

Annual Report Canada Pension Plan 2014–2015



Annual Report of the Canada Pension Plan 2014–2015

Employment and Social Development Canada (ESDC) is responsible for the administration of the Canada Pension Plan (CPP). This report is produced by ESDC in collaboration with Finance Canada, Social Security Tribunal of Canada, the Canada Revenue Agency, the Office of the Superintendent of Financial Institutions and the CPP Investment Board.

For more details on subjects covered in this report, or about the CPP in general, please visit www.esdc.gc.ca.

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Government Gouvernement du Canada

His Excellency

The Governor General of Canada

May it please Your Excellency:

We have the pleasure of submitting the Annual Report of the Canada Pension Plan for the fiscal year 2014–2015.

Respectfully,

The Honourable William Francis Morneau Minister of Finance

The Honourable Jean-Yves Duclos Minister of Fanilies, Children and Social Development



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2014–2015 AT A GLANCE

- The maximum pensionable earnings of the Canada Pension Plan (CPP) increased from \$52,500 in 2014 to \$53,600 in 2015. The contribution rate remained unchanged at 9.9 percent.
- CPP contributions totalled **\$45.0 billion** this year.
- **5.3 million** CPP beneficiaries were paid, representing a total annual benefit value of **\$38.7 billion**.
- **4.6 million** CPP retirement pensioners were paid **\$29.6 billion** this year.
- **1.1 million** surviving spouses or common-law partners and **67,000** children of deceased contributors were paid **\$4.5 billion** this year.
- **329,000** people with disabilities and **83,000** of their children were paid **\$4.2 billion** this year.
- **139,000** recipients of death benefits were paid **\$312 million** this year.
- **755,000** post-retirement beneficiaries were paid **\$142 million** this year.
- Operating expenses amounted to \$1.3 billion, or 3.45 percent of the \$38.7 billion in benefits.
- As at March 31, 2015, total CPP net assets were valued at **\$269.6 billion**, of which **\$264.6 billion** is managed by the CPP Investment Board.

Note: Figures above have been rounded. A beneficiary may receive more than one type of benefit.

CANADA PENSION PLAN IN BRIEF

Most employees in Canada over the age of 18 contribute either to the CPP or to its sister plan, the Quebec Pension Plan (QPP).

The CPP is managed jointly by the federal and provincial governments. Quebec manages and administers its own comparable plan, the QPP, and participates in decision-making for the CPP. Benefits from either plan are based on pension credits accumulated under both plans.

For more information on the QPP, visit **www.retraitequebec.gouv.qc.ca**

Contributions

The CPP is financed through investment income and through mandatory contributions from employees, employers and those who are self-employed.

Workers start contributing to the Plan at age 18, or from the Plan's beginning in 1966, whichever is later. The first \$3,500 of annual earnings is exempted from contributions. Contributions are then made on earnings between \$3,500 and \$53,600, which is the earnings ceiling for 2015.

Employees contribute at a rate of 4.95 percent, and employers match that with an equal contribution. Self-employed individuals contribute at the combined rate for employees and employers of 9.9 percent on net business income, after expenses. While many Canadians associate the CPP with retirement pensions, the CPP also provides disability, death, survivor, children's and post-retirement benefits. The CPP administers the largest long-term disability plan in Canada. It pays monthly benefits to eligible contributors with a disability and also to their children, helps some beneficiaries return to the workforce through vocational rehabilitation services and offers return-to-work support.

Most benefit calculations are based on how much and for how long a contributor has paid into the CPP and, in some cases, the age of the beneficiary. With the exception of the postretirement benefit, benefits are not paid automatically—everyone must apply.

| Contributions for 2015 | |
|---|-------------|
| Year's maximum pensionable earnings | \$53,600.00 |
| Year's basic exemption | \$3,500.00 |
| Year's maximum contributory earnings | \$50,100.00 |
| Year's maximum employee/employer contribution (4.95%) | \$2,479.95 |
| Year's maximum self-employed person's contribution (9.9%) | \$4,959.90 |

BENEFITS AND EXPENDITURES

Given the aging of our population, the number of people receiving CPP benefits has increased steadily over the past decade. As a result, expenditures have also increased. Figure 1 shows the yearly increases in beneficiaries and expenditures during 2014–2015; Figure 2 shows the percentage of expenditures by type of benefit.

Figure 1:

CPP - beneficiaries and expenditures by fiscal year

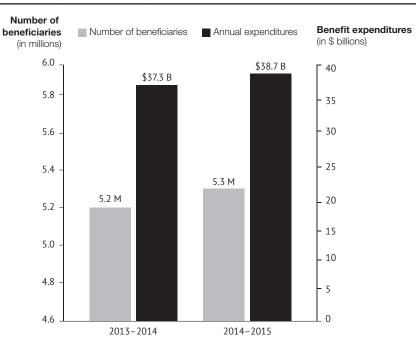
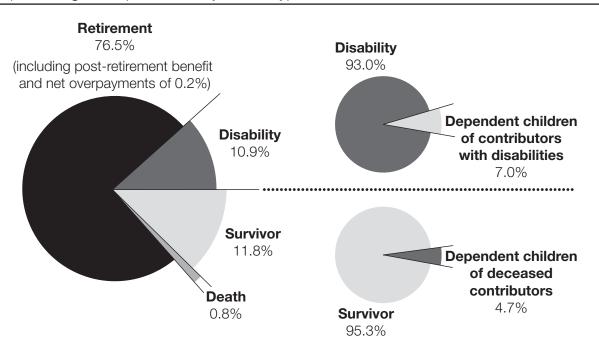


Figure 2:

CPP – percentage of expenditures by benefit type 2014–2015



Retirement pensions

To begin receiving a retirement pension, the applicant must have made at least one valid contribution to the Plan and must have reached the age of 60.

Retirement pensions represent nearly 77 percent (\$29.6 billion) of the total benefit amount paid out (\$38.7 billion) by the CPP in 2014–2015. The amount of contributors' pensions depends on how much and for how long they have contributed and at what age they begin to receive the benefits. In 2015, the maximum monthly retirement pension at age 65 was \$1,065. The average payment in 2014–2015 was \$543.05.

Adjustments for early and late receipt of a retirement pension

Canadians are living longer and healthier lives, and the transition from work to retirement is increasingly diverse. The CPP offers flexibility for older workers who are making the transition to retirement.

CPP contributors can choose the right time for their retirement pension based on their individual circumstances and needs. Contributors have the flexibility to take their retirement pension earlier or later than the normal age of 65. In order to ensure fair treatment of contributors and beneficiaries, those who take their retirement pension after age 65 receive a higher amount. This adjustment reflects the fact that these beneficiaries will, on average, make contributions to the CPP for a longer period of time but receive their benefit for a shorter period of time. Conversely, those who take their retirement pension before age 65 receive a reduced amount, reflecting the fact that they will, on average, make contributions to the CPP for a shorter period of time but receive their benefit for a longer period of time.

Since 2011, a gradual change in these adjustment factors was implemented to modernize the CPP. By 2016, the adjustment factors will have reached their adjusted actuarially fair levels. The new factors will ensure that, on average, payments of retirement pensions are the same over time regardless of when individuals choose to begin their pensions.

RETIREMENT PENSION TAKEN BEFORE AGE 65

Since 2012, the adjustment factor for early retirement has been increased on an annual basis; this annual increase will continue until 2016. In 2015, those who started receiving their retirement pension before age 65 had the amount permanently reduced by 0.58 percent per month. The maximum reduction was 34.8 percent for those who took their retirement pension when they turned 60. By 2016, it will be 0.6 percent per month, which means that a contributor who starts receiving a retirement pension at age 60 will receive 36 percent less than if it were taken at age 65.

RETIREMENT PENSION TAKEN AFTER AGE 65

From 2011 to 2013, the adjustment factor for late retirement was increased annually. Those who started receiving their retirement pension after age 65 had the amount permanently increased by 0.57 percent per month in 2011, by 0.64 percent per month in 2012 and by 0.7 percent per month in 2013. This means that a contributor who delays receiving a retirement pension until age 70 will receive 42 percent more than if it were taken at age 65.

Post-retirement benefits

In 2012, a new CPP benefit, the post-retirement benefit, was implemented. It allows CPP retirement pension beneficiaries who keep working to increase their retirement income by continuing to participate in the CPP, even if they are already receiving the maximum CPP retirement pension.

Canadians between the ages of 60 and 64 who receive a CPP or QPP retirement pension and work outside of Quebec began making mandatory CPP contributions toward the post-retirement benefit on January 1, 2012, while those between the ages of 65 and 70 who receive the retirement benefit while working can choose whether to continue contributing. No contributions are made after age 70. Contributions toward the post-retirement benefit do not create eligibility for or increase the amount of other CPP benefits. Payment of the benefit started in 2013.

In 2014–2015, 755,000 CPP retirement pensioners received a post-retirement benefit. The maximum monthly benefit amount at age 65 for 2015 was \$26.63. The average monthly payment in 2014–2015 was \$11.84.

As a working beneficiary, each year of contributions results in a post-retirement benefit, which is payable the following year. It is added to any previously earned post-retirement benefits. The amount of these benefits increases with the cost of living and is payable until the death of the contributor.

Disability benefits

The disability pension provides partial earnings replacement to CPP contributors who cannot work due to a severe and prolonged disability resulting from a physical or mental condition. Dependent children of disabled beneficiaries may also be eligible for children's benefits.

In 2014–2015, a total of \$4.2 billion in benefits were paid to 329,000 disabled beneficiaries and to 83,000 children of disabled beneficiaries. These benefits represented approximately 11 percent of the total benefits paid out by the CPP in 2014–2015.

The disability pension includes a monthly flat rate, which was \$465.84 in 2015. It also includes an earnings-related portion, which is 75 percent of the retirement pension that would have been earned had the contributor not become disabled. In 2015, the maximum disability benefit was \$1,264.59 per month. The average monthly payment in 2014–2015 was \$866.53.

The benefit paid to dependent children of disabled beneficiaries is a flat rate. In 2015, the amount was \$234.87 per month. To be eligible, children must be either under age 18, or between ages 18 and 25 and in full-time attendance at school or university.

Survivor benefits

Survivor benefits are paid to the surviving spouse or common-law partner of the contributor and his or her dependent children. The benefit amount varies depending on a number of factors, including the age of the surviving spouse or common-law partner at the time of the contributor's death and whether the survivor also receives other CPP benefits.

In 2014–2015, there were 1.1 million survivors receiving benefits. In 2014–2015, survivor benefits represented nearly 12 percent (\$4.5 billion) of the total benefits paid out by the CPP.

The maximum survivor's pension for those under age 65 was \$581.13 per month in 2015. This includes a flat-rate portion of \$181.75 and an earnings-related portion, which is 37.5 percent of the deceased contributor's retirement pension. The maximum monthly amount at age 65 and over was \$639.00, consisting of 60 percent of the deceased contributor's retirement pension. For 2014–2015, the average monthly payment for all survivor pensions was \$328.27. The benefit paid to dependent children of deceased contributors is a flat rate. In 2015, the amount was \$234.87 per month. To be eligible, children must be either under age 18, or between ages 18 and 25 and in full-time attendance at school or university.

Death benefits

The CPP death benefit is a lump-sum payment that amounts to six times the amount of the deceased contributor's monthly retirement pension, up to a maximum of \$2,500. In 2014–2015, death benefit payments represented less than 1 percent of the total benefits paid out by the CPP. The average payment was \$2,294 in 2014–2015.

Benefit summary

The table below summarizes the maximum and average monthly amounts paid to beneficiaries by benefit type.

| Benefit type | Maximum monthly amount 2015 | Average monthly amount (in 2014–2015) |
|----------------------------------|-----------------------------|--|
| Retirement pension | \$1,065.00* | \$543.05 |
| Post-retirement benefit | \$26.63* | \$11.84 |
| Survivor benefit | \$639.00 | \$328.27 |
| Disability benefit | \$1,264.59 | \$866.53 |
| Death benefit (one-time payment) | \$2,500.00 | \$2,294.00 |
| * At age 65. | | |

Provisions

The CPP includes provisions that help to compensate for periods when individuals may have relatively low or no earnings. Dropping low- or no-earnings periods from the calculation of average earnings increases the amount of one's CPP benefit.

GENERAL DROP-OUT

The general drop-out provision helps to offset periods of low or no earnings due to unemployment, schooling or other reasons. As a result, this increases the benefit amount for most people. For benefits starting in 2014 and thereafter, up to 17 percent of lowest earnings, representing a maximum of eight years, can be dropped from the benefit calculation.

CHILD REARING PROVISION

The child rearing provision excludes from the calculation of benefits the periods during which contributors have remained at home, or have reduced their participation in the workforce, to care for children under the age of seven. Until the child reaches seven years of age, every month following the birth of the child can be excluded from the benefit calculation, provided the contributor meets all criteria, including low or no earnings. The provision may also assist those applying for survivor or disability benefits in meeting the contributory requirements for benefit eligibility.

DISABILITY EXCLUSION

Periods during which individuals are disabled in accordance with the CPP or QPP legislation are not included in their contributory period. This ensures that individuals who are not able to pursue any substantially gainful work are not penalized.

OVER-65 DROP-OUT

This provision may help to increase the benefit amounts of workers who continue to work and make CPP contributions after reaching age 65, but do not yet receive the CPP retirement pension. It allows periods of relatively low earnings before age 65 to be replaced by higher earnings after age 65.

Features

The CPP also includes many progressive features that recognize family and individual circumstances. These features include pension sharing, credit splitting, portability and indexation.

