 1B ratios are the equivalent of the financial institutions' CET1 and AT1 ratios, for financial services cooperatives regulated by the AMF.
(2) The amount of non-controlling interests is determined, in particular, based on the nature of the operations and the capitalization level of the investee.
(3) These notes meet the Non-Viability Contingent Capital (NVCC) requirements of the guideline.
(4) On March 31, 2020, the AMF published transitional provisions stipulating that a portion of the general allowance initially included in Tier 2 capital could be included in Tier 1A capital. For more information, see "Adjustments to capital requirements related to the COVID-19 pandemic" in this section.
(5) Represent the portion of investments in the components deconsolidated for regulatory capital purposes (mainly Desjardins Financial Corporation Inc.) that exceeds 10% of capital net of regulatory adjustments. In addition, when the non-deducted balance, plus deferred tax assets net of corresponding deferred tax liabilities, exceeds 15% of the adjusted capital, the surplus is also deducted from this capital. The net non-deducted balance is subject to risk-weighting at a rate of 250%.

Regulatory capital and capital ratios

(in millions of dollars and as a percentage)	As at June 30, 2020	As at December 31, 2019
Tier 1A capital		
Federation's capital shares	**$ 4,872**	$ 4,872
Other capital shares	**4,012**	4,012
Reserves	**793**	330
Undistributed surplus earnings	**5,002**	5,279
Eligible accumulated other comprehensive income	**379**	263
Deductions[(1)(2)]	**(3,160)**	(3,683)
Total Tier 1A capital	**11,898**	11,073
Total Tier 1 capital	**11,898**	11,073
Tier 2 capital		
Subordinated notes subject to phase-out	**454**	687
NVCC subordinated notes	**997**	-
General allowance	**107**	106
Deductions[(1)]	**(1,298)**	(793)
Total Tier 2 capital	**260**	-
Total regulatory capital (Tiers 1 and 2)	**$ 12,158**	$ 11,073
Ratios and leverage ratio exposure		
Tier 1A capital[(3)]	**17.9%**	16.9%
Tier 1 capital[(3)]	**17.9**	16.9
Total capital[(3)]	**18.3**	16.9
Leverage[(4)]	**9.2**	9.0
Leverage ratio exposure	**$ 129,393**	$ 123,322

(1) As prescribed by the guideline, when an entity is required to make a deduction from a given capital component but is not adequately provisioned, the difference is deducted from the component of the next highest quality. If Tier 2 capital is insufficient to absorb a deduction, the undeducted portion will be deducted from Tier 1B, and then from Tier 1A, if necessary.
(2) Deductions from Tier 1A are comprised of regulatory adjustments ($875 million, $553 million in 2019), for which cross-investments ($28 million, $27 million in 2019), significant investments ($2,144 million, $2,416 million in 2019), and items that could not be deducted from Tiers 1B and 2 because of insufficient capital in these tiers ($141 million, $714 million in 2019).
(3) As prescribed by the guideline, the capital ratios are expressed as a percentage of regulatory capital to risk-weighted assets.
(4) The leverage ratio is calculated by dividing Tier 1 capital by the exposure measure, which is an independent measure of risk and includes: 1) on-balance sheet exposures, 2) securities financing transaction exposures, 3) derivative exposures, and 4) other off-balance sheet items.

In compliance with Basel III requirements, capital instruments that no longer meet the eligibility criteria for capital tiers have been excluded from them effective January 1, 2013, as prescribed. In accordance with the transitional provisions set out in the guideline, instruments that meet certain conditions are being phased out from capital at an annual rate of 10% over a nine-year period that began on January 1, 2013. The subordinated notes issued by Desjardins Capital Inc. are subject to the 10% amortization. In order to be fully eligible for Tier 2 capital, such notes must meet Non-Viability Contingent Capital (NVCC) requirements.

The Federation is able to issue NVCC instruments on Canadian, U.S. and European markets, and carried out an issue of $1.0 billion of such securities during the second quarter of 2020.

Change in regulatory capital
For the six-month period ended

(in millions of dollars)	June 30, 2020
Tier 1A capital	
Balance at beginning of period	**$ 11,073**
Increase in reserves and undistributed surplus earnings[1]	**186**
Eligible accumulated other comprehensive income	**116**
Deductions	**523**
Balance at end of period	**11,898**
Total Tier 1 capital[2]	**11,898**
Tier 2 capital	
Balance at beginning of period	**-**
NVCC subordinated notes	**997**
Senior notes subject to phase-out	**(233)**
General allowance	**1**
Deductions	**(505)**
Balance at end of period	**260**
Total capital	**$ 12,158**

[1] Amount including the change in defined benefit pension plan liabilities.
[2] No Tier 1B capital instrument has been issued to date.

Risk-weighted assets (RWA)

The Federation calculates risk-weighted assets for credit risk, market risk and operational risk.

Credit risk

- The Federation uses the Internal Ratings-Based Approach for credit risk.
- Since March 2009, the Internal Ratings-Based Approach has been used for credit risk related to retail exposures – Personal.
- Since December 2019, the Internal Ratings-Based Approach has been used for most exposures in the asset classes consisting of sovereign borrowers, financial institutions, businesses and SMEs similar to other retail client exposures.
- The Standardized Approach is used to measure the credit risk of certain exposures related to components of lesser importance, as well as asset classes that are not significant in terms of amount and perceived risk profile.

Market risk

- Since September 2018, the Federation has been using market risk internal models for trading portfolios.
- The Standardized Approach is used for foreign exchange risk and commodity risk in the banking portfolio.

Operational risk

- Since June 2017, the Federation has been using the Standardized Approach to calculate operational risk.

The Federation is also subject to an RWA floor. When the RWA modelled are lower than the RWA calculated using the Standardized Approach multiplied by a factor set by the AMF, the difference is added to the denominator of the regulatory capital, as specified in the Guideline on adequacy of capital base standards for financial services cooperatives issued by the AMF.

As indicated in the table below, risk-weighted assets totalled $66.6 billion as at June 30, 2020. Of this amount, $54.5 billion was for credit risk, $3.0 billion for market risk, and $9.1 billion for operational risk. As at December 31, 2019, risk-weighted assets stood at $65.4 billion.

Risk-weighted assets

(in millions of dollars and as a percentage)	Internal Ratings-Based Approach		Standardized Approach		Total as at June 30, 2020				Total as at December 31, 2019
	Exposure [1]	Risk-weighted assets	Exposure [1]	Risk-weighted assets	Exposure [1]	Risk-weighted assets	Capital requirement[2]	Average risk weighting rate	Risk-weighted assets
Credit risk other than counterparty risk									
Sovereign borrowers	$ 24,935	$ 2,617	$ 11,532	$ -	$ 36,467	$ 2,617	$ 209	7.2%	$ 580
Financial institutions	4,284	1,125	24,219	4,860	28,503	5,985	479	21.0	6,929
Businesses	14,267	9,975	6,083	5,655	20,350	15,630	1,250	76.8	14,734
Securitizations	-	-	10	121	10	121	10	1,250.0	151
Equities	-	-	213	309	213	309	25	144.9	324
SMEs similar to other retail client exposures	3,499	2,758	14	10	3,513	2,768	221	78.8	2,878
Mortgages	1,316	176	385	135	1,701	311	25	18.3	270
Other retail client exposures (excluding SMEs)	7,289	3,797	1,401	1,052	8,690	4,849	388	55.8	4,856
Qualifying revolving retail client exposures	24,846	7,603	(1)	-	24,845	7,603	608	30.6	8,567
Subtotal - Credit risk other than counterparty risk	80,436	28,051	43,856	12,142	124,292	40,193	3,215	32.3	39,289
Counterparty risk									
Sovereign borrowers	5	-	-	-	5	-	-	-	1
Financial institutions	3,077	1,975	376	75	3,453	2,050	164	59.4	1,770
Businesses	-	-	13	3	13	3	-	25.7	8
Trading portfolio	1,939	739	585	522	2,524	1,261	101	49.9	794
Credit valuation adjustment (CVA) charge	-	-	-	-	-	2,083	167	-	1,623
Additional requirements for banking and trading portfolio	-	-	-	-	259	12	1	-	23
Subtotal - Counterparty risk	5,021	2,714	974	600	6,254	5,409	433	86.5	4,219
Other assets[3]	-	-	-	-	18,619	7,074	566	38.0	8,037
Scaling factor[4]	-	1,846	-	-	-	1,846	148	-	1,698
Total credit risk	85,457	32,611	44,830	12,742	149,165	54,522	4,362	36.6	53,243
Market risk									
Value at Risk (VaR)	-	852	-	-	-	852	68	-	406
Stressed VaR (SVaR)	-	954	-	-	-	954	76	-	1,394
Incremental risk charge (IRC)[5]	-	709	-	-	-	709	57	-	819
Other[6]	-	13	-	422	-	435	35	-	472
Total market risk[7]	-	2,528	-	422	-	2,950	236	-	3,091
Operational risk	-	-	-	9,116	-	9,116	729	-	9,063
Total risk-weighted assets	$ 85,457	$ 35,139	$ 44,830	$ 22,280	$ 149,165	$ 66,588	$ 5,327	-%	$ 65,397

[1] Net exposure after credit risk mitigation (net of loss allowance for expected credit losses on credit-impaired loans other than retail clients (except for credit card loans) under the Standardized Approach, excluding those using the Internal Ratings-Based Approach, according to the AMF guideline).
[2] The capital requirement represents 8% of risk-weighted assets.
[3] Other assets are measured using a method other than the Standardized Approach or the Internal Ratings-Based Approach. Other assets include the investments portion below a certain threshold in components that are deconsolidated for regulatory capital purposes (mainly Desjardins Financial Corporation Inc.), the investments portion below a certain threshold in associates as well as the portion of other deferred tax assets above a certain threshold. These three items are weighted at 250% and the deducted portion (namely above a certain threshold) is weighted at 0%. This class does not include the CVA charge and additional requirements for the banking and trading portfolios, which are disclosed in the counterparty credit risk section.
[4] The scaling factor is a 6% calibration of risk-weighted assets measured using the Internal Ratings-Based Approach for credit exposures in accordance with Section 1.3 of the AMF guideline.
[5] Additional requirements representing an estimate of default and migration risks of unsecuritized products exposed to interest rate risk.
[6] Means mainly capital requirements calculated using the Standardized Approach for foreign exchange risk and commodities risk in banking portfolios.
[7] Since first quarter 2020, the simulated value at risk multiplier has been reduced in the calculation of market risk in accordance with the relief measures implemented by the AMF in response to the COVID-19 pandemic.

OFF-BALANCE SHEET ARRANGEMENTS

In the normal course of operations, the Federation enters into various off-balance sheet arrangements, including assets under management and under administration on behalf of caisse members and clients, credit instruments, guarantees and structured entities, including securitization. Additional information can be found in the "Off-balance sheet arrangements" section of the Federation's 2019 annual MD&A.

Note 13, "Interests in other entities", and Note 28, "Commitments, guarantees and contingent liabilities", to the Federation's Annual Consolidated Financial Statements contain information about structured entities, credit instruments and guarantees, while Note 8, "Derecognition of financial assets", to the Annual Consolidated Financial Statements provides information about the securitization of the Federation's loans.

During the second quarter, the Federation took part in the Canada Emergency Business Account (CEBA) program to grant government-funded loans, and also collaborated in the Business Development Bank of Canada's Co-Lending Program. At the end of these programs, the Federation does not recognize all these loans on its Consolidated Balance Sheets because the derecognition criteria have been met. Additional information on these programs is presented in Note 5, "Loans and allowance for credit losses" to the Interim Consolidated Balance Sheets.

Assets under management and under administration

As at June 30, 2020, the Federation administered, for the account of caisse members and its clients, assets worth $433.9 billion, for a decrease of $3.1 billion, or 0.7%, in particular because of the decline on financial markets due to the COVID-19 pandemic. The financial assets entrusted to the Federation as wealth manager totalled $81.6 billion as at June 30, 2020, up $4.6 billion, or 5.9%, since December 31, 2019.

Assets under management and under administration by the Federation are comprised essentially of financial assets in the form of investment funds, securities held in custody and assets accumulated by pension funds. They do not belong to the Federation, but to caisse members and clients and, as a result, they are not recognized on the Consolidated Balance Sheets. The Wealth Management segment is primarily responsible for the activities related to assets under management and under administration.

RISK MANAGEMENT

RISK MANAGEMENT

Desjardins Group's objective in risk management is to optimize the risk-return trade-off by developing and applying integrated risk management strategies, frameworks, practices and procedures to all of the organization's business segments and support functions. To this end, Desjardins developed an Integrated Risk Management Framework reflective of its business strategies and organizational risk-taking philosophy which is aimed, among other things, at giving its senior management and the Federation's Board of Directors an appropriate level of confidence and comfort regarding the understanding and management of the risks associated with the achievement of its objectives.

The Federation is exposed to different types of risk in its normal course of operations, including credit risk, market risk, liquidity risk, operational risk, insurance risk, strategic risk, reputational risk, risk related to pension plans, environmental or social risk and risk related to the regulatory and legal environment.

Risk management is a function covering all Desjardins Group operations, including those of the Federation. As a result, the description of risk management that follows is a description for Desjardins Group. Strict and effective management of these risks is a priority for Desjardins Group, its purpose being to support its major orientations, particularly regarding its financial soundness as well as its sustained and profitable growth, while complying with regulatory requirements. Desjardins Group considers risk an inextricable part of its development, and consequently strives to promote a proactive approach in which each of its business segments, employees and managers is responsible for risk management.

In the first six months of fiscal 2020, Desjardins Group's governance structure, frameworks and practices for risk management, and the nature and description of the risks to which the Federation is exposed (including operational risk, insurance risk, strategic risk, reputational risk, risk related to pension plans, environmental or social risk and risk related to the regulatory and legal environment) did not change significantly from those described on pages 54 to 79 of the Federation's 2019 annual MD&A. In addition to these types of risk, other risk factors, which are not under the control of Desjardins Group (including the Federation), could have an impact on its future results. These principal risks and emerging risks, as well as other risk factors, did not change significantly from those described on pages 51 to 53 of the Federation's 2019 annual MD&A.

The COVID-19 pandemic and its associated risks are the primary situation being monitored by Desjardins Group. Much work has been done by Desjardins to deal with this, and the impact and developments of the COVID-19 pandemic are still subject to ongoing supervision. The pandemic has had and will continue to have repercussions on the risks to which Desjardins Group is exposed. Desjardins is closely monitoring developments in these risks to ensure the sustainability of its operations during the crisis. Below you will find the pandemic's main impact on some of the principal types of risk at Desjardins:

- **Market risk**
  - Market data are significantly affected by the global pandemic. Therefore, the extreme volatility during the first quarter is reflected in the second quarter's data history. Given that the VaR model uses one-year data histories, the data observed continue to have an impact on current VaR levels and these effects will persist in the coming quarters.

- **Credit risk**
  - Borrower default risk is rising. This risk can be seen from the increase in payment arrears and the projected higher delinquency rate that will also influence portfolio quality. Downgrades in risk ratings during file reviews are expected in addition to the assignment of a higher risk rating to new loans granted.
  - There is an increase in the collective allowance arising chiefly from the deterioration in economic outlook on account of the COVID-19 pandemic, which has continued during the second quarter.

- **Insurance risk** – **Life and Health Insurance**
  - The evolution of the experience as a result of the pandemic remains under surveillance, in particular for disability and mortality.

- **Insurance risk** – **Property and Casualty Insurance**
  - Lower growth in premiums is expected in 2020, with a deferral in premium increases, an extension of relief measures and a deterioration in clients' financial situations.
  - There is uncertainty about future claims given the likely increase in fraud and potential civil liability claims for business clients.

- **Liquidity risk**
  - In order to prevent liquidity from drying up, the Government of Canada has set up exceptional liquidity granting programs to facilitate access to funding from financial institutions. The use of these programs by Desjardins Group and the growth in deposits have resulted in very high liquidity ratios.

- **Operational risks – Information security**
  - Teleworking has increased the potential threat to data security, requiring heightened surveillance of cyber attacks and opportunistic fraud, as well as granting special authorization to use certain remote systems while reinforcing supervision.

- **Operational risks – Technology**
  - Teleworking fosters reliance on technology infrastructure leading to adjustments to business continuity plans in order to better tackle large-scale telework and what it entails, such as the increased use of digital services, moratoriums on some technology enhancement initiatives to ensure systems stability and the prohibition and supervision of some sharing and communication applications.

- **Operational risks – Execution**
  - The accommodations made in executing certain processes in the impromptu context of a pandemic crisis, such as setting up relief measures for members and clients (government programs, payment deferrals, remote opening of accounts, increase in mobile deposit limits), could potentially increase the risk of error. Similarly and even though non-recurring, the resulting disruptions in operations and the abnormally fast pace of work could lead to a risk of exhausting some resources. A second wave would affect a larger proportion of such resources.

In order to mitigate this impact, Desjardins Group has increased the frequency of its risk management activities, which are set out in Section 4 of the 2019 annual MD&A. For more information about the impact of the COVID-19 pandemic and the measures implemented by Desjardins Group, please see "Significant events – COVID-19 pandemic" in this MD&A, which presents certain factors that could contribute to the risks described above and those presented in the 2019 annual MD&A.

CREDIT RISK

Credit risk is the risk of losses resulting from a borrower's, guarantor's, issuer's or counterparty's failure to honour its contractual obligations, whether or not such obligations appear on the Consolidated Balance Sheets.

The Federation is exposed to credit risk first through its direct personal, business and government loans, including through its loans to member caisses. It is also exposed through various other commitments, including letters of credit, transactions involving derivative financial instruments and securities transactions.

During the current COVID-19 pandemic, Desjardins Group has put forward several relief measures to support its members and clients and mitigate the impact of this crisis. Government authorities have also set up a number of programs to stabilize the situation and bolster the economy. Although future repercussions are still uncertain, the credit portfolio is being strictly monitored to take into consideration more or less long-term impacts.

Quality of loan portfolio

As at June 30, 2020, in accordance with Note 5, "Loans and allowance for credit losses", to the Interim Consolidated Financial Statements, the allowance for credit losses totalled $578 million, up $114 million compared to December 31, 2019. The significant deterioration in the economic outlook, such as the higher unemployment rate, the decline in GDP, the higher probability of default and the migration of certain borrowers' ratings as a result of the COVID-19 pandemic, resulted in a higher loss allowance for expected credit losses. As you may recall, in the second quarter of 2019, a refinement of the evaluation methodology for risk parameters of non-credit impaired loans related to the lifespan of revolving exposures, such as credit cards, had a positive impact. For more information about the methodology and assumptions used to estimate the loss allowance for expected credit losses, please refer to Note 5, "Loans and allowance for credit losses", to the Interim Consolidated Financial Statements.

