

Condensed Interim Consolidated Financial Statements of Canada Pension Plan Investment Board

JUNE 30, 2020



Condensed Interim Consolidated Balance Sheet

(Unaudited)

	As at	As at
(CAD millions)	 June 30, 2020	March 31, 2020
Assets		
Investments	\$ 548,651	\$ 535,464
Pending trades receivable	1,392	6,944
Premises and equipment	463	474
Other assets	247	262
Total assets	550,753	543,144
Liabilities		
Investment liabilities	113,730	127,062
Pending trades payable	2,110	5,702
Accounts payable and accrued liabilities	479	792
Total liabilities	116,319	133,556
Net assets	\$ 434,434	\$ 409,588
Net assets, represented by:		
Share capital	\$ -	\$ -
Accumulated net income from operations	282,646	259,721
Accumulated net transfers from the Canada Pension Plan	151,788	149,867
Net assets	\$ 434,434	\$ 409,588

Condensed Interim Consolidated Statement of Comprehensive Income

(Unaudited)

		e months ended		
(CAD millions)		June 30, 2020		June 30, 2019 ¹
Investment income (note 4)	\$	23,895	\$	5,019
Investment-related expenses (note 5)		(642)		(582)
Net investment income		23,253		4,437
Operating expenses		328		287
Net income from operations and comprehensive income	\$	22,925	\$	4,150

¹ Certain comparatives have been reclassified to conform to the current period's presentation.

Condensed Interim Consolidated Statement of Changes in Net Assets

(Unaudited)

(CAD millions)	Number of shares outstanding	Share capital	Accumulated net transfers from the Canada Pension Plan	Accumulated net income from operations	Total net assets
As at April 1, 2019	10	\$ -	\$ 144,356	\$ 247,624	\$ 391,980
Total net income for the period		-	-	4,150	4,150
Canada Pension Plan transfers:					
Transfers from the Canada Pension Plan		-	13,741	-	13,741
Transfers to the Canada Pension Plan		-	(9,245)	-	(9,245)
Balance at June 30, 2019	10	\$ -	\$ 148,852	\$ 251,774	\$ 400,626
As at April 1, 2020	10	\$ -	\$ 149,867	\$ 259,721	\$ 409,588
Total net income for the period		-	-	22,925	22,925
Canada Pension Plan transfers:					
Transfers from the Canada Pension Plan		-	11,924	-	11,924
Transfers to the Canada Pension Plan		-	(10,003)	-	(10,003)
Balance at June 30, 2020	10	\$ -	\$ 151,788	\$ 282,646	\$ 434,434

Condensed Interim Consolidated Statement of Cash Flows

(Unaudited)

	For the three	e months e	ended
(CAD millions)	June 30, 2020		June 30, 2019 ³
Cash flows from operating activities			
Net income from operations	\$ 22,925	\$	4,150
Adjustments for non-cash items:			
Amortization of premises and equipment	12		11
(Gains) on debt financing liabilities (note 11)	(960)		(105)
Adjustments for net changes in operating assets and liabilities:			
(Increase) in investments	(16,046)		(6,508)
Decrease in pending trades receivable	5,552		1,912
(Increase) decrease in other assets	(16)		55
(Decrease) in investment-related liabilities	(14,639)		(3,503)
(Decrease) in pending trades payable	(3,592)		(355)
(Decrease) in accounts payable and accrued liabilities	(313)		(296)
Net cash flows (used in) operating activities	(7,077)		(4,639)
Cash flows from financing activities			
Transfers from the Canada Pension Plan	11,924		13,741
Transfers to the Canada Pension Plan	(10,003)		(9,245)
Proceeds from debt financing liabilities (note 11)	6,422		2,518
Repayments of debt financing liabilities (note 11)	(4,155)		(1,982)
Net cash flows provided by financing activities	4,188		5,032
Cash flows from investing activities			
Acquisitions of premises and equipment	(1)		(9)
Net cash flows (used in) investing activities	(1)		(9)
Net (decrease) increase in cash and cash equivalents	(2,890)		384
Effect of exchange rate changes on cash and cash equivalents	(598)		(107)
Cash and cash equivalents at the beginning of the period	23,749		8,706
Cash and cash equivalents at the end of the period	20,261		8,983
Cash and cash equivalents at the end of the period are comprised of:			
Cash held for operating purposes ¹	163		204
Cash and cash equivalents held for investment purposes ²	20,098		8,779
Total	\$ 20,261	\$	8,983

¹ Presented as a component of other assets on the Condensed Interim Consolidated Balance Sheet.

² Presented as a component of investments on the Condensed Interim Consolidated Balance Sheet and money market securities on the Condensed Interim Consolidated Schedule of Investment Portfolio.

³ Certain comparatives have been reclassified to conform to the current period's presentation.

Condensed Interim Consolidated Schedule of Investment Portfolio

(Unaudited)

The schedule below provides information on investments and investment liabilities held by Canada Pension Plan Investment Board and its investment holding subsidiaries on a combined basis.

	As at	As at
(CAD millions)	 June 30, 2020	March 31, 2020
Equities		
Public equities	\$ 140,464 \$,
Private equities	 108,914	105,381
Total equities	249,378	223,622
Fixed income		
Bonds	97,258	103,658
Other debt	27,187	27,214
Money market securities	22,202	24,908
Total fixed income	146,647	155,780
Absolute return strategies	29,474	27,922
Real assets		
Real estate	41,528	43,718
Infrastructure	36,095	34,679
Power and renewables	8,693	8,711
Energy and resources	8,016	7,281
Total real assets	94,332	94,389
Investment receivables		
Securities purchased under reverse repurchase agreements and		
cash collateral pledged on securities borrowed	19,130	18,658
Derivative assets	6,039	9,730
Other	3,095	6,212
Total investment receivables	28,264	34,600
Total investments ¹	\$ 548,095 \$	5 536,313
Investment liabilities		
Securities sold under repurchase agreements and cash collateral		
received on securities lent	(43,683)	(52,347)
Debt financing liabilities	(39,702)	(38,395)
Securities sold short	(22,542)	(20,776)
Derivative liabilities	(3,414)	(10,023)
Short-term secured debt	(1,360)	(1,430)
Other	(3,030)	(4,104)
Total investment liabilities ¹	(113,731)	(127,075)
Pending trades receivable ¹	2,462	7,025
Pending trades payable ¹	(2,623)	(6,619)
Net investments	\$ 434,203 \$	

¹ Consists of all the financial assets and liabilities held by both Canada Pension Plan Investment Board and its investment holding subsidiaries. In contrast, the Condensed Interim Consolidated Balance Sheet presents all financial assets and liabilities held by investment holding subsidiaries as investments. This results in a difference of \$(556) million (March 31, 2020 - \$849 million), \$1 million (March 31, 2020 - \$13 million), \$1,070 million (March 31, 2020 - \$849 million) and \$513 million (March 31, 2020 - \$917 million) as compared to investments, investment liabilities, pending trades receivable and pending trades payable, respectively, as presented in the Condensed Interim Consolidated Balance Sheet. Refer to note 1.2, 2.1 and 2.2 for further details.

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(Unaudited)

General information

Canada Pension Plan Investment Board (CPP Investments) was established in December 1997 pursuant to the Canada Pension Plan Investment Board Act. CPP Investments is responsible for assisting the Canada Pension Plan (CPP) in meeting its obligations to contributors and beneficiaries under the legislation Canada Pension Plan (CPP) Act).

In December 2016, Royal Assent was given to Bill C-26 titled An Act to Amend the Canada Pension Plan, the Canada Pension Plan Investment Board Act and the Income Tax Act. With that, the CPP Act now defines two separate parts of the CPP. The "base CPP" refers to the benefits and contributions established before 2019. The "additional CPP" refers to the additional benefits and additional contributions that began on January 1, 2019. All references to "CPP" mean base CPP and additional CPP collectively.

The Condensed Interim Consolidated Financial Statements (Interim Financial Statements) provide information on the net assets managed by CPP Investments and do not include the liabilities and other assets of the CPP.

The Interim Financial Statements for the three months ended June 30, 2020 were approved by the Board of Directors and authorized for issue on August 13, 2020.