PENSION SHARING

Pension sharing allows spouses or common-law partners who are together and receiving their CPP retirement pensions to share a portion of each other's pensions. This feature also allows one pension to be shared between them even if only one person has contributed to the Plan. The amount that is shared depends on the time the couple has lived together and their joint CPP contributory period. Pension sharing affords a measure of financial protection to the lower-earning spouse or common-law partner. Also, while it does not increase or decrease the overall pension amount paid, it may result in tax savings. Each person is responsible for any income tax that may be payable on the pension amount they receive.

CREDIT SPLITTING

When a marriage or common-law relationship ends, the CPP credits accumulated by the couple during the time they lived together can be divided equally between them, if requested by or on behalf of either spouse or common-law partner. This is called "credit splitting." Credits can be split even if only one partner contributed to the Plan. Credit splitting may increase the amount of CPP benefits payable, or even create eligibility for benefits.

Credit splitting permanently alters the Record of Earnings, even after the death of a former spouse or common-law partner.

PORTABILITY

No matter how many times workers change jobs, and no matter in which province they work, CPP and QPP coverage remains uninterrupted.

INDEXATION

CPP payments are indexed to the cost of living. Benefit amounts are adjusted in January of each year to reflect increases in the Consumer Price Index published by Statistics Canada. As CPP beneficiaries age, the value of their CPP benefit is protected against inflation.

RECONSIDERATION AND APPEALS PROCESS

Clients who are not satisfied with an initial decision on their CPP application may ask the Minister of Employment and Social Development to reconsider, or administratively review, the decision. The majority of reconsideration requests pertain to disability benefit applications.

In 2014–2015, Service Canada issued approximately 14,700 reconsiderations of decisions related to CPP benefits, division of pension credits and pension sharing. Of these reconsidered decisions, 66 percent were upheld while 34 percent were reversed.

Clients who are not satisfied with the Minister's reconsidered decision may appeal to the Social Security Tribunal (SST).

The SST is an independent administrative tribunal that makes fair and impartial quasi-judicial decisions on appeals related to the *Canada Pension Plan*, the *Old Age Security Act* and the *Employment Insurance Act*.

The SST began its operations on April 1, 2013, and was created to simplify and streamline income security and Employment Insurance appeal processes by offering a single point of contact for all cases.

The SST is divided into two separate divisions: a **General Division** and an **Appeal Division**. All decisions are made by individual members. The General Division includes two sections:

• The Income Security Section makes decisions on appeals from decisions of Employment and Social Development Canada related to the *Canada Pension Plan and Old Age Security Act;* and • The Employment Insurance Section makes decisions on appeals from decisions of the Canada Employment Insurance Commission related to the *Employment Insurance Act*.

The Appeal Division reviews the decisions issued from both sections of the General Division.

General Division, Income Security Section

Before April 1, 2013, income security appeals were filed with the Office of the Commissioner of Review Tribunals (OCRT). On April 1, 2013, 7,255¹ appeals from the OCRT (of which 6,929 are related to CPP benefits) were transferred to the General Division, Income Security Section. As of March 31, 2015, of the 6,929 CPP-related cases transferred, 3,956 (57 percent) were concluded.

In 2014–2015, the General Division, Income Security Section, received 4,158 new appeals related to CPP benefits. As of March 31, 2015, there were 551 new CPP appeals concluded.

Appeal Division, Income Security Cases

Before the SST was created, OCRT decisions pertaining to the CPP could be appealed to the Pension Appeals Board (PAB). On April 1, 2013, in addition to 194 cases received throughout the year, 466² income security appeals, previously filed with the PAB, were transferred to the SST's Appeal Division. As of March 31, 2015, of the 466 CPP-related cases transferred from the PAB, 464 (99.5 percent) were concluded.

In 2014–2015, the Appeal Division received 150 new cases related to CPP benefits from the General Division, Income Security Section. As of March 31, 2015, there were 260³ new appeals related to CPP benefits concluded.

¹7,224 cases were initially reported as the number of cases transferred from the OCRT in 2013–2014. This number has since been adjusted to 7,255.

² 447 cases were initially reported as the number of cases transferred from the PAB in 2013–2014. This number has since been adjusted to 466.

³ The 260 appeals concluded as at March 31, 2015, include cases received from 2013–2014.

ENSURING FINANCIAL SUSTAINABILITY

As joint stewards of the CPP, the federal and provincial Ministers of Finance review the CPP's financial state every three years and make recommendations as to whether benefits and/or contribution rates should be changed. They base their recommendations on a number of factors, including the results of an examination of the CPP by the Chief Actuary. The Chief Actuary is required under the legislation to produce an actuarial report on the CPP every three years (in the first year of the legislated ministerial triennial review of the Plan). The CPP legislation also provides that upon request of the Minister of Finance, the Chief Actuary prepares an actuarial report any time a bill is introduced in the House of Commons that has, in the view of the Chief Actuary, a material impact on the estimates in the most recent triennial actuarial report. This reporting ensures that the long-term financial implications of proposed Plan changes are given timely consideration by the Ministers of Finance.

The most recent actuarial report on the CPP, the *Twenty-sixth Actuarial Report on the Canada Pension Plan,* prepared by the Office of the Chief Actuary (OCA), was tabled by the Minister of Finance in Parliament on December 3, 2013. The report stated that over the long term, the Plan remains sustainable at the current contribution rate of 9.9 percent. The Finance Ministers will base their 2013–2015 triennial review on a number of factors, including the conclusions of the *Twenty-sixth Actuarial Report on the Canada Pension Plan.*

Changes to the CPP legislation governing the level of benefits, the rate of contributions or the investment policy framework can be made only through an Act of Parliament. Any such changes also require the agreement of at least two-thirds of the provinces, representing at least two-thirds of the population of all the provinces. The changes come into force only after a notice period, unless all of the provinces waive this requirement, and only after provincial Orders in Council have provided formal consent by the provinces to the federal legislation enacting the changes. Quebec participates in decision-making regarding changes to the CPP legislation to ensure a high degree of portability of QPP and CPP benefits across Canada.

As the result of a past triennial review, changes were made to the CPP legislation to modernize the Plan. These changes enhance flexibility and support both older and younger workers in a fair and affordable way, as described earlier under "Benefits and expenditures."

> To read more about the recent amendments to the CPP, visit **www.canada.ca**

Actuarial reporting

The Twenty-sixth Actuarial Report on the Canada Pension Plan presents the financial status of the CPP as of December 31, 2012, and takes into account the recent changes to modernize the Plan, as well as the actual demographic and economic trends since December 31, 2009. According to the Report, the CPP is expected to meet its obligations and remain financially sustainable over the long term under the current contribution rate of 9.9 percent.

A panel of three independent Canadian actuaries, selected by the United Kingdom Government Actuary's Department (GAD) through an arm's length process, reviewed the Twenty-sixth Actuarial Report on the Canada Pension Plan. The external panel's findings confirmed that the work performed by the OCA on the Report met all professional standards of practice and statutory requirements, and stated that the assumptions and methods used were reasonable. In addition to these main conclusions, the panel made a number of recommendations regarding the preparation of future actuarial reports. The recommendations dealt with various aspects of the reporting process, including data, methodology, assumptions and communication of results. The GAD concluded that the opinions given by the panel adequately addressed all the main issues. As a result, Canadians can have confidence in the results of the Twenty-sixth Actuarial Report on the Canada Pension Plan and the conclusions reached by the Chief Actuary about the long-term financial sustainability of the Plan.

The next triennial actuarial report on the Canada Pension Plan, which reports on the financial status of the Plan as of December 31, 2015, is due by December 2016.

> To view the CPP's actuarial reports, reviews and studies, visit **www.osfi-bsif.gc.ca**

Funding approach

When it was introduced in 1966, the CPP was designed as a pay-as-you-go plan with a small reserve. This meant that the benefits for one generation would be paid largely from the contributions of later generations. This approach made sense under the demographic and economic circumstances of the time, due to the rapid growth in wages, labour force participation and the low rates of return on investments.

However, demographic and economic developments, as well as changes to benefits and an increase in disability claims in the following three decades, resulted in significantly higher costs.

When federal, provincial and territorial Ministers of Finance began their review of the CPP's finances in 1996, contribution rates, already legislated to rise to 10.1 percent by 2016, were expected to rise again—to 14.2 percent by 2030—to continue to finance the CPP on a pay-as-you-go basis. Continuing to finance the CPP on the same basis as in the past would have meant imposing a heavy financial burden on the future Canadian workforce. This was deemed unacceptable by the participating governments.

Amendments were therefore made in 1998 to gradually raise the level of CPP funding by: increasing contribution rates over the short term; reducing the growth of benefits over the long term; and investing cash flows not needed to pay benefits in the financial markets through the CPP Investment Board in order to achieve higher rates of return. A further amendment was included to ensure that any increase in benefits or new benefits provided under the CPP would be fully funded. The reform package agreed to by the federal and provincial governments in 1997 included:

- The introduction of steady-state funding This replaced pay-as-you-go financing to build a reserve of assets and stabilize the ratio of assets to expenditures over time. According to the Twenty-sixth Actuarial Report on the Canada Pension Plan, the level of assets under steady-state funding is projected to stabilize at a level equal to about five years of expenditures. Investment income from this pool of assets will help pay benefits as the large cohort of baby boomers retires. Steady-state funding is based on a constant rate that finances the CPP without the full-funding requirement for increased or new benefits. The steady-state rate was determined to be 9.84 percent for 2016 and thereafter in the Twenty-sixth Actuarial Report on the Canada Pension Plan.
- The introduction of incremental full funding -• This means that changes to the CPP that increase or add new benefits will be fully funded. In other words, benefit costs are paid as the benefit is earned, and any costs associated with benefits that are already earned and not paid for are amortized and paid for over a defined period of time, consistent with common actuarial practice. In the Twenty-sixth Actuarial Report on the Canada Pension Plan, the full-funding rate was determined to be 0.01 percent for 2013 and thereafter. According to CPP Regulations regarding the calculation of the Plan's contribution rates, if the full-funding rate is less than 0.02 percent, then it is deemed to be zero. As a result, the full-funding rate under the Twenty-sixth Actuarial Report on the Canada Pension Plan is deemed to be zero, and the

funding of the most recent amendments to the CPP is provided entirely by the steady-state rate. The minimum contribution rate required to fund the CPP, which is the sum of the steady-state and full-funding rates, is thus equal to the steady-state rate of 9.84 percent for 2016 and thereafter.

Both of these funding objectives were introduced to improve fairness across generations. The move to steady-state funding eases some of the contribution burden on future generations. Under full funding, each generation that receives benefit enrichments is more likely to pay for them in full and not pass on the cost to future generations. These full-funding requirements were made operational through new regulations that came into effect with the passage of *An Act to amend the Canada Pension Plan and the Old Age Security Act* (2008).

Financing

According to the financial projections of the Twenty-sixth Actuarial Report on the Canada Pension Plan, the annual amount of contributions paid by Canadians into the CPP is expected to exceed the annual amount of benefits paid out up to and including 2022, and to be less than the amount of benefits thereafter. Funds not immediately required to pay benefits will be transferred to the CPP Investment Board for investment. Plan assets are expected to accumulate rapidly over this period and, over time, will help pay for benefits as more and more baby boomers begin to collect their retirement pensions. In 2023 and thereafter, as baby boomers continue to retire and benefits paid begin to exceed contributions, investment income from the accumulated assets will provide the funds necessary to make up the difference; however, contributions will remain the main source of funding for benefits.

The goal of the financing policy of the CPP is to ensure the long-term financial sustainability of the Plan by stabilizing the ratio of assets to expenditures under the steady-state contribution rate. As such, the key measure of the financial health of the CPP is the adequacy and stability of the CPP's steady-state contribution rate and, thus, the legislated rate over time. The Twenty-sixth Actuarial Report on the Canada Pension Plan provides comparisons of the assets, actuarial liabilities, asset shortfall and assets to liability percentages under two approaches. The first, referred to as the "open group approach," considers the benefits and contributions of both current and future Plan participants and is consistent with the partial funding design of the CPP. Under this approach,

the Plan's assets represented 99.6 percent of the actuarial liability (with an asset shortfall of \$8.9 billion) as at December 31, 2012. The open group approach is considered by the OCA as being the most appropriate in the context of the CPP and confirms the Plan's long-term financial sustainability under a 9.9 percent contribution rate. The second approach, the "closed group approach," considers only current participants and does not recognize future contributions as a major source of financing and, as such, it is considered by the OCA as being inappropriate in assessing the financial sustainability of the CPP. A study, titled Assessing the Sustainability of the Canada Pension Plan through Actuarial Balance Sheets – Actuarial Study No.13 describes both approaches in more detail and is available on the website of the Office of the Superintendent of Financial Institutions.

If, at any time, the legislated contribution rate is lower than the minimum contribution rate, and if the Ministers of Finance do not recommend either increasing the legislated rate or maintaining it, then legislative provisions would apply to sustain the CPP. An increase in the legislated rate would be phased in over three years, and benefit indexation would be suspended until the following triennial review. By law, any further enhancement of the CPP must be fully funded. The next triennial review in 2016–2018 will examine the financial status of the CPP based on the results of the next triennial actuarial report.

FINANCIAL ACCOUNTABILITY

The CPP uses the accrual basis of accounting for revenues and expenditures. This method gives administrators a detailed financial picture and allows accurate matching of revenue and expenditures in the year in which they occur.

CPP Account

A separate account, the CPP Account, has been established in the accounts of the Government of Canada to record the financial elements of the CPP (i.e. contributions, interest, earned pensions and other benefits paid, as well as administrative expenditures). The CPP Account also records the amounts transferred to, or received from, the CPP Investment Board (CPPIB). Spending authority is limited to the CPP's net assets. The CPP assets are not part of the federal government's revenues and expenditures.