Gross credit-impaired loans outstanding are considered Stage 3 loans of the impairment model. The ratio of gross credit-impaired loans, as a percentage of the total gross loans and acceptances portfolio, was 0.83% for the second quarter of 2020, compared to 0.56% as at December 31, 2019. The allowance for credit losses on credit-impaired loans totalled $232 million as at June 30, 2020, resulting in a provisioning rate of 48.0% for credit-impaired loans.

The following table presents the aging of gross loans that are past due but not credit-impaired.

Gross loans past due but not credit-impaired

As at June 30, 2020[(1)]

(in millions of dollars)	1 to 29 days	30 to 59 days	60 to 89 days	90 days or more	Total
Residential mortgages	**$ 48**	**$ 2**	**$ 1**	**$ 3**	**$ 54**
Consumer, credit card and other personal loans	**702**	**132**	**73**	**-**	**907**
Business and government	**1**	**-**	**-**	**-**	**1**
	$ 751	**$ 134**	**$ 74**	**$ 3**	**$ 962**

As at December 31, 2019

(in millions of dollars)	1 to 29 days	30 to 59 days	60 to 89 days	90 days or more	Total
Residential mortgages	$ 27	$ 3	$ 1	$ 2	$ 33
Consumer, credit card and other personal loans	718	156	75	-	949
Business and government	2	-	-	-	2
	$ 747	$ 159	$ 76	$ 2	$ 984

(1) Loans with payment deferrals granted under COVID-19 relief measures are classified as the past due loans that they were at the time of deferral. Residential mortgages granted to individuals, consumer loans and some other personal loans have however been treated as current while they were 15 days or less past due as at March 31, 2020.

The following tables present the Federation's gross credit-impaired loans by borrower category and the change in the gross credit-impaired loan balance.

Gross credit-impaired loans by borrower category

(in millions of dollars and as a percentage)	**As at June 30, 2020**					As at December 31, 2019	
	Gross carrying amount						
	Gross loans and acceptances	**Gross credit-impaired loans**		**Allowance for credit losses on credit-impaired loans**	**Net credit-impaired loans**	Gross credit-impaired loans	Net credit-impaired loans
Residential mortgages	**$ 4,229**	**$ 8**	**0.19%**	**$ 5**	**$ 3**	$ 8	$ 4
Consumer, credit card and other personal loans	**19,404**	**256**	**1.32**	**151**	**105**	249	119
Business and government	**34,683**	**219**	**0.63**	**76**	**143**	114	94
Total loans	**$ 58,316**	**$ 483**	**0.83%**	**$ 232**	**$ 251**	$ 371	$ 217

Change in gross credit-impaired loans

(in millions of dollars)	**For the three-month periods ended**			**For the six-month periods ended**	
	June 30, 2020	March 31, 2020	June 30, 2019	**June 30, 2020**	June 30, 2019
Gross credit-impaired loans at the beginning of the period	**$ 385**	$ 371	$ 394	**$ 371**	$ 348
Gross loans that became credit-impaired since the last period	**370**	255	478	**625**	962
Loans returned to unimpaired status	**(153)**	(208)	(392)	**(361)**	(751)
Write-offs and recoveries	**(77)**	(92)	(88)	**(169)**	(163)
Other changes	**(42)**	59	(12)	**17**	(16)
Gross credit-impaired loans at the end of the period	**$ 483**	$ 385	$ 380	**$ 483**	$ 380

Counterparty and issuer risk

Counterparty and issuer risk is a credit risk relative to different types of securities, derivative financial instrument and securities lending transactions.

The Risk Management Executive Division sets the maximum exposure for each counterparty and issuer based on quantitative and qualitative criteria. In addition, limits are set for certain financial instruments. The amounts are then allocated to different components based on their needs.

A large proportion of Desjardins Group's exposure is to the different levels of government in Canada, Québec public and parapublic entities and major Canadian banks. For most of these counterparties and issuers, the credit rating is A- or higher. Apart from the U.S. sovereign debt holdings and commitments with major international banks, Desjardins Group's exposure to foreign entities is low.

MARKET RISK

Market risk refers to the risk of changes in the fair value of financial instruments resulting from fluctuations in the parameters affecting this value, in particular, interest rates, exchange rates, credit spreads and their volatility.

Desjardins Group is exposed to market risk through its trading activities, which result primarily from short-term transactions conducted with the intention of profiting from current price movements or to provide arbitrage revenue. Desjardins Group is also exposed to market risk through its non-trading activities, which group together mainly asset/liability management transactions in the course of its traditional banking activities as well as investment portfolios related to its insurance operations. Desjardins Group and its components have adopted policies that set out the principles, limits and procedures to use in managing market risk.

Governance

Desjardins Group's components are primarily structured into different legal entities to deliver products and services that can be distributed to Desjardins Group members and clients. These legal entities manage financial instruments exposed to market risk and are subject to different regulatory environments such as the banking, securities brokerage, wealth management, life and health insurance and property and casualty insurance industries. The board of directors of these entities delegate to various committees the responsibility of setting up systems and procedures to establish measures adapted to their operations and regulatory environments. These measures, together with the appropriate follow-up procedures, are incorporated into their respective policies and guidelines. The function of the Risk Management Executive Division is to monitor these measures and ensure compliance with the said policies. The main measures used and their follow-up processes are described below.

Management of market risk related to trading activities – Value at Risk

The market risk of trading portfolios is managed on a daily basis under specific frameworks, which set out the risk factors that must be measured and the limit for each of these factors as well as the total. Tolerance limits are also provided for various stress testing. Compliance with these limits is monitored daily and a market risk dashboard is produced on a daily basis and sent to senior management. Any limit exceeded is immediately analyzed and the appropriate action is taken.

The main tool used to measure this risk is "Value at Risk" (VaR). VaR is an estimate of the potential loss over a certain period of time at a given confidence level. A Monte Carlo VaR is calculated daily on the trading portfolios, using a 99% confidence level and a holding horizon of one day (holding horizon extended up to 10 days for regulatory capital calculations). It is therefore reasonable to expect a loss exceeding the VaR figure once every 100 days. The calculation of VaR is based on historical data for a one-year interval.

In addition to aggregate VaR, Desjardins Group calculates an aggregate stressed VaR (SVaR). It is calculated in the same way as aggregate VaR, except for the use of historical data. Therefore, instead of using the interval of the past year, aggregate SVaR takes into account the historical data for a crisis period of one year from September 2008.

The incremental risk charge (IRC) supplements the VaR and SVaR measures and represents an estimate of default and migration risks of unsecuritized products held in the trading portfolio, exposed to interest rate risk, and measured over a one-year horizon at a 99.9% confidence level.

The table below presents the aggregate VaR and the aggregate SVaR of trading activities by risk category, as well as the IRC. Equity price risk, foreign exchange risk, interest rate risk and specific interest rate risk are the four risk categories to which the Federation is exposed. These risk factors are taken into account in measuring the market risk of the trading portfolio. They are reflected in the VaR table presented below. The definition of a trading portfolio meets the various criteria defined in the Basel Capital Accord.

Market risk measures for the trading portfolio

(in millions of dollars)	**For the quarter ended June 30, 2020**				For the quarters ended March 31, 2020		June 30, 2019	
	As at June 30, 2020	**Average**	**High**	**Low**	As at March 31, 2020	Average	As at June 30, 2019	Average
Equities	**$ 1.8**	**$ 2.9**	**$ 3.7**	**$ 1.7**	$ 3.4	$ 1.5	$ 2.1	$ 2.0
Foreign exchange	**2.0**	**1.2**	**2.5**	**0.3**	1.6	0.4	0.5	0.8
Interest rate	**5.0**	**4.9**	**6.7**	**3.5**	4.0	3.7	3.9	4.0
Specific interest rate risk[1]	**3.6**	**4.9**	**7.7**	**2.9**	3.5	2.0	4.4	5.4
Diversification effect[2]	**(6.6)**	**(7.7)**	**N/A[3]**	**N/A[3]**	(6.7)	(3.4)	(6.7)	(7.7)
Aggregate VaR	**$ 5.8**	**$ 6.2**	**$ 7.6**	**$ 5.1**	$ 5.8	$ 4.2	$ 4.2	$ 4.5
Aggregate SVaR	**$ 23.1**	**$ 18.9**	**$ 26.4**	**$ 9.3**	$ 12.1	$ 11.9	$ 17.5	$ 20.0
Incremental risk charge (IRC)	**$ 54.9**	**$ 56.7**	**$ 74.2**	**$ 45.8**	$ 55.4	$ 44.2	$ 82.9	$ 80.4

(1) Specific risk is the risk directly related to the issuer of a financial security, independent of market events. A portfolio approach is used to distinguish specific risk from general market risk. This approach consists of creating a sub-portfolio that contains the positions involving the specific risk of an issuer, such as provinces, municipalities and companies, and a sub-portfolio that contains the positions considered to be without issuer risk, such as governments in the local currency.

(2) Represents the risk reduction related to diversification, namely the difference between the sum of the VaR of the various market risks and the aggregate VaR.

(3) The highs and lows of the various market risk categories can refer to different dates.

The average of the trading portfolio's aggregate VaR was $6.2 million for the quarter ended June 30, 2020, up $2.0 million compared to the quarter ended March 31, 2020. The average of the aggregate SVaR was $18.9 million for the quarter ended June 30, 2020, up $7.0 million compared to the quarter ended March 31, 2020. The average of the incremental risk charge totalled $56.7 million, up $12.5 million compared to the previous quarter.

It should be noted that the increases in VaR during this quarter were due in particular to market data severely affected by the global pandemic. In fact, the extreme volatility during the first quarter was reflected in the data histories. Given that the VaR model uses one-year data histories, the data observed continue to have an impact on current VaR levels and this impact will persist over the coming quarters.

Aggregate VaR and aggregate SVaR are appropriate measures for a trading portfolio but they must be interpreted by taking into account certain limits, in particular the following ones:

- these measures do not allow future losses to be predicted if actual market fluctuations differ markedly from those used to do the calculations;
- these measures are used to determine the potential losses for a one-day holding period, and not the losses on positions that cannot be liquidated or hedged during this one-day period;
- these measures do not provide information on potential losses beyond the selected confidence level of 99%.

Given these limitations, the process of monitoring trading activities using VaR is supplemented by stress testing and by establishing limits in this regard.

Back testing

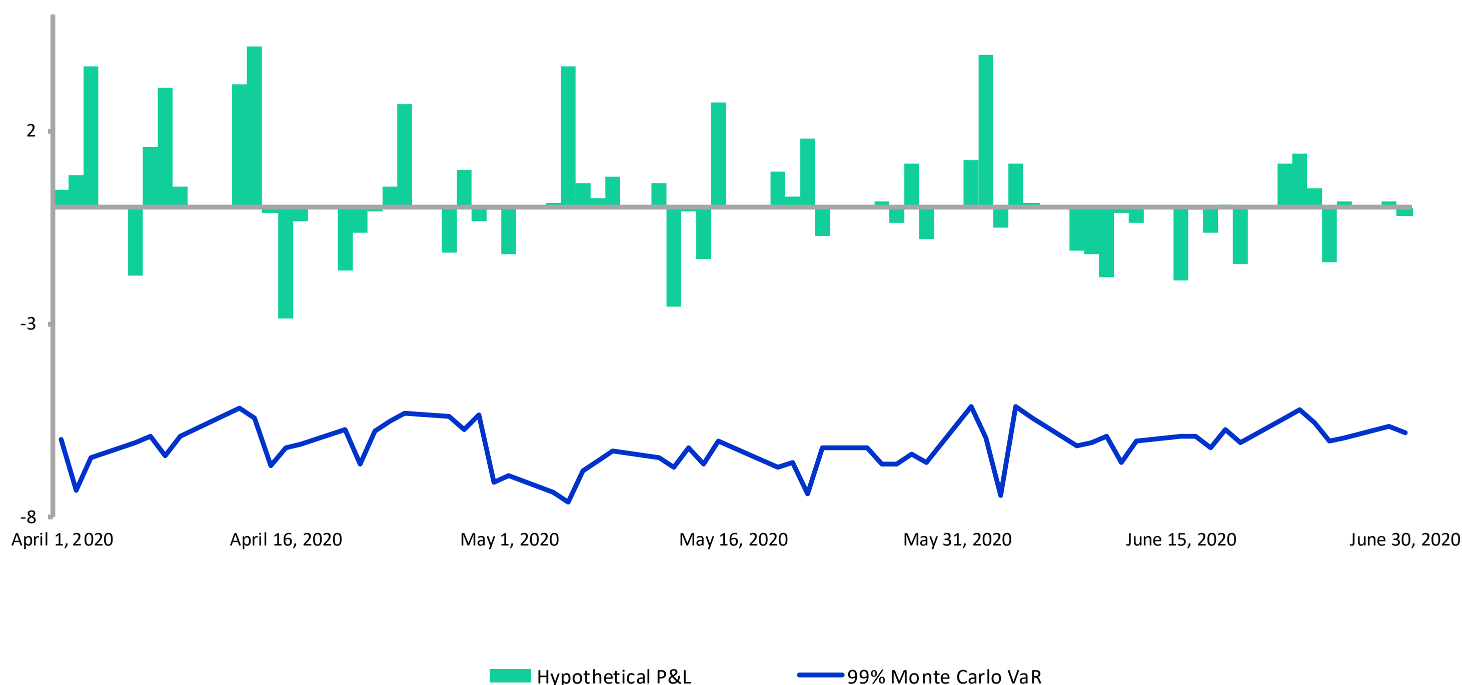
Back testing, which is a daily comparison of the VaR with the profits and losses (P&L) on portfolios, is conducted to validate the VaR model used by ensuring that results correspond statistically to those of the VaR model. In addition, an independent modelling validation unit works on the model every year.

Desjardins Group performs back testing daily, applying a hypothetical P&L and an actual P&L to its trading portfolios. The hypothetical P&L is calculated by determining the difference in value resulting from changes in market conditions between two consecutive days. The portfolio mix between these two days remains static.

The following graph presents changes in VaR for trading activities as well as the hypothetical P&L related to these activities. During the second quarter of 2020, no overages of actual P&L or hypothetical P&L compared to VaR were observed for Desjardins Group.

Despite the overages of hypothetical P&L since the beginning of 2020, the performance of the VaR model is considered adequate.

VaR compared to hypothetical P&L for trading activities
(in millions of dollars)



Stress testing

Certain events that are considered highly unlikely and that may have a significant impact on trading portfolios may occur from time to time. These events are at the tail-end of the distribution and are the result of extreme situations. Use of a stress-testing program is required to assess the impact of these potential situations.

The stress-testing program used for trading portfolios includes historical, hypothetical and sensitivity scenarios based, for instance, on events such as 9/11 or the 2008 credit crisis. Using such stress testing, changes can be monitored in the market value of positions held depending on various scenarios. Most stress-testing is predictive. For a given stress test, shocks are applied to certain risk factors (interest rates, exchange rates and commodities) and the effects of these shocks are passed on to all the risk factors taking historical correlations into account. The running of each stress test is considered to be independent of the others. In addition, certain stress testing is subject to limit tracking. Stress-testing results are analyzed and reported daily using a dashboard, together with VaR calculations, in order to detect vulnerability to such events. The stress-testing program is reviewed periodically to ensure that it is kept current.

Structural interest rate risk management

Desjardins Group is exposed to structural interest rate risk, which represents the potential impact of interest rate fluctuations on net interest income and the economic value of equity. This risk is the main component of market risk for Desjardins Group’s traditional banking activities other than trading, such as accepting deposits and granting loans, as well as for its securities portfolios used for long-term investment purposes and as liquidity reserves.

Interest rate sensitivity is based on the earlier of the repricing or the maturity date of the assets, liabilities and derivative financial instruments used to manage structural interest rate risk. The situation presented reflects the position only on the date indicated and can change significantly in subsequent quarters depending on the preferences of Desjardins Group members and clients, and the application of policies on structural interest rate risk management.

Some Consolidated Balance Sheet items are considered non-interest-rate-sensitive instruments, including investments in equities, non-performing loans, non-interest-bearing deposits, non-maturity deposits with an interest rate not referenced to a specific rate (such as the prime rate), and equity. As dictated in its policies, Desjardins Group’s management practices are based on prudent assumptions with respect to the maturity profile used in its models to determine the interest rate sensitivity of such instruments.

In addition to the total sensitivity gap, the main structural interest rate risk factors are:
- the trend in interest rate level and volatility;
- the changes in the shape of the interest rate curve;
- member and client behaviour in their choice of products;
- the financial intermediation margin;
- the optionality of the various financial products offered.

In order to mitigate these risk factors, sound and prudent management is applied to optimize net interest income while reducing the negative incidence of interest rate movements. The established policies describe the principles, limits and procedures that apply to structural interest rate risk management. Simulations are used to measure the effect of different variables on changes in net interest income and the economic value of equity. These policies specify the structural interest rate risk factors, the risk measures selected, the risk tolerance levels and the management limits as well as the procedures in the event that limits are exceeded. Structural interest rate risk is assessed at the required frequency according to portfolio volatility (daily, monthly and quarterly).

The assumptions used in the stress testing are based on an analysis of historical data and on the effects of various interest rate environments on changes in such data. These assumptions concern changes in the structure of assets and liabilities, including modelling for non-maturity deposits and equity, in member and client behaviour, and in pricing. Desjardins Group’s Asset/Liability Committee (ALCO) is responsible for analyzing and approving the global matching strategy on a monthly basis while respecting the parameters defined in structural interest rate risk management policies. In the current context of the COVID-19 pandemic, the situation is still under control because the portfolios are well matched.

The table below presents the potential impact before income taxes, with regard to structural interest rate risk management associated with banking activities, of a sudden and sustained 25 / 100-basis-point increase or decrease in interest rates on net interest income and the economic value of equity for the Federation. The impact related to insurance activities is presented in note 1 of this table.