Summary of significant accounting policies 1.

1.1. Basis of presentation

The Interim Financial Statements have been prepared in compliance with International Accounting Standard 34, Interim Financial Reporting and do not include all of the information and disclosures required in the Annual Consolidated Financial Statements. The Interim Financial Statements should be read in conjunction with CPP Investments' 2020 Annual Consolidated Financial Statements included on pages 133 to 179 of CPP Investments' 2020 Annual Report. The Interim Financial Statements follow the same accounting policies and methods as the most recent Annual Consolidated Financial Statements.

1.2. Subsidiaries

CPP Investments qualifies as an investment entity and reports the results of its operations in accordance with IFRS 10 Consolidated Financial Statements. As a consequence, the Interim Financial Statements represent the results of operations of CPP Investments and its wholly owned subsidiaries that were created to provide investment-related services to support its operations. Operating subsidiaries of this nature include those that provide investment advisory services or subsidiaries that were created to provide financing to CPP Investments.

Subsidiaries that are managed by CPP Investments to hold investments are referred to herein as investment holding subsidiaries. Such subsidiaries are not consolidated in these Interim Financial Statements but instead are measured and reported at fair value. Fair value for unconsolidated investment holding subsidiaries is based on the fair value of the underlying investments, investment liabilities and pending trades held by the investment holding subsidiary together with its accumulated net income from operations less dividends paid.

2. Fair value measurement

This note categorizes the fair value of investments and investment liabilities within the three levels of the fair value hierarchy. For investment valuations that require significant judgment, the note further provides the roll-forward of these investments during the period and the range of valuation techniques and inputs used.

2.1 Fair value hierarchy of investments and investment liabilities held directly by CPP Investments

(CAD millions)			As at .	lune 30, 2020				
		Level 1		Level 2		Level 3		
				Malaattaa		Maharatan		
				Valuation		Valuation		
				technique -		echnique -		
		Quoted		observable		observable		
		Market Price	n	narket inputs	ma	rket inputs		Total
Investments								
Equities								
Public equities ¹	\$	121,390	\$	4,153	\$	36	\$	125,579
Private equities		-		-		5,932		5,932
Total equities		121,390		4,153		5,968		131,511
Fixed income								
Bonds		56,693		37,692		-		94,385
Other debt		-		1,228		2,377		3,605
Money market securities		-		20,765		-		20,765
Total fixed income		56,693		59,685		2,377		118,755
Absolute return strategies		-		16,070		1,461		17,531
Real assets								
Real estate		-		-		13,161		13,161
Infrastructure		-		-		7,877		7,877
Power and renewables		-		-		1,150		1,150
Energy and resources		-		-		1,920		1,920
Total real assets		-		-		24,108		24,108
Investment receivables								
Securities purchased under reverse								
repurchase agreements and cash								
collateral pledged on securities borrowed		-		19,130		-		19,130
Derivative assets		5		6,034		-		6,039
Other ²		-		2,793		-		2,793
Total investment receivables		5		27,957		-		27,962
Investments in investment holding								
subsidiaries (note 2.2)		-		-		228,784		228,784
Total investments	\$	178,088	Ś	107,865	Ś	262,698	Ś	548,651
Investment liabilities			<u> </u>					
Securities sold under repurchase								
agreements and cash collateral received								
on securities lent				(43,683)		_		(43,683)
Debt financing liabilities		(36,975)		(2,727)		_		(39,702)
Securities sold short		(22,542)		(_)/_//		_		(22,542)
Derivative liabilities		(39)		(3,375)		_		(3,414)
Short-term secured debt		(00)		(1,360)		_		(1,360)
Other ²				(3,029)				(3,029)
Total investment liabilities		(59,556)		(54,174)				(113,730)
Pending trades receivable ³		(33,330)		1,392				1,392
Pending trades payable ³				(2,110)				(2,110)
Net investments	\$	119 522	\$		ć	262 609	\$	
iver investments	?	118,532	Ş	52,973	\$	262,698	Ş	434,203

(Unaudited)

(CAD millions)			As	at March 31, 20	20		
· · ·				Level 2			
		Level 1				Level 3	
				Valuation		Valuation	
				technique -	toch	nique - non-	
		Quoted		observable	leci	observable	
	M	arket Price		market inputs	m	narket inputs	Total
Investments							
Equities							
Public equities ¹	\$	100,769	\$	3,891	\$	33	\$ 104,693
Private equities		-		-		5,702	5,702
Total equities		100,769		3,891		5,735	110,395
Fixed income							
Bonds		60,295		40,829		-	101,124
Other debt		-		1,325		2,552	3,877
Money market securities		-		24,282		, _	24,282
Total fixed income		60,295		66,436		2,552	129,283
Absolute return strategies		-		14,735		1,534	16,269
Real assets						·	,
Real estate		-		-		14,469	14,469
Infrastructure		-		-		7,622	7,622
Power and renewables		-		-		1,114	1,114
Energy and resources		-		-		1,770	, 1,770
Total real assets		_		-		24.975	24,975
Investment receivables						•	,
Securities purchased under reverse							
repurchase agreements and cash							
collateral pledged on securities borrowed		-		18,658		-	18,658
Derivative assets		-		9,730		-	9,730
Other ²		-		5,925		-	5,925
Total investment receivables		-		34,313		-	34,313
Investments in investment holding							
subsidiaries (note 2.2)		-		-		220,229	220,229
Total investments	\$	161,064	\$	119,375	\$	255,025	\$ 535,464
Investment liabilities							
Securities sold under repurchase							
agreements and cash collateral received							
on securities lent		-		(52,347)		-	(52,347)
Debt financing liabilities		(32,639)		(5,756)		-	(38,395)
Securities sold short		(20,776)		-		-	(20,776)
Derivative liabilities		(353)		(9 <i>,</i> 670)		-	(10,023)
Short-term secured debt		-		(1,430)		-	(1,430)
Other ²		-		(4,091)		-	(4,091)
Total investment liabilities		(53,768)		(73,294)		-	(127,062)
Pending trades receivable ³		-		6,944		-	6,944
Pending trades payable ³		-		(5,702)		-	(5,702)
Net investments	\$	107,296	\$	47,323	\$	255,025	\$ 409,644

¹ Includes investments in funds.

² Included in other investment receivables and other investment liabilities is cash pledged as collateral of \$1,672 million (March 31, 2020 - \$3,855 million) and cash held as collateral of \$2,792 million (March 31, 2020 - \$3,709 million) on over-the-counter derivative transactions, respectively.

³ Pending trades receivable and payable are measured at amortized cost, which approximates fair value.

2.2 Supplemental information on fair value hierarchy relating to investment holding subsidiaries

The following table presents the fair value hierarchy of the underlying investments and investment liabilities held by investment holding subsidiaries. For further details on the nature and purpose of investment holding subsidiaries, refer to note 1.2.

(CAD millions)			As a	t June 30, 20	20			
·		Level 1		Level 2		Level 3		
		Quoted	te o	Valuation chnique – bservable	non	Valuation technique – -observable		
Investments	Iviar	ket Price	mari	ket inputs	m	arket inputs		Total
Equities								
Public equities ¹	\$	5,564	\$	9,200	\$	121	Ś	14,885
Private equities	2	5,504	,	5,200	1	102,982	,	102,982
Total equities		5,564		9,200		102,502		117,867
Fixed income		0,001		5)200		100,100		117,007
Bonds				2,873		-		2,873
Other debt				3,887		19,695		23,582
Money market securities				1,437		-		1,437
Total fixed income		-		8,197		19,695		27,892
Absolute return strategies		-		10,280		1,663		11,943
Real assets								
Real estate				-		28,367		28,367
Infrastructure				-		28,218		28,218
Power and renewables		-		-		7,543		7,543
Energy and resources						6,096		6,096
Total real assets		-		-		70,224		70,224
Investment receivables								
Derivative assets		-		-		-		-
Other				302		-		302
Total investment receivables		-		302				302
Total investments held by investment holding								
subsidiaries	\$	5,564	\$	27,979	\$	194,685	\$	228,228
Investment liabilities								
Other				(1)		-		(1)
Total investment liabilities held by investment								
holding subsidiaries		-		(1)		-		(1)
Pending trades receivable ²		-		1,070		-		1,070
Pending trades payable ²		-		(513)		-		(513)
Investments in investment holding subsidiaries	\$	5,564	\$	28,535	\$	194,685	\$	228,784