In keeping with *An Act to amend the Canada Pension Plan and the Canada Pension Plan Investment Board Act* (Bill C-3), which came into force on April 1, 2004, the CPPIB is responsible for investing the remaining funds after the CPP operational needs have been met. The CPP Account's operating balance is managed by the Government of Canada.

CPP Investment Board

Created by an Act of Parliament in 1997, the CPPIB is a professional investment management organization with a critical purpose—to help provide a foundation on which Canadians build financial security in retirement. The CPPIB invests the assets of the CPP not currently needed to pay pension, disability and survivor benefits. The CPPIB is accountable to Parliament and to the federal and provincial Ministers of Finance who serve as the CPP's stewards. However, the CPPIB is governed independently from the CPP, operating at arm's length from governments. Its headquarters are located in Toronto, with offices in Hong Kong, London, Luxembourg, New York and São Paulo.

The CPPIB's legislated mandate is to maximize investment returns without undue risk, taking into account the factors that may affect the funding of the CPP and its ability to meet its financial obligations.

According to the *Twenty-sixth Actuarial Report on the Canada Pension Plan,* the Chief Actuary reaffirmed that the CPP remains sustainable at the current contribution rate of 9.9 percent throughout the 75-year period of his report. The report also indicates that CPP contributions are expected to exceed annual benefits paid until 2023, when a portion of the investment income from the CPPIB will be needed to help pay CPP benefits.

> For more information on the CPPIB mandate, governance structure and investment policy, visit **www.cppib.com**

CPP assets and cash management

The 2004 legislation (Bill C-3) stipulates that any excess cash to the CPP must be transferred to the CPPIB once the benefit and administration expenses have been paid, to gain a better return. The cash flow forecasts of the CPP determine the amount of funds to be transferred to or from the CPPIB, and these forecasts are updated regularly.

The CPP administration continues to work closely with the CPPIB, various government departments and banks to coordinate these transfers and manage a tightly controlled process. A control framework is in place to ensure that the transfer process is followed correctly and that all controls are effective. For instance, the CPP administration obtains confirmation at all critical transfer points and can therefore monitor the cash flow from one point to the next.

CPP net assets

As at March 31, 2015, the CPP net assets totalled \$269.6 billion. The Government of Canada held \$5.0 billion to meet CPP financial needs. The remaining \$264.6 billion is managed by the CPPIB.

For the 10-year period ending March 31, 2015, the Fund held by the CPPIB had an annualized net rate of return of 8 percent or \$129.5 billion in cumulative net investment income.

Investing for our future

In terms of net assets, the CPP Fund ranks among the world's 10 largest retirement funds. In managing the Fund, the CPPIB pursues a diverse set of investment programs that contribute to the long-term sustainability of the CPP.

In 2006, the CPPIB made the strategic decision to move away from index-based investments towards a more active investment approach in order to seek returns higher than those available from passive investments.

The CPPIB invests in public equities, private equities, bonds, private debt, real estate, infrastructure, agriculture and other investment areas. The CPPIB's investments have become increasingly international, as it diversifies risk and seeks growth opportunities in global markets. In doing so, the CPPIB applies its comparative advantages—scale, certainty of assets and a long investment horizon—to pursue the best investment opportunities in the world.

The CPPIB draws on internal expertise and partnerships with external investment managers to build its global portfolio.

CPPIB reporting

The CPPIB reports on a quarterly basis. Legislation requires the CPPIB to hold public meetings at least every two years in each province, excluding Quebec, which operates the QPP.

The purpose of these meetings is for the CPPIB to present its most recent annual report and to provide the public with the opportunity to ask questions about the policies, operations and future plans of the CPPIB.

INTERNATIONAL AGREEMENTS

Many individuals have lived or worked in Canada and in other countries. Consequently, Canada has entered into social security agreements with other countries to help people in Canada and abroad to qualify for CPP benefits and pensions from partner countries to which they would otherwise not be entitled. Furthermore, social security agreements enable Canadian companies and their employees who are sent to work temporarily outside the country to maintain their CPP coverage and eliminate the need to contribute to the social security program of the other country for the same work. As of March 31, 2015, Canada has social security agreements in force with 56 countries. In addition, three new social security agreements have been signed and will enter into force once legal procedures have been completed. Negotiations towards social security agreements are ongoing with many other countries. The names of countries with which Canada has concluded social security agreements are listed in the following table.



Canada has concluded social security agreements with the following countries:

| Country Name | Date of Agreement | Country Name | Date of Agreement |
|---------------------|-------------------|----------------------------------|-------------------|
| Antigua and Barbuda | January 1, 1994 | Latvia | November 1, 2006 |
| Australia | September 1, 1989 | Lithuania | November 1, 2006 |
| Austria | November 1, 1987 | Luxembourg | April 1, 1990 |
| Barbados | January 1, 1986 | Malta | March 1, 1992 |
| Belgium | January 1, 1987 | Mexico | May 1, 1996 |
| Brazil | August 1, 2014 | Morocco | March 1, 2010 |
| Bulgaria | March 1, 2014 | Netherlands | October 1, 1990 |
| Chile | June 1, 1998 | New Zealand | May 1, 1997 |
| Croatia | May 1, 1999 | Norway | January 1, 1987 |
| Cyprus | May 1, 1991 | Philippines | March 1, 1997 |
| Czech Republic | January 1, 2003 | Poland | October 1, 2009 |
| Denmark | January 1, 1986 | Portugal | May 1, 1981 |
| Dominica | January 1, 1989 | Republic of Macedonia | November 1, 2011 |
| Estonia | November 1, 2006 | Romania | November 1, 2011 |
| Finland | February 1, 1988 | Saint Lucia | January 1, 1988 |
| France | March 1, 1981 | Saint Vincent and the Grenadines | November 1, 1998 |
| Germany | April 1, 1988 | Serbia | December 1, 2014 |
| Greece | May 1, 1983 | Slovak Republic | January 1, 2003 |
| Grenada | February 1, 1999 | Slovenia | January 1, 2001 |
| Hungary | October 1, 2003 | St. Kitts and Nevis | January 1, 1994 |
| Iceland | October 1, 1989 | Spain | January 1, 1988 |
| Ireland | January 1, 1992 | Sweden | January 1, 1986 |
| Israel * | September 1, 2003 | Switzerland | October 1, 1995 |
| Italy | January 1, 1979 | Trinidad and Tobago | July 1, 1999 |
| Jamaica | January 1, 1984 | Turkey | January 1, 2005 |
| Japan | March 1, 2008 | United Kingdom* | April 1, 1998 |
| Jersey and Guernsey | January 1, 1994 | United States of America | August 1, 1984 |
| Korea | May 1, 1999 | Uruguay | January 1, 2002 |

In addition, social security agreements have been signed with China, India and Peru. They will enter into force once legal procedures have been completed.

*The social security agreements with China, Israel and the United Kingdom provide an exemption from the obligation to contribute to the social security system of the other country for employers and their employees temporarily posted abroad. These agreements do not contain provisions concerning eligibility for pension benefits.

Collecting and recording contributions

All CPP contributions are remitted to the Canada Revenue Agency (CRA). The CRA also assesses and verifies earnings and contributions, advises employers and employees of their rights and responsibilities, conducts audits and reconciles reports and T4 slips. To verify that contribution requirements are met, the CRA applies a compliance and enforcement process that can vary from a computerized data match to an on-site audit.

As of March 31, 2015, there were 1,734,765 existing employer accounts. In 2014–2015, the CRA conducted 51,331 examinations to promote compliance with the requirements to withhold, report and remit employer source deductions. Employers and employees account for approximately 95 percent of contributions, and the remaining 5 percent comes from the self-employed. In 2014–2015, contributions amounted to \$45.0 billion.

Overpayment of benefits

Consistent with its mandate to manage the CPP effectively, Employment and Social Development Canada (ESDC) has procedures in place to detect benefit overpayments. During 2014–2015, overpayments totalling \$75 million were detected, \$49 million in overpayments were recovered and debts of \$4 million were forgiven. The above figures represent a net increase of \$22 million in the accounts receivable for the year.

Operating expenses

CPP operating expenses of \$1.337 billion in 2014–2015 represent 3.45 percent of the \$38.7 billion in benefits paid. Table 1 presents the CPP's operating expenses for the last two years.

Table 1:

CPP operating expenses for 2014–2015 and 2013-2014

| Department/Agency/Crown Corporation | 2014–2015 | |
|--|-----------|-----------|
| | | 2013–2014 |
| CPP Investment Board ⁴ | 803 | 576 |
| Employment and Social Development Canada | 326 | 313 |
| Canada Revenue Agency | 173 | 169 |
| Treasury Board Secretariat ⁵ | 17 | 15 |
| Public Works and Government Services Canada | 9 | 9 |
| Administrative Tribunals Support Service of Canada ⁶ | 7 | _ |
| Office of the Superintendent of Financial Institutions (where the Office of the Chief Actuary is housed)/ Finance Canada | 2 | 3 |
| Total | 1,337 | 1,085 |

⁴ The operating expenses for the CPPIB do not include the transaction costs and investment management fees since these are presented as part of net investment income (loss). For more details, refer to "Canada Pension Plan Consolidated Statement of Operations."

⁵ These expenses were previously included with ESDC.

⁶ These expenses were previously included with ESDC.

IMPROVING SERVICE DELIVERY

Within ESDC, Service Canada is the Government of Canada's one-stop service delivery network. In partnership with other departments, it provides Canadians with easy access to a growing range of government programs and services.

In 2014–2015, Service Canada continued its efforts to ensure that eligible Canadians are receiving public pensions and to encourage Canadians to actively plan and prepare for their own retirement. Information on the CPP is available in print, on the Internet, in person at local offices, by phone and at electronic kiosks in government offices and public buildings. Service Canada is advancing its e-service agenda through enhancements in the secure online My Service Canada Account that will position Service Offerings.

Currently underway is the development of a multi-year service improvement strategy for the CPP. This strategy among other activities will help streamline business operations, enhance e-service delivery and increase processing automation.

Online service delivery

Service Canada is continually improving its selfservice web-based options. Clients can now use the Internet to make enquiries, apply for a CPP retirement pension, conduct transactions and access other information on CPP benefits and provisions by visiting the website **www.servicecanada.gc.ca/eng/online/ cpp-oas.shtml.** CPP contributors can also view and print an official copy of their Statement of Contributions (SOC) by visiting the website **www.servicecanada.gc.ca/eng/services/ pensions/cpp/contributions/soc.shtml.** Contributors can also use this online service to request that copies of their SOC be issued by mail. Further, CPP recipients can view and print copies of their tax slips for the current year and the previous six years. In 2014–2015, approximately 91,000 individuals applied for their CPP retirement benefits online.

Service Canada has responded in the past few years to growing expectations regarding service delivery. My Service Canada Account and other self-serve tools have expanded citizens' capacity to find and access information online. My Service Canada Account provides a single point of access for users to apply for a CPP retirement pension and to view and update their information with the CPP program. Enhancements to the My Service Canada Account will further promote self-serve options for clients within the secure online tool.

Since 2005, CPP clients have been able to access their personal information securely online. They can view their monthly payment amounts and, if they live in Canada, can update their mailing address, phone numbers and direct deposit information. Service Canada has promoted the use of online services through:

- targeted mailing of promotional inserts in existing mass mailings;
- promotional messages within standard client correspondence;
- improved navigation to online services on the Service Canada home page; and
- promotional messages from staff at points of service and call centres.

Seasonal promotional activities are also undertaken where appropriate, such as promoting the online tax slip service during the tax-filing season. A significant increase in the use of online services is anticipated for benefit applications within the next few years.

Processing benefits

In 2014–2015, Service Canada processed approximately 280,300 applications for retirement benefits, and 91 percent of these benefits were paid within the first month of entitlement, exceeding the national objective (see Table 2).

During the same period, Service Canada also processed approximately 70,000 initial applications for disability benefits. Decisions were made on 81 percent of these initial applications within 120 calendar days of receipt of the completed application. With regard to disability benefit reconsiderations, Service Canada processed approximately 13,200 requests. Seventy-eight percent of all reconsideration decisions were made within 120 calendar days of receipt of the request.

The 2014–2015 national results for disability benefits represent the third year of strong results after the targets were missed in 2011–2012. These results reflect the Department's ongoing workload recovery efforts that focused on improving service levels and reducing the average processing times.

A continued strong emphasis on communication with clients and their physicians helped Service Canada staff make well-informed decisions and helped disability applicants better understand the reasons for those decisions.

| National measure | National objective | 2014–2015 National result |
|---|--------------------|------------------------------|
| CPP retirement applications Percentage of benefits paid within the first month of entitlement | 90% | 91% |
| CPP disability (initial decisions) Percentage of initial decisions made within 120 calendar days of receipt of applications | 75% | 81% |
| CPP disability (reconsideration decisions) Percentage of reconsideration decisions made within 120 calendar days of receipt of applications | 70% | 78% |

Ensuring program integrity

To ensure the accuracy of benefit payments, the security and privacy of personal information and the overall quality of service, ESDC continues to modernize the CPP program and further enhance the efficiency, accuracy and integrity of its operations.

Meeting the expectations of Canadians—that government services and benefits be delivered to the right person, for the right amount, for the intended purpose and at the right time—is a cornerstone of ESDC's service commitment. Enhanced and modernized integrity-related activities within the CPP program are essential to meeting these expectations and ensuring the public's trust and confidence in the effective management of this program. These activities consist of risk-based analysis measures, which ensure that appropriate and effective controls are in place and that the causes of incorrect payments are understood. Integrityrelated activities also include reviews of benefit entitlements and investigations to address situations in which clients are receiving benefits to which they are not entitled.