Interest rate sensitivity (before income taxes)[(1)]

(in millions of dollars)	**As at June 30, 2020**		As at March 31, 2020		As at June 30, 2019	
	Net interest income[(2)]	**Economic value of equity[(3)]**	Net interest income[(2)]	Economic value of equity[(3)]	Net interest income[(2)]	Economic value of equity[(3)]
Impact of a 100-basis-point increase in interest rates	**$ (50)**	**$ (34)**	$ (35)	$ 8	$ (50)	$ 16
Impact of a 25 / 100-basis-point decrease in interest rates[(4)]	**9**	**4**	44	(9)	51	(16)

[(1)] Interest rate sensitivity related to insurance activities is not reflected in the amounts above. For these activities, a 100-basis-point increase in interest rates would result in a $168 million decrease in the economic value of equity before taxes as at June 30, 2020, and in a $124 million and $230 million decrease as at March 31, 2020 and June 30, 2019, respectively. A 100-basis-point decrease in interest rates would result in a $311 million increase in the economic value of equity before taxes as at June 30, 2020, and in a $165 million and $237 million increase as at March 31, 2020 and June 30, 2019, respectively.
[(2)] Represents the interest rate sensitivity of net interest income for the next 12 months.
[(3)] Represents the sensitivity of the present value of assets, liabilities and off-balance sheet instruments.
[(4)] The results of the impact of a decrease in interest rates take into consideration the use of a floor to avoid negative interest rates. In addition, given the current environment where interest rates are low, the impact of a decrease in interest rates has been calculated using a decrease of 25 basis points as at June 30, 2020, compared to 100 basis points as at March 31, 2020 and June 30, 2019.

Foreign exchange risk management

Foreign exchange risk arises when the actual or expected value of assets denominated in a foreign currency is higher or lower than that of liabilities denominated in the same currency.

In certain specific situations, Desjardins Group and its components may become exposed to foreign exchange risk, particularly with respect to the U.S. dollar and the euro. This exposure mainly arises from their intermediation activities with members and clients, and their financing and investment activities. A Desjardins Group policy on market risk has set foreign exchange risk exposure limits, which are monitored by the Risk Management Executive Division. To ensure that this risk is properly controlled, Desjardins Group and its components also use, among other things, derivative financial instruments such as foreign exchange forward contracts and currency swaps. Desjardins Group's residual exposure to this risk is low because it reduces its foreign exchange risk by using derivative financial instruments.

LIQUIDITY RISK

Liquidity risk refers to Desjardins Group's capacity to raise the necessary funds (by increasing liabilities or converting assets) to meet a financial obligation, whether or not it appears on the Consolidated Balance Sheets.

Desjardins Group manages liquidity risk in order to ensure that it has timely and cost-effective access to the funds needed to meet its financial obligations as they become due, in both routine and crisis situations. Managing this risk involves maintaining a sufficient level of liquid securities, ensuring stable and diversified sources of funding, monitoring indicators and having a contingency plan in the event of a liquidity crisis.

Liquidity risk management is a key component of the overall risk management strategy. Desjardins Group has established policies describing the principles, limits, risk appetite thresholds as well as the procedures that apply to liquidity risk management. These policies are reviewed on a regular basis to ensure that they are appropriate for the operating environment and prevailing market conditions. They are also updated to reflect regulatory requirements and sound liquidity risk management practices. Given that the insurance companies are subject to specific regulatory requirements, they manage their liquidity risks based on their own needs while following Desjardins Group guidelines. The securities held by these components are not taken into account in the valuation of Desjardins Group's liquidity reserves.

Desjardins Group's Treasury ensures stable and diversified sources of institutional funding by type, source and maturity. It uses a wide range of financial products and borrowing programs on various markets for its funding needs. Through these operations, the funding needs of Desjardins Group components can be satisfied under conditions comparable to those offered on capital markets.

Furthermore, Desjardins Group issues covered bonds and securitizes CHMC-insured loans in the course of its normal operations. Desjardins Group is also eligible for the Bank of Canada's various intervention programs and loan facilities for Emergency Lending Assistance advances.

The implementation of Basel III strengthens international minimum liquidity requirements through the application of a liquidity coverage ratio (LCR), a net stable funding ratio (NSFR) and the use of Net Cumulative Cash Flow (NCCF). Under its liquidity risk management policy, Desjardins Group already produces these two ratios as well as the NCCF, and reports them on a regular basis to the AMF. It should be noted that since January 2020, Desjardins Group has adopted the regulatory requirements concerning the NSFR. Desjardins Group's NSFR was above the minimum regulatory level as at June 30, 2020.

In the current context of the COVID-19 pandemic, the Government of Canada has set up exceptional liquidity programs to facilitate access to funding for financial institutions. Additional information on Government of Canada programs is presented under "Sources of funding" in this section. Desjardins Group has used these programs to maintain adequate liquidity in order to deal with this unprecedented situation. Desjardins Group's average LCR was 166.7% for the quarter ended June 30, 2020, compared to 125.0% for the previous quarter. The average ratio for the second quarter rose to a very high level as a result of the use of the aforementioned programs and the increase in deposits. The AMF requires that in the absence of stressed conditions, the ratio be greater than or equal to the minimum requirement of 100%. However, in order to promote the effective circulation of liquidity during the COVID-19 pandemic crisis, the AMF could exceptionally accept levels this one time that are lower than the minimum requirements. Desjardins Group does not expect its regulatory ratio to fall below the regulatory limit. This ratio is proactively managed by Desjardins Group's Treasury, and an appropriate level of high-quality liquid assets is maintained for adequate coverage of the theoretical cash outflows associated with the standardized crisis scenario within the Basel III framework. Desjardins Group's main sources of theoretical cash outflows are a potential serious run on deposits by members of Desjardins caisses and a sudden drying-up of the short-term institutional funding sources used on a day-to-day basis by Desjardins Group.

Liquidity risk measurement and monitoring

Desjardins Group determines its liquidity needs by reviewing its current operations and evaluating its future forecasts for balance sheet growth and institutional funding conditions. Various analyses are used to determine the actual liquidity levels of assets and the stability of liabilities based on observed behaviours or contractual maturities. Maintaining liquidity reserves of high-quality assets is required to offset potential cash outflows following a disruption in capital markets, or events that would restrict its access to funding or result in a serious run on deposits.

The minimum liquid asset levels to be maintained by Desjardins Group are specifically prescribed by policies. Daily management of these securities and the reserve level to be maintained is centralized at Desjardins Group Treasury and is subject to monitoring by the Risk Management function under the supervision of the Finance and Risk Management Committee. Securities eligible for liquidity reserves must meet high security and negotiability criteria and provide assurance of their adequacy in the event of a severe liquidity crisis. The securities held are largely Canadian government securities.

In addition to complying with regulatory ratios, a Desjardins-wide stress-testing program has been set up. This program incorporates the concepts put forward by the Basel Committee on Banking Supervision in "Basel III: International Framework for Liquidity Risk Measurement, Standards and Monitoring". The scenarios, based on a downgrade of Desjardins Group combined with a shock on capital markets, make it possible to:

- measure the extent, over a one-year period, of potential cash outflows in a crisis situation;
- implement liquidity ratios and levels to be maintained across Desjardins Group;
- assess the potential marginal cost of such events, depending on the type, severity and level of the crisis.

The calculations are performed daily to ensure compliance with the liquidity levels to be maintained based on acute stress scenarios.

Sources of funding

Core funding, which includes capital, long-term liabilities and a diversified deposit portfolio, is the foundation upon which the Federation's liquidity position depends. The solid base of deposits from member caisses combined with wholesale funding, diversified in terms of both the programs used as well as the staggering of contractual maturities, allows it to maintain high regulatory liquidity ratios while ensuring their stability. Total deposits, including wholesale funding, presented on the Consolidated Balance Sheets amounted to $74.9 billion as at June 30, 2020, up $15.9 billion since December 31, 2019. Additional information on deposits is presented in the "Balance sheet management" section.

Funding programs and strategies

As Desjardins Group's Treasurer, the Federation meets the needs of the organization's members and clients. Its first priority is to implement appropriate strategies to identify, measure and manage risks, and these strategies are regulated by policies. In the first six months of 2020, the Federation succeeded in maintaining a liquidity level sufficient to meet Desjardins Group's needs through its strict treasury policy, solid institutional financing and the contribution of the caisse network. Short-term wholesale funding is used to finance very liquid assets while long-term wholesale funding is mainly used to finance less liquid assets and to support reserves of liquid assets.

In order to secure long-term funding at the lowest cost on the market, the Federation maintains an active presence in the federally-guaranteed mortgage loan securitization market under the *National Housing Act* (NHA) Mortgage-Backed Securities Program. In addition, to ensure stable funding, it diversifies its sources from institutional markets. It therefore resorts to the capital markets when conditions are favourable, and makes public and private issues of term notes on Canadian, U.S. and European markets, as required.

The main programs currently used by the Federation are as follows:

Main financing programs
As at June 30, 2020

	Maximum authorized amount
Medium-term notes (Canadian)	**$10 billion**
Covered bonds (multi-currency)[1]	**$26 billion**
Short-term notes (European)	**€3 billion**
Short-term notes (U.S.)	**US$15 billion**
Medium-term and subordinated notes (multi-currency)	**€7 billion**
NVCC subordinated notes (Canadian)	**$3 billion**

[1] The maximum authorized amount under the covered bond program was increased from $14 billion to $26 billion following the increase in the prudential limit for covered bond issues by the AMF on March 31, 2020. This temporary easing is granted for at least a year and could be extended beyond that, if necessary.

The following table presents the remaining terms to maturity of wholesale funding.

Remaining contractual term to maturity of wholesale funding

(in millions of dollars)	As at June 30, 2020								As at December 31, 2019
	Less than 1 month	1 to 3 months	3 to 6 months	6 to 12 months	Total – Less than 1 year	1 to 2 years	Over 2 years	Total	Total
Bearer discount notes	$ 1,643	$ 933	$ 5	$ 6	$ 2,587	$ -	$ -	$ 2,587	$ 2,250
Commercial paper	6,750	3,684	542	-	10,976	-	-	10,976	13,058
Medium-term notes	-	365	3,055	-	3,420	2,523	4,000	9,943	11,171
Mortgage loan securitization	-	217	357	593	1,167	1,531	8,971	11,669	10,423
Covered bonds	-	-	1,525	3,873	5,398	-	4,398	9,796	5,655
Subordinated notes	-	-	-	-	-	-	1,451	1,451	1,398
Total	$ 8,393	$ 5,199	$ 5,484	$ 4,472	$ 23,548	$ 4,054	$ 18,820	$ 46,422	$ 43,955
Including:									
Secured	$ -	$ 217	$ 1,882	$ 4,466	$ 6,565	$ 1,531	$ 14,820	$ 22,916	$ 17,476
Unsecured	8,393	4,982	3,602	6	16,983	2,523	4,000	23,506	26,479

The Federation's total wholesale funding presented in the table above was carried out by the Federation, except for the subordinated notes, which were issued by Desjardins Capital Inc. Total wholesale funding was up $2.5 billion compared to December 31, 2019, mainly because of an increase in covered bonds.

In addition, the Federation diversifies its funding sources in order to limit its reliance on a single currency. The "Wholesale funding by currency" table presents a breakdown of borrowings on markets and subordinated notes by currency. These funds are obtained primarily through short- and medium-term notes, mortgage loan securitization, covered bonds and subordinated notes.

Wholesale funding by currency

(in millions of dollars and as a percentage)	As at June 30, 2020		As at December 31, 2019	
Canadian dollars	**$ 24,109**	**51.9%**	$ 20,276	46.1%
U.S. dollars	**15,178**	**32.7**	16,708	38.0
Other	**7,135**	**15.4**	6,971	15.9
	$ 46,422	**100.0%**	$ 43,955	100.0%

Moreover, the Federation participated in new issues under the NHA Mortgage-Backed Securities Program for a total amount of $1.4 billion in the first six months of 2020. During the same period, the Federation also made one issue for a total of US$1.0 billion, subject to the bail-in regime, under its multi-currency medium-term notes program. On May 26, 2020, the Federation issued notes qualifying as Non-Viability Contingent Capital (NVCC) for $1.0 billion under its Canadian NVCC Subordinated Notes Program.

Outstanding notes issued under the Federation's medium-term financing programs amounted to $31.4 billion as at June 30, 2020, compared to $27.2 billion as at December 31, 2019. The outstanding notes for these issues are presented under "Deposits – Business and government" in the Consolidated Balance Sheets. Desjardins Capital Inc.'s senior notes outstanding totalled $0.5 billion as at June 30, 2020, compared to $1.4 billion as at December 31, 2019.

During the COVID-19 pandemic, the Government of Canada, through the Bank of Canada and CMHC, has rolled out various funding initiatives with the aim of supporting the Canadian financial system by preserving a source of business financing. Like the Canadian banks, Desjardins Group made use of these programs for $14.5 billion as at June 30, 2020. These additional sources of funding allow Desjardins Group to maintain adequate liquidity levels to deal with the impacts related to this pandemic.

Among other things, under the Insured Mortgage Purchase Program (IMPP) implemented by CMHC, the Federation sold NHA mortgage-backed securities for $0.5 billion to CMHC. Under this program, the Government of Canada may purchase up to $150 billion of NHA-insured mortgage pools from financial institutions through CMHC. Furthermore, on March 30, 2020, the Federation launched an issue of own-name covered bonds (self-held) in the amount of $2.5 billion, in order to participate in the Bank of Canada's Term Repos program. The total amount of these covered bonds was pledged as collateral to the Bank of Canada under the program on March 31, with settlement on April 2, 2020.

On April 14, 2020, the Federation also issued own-name covered bonds (self-held) in the amount of $1.5 billion, for purposes of participating in the Bank of Canada's Term Repos program. The total amount of these covered bonds was pledged as collateral to the Bank of Canada under the said program on April 15 and 20, 2020.

On April 23, 2020, just like the Canadian banks, Desjardins Group also had access to the Standing Term Liquidity Facility that the Bank of Canada set up to support the liquidity of the financial system. Under the terms of this facility, eligible financial institutions can borrow from the Bank by giving as collateral a large pool of securities. In this way, they are better able to finance new loans.

These initiatives are included in the Federation's total participation in the Bank of Canada's and CMHC's initiatives for $14.5 billion.

Overall, these transactions made it possible to adequately meet the liquidity needs of Desjardins Group, to better diversify its sources of funding and to further extend the average term.

Credit ratings of securities issued and outstanding

Desjardins Group's credit ratings affect its ability to access sources of funding on capital markets, as well as the conditions of such funding. They are also a factor considered in certain Desjardins Group transactions involving counterparties.

Rating agencies assign credit ratings and related ratings outlooks based on their own proprietary methodology, which includes a number of analytical criteria, including factors that are not under Desjardins Group's control. The rating agencies evaluate Desjardins Group primarily on a combined basis and recognize its capitalization, its consistent financial performance, its significant market shares in Québec and the quality of its assets. Consequently, the credit ratings of the Federation, a reporting issuer, and of Desjardins Capital Inc., a venture issuer, are backed by Desjardins Group's financial strength.

The Federation and Desjardins Capital Inc. have first-class credit ratings that are among the best of the major Canadian and international banking institutions.

In recent months, some rating agencies have acted on Desjardins Group's instruments:

- On April 3, 2020, as a result of disruptions in economic activity and capital markets during the COVID-19 pandemic, Fitch revised the outlook assigned to the ratings of Desjardins Group and of the major Canadian banks from stable to negative. Furthermore, in relation to the announcement concerning the update of its methodology for the banking and non-banking industry, Fitch announced that it was upgrading the rating for existing senior debt (excluded from the bail-in regime applicable to Desjardins Group) from AA- to AA, affirming the senior debt rating at AA- and downgrading the rating from A+ to A for the Federation's NVCC (Non-Viability Contingent Capital) subordinated notes. In addition, Fitch also downgraded the rating for Desjardins Capital's senior debt from A+ to A.

- On June 9, 2020, Moody's upgraded the outlook for Desjardins Group from negative to stable. This change reflects Moody's assessment that Desjardins Group reduced its reliance on wholesale funding but it is also due to Desjardins's geographic footprint in the province of Québec, where consumers have, on average, lower levels of indebtedness compared to those of other Canadian provinces, as well as Desjardins's minimal exposure to the energy sector in Canada. As a result, Moody's believes that the Desjardins loan portfolio is less vulnerable to the COVID-19 pandemic in comparison to the Canadian banks' portfolios.

- On July 16, DBRS affirmed Desjardins Group's credit ratings and its stable outlook. DBRS' affirmed ratings and outlook reflect both Desjardins Group's strength, its market shares in residential mortgages and savings as well as its competitive advantage over other financial institutions given its diversified business model.

- During May 2020, following Desjardins Group's first issue of NVCC subordinated notes, DBRS, Fitch, Moody's and S&P affirmed their credit ratings of this new instrument at A (low), A, A2 and BBB+, respectively.

As at the date of this MD&A, the outlooks assigned to Desjardins Group by DBRS, Moody's and S&P are stable, while the outlook assigned by Fitch is negative for the reasons previously explained.

The various credit ratings assigned to the instruments of Desjardins Group and Desjardins Capital Inc. are listed in the table below.

Credit ratings of securities issued and outstanding

	DBRS	FITCH	MOODY'S	STANDARD & POOR'S
Fédération des caisses Desjardins du Québec				
Short-term debt	**R-1 (high)**	**F1+**	**P-1**	**A-1**
Medium- and long-term debt, existing senior(1)	**AA**	**AA**	**Aa2**	**A+**
Medium- and long-term debt, senior(2)	**AA (low)**	**AA-**	**A2**	**A-**
NVCC subordinated notes	**A (low)**	**A**	**A2**	**BBB+**
Covered bonds	**-**	**AAA**	**Aaa**	**-**
Desjardins Capital Inc.				
Medium- and long-term debt, senior	**A (high)**	**A**	**A2**	**A**

(1) Includes senior medium- and long-term debt issued before March 31, 2019, as well as senior medium- and long-term debt issued on or after this date and which is excluded from the recapitalization (bail-in) regime applicable to Desjardins Group.
(2) Includes senior medium- and long-term debt issued on or after March 31, 2019, which can be converted under the recapitalization (bail-in) regime applicable to Desjardins Group.

Desjardins Group regularly monitors the additional level of obligations that its counterparties would require in the event of a credit rating downgrade for the Federation and Desjardins Capital Inc. This monitoring enables Desjardins Group to assess the impact of such a downgrade on its funding capabilities and its ability to perform transactions in the normal course of its operations as well as ensure that it has the additional liquid assets and collateral necessary to meet its obligations. Currently, Desjardins Group is not obliged to provide additional collateral in the event of its credit rating being lowered three notches by one or more credit rating agencies.

Contractual maturities of on-balance sheet items and off-balance sheet commitments

The following table presents assets and liabilities recorded on the Consolidated Balance Sheets and off-balance sheet commitments at their carrying amount and classified according to their residual contractual maturities. The classification of maturities is an information source for liquidity and financing risk, but it differs from the analysis performed by the Federation to determine the expected maturity of the items for liquidity risk management purposes. Many factors other than contractual maturity are taken into consideration to measure expected future cash flows and liquidity risk.