(Unaudited)

(CAD millions)			As a	t March 31, 2	020		
		Level 1		Level 2		Level 3	
				Valuation		Valuation	
			te	chnique –	1	technique –	
		Quoted	c	bservable	non	-observable	
	Mar	ket Price	mar	ket inputs	ma	arket inputs	Total
Investments							
Equities							
Public equities ¹	\$	5,496	\$	7,956	\$	96	\$ 13,548
Private equities		-		-		99,679	99,679
Total equities		5,496		7,956		99,775	113,227
Fixed income			_				
Bonds		-		2,534		-	2,534
Other debt		-		3,533		19,804	23,337
Money market securities		-		626		-	626
Total fixed income		-		6,693		19,804	26,497
Absolute return strategies		-		9,973		1,680	11,653
Real assets							
Real estate		-		-		29,249	29,249
Infrastructure		-		-		27,057	27,057
Power and renewables		-		-		7,597	7,597
Energy and resources		-		-		5,511	5,511
Total real assets		-		-		69,414	69,414
Investment receivables							
Derivative assets		-		-		-	-
Other		-		287		-	287
Total investment receivables		-		287		-	287
Total investments held by investment holding							
subsidiaries	\$	5,496	\$	24,909	\$	190,673	\$ 221,078
Investment liabilities							
Other		-		(13)		-	(13)
Total investment liabilities held by							
investment holding subsidiaries		-		(13)		-	(13)
Pending trades receivable ²		-		81		-	81
Pending trades payable ²		-		(917)		-	(917)
Investments in investment holding							
subsidiaries	\$	5,496	\$	24,060	\$	190,673	\$ 220,229

¹ Includes investments in funds.

² Pending trades receivable and payable are measured at amortized cost, which is a reasonable approximation of fair value.

2.3 Transfers between Level 1 and Level 2

During the three months ended June 30, 2020, there were \$8 million of transfers from Level 1 to Level 2 (for the year ended March 31, 2020 - \$2 million) and \$1 million of transfers from Level 2 to Level 1 (for the year ended March 31, 2020 - nil) for investments held directly by CPP Investments. Transfers between Level 1 and Level 2 depend on the availability of quoted market prices in active markets and valuations using inputs other than quoted prices that are observable. These transfers have been recognized at the end of period values.

2.4 Level 3 reconciliation

The following presents the reconciliations for investments included in Level 3 of the fair value hierarchy:

		For the	three mont	:hs ended Jເ	ine 30, 2020)		
(CAD millions)	Fair value as at April 1, 2020	investment	Purchases	Sales ¹	Transfers into Level 3	Change in unrealized gains (losses) on investments still held at June 30, 2020 ²		
Investments								
Equities								
Public equities	\$ 33	\$ 3	\$-	\$-	\$-	\$ -	\$ 36	\$ 3
Private equities	5,702	139	1	-	90	-	5,932	139
Total equities	5,735	142	1	-	90	-	5,968	142
Fixed income								
Other debt	2,552	58	69	(218)	-	(84)	2,377	62
Absolute return								
strategies	1,534	(21)	237	(289)	-	-	1,461	(27)
Real assets								
Real estate	14,469	(1,094)	70	(284)	-	-	13,161	(909)
Infrastructure	7,622	187	74	(6)	-	-	7,877	187
Power and								
renewables	1,114	36	-	-	-	-	1,150	36
Energy and								
resources	1,770	77	73		-	-	1,920	77
Total real assets	24,975	(794)	217	(290)	-	-	24,108	(609)
Investments in								
investment holding								
subsidiaries ³	220,229	6,409	2,413	(267)	-	-	228,784	6,409
Total	\$ 255,025	\$ 5,794	\$ 2,937	\$ (1,064)	\$ 90	\$ (84)	\$ 262,698	\$ 5,977

(Unaudited)

					For the year	⁻ er	nded Mar	ch	31, 2020					
					,									Change in unrealized
			Gain (los	s)								Fair value		gains (losses)
	E	air value	included					т	ransfers	Tr	ansfers	as at	о	n investments
		as at	investme	nt					into		out of	March 31,		still held at
(CAD millions)	Apr	il 1,2019	incon	ne	Purchases		Sales ¹		Level 3		Level 3	2020	M	arch 31, 2020 ²
Investments														
Equities														
Public equities	\$	63	\$ (2	8)	\$-	\$	(2)	\$	-	\$	- \$	33	\$	(27)
Private equities		6,194	(91	2)	730		(319)		9		-	5,702		(918)
Total equities		6,257	(94	0)	730		(321)		9		-	5,735		(945)
Fixed income														
Other debt		2,159	(6	1)	983		(529)		-		-	2,552		(27)
Absolute return														
strategies		447	ļ	57	68		(120)		1,082		-	1,534		98
Real assets														
Real estate		15,217	53	31	890		(2,169)		-		-	14,469		392
Infrastructure		12,534	(38	8)	-		(4,524)		-		-	7,622		(7)
Power and														
renewables		1,215	(10	1)	-		-		-		-	1,114		(101)
Energy and														
resources		1,888	(11	8)	-		-		-		-	1,770		(118)
Total real assets		30,854	(7	6)	890		(6 <i>,</i> 693)		-		-	24,975		166
Investment receivables														
Other		2	(2)	-		-		-		-	-		-
Total investment				,										
receivables		2	(2)	-		-		-		-	-		-
Investments in														
investment														
holding														
subsidiaries ³		199,571	(2,78	4)	24,854		(1,412)		-		-	220,229		(2,784)
Total	\$	239,290	\$ (3,80	6)	\$ 27,525	\$	(9,075)	\$	1,091	\$	- \$	255,025	¢	(3,492)

¹ Includes return of capital.

² Included in investment income.

³ Purchases relating to investment holding subsidiaries represent capital contributions or net loan funding provided to these subsidiaries. Sales relating to investment holding subsidiaries represent return of capital from these subsidiaries.

Transfers into and out of Level 3 were primarily due to changes in the availability of market observable inputs used to determine fair value. Transfers into and out of Level 3 are deemed to have occurred at the end of period values. The entire 'change in unrealized gains (losses) on investments still held' column in the above reconciliation includes or excludes the investments transferred into and out of Level 3, respectively.

2.5 Level 3 – Significant unobservable inputs

The table below presents the fair value of investments directly held by CPP Investments, valuation techniques used to determine their fair values, and the ranges and weighted averages of unobservable inputs.

Investment holding subsidiaries are also classified as Level 3 in the fair value hierarchy. The fair value is largely driven by Level 3 investments, for which the valuation techniques, ranges and weighted averages of unobservable inputs are included below. However, certain investments held by the investment holding subsidiaries are based on quoted prices in active markets (Level 1) or valued using observable inputs (Level 2). These amount to \$5,564 million (March 31, 2020 - \$5,496 million) and \$28,535 million (March 31, 2020 - \$24,060 million), respectively. Refer to note 2.2 for further details on Level 1 and Level 2 investments relating to investment holding subsidiaries. As each investment holding subsidiary is largely composed of Level 3 investments, the entire subsidiary is classified as Level 3.