Integrity-related activities also detect and correct existing incorrect payments, reduce program costs by preventing incorrect payments and identify systemic impediments to clients receiving their correct and full benefit entitlement. As part of its efforts to address overpayment situations, ESDC has a program-integrity function that investigates suspected client error and fraud. By recovering overpayments and preventing future incorrect payments, these activities resulted in \$9.4 million in accounts receivable as overpayments and prevented an estimated \$7.1 million from being incorrectly paid in 2014–2015. A further estimated \$59.8 million has been prevented from being incorrectly paid for future years after 2014–2015. The recovered overpayments are credited to the CPP, thereby helping to maintain the long-term sustainability of the Plan.

In 2011, ESDC adopted the Identity Management Policy Suite, which aims to enhance program integrity while safeguarding and streamlining identity management processes in a manner that mitigates risks to personal and organizational security, and enables well-managed citizen-centered service delivery. The Identity Management Policy Suite provides guiding principles for ESDC organizations delivering services, benefits or programs, including the CPP. It assists them in the implementation of sound identity management practices across multiple service delivery channels (in-person, phone, mail and online).

The Identity Management Policy Suite also helps reduce costs, inefficiencies and the risk of errors, as well as improves the service experience for CPP clients. The mitigation of risks associated with false or inaccurate claims regarding the true identity of an individual or an organization is fundamental to the integrity of the CPP program.

LOOKING TO THE FUTURE

Since it began in 1966, the CPP has continually adapted to social and economic changes in order to respond to the evolving needs of Canadians. The Plan will continue to do so in the future.

Given the increasing CPP workload volumes and changing service expectations of Canadians, Service Canada is continuing to develop a strategy for the CPP in order to improve service and generate administrative efficiencies. The strategy will leverage work undertaken as part of government-wide reviews. In June 2015, an initial service improvement eliminated the ink-based signature requirements for the CPP, enabling fully automated processing of CPP retirement applications.

Canada Pension Plan

Consolidated Financial Statements for the year ended March 31, 2015

Canada Pension Plan Management's Responsibility for Financial Statements

The consolidated financial statements of the Canada Pension Plan are prepared in accordance with Canadian public sector accounting standards by the management of Employment and Social Development Canada. Management is responsible for the integrity and objectivity of the information in the financial statements, including the amounts which must, of necessity, be based on best estimates and judgment. The significant accounting policies are identified in Note 2 to the financial statements. The financial information presented throughout the Annual Report is consistent with the financial statements.

To fulfill its accounting and reporting responsibilities, management has developed and maintains books of account, financial and management controls, information systems and management practices. These systems are designed to provide reasonable assurance that financial information is reliable, that assets are safeguarded and that transactions are properly authorized and recorded in accordance with the *Canada Pension Plan Investment Board Act* and the *Financial Administration Act* and their accompanying regulations.

The Auditor General of Canada, the external auditor of the Canada Pension Plan, conducts an independent audit of the consolidated financial statements in accordance with Canadian generally accepted auditing standards and provides a report to the Minister of Employment and Social Development.

Alain P. Séguin, MBA, CPA, CGA Chief Financial Officer Employment and Social Development Canada Ian Shugart Deputy Minister Employment and Social Development Canada

Gatineau, Canada September 1, 2015



INDEPENDENT AUDITOR'S REPORT

To the Minister of Employment and Social Development

I have audited the accompanying consolidated financial statements of the Canada Pension Plan, which comprise the consolidated statement of financial position as at 31 March 2015, and the consolidated statement of operations, consolidated statement of changes in financial assets available for benefit payments and consolidated statement of cash flow for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express an opinion on these consolidated financial statements based on my audit. I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements presentation of the consolidated financial statements and the reasonableness of the consolidated financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Canada Pension Plan as at 31 March 2015, and the results of its operations, changes in its financial assets available for benefit payments, and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

Michael Ferguson, CPA, CA FCA (New Brunswick) Auditor General of Canada

1 September 2015 Ottawa, Canada

Canada Pension Plan Consolidated Statement of Financial Position

as at March 31

| | 2015 | 2014 |
|---|-------------|---------------|
| | (in million | s of dollars) |
| Financial assets | | |
| Cash (Note 3) | 271 | 167 |
| Receivables (Note 4) | 5,325 | 4,519 |
| Investments (Note 6) | 318,481 | 249,671 |
| Amounts receivable from pending trades (Note 6) | 2,908 | 2,251 |
| | 326,985 | 256,608 |
| | | , |
| Liabilities | | |
| Payables and accrued liabilities (Note 8) | 1,106 | 927 |
| Investment liabilities (Note 6) | 50,547 | 30,820 |
| Amounts payable from pending trades (Note 6) | 6,087 | 1,979 |
| | 57,740 | 33,726 |
| | 000.045 | 000 000 |
| Financial assets available for benefit payments | 269,245 | 222,882 |
| Non-financial assets | | |
| Tangible capital assets | 370 | 327 |
| Assets available for benefit payments | 269,615 | 223,209 |
| Actuarial obligation in respect of benefits (Note 14) | 209,013 | 223,209 |
| Contractual obligations (Note 15) | | |
| Contingent liabilities (Note 16) | | |
| | | |

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

Approved by:

Alain P. Séguin, MBA, CPA, CGA Chief Financial Officer Employment and Social Development Canada Ian Shugart Deputy Minister Employment and Social Development Canada

Canada Pension Plan Consolidated Statement of Operations

for the year ended March 31

| | Budget 2015 | Actual 2015 | Actual 2014 |
|--|----------------|----------------|---|
| | (Note 9) | | ons of dollars) |
| | (| (| |
| Revenues | | | |
| Contributions | 44,176 | 45,046 | 43,181 |
| Net investment income (Note 10) | | 0 707 | 0.000 |
| Realized gains | | 8,797 | 6,099 |
| Unrealized gains Interest income | | 27,208 | 19,987 2,834 |
| Dividend income | | 3,229 2,324 | 2,034 1,872 |
| Other income | | 1,413 | 1,072 |
| Transaction costs | | (273) | (216) |
| Investment management fees | | (1,254) | (947) |
| investment management reco | 9,536 | 41,444 | 30,713 |
| | 0,000 | | 00,110 |
| | 53,712 | 86,490 | 73,894 |
| | , | | |
| Expenses | | | |
| Pensions and benefits | | | |
| Retirement | 30,105 | 29,582 | 28,188 |
| Survivor | 4,386 | 4,334 | 4,248 |
| Disability | 4,175 | 3,939 | 4,002 |
| Disabled contributor's child | 323 | 296 | 300 |
| Death | 337 | 312 | 333 |
| Orphan | 233 | 213 | 217 |
| Post-Retirement | - | 142 | 85 |
| Net overpayments (Note 4) | - | (71) | (49) |
| | 39,559 | 38,747 | 37,324 |
| Operating expenses (Note 12) | 961 | 1,337 | 1,085 |
| | | | , |
| | 40,520 | 40,084 | 38,409 |
| Net increase in assets available for benefit payments | 13,192 | 46,406 | 35,485 |
| net more use in assets available for bencht payments | 10,102 | -0,-00 | 00,400 |
| Assets available for benefit payments, beginning of year | | | |
| | 223,209 | 223,209 | 187,724 |
| Assets available for benefit payments, end of year | 236,401 | 269,615 | 223,209 |

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

Canada Pension Plan Consolidated Statement of Changes in Financial Assets Available for Benefit Payments

for the year ended March 31

| | Budget 2015 | Actual 2015 | Actual 2014 |
|--|----------------|----------------|------------------|
| | (Note 9) | | ions of dollars) |
| Net increase in assets available for benefit payments | 13,192 | 46,406 | 35,485 |
| Changes in non-financial assets | - | (43) | (255) |
| Increase in financial assets available for benefit payments | 13,192 | 46,363 | 35,230 |
| Financial assets available for benefit payments, beginning of year | 222,882 | 222,882 | 187,652 |
| Financial assets available for benefit payments, end of year | 236,074 | 269,245 | 222,882 |

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

Canada Pension Plan Consolidated Statement of Cash Flow

for the year ended March 31

| | 2015 | 2014 |
|--|---------------------|---------------------|
| | (in millio | ns of dollars) |
| Operating activities | | |
| Cash receipts | | |
| Contributions | 44,301 | 43,659 |
| Dividends on investments | 1,960 | 1,644 |
| Interest on investments | 3,235 | 2,899 |
| Other investment income | 1,223 | 926 |
| Cash payments | (20.045) | (27.004) |
| Pensions and benefits Operating expenses | (38,845) (1,121) | (37,284) (1,075) |
| Investment management fees | (1,121) (555) | (338) |
| Transaction costs | (241) | (198) |
| Payment of interest on debt | (130) | (130) |
| Cash flows from operating activities | 9,827 | 10,157 |
| Capital Activities | | |
| Acquisition of tangible capital assets | (43) | (286) |
| Cash flows used in capital activities | (43) | (286) |
| Financing activities | | |
| Issuance of debt | 34,678 | 36,405 |
| Repayment of debt | (34,614) | (36,401) |
| Cash flows from financing activities | 64 | 4 |
| Investing activities | | |
| Purchases | | |
| Equities | (158,409) | (95,553) |
| Real assets | (6,255) | (6,079) |
| Bonds and inflation-linked bonds | (273,306) | (329,463) |
| Money market securities and absolute return strategies | (3,335,451) | (2,543,342) |
| Other debts | (10,852) | (7,229) |
| Disposals | | |
| Equities | 149,755 | 94,746 |
| Real assets | 3,539 | 2,884 |
| Bonds and inflation-linked bonds | 275,051 | 326,986 |
| Money market securities and absolute return strategies | 3,341,523 | 2,542,212 |
| Other debts | 4,661 | 5,038 |
| Cash flows used in investing activities | (9,744) | (9,800) |
| Net increase in cash | 104 | 75 |
| Cash, beginning of year | 167 | 92 |
| Cash, end of year | 271 | 167 |

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

1. Authority, Objective and Responsibilities

a) Description of the Canada Pension Plan

The Canada Pension Plan (CPP) is a federal–provincial plan established by an Act of Parliament in 1965. The CPP is administered by the Government of Canada and the participating provinces.

The CPP began operations in 1966. It is a compulsory and contributory social insurance program operating in all parts of Canada except Quebec, which operates the Régime de rentes du Québec (RRQ), a comparable program. The CPP's objective is to provide a measure of protection to workers and their families against the loss of earnings due to retirement, disability or death. The CPP is financed by contributions and investment returns. Employers and employees pay contributions equally to the CPP. Self-employed workers pay the full amount.

The Minister of Employment and Social Development is responsible for the administration of the CPP, under the legislation *Canada Pension Plan*; the Minister of National Revenue is responsible for collecting contributions. The Minister of Finance and his provincial counterparts are responsible for setting CPP contribution rates, pension and benefit levels and funding policy. The CPP Investment Board (CPPIB) is responsible for managing the amounts that are being transferred under section 108.1 of the *Canada Pension Plan*. It acts in the best interests of the beneficiaries and contributors under the Act.

In accordance with the *Canada Pension Plan*, the financial activities of the CPP are recorded in the CPP Account (Note 3). The financial transactions affecting the Account are governed by the *Canada Pension Plan* and its regulations. The CPP's investments are held by the CPPIB. The CPPIB was established pursuant to the *Canada Pension Plan Investment Board Act (CPPIB Act)*. The CPPIB is a federal Crown corporation and all of its shares are owned by Her Majesty the Queen in right of Canada.

The CPPIB's transactions are governed by the *CPPIB Act* and its accompanying regulations. The CPPIB's assets are to be invested with a view to achieving a maximum rate of return without undue risk of loss, with regard to the factors that may affect the funding of the CPP and its ability to meet its financial obligations on any given business day.

The CPPIB and its wholly-owned subsidiaries are exempt from Part I income tax under paragraphs 149(1)(d) and 149(1)(d.2) of the *Income Tax Act* (Canada) on the basis that all of the shares of the CPPIB and its subsidiaries are owned by Her Majesty the Queen in right of Canada or by a corporation whose shares are owned by Her Majesty the Queen in right of Canada, respectively.

The CPPIB is designed to operate at arm's length from the government. It is required to be accountable to the public, Parliament (through the federal Minister of Finance) and the provinces. It provides regular reports of its activities and the results achieved. The financial statements of the CPPIB are audited annually by an external firm and are included in its annual report.

As stated in the *Canada Pension Plan* and *CPPIB Act*, changes to these Acts require the approval of at least two-thirds of the provinces that have, in the aggregate, not less than two-thirds of the population of all included provinces.

b) Pensions and Benefits

Retirement pensions – A retirement pension is payable to CPP contributors at age 60 or older, according to the provisions of the Act. The monthly amount is equal to 25 percent of the contributor's average monthly pensionable earnings during the pensionable period. The amount is reduced or increased depending upon whether the contributor applies for a retirement pension before or after age 65. The maximum new monthly pension payable at age 65 in 2015 is \$1,065.00 (2014 – \$1,038.33).

Post-retirement benefits – A post-retirement benefit (PRB) pension is payable to each retirement pension recipient who has continued to work and has made contributions to the PRB while between the ages of 60 and 70, according to provisions of Bill C-51 of 2009. The PRB payments to eligible contributors came into effect on January 1, 2013. The maximum new monthly PRB at age 65 in 2015 is \$26.63 (2014 – \$25.96).

Disability benefits – A disability benefit is payable to a contributor who is disabled, according to the provisions of the Act. The amount of the disability benefit to be paid includes a flat-rate portion and an amount equal to 75 percent of the earned retirement pension. The maximum new monthly disability benefit in 2015 is \$1,264.59 (2014 – \$1,236.35).