The value of the credit commitments presented in this table represents the maximum amount of additional credit that the Federation could be required to grant if the commitments were fully used. The value of guarantees and standby letters of credit amounts to the maximum cash outflows that the Federation could be required to make in the event of complete default of the parties to the guarantees, without taking any possible recovery into account. These commitments and guarantees do not necessarily represent future liquidity needs because a large portion of these instruments will expire or be cancelled without giving rise to any cash outflows.

Note 16, "Insurance contract liabilities", to the Annual Consolidated Financial Statements provides additional information on the contractual maturities of actuarial liabilities and provisions for claims and adjustment expenses.

Residual contractual maturities of on-balance sheet items and off-balance sheet commitments
As at June 30, 2020

(in millions of dollars)	Less than 1 month	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	1 to 2 years	2 to 5 years	Over 5 years	No stated maturity	Total
Assets										
Cash and deposits with financial institutions	$ 13,017	$ 808	$ -	$ -	$ -	$ -	$ -	$ -	$ (68)	$ 13,757
Securities										
Securities at fair value through profit or loss[1]	249	378	1,072	289	785	1,883	5,316	19,940	4,478	34,390
Securities at fair value through other comprehensive income[1]	616	738	2,218	300	406	4,180	11,319	11,680	58	31,515
Securities at amortized cost	120	79	169	227	-	1	3	28	(1)	626
Securities borrowed or purchased under reverse repurchase agreements	11,324	95	1,218	254	155	-	-	-	-	13,046
Loans										
Residential mortgages[2]	41	85	150	135	188	994	1,282	1,322	32	4,229
Consumer, credit card and other personal loans[2]	13	42	116	170	247	1,279	5,367	5,165	7,005	19,404
Business and government[2]	7,905	1,895	1,243	1,584	1,513	6,265	10,221	1,726	2,123	34,475
Allowance for credit losses	-	-	-	-	-	-	-	-	(578)	(578)
Segregated fund net assets	-	-	-	-	-	-	-	-	17,198	17,198
Clients' liability under acceptances	208	-	-	-	-	-	-	-	-	208
Premiums receivable	201	76	15	3	-	-	-	-	2,448	2,743
Derivative financial instruments	178	198	470	219	315	992	4,080	796	-	7,248
Amounts receivable from clients, brokers and financial institutions	3,630	1	-	-	-	-	-	-	52	3,683
Reinsurance assets	49	93	96	81	74	215	417	1,049	-	2,074
Right-of-use assets	-	-	-	-	-	-	-	-	297	297
Investment property	-	-	-	-	-	-	-	-	929	929
Property, plant and equipment	-	-	-	-	-	-	-	-	846	846
Goodwill	-	-	-	-	-	-	-	-	121	121
Intangible assets	-	-	-	-	-	-	-	-	398	398
Investments in companies accounted for using the equity method	-	-	-	-	-	-	-	-	1,146	1,146
Deferred tax assets	-	-	-	-	-	-	-	-	1,026	1,026
Other assets	427	149	90	6	9	14	35	5	1,389	2,124
Total assets	$ 37,978	$ 4,637	$ 6,857	$ 3,268	$ 3,692	$ 15,823	$ 38,040	$ 41,711	$ 38,899	$ 190,905

See page 47 for footnotes.

Residual contractual maturities of on-balance sheet items and off-balance sheet commitments (continued)
As at June 30, 2020

(in millions of dollars)	Less than 1 month	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	1 to 2 years	2 to 5 years	Over 5 years	No stated maturity	Total
Liabilities and equity										
Deposits										
Individuals(3)	$ 23	$ 23	$ 43	$ 43	$ 42	$ 127	$ 277	$ 129	$ 3,360	$ 4,067
Business and government(3)	9,158	5,226	5,507	937	3,556	4,088	14,204	3,749	9,813	56,238
Deposit-taking institutions(3)	90	968	1,401	292	346	919	2,057	61	8,482	14,616
Acceptances	208	-	-	-	-	-	-	-	-	208
Commitments related to securities sold short(4)	111	11	255	18	20	58	1,356	4,173	20	6,022
Commitments related to securities lent or sold under repurchase agreements	10,841	2,002	768	1,241	3,092	1,499	-	-	-	19,443
Derivative financial instruments	129	163	214	201	340	1,027	3,812	202	-	6,088
Amounts payable to clients, brokers and financial institutions	4,503	1	1	-	-	-	-	-	3,238	7,743
Lease liabilities	3	5	7	7	7	29	82	201	8	349
Insurance contract liabilities	500	907	1,045	943	882	2,176	4,799	20,399	2,861	34,512
Segregated fund net liabilities	-	-	-	-	-	-	-	-	17,184	17,184
Net defined benefit plan liabilities	-	-	-	-	-	-	-	-	1,977	1,977
Deferred tax liabilities	-	-	-	-	-	-	-	-	250	250
Other liabilities	2,135	261	54	190	49	65	92	41	2,127	5,014
Subordinated notes	-	-	-	-	-	-	997	454	-	1,451
Total equity	-	-	-	-	-	-	-	-	15,743	15,743
Total liabilities and equity	$ 27,701	$ 9,567	$ 9,295	$ 3,872	$ 8,334	$ 9,988	$ 27,676	$ 29,409	$ 65,063	$ 190,905
Off-balance sheet commitments										
Credit commitments(5)	$ 1,408	$ 471	$ 396	$ 502	$ 866	$ 2,802	$ 7,727	$ 294	$ 56,217	$ 70,683
Indemnification commitments related to securities lending	-	-	-	-	-	-	-	-	1,906	1,906
Documentary letters of credit	-	-	-	6	-	-	1	-	-	7
Guarantees and standby letters of credit	134	84	152	111	146	6	10	6	43	692
Credit default swaps	-	-	-	-	-	-	692	65	-	757

See page 47 for footnotes.

Residual contractual maturities of on-balance sheet items and off-balance sheet commitments (continued)

As at December 31, 2019

(in millions of dollars)	Less than 1 month	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	1 to 2 years	2 to 5 years	Over 5 years	No stated maturity	Total
Assets										
Cash and deposits with financial institutions	$ 2,637	$ 428	$ 10	$ -	$ -	$ -	$ -	$ -	$ 9	$ 3,084
Securities										
Securities at fair value through profit or loss[1]	18	442	1,068	296	1,014	1,650	6,395	19,452	4,832	35,167
Securities at fair value through other comprehensive income[1]	353	330	379	255	185	1,479	6,715	2,895	59	12,650
Securities at amortized cost	567	468	263	166	113	1	4	34	-	1,616
Securities borrowed or purchased under reverse repurchase agreements	11,070	282	-	-	-	-	-	-	-	11,352
Loans										
Residential mortgages[2]	66	47	132	154	155	652	1,706	1,261	10	4,183
Consumer, credit card and other personal loans[2]	16	43	130	188	287	1,331	5,481	5,235	7,856	20,567
Business and government[2]	8,071	2,137	2,339	1,144	1,107	5,748	11,327	1,767	7,187	40,827
Allowance for credit losses	-	-	-	-	-	-	-	-	(464)	(464)
Segregated fund net assets	-	-	-	-	-	-	-	-	17,026	17,026
Clients' liability under acceptances	368	12	-	-	-	-	-	-	-	380
Premiums receivable	195	73	15	3	-	-	-	-	2,403	2,689
Derivative financial instruments	129	143	255	178	316	1,037	2,492	245	-	4,795
Amounts receivable from clients, brokers and financial institutions	2,142	3	-	-	-	-	-	-	94	2,239
Reinsurance assets	37	70	82	70	65	174	380	1,002	121	2,001
Right-of-use assets	-	-	-	-	-	-	-	-	298	298
Investment property	-	-	-	-	-	-	-	-	944	944
Property, plant and equipment	-	-	-	-	-	-	-	-	840	840
Goodwill	-	-	-	-	-	-	-	-	121	121
Intangible assets	-	-	-	-	-	-	-	-	381	381
Investments in companies accounted for using the equity method	-	-	-	-	-	-	-	-	1,034	1,034
Deferred tax assets	-	-	-	-	-	-	-	-	1,015	1,015
Other assets	271	84	74	5	10	24	57	7	1,136	1,668
Total assets	$ 25,940	$ 4,562	$ 4,747	$ 2,459	$ 3,252	$ 12,096	$ 34,557	$ 31,898	$ 44,902	$ 164,413

See page 47 for footnotes.

Residual contractual maturities of on-balance sheet items and off-balance sheet commitments (continued)

As at December 31, 2019

(in millions of dollars)	Less than 1 month	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	1 to 2 years	2 to 5 years	Over 5 years	No stated maturity	Total
Liabilities and equity										
Deposits										
Individuals[3]	$ 41	$ 26	$ 33	$ 28	$ 44	$ 102	$ 211	$ 62	$ 3,168	$ 3,715
Business and government[3]	7,260	5,656	3,591	3,153	4,867	2,731	12,520	3,311	5,835	48,924
Deposit-taking institutions[3]	152	98	257	173	204	819	2,029	5	2,596	6,333
Acceptances	368	12	-	-	-	-	-	-	-	380
Commitments related to securities sold short[4]	495	201	171	9	7	196	1,866	7,668	2	10,615
Commitments related to securities lent or sold under repurchase agreements	10,562	-	-	-	-	-	-	-	-	10,562
Derivative financial instruments	152	198	307	218	238	1,067	2,506	141	-	4,827
Amounts payable to clients, brokers and financial institutions	2,695	-	-	-	-	-	-	-	2,857	5,552
Lease liabilities	3	4	7	7	7	26	78	210	8	350
Insurance contract liabilities	442	792	980	858	798	1,931	4,492	18,520	2,824	31,637
Segregated fund net liabilities	-	-	-	-	-	-	-	-	17,002	17,002
Net defined benefit plan liabilities	-	-	-	-	-	-	-	-	1,956	1,956
Deferred tax liabilities	-	-	-	-	-	-	-	-	277	277
Other liabilities	2,225	423	417	25	25	45	110	44	2,059	5,373
Subordinated notes	-	-	899	-	-	-	-	499	-	1,398
Total equity	-	-	-	-	-	-	-	-	15,512	15,512
Total liabilities and equity	$ 24,395	$ 7,410	$ 6,662	$ 4,471	$ 6,190	$ 6,917	$ 23,812	$ 30,460	$ 54,096	$ 164,413
Off-balance sheet commitments										
Credit commitments[5]	$ 966	$ 50	$ 395	$ 335	$ 549	$ 3,566	$ 7,977	$ 513	$ 53,139	$ 67,490
Indemnification commitments related to securities lending	-	-	-	-	-	-	-	-	1,985	1,985
Documentary letters of credit	-	-	-	-	-	6	-	-	-	6
Guarantees and standby letters of credit	25	129	52	225	147	6	9	38	86	717
Credit default swaps	-	-	-	-	-	-	195	-	-	195

(1) Equity securities are classified under “No stated maturity”.
(2) Amounts repayable on demand are classified under “No stated maturity”.
(3) Deposits payable on demand or after notice are considered as having “No stated maturity”.
(4) Amounts are presented by remaining contractual maturity of the underlying security.
(5) Includes personal lines of credit, lines of credit secured by real or immovable property and credit card lines for which the amounts committed are unconditionally revocable at any time at the Federation’s discretion.

ADDITIONAL INFORMATION RELATED TO CERTAIN RISK EXPOSURES

The tables below provide details about more complex financial instruments that carry a higher risk.

Asset-backed securities

(in millions of dollars)	As at June 30, 2020		As at December 31, 2019	
	Notional amounts	**Fair value**	Notional amounts	Fair value
Financial asset-backed and mortgage-backed securities[1]	**$ 114**	**$ 113**	$ 135	$ 135

[1] None of the securities held is directly backed by subprime residential mortgage loans. These securities are presented under "Securities at fair value through profit or loss" and "Securities at fair value through other comprehensive income" on the Consolidated Balance Sheets.

Leveraged finance loans and subprime loans

(in millions of dollars)	As at June 30, 2020	As at December 31, 2019
Leveraged finance loans[1]	**$ 594**	$ 370
Alt-A mortgage loans[2]	**15**	15
Subprime residential mortgage loans[3]	**4**	4

[1] Leveraged finance loans are defined as loans to large corporations and finance companies whose credit rating is between BB+ and D, and whose level of indebtedness is very high compared to other companies in the same industry.
[2] Alt-A mortgage loans are defined as loans to borrowers with non-standard income documentation. These loans are presented in the Consolidated Balance Sheets under "Loans – Residential mortgages" and are measured at amortized cost.
[3] Subprime residential mortgage loans are defined as loans to borrowers with a high credit risk profile. Subprime residential mortgages are recorded in the Consolidated Balance Sheets under "Loans – Residential mortgages" and are measured at amortized cost.

ADDITIONAL INFORMATION

CONTROLS AND PROCEDURES

During the interim period ended June 30, 2020, the Federation did not make any changes to its policies, procedures and other processes with regard to internal control that had materially affected, or may materially affect, its internal control over financial reporting. The parties involved and their responsibilities regarding such internal control are described on pages 79 and 80 of the 2019 annual MD&A.

RELATED PARTY DISCLOSURES

In the normal course of operations, the Federation offers financial services to related parties, including its associates, joint ventures and other related companies, and enters into agreements for operating services with them. It also pays its key management personnel compensation under normal market conditions. The Federation carries out transactions with other Desjardins Group entities, which are primarily caisses.

Furthermore, the Federation provides its financial products and services, under normal market conditions, to its directors, its key management personnel and the persons related to them.

The Federation has set up a process to obtain assurance that all transactions with its officers and the persons related to them have been carried out as arm's length transactions and in compliance with the legislative framework for its various components. These policies and procedures have not changed significantly since December 31, 2019.

Additional information on related party transactions is provided in Note 31, "Related party disclosures", to the Annual Consolidated Financial Statements.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

A description of the accounting policies used by the Federation is essential to understanding the Annual and Interim Consolidated Financial Statements. The significant accounting policies are described in Note 2, "Basis of presentation and significant accounting policies", to the Federation's Annual Consolidated Financial Statements on pages 101 to 119 of the 2019 Annual Report.

Some of these policies are of particular importance in presenting the Federation's financial position and operating results because they require management to make judgments as well as estimates and assumptions that affect the reported amounts of some assets, liabilities, income and expenses, as well as related information. Explanations of the significant accounting policies that have required management to make difficult, subjective or complex judgments, often about matters that are inherently uncertain, are provided on pages 80 to 86 of the 2019 annual MD&A. For the six-month period ended June 30, 2020, these significant accounting policies are the same as at December 31, 2019. However, the COVID-19 pandemic situation has resulted in new sources of uncertainty affecting the judgments as well as the estimates and assumptions made by management in applying these accounting policies for the six-month period ended June 30, 2020. This concerns in particular the impairment of securities designated for the overlay approach, the loss allowance for expected credit losses and the derecognition of financial assets.

Impairment of securities designated for the overlay approach

Securities designated for the overlay approach were examined as at the reporting date to determine whether there was any objective evidence that they were impaired, and the Federation did not record any impairment losses.

Loss allowance for expected credit losses

For more information about the significant judgments made to estimate the loss allowance for expected credit losses, see Note 5, “Loans and allowance for credit losses” to the Interim Consolidated Financial Statements.

Derecognition of financial assets

Participation in the Government of Canada’s Canada Emergency Business Account (CEBA) and the Business Credit Availability Program (BCAP) was assessed to determine if the derecognition criteria for financial assets had been met. For more information, see Note 5, “Loans and allowance for credit losses” to the Interim Consolidated Financial Statements.

FUTURE ACCOUNTING CHANGES

Accounting standards issued by the IASB but not yet effective as at December 31, 2019 are described in Note 2, “Basis of presentation and significant accounting policies”, to the Federation’s Annual Consolidated Financial Statements, on page 120 of the 2019 Annual Report. Since then, the IASB has issued the amendments indicated below.

IFRS 17, “Insurance Contracts”

In June 2020, the IASB issued amendments to IFRS 17, including the two-year deferral of the initial effective date of IFRS 17 to annual reporting periods beginning on or after January 1, 2023. The Federation is currently assessing the impact of the adoption of the amendments to be applied to annual reporting periods beginning on or after January 1, 2023.

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Consolidated Balance Sheets

(unaudited)

(in millions of Canadian dollars)	Notes	As at June 30, 2020	As at December 31, 2019
ASSETS			
Cash and deposits with financial institutions		**$ 13,757**	$ 3,084
Securities			
Securities at fair value through profit or loss		**34,390**	35,167
Securities at fair value through other comprehensive income		**31,515**	12,650
Securities at amortized cost		**626**	1,616
		66,531	49,433
Securities borrowed or purchased under reverse repurchase agreements		**13,046**	11,352
Loans	5		
Residential mortgages		**4,229**	4,183
Consumer, credit card and other personal loans		**19,404**	20,567
Business and government		**34,475**	40,827
		58,108	65,577
Allowance for credit losses	5	**(578)**	(464)
		57,530	65,113
Segregated fund net assets		**17,198**	17,026
Other assets			
Clients' liability under acceptances		**208**	380
Premiums receivable		**2,743**	2,689
Derivative financial instruments		**7,248**	4,795
Amounts receivable from clients, brokers and financial institutions		**3,683**	2,239
Reinsurance assets		**2,074**	2,001
Right-of-use assets		**297**	298
Investment property		**929**	944
Property, plant and equipment		**846**	840
Goodwill		**121**	121
Intangible assets		**398**	381
Investments in companies accounted for using the equity method		**1,146**	1,034
Deferred tax assets		**1,026**	1,015
Other		**2,124**	1,668
		22,843	18,405
TOTAL ASSETS		**$ 190,905**	$ 164,413
LIABILITIES AND EQUITY			
LIABILITIES			
Deposits	7		
Individuals		**$ 4,067**	$ 3,715
Business and government		**56,238**	48,924
Deposit-taking institutions		**14,616**	6,333
		74,921	58,972
Other liabilities			
Acceptances		**208**	380
Commitments related to securities sold short		**6,022**	10,615
Commitments related to securities lent or sold under repurchase agreements		**19,443**	10,562
Derivative financial instruments		**6,088**	4,827
Amounts payable to clients, brokers and financial institutions		**7,743**	5,552
Lease liabilities		**349**	350
Insurance contract liabilities		**34,512**	31,637
Segregated fund net liabilities		**17,184**	17,002
Net defined benefit plan liabilities		**1,977**	1,956
Deferred tax liabilities		**250**	277
Other		**5,014**	5,373
		98,790	88,531
Subordinated notes	8	**1,451**	1,398
TOTAL LIABILITIES		**175,162**	148,901
EQUITY			
Capital stock		**8,884**	8,884
Undistributed surplus earnings		**4,984**	5,276
Accumulated other comprehensive income	9	**399**	249
Reserves		**793**	330
Equity – Group's share		**15,060**	14,739
Non-controlling interests		**683**	773
TOTAL EQUITY		**15,743**	15,512
TOTAL LIABILITIES AND EQUITY		**$ 190,905**	$ 164,413

The accompanying notes are an integral part of the Condensed Interim Consolidated Financial Statements.