(Unaudited)

				As at June 30, 2020		
	Fair value of	investments	Primary valuation	Significant	Range of input	Weighted
(CAD millions)	hele	d by:	techniques used ^{1,2}	unobservable inputs	values ³	average ³
		Investment				
	СРР	holding				
	Investments	subsidiaries				
Public equities						
Direct	\$ -	\$ 8,319	Quoted market price	-		-
Fund Investments	36	6,566	Net asset value provided	-	-	-
			by investment manager			
Private equities						
Direct	5,836	38,401	Earnings multiples of	EBITDA multiple	6.2X-21.2X	14.2X
			comparable companies			
			Discounted cash flow	Discount rate	8.1%-29.0%	11.7%
	-	13,740	Net asset value provided	-		-
		· ·	by investment manager			
Fund investments	96	50,841	Net asset value provided	-		-
			by investment manager			
Bonds			a, in source in anager			
Direct	_	2,873	Quoted market prices or	-	_	_
Direct		2,075	discounted cash flows			
Other debt			using observable inputs			
	110	17 007	Discounted each flow	Discount rate	4 20/ 22 60/	10.0%
Direct private debt	118	17,807	Discounted cash flow	Discount rate	4.3%-33.6%	10.0%
	-	1,506	Net asset value provided	-	-	-
	2 2 2 4	222	by investment manager		54 494 400 494	00.000
Asset-backed securities	2,231	338	Comparable pricing	Price	51.1%-109.4%	96.3%
Fund investments	28	3,931	Net asset value provided	-		
			by investment manager			
Money market securities						
Direct	-	1,437	Cost with accrued interest	-		-
Absolute return						
strategies						
Fund investments	1,461	11,943	Net asset value provided	-	-	-
			by investment manager			
Real estate						
Direct	11,635	5,984	Discounted cash flow	Discount rate	5.0%-14.3%	6.8%
				Terminal	3.5%-10.8%	5.5%
				capitalization rate		
	1,428	19,710	Net asset value provided			-
			by investment partner			
Fund investments	98	2,673	Net asset value provided	-		-
		· ·	by investment manager			
Infrastructure			.,			
Direct	7,877	28,192	Discounted cash flow	Discount rate	7.2%-13.8%	8.8%
Fund investments		26	Net asset value provided	-	-	-
		20	by investment manager			
Power and Renewables			ay introduction munuger			
Direct	1,150	7,543	Discounted cash flow	Discount rate	7.3%-13.5%	9.9%
Energy and Resources	1,130	7,545	Discounted cash now	Discountrate	7.378-13.378	5.578
Direct	1,920	6,096	Discounted cash flow	Discount rate	9.0%-29.0%	11.4%
	1,920	0,090	Discounted cash now	Discount rate	9.070-29.0%	11.4%
Investment receivables		202	Cost with corrupt interest			
Other	-	302	Cost with accrued interest	-	-	-
Investment liabilities		(
Other	-	(1)	Cost with accrued interest	-	-	
Pending trades net	-	557	Amortized cost	-	-	
receivable/(payable)				-		
Total	\$ 33,914	\$ 228,784				

(Unaudited)

				As at March 31, 2020		
		investments	Primary valuation	Significant	Range of input	Weighted
(CAD millions)	held	d by:	techniques used ^{1,2}	unobservable inputs	values ³	average ³
		Investment				
	CPP	holding				
	Investments	subsidiaries				
Public equities						
Direct	\$-	\$ 7,643	Quoted market price	-	-	-
Fund Investments	33	5,905	Net asset value provided by investment manager	-	-	-
Private equities						
Direct	5,623	37,730	Earnings multiples of comparable companies	EBITDA multiple	6.2X-21.2X	13.4X
			Discounted cash flow	Discount rate	8.6%-13.6%	11.8%
	-	12,540	Net asset value provided by investment manager	-	-	-
Fund investments	79	49,409	Net asset value provided	-	-	-
Dondo			by investment manager			
Bonds Direct	_	2,534	Quoted market prices or	_	_	_
Direct	-	2,554	discounted cash flows	-	-	-
			using observable inputs			
Other debt			using observable inputs			
Direct private debt	210	17,359	Discounted cash flow	Discount rate	5.6%-64.9%	12.5%
Direct private debt	- 210	1,475	Net asset value provided	Discount rate	5.070-04.570	12.370
		1,475	by investment manager			
Asset-backed securities	2,311	203	Comparable pricing	Price	49.5%-101.1%	89.6%
Fund investments	2,311	4,300	Net asset value provided	FILE	49.3/0-101.1/0	89.0%
i unu investments	51	4,500	by investment manager	-	_	-
Money market securities			by investment manager			
Direct	-	626	Cost with accrued interest	-	-	-
Absolute return						
strategies						
Fund investments	1,534	11,653	Net asset value provided	-	-	-
	,	,	by investment manager			
Real estate			, 3			
Direct	12,791	5,799	Discounted cash flow	Discount rate	5.0%-14.3%	6.7%
	,	,		Terminal	3.3%-10.8%	5.5%
				capitalization rate		
	1,559	20,738	Net asset value provided		-	-
	,	-,	by investment partner			
Fund investments	119	2,712	Net asset value provided	-	-	-
		_,	by investment manager			
nfrastructure			,			
Direct	7,622	27,027	Discounted cash flow	Discount rate	7.1%-13.8%	8.6%
Fund investments	-,022	30	Net asset value provided	-		-
			by investment manager			
Power and Renewables			,			
Direct	1,114	7,597	Discounted cash flow	Discount rate	7.6%-14.7%	10.3%
Energy and Resources						
Direct	1,770	5,511	Discounted cash flow	Discount rate	9.0%-15.0%	11.6%
nvestment receivables	_,•	-,				
Other	-	287	Cost with accrued interest	-	-	-
nvestment liabilities						
Other	-	(13)	Cost with accrued interest	-	-	-
Pending trades net	-	(836)	Amortized cost	-	-	-
receivable/(payable)		(000)				
Total	\$ 34,796	\$ 220,229				

(Unaudited)

- ¹ In certain cases, external valuations are prepared by a third-party and hence, valuation information is not available.
- ² May include certain recently acquired investments held at cost, which approximates fair value.
- ³ The range of input values represents the highest and lowest inputs used to value the investments in a particular asset class. The weighted average of the input values is calculated based on the relative fair values of the investments within the asset class. The diversity of investments reported within each asset class, such as the geographic location and industry sector of the investments, may result in certain ranges of inputs being wide and unevenly distributed across the range.

2.6 Sensitivity analysis of valuations using unobservable inputs

Significant changes in any of the above unobservable inputs would result in a significantly higher or lower fair value measurement. The interrelationship of significant unobservable inputs and fair value measurement for the most significant key inputs identified in the table above is as follows:

- An increase (decrease) in the EBITDA multiple will result in a higher (lower) fair value.
- An increase (decrease) in the discount rate and terminal capitalization rate will result in a lower (higher) fair value.

The fair values of the investments classified within Level 3 of the fair value hierarchy in note 2.1 and 2.2 are based on 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. With all other variables held constant, the use of reasonable alternative assumptions would result in a decrease of \$8,100 million (March 31, 2020 - \$11,100 million) or an increase of \$9,400 million (March 31, 2020 - \$10,600 million) in net assets. This sensitivity analysis is subject to the exercise of judgment and excludes investments where fair values are provided by investment managers as the underlying assumptions used are not available to CPP Investments. While CPP Investments has used all available information in providing its best estimate of the magnitude of the potential impact on Level 3 investments from the COVID-19 pandemic, the ranges noted above are based on alternate assumptions that are subject to material change.

(Unaudited)

3. Derivatives

The fair value of derivative contracts held by CPP Investments and its investment holding subsidiaries is as follows:

	As at	t June 30, 2020	As at March 31, 2020				
	Positive	Negative	Positive	Negative			
(CAD millions)	fair value	fair value	fair value	fair value			
Equity contracts							
Futures	\$ -	\$ -	\$ -	\$-			
Swaps	4,009	(2,491)	7,032	(8,237)			
Options:							
Exchange-traded – purchased	4	-	-	-			
Exchange-traded – written	-	(1)	-	(2)			
Over-the-counter – purchased	29	-	20	-			
Over-the-counter – written	-	(208)	-	(197)			
Warrants	-	-	-	-			
Total equity contracts	4,042	(2,700)	7,052	(8,436)			
Foreign exchange contracts							
Forwards	534	(421)	1,146	(853)			
Options:							
Over-the-counter – purchased	61	-	66	-			
Over-the-counter – written	-	(61)	-	(61)			
Total foreign exchange contracts	595	(482)	1,212	(914)			
Interest rate contracts							
Futures	-	-	-	-			
Forwards		-	-	-			
Swaps	1,367	(56)	1,412	(85)			
Options:							
Over-the-counter – written		(61)	-	(110)			
Total interest rate contracts	1,367	(117)	1,412	(195)			
Credit contracts							
Purchased credit default swaps	8	(18)	19	(19)			
Written credit default swaps	21	(25)	21	(21)			
Options:							
Over-the-counter – purchased	6	-	14	-			
Over-the-counter – written	-	(34)	-	(87)			
Total credit contracts	35	(77)	54	(127)			
Commodity contracts							
Futures		-	-	-			
Options:							
Exchange-traded – written	-	(38)	-	(351)			
Total commodity contracts	-	(38)	-	(351)			
Total ¹	\$ 6,039	\$ (3,414)	\$ 9,730	\$ (10,023)			

¹ Includes nil (March 31, 2020 - nil) relating to interest rate derivatives transacted by investment holding subsidiaries.