Survivor's benefits – A survivor's benefit is payable to the spouse or common-law partner (the beneficiary) of a deceased contributor, according to the provisions of the Act. For a beneficiary under the age of 65, the benefit consists of a flat-rate portion and an amount equal to 37.5 percent of the deceased contributor's earned retirement pension. A beneficiary between the ages of 35 and 45 who is not disabled or who has no dependent children receives reduced benefits. For beneficiaries aged 65 and over, the benefit is equal to 60 percent of the retirement pension granted to the deceased contributor. The maximum new monthly benefit payable to a beneficiary in 2015 is \$639.00 (2014 – \$623.00).

Disabled contributor's child and orphan benefits – According to the provisions of the Act, each child of a contributor who is receiving disability benefits or a child of a deceased contributor is entitled to a benefit as long as the child is under the age of 18, or is between the ages of 18 and 25 and attending school full-time. The flat-rate monthly benefit in 2015 is \$234.87 (2014 - \$230.72).

Death benefits – According to the provisions of the Act, a death benefit is a one-time payment to, or on behalf of, the estate of a contributor. The death benefit is a lump-sum payment that amounts to six times the amount of the deceased contributor's monthly retirement pension, up to a maximum, in 2015, of \$2,500.00 (2014 – \$2,500.00).

Pensions and benefits indexation – As required by the Act, pensions and benefits are indexed annually based on the Consumer Price Index for Canada. The rate of indexation for 2015 is 1.8 percent (2014 - 0.9 percent).

2. Significant Accounting Policies

a) Basis of Presentation

These financial statements are presented on a consolidated basis. They include the consolidated statement of financial position, the consolidated statement of operations, the consolidated statement of changes in financial assets available for benefit payments and the consolidated statement of cash flow of the CPP and the CPPIB. These financial statements are prepared in accordance with Canadian public sector accounting standards (PSAS).

The CPP, which is managed by both the Government of Canada and participating provinces, is not considered to be part of the reporting entity of the Government of Canada. Accordingly, its financial activities are not consolidated with those of the Government.

b) International Financial Reporting Standards

The CPPIB, which is a significant component of the CPP consolidated financial statements, adopted International Financial Reporting Standards (IFRS) as of April 1, 2014. While there is no impact on financial assets available for benefit payments and net increase in assets available for benefit payments as a result of CPPIB's IFRS adoption, CPPIB's incremental financial statement disclosures related to investments, investment receivables and investment liabilities is supplementary information to the requirements of the PSAS.

c) Financial instruments

The CPP, through CPPIB, measures its investments, investment receivables and investment liabilities at fair value.

The investments and investment receivables are measured at fair value on the basis that they are part of a portfolio managed and evaluated on a fair value basis in accordance with investment strategies and risk management of CPPIB.

Investment liabilities are measured at fair value upon meeting the following criteria:

- It is acquired or incurred principally for the purpose of selling or repurchasing it in the near term;
- On initial recognition it is part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit taking; or
- It is a derivative, except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument.

The CPP, through the CPPIB, recognizes investments, investment receivables and investment liabilities when, and only when, it becomes a party to the contractual provisions of the instrument. In addition, these are recorded on a trade date basis.

Investments and investment receivables are derecognized when the contractual rights to receive the cash flows expire or where the CPP, through CPPIB, has transferred its rights to receive cash flows from the asset and where it has transferred substantially all the risks and rewards of the asset or has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset. Investment liabilities are derecognized by CPP, through CPPIB, when the obligation under the liabilities is discharged, cancelled or expires.

Upon initial recognition, investments, investment receivables and investment liabilities are measured at fair value. Subsequent changes in the fair value are recorded as unrealized gain (loss) on investments and included in net investment income (loss), along with the interest and dividend income elements of such financial instruments.

d) Valuation of Investments, Investment Receivables and Investment Liabilities

Investments, investment receivables and investment liabilities are recorded on a trade date basis and are stated at fair value. Fair value is an estimate of the amount of consideration that would be agreed upon in an arm's length transaction between knowledgeable, willing parties who are under no compulsion to act.

In an active market, fair value is best evidenced by an independent quoted market price. In the absence of an active market, fair value is determined by valuation techniques that make maximum use of inputs observed from markets. These valuation techniques include using recent arm's length market transactions, if available, or current fair value of another investment that is substantially the same, discounted cash flow analysis, pricing models and other accepted industry valuation methods, that may include the use of estimates made by management, appraisers or both where significant judgment is required. By using valuation methods based on reasonable alternative assumptions, different fair values could result. CPPIB's management has

determined that the potential impact on fair values using these reasonable alternative assumptions would not be significant.

e) Contributions

Contributions include CPP contributions earned for the year. The Canada Revenue Agency (CRA) collects contributions and measures them using the assessment of tax returns. In determining the amount of contributions earned for the year, the CRA considers cash received and contributions assessed, and makes an estimate for contributions related to tax returns not yet assessed. This estimate is subject to review. Adjustments, if any, are recorded as contributions in the year they are known.

Following the legislative change brought by Bill C-51 of 2009, CPP contributions toward the new PRB are being collected. As of January 1, 2012, Canadians working outside Quebec who receive CPP or RRQ retirement benefits began making contributions to the PRB. Contributions are mandatory for CPP or RRQ retirement pension recipients aged 60–65. Those between the ages of 65 and 70 can choose not to contribute. The PRB becomes payable the year after contributions are made.

f) Investment Income

Income from investments includes realized gains and losses from investments, changes in unrealized gains and losses on investments, dividend income, interest income and net operating income from private real estate investments. Dividend income is recognized on the ex-dividend date, which is when the right to receive the dividend has been established. Interest income is recognized using the effective interest rate method.

g) Transaction Costs

Transaction costs are incremental costs that are directly attributable to the acquisition or disposal of an investment. Transaction costs are expensed as incurred and included in net investment income (loss).

h) Investment Management Fees

Investment management fees are paid to investment managers for externally managed investments. Investment management fees are expensed as incurred and included in net investment income (loss).

i) Securities Purchased under Reverse Repurchase Agreements and Sold under Repurchase Agreements

Securities purchased under reverse repurchase agreements represent the purchase of securities effected with a simultaneous agreement to sell them back at a specified price at a specified future date and are accounted for as an investment receivable. These securities are not recognized as an investment of the CPP, through the CPPIB. The fair value of securities to be resold under these reverse repurchase agreements is monitored and additional collateral is obtained, when appropriate, to protect against credit exposure. In the event of counterparty default, the CPP, through the CPPIB, has the right to liquidate the collateral held.

Securities sold under repurchase agreements are accounted for as collateralized borrowing because they represent the sale of securities with a simultaneous agreement to buy them back at a specified price at a specified future date. The securities sold continue to be recognized as an investment of the CPP, through the CPPIB, with any changes in fair value recorded as net gain (loss) on investments and included in net investment income (loss). Interest earned on reverse repurchase agreements and interest incurred on repurchase agreements is included in net investment income (loss) (refer to Note 10).

j) Securities Sold Short

Securities sold short represent securities that are sold, but not owned, by the CPP, through the CPPIB. The CPP, through the CPPIB, has an obligation to cover these short positions, which are accounted for as an investment liability based on the fair value of the securities sold. Collateral is pledged to the counterparty, when appropriate (refer to Note 7). Interest and dividend expense on securities sold short are included in net investment income (loss) (refer to Note 10).

k) Translation of Foreign Currencies

Transactions, including purchases and sales of investments, income and expenses, are translated at the rate of exchange prevailing on the date of the transaction. Investments and monetary assets and liabilities denominated in foreign currencies are translated into Canadian dollars at exchange rates prevailing on the year-end date. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions.

Foreign currency transaction gains and losses on financial instruments are included in net investment income (loss) (refer to Note 10).

I) Pensions and Benefits

Pensions and benefits expenses are recorded when incurred or reasonably estimated.

m) Tax Deductions Due to the Canada Revenue Agency

Tax deductions due to the CRA consist primarily of voluntary and non-resident taxes withheld from pensions and benefit payments to CPP beneficiaries (refer to Note 8).

n) Net Overpayments

Net overpayments comprise overpayments of pensions and benefits that were established during the year less remissions of debts granted.

o) Operating Expenses

Operating expenses are recorded as incurred.

p) Other Claims and Legal Actions

The CPP records an allowance for claims and legal proceedings when it is likely that there will be a future payment and a reasonable estimate can be made.

q) Measurement Uncertainty

The preparation of consolidated financial statements in accordance with PSAS requires management to make certain estimates, judgments and assumptions that affect the reported values of assets and liabilities as at the date of the financial statements and revenues and expenses during the reporting period. Estimates are based on the best information available at the time of preparation of the consolidated financial statements and are reviewed annually to reflect new information as it becomes available. Significant estimates and judgments are required principally in determining the reported estimated contributions, allowance for doubtful accounts, contingent liabilities, actuarial obligation in respect of benefits and valuation of financial instruments which are not actively traded. Measurement uncertainty exists in these consolidated financial statements. Actual results could significantly differ from those estimates.

r) Future Changes in Accounting Standards

Financial Instruments

The Public Sector Accounting Board (PSAB) issued new sections in 2011 and has recently deferred their concurrent adoption date to April 1, 2019. The CPP is currently analyzing the impact of these new standards on its consolidated financial statements:

(i) Financial Instruments

The new section 3450 (financial instruments) establishes standards for recognizing and measuring financial assets, financial liabilities and non-financial derivatives. Items within the scope of the section are assigned to one of two measurement categories: fair value and cost or amortized cost. Fair value measurement will apply to portfolio investments in equity instruments that are quoted in an active market. Other financial assets and financial liabilities will generally be measured at cost or amortized cost, unless the entity defines and implements a risk management or investment strategy to manage and evaluate the performance of a group of financial assets, financial liabilities or both on a fair value basis, then the entity may include those items in the fair value category. Until an item is derecognized, gains and losses arising as a result of fair value remeasurement will be reported in the Consolidated Statement of Remeasurement Gains and Losses.

(ii) Foreign Currency Translation

The revised section 2601 (foreign currency translation) requires that remeasurement gains and losses on foreign currency translation be reported in a new Consolidated Statement of Remeasurement Gains and Losses until such time as the financial instrument is derecognized, at which point, the accumulated remeasurement gain and loss is recognized in the Consolidated Statement of Operations.

(iii) Financial Statement Presentation

The revised section 1201 (financial statements presentation) establishes the general principles and information standards applicable to consolidated financial statements. It requires that remeasurement gains and losses be reported in a new statement. Also, the assets available for benefit payments will be presented as the total of the net increase in assets available for benefit payments for the year and the accumulated remeasurement gains and losses.

3. Cash

Cash consists of the total cash held by the CPP Account and the CPPIB. The CPP Account was established in the accounts of Canada by the *Canada Pension Plan* to record the contributions, interest, pensions, benefits and operating expenses of the CPP. It also records the amounts transferred to or received from the CPPIB. As at March 31, 2015, the deposit with the Receiver General for Canada in the CPP Account is \$212 million (2014 – \$140 million) and the CPPIB's cash is \$59 million (2014 – \$27 million) for a total of \$271 million (2014 – \$167 million).

4. Receivables

Receivables comprise the following:

| | 2015 | 2014 |
|---|--------------|---------------|
| | (in millions | s of dollars) |
| Contributions | 5,114 | 4,368 |
| Régime de rentes du Québec | 162 | 116 |
| Beneficiaries | | |
| Balance of pensions and benefits overpayments | 169 | 147 |
| Allowance for doubtful accounts | (120) | (112) |
| | 5,325 | 4,519 |

Contributions receivable represent the estimated amount to be collected from the CRA relating to contributions earned at year end and adjusted for tax returns not yet assessed. The amount includes an estimate that takes into consideration the number of contributors and the average contribution to be received, which is based on the average earning and the CPP contribution rate. On an annual basis, the model used to make the estimate is reviewed. The difference between the estimate and the actual amount has not been significant in the past.

The CPP has procedures to detect overpayments. During the year, overpayments totalling \$75 million (2014 – \$53 million) were established and debts totalling \$4 million (2014 – \$4 million) were forgiven as per the remission provisions of the *Canada Pension Plan*. A further \$49 million (2014 – \$36 million) was recovered through collection of payments and withholdings from beneficiaries.

5. Investment Activities Risk Management

The CPP, through the investment activities carried out by the CPPIB, is exposed to a variety of financial risks. These risks include market risk, credit risk and liquidity risk. The CPPIB manages and mitigates financial risks through the Risk/Return Accountability Framework that is contained within the investment policies and approved by the Board of Directors at least once every fiscal year. This framework contains risk limits and risk management provisions that govern investment decisions. It has been designed to achieve the mandate of the CPPIB, which is to invest its assets with a view to achieving a maximum rate of return, without undue risk of loss, having regard to the factors that may affect the funding of the CPP and the ability of the CPP to meet its financial obligations on any given business day.

An active risk limit is included within the Risk/Return Accountability Framework, which represents a limit on the amount of investment risk that the CPPIB can take relative to the CPP Reference Portfolio. The CPP Reference Portfolio is approved by the Board of Directors and serves as a performance benchmark against which the CPPIB's value-added activities are measured. The objective of the CPPIB is to create value-added investment returns greater than the returns that would be generated by the CPP Reference Portfolio. The CPPIB monitors the active risk in the CPP Investment Portfolio daily and reports active risk exposures to the Board of Directors on at least a quarterly basis.

(i) *Market Risk:* Market risk (including currency risk, interest rate risk and other price risk) is the risk that the fair value or future cash flows of an investment or investment liability will fluctuate because of changes in market prices and rates.

Canada Pension Plan Notes to Consolidated Financial Statements

for the year ended March 31, 2015

Currency Risk: The CPP, through the CPPIB, is exposed to currency risk through holdings of investments or investment liabilities in various currencies.