Consolidated Statements of Income

(unaudited)

(in millions of Canadian dollars)	Notes	For the three-month periods ended June 30		For the six-month periods ended June 30	
		2020	2019	**2020**	2019
INTEREST INCOME					
Loans		**$ 539**	$ 713	**$ 1,255**	$ 1,424
Securities		**116**	54	**178**	114
		655	767	**1,433**	1,538
INTEREST EXPENSE					
Deposits		**246**	349	**576**	705
Subordinated notes		**10**	18	**28**	36
Other		**23**	28	**47**	60
		279	395	**651**	801
NET INTEREST INCOME	11	**376**	372	**782**	737
NET PREMIUMS		**2,263**	2,270	**4,814**	4,615
OTHER INCOME					
Assessments		**96**	98	**197**	196
Service agreements		**202**	199	**401**	385
Lending fees and credit card service revenues		**135**	185	**334**	395
Brokerage and investment fund services		**235**	223	**476**	437
Management and custodial service fees		**154**	148	**311**	295
Net investment income	11	**2,669**	991	**2,043**	2,415
Overlay approach adjustment for insurance operations financial assets		**(299)**	10	**213**	(157)
Foreign exchange income		**15**	19	**59**	33
Other		**83**	28	**146**	101
		3,290	1,901	**4,180**	4,100
TOTAL INCOME		**5,929**	4,543	**9,776**	9,452
PROVISION FOR CREDIT LOSSES	5	**108**	(6)	**307**	78
CLAIMS, BENEFITS, ANNUITIES AND CHANGES IN INSURANCE CONTRACT LIABILITIES		**3,616**	2,361	**5,699**	5,481
NON-INTEREST EXPENSE					
Remuneration and other payments		**198**	183	**356**	349
Salaries and fringe benefits		**695**	644	**1,309**	1,230
Premises, equipment and furniture, including depreciation		**150**	134	**297**	265
Service agreements and outsourcing		**64**	96	**124**	181
Communications		**49**	57	**103**	112
Other		**626**	702	**1,321**	1,337
		1,782	1,816	**3,510**	3,474
OPERATING SURPLUS EARNINGS		**423**	372	**260**	419
Income taxes on surplus earnings		**167**	56	**54**	47
NET SURPLUS EARNINGS FOR THE PERIOD AFTER DIVIDENDS TO MEMBER CAISSES		**$ 256**	$ 316	**$ 206**	$ 372
of which:					
Group's share		**$ 249**	$ 298	**$ 186**	$ 357
Non-controlling interests' share		**7**	18	**20**	15

The accompanying notes are an integral part of the Condensed Interim Consolidated Financial Statements.

Consolidated Statements of Comprehensive Income

(unaudited)

(in millions of Canadian dollars)	For the three-month periods ended June 30		For the six-month periods ended June 30	
	2020	2019	**2020**	2019
Net surplus earnings for the period after dividends to member caisses	**$ 256**	$ 316	**$ 206**	$ 372
Other comprehensive income, net of income taxes				
Items that will not be reclassified subsequently to the Consolidated Statements of Income				
Remeasurement of net defined benefit plan liabilities	**(837)**	(205)	**6**	(292)
Share of associates and joint ventures accounted for using the equity method	**(7)**	1	**-**	-
Net change in gains and losses on equity securities designated as at fair value through other comprehensive income	**3**	-	**-**	-
Net change in fair value attributable to changes in the credit risk of financial liabilities as at fair value through profit or loss	**(6)**	-	**(1)**	-
	(847)	(204)	**5**	(292)
Items that will be reclassified subsequently to the Consolidated Statements of Income				
Net change in unrealized gains and losses on debt securities classified as at fair value through other comprehensive income				
Net unrealized gains	**330**	64	**402**	191
Provision for credit losses recognized in profit or loss	**7**	(1)	**11**	-
Reclassification of net gains to the Consolidated Statements of Income	**(71)**	(13)	**(136)**	(15)
	266	50	**277**	176
Net change in unrealized gains and losses related to the overlay approach adjustment for insurance operations financial assets				
Net unrealized gains (losses)	**217**	9	**(215)**	148
Reclassification of net (gains) losses to the Consolidated Statements of Income	**14**	(14)	**48**	(20)
	231	(5)	**(167)**	128
Net change in cash flow hedges				
Net gains (losses) on derivative financial instruments designated as cash flow hedges	**(77)**	(2)	**31**	15
Reclassification to the Consolidated Statements of Income of net losses on derivative financial instruments designated as cash flow hedges	**1**	1	**2**	1
	(76)	(1)	**33**	16
Net unrealized exchange gains (losses) on the translation of a net investment in a foreign operation, net of hedging transactions	**(1)**	(2)	**1**	(2)
	420	42	**144**	318
Total other comprehensive income, net of income taxes	**(427)**	(162)	**149**	26
COMPREHENSIVE INCOME FOR THE PERIOD	**$ (171)**	$ 154	**$ 355**	$ 398
of which:				
Group's share	**$ (180)**	$ 139	**$ 339**	$ 379
Non-controlling interests' share	**9**	15	**16**	19

The accompanying notes are an integral part of the Condensed Interim Consolidated Financial Statements.

Consolidated Statements of Comprehensive Income *(continued)*

(unaudited)

Income taxes on other comprehensive income

The tax expense (recovery) related to each component of other comprehensive income for the period is presented in the following table.

(in millions of Canadian dollars)	For the three-month periods ended June 30		For the six-month periods ended June 30	
	2020	2019	**2020**	2019
Item that will not be reclassified subsequently to the Consolidated Statements of Income				
Remeasurement of net defined benefit plan liabilities	**$ (302)**	$ (73)	**$ 2**	$ (104)
Net change in gains and losses on equity securities designated as at fair value through other comprehensive income	**(1)**	-	**(2)**	-
Net change in fair value attributable to changes in the credit risk of financial liabilities designated as at fair value through profit or loss	**(2)**	-	**-**	-
	(305)	(73)	**-**	(104)
Items that will be reclassified subsequently to the Consolidated Statements of Income				
Net change in unrealized gains and losses on debt securities classified as at fair value through other comprehensive income				
Net unrealized gains	**117**	23	**146**	68
Provision for credit losses recognized in profit or loss	**3**	-	**4**	-
Reclassification of net gains to the Consolidated Statements of Income	**(27)**	(5)	**(51)**	(6)
	93	18	**99**	62
Net change in unrealized gains and losses related to the overlay approach adjustment for insurance operations financial assets				
Net unrealized gains (losses)	**64**	1	**(64)**	36
Reclassification of net (gains) losses to the Consolidated Statements of Income	**4**	(6)	**18**	(7)
	68	(5)	**(46)**	29
Net change in cash flow hedges				
Net gains (losses) on derivative financial instruments designated as cash flow hedges	**(28)**	4	**11**	11
Reclassification to the Consolidated Statements of Income of net losses on derivative financial instruments designated as cash flow hedges	**1**	-	**1**	-
	(27)	4	**12**	11
	134	17	**65**	102
Total income tax expense (recovery)	**$ (171)**	$ (56)	**$ 65**	$ (2)

Consolidated Statements of Changes in Equity

(unaudited)

For the six-month periods ended June 30

(in millions of Canadian dollars)	Capital stock	Undistributed surplus earnings	Accumulated other comprehensive income (Note 9)	Reserves: Stabilization reserve	Reserves: General and other reserves	Reserves: Total reserves	Equity - Group's share	Non-controlling interests	Total equity
BALANCE AS AT DECEMBER 31, 2019	**$ 8,884**	**$ 5,276**	**$ 249**	**$ 265**	**$ 65**	**$ 330**	**$ 14,739**	**$ 773**	**$ 15,512**
Net surplus earnings for the period after dividends to member caisses	**-**	**186**	**-**	**-**	**-**	**-**	**186**	**20**	**206**
Other comprehensive income for the period	**-**	**3**	**150**	**-**	**-**	**-**	**153**	**(4)**	**149**
Comprehensive income for the period	**-**	**189**	**150**	**-**	**-**	**-**	**339**	**16**	**355**
Net buy-out of non-controlling interests	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(93)**	**(93)**
Loss on dilution of non-controlling interest	**-**	**(14)**	**-**	**-**	**-**	**-**	**(14)**	**-**	**(14)**
Dividends	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(13)**	**(13)**
Transfer from undistributed surplus earnings (to reserves)	**-**	**(463)**	**-**	**-**	**463**	**463**	**-**	**-**	**-**
Other	**-**	**(4)**	**-**	**-**	**-**	**-**	**(4)**	**-**	**(4)**
BALANCE AS AT JUNE 30, 2020	**$ 8,884**	**$ 4,984**	**$ 399**	**$ 265**	**$ 528**	**$ 793**	**$ 15,060**	**$ 683**	**$ 15,743**
BALANCE AS AT DECEMBER 31, 2018	$ 8,779	$ 4,764	$ (9)	$ 417	$ (146)	$ 271	$ 13,805	$ 748	$ 14,553
Net surplus earnings for the period after dividends to member caisses	-	357	-	-	-	-	357	15	372
Other comprehensive income for the period	-	(287)	309	-	-	-	22	4	26
Comprehensive income for the period	-	70	309	-	-	-	379	19	398
Issuance of F capital shares	104	-	-	-	-	-	104	-	104
Issuance of share capital	-	-	-	-	-	-	-	7	7
Dividends	-	-	-	-	-	-	-	(18)	(18)
Transfer from undistributed surplus earnings (to reserves)	-	(242)	-	-	242	242	-	-	-
Other	-	(3)	-	-	-	-	(3)	2	(1)
BALANCE AS AT JUNE 30, 2019	$ 8,883	$ 4,589	$ 300	$ 417	$ 96	$ 513	$ 14,285	$ 758	$ 15,043

The accompanying notes are an integral part of the Condensed Interim Consolidated Financial Statements.

Consolidated Statements of Cash Flows

(unaudited)

(in millions of Canadian dollars)	For the six-month periods ended June 30 2020	2019
CASH FLOWS FROM (USED IN) OPERATING ACTIVITIES		
Operating surplus earnings	**$ 260**	$ 419
Non-cash adjustments:		
Depreciation of right-of-use assets, property, plant and equipment and investment property, and amortization of intangible assets	**124**	125
Net change in insurance contract liabilities	**2,875**	2,310
Provision for credit losses	**307**	78
Net realized gains on securities classified as at fair value through other comprehensive income	**(189)**	(21)
Net gains losses on disposal of investment property	**(102)**	-
Overlay approach adjustment for insurance operations financial assets	**(213)**	157
Other	**39**	-
Change in operating assets and liabilities:		
Securities at fair value through profit or loss	**777**	(2,090)
Securities borrowed or purchased under reverse repurchase agreements	**(1,694)**	1,024
Loans	**7,276**	559
Derivative financial instruments, net amount	**(1,335)**	720
Net amounts receivable from and payable to clients, brokers and financial institutions	**747**	511
Deposits	**15,949**	1,455
Commitments related to securities sold short	**(4,593)**	972
Commitments related to securities lent or sold under repurchase agreements	**8,881**	(4,983)
Other	**(511)**	(860)
Payment of the contingent consideration	**(206)**	(209)
Income taxes paid on surplus earnings	**(23)**	(59)
Payment of dividends to member caisses	**(115)**	(70)
	28,254	38
CASH FLOWS FROM (USED IN) FINANCING ACTIVITIES		
Issurance of subordinated notes	**997**	-
Repayment of subordinated notes	**(899)**	-
Sale (purchase) of debt securities and subordinated notes to (from) third parties on the market	**(45)**	21
Repayment of lease liabilities	**(23)**	(10)
Issuance of F capital shares	**-**	104
Remuneration on capital shares	**(267)**	-
Net redemption of non-controlling interest	**(107)**	-
Issuance of share capital	**-**	7
Dividends paid	**(13)**	(18)
	(357)	104
CASH FLOWS FROM (USED IN) INVESTING ACTIVITIES		
Purchase of securities at fair value through other comprehensive income and at amortized cost	**(38,004)**	(25,852)
Proceeds from disposals of securities at fair value through other comprehensive income and at amortized cost	**10,331**	6,803
Proceeds from maturities of securities at fair value through other comprehensive income and at amortized cost	**10,470**	18,836
Acquisitions of property, plant and equipment, intangible assets and investment property	**(148)**	(114)
Proceeds from disposal of property, plant and equipment, intangible assets and investment property	**129**	2
Payment of the contingent consideration recognized at acquisition date	**(2)**	(35)
	(17,224)	(360)
Net increase (decrease) in cash and cash equivalents	**10,673**	(218)
Cash and cash equivalents at beginning of period	**3,084**	2,738
CASH AND CASH EQUIVALENTS AT END OF PERIOD	**$ 13,757**	$ 2,520
Supplemental information on cash flows from (used in) operating activities		
Interest paid	**$ 885**	$ 991
Interest and dividends received	**1,659**	2,210

The accompanying notes are an integral part of the Condensed Interim Consolidated Financial Statements.

NOTES TO THE CONDENSED INTERIM CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

NOTE 1 – INFORMATION ON THE *FÉDÉRATION DES CAISSES DESJARDINS DU QUÉBEC*

Nature of operations

The *Fédération des caisses Desjardins du Québec* (the Federation) is the cooperative entity responsible for assuming orientation, framework, coordination and development activities for Desjardins Group. The role of the Federation is also to protect the interests of Desjardins Group members. It provides its member caisses with a variety of services, including certain technical, financial, and administrative services. The member caisses exercise a collective power over the Federation, and each of them has a significant influence on the Federation.

In addition, the Federation is the parent company of several financial services subsidiaries. The address of its head office is 100 Des Commandeurs Street, Lévis, Québec, Canada.

NOTE 2 – BASIS OF PRESENTATION AND SIGNIFICANT ACCOUNTING POLICIES

BASIS OF PRESENTATION

Statement of compliance

Pursuant to the *Act Respecting Financial Services Cooperatives*, these unaudited Condensed Interim Consolidated Financial Statements (the Interim Consolidated Financial Statements) have been prepared by the Federation's management in accordance with the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB), more specifically in accordance with International Accounting Standard (IAS) 34, "Interim Financial Reporting", and the accounting requirements of the *Autorité des marchés financiers* (AMF) in Québec, which do not differ from IFRS. Certain comparative figures have been reclassified to conform with the presentation of the Interim Consolidated Financial Statements for the current period. These reclassifications had no impact on the Federation's profit or loss or total assets and liabilities.

These Interim Consolidated Financial Statements should be read in conjunction with the audited Annual Consolidated Financial Statements (the Annual Consolidated Financial Statements) for the year ended December 31, 2019, and the shaded areas of section 4.0, "Risk management", of the related Management's Discussion and Analysis, which are an integral part of the Annual Consolidated Financial Statements. All accounting policies were applied as described in Note 2, "Basis of presentation and significant accounting policies", to the Annual Consolidated Financial Statements.

These Interim Consolidated Financial Statements were approved by the Board of Directors of the Federation on August 11, 2020.

Presentation and functional currency

These Interim Consolidated Financial Statements are expressed in Canadian dollars, which is also the functional currency of the Federation. Dollar amounts presented in the tables of the Notes to the Interim Consolidated Financial Statements are in millions of dollars, unless otherwise stated.

NOTE 2 – BASIS OF PRESENTATION AND SIGNIFICANT ACCOUNTING POLICIES *(continued)*

Significant event

On March 11, 2020, the World Health Organization declared COVID-19 a pandemic. On March 13, 2020, the Government of Québec declared a health emergency throughout the Québec territory. The Government of Canada has introduced various protection measures during the first quarter of 2020. This situation and the measures implemented have significant impacts on global, national, provincial and local economies. The Federation has put in place relief measures for personal and business members and clients who are having trouble meeting their financial obligations.

The COVID-19 pandemic created new sources of uncertainty having an impact on judgments as well as significant estimates and assumptions made by management in preparing the Interim Consolidated Financial Statements. The Federation closely monitors the development of the pandemic and its impact on its profit and loss and financial position:

- Securities designated for the overlay approach were examined at the reporting date to determine whether there was any objective evidence that they were impaired, and the Federation did not record any impairment losses.
- For more information on significant judgments made to estimate the loss allowance for expected credit losses, see Note 5, “Loans and allowance for credit losses”.
- The participation in the Canada Emergency Business Account (CEBA) and Business Credit Availability Program (BCAP) of the Government of Canada was assessed to determine whether the criteria for financial asset derecognition were met. For more information, see Note 5, “Loans and allowance for credit losses”.
- Travel restrictions by the federal government due to the pandemic had an impact on current and expected volumes of travel insurance inquiries and claims, which gave rise to an increase in the provision.

FUTURE ACCOUNTING CHANGES

IFRS 17, “Insurance Contracts”

In June 2020, the IASB issued amendments to IFRS 17, including a two-year deferral of the initial application of IFRS 17 to the years beginning on or after January 1, 2023. The Federation is currently assessing the impact of adopting the amendments that will apply to the years beginning on January 1, 2023.

For more details on other accounting standards issued by the IASB, but not yet effective as at December 31, 2019, see Note 2, “Basis of presentation and significant accounting policies” to the Annual Consolidated Financial Statements.

NOTE 3 – CARRYING AMOUNT OF FINANCIAL INSTRUMENTS

CLASSIFICATION AND CARRYING AMOUNT OF FINANCIAL INSTRUMENTS

The following tables present the carrying amount of financial assets and liabilities according to their classification in the classes defined in the financial instrument standards.