(Unaudited)

4. Investment income

4.1 Investment income by nature

	For the three	e mo	onths ended
(CAD millions)	June 30, 2020		June 30, 2019 ²
Interest, dividends, and other investment income	\$ 1,423	\$	1,848
Realized (losses) gains on private equities and real assets	(80)		50
Unrealized (losses) on private equities and real assets	(575)		(805)
Unrealized gains on investment holding subsidiaries (note 4.2)	6,409		1,482
Realized and unrealized gains on public and other investments ¹	16,718		2,444
Total investment income	\$ 23,895	\$	5,019

¹ Consists of investment income from public equities, fixed income, absolute return strategies, derivatives and other.

² Certain comparatives have been reclassified to conform to the current period's presentation.

4.2 Supplemental information on investment income

The change in unrealized gains generated from investment holding subsidiaries is a composite of the following:

	For th	e three mo	nths en	hs ended		
(CAD millions)	June	30, 2020	June 30, 2019 ²			
Interest, dividends, and other investment income	\$	805	\$	1,059		
Realized gains on private equities and real assets		944		1,401		
Unrealized gains (losses) on private equities and real assets		1,158		(829)		
Realized and unrealized gains on public and other investments ¹		3,756		150		
Dividends paid to CPP Investments		-		(1)		
Investment-related expenses (note 5.2)		(254)		(298)		
Unrealized gains on investment holding subsidiaries	\$	6,409	\$	1,482		

¹ Consists of investment income from public equities, fixed income, absolute return strategies, derivatives and other.

² Certain comparatives have been reclassified to conform to the current period's presentation.

5. Investment-related expenses

5.1. Investment-related expenses of CPP Investments

Investment-related expenses borne by CPP Investments consist of the following:

	For the three m	onths e	ended				
(CAD millions)	June 30, 2020						
Borrowing costs	\$ 303	\$	394				
Investment management fees	273		143				
Transaction costs	66		45				
Total	\$ 642	\$	582				

5.2 Supplemental information on investment-related expenses

Investment-related expenses borne by CPP Investments' investment holding subsidiaries consist of the following:

(Unaudited)

	For the three m	onths	ended
(CAD millions)	June 30, 2020		June 30, 2019
Investment management fees	\$ 235	\$	293
Transaction costs	19		5
Total	\$ 254	\$	298

6. Segment information

6.1 Net income from operations by investment segment

The table below illustrates the investment income generated and the associated investment-related expenses and operating expenses incurred by each investment department to support their activities.

		For the three	months e	nded June 30,	2020			
(CAD millions)	Total Portfolio Management	Capital Markets and Factor Investing	Active Equities	Credit Investments	Private Equity	Real Assets	Adjustment ³	Total
Investment income								
(loss)	\$ 16,077	\$ 2,025	\$ 1,148	\$ 1,675	\$ 3,399	\$ (93)	\$ (336)	\$ 23,895
Investment-related								
expenses ^{1,2}	(399)	(311)	(12)	(5)	(178)	(73)	336	(642)
Net investment income								
(loss)	15,678	1,714	1,136	1,670	3,221	(166)	-	23,253
Operating expenses	(43)	(53)	(55)	(39)	(61)	(77)	-	(328)
Net income (loss) from								
operations	\$ 15,635	\$ 1,661	\$ 1,081	\$ 1,631	\$ 3,160	\$ (243)	\$ -	\$ 22,925

		For the three I	m	onths end	ed	June 30, 20)19) ⁴				
		Capital										
	Total	Markets										
	Portfolio	and Factor		Active		Credit		Private	Real			
(CAD millions)	Management	Investing		Equities	In	vestments		Equity	Assets	Adj	ustment ³	Total
Investment income												
(loss)	\$ 2,952 \$	256 \$	\$	1,181	\$	(34)	\$	2,073	\$ (887)	\$	(522)	\$ 5,019
Investment-related												
expenses ^{1, 2}	(637)	(264)		(22)		(6)		(135)	(40)		522	(582)
Net investment												
income (loss)	2,315	(8)		1,159		(40)		1,938	(927)		-	4,437
Operating expenses	(53)	(43)		(41)		(30)		(53)	(67)		-	(287)
Net income (loss)												
from operations	\$ 2,262 \$	5 (51) Ş	\$	1,118	\$	(70)	\$	1,885	\$ (994)	\$	-	\$ 4,150

¹ Costs of \$385 million (June 30, 2019 – \$618 million) attributable to Total Portfolio Management represent borrowing costs as described in note 5 of \$303 million (June 30, 2019 - \$394 million), as well as the leverage-generating elements of additional derivative transactions of \$82 million (June 30, 2019 - \$224 million). Together these amounts reflect the financing costs described in note 10.2, which is a measure used by Management to monitor the total costs associated with all sources of leverage to CPP Investments.

² Includes borrowing costs, investment management fees and transaction costs borne by CPP Investments and its investment holding subsidiaries in relation to the respective departments.

³ Consists of costs on the leverage-generating elements of additional derivative transactions, and investment management fees and transaction costs borne by investment holding subsidiaries, all of which are reclassified into investment income.

⁴ Certain comparatives have been reclassified to conform to the current period's presentation.

(Unaudited)

	Net assets (liabilities)													
(CAD millions)		al Portfolio		Capital Markets and Factor Investing		Active Equities	In	Credit		Private Equity		Real Assets		Tota
As at:														
June 30, 2020	\$	195,621	\$	480	\$	1,258	\$	39,810	\$	99,247	\$	98,018	\$	434,43
March 31, 2020		179,681		(2,686)		430		39,965		94,557		97,641		409,58

6.2 Net assets (liabilities) by investment segment

¹ Net assets attributable to Total Portfolio Management include net corporate assets of \$231 million (March 31, 2020 – net corporate liabilities of \$56 million).

6.3 Geographic information

Net investments are presented in the table below based on the region to which they have primary economic exposure:

	Net investments ¹													
							(e	Europe excluding						
(CAD millions)		Canada		U.S.		Asia		U.K.)		U.K.		Other		Total
As at:														
June 30, 2020	\$	69,376	\$	148,386	\$	111,862	\$	49,096	\$	18,667	\$	36,816	\$	434,203
March 31, 2020		63,858		144,259		102,855		42,723		20,698		35,251		409,644

¹ Includes debt financing liabilities of \$3,729 million, \$22,452 million, \$9,681 million, and \$3,840 million (March 31, 2020 - \$3,629 million, \$23,990 million, \$9,890 million, and \$886 million), based on the currencies of the issuances, in Canada, the U.S., Europe (excluding the U.K.) and the U.K., respectively.

7. Risk management

CPP Investments' framework to monitor, evaluate and manage these risks is consistent with what was in place as at March 31, 2020, other than changes to certain investment risk limits which are further described in note 7.1.

7.1 Total portfolio risk

A suite of risk measures is used within CPP Investments to monitor and assess the risk profile of the base CPP Investment Portfolio and the additional CPP Investment Portfolio (collectively the "Investment Portfolios"). Regular risk reports are provided to Senior Management and the Board of Directors to support the governance of the various dimensions of investment risk to which the Investment Portfolios are exposed.