In Canadian dollars, the net underlying currency exposures, after allocating foreign currency derivatives, as at March 31, are as follows:

| (in millions of dollars) | 20 | 15 | 2014 | |
|--------------------------|--------------|------------|--------------|------------|
| Currency | Net Exposure | % of Total | Net Exposure | % of Total |
| United States Dollar | 116,292 | 59 | 83,612 | 58 |
| Euro | 30,955 | 16 | 22,241 | 15 |
| British Pound Sterling | 12,595 | 6 | 9,380 | 7 |
| Japanese Yen | 11,879 | 6 | 6,966 | 5 |
| Australian Dollar | 6,499 | 3 | 7,222 | 5 |
| Chinese Yuan | 2,614 | 1 | 917 | 1 |
| Hong Kong Dollar | 2,425 | 1 | 2,285 | 1 |
| Swiss Franc | 2,045 | 1 | 843 | 1 |
| Chilean Peso | 1,855 | 1 | 1,459 | 1 |
| South Korean Won | 1,792 | 1 | 1,468 | 1 |
| Brazilian Real | 1,404 | 1 | 1,017 | 1 |
| Indian Rupee | 1,344 | 1 | 613 | 1 |
| Swedish Krona | 1,313 | 1 | 849 | 1 |
| Other | 4,344 | 2 | 4,010 | 2 |
| | 197,356 | 100 | 142,882 | 100 |

As at March 31, 2015, with all other variables and underlying values held constant, a change in the value of the Canadian dollar against major foreign currencies by 5 percent would result in an approximate increase (decrease) in the value of investments and investments liabilities as follows:

| (in millions of dollars) | 2015 20 | | 015 2014 | |
|--------------------------|--------------------|-----------|--------------------|-----------|
| | Change in Investme | ent Value | Change in Investme | ent Value |
| Currency | +5% | -5% | +5% | -5% |
| United States Dollar | (5,815) | 5,815 | (4,181) | 4,181 |
| Euro | (1,548) | 1,548 | (1,112) | 1,112 |
| British Pound Sterling | (630) | 630 | (469) | 469 |
| Japanese Yen | (594) | 594 | (348) | 348 |
| Australian Dollar | (325) | 325 | (361) | 361 |
| Chinese Yuan | (131) | 131 | (46) | 46 |
| Hong Kong Dollar | (121) | 121 | (114) | 114 |
| Swiss Franc | (102) | 102 | (42) | 42 |
| Chilean Peso | (93) | 93 | (73) | 73 |
| South Korean Won | (89) | 89 | (73) | 73 |
| Brazilian Real | (70) | 70 | (51) | 51 |
| Indian Rupee | (67) | 67 | (31) | 31 |
| Swedish Krona | (66) | 66 | (42) | 42 |
| Other | (217) | 217 | (201) | 201 |
| | (9,868) | 9,868 | (7,144) | 7,144 |

Interest Rate Risk: Interest rate risk is the risk that the fair value or future cash flows of an investment or investment-related liability will fluctuate because of changes in market interest rates.

Other Price Risk: Other price risk is the risk that the fair value or future cash flows of an investment will fluctuate because of changes in market prices arising primarily from equity price risk, commodity price risk and credit spread risk, whether those changes are caused by factors specific to the individual investment or factors affecting all securities traded in the market.

- (ii) Credit Risk: Credit risk is the risk of financial loss due to a counterparty failing to meet its contractual obligations, or a reduction in the value of the assets due to a decline in the credit quality of the borrower, counterparty, guarantor or the assets (collateral) supporting the credit exposure. The CPP's, through the CPPIB, most significant exposure to credit risk is through its investment in debt securities, over-the-counter derivatives (as discussed in Note 6f) and guarantees. The carrying amounts of these investments and guarantees are presented in Note 6 and Note 16c) respectively.
- (iii) Liquidity Risk: Liquidity risk is the risk of being unable to generate sufficient cash or its equivalent in a timely and cost-effective manner to meet investment commitments and investment liabilities as they come due. The CPP, through the CPPIB, manages liquidity risk through its ability to raise funds through the issuance of commercial paper and transacting in securities sold under repurchase agreements (refer to Note 6 and Note 7).

The CPPIB maintains \$1.5 billion (2014 – \$1.5 billion) of unsecured credit facilities to meet potential liquidity requirements. As at March 31, 2015, the total amount drawn on the credit facilities is \$nil (2014 – \$nil). The CPPIB also has the ability to readily dispose of certain investments that are traded in an active market. These include a liquid portfolio of publicly traded equities, money market securities and marketable bonds.

The CPPIB is also exposed to liquidity risk through its responsibility for providing cash management services to the CPP (refer to Note 18). In order to manage liquidity risk associated with this short-term cash management program, certain assets are segregated and managed separately. Liquidity risk is also managed by investing these assets in liquid money market instruments with the primary objective of ensuring that the CPP has the necessary liquidity to meet benefit payment obligations on any business day.

6. Investments and Investment Liabilities

As stated in Note 1, the role of the CPPIB is to invest the assets with a view to achieving a maximum rate of return without undue risk of loss, with regard to the factors that may affect the funding of the CPP and the ability of the CPP to meet its financial obligations on any given business day. To achieve its mandate, the CPPIB has established investment policies in accordance with its regulations. These set out the manner in which their assets shall be invested and their financial risks managed and mitigated through the Risk/Return Accountability Framework.

The CPPIB's investments are grouped by asset class based on the risk/return characteristics of the investment strategies of the underlying portfolios. The investments, before allocating derivative contracts, associated money market securities and other investment receivables and liabilities to the asset classes to which they relate, are as follows:

| | 2015 | 2014 |
|--|-------------|---------------|
| | (in million | s of dollars) |
| Equities | 0.700 | 0.464 |
| Canada | 8,798 | 8,464 |
| Foreign developed markets | 114,274 | 85,238 |
| Emerging markets | 14,217 | 11,068 |
| Total Equities | 137,289 | 104,770 |
| Fixed income | | |
| Bonds | 65,642 | 55,258 |
| Other debt | 22,428 | 13,883 |
| Money market securities | 17,740 | 19,663 |
| Total Fixed income | 105,810 | 88,804 |
| Absolute return strategies | 16,185 | 12,243 |
| Real assets | | |
| Real estate | 30,375 | 25,461 |
| Infrastructure | 15,013 | 13,123 |
| Total Real assets | 45,388 | 38,584 |
| Investment receivables | | |
| Securities purchased under reverse repurchase agreements | 10,817 | 3,221 |
| Accrued interest | 928 | 907 |
| Derivative receivables | 1,882 | 1,010 |
| Dividends receivable | 182 | 132 |
| Total Investment receivables | 13,809 | 5,270 |
| Total Investments | 318,481 | 249,671 |
| Investment liabilities | | |
| Securities sold under repurchase agreements | (15,779) | (5,230) |
| Securities sold short | (22,385) | (14,874) |
| Debt financing liabilities | (9,955) | (9,654) |
| Derivative liabilities | (2,428) | (1,062) |
| Total Investment liabilities | (50,547) | (30,820) |
| | | |
| Amounts receivable from pending trades | 2,908 | 2,251 |
| Amounts payable from pending trades | (6,087) | (1,979) |
| Net Investments ¹ | 264,755 | 219,123 |

¹ The total of net investments not actively traded as at March 31, 2015 is \$166,210 million (2014 – \$144,146 million).

a) Equities

Equities consist of public and private investments in each of these three markets: Canadian, foreign developed and emerging.

- (i) Public equity investments are made directly or through funds. As at March 31, 2015, public equities include fund investments with a fair value of \$8,541 million (2014 \$6,000 million).
- (ii) Private equity investments are generally made directly or through ownership in limited partnership funds. The private equity investments represent equity ownerships or investments with the risk and return characteristics of equity. As at March 31, 2015, the fair value of private equities is \$18,473 million (2014 – \$15,037 million).

b) Fixed Income

(i) Bonds consist of non-marketable and marketable bonds.

The non-marketable bonds issued by the provinces prior to 1998 have rollover provisions attached to them by the Act. These provisions permit each issuer, at its option, to roll over the bonds on maturity for a further 20-year term at a rate based on capital markets borrowing rates for that province existing at the time of rollover. The non-marketable bonds are also redeemable before maturity at the option of the issuers.

In lieu of exercising its statutory rollover right described in the preceding paragraph, agreements between the CPPIB and the provinces permit each province to repay the bond and concurrently cause the CPPIB to purchase a replacement bond or bonds in a total principal amount not exceeding the principal amount of the maturing security for a term of not less than five years and not more than 30 years. Such replacement bonds contain rollover provisions that permit the issuer, at its option, to roll over the bond for successive terms of not less than five years and subject in all cases to the maximum 30 years outside maturity date. The replacement bonds are also redeemable before maturity at the option of the issuers.

- (ii) Other debt consists of investments in direct private debt, asset-backed securities, intellectual property, royalties, distressed mortgage funds and private debt funds.
- (iii) Money market securities consist of cash, term deposits, treasury bills and commercial paper.

c) Absolute Return Strategies

Absolute return strategies consist of investments in funds and internally managed portfolios whose objective is to generate positive returns regardless of market conditions, that is, returns with a low correlation to broad market indices. The underlying securities of the funds and the internally managed portfolios could include, but are not limited to, equities, fixed income securities and derivatives.

d) Real Assets

(i) The CPPIB obtains exposure to real estate through direct investments in privately held real estate, real estate funds and publicly traded securities.

Private real estate investments are managed on behalf of the CPPIB by investment managers primarily through co-ownership arrangements. As at March 31, 2015, real estate investments include assets of \$30,375 million (2014 – \$25,461 million).

Canada Pension Plan Notes to Consolidated Financial Statements

for the year ended March 31, 2015

 (ii) Infrastructure investments are generally made directly. As at March, 2015, infrastructure includes direct investments with a fair value of \$14,956 million (2014 – \$12,795 million) and \$57 million in fund investments (2014 – \$328 million).

e) Securities Purchased under Reverse Repurchase Agreements and Sold under Repurchase Agreements

Reverse repurchase and repurchase agreements are carried at the amounts at which the securities were initially acquired or sold, which, together with accrued interest income or expense, approximates fair value due to the short-term nature of these securities.

The terms to maturity of the securities purchased under reverse repurchase agreements, as at March 31, 2015, are as follows: within 1 year, \$10,817 million (2014 – \$3,221 million); 1 year to over 10 years, \$nil (2014 – \$nil).

The terms to maturity of the undiscounted value of the securities sold under repurchase agreements, as at March 31, 2015, are as follows: within 1 year, \$15,780 million (2014 – \$5,231 million); 1 year to over 10 years, \$nil (2014 – \$nil).

f) Derivative Contracts

A derivative contract is a financial contract, the value of which is derived from the value of underlying assets, indices, interest rates, currency exchange rates or other market-based factors. Derivatives are transacted through regulated exchanges or negotiated in over-the-counter markets. The CPPIB uses different types of derivative instruments, which include futures and forwards, swaps, options and warrants.

Notional amounts of derivative contracts represent the contractual amounts to which a rate or price is applied for computing the cash flows to be exchanged. The notional amounts are used to determine the gains/losses and fair value of the contracts. They are not recorded as assets or liabilities on the Consolidated Statement of Financial Position. Notional amounts do not necessarily represent the amount of potential market risk or credit risk arising from a derivative contract.

The fair value of these contracts is reported as derivative receivables and derivative liabilities on the schedule of investments as shown above.

The CPPIB uses derivatives to generate value-added investment returns and to manage or adjust exposures to interest rate, currency, credit and other market risks without directly purchasing or selling the underlying instrument.

g) Securities Sold Short

As at March 31, 2015, securities sold short of \$22,385 million (2014 – \$14,874 million) are considered repayable within one year based on the earliest period in which the counterparty could request payment under certain conditions.

h) Debt Financing Liabilities

Debt financing liabilities are recorded at the amount originally issued, which, together with accrued interest expenses, approximate fair value due to the short-term nature of these liabilities. The terms to maturity of the undiscounted principal repayments of the debt financing liabilities as at March 31, 2015, are as follows: within 1 year, \$9,959 million (2014 – \$9,663 million), and 1 year to over 10 years, \$nil (2014 – \$nil).

7. Collateral

Collateral transactions are conducted to support CPPIB's investment activities under the terms and conditions that are common and customary to collateral arrangements. The net fair value of collateral held and pledged as at March 31 are as follows:

| | 2015 | 2014 |
|---|--------------|-------------|
| | (in millions | of dollars) |
| Assets held as collateral on: | | |
| Reverse repurchase agreements ¹ | 10,812 | 3,221 |
| Over-the-counter derivative transactions ¹ | 33 | 134 |
| Other debt ¹ | 1,195 | 1,129 |
| Assets pledged as collateral on: | | |
| Repurchase agreements | (15,792) | (5,227) |
| Securities sold short | (14,938) | (14,690) |
| Over-the-counter derivative transactions | (266) | - |
| Debt on private real estate properties | (3,266) | (2,605) |
| | (22,222) | (18,038) |

The fair value of the collateral held that may be sold or repledged as at March 31, 2015 is \$12,009 million (2014 – \$4,371million). The fair value of collateral sold or repledged as at March 31, 2015 is \$10,368 million (2014 – \$3,216 million).

8. Payables and Accrued Liabilities

Payables and accrued liabilities are comprised of the following:

| | 2015 | 2014 |
|---|----------------|-------------|
| | (in millions o | of dollars) |
| Operating expenses | 566 | 350 |
| Pensions and benefits payable | 372 | 425 |
| Tax deductions on benefits due to the Canada Revenue Agency | 168 | 152 |
| | 1,106 | 927 |

9. Comparison of Results Against Budget

The budget amounts included in the Consolidated Statement of Operations and the Consolidated Statement of Change in Financial Assets Available for Benefit Payments are derived from the amounts that were originally budgeted in the Employment and Social Development Canada *2014–2015 Report on Plans and Priorities*, tabled in Parliament in March 2014 and amounts forecasted by the Office of the Superintendent of Financial Institutions.