	At fair value through profit or loss		At fair value through other comprehensive income			
As at June 30, 2020	**Classified as at fair value through profit or loss[1]**	**Designated as at fair value through profit or loss**	**Classified as at fair value through other comprehensive income[2]**	**Designated as at fair value through other comprehensive income**	**Amortized cost[2]**	**Total**
Financial assets						
Cash and deposits with financial institutions	$ -	$ 135	$ 1,057	$ -	$ 12,565	$ 13,757
Securities	14,047	20,343	31,457	58	626	66,531
Securities borrowed or purchased under reverse repurchase agreements	-	-	-	-	13,046	13,046
Loans	-	-	-	-	57,530	57,530
Other financial assets						
Clients' liability under acceptances	-	-	-	-	208	208
Premiums receivable	-	-	-	-	2,743	2,743
Derivative financial instruments[3]	7,248	-	-	-	-	7,248
Amounts receivable from clients, brokers and financial institutions	-	-	-	-	3,683	3,683
Other	5	-	-	-	1,194	1,199
Total financial assets	$ 21,300	$ 20,478	$ 32,514	$ 58	$ 91,595	$ 165,945
Financial liabilities						
Deposits[4]	$ -	$ 178	$ -	$ -	$ 74,743	$ 74,921
Other financial liabilities						
Acceptances	-	-	-	-	208	208
Commitments related to securities sold short	6,022	-	-	-	-	6,022
Commitments related to securities lent or sold under repurchase agreements	-	-	-	-	19,443	19,443
Derivative financial instruments[3]	6,088	-	-	-	-	6,088
Amounts payable to clients, brokers and financial institutions	-	-	-	-	7,743	7,743
Other	98	-	-	-	2,147	2,245
Subordinated notes	-	-	-	-	1,451	1,451
Total financial liabilities	$ 12,208	$ 178	$ -	$ -	$ 105,735	$ 118,121

[1] An amount of $2,805 million corresponds to financial assets designated for the overlay approach.

[2] As at June 30, 2020, the allowance for credit losses on securities at "Amortized cost" totalled $1 million, and the allowance for credit losses on securities "Classified as at fair value through other comprehensive income" totalled $18 million. Detailed information on the allowance for credit losses on loans is presented in Note 5, "Loans and allowance for credit losses". The loss allowance for expected credit losses on securities "Classified as at fair value through other comprehensive income" is recognized under "Provision for credit losses recognized in profit or loss" in the Consolidated Statements of Comprehensive Income and "Provision for credit losses" in the Consolidated Statements of Income.

[3] Include derivative financial instruments designated as hedging instruments amounting to $1,117 million in assets and $206 million in liabilities.

[4] The maturity amount that the Federation will be contractually required to pay to holders of deposits designated as at fair value through profit or loss fluctuates and could differ from the fair value of such deposits as at the reporting date.

NOTE 3 – CARRYING AMOUNT OF FINANCIAL INSTRUMENTS *(continued)*

CLASSIFICATION AND CARRYING AMOUNT OF FINANCIAL INSTRUMENTS *(continued)*

	At fair value through profit or loss		At fair value through other comprehensive income			
As at December 31, 2019	Classified as at fair value through profit or loss[(1)]	Designated as at fair value through profit or loss	Classified as at fair value through other comprehensive income[(2)]	Designated as at fair value through other comprehensive income	Amortized cost[(2)]	Total
Financial assets						
Cash and deposits with financial institutions	$ -	$ 273	$ 1,395	$ -	$ 1,416	$ 3,084
Securities	16,712	18,455	12,591	59	1,616	49,433
Securities borrowed or purchased under reverse repurchase agreements	-	-	-	-	11,352	11,352
Loans	-	-	-	-	65,113	65,113
Other financial assets						
Clients' liability under acceptances	-	-	-	-	380	380
Premiums receivable	-	-	-	-	2,689	2,689
Derivative financial instruments[(3)]	4,795	-	-	-	-	4,795
Amounts receivable from clients, brokers and financial institutions	-	-	-	-	2,239	2,239
Other	-	-	-	-	936	936
Total financial assets	$ 21,507	$ 18,728	$ 13,986	$ 59	$ 85,741	$ 140,021
Financial liabilities						
Deposits[(4)]	$ -	$ 84	$ -	$ -	$ 58,888	$ 58,972
Other financial liabilities						
Acceptances	-	-	-	-	380	380
Commitments related to securities sold short	10,615	-	-	-	-	10,615
Commitments related to securities lent or sold under repurchase agreements	-	-	-	-	10,562	10,562
Derivative financial instruments[(3)]	4,827	-	-	-	-	4,827
Amounts payable to clients, brokers and financial institutions	-	-	-	-	5,552	5,552
Other	268	-	-	-	2,421	2,689
Subordinated notes	-	-	-	-	1,398	1,398
Total financial liabilities	$ 15,710	$ 84	$ -	$ -	$ 79,201	$ 94,995

(1) An amount of $2,976 million corresponds to financial assets designated for the overlay approach.
(2) As at December 31, 2019, the allowance for credit losses on securities at "Amortized cost" totalled $1 million, and the allowance for credit losses on securities "Classified as at fair value through other comprehensive income" totalled $3 million. Detailed information on the allowance for credit losses on loans is presented in Note 5, "Loans and allowance for credit losses".
(3) Include derivative financial instruments designated as hedging instruments amounting to $241 million in assets and $318 million in liabilities.
(4) The maturity amount that the Federation will be contractually required to pay to holders of deposits designated as at fair value through profit or loss fluctuates and could differ from the fair value of such deposits as at the reporting date

During the six-month period ended June 30, 2020 and the year ended December 31, 2019, no financial instruments have been reclassified.

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS

DETERMINATION OF THE FAIR VALUE OF FINANCIAL INSTRUMENTS

For a description of the valuation techniques and data used to determine the fair value of the main financial instruments, refer to Note 2, “Basis of presentation and significant accounting policies”, to the Annual Consolidated Financial Statements. No significant changes were made to our fair value valuation techniques during the quarter. The Federation has implemented controls and procedures to ensure that financial instruments are appropriately and reliably measured.

FAIR VALUE OF FINANCIAL INSTRUMENTS

The carrying amount of certain financial instruments measured at amortized cost does not reasonably approximate fair value. These financial instruments are presented in the following table.

	As at June 30, 2020		As at December 31, 2019	
	Carrying amount	**Fair value**	Carrying amount	Fair value
Financial assets				
Securities	**$ 626**	**$ 627**	$ 1,616	$ 1,617
Loans	**57,530**	**57,876**	65,113	65,156
Financial liabilities				
Deposits	**74,743**	**74,700**	58,888	58,724
Subordinated notes	**1,451**	**1,541**	1,398	1,433

FAIR VALUE HIERARCHY

Fair value measurement is determined using a three-level fair value hierarchy. Refer to Note 4, “Fair value of financial instruments”, to the Annual Consolidated Financial Statements, which contains a description of these three levels.

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS *(continued)*

HIERARCHY OF FINANCIAL INSTRUMENTS MEASURED AT FAIR VALUE

The following tables present the hierarchy for financial instruments measured at fair value in the Consolidated Balance Sheets.

As at June 30, 2020	Level 1	Level 2	Level 3	Total
Financial assets				
Financial assets at fair value through profit or loss				
Cash and deposits with financial institutions	$ 12	$ 123	$ -	$ 135
Securities				
Debt securities issued or guaranteed by				
Canadian governmental entities	5,592	-	-	5,592
Provincial governmental entities and municipal corporations in Canada	17,145	825	-	17,970
School or public corporations in Canada	16	99	-	115
Foreign public administrations	266	-	-	266
Other securities				
Financial institutions	-	1,280	55	1,335
Other issuers	2	3,859	776	4,637
Equity securities	3,416	192	867	4,475
	26,449	6,378	1,698	34,525
Derivative financial instruments				
Interest rate contracts	-	4,314	-	4,314
Foreign exchange contracts	-	933	-	933
Other contracts	-	2,001	-	2,001
	-	7,248	-	7,248
Other assets	-	5	-	5
Total financial assets at fair value through profit or loss	26,449	13,631	1,698	41,778
Financial assets at fair value through other comprehensive income				
Cash and deposits with financial institutions	249	808	-	1,057
Securities				
Debt securities issued or guaranteed by				
Canadian governmental entities	2,397	4,134	-	6,531
Provincial governmental entities and municipal corporations in Canada	18,803	1,267	-	20,070
Foreign public administrations	17	-	-	17
Other securities				
Financial institutions	5	4,138	-	4,143
Other issuers	14	613	70	697
Equity securities	-	2	55	57
Total financial assets at fair value through other comprehensive income	21,485	10,962	125	32,572
Financial instruments of segregated funds	6,537	10,553	118	17,208
Total financial assets	$ 54,471	$ 35,146	$ 1,941	$ 91,558
Financial liabilities				
Financial liabilities at fair value through profit or loss				
Deposits	$ -	$ 178	$ -	$ 178
Other liabilities				
Commitments related to securities sold short	5,616	406	-	6,022
Other	-	-	98	98
	5,616	584	98	6,298
Derivative financial instruments				
Interest rate contracts	-	3,899	-	3,899
Foreign exchange contracts	-	282	-	282
Other contracts	-	1,907	-	1,907
	-	6,088	-	6,088
Total financial liabilities	$ 5,616	$ 6,672	$ 98	$ 12,386

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS *(continued)*

HIERARCHY OF FINANCIAL INSTRUMENTS MEASURED AT FAIR VALUE *(continued)*

As at December 31, 2019	Level 1	Level 2	Level 3	Total
Financial assets				
Financial assets at fair value through profit or loss				
Cash and deposits with financial institutions	$ 9	$ 264	$ -	$ 273
Securities				
Debt securities issued or guaranteed by				
Canadian governmental entities	8,487	-	-	8,487
Provincial governmental entities and municipal corporations in Canada	15,680	785	-	16,465
School or public corporations in Canada	15	89	-	104
Foreign public administrations	133	-	-	133
Other securities				
Financial institutions	17	810	55	882
Other issuers	1	3,494	771	4,266
Equity securities	3,447	589	794	4,830
	27,789	6,031	1,620	35,440
Derivative financial instruments				
Interest rate contracts	-	1,515	-	1,515
Foreign exchange contracts	-	286	-	286
Other contracts	-	2,994	-	2,994
	-	4,795	-	4,795
Total financial assets at fair value through profit or loss	27,789	10,826	1,620	40,235
Financial assets at fair value through other comprehensive income				
Cash and deposits with financial institutions	9	1,386	-	1,395
Securities				
Debt securities issued or guaranteed by				
Canadian governmental entities	2,020	1,907	-	3,927
Provincial governmental entities and municipal corporations in Canada	6,017	593	-	6,610
Foreign public administrations	11	-	-	11
Other securities				
Financial institutions	5	1,451	-	1,456
Other issuers	-	517	70	587
Equity securities	-	2	57	59
Total financial assets at fair value through other comprehensive income	8,062	5,856	127	14,045
Financial instruments of segregated funds	6,588	10,351	81	17,020
Total financial assets	$ 42,439	$ 27,033	$ 1,828	$ 71,300
Financial liabilities				
Financial liabilities at fair value through profit or loss				
Deposits	$ -	$ 84	$ -	$ 84
Other liabilities				
Commitments related to securities sold short	10,193	422	-	10,615
Other	-	-	268	268
	10,193	506	268	10,967
Derivative financial instruments				
Interest rate contracts	-	1,396	-	1,396
Foreign exchange contracts	-	528	-	528
Other contracts	-	2,903	-	2,903
	-	4,827	-	4,827
Total financial liabilities	$ 10,193	$ 5,333	$ 268	$ 15,794

During the six-month period ended June 30, 2020 and the year ended December 31, 2019, no material transfers attributable to changes in the observability of market data were made between hierarchy levels for instruments measured at fair value.

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS *(continued)*

FAIR VALUE OF FINANCIAL INSTRUMENTS CATEGORIZED WITHIN LEVEL 3

The Federation has implemented various key controls and procedures to ensure that financial instruments categorized within Level 3 are appropriately and reliably measured. During the six-month period ended June 30, 2020, no significant changes were made to the key controls and procedures as well as the valuation techniques. Some changes were made to the input value ranges used to determine fair value, but they did not result in material changes to the fair value of financial instruments categorized within Level 3. For a description of the valuation process for financial instruments categorized within Level 3, refer to Note 4, “Fair value of financial instruments”, to the Annual Consolidated Financial Statements.

Sensitivity of financial instruments categorized within Level 3

The Federation performs sensitivity analyses to measure the fair value of financial instruments categorized within Level 3. Changing unobservable inputs to one or more reasonably possible alternative assumptions does not significantly change the fair value of financial instruments categorized within Level 3.

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS *(continued)*

FAIR VALUE OF FINANCIAL INSTRUMENTS CATEGORIZED WITHIN LEVEL 3 *(continued)*

Changes in fair value of financial instruments categorized within Level 3

The following tables present the changes in fair value of financial instruments categorized within Level 3 of the hierarchy, namely financial instruments whose fair value is determined using valuation techniques not based mainly on observable market data.

For the six-month period ended June 30, 2020	Balance at beginning of period	Realized gains / losses recognized in profit or loss[1]	Unrealized gains / losses recognized in profit or loss[2]	Unrealized gains / losses recognized in other comprehensive income[3]	Transfers of instruments into (out of) Level 3	Purchases / Issuances / Other	Sales / Settlements / Other	Balance at end of period
Financial assets								
Financial assets at fair value through profit or loss								
Securities								
Other securities								
Financial institutions								
Mortgage bonds	$ 55	$ -	$ -	$ -	$ -	$ -	$ -	$ 55
Other issuers								
Hedge funds	2	2	(1)	-	-	-	-	3
Asset-backed term notes	4	-	1	-	-	-	(1)	4
Mortgage bonds	710	-	26	-	-	-	(26)	710
Other debt securities	55	-	-	-	-	6	(2)	59
Equity securities	794	(2)	8	-	-	76	(9)	867
Total financial assets at fair value through profit or loss	1,620	-	34	-	-	82	(38)	1,698
Financial assets at fair value through other comprehensive income								
Securities								
Other securities								
Other issuers								
Mortgage bonds	70	-	-	1	-	-	(1)	70
Equity securities	57	-	-	(2)	-	-	-	55
Total financial assets at fair value through other comprehensive income	127	-	-	(1)	-	-	(1)	125
Financial instruments of segregated funds	81	-	(3)	-	-	45	(5)	118
Total financial assets	$ 1,828	$ -	$ 31	$ (1)	$ -	$ 127	$ (44)	$ 1,941
Financial liabilities								
Financial liabilities at fair value through profit or loss								
Other liabilities – Other								
Financial liability related to the contingent consideration	$ 268	$ -	$ 38	$ -	$ -	$ -	$ (208)	$ 98
Total financial liabilities	$ 268	$ -	$ 38	$ -	$ -	$ -	$ (208)	$ 98

[1] Realized gains or losses on financial assets classified or designated as at fair value through profit or loss are presented under "Net investment income".
[2] Unrealized gains or losses on financial assets classified or designated as at fair value through profit or loss are presented under "Net investment income".
[3] Unrealized gains or losses on financial assets “Classified as at fair value through other comprehensive income” are recognized under “Net unrealized gains” on debt securities at fair value through other comprehensive income, while unrealized gains or losses on financial assets “Designated as at fair value through other comprehensive income” are recognized under “Net change in gains and losses on equity securities designated as at fair value through other comprehensive income” in the Consolidated Statements of Comprehensive Income.

NOTE 4 – FAIR VALUE OF FINANCIAL INSTRUMENTS *(continued)*

FAIR VALUE OF FINANCIAL INSTRUMENTS CATEGORIZED WITHIN LEVEL 3 *(continued)*

Changes in fair value of financial instruments categorized within Level 3 *(continued)*

For the six-month period ended June 30, 2019	Balance at beginning of period	Realized gains / losses recognized in profit or loss[(1)]	Unrealized gains / losses recognized in profit or loss[(2)]	Unrealized gains / losses recognized in other comprehensive income[(3)]	Transfers of instruments into (out of) Level 3	Purchases / Issuances / Other	Sales / Settlements / Other	Balance at end of period
Financial assets								
Financial assets at fair value through profit or loss								
Securities								
Other securities								
Financial institutions								
Mortgage bonds	$ 56	$ -	$ -	$ -	$ -	$ -	$ -	$ 56
Other issuers								
Hedge funds	1	-	1	-	-	-	-	2
Asset-backed term notes	5	-	-	-	-	-	-	5
Mortgage bonds	736	-	16	-	-	-	(21)	731
Other debt securities	-	-	(1)	-	-	53	-	52
Equity securities	698	(5)	(15)	-	-	136	(16)	798
Other assets	13	-	-	-	-	-	(13)	-
Total financial assets at fair value through profit or loss	1,509	(5)	1	-	-	189	(50)	1,644
Financial assets at fair value through other comprehensive income								
Securities								
Other securities								
Other issuers								
Mortgage bonds	89	-	-	1	-	-	(1)	89
Corporate bonds	8	-	-	-	-	-	(8)	-
Total financial assets at fair value through other comprehensive income	97	-	-	1	-	-	(9)	89
Financial instruments of segregated funds	72	-	2	-	-	4	-	78
Total financial assets	$ 1,678	$ (5)	$ 3	$ 1	$ -	$ 193	$ (59)	$ 1,811
Financial liabilities								
Financial liabilities at fair value through profit or loss								
Other liabilities – Other								
Financial liability related to the contingent consideration	$ 319	$ -	$ 69	$ -	$ -	$ -	$ (244)	$ 144
Total financial liabilities	$ 319	$ -	$ 69	$ -	$ -	$ -	$ (244)	$ 144

(1) Realized gains or losses on financial assets classified or designated as at fair value through profit or loss are presented under "Net investment income".
(2) Unrealized gains or losses on financial assets classified or designated as at fair value through profit or loss are presented under "Net investment income".
(3) Unrealized gains or losses on financial assets “Classified as at fair value through other comprehensive income” are recognized under “Net unrealized gains” on debt securities at fair value through other comprehensive income, while unrealized gains or losses on financial assets “Designated as at fair value through other comprehensive income” are recognized under “Net change in gains and losses on equity securities designated as at fair value through other comprehensive income” in the Consolidated Statements of Comprehensive Income.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES

EXPOSURE TO CREDIT RISK OF LOANS AND OFF-BALANCE SHEET ITEMS

The following tables present the gross carrying amount of loans and the exposure amount for off-balance sheet items for which the Federation estimates a loss allowance for expected credit losses, according to credit quality and the impairment model stage in which they are classified. For more information on the classification of loans and off-balance sheet items based on credit quality, see the table presenting probability of default (PD) tranches in relation with risk levels for loans and off-balance sheet items in Note 7, “Loans and allowance for credit losses”, to the Annual Consolidated Financial Statements.