Plan adjustment risk is the percentage probability of a 0.25% increase in the Minimum Contribution Rate applicable to CPP contributors, over a 20-year horizon, due solely to adverse investment experience. It is an overarching measure that is impacted by market, credit, liquidity and leverage risk. Additional investment risk governance measures include:

- Potential investment losses: The reported loss of the Investment Portfolios over a one-and five-year horizon is not expected to exceed the established limit of fund value for that horizon 19 times out of 20. It is based on the value-at-risk measure at a 95 percent confidence level.
- Liquidity and leverage risk measures, which are further described in Note 10.

These measures are monitored in addition to the equity/debt risk equivalence ratio, which is the proportion of equity versus debt in a simple two-asset reference portfolio that would give the same market and credit risk as that of the applicable Investment Portfolio.

The monitoring of adherence to investment risk limits is conducted independently by the Risk group using both industry standards and internally developed risk models. Effective April 1, 2020, the one-year potential loss risk appetite statement limit for the base CPP increased from \$80 billion to \$90 billion to reflect the increase in the size of the base CPP Investment Portfolio. For the additional CPP, the one-year potential loss risk appetite statement limit increased from \$300 million to \$800 million to reflect the increase in the additional CPP Investment Portfolio size as well as updated expected returns of the additional CPP Investment Portfolio. The tables below provide a summary of the key investment risk governance measures of the Investment Portfolios.

					s at		s at
				June 30, 20)20	March 31, 20	020
(CAD millions, unless otherwise speci	fied)	Li	mit	base (CPP	base (СРР
Plan adjustment risk		30	%	26	%	26	%
Potential investment loss:							
One-year horizon	\$	90,000		\$ 79,099		\$ 69,377	
Five-year horizon ¹		25	%	17	%	13	%
Equity/debt risk equivalence ratio ²		55 - 100	%	86	%	84	%

				As	at		A	s at
				June 30, 20)20		March 31, 20	020
(CAD millions, unless otherwise specified)		Limi	t	additional CP	Ρ	additional CP		
Plan adjustment risk		30	%	28	%		28	%
Potential investment loss:								
One-year horizon	\$	800		\$ 395		\$	252	
Five-year horizon ¹		15	%	10	%		8	%
Equity/debt risk equivalence ratio ²		40 - 70	%	52	%		49	%

¹ Percentage of investment value.

² Conditional value-at-risk is measured to calculate the equity/debt risk equivalence ratio.

We continue to remain within our risk appetite levels despite the significant market movements observed globally as a result of the COVID 19 pandemic.

As part of our ongoing monitoring, we perform scenario analysis to quantify the impact of potential stress events, including how severe market or geopolitical events could affect CPP Investments' portfolios. In addition, we continue to refine a series of scenarios relating to the COVID-19 pandemic in an attempt to assess the potential financial impact on our Investment Portfolios.

8. Market risk

Market 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. Market risk includes equity risk, interest rate risk, spread risk and currency risk.

(Unaudited)

8.1. Equity risk

The Investment Portfolios invest in both publicly traded and private equities. Equity risk, which is the risk that the fair value or future cash flows will fluctuate because of changes in equity prices, is a significant source of risk of the Investment Portfolios.

8.2. 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. The Investment Portfolios are exposed to interest rate risk primarily through holdings of fixed income securities, certain investment liabilities and interest rate derivatives.

8.3. Spread risk

Spread risk is the difference in yield on certain securities compared to a comparable risk-free security (i.e. government issued) with the same maturity date. Spread risk is the risk that the fair value of these securities will fluctuate because of changes in spread. With all other variables held constant, an increase in spread rates would result in a decrease in assets or an increase in liabilities.

8.4. Currency risk

The Investment Portfolios are exposed to currency risk through holdings of investments or investment liabilities in various currencies. Fluctuations in the relative value of foreign currencies against the Canadian dollar can result in a positive or negative effect on the fair value or future cash flows of these investments and investment liabilities.

8.4.1 Currency risk exposures

The net currency exposures after allocating foreign currency derivatives, in Canadian dollars, are as follows:

(CAD millions)	As at June	30, 2020		As at March 3	31, 2020	
	Net	% of		Net	% of	
Currency	exposure	total ¹		exposure	total ¹	
United States dollar	\$ 240,225	55	%	\$ 230,536	56	%
Euro	30,819	7		25,921	6	
Chinese renminbi	16,684	3		14,954	4	
Australian dollar	13,613	3		12,669	3	
British pound sterling	12,417	3		15,438	4	
Hong Kong dollar	11,756	3		11,526	3	
Japanese yen	11,031	2		8,153	2	
Indian rupee	8,107	2		7,897	2	
Brazilian real	4,156	1		3,813	1	
Swiss Franc	3,497	1		3,286	1	
Mexican peso	3,184	1		1,948	-	
Chilean peso	2,655	1		2,652	1	
Other	8,493	2		8,824	2	
Total foreign exposure	366,637	84		347,617	85	
Canadian dollar	67,566	16		62,027	15	
Total	\$ 434,203	100	%	\$ 409,644	100	%

¹ May not reflect actual percentage of total due to rounding.

9. 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 underlying entity. The Investment Portfolios' credit risk exposure arises primarily through its investment in debt securities and over-the-counter derivatives. The carrying amounts of these investments as presented in the Consolidated Schedule of Investment Portfolio represent the maximum direct credit risk exposure at the Balance Sheet date.

9.1. Credit value-at-risk

A standalone measure for losses due to defaults and credit rating migration is monitored. A Monte Carlo simulation that incorporates likelihood of default, credit rating migration and recovery in the event of default for underlying credit instruments is adopted to quantify this dimension of risk. Credit value-at-risk, at a 99% confidence level, implies there is a 1% chance that the credit instruments in the Investment Portfolios will lose more than the amounts shown below in any given year due to default and credit migration risk.

(CAD millions)		As	at June 30, 2020	As at March 31, 2020					
	base CPP		additional CPP	base CPP		additional CPP			
Credit value-at-risk	\$ 6,158	\$	37	\$ 6,299	\$	26			

10. Liquidity and leverage risk

Liquidity and leverage risk includes three main components:

- Solvency risk The risk of failing to obtain the funds needed to meet payment obligations as they come due.
- Portfolio rebalancing risk The risk that CPP Investments is unable to fund investment programs and ٠ rebalance investment portfolios back to their target level of market risk and leverage during periods of stress.
- Leverage risk The risk that excessive on-and-off balance sheet leverage accelerates the worsening of market and liquidity risk factors during periods of stress.

10.1 Solvency risk and portfolio rebalancing risk

Liquidity risk increases from the use of various forms of leverage which CPP Investments uses to manage certain other risks and enhance fund returns. The use of leverage is governed directly through leverage measures (Note 10.2), and through liquidity risk limits which require sufficient liquidity to be available to manage both solvency and portfolio rebalancing risks.

The table below presents the unsecured credit facilities that CPP Investments maintained at each reporting date. There were no credit facilities drawn as at June 30, 2020 and March 31, 2020.

(CAD millions)	As at June 30, 2020	As at March 31, 2020
Unsecured credit facilities held	\$ 6,267	\$ 6,482

The liquidity coverage ratio measures the level of liquidity CPP Investments maintains to meet all CPP and investment obligations over various time horizons including any 10-day period. It measures the amount of liquid securities available to meet CPP Investments' payment obligations as they become due, to fund investment programs, and to rebalance the portfolio in periods of market stress, all without realizing unacceptable losses.

	Limit	As at June 30, 2020	As at March 31, 2020
Liquidity coverage ratio	1.0x	2.9 x	3.3x

10.2 Leverage risk

Leverage risk is monitored against two metrics which together capture different aspects of leverage across the Investment Portfolios:

- Total financing liabilities is a notional-based measure which represents all financing activities that are undertaken to obtain leverage using both on-balance sheet and off-balance sheet items.
- Risk weighted liabilities is determined using risk-weighted notionals of recourse liabilities which represent the risk of the underlying leverage products, including derivatives, used by CPP Investments.

The table below presents the key leverage risk metrics of the Investment Portfolios.

	As at June 30,	2020	As at March 31, 2020
Total financing liabilities	24.2	%	24.9 %
Risk weighted liabilities	12.4	%	13.0 %

For the three months ended June 30, 2020, the associated financing costs on total financing liabilities were \$385 million (June 30, 2019 - \$618 million). These financing costs are higher than the borrowing costs disclosed in note 5.1 due to the inclusion of certain derivative transactions which are utilized to provide additional sources of leverage to CPP Investments.