10. Net Investment Income (Loss)

Net investment income (loss) is reported net of transaction costs and investment management fees, and is grouped by asset class based on the risk/return characteristics of the investment strategies of the underlying portfolios.

Net investment income (loss), after giving effect to derivative contracts and investment receivables and liabilities for the year ended March 31, is as follows:

| | 2015 | | | | | |
|---|---------------------|---|---------------------|------------|-------------|-------------------|
| | Investment | Net Gain | Total Investment | Investment | | Net Investment |
| | Income | (Loss) on Investments ^{2,3,4} | Income | Management | Transaction | Income |
| (in millions of dollars) | (Loss) ¹ | Investments ^{2,3,4} | (Loss) | Fees | Costs | (Loss) |
| Equities | | | | | | |
| Canada Foreign developed | 17 | 1,753 | 1,770 | (12) | (12) | 1,746 |
| markets | 1,692 | 19,267 | 20,959 | (448) | (41) | 20,470 |
| Emerging markets | 266 | 3,339 | 3,605 | (121) | (7) | 3,477 |
| | 1,975 | 24,359 | 26,334 | (581) | (60) | 25,693 |
| Fixed income | | | | | | |
| Bonds | 1,794 | 4,526 | 6,320 | - | - | 6,320 |
| Other debt | 909 | 1,801 | 2,710 | (114) | (9) | 2,587 |
| Money market securities ⁵ Debt financing | 334 | 2,507 | 2,841 | (467) | (62) | 2,312 |
| liabilities | (32) | (1,194) | (1,226) | - | - | (1,226) |
| | 3,005 | 7,640 | 10,645 | (581) | (71) | 9,993 |
| Real assets | | | | | | |
| Real estate | 1,261 | 2,521 | 3,782 | (90) | (97) | 3,595 |
| Infrastructure | 721 | 1,486 | 2,207 | (2) | (45) | 2,160 |
| | 1,982 | 4,007 | 5,989 | (92) | (142) | 5,755 |
| Interest on | | | | | | |
| operating balance | 3 | | 3 | | (0-5) | 3 |
| | 6,965 | 36,006 | 42,971 | (1,254) | (273) | 41,444 |

The notes are on the following page.

Canada Pension Plan Notes to Consolidated Financial Statements

for the year ended March 31, 2015

| | 2014 | | | | | |
|--------------------------|---------------------|------------------------------|------------|------------|-------------|--------------------|
| | | | Total | | | Net |
| | Investment | Net Gain | Investment | Investment | | Investment |
| | Income | (Loss) on | Income | Management | Transaction | Income |
| (in millions of dollars) | (Loss) ¹ | Investments ^{2,3,4} | (Loss) | Fees | Costs | (Loss) |
| Equities | | | | | | |
| Canada | 49 | 2,851 | 2,900 | (9) | (14) | 2,87 |
| Foreign developed | | | | | | |
| markets | 1,422 | 16,737 | 18,159 | (320) | (48) | 17,79 ⁻ |
| Emerging markets | 228 | 1,167 | 1,395 | (108) | (7) | 1,280 |
| | 1,699 | 20,755 | 22,454 | (437) | (69) | 21,948 |
| Fixed income | | | | | • • | |
| Bonds | 1,695 | (1,607) | 88 | - | - | 88 |
| Other debt | 662 | 1,208 | 1,870 | (83) | (6) | 1,78 |
| Money market | | | | | | |
| securities⁵ | 263 | 2,085 | 2,348 | (311) | (40) | 1,99 |
| Debt financing | | | | | | |
| liabilities | (33) | (704) | (737) | - | - | (737 |
| | 2,587 | 982 | 3,569 | (394) | (46) | 3,129 |
| Real assets | | | | | | |
| Real estate | 967 | 3,003 | 3,970 | (113) | (74) | 3,783 |
| Infrastructure | 534 | 1,346 | 1,880 | (3) | (27) | 1,850 |
| | 1,501 | 4,349 | 5,850 | (116) | (101) | 5,63 |
| Interest on | | | | | , I | |
| operating balance | 3 | - | 3 | - | - | ; |
| | 5,790 | 26,086 | 31,876 | (947) | (216) | 30,71 |

¹ Includes interest income, dividends, private real estate operating income (net of interest expense), interest expense on the debt financing liabilities and other investment-related income and expenses.

² Includes realized gains and losses from investments, and unrealized gains and losses on investments held at the end of the year.

³ Includes foreign exchange gains of \$7,800 million (2014 – gains of \$9,700 million).

⁴ Includes net unrealized gains of \$9,197 million (2014 – \$10,203 million) which represents the change in fair value on those investments where the fair value is derived primarily from assumptions based on pop-observable market data and still held at the

investments where the fair value is derived primarily from assumptions based on non-observable market data and still held at the end of the year.

⁵ Includes absolute return strategies, consisting of investments in funds and internally managed portfolios.

11. Estimated Overpayments and Underpayments of Benefits

In order to measure the accuracy of CPP benefit payments, the CPP relies on a quality program (the CPP Payment Accuracy Review) which estimates, through statistical extrapolation, the most likely value of incorrect benefit payments.

For benefits paid during the 12 months ended March 31, 2015, undetected overpayments and underpayments are estimated to be \$18.4 million and \$30.4 million respectively (\$0.3 million and \$99.7 million in 2013–2014). These estimates are used by the CPP to assess the quality and accuracy of decisions and to continuously improve its systems and practices for processing CPP benefits.

The actual overpayments established during the year, as indicated in Note 4, are not directly linked to the above noted estimated overpayments and underpayments of benefits for the same period.

12. Operating Expenses

CPP's operating expenses are composed of costs incurred by various Government of Canada (GoC) departments (refer to Note 17) for the administration of the CPP's activities as well as the CPPIB's operating expenses.

| | 2015 | | | 2014 | | |
|------------------------------------|------|-------|-------|------|-------|-------|
| (in millions of dollars) | GoC | CPPIB | Total | GoC | CPPIB | Total |
| | | | | | | |
| Personnel related costs, including | | | | | | |
| the Health Insurance Plan | 255 | 558 | 813 | 226 | 400 | 626 |
| Collection of contributions and | | | | | | |
| investigation services | 173 | - | 173 | 169 | - | 169 |
| Operational business services | - | 89 | 89 | - | 59 | 59 |
| Program policy and delivery, | | | | | | |
| accommodation and corporate | | | | | | |
| services | 88 | - | 88 | 102 | - | 102 |
| Professional and consulting fees | - | 61 | 61 | - | 43 | 43 |
| Premises | - | 28 | 28 | - | 20 | 20 |
| Amortization of premises and | | | | | | |
| equipment | - | 25 | 25 | - | 24 | 24 |
| Cheque issue and computer | | | | | | |
| services | 9 | - | 9 | 9 | - | 9 |
| Support services of the Social | | | | | | |
| Security Tribunal | 7 | - | 7 | - | - | - |
| Others | 2 | 42 | 44 | 3 | 30 | 33 |
| | 534 | 803 | 1,337 | 509 | 576 | 1,085 |

13. Financing of the Canada Pension Plan

The CPP is financed by contributions and investment returns. Employers and employees pay contributions equally to the CPP, and self-employed workers pay the full amount. At the time of the Plan's inception in 1965, the demographic and economic conditions made pay-as-you-go financing appropriate. The pay-as-you-go financing, along with a small reserve equivalent to about two years' worth of expenditures, meant the pensions and benefits for one generation would be paid largely from the contributions of later generations. However, changing demographics and economic conditions over time led to increasing CPP costs, and by the mid-1990s the fall in the level of assets of the CPP resulted in a portion of the reserve being required to cover expenditures. Therefore, for the CPP to remain unchanged, the contribution rate would have needed to be increased regularly.

As a result, the CPP was amended in 1997 to restore its long-term financial sustainability and to improve fairness across generations by changing its financing approach from a pay-as-you-go basis to a form of partial funding called steady-state funding, along with incremental full funding rules for new or enhanced benefits, and reducing the growth of benefits over the long term. In addition, a new investment policy was put in place, along with the creation of the CPPIB. Moreover, the statutory periodic reviews of the Plan by the federal and provincial financial ministers were increased from once every five years to every three years.

Key among the 1997 changes was the introduction of self-sustaining provisions to safeguard the Plan: in the event that the projected minimum contribution rate is greater than the legislated contribution rate and no recommendations are made by the Finance Ministers to correct the situation, the contribution rate would automatically increase and the indexation of the current benefits would be suspended.

The federal, provincial and territorial finance ministers took additional steps in 1999 to strengthen the transparency and accountability of actuarial reporting on the CPP by endorsing regular independent peer reviews of actuarial reports and consultations by the Chief Actuary with experts on the assumptions to be used in the actuarial reports.

The most recent triennial report, the *Twenty-sixth Actuarial Report on the Canada Pension Plan* as at December 31, 2012, was tabled in Parliament on December 3, 2013. The next triennial actuarial report as at December 31, 2015, is expected to be tabled by December 2016. According to the *Twenty-sixth Actuarial Report*, under the current legislated contribution rate of 9.9 percent, the Plan's assets are expected to increase significantly, with the asset/expenditure ratio growing from 4.7 in 2013 to about 5.4 by 2025 and to 5.9 by 2075.

A number of assumptions were used in the *Twenty-sixth Actuarial Report* to project the CPP's revenues and expenditures over the long projection period of 75 years, and to determine the minimum contribution rate. The assumptions provided in the table below represent the best estimates according to the Chief Actuary's professional judgment relating to demographic, economic, and other factors; and have been peer reviewed by an independent expert actuary's panel.

| | As at 31 Decer | nber 2012 | As at 31 December 2009 | | |
|---|-----------------|-----------------|-----------------------------|-----------------------------|--|
| | Male | Female | Male | Female | |
| Canadian life expectancy | | | | | |
| at birth in 2013 (2009 – in 2010) | 86.1 years | 89.1 years | 85.4 years | 88.3 years | |
| at age 65 in 2013 (2009 – in 2010) | 20.9 years | 23.3 years | 20.2 years | 22.6 years | |
| Retirement rates for cohort at age 60 CPP disability incidence rates | 34% (2016+) | 38% (2016+) | 38% (2016+) | 41% (2016+) | |
| (per 1,000 eligible) | 3.30 (2017+) | 3.75 (2017+) | 3.40 (2015+) ⁽¹⁾ | 3.79 (2015+) ⁽¹⁾ | |
| Total fertility rate | 1.65 (2015+) | | 1.65 (2015+) | | |
| Net migration rate | 0.60% of popula | ation for 2017+ | 0.58% of popula | ation for 2023+ | |
| Participation rate (age group 15-69) | 76.8% (2030) | | 75.2% (2030) | | |
| Employment rate (age group 15-69) | 72.1% (2030) | | 70.6% (2030) | | |
| Unemployment rate | 6.0% (2023+) | | 6.1% (2022+) | | |
| Rate of increase in prices | 2.2% (2021+) | | 2.3% (2019+) | | |
| Real-wage increase | 1.2% (2020+) | | 1.3% (2019+) | | |
| Real rate of return | 4.0% (2019+) | | 4.0% (2017+) ⁽²⁾ | | |

¹ The ultimate disability incidence rates assumption of the 25th CPP Actuarial Report has been adjusted based on the 2012 eligible population in order to compare with the assumption for this 26th CPP Actuarial Report on the same basis.

For the 26th CPP Actuarial Report, the real rate of return assumption is net of all investment expenses, including CPPIB operating expenses. On a comparable basis, the ultimate real rate of return assumption of the 25th CPP Actuarial Report would be restated as 3.9 percent to reflect this improvement in the methodology.

In the *Twenty-sixth Actuarial Report*, the minimum contribution rate, which is the lowest rate to sustain the CPP, was determined to be 9.84 percent of contributory earnings for the year 2016 and thereafter (9.86 percent before 2023 and 9.85 percent for the year 2023 and thereafter in the *Twenty-Fifth Actuarial Report*).

The CPP assets available for benefit payments represent the funds accumulated for the payment of pensions, benefits, and operating expenses, i.e. total CPP expenditures. The partial funding nature of the CPP means that contributions as opposed to these assets are the main source for financing CPP expenditures. The *Twenty-sixth Actuarial Report* confirms that, on the basis of the assumptions selected, the

current legislated combined employer-employee contribution rate of 9.9 percent is and will continue to be sufficient to pay for future expenditures over the period 2013 to 2022. Thereafter, a portion of investment income (27 percent in 2050) will be required to make up the difference between contributions and expenditures. Under the current legislated contribution rate of 9.9 percent, total assets available for benefit payments are expected to grow to \$300 billion by the end of 2020.

As at March 31, 2015, the value of CPP assets available for benefit payments is \$269.6 billion (2014 - \$223.2 billion). This amount represents approximately 6.3 times the 2016 planned expenditures of \$42.9 billion (2014 – 5.6 times).

A variety of tests were performed to measure the sensitivity of the long-term projected financial position of the CPP to future changes in the demographic and economic environments. Key best-estimate demographic and economic assumptions were varied individually to measure the potential impact on the financial status of the CPP.