Loans

	Non-credit impaired		Credit-impaired	
As at June 30, 2020	**Stage 1**	**Stage 2**	**Stage 3**	**Total**
Residential mortgages				
Excellent	$ 180	$ -	$ -	$ 180
Very low	1,010	-	-	1,010
Low	1,784	460	-	2,244
Moderate	191	395	-	586
High	122	75	-	197
Default	-	4	8	12
Total gross residential mortgages	$ 3,287	$ 934	$ 8	$ 4,229
Allowance for credit losses	(7)	(3)	(5)	(15)
Total net residential mortgages	$ 3,280	$ 931	$ 3	$ 4,214
Consumer, credit card and other personal loans				
Excellent	$ 1,497	$ 1	$ -	$ 1,498
Very low	2,675	-	-	2,675
Low	6,795	344	-	7,139
Moderate	5,189	1,231	-	6,420
High	22	1,394	-	1,416
Default	-	-	256	256
Total gross consumer, credit card and other personal loans	$ 16,178	$ 2,970	$ 256	$ 19,404
Allowance for credit losses	(94)	(186)	(151)	(431)
Total net consumer, credit card and other personal loans	$ 16,084	$ 2,784	$ 105	$ 18,973
Business and government loans[1]				
Acceptable risk:				
Investment grade	$ 25,055	$ -	$ -	$ 25,055
Other than investment grade	6,182	1,752	-	7,934
Under watch	192	1,283	-	1,475
Default	-	-	219	219
Total gross business and government loans	$ 31,429	$ 3,035	$ 219	$ 34,683
Allowance for credit losses	(17)	(39)	(76)	(132)
Total net business and government loans	$ 31,412	$ 2,996	$ 143	$ 34,551

[1] Include clients' liability under acceptances.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

EXPOSURE TO CREDIT RISK OF LOANS AND OFF-BALANCE SHEET ITEMS *(continued)*

Loans *(continued)*

	Non-credit impaired		Credit-impaired	
As at December 31, 2019	Stage 1	Stage 2	Stage 3	Total
Residential mortgages				
Excellent	$ 515	$ -	$ -	$ 515
Very low	1,970	-	-	1,970
Low	1,527	8	-	1,535
Moderate	46	83	-	129
High	1	21	-	22
Default	-	4	8	12
Total gross residential mortgages	$ 4,059	$ 116	$ 8	$ 4,183
Allowance for credit losses	(5)	(1)	(4)	(10)
Total net residential mortgages	$ 4,054	$ 115	$ 4	$ 4,173
Consumer, credit card and other personal loans				
Excellent	$ 1,558	$ -	$ -	$ 1,558
Very low	3,610	-	-	3,610
Low	8,459	139	-	8,598
Moderate	3,515	1,313	-	4,828
High	23	1,701	-	1,724
Default	-	-	249	249
Total gross consumer, credit card and other personal loans	$ 17,165	$ 3,153	$ 249	$ 20,567
Allowance for credit losses	(103)	(186)	(130)	(419)
Total net consumer, credit card and other personal loans	$ 17,062	$ 2,967	$ 119	$ 20,148
Business and government loans[1]				
Acceptable risk:				
Investment grade	$ 32,946	$ -	$ -	$ 32,946
Other than investment grade	7,662	220	-	7,882
Under watch	101	164	-	265
Default	-	-	114	114
Total gross business and government loans	$ 40,709	$ 384	$ 114	$ 41,207
Allowance for credit losses	(12)	(3)	(20)	(35)
Total net business and government loans	$ 40,697	$ 381	$ 94	$ 41,172

(1) Include clients' liability under acceptances.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

EXPOSURE TO CREDIT RISK OF LOANS AND OFF-BALANCE SHEET ITEMS *(continued)*

Off-balance sheet items[(1)]

	Non-credit impaired		Credit-impaired	
As at June 30, 2020	**Stage 1**	**Stage 2**	**Stage 3**	**Total**
Residential mortgages, consumer, credit card and other personal loans				
Excellent	$ 14,043	$ 1	$ -	$ 14,044
Very low	20,866	3	-	20,869
Low	7,476	66	-	7,542
Moderate	3,654	1,354	-	5,008
High	24	716	-	740
Default	-	-	68	68
Total gross off-balance sheet items	$ 46,063	$ 2,140	$ 68	$ 48,271
Allowance for credit losses	(30)	(4)	-	(34)
Total net off-balance sheet items	$ 46,033	$ 2,136	$ 68	$ 48,237
Business and government				
Acceptable risk:				
Investment grade	$ 13,137	$ -	$ -	$ 13,137
Other than investment grade	8,442	926	-	9,368
Under watch	119	454	-	573
Default	-	-	33	33
Total gross off-balance sheet items	$ 21,698	$ 1,380	$ 33	$ 23,111
Allowance for credit losses	(6)	(2)	-	(8)
Total net off-balance sheet items	$ 21,692	$ 1,378	$ 33	$ 23,103

(1) Loan commitments for which the Federation estimates a loss allowance for expected credit losses comprise credit commitments and documentary letters of credit, while financial guarantees for which it estimates a loss allowance for expected credit losses comprise guarantees and standby letters of credit.

	Non-credit impaired		Credit-impaired	
As at December 31, 2019	Stage 1	Stage 2	Stage 3	Total
Residential mortgages, consumer, credit card and other personal loans				
Excellent	$ 13,159	$ 3	$ -	$ 13,162
Very low	19,690	2	-	19,692
Low	7,525	16	-	7,541
Moderate	3,786	1,188	-	4,974
High	14	722	-	736
Default	-	-	32	32
Total gross off-balance sheet items	$ 44,174	$ 1,931	$ 32	$ 46,137
Allowance for credit losses	(24)	(2)	-	(26)
Total net off-balance sheet items	$ 44,150	$ 1,929	$ 32	$ 46,111
Business and government				
Acceptable risk:				
Investment grade	$ 12,850	$ -	$ -	$ 12,850
Other than investment grade	9,057	78	-	9,135
Under watch	36	53	-	89
Default	-	-	2	2
Total gross off-balance sheet items	$ 21,943	$ 131	$ 2	$ 22,076
Allowance for credit losses	(6)	-	-	(6)
Total net off-balance sheet items	$ 21,937	$ 131	$ 2	$ 22,070

(1) Loan commitments for which the Federation estimates a loss allowance for expected credit losses comprise credit commitments and documentary letters of credit, while financial guarantees for which it estimates a loss allowance for expected credit losses comprise guarantees and standby letters of credit.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

ALLOWANCE FOR CREDIT LOSSES

The following tables present the changes in the balance of the loss allowance for expected credit losses on loans and off-balance sheet items.

	Non-credit impaired		Credit-impaired	Allowance for
For the six-month period ended June 30, 2020	**Stage 1**	**Stage 2**	**Stage 3**	**credit losses**
Residential mortgages				
Balance at beginning of period	**$ 5**	**$ 1**	**$ 4**	**$ 10**
Provision for credit losses				
Transfers to[1]:				
Stage 1	**-**	**-**	**-**	**-**
Stage 2	**-**	**-**	**-**	**-**
Stage 3	**-**	**-**	**-**	**-**
Net remeasurement due to transfers[2]	**-**	**1**	**-**	**1**
Changes in model inputs[3]	**1**	**2**	**-**	**3**
New originations or acquisitions[4]	**1**	**-**	**-**	**1**
Derecognition and maturities[5]	**-**	**-**	**-**	**-**
Net drawdowns (repayments)[6]	**-**	**-**	**-**	**-**
Other	**-**	**(1)**	**1**	**-**
	2	**2**	**1**	**5**
Write-offs and recoveries	**-**	**-**	**-**	**-**
Balance at end of period	**$ 7**	**$ 3**	**$ 5**	**$ 15**
Consumer, credit card and other personal loans[7]				
Balance at beginning of period	**$ 133**	**$ 188**	**$ 130**	**$ 451**
Provision for credit losses				
Transfers to[1]:				
Stage 1	**149**	**(140)**	**(9)**	**-**
Stage 2	**(40)**	**77**	**(37)**	**-**
Stage 3	**-**	**(23)**	**23**	**-**
Net remeasurement due to transfers[2]	**(10)**	**15**	**131**	**136**
Changes in model inputs[3]	**(109)**	**87**	**110**	**88**
New originations or acquisitions[4]	**24**	**16**	**-**	**40**
Derecognition and maturities[5]	**(9)**	**(16)**	**(24)**	**(49)**
Net drawdowns (repayments)[6]	**(8)**	**(11)**	**(5)**	**(24)**
Other	**-**	**(1)**	**1**	**-**
	(3)	**4**	**190**	**191**
Write-offs and recoveries	**-**	**-**	**(169)**	**(169)**
Balance at end of period	**$ 130**	**$ 192**	**$ 151**	**$ 473**
Business and government				
Balance at beginning of period	**$ 12**	**$ 3**	**$ 20**	**$ 35**
Provision for credit losses				
Transfers to[1]:				
Stage 1	**1**	**(1)**	**-**	**-**
Stage 2	**(8)**	**8**	**-**	**-**
Stage 3	**-**	**-**	**-**	**-**
Net remeasurement due to transfers[2]	**-**	**7**	**42**	**49**
Changes in model inputs[3]	**8**	**21**	**15**	**44**
New originations or acquisitions[4]	**5**	**1**	**-**	**6**
Derecognition and maturities[5]	**(2)**	**(1)**	**-**	**(3)**
Net drawdowns (repayments)[6]	**1**	**1**	**1**	**3**
Other	**-**	**-**	**(2)**	**(2)**
	5	**36**	**56**	**97**
Write-offs and recoveries	**-**	**-**	**-**	**-**
Balance at end of period	**$ 17**	**$ 39**	**$ 76**	**$ 132**
Total balances at end of period	**$ 154**	**$ 234**	**$ 232**	**$ 620**
Composed of:				
Loans	**$ 118**	**$ 228**	**$ 232**	**$ 578**
Off-balance sheet items[8]	**36**	**6**	**-**	**42**

[1] Represent transfers between stages before the remeasurement of expected credit losses.
[2] Represents the remeasurement of the loss allowance for expected credit losses resulting from transfers between stages.
[3] Represent the change in the allowance resulting from changes in credit risk parameters and other model inputs.
[4] Represent the increase in the allowance for new originations or acquisitions during the period, including loans that were derecognized and for which a new asset was recognized following a modification of terms.
[5] Represent mainly the decrease in the allowance for fully repaid loans, including loans that were derecognized and for which a new asset was recognized following a modification of terms.
[6] Represent changes in the allowance attributable to drawdowns and repayments on outstanding loans.
[7] For purposes of this table, the entire allowance for credit losses on off-balance sheet items is presented in the "Consumer, credit card and other personal loans" section as the allowance amounts and changes therein attributable to other off-balance sheet items categories are not material.
[8] The allowance for credit losses on off-balance sheet items is presented under "Other liabilities – Other" in the Consolidated Balance Sheets.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

ALLOWANCE FOR CREDIT LOSSES *(continued)*

	Non-credit impaired		Credit-impaired	Allowance for
For the six-month period ended June 30, 2019	Stage 1	Stage 2	Stage 3	credit losses
Residential mortgages				
Balance at beginning of period	$ 4	$ 1	$ 5	$ 10
Provision for credit losses				
Transfers to[1]:				
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Stage 3	-	-	-	-
Net remeasurement due to transfers[2]	-	-	-	-
Changes in model inputs[3]	-	-	-	-
New originations or acquisitions[4]	-	-	-	-
Derecognition and maturities[5]	-	-	-	-
Net drawdowns (repayments)[6]	-	-	-	-
Other	-	-	-	-
	-	-	-	-
Write-offs and recoveries	-	-	-	-
Balance at end of period	$ 4	$ 1	$ 5	$ 10
Consumer, credit card and other personal loans[7]				
Balance at beginning of period	$ 129	$ 259	$ 110	$ 498
Provision for credit losses				
Transfers to[1]:				
Stage 1	142	(134)	(8)	-
Stage 2	(27)	48	(21)	-
Stage 3	-	(19)	19	-
Net remeasurement due to transfers[2]	(47)	26	97	76
Changes in model inputs[3]	(82)	13	104	35
New originations or acquisitions[4]	31	27	-	58
Derecognition and maturities[5]	(12)	(29)	(24)	(65)
Net drawdowns (repayments)[6]	(10)	(22)	-	(32)
Other	-	-	-	-
	(5)	(90)	167	72
Write-offs and recoveries	-	-	(163)	(163)
Balance at end of period	$ 124	$ 169	$ 114	$ 407
Business and government				
Balance at beginning of period	$ 9	$ 5	$ 6	$ 20
Provision for credit losses				
Transfers to[1]:				
Stage 1	2	(2)	-	-
Stage 2	-	-	-	-
Stage 3	-	-	-	-
Net remeasurement due to transfers[2]	(1)	-	5	4
Changes in model inputs[3]	(1)	(1)	(4)	(6)
New originations or acquisitions[4]	2	-	-	2
Derecognition and maturities[5]	(1)	-	-	(1)
Net drawdowns (repayments)[6]	1	-	1	2
Other	-	-	5	5
	2	(3)	7	6
Write-offs and recoveries	-	-	-	-
Balance at end of period	$ 11	$ 2	$ 13	$ 26
Total balances at end of period	$ 139	$ 172	$ 132	$ 443
Composed of:				
Loans	$ 112	$ 170	$ 132	$ 414
Off-balance sheet items[8]	27	2	-	29

[1] Represent transfers between stages before the remeasurement of expected credit losses.
[2] Represents the remeasurement of the loss allowance for expected credit losses resulting from transfers between stages.
[3] Represent the change in the allowance resulting from changes in credit risk parameters and other model inputs.
[4] Represent the increase in the allowance for new originations or acquisitions during the period, including loans that were derecognized and for which a new asset was recognized following a modification of terms.
[5] Represent mainly the decrease in the allowance for fully repaid loans, including loans that were derecognized and for which a new asset was recognized following a modification of terms.
[6] Represent changes in the allowance attributable to drawdowns and repayments on outstanding loans.
[7] For purposes of this table, the entire allowance for credit losses on off-balance sheet items is presented in the "Consumer, credit card and other personal loans" section as the allowance amounts and changes therein attributable to other off-balance sheet items categories are not material.
[8] The allowance for credit losses on off-balance sheet items is presented under "Other liabilities – Other" in the Consolidated Balance Sheets.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

KEY DATA AND ASSUMPTIONS

Estimating the loss allowance for expected credit losses is based on a set of assumptions and methodologies specific to credit risk and changes in economic conditions and therefore requires significant judgment to be exercised. The development of the COVID-19 pandemic and its future resolution give rise to uncertainty. Management therefore had to make particularly complex judgments to estimate the loss allowance for expected credit losses in the current situation, which increases the risk of adjustments in future periods.

The main sources of uncertainty regarding the pandemic that required management to make significant judgments to estimate the loss allowance for expected credit losses as at June 30, 2020 relate to, but are not limited to, the assessment of the impact of the situation on the risk of default by borrowers and the determination of significant increases in credit risk, as well as the determination of the macroeconomic variables used to calculate the allowance.

Significant judgments had to be made to estimate the negative impact of the unprecedented current situation on the risk of default by the different types of borrowers and, consequently, on the determination of significant increases in credit risk and the measurement of the allowance. Estimating this impact also requires considering the positive effect of support measures by central banks and governments, which reached an unprecedented level and have constantly evolved since the outset of the pandemic. With respect to the use of the payment deferral program that it offers its members and clients, the Federation considered that it was not, taken individually. an indication of an increase in the risk of default over the life of the financial instrument. Accordingly, the use of such program was not considered to be, on its own, a sufficient criterion for concluding to a significant increase in credit risk and transferring a financial instrument to Stage 2 of the impairment model. Furthermore, the use of such program does not result in additional days past due.

The Federation uses three macroeconomic scenarios to calculate the loss allowance for expected credit losses, namely a base scenario, an upside scenario and a downside scenario. Projections for each scenario are provided for a four-year horizon. The major uncertainty resulting from the COVID-19 pandemic makes it significantly more complex to determine reasonable and supportable assumptions concerning the change in macroeconomic variables for the various scenarios and the related probability of occurrence. This uncertainty, which relates in particular to the duration and magnitude of the impact of the COVID-19 pandemic on the various macroeconomic variables used in the models as well as to the positive effect of support measures by central banks and governments, required management to make significant judgments to revise the assumptions concerning forward-looking information. Considering the atypical nature of the current economic crisis, management applied expert credit judgment as to the degree of correlation between input data related to forward-looking indicators and expected credit losses.

The macroeconomic scenarios selected for calculating the loss allowance for expected credit losses include the value ranges over the projection horizon for the most significant variables for credit risk parameters presented in the following tables:

	Base scenario		Upside scenario		Downside scenario	
As at June 30, 2020	Next 12 months	Remaining forecast period	Next 12 months	Remaining forecast period	Next 12 months	Remaining forecast period
Macroeconomic variables[1]						
Gross domestic product (annualized change)	**15.0%**	**1.4%**	**16.7%**	**1.7%**	**9.2 %**	**2.0%**
Unemployment rate (average)	**7.8%**	**5.7%**	**7.5%**	**5.1%**	**11.9%**	**7.5%**
Consumer Price Index (annualized change)	**2.2%**	**1.8%**	**3.7%**	**2.3%**	**(1.0)%**	**1.3%**
Housing prices (annualized change)	**2.0%**	**2.9%**	**6.4%**	**2.8%**	**(7.4)%**	**2.4%**
Corporate credit spread[2] (average)	**139 bp**	**123 bp**	**108 bp**	**89 bp**	**205 bp**	**151 bp**
S&P/TSX stock index[2] (annualized change)	**21.4%**	**8.3%**	**33.2%**	**8.9%**	**(5.4)%**	**9.1%**

[1] All macroeconomic variables relate to the Québec economy, unless otherwise noted.
[2] Macroeconomic variables related to the Canadian economy.

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

KEY DATA AND ASSUMPTIONS *(continued)*

	Base scenario		Upside scenario		Downside scenario	
As at December 31, 2019	Next 12 months	Remaining forecast period	Next 12 months	Remaining forecast period	Next 12 months	Remaining forecast period
Macroeconomic variables[1]						
Gross domestic product (annualized change)	1.3%	1.5%	2.3%	1.9%	(1.0)%	1.3%
Unemployment rate (average)	4.5%	4.5%	4.1%	3.5%	6.1%	7.1%
Consumer Price Index (annualized change)	1.9%	1.7%	3.8%	2.6%	(1.9)%	1.5%
Housing prices (annualized change)	1.5%	0.7%	6.3%	1.9%	(5.8)%	(0.4)%
Corporate credit spread[2] (average)	124 bp	125 bp	94 bp	87 bp	173 bp	157 bp
S&P/TSX stock index[2] (annualized change)	4.7%	2.9%	9.9%	7.6%	(25.8)%	8.6%

[1] All macroeconomic variables relate to the Québec economy, unless otherwise noted.
[2] Macroeconomic variables related to the Canadian economy.