10.3 Terms to maturity

			Terms to	maturity				
			As at June	30, 2020			March 3	As at 31,2020 ³
(CAD millions)	Within 1 year	1 to 5 years	6 to 10 years	Over 10 years	Total ²	Average effective vield	Total ²	Average effective yield
Non-marketable bonds	,	,		,				,
Canadian provincial								
government	\$ 1,306 \$	6,572 \$	1,308 \$	13,837 \$	23,023	1.8 % \$	22,368	2.4 %
Marketable bonds								
Government of Canada	-	3,389	471	797	4,657	0.7	7,478	0.8
Canadian provincial								
government		1,185	2,797	3,838	7,820	1.8	6,287	2.4
Canadian government								
corporations	3	1,646	1,032	881	3,562	0.6	3,789	1.1
Foreign government	29	17,292	8,928	19,973	46,222	1.3	52 <i>,</i> 952	1.5
Corporate bonds	72	3,297	3,147	2,585	9,101	2.9	8,249	3.8
Other debt								
Private debt ¹	118	231	-	-	349	3.0	552	6.2
Asset-backed securities	36	42	422	1,731	2,231	2.9	2,311	3.9
Securities purchased under reverse repurchase								
agreements	18,016		_		18,016	1.1	17,665	0.5
Cash collateral pledged on	10,010				10,010	1.1	17,000	0.5
securities borrowed	1,114	-	-	-	1,114	n/a	993	n/a
Total	\$ 20,694 \$	33,654 \$	18,105 \$	43,642 \$	116,095	n/a \$	122,644	n/a

10.3.1 Terms to maturity of non-derivative investments held directly by CPP Investments

¹ Includes direct investments and excludes fund investments.

² Represents fair value.

³ Certain comparatives have been reclassified to conform to the current year's presentation.

10.3.2 Terms to maturity of non-derivative investments held by investment holding subsidiaries

The following table presents supplemental information relating to the terms to maturity of investments held by investment holding subsidiaries.

			Terms to	maturity				
		March	As at March 31, 2020					
(CAD millions)	Within 1 year	1 to 5 years	6 to 10 years	Over 10 years	Total ²	Average effective yield	Total ²	Average effective yield
Marketable bonds								
Foreign government	\$ - \$	- \$	- \$	- \$		- %	\$-	- %
Corporate bonds	18	774	1,937	144	2,873	6.1	2,535	7.3
Other debt								
Private debt ¹	1,058	5,565	8,077	-	14,700	8.0	14,092	10.2
Asset-backed securities	-	96	106	136	338	5.1	203	6.2
Total	\$ 1,076 \$	6,435 \$	10,120 \$	280 \$	17,911	n/a	\$ 16,830	n/a

¹ Includes direct investments and excludes fund investments.

² Represents fair value.

			Terr	ms to matu	rity							
	As at June 30, 2020 As at March 31, 2020 ⁴											
							Weighted	l		Weighted		
							average	2		average		
	Within	1 to 5	6 to 10	Over 10		Fair	interest	t	Fair	interest		
(CAD millions)	1 year	years	years	years	Total ³	value	rate	Total ³	value	rate		
Securities sold under												
repurchase												
agreements	\$ 43,622 \$	- \$	- \$	\$	43,622 \$	43,568	0.8%	52,261 \$	52,189	1.0 %		
Cash collateral												
received on												
securities lent	115		-		115	115	n/a	158	158	n/a		
Securities sold short ^{1,2}	22,542		-	-	22,542	22,542	n/a	20,776	20,776	n/a		
Debt financing												
liabilities												
Commercial paper												
payable	2,731		-		2,731	2,727	1.7	5,775	5,757	1.7		
Term debt	4,427	18,229	9,455	3,059	35,170	36,975	0.5	31,152	32,638	0.7		
Short-term secured												
debt	1,360	-	-	-	1,360	1,360	0.3	1,430	1,430	1.1		
Total	\$ 74,797 \$	18,229 \$	9,455 \$	3,059 \$	105,540 \$	107,287	n/a Ş	\$ 111,552 \$	112,948	n/a		

10.3.3 Terms to maturity of non-derivative investment liabilities held directly by CPP Investments

¹ Considered repayable within one year based on the earliest period in which the counterparty could request payment under certain conditions.

² Includes equities sold short for which the average interest rate is not applicable.

³ Represents contractual amounts.

⁴ Certain comparatives have been reclassified to conform to the current year's presentation.

11. Reconciliation of debt financing liabilities

The following table provides a reconciliation of debt financing liabilities arising from financing activities:

		For the t	hree I	months ende	d Jui	ne 30, 2020				
								Non-cash		
		As at					Char	nges in fair		As at
(CAD millions)	millions) April 1, 2020 Proceeds Repayments value ¹						value ¹	June 30, 2020		
Debt financing liabilities	\$	38,395	\$	6,422	\$	(4,155)	\$	(960)	\$	39,702
		For the t	hree i	months ended	d Jur	ne 30, 2019				
								Non-cash		
		As at					Chai	nges in fair		As at
(CAD millions)		April 1, 2019		Proceeds		Repayments		value ¹	Ju	ine 30, 2019
Debt financing liabilities	\$	30,861	\$	2,518	\$	(1,982)	\$	(105)	\$	31,292

¹ Includes foreign exchange (gains) of \$(1,329) million (June 30, 2019 - \$(557) million).

(Unaudited)

12. Collateral

12.1 Collateral held and pledged directly by CPP Investments

The net fair value of collateral held and pledged directly by CPP Investments was as follows:

	As at	As at
(CAD millions)	June 30, 2020	March 31, 2020
Third-party assets held as collateral on ¹ :		
Reverse repurchase agreements	\$ 17,977	\$ 17,606
Over-the-counter derivative transactions	2,792	3,709
Securities lent ^{2,4}	1,079	613
Own and third-party assets pledged as collateral on:		
Repurchase agreements	(43,568)	(52,072)
Securities borrowed ^{3,4}	(26,279)	(23,265)
Short-term secured debt ⁵	(1,948)	(1,879)
Over-the-counter derivative transactions	(1,672)	(3,855)
Loans ⁶	(3,017)	(3,607)
Total	\$ (54,636)	\$ (62,750)

¹ The fair value of the collateral that may be sold or repledged as at June 30, 2020 was \$18,841 million (March 31, 2020 - \$18,025 million). The fair value held of collateral sold or repledged as at June 30, 2020 was \$9,468 million (March 31, 2020 - \$11,145 million).

² The fair value of securities lent as at June 30, 2020 was \$1,022 million (March 31, 2020 – \$675 million).

³ The fair value of securities borrowed as at June 30, 2020 was \$20,247 million (March 31, 2020 – \$16,953 million) of which \$19,260 million was sold or repledged (March 31, 2020 – \$16,160 million) for securities sold short.

⁴ Cash collateral payable on the balance sheet of \$115 million (March 31, 2020 – \$158 million) consists of collateral receivable of \$129 million and collateral payable of \$244 million that qualify for netting (March 31, 2020 – \$98 million and \$256 million, respectively).

⁵ Represents securities pledged as collateral on short-term cash borrowings from prime brokers.

⁶ Represents investment assets pledged by CPP Investments on Ioan liabilities held by its investment holding subsidiaries.

12.2 Supplemental information on collateral relating to investment holding subsidiaries

The net fair value of collateral held and pledged directly by investment holding subsidiaries was as follows:

	As at	As at
(CAD millions)	June 30, 2020	March 31, 2020
Third-party assets held as collateral on ¹ :		
Other debt	\$ 687	\$ 987
Own and third-party assets pledged as collateral on:		
Loans ²	(13,283)	(10,762)
Total	\$ (12,596)	\$ (9,775)

¹ The fair value of the collateral held that may be sold or repledged as at June 30, 2020 was \$687 million (March 31, 2020 - \$987 million). The fair value of collateral sold or repledged as at June 30, 2020 was nil (March 31, 2020 - nil).

² The loans liability is included in the fair value of investment holding subsidiaries.