The low-cost and high-cost alternatives for the three most sensitive assumptions are shown in the table below. In the case of mortality, the assumptions for the low-cost and high-cost alternatives were developed using a combination of confidence intervals and different long-term trajectories. In the case of real wage increase and real rate of return, these assumptions are defined as the upper and lower boundaries of the 80 percent confidence intervals.

| | Low-Cost | | Best-Estimate | | High-Cost | |
|---------------------------------------|----------|------|---------------|------|-----------|------|
| Mortality: | | | | | | |
| Canadian life expectancy at age 65 in | Males | 20.7 | Males | 23.0 | Males | 25.6 |
| 2050 with future improvements | Females | 22.9 | Females | 25.3 | Females | 27.7 |
| Real wage increase | 1.9% | | 1.2% | | 0.4% | |
| Real rate of return | 5.5% | | 4.0% | | 2.5% | |

Mortality is the most sensitive demographic assumption as it impacts the length of the benefit payment period. If male and female life expectancies at age 65 were to increase by approximately 2.5 years more than expected by 2050, the minimum contribution rate in 2016 and thereafter would increase to 10.22 percent, well above the legislated rate of 9.9 percent. On the other hand, if male and female life expectancies at age 65 were to be about 2.5 years lower than expected, the minimum contribution rate would decrease significantly to 9.46 percent.

The most sensitive economic assumptions are the real wage increase and the real rate of return on investments. The growth in real wage directly impacts the amount of future CPP contributions. If an ultimate real wage increase of 1.9 percent is assumed for 2020 and thereafter, the minimum contribution rate would decrease to 9.26 percent. However, if an ultimate real wage increase of 0.4 percent is assumed for 2014 and thereafter, the minimum contribution rate would increase to 10.51 percent.

Real rates of return can fluctuate greatly from year to year and can have a significant impact on the size of assets and on the ratio of assets to the following year expenditures. If a real rate of return of 5.5 percent is assumed for 2019 and thereafter, the minimum contribution rate will decrease to 8.97 percent. However, if the real rate of return is assumed to be 2.5 percent for 2019 and thereafter, the minimum contribution rate increases to 10.73 percent.

The table below summarises the results of the sensitivity of the minimum contribution rate and the ratio of the assets to the next year expenditures under the legislated 9.9 percent contribution rate to the changes in mortality, real wage increase and real rate of return on investments assumptions:

| Assumption | Scenario | Minimum Contribution Rate ⁽¹⁾ (percent) | Expend | to) percent te | |
|------------------------|---------------|--|--------|-----------------------|-------|
| | | | 2025 | 2050 | 2087 |
| | Best Estimate | 9.84 | 5.35 | 6.02 | 5.70 |
| Mortality Patas | Low Cost | 9.46 | 5.54 | 7.45 | 11.64 |
| Mortality Rates | High Cost | 10.22 | 5.15 | 4.67 | 0.50 |
| Deel Wage Increases | Low Cost | 9.26 | 5.56 | 8.07 | 12.09 |
| Real Wage Increases | High Cost | 10.51 | 5.09 | 3.40 | _(2) |
| Real Rate of Return on | Low Cost | 8.97 | 6.31 | 11.23 | 30.49 |
| Investments | High Cost | 10.73 | 4.54 | 2.98 | _(3) |

The minimum contribution rate in this table refers to the rate applicable for 2016 and thereafter.

² Assets depleted by 2069.

³ Assets depleted by 2076.

14. Actuarial Obligation in Respect of Benefits

The *Twenty-sixth Actuarial Report* on the CPP measures the actuarial obligation under an open group approach, which is consistent with the partial funding nature of the CPP financing, and provides information under a closed group approach, in a footnote. With the current legislated combined contribution rate of 9.9 percent, the table below presents the asset excess (shortfall) and the assets to actuarial obligation ratio under open and closed group approaches at valuation dates of the current and previous actuarial reports:

| | As at Dec | ember 31, 2012 | As at December 31, 2009 | | |
|--------------------------------|------------|----------------|-------------------------|--------------|--|
| (in billions of dollars) | Open Group | Closed Group | Open Group | Closed Group | |
| Actuarial obligation | 2,254.7 | 1,004.9 | 1,995.0 | 874.8 | |
| Assets available for benefit | , - | , | , | | |
| payments | 2,245.8 | 175.1 | 1,988.1 | 126.8 | |
| Asset Shortfall ⁽¹⁾ | (8.9) | (829.8) | (6.9) | (748.0) | |
| Assets to actuarial obligation | | | | | |
| ratio | 99.6% | 17.4% | 99.7% | 14.5% | |

The determination of the asset shortfall is based on the projections of the CPP's revenues and expenditures projected over the period of 150 years. There will be no asset shortfall, using the open group approach, if the projection period slightly shorter than 150 years is used.

The open group approach takes into consideration all current and future participants of the CPP, including their future contributions and associated benefits, to determine whether current assets and future contributions will be sufficient to pay for all future expenditures. The closed group includes only current participants of the CPP, with no new entrants permitted and no new benefits accrued. The choice of the methodology used to produce a social security system's balance sheet is mainly determined by the system's financing approach.

Under the partial funding financing approach of the CPP, in any given year, current contributors allow the use of their contributions to pay current beneficiaries' benefits. This financial arrangement creates claims for current and past contributors to contributions of future contributors. As such, the most appropriate assessment of the financial sustainability of partially funded plans by means of their balance sheets should reflect these claims.

The open group approach does account explicitly for these claims by considering the benefits and contributions of both the current and future plan participants. In comparison, the closed group approach does not reflect these claims, since only current participants are considered. To determine the CPP actuarial obligations under the open group approach, the projections of the CPP's revenues and expenditures were projected over the period of 150 years using the assumptions of the *Twenty-sixth Actuarial Report* shown in Note 13. The projection period longer than 75 years used to calculate the minimum contribution rate is necessary to ensure that the future expenditures for cohorts that will enter the labour force during that time are included in the liabilities. It is noted that if a projection period slightly shorter than 150 years is used, there will be no asset shortfall.

The CPP was never intended to be a fully-funded plan and the financial sustainability of the CPP is not assessed based on its actuarial obligation in respect of benefits. According to the *Twenty-sixth Actuarial Report*, the CPP is intended to be long-term and enduring in nature, a fact that is reinforced by the federal, provincial, and territorial governments' joint stewardship through the established strong governance and accountability framework of the CPP. Therefore, if the CPP's financial sustainability is to be measured based on its asset excess or shortfall, it should be done on an open group basis that reflects the partially funded nature of the CPP, that is, its reliance on both future contributions and invested assets as a means of financing its future expenditures. Using the open group approach, the Chief Actuary confirms that the CPP, on the basis of the assumptions selected, will continue to meet its financial obligations and is sustainable in the long term.

15. Contractual Obligations

The CPP, through the CPPIB, has committed to enter into contractual obligations related to the funding of investments. These contractual obligations are generally payable on demand based on the funding needs of the investment subject to the terms and conditions of each agreement. As at March 31, 2015, the contractual obligations totalled \$30.7 billion (2014 – \$27.9 billion).

As at March 31, 2015, the CPP, through the CPPIB, has made lease and other contractual obligations, which will require future annual payments as follows:

| | 2015 | 2014 | |
|---|--------------------|---------|--|
| | (in millions of do | ollars) | |
| Within one year | 36 | 27 | |
| After one year but not more than five years | 114 | 107 | |
| More than five years | 40 | 32 | |
| | 190 | 166 | |

16. Contingent Liabilities

a) Appeals relating to the payment of pensions and benefits

At March 31, 2015, there were 14,007 (2014 – 13,195) appeals relating to the payment of CPP disability benefits. These contingencies are reasonably estimated, using historical information, at an amount of \$164.4 million (2014 – \$175.3 million), which was recorded as an accrued liability in the CPP 2014–2015 consolidated financial statements.

b) Other claims and legal proceedings

In the normal course of operations, the CPP is involved in various claims and legal proceedings.

Starting in 2004, 417 medical adjudicators (MAs) filed human rights complaints with the Canadian Human Rights Commission (CHRC) alleging gender discrimination. The complaint was upheld by the Canadian Human Rights Tribunal (CHRT) in 2007, which ordered that the discriminatory practice cease and directed the parties to attempt to negotiate a settlement of the appropriate measures to redress the practice. These negotiations were not successful and in May 2009, the CHRT ordered that a new nursing (NU) subgroup be created in the Health Services Group and that the MAs be placed in this group. It also ordered that damages be paid to two MAs for pain and suffering, but it did not order compensation for wage loss.

The complainants and the CHRC challenged the CHRT's decision on the issues of lost wages and pain and suffering. The application was allowed by the Federal Court, which set aside the CHRT's decision and referred the matters back to the CHRT for redetermination. An appeal by the Attorney General of Canada of the Federal Court decision was unsuccessful.

In October 2011 and on July 31, 2012 respectively, the CHRT endorsed the settlement entered into by the parties on the outstanding issues of damages for pain and suffering and for wage loss.

As of March 31, 2015, the terms of the settlement have been completed and the total expense for this settlement since 2011-12 was revised to \$138 million (\$139 million in 2013-14).

On June 27, 2014, a group of individuals filed a motion before the CHRT challenging one aspect of the Settlement Agreement endorsed by the CHRT in the above matter. The potential financial impact and the outcome of this claim are not determinable.

c) Guarantees

As part of certain investment transactions, the CPP, through the CPPIB, agreed to guarantee, as at March 31, 2015, up to \$1.9 billion (2014 – \$1.5 billion) to other counterparties in the event certain investee entities default under the terms of loan and other related agreements.

d) Indemnifications

The CPPIB provides indemnifications to its officers, directors, certain others and, in certain circumstances, to various counterparties and other entities. The CPPIB may be required to compensate these indemnified parties for costs incurred as a result of various contingencies such as changes in laws, regulations and litigation claims. The contingent nature of these indemnification agreements prevents the CPPIB from making a reasonable estimate of the maximum potential payments the CPPIB could be required to make. To date, the CPPIB has not received any claims nor made any payments pursuant to such indemnifications.

17. Related Party Transactions

As stated in Note 4, the CPP has \$5,114 million (2014 – \$4,368 million) of contributions receivable from the Canada Revenue Agency.

The CPP enters into transactions with the Government of Canada in the normal course of business, which are recorded at the exchange value. The costs are based on estimated allocations of costs and are charged to the CPP in accordance with various memoranda of understanding.

Transactions for the year

| Transactions for the year | 2015 | 2014 |
|--|--------------|-------------|
| | (in millions | of dollars) |
| Employment and Social Development Canada | | |
| Personnel related costs | 238 | 211 |
| Program policy and delivery, accommodation and corporate services | 88 | 102 |
| Canada Revenue Agency | | |
| Collection of contributions and investigation services | 173 | 169 |
| Treasury Board Secretariat | | |
| Health Insurance Plan | 17 | 15 |
| Public Works and Government Services Canada | | |
| Cheque issue and computer services | 9 | 9 |
| Administrative Tribunals Support Service of Canada | | |
| Support services of the Social Security Tribunal | 7 | - |
| Office of the Superintendent of Financial Institutions and Department of Finance | | |
| Actuarial services | 2 | 3 |
| | 534 | 509 |

18. Supplementary Information

The administration of the CPP's assets and activities is shared between various Government of Canada (GoC) departments and the CPPIB. The CPPIB is responsible for investing the majority of the CPP's assets, while the GoC through various federal departments, manages the remainder of the assets, as well as the collection of the CPP contributions and the administration and payments of the CPP benefits. For accountability purposes, the following table presents summary information on the levels of assets and liabilities and sources of income and expenses managed by the GoC and the CPPIB respectively.

| 2015 2014 | | | | | | |
|--------------------------------------|--------|---------|---------|--------|---------|---------|
| (in millions of dollars) | GoC | CPPIB | Total | GoC | CPPIB | Total |
| | | | | | | |
| Financial assets | 5,537 | 321,448 | 326,985 | 4,659 | 251,949 | 256,608 |
| Non-financial assets | - | 370 | 370 | - | 327 | 327 |
| Liabilities | 545 | 57,195 | 57,740 | 542 | 33,184 | 33,726 |
| Assets available for benefit | | | | | | |
| payments | 4,992 | 264,623 | 269,615 | 4,117 | 219,092 | 223,209 |
| | | | | | | |
| Income | | | | | | |
| Contributions | 45,046 | - | 45,046 | 43,181 | - | 43,181 |
| Investment income | 3 | 41,441 | 41,444 | 3 | 30,710 | 30,713 |
| | 45,049 | 41,441 | 86,490 | 43,184 | 30,710 | 73,894 |
| Expenses | | | | | | |
| Pensions and benefits | 38,747 | - | 38,747 | 37,324 | - | 37,324 |
| Operating expenses | 534 | 803 | 1,337 | 509 | 576 | 1,085 |
| | 39,281 | 803 | 40,084 | 37,833 | 576 | 38,409 |
| Net increase in assets available for | | | | | | |
| benefit payments | 5,768 | 40,638 | 46,406 | 5,351 | 30,134 | 35,485 |

Pursuant to section 108.1 of the *Canada Pension Plan* and the Agreement dated as of April 1, 2004, amounts not required to meet specified obligations of the CPP are transferred weekly to the CPPIB. The funds originate from employer and employee contributions to the CPP and interest income generated from the deposit with the Receiver General.

In September 2004, the CPPIB assumed responsibility for providing cash management services to the CPP, including periodic return, on at least a monthly basis, of funds required to meet CPP pensions, benefits and operating expenses obligations.

During the year ended March 31, 2015, a total of \$36 billion was transferred to the CPPIB and a total of \$31 billion was returned to the CPP to meet its liquidity requirements.

Activities during the year

| 2015 | 2014 |
|-----------|--|
| (in mil | lions of dollars) |
| | |
| 341,662 | 307,330 |
| 36,023 | 34,332 |
| 377,685 | 341,662 |
| (218,237) | (189,599) |
| (31,130) | (28,638) |
| (249,367) | (218,237) |
| 128,318 | 123,425 |
| | (in mill 341,662 36,023 377,685 (218,237) (31,130) (249,367) |

19. Comparative Information

Certain comparative figures have been reclassified to conform to the current year's presentation.