The revision of macroeconomic scenarios and the probability of occurrence associated with each of them had a significant upward impact on the loss allowance for expected credit losses as at March 31, 2020. During the second quarter of 2020, economic conditions experienced an even steeper drop than what was anticipated as at March 31, mainly due to a longer than projected confinement and a more gradual than expected deconfinement. This resulted in an additional increase in the allowance for credit losses as at June 30, 2020 compared to the previous quarter. However, with the phase-out of the main confinement measures, economic activity has already started to recover.

Consequently, the base scenario forecasts a substantial improvement in economic activity in the third quarter of 2020, with a rebound in real GDP of slightly over 40% on an annualized basis and a recovery that continues in the fourth quarter of 2020 and in 2021. The unemployment rate should continue to improve relatively quickly in the short term to end 2020 below the 8% mark. The housing market could face some turmoil in the short run, but this scenario foresees growth in prices by the end of 2020 that would continue in 2021.

In the downside scenario, the economy would further decline in the fourth quarter of 2020 due to a second wave of COVID-19 cases and the reintroduction of some restrictions on economic activity. The lower rebound in real GDP of 25% forecast for the third quarter of 2020 would be followed by negative growth of 10% in the fourth quarter, and the economic growth would afterward remain slower than in the base scenario. The economic setback in the fourth quarter of 2020 would be accompanied by an unemployment rate going back to over 12%. With respect to the housing market, the downside scenario expects a decrease of approximately 15% in house prices.

The upside scenario essentially assumes that the economic recovery will be faster than in the base scenario. It foresees that the unemployment rate would continue to improve relatively quickly in the short term and remain slightly lower than in the base scenario. The upside scenario anticipates a slightly stronger increase in house prices by the end of 2020.

The development of the economic outlook after June 30, 2020 will be considered in estimating the loss allowance for expected credit losses in future periods.

SENSITIVITY ANALYSIS OF THE ALLOWANCE FOR CREDIT LOSSES ON NON-CREDIT IMPAIRED LOANS

Scenarios

The amount of the loss allowance for expected credit losses depends on the probability of occurrence associated with each scenario. The following table compares the allowance for credit losses on non-credit impaired loans and off-balance sheet items at the reporting dates, which takes into account the probability weighting for the three scenarios, with the allowance for credit losses that would have been obtained if a weighting of 100% had been assigned to each scenario individually.

	Allowance for credit losses on non-credit impaired loans and off-balance sheet items	
	As at June 30, 2020	As at December 31, 2019
Under IFRS 9	**$ 388**	$ 342
Weighting of 100% assigned to the scenario		
Base	**$ 351**	$ 344
Upside	**308**	327
Downside	**506**	346

NOTE 5 – LOANS AND ALLOWANCE FOR CREDIT LOSSES *(continued)*

SENSITIVITY ANALYSIS OF THE ALLOWANCE FOR CREDIT LOSSES ON NON-CREDIT IMPAIRED LOANS *(continued)*

Transfers between stages

The following table compares the allowance for credit losses on non-credit impaired loans and off-balance sheet items at the reporting dates with the allowance for credit losses that would have been obtained if all non-credit impaired loans had been included in Stage 1 of the impairment model.

	Allowance for credit losses on non-credit impaired loans and off-balance sheet items	
	As at June 30, 2020	As at December 31, 2019
Under IFRS 9	**$ 388**	$ 342
If all non-credit impaired loans and off-balance sheet items had been included in Stage 1	**$ 350**	$ 332

DERECOGNITION OF FINANCIAL ASSETS

During the quarter, the Federation participated in the Canada Emergency Business Account (CEBA) federal program, implemented in collaboration with Export Development Canada (EDC). Under this program, we grant loans that are funded by the government. We have determined that these loans qualified for derecognition as all cash flows are remitted to EDC and, in addition, substantially all the risks and rewards of ownership of the loans have been transferred. The Federation has a continued involvement with these derecognized loans as it services them. As at June 30, 2020, loans totalling $3 million have been granted to the Federation's clients under the CEBA program.

In addition, the Federation collaborates in the Business Development Bank of Canada (BDC) Co-Lending Program implemented through the Business Credit Availability Program (BCAP), under which the Federation grant term loans. BDC and the Federation entered into a joint facility under which BDC acquires an 80% participation in term loans granted to eligible Federation members and clients. The participation in loans that is funded by BDC is derecognized from the Consolidated Balanced Sheets as the risks and rewards, including all interest and credit losses, are transferred to BDC. The Federation has a continued involvement with these derecognized loans as it services them. As at June 30, 2020, no loans have been granted to our clients specifically under this program.

NOTE 6 – INTERESTS IN OTHER ENTITIES

COVERED BONDS

Under its covered bond program, the Federation issues debt securities guaranteed by a pool of mortgage loans. A structured entity is in place to guarantee principal and interest payments owing to the holders of the covered bonds issued by the Federation. This entity is controlled by the Federation, and therefore included in its Consolidated Financial Statements. The Federation granted financing to the entity in order to facilitate the acquisition of these assets. The financing granted by the Federation may reach a maximum amount equal to the outstanding loans held by this entity for purposes of guaranteeing the covered bonds issues. Under the terms and conditions of each of the issuance agreements, the Federation has limited access to the assets that are legally owned by this structured entity. As a result of the COVID-19 pandemic, the Bank of Canada has temporarily expanded the list of eligible collateral for its term repo operations program, which now includes "own-name" covered bonds issued by the Federation (self-held). These assets do not meet the recognition criteria neither for the structured entity nor for the Federation, and are therefore not recognized in their respective balance sheets. The covered bonds, amounting to $5,922 million as at June 30, 2020 ($5,654 million as at December 31, 2019), are presented under "Deposits – Business and government" in the Consolidated Balance Sheets.

NOTE 7 – DEPOSITS

Deposits consist of demand deposits (payable on demand), notice deposits (payable upon notice) and term deposits (payable on a fixed date). Demand deposits are interest-bearing or non-interest-bearing deposits, primarily accounts with chequing privileges, for which the Federation does not have the right to require notice prior to withdrawal. Notice deposits are interest-bearing deposits, primarily savings accounts, for which the Federation has the legal right to require notice prior to withdrawal. Term deposits are interest-bearing deposits, primarily fixed-term deposit accounts, guaranteed investment certificates or other similar instruments, with a term that generally varies from 1 day to 10 years and mature on a predetermined date.

The following table presents the breakdown of deposits.

	As at June 30, 2020				As at December 31, 2019			
	Payable on demand	Payable upon notice	Payable on a fixed date	Total	Payable on demand	Payable upon notice	Payable on a fixed date	Total
Individuals	$ 3,318	$ 38	$ 711	$ 4,067	$ 3,128	$ 32	$ 555	$ 3,715
Business and government	9,786	-	46,452	56,238	5,835	-	43,089	48,924
Deposit-taking institutions	8,482	-	6,134	14,616	2,596	-	3,737	6,333
	$ 21,586	$ 38	$ 53,297	$ 74,921	$ 11,559	$ 32	$ 47,381	$ 58,972

NOTE 8 – SUBORDINATED NOTES

On May 26, 2020, the Federation issued subordinated notes qualifying as Non-Viability Contingent Capital (NVCC) amounting to $1 billion, less issuance fees of $3 million. The notes bear interest at an annual fixed rate of 2.856% until May 26, 2025 and, afterwards, at an interest rate equal to the 3-month bankers' acceptance rate plus 2.11% until their maturity on May 26, 2030. These notes are redeemable at the option of the issuer on or after May 26, 2025, subject to conditions and prior approval by the regulatory authority. In addition, these notes are automatically and immediately convertible into Class Z-Contingent capital shares of the Federation upon the occurrence of a trigger event, as defined in the regulations governing capital.

NOTE 9 – ACCUMULATED OTHER COMPREHENSIVE INCOME

The following table presents the main components of “Accumulated other comprehensive income” (net of taxes).

	As at June 30, 2020		As at December 31, 2019	
	Group’s share	Non-controlling interests’ share	Group’s share	Non-controlling interests' share
Items that will be reclassified subsequently to the Consolidated Statements of Income				
Net unrealized gains on debt securities classified as at fair value through other comprehensive income[1]	$ 401	$ 5	$ 128	$ 1
Net unrealized gains (losses) related to the overlay approach adjustment for insurance operations financial assets	(25)	(4)	132	6
Net gains (losses) on derivative financial instruments designated as cash flow hedges	21	-	(12)	-
Net unrealized exchange gains on the translation of a net investment in a foreign operation, net of hedging transactions	2	-	1	-
Accumulated other comprehensive income	$ 399	$ 1	$ 249	$ 7

[1] Take into account an allowance for credit losses of $18 million as at June 30, 2020 ($3 million as at December 31, 2019) on securities classified as at fair value through other comprehensive income.

NOTE 10 – CAPITAL MANAGEMENT

Capital management is a function covering all Desjardins Group operations, including those of the Federation. Accordingly, the description of the Federation’s capital management and the manner in which it meets its capital management objectives are derived from the orientation followed for all Desjardins Group operations. The goal of capital management at Desjardins Group is to ensure that a sufficient level of high-quality capital is maintained for the following reasons: to have flexibility for its development, to maintain favourable credit ratings and to maintain the confidence of depositors and financial markets.

The Federation’s capital ratios are calculated according to the guideline on adequacy of capital base standards applicable to financial services cooperatives (the guideline) issued by the AMF and the applicable relief measures implemented by the AMF in response to the COVID-19 pandemic.

The minimum Tier 1A capital ratio that the Federation must maintain is 8.0%. In addition, its Tier 1 capital ratio and total capital ratio must be above 9.5% and 11.5%, respectively. For the leverage ratio, the minimum requirement is 3.0%.

As at June 30, 2020, the Federation was in compliance with the AMF's capital ratio and leverage ratio regulatory requirements.

The following table presents the Federation’s regulatory capital balances, risk-weighted assets and capital ratios.

(in millions of dollars and as a percentage)	As at June 30, 2020	As at December 31, 2019
Capital		
Tier 1A capital	$ 11,898	$ 11,073
Tier 1 capital	11,898	11,073
Total capital[1]	12,158	11,073
Risk-weighted assets for total capital calculation purposes		
Credit risk	54,522	53,243
Market risk	2,949	3,091
Operational risk	9,117	9,063
Total risk-weighted assets	$ 66,588	$ 65,397
Ratios and leverage ratio exposure		
Tier 1A capital	17.9%	16.9%
Tier 1 capital	17.9	16.9
Total capital	18.3	16.9
Leverage	9.2	9.0
Leverage ratio exposure	$ 129,393	$ 123,322

[1] During the second quarter of 2020, the Federation issued subordinated notes qualifying as Non-Viability Contingent Capital and considered as Tier 2 capital securities. For more information, see Note 8, “Subordinated notes”.

NOTE 11 – NET INTEREST INCOME AND NET INVESTMENT INCOME

NET INTEREST INCOME

The following table presents the breakdown of net interest income according to the classification of financial assets and liabilities.

	For the three-month periods ended June 30		For the six-month periods ended June 30	
	2020	2019	**2020**	2019
Interest income on financial assets				
At amortized cost	**$ 548**	$ 722	**$ 1,273**	$ 1,441
At fair value through other comprehensive income	**107**	40	**159**	85
At fair value through profit or loss	**-**	5	**1**	12
	655	767	**1,433**	1,538
Interest expense on financial liabilities				
At amortized cost	**279**	395	**651**	801
	$ 376	$ 372	**$ 782**	$ 737

NET INVESTMENT INCOME

The following table presents the breakdown of investment income and loss according to the classification of financial assets and liabilities.

For the three-month periods ended June 30	2020			2019		
	Interest income and expense	**Fair value gains (losses) and other**	**Total**	Interest income and expense	Fair value gains (losses) and other	Total
Net investment income on financial assets and liabilities						
Classified as at fair value through profit or loss	**$ 70**	**$ 529**	**$ 599**	$ 66	$ 81	$ 147
Designated as at fair value through profit or loss	**115**	**1,673**	**1,788**	133	618	751
Classified as at fair value through other comprehensive income	**25**	**98**	**123**	35	19	54
At amortized cost and other	**30**	**129**	**159**	33	6	39
	$ 240	**$ 2,429**	**$ 2,669**	$ 267	$ 724	$ 991

For the six-month periods ended June 30	2020			2019		
	Interest income and expense	**Fair value gains (losses) and other**	**Total**	Interest income and expense	Fair value gains (losses) and other	Total
Net investment income on financial assets and liabilities						
Classified as at fair value through profit or loss	**$ 129**	**$ (373)**	**$ (244)**	$ 140	$ 338	$ 478
Designated as at fair value through profit or loss	**254**	**1,473**	**1,727**	264	1,495	1,759
Classified as at fair value through other comprehensive income	**61**	**189**	**250**	70	20	90
At amortized cost and other	**62**	**248**	**310**	66	22	88
	$ 506	**$ 1,537**	**$ 2,043**	$ 540	$ 1,875	$ 2,415

NOTE 12 – SEGMENTED INFORMATION

RESULTS BY BUSINESS SEGMENT

During the first quarter of 2020, some changes were made to business segments to reflect management's decisions on how each segment is managed. Certain Desjardins Securities activities that were previously presented in the Wealth Management and Life and Health Insurance segment are now presented in the Personal and Business Services segment. Certain Desjardins Trust activities that were previously presented in the Personal and Business Services segment are now presented in the Wealth Management and Life and Health Insurance segment. Comparative figures were restated to reflect these reclassifications.

The following table provides a summary of the Federation's financial results by business segment.

	Personal and Business Services		Wealth Management and Life and Health Insurance		Property and Casualty Insurance		Treasury and Other Support to Desjardins Group Entities		Consolidated	
For the three-month periods ended June 30	**2020**	2019	**2020**	2019	**2020**	2019	**2020**	2019	**2020**	2019
Net interest income	**$ 277**	$ 285	**$ 3**	$ 3	**$ -**	$ -	**$ 96**	$ 84	**$ 376**	$ 372
Net premiums	**-**	-	**1,087**	1,085	**1,215**	1,222	**(39)**	(37)	**2,263**	2,270
Other income	**543**	525	**2,358**	1,208	**157**	37	**232**	131	**3,290**	1,901
Total income	**820**	810	**3,448**	2,296	**1,372**	1,259	**289**	178	**5,929**	4,543
Provision for credit losses	**97**	(6)	**1**	-	**-**	-	**10**	-	**108**	(6)
Claims, benefits, annuities and changes in insurance contract liabilities	**-**	-	**2,590**	1,559	**1,026**	805	**-**	(3)	**3,616**	2,361
Non-interest expense	**606**	624	**519**	517	**323**	303	**334**	372	**1,782**	1,816
Operating surplus earnings	**117**	192	**338**	220	**23**	151	**(55)**	(191)	**423**	372
Income taxes on surplus earnings	**26**	50	**77**	41	**7**	28	**57**	(63)	**167**	56
Net surplus earnings for the period after dividends to member caisses	**$ 91**	$ 142	**$ 261**	$ 179	**$ 16**	$ 123	**$ (112)**	$ (128)	**$ 256**	$ 316
of which:										
Group's share	**$ 91**	$ 142	**$ 261**	$ 179	**$ 9**	$ 105	**$ (112)**	$ (128)	**$ 249**	$ 298
Non-controlling interests' share	**-**	-	**-**	-	**7**	18	**-**	-	**7**	18

NOTE 12 – SEGMENTED INFORMATION *(continued)*

RESULTS BY BUSINESS SEGMENT *(continued)*

For the six-month periods ended June 30	Personal and Business Services 2020	Personal and Business Services 2019	Wealth Management and Life and Health Insurance 2020	Wealth Management and Life and Health Insurance 2019	Property and Casualty Insurance 2020	Property and Casualty Insurance 2019	Treasury and Other Support to Desjardins Group Entities 2020	Treasury and Other Support to Desjardins Group Entities 2019	Consolidated 2020	Consolidated 2019
Net interest income	**$ 596**	$ 578	**$ 6**	$ 6	**$ -**	$ -	**$ 180**	$ 153	**$ 782**	$ 737
Net premiums	**-**	-	**2,304**	2,282	**2,592**	2,406	**(82)**	(73)	**4,814**	4,615
Other income	**1,091**	1,081	**2,636**	2,684	**242**	160	**211**	175	**4,180**	4,100
Total income	**1,687**	1,659	**4,946**	4,972	**2,834**	2,566	**309**	255	**9,776**	9,452
Provision for credit losses	**290**	77	**3**	-	**-**	-	**14**	1	**307**	78
Claims, benefits, annuities and changes in insurance contract liabilities	**-**	-	**3,631**	3,578	**2,068**	1,906	**-**	(3)	**5,699**	5,481
Non-interest expense	**1,292**	1,274	**1,043**	1,009	**653**	610	**522**	581	**3,510**	3,474
Operating surplus earnings	**105**	308	**269**	385	**113**	50	**(227)**	(324)	**260**	419
Income taxes on surplus earnings	**24**	81	**49**	73	**24**	8	**(43)**	(115)	**54**	47
Net surplus earnings for the period after dividends to member caisses	**$ 81**	$ 227	**$ 220**	$ 312	**$ 89**	$ 42	**$ (184)**	$ (209)	**$ 206**	$ 372
of which:										
Group's share	**$ 81**	$ 227	**$ 220**	$ 312	**$ 69**	$ 27	**$ (184)**	$ (209)	**$ 186**	$ 357
Non-controlling interests' share	**-**	-	**-**	-	**20**	15	**-**	-	**20**	15

SEGMENT ASSETS

	Personal and Business Services	Wealth Management and Life and Health Insurance	Property and Casualty Insurance	Treasury and Other Support to Desjardins Group Entities	Consolidated
As at June 30, 2020	**$ 73,609**	**$ 49,574**	**$ 14,684**	**$ 53,038**	**$ 190,905**
As at December 31, 2019	$ 63,019	$ 48,072	$ 13,860	$ 39,462	$ 164,413

GENERAL INFORMATION

The Fédération des caisses Desjardins du Québec

100 Des Commandeurs Street
Lévis, Québec
G6V 7N5 Canada
Telephone: 514 281-7000
www.desjardins.com

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