13. Commitments

CPP Investments and its investment holding subsidiaries have entered into commitments related to the funding of investments. These commitments are generally payable on demand based on the funding needs of the investment subject to the terms and conditions of each agreement. As at June 30, 2020, the unfunded commitments for CPP Investments and its investment holding subsidiaries totalled \$1,672 million (March 31, 2020 - \$1,940 million) and \$50,834 million (March 31, 2020 - \$53,453 million), respectively.

14. Guarantees

As part of certain investment transactions, CPP Investments and its investment holding subsidiaries agreed to guarantee, as at June 30, 2020, up to \$243 million (March 31, 2020 - \$263 million) and \$5,053 million (March 31, 2020 - \$4,832 million), respectively, to other counterparties in the event certain investee entities default under the terms of loan and other related agreements.

15. Base CPP and additional CPP

The following note discloses the net assets, net investments and net income of CPP Investments' base CPP account and the additional CPP account.

15.1 Changes in net assets

The accumulated transfers from/to the CPP and its two parts, the base CPP and additional CPP, as well as their accumulated net income since inception, are as follows:

	Accumulated net transfers from CPP				A	ccu	mulated net	inc	ome		
	base		additional		base		additional			Total net	
(CAD millions)	СРР		СРР	Total	СРР		СРР		Total	assets	
As at April 1, 2019	\$ 143,935	\$	421 \$	144,356 \$	247,622	\$	2	\$	247,624	\$ 391,980	
Total net income											
for the period	-		-	-	4,140		10		4,150	4,150	
Transfers from CPP	13,298		443	13,741	-		-		-	13,741	
Transfers to CPP	(9,245)		-	(9,245)	-		-		-	(9,245)	
Balance as at											
June 30, 2019	\$ 147,988	\$	864 \$	148,852 \$	251,762	\$	12	\$	251,774	\$ 400,626	
As at April 1, 2020	\$ 147,544	\$	2,323 \$	149,867 \$	259,706	\$	15	\$	259,721	\$ 409,588	
Total net income											
for the period			-	-	22,776		149		22,925	22,925	
Transfers from CPP	11,117		807	11,924	-		-		-	11,924	
Transfers to CPP	(10,003)		-	(10,003)	-		-		-	(10,003)	
Balance as at											
June 30, 2020	\$ 148,658	\$	3,130 \$	151,788 \$	282,482	\$	164	\$	282,646	\$ 434,434	

15.2 Net assets of base CPP and additional CPP

The net assets of CPP Investments' base CPP and additional CPP accounts are as follows:

		As at June 30	, 2020	
	base	additional		
(CAD millions)	СРР	СРР		Total
Cash and cash equivalents held for investment purposes	\$ 19,956	\$ 142	\$	20,098
Net investments other than cash and cash equivalents	410,965	3,140		414,105
Net investments	430,921	3,282		434,203
Premises and equipment	450	13		463
Other assets ¹	245	2		247
Accounts payable and accrued liabilities	(476)	(3)		(479)
Net assets	\$ 431,140	\$ 3,294	\$	434,434

(Unaudited)

	As at March 31, 2020							
	base		additional					
(CAD millions)	СРР		CPP		Total			
Cash and cash equivalents held for investment purposes	\$ 23,469	\$	86	\$	23,555			
Net investments other than cash and cash equivalents	383,848		2,241		386,089			
Net investments	407,317		2,327		409,644			
Premises and equipment	461		13		474			
Other assets ¹	261		1		262			
Accounts payable and accrued liabilities	(789)		(3)		(792)			
Net assets	\$ 407,250	\$	2,338	\$	409,588			

¹ Includes cash held for operating purposes.

15.3 Schedule of investment portfolio for base CPP and additional CPP

The table below provides details of the investments and investment liabilities for CPP Investments' base CPP and additional CPP accounts:

		As	at June 30, 2020)	
	base		additional		
(CAD millions)	СРР		СРР		Total
Equities					
Public equities	\$ 139,820	\$	644	\$	140,464
Private equities	108,415		499		108,914
Total equities	248,235		1,143		249,378
Fixed income					
Bonds	95,514		1,744		97,258
Other debt	27,062		125		27,187
Money market securities	22,052		150		22,202
Total fixed income	144,628		2,019		146,647
Absolute return strategies	29,339		135		29,474
Real assets					
Real estate	41,338		190		41,528
Infrastructure	35,930		165		36,095
Power and renewables	8,653		40		8,693
Energy and resources	7,979		37		8,016
Total real assets	93,900		432		94,332
Investment receivables					
Securities purchased under reverse repurchase agreements					
and cash collateral pledged on securities borrowed	19,042		88		19,130
Derivative assets	6,011		28		6,039
Other	3,076		19		3,095
Total investment receivables	28,129		135		28,264
Total investments	\$ 544,231	\$	3,864	\$	548,095
Investment liabilities					
Securities sold under repurchase agreements and cash					
collateral received on securities lent	(43,483)		(200)		(43,683)
Debt financing liabilities	(39,520)		(182)		(39,702)
Securities sold short	(22,439)		(103)		(22,542)
Derivative liabilities	(3,398)		(16)		(3,414)
Short-term secured debt	(1,354)		(6)		(1,360)
Other	(3,016)		(14)		(3,030)
Total investment liabilities	(113,210)		(521)		(113,731)
Pending trades receivable	2,421		41		2,462
Pending trades payable	(2,521)		(102)		(2,623)
Net investments	\$ 430,921	Ś	3,282	\$	434,203

(Unaudited)

		As a	t March 31, 202	0	
	base		additional		
(CAD millions)	CPP		СРР		Tota
Equities					
Public equities	\$ 117,847	\$	394	\$	118,241
Private equities	105,030		351		105,382
Total equities	222,877		745		223,622
Fixed income					
Bonds	102,363		1,295		103,658
Other debt	27,123		91		27,214
Money market securities	24,818		90		24,908
Total fixed income	154,304		1,476		155,780
Absolute return strategies	27,829		93		27,922
Real assets					
Real estate	43,572		146		43,718
Infrastructure	34,563		116		34,679
Power and renewables	8,682		29		8,713
Energy and resources	7,257		24		7,283
Total real assets	94,074		315		94,389
Investment receivables					
Securities purchased under reverse repurchase agreements					
and cash collateral pledged on securities borrowed	18,595		63		18,658
Derivative assets	9,698		32		9,730
Other	6,186		26		6,212
Total investment receivables	34,479		121		34,600
Total investments	\$ 533,563	\$	2,750	\$	536,313
Investment liabilities					
Securities sold under repurchase agreements and cash					
collateral received on securities lent	(52,173)		(174)		(52,347
Debt financing liabilities	(38,267)		(128)		(38,395
Securities sold short	(20,707)		(69)		(20,776
Derivative liabilities	(9 <i>,</i> 989)		(34)		(10,023
Short-term secured debt	(1,425)		(5)		(1,430
Other	(4,090)		(14)		(4,104
Total investment liabilities	(126,651)		(424)		(127,075
Pending trades receivable	7,002		23		7,02
Pending trades payable	 (6,597)		(22)		(6,619
Net investments	\$ 407,317	\$	2,327	\$	409,644

(Unaudited)

15.4 Net income of base CPP and additional CPP

Details of net income of CPP Investments' base CPP and additional CPP accounts are as follows:

	For the three months ended June 30, 2020								
(CAD millions)		base CPP		additional CPP	Total				
Investment income	\$	23,741	\$	154	\$	23,895			
Investment-related expenses		(639)		(3)		(642)			
Net investment income		23,102		151		23,253			
Operating expenses		(326)		(2)		(328)			
Net income	\$	22,776	\$	149	\$	22,925			

	For the three months ended June 30, 2019 ¹							
(CAD millions)		base CPP		additional CPP	Total			
Investment income	\$	5,007	\$	12	\$	5,019		
Investment-related expenses		(581)		(1)		(582)		
Net investment income		4,426		11		4,437		
Operating expenses		(286)		(1)		(287)		
Net income	\$	4,140	\$	10	\$	4,150		

¹ Certain comparatives have been reclassified to conform to the current period's presentation.