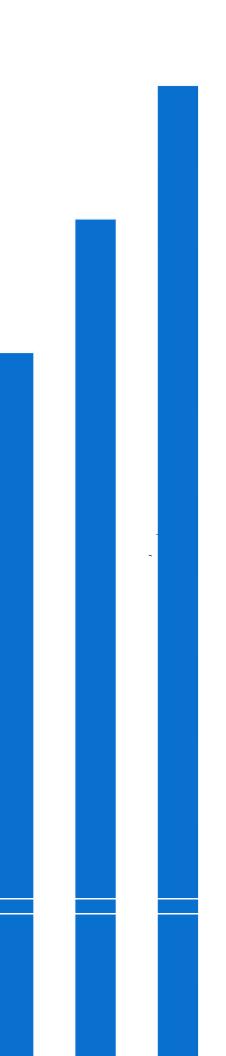


Condensed Interim Consolidated Financial Statements of Canada Pension Plan Investment Board

JUNE 30, 2021



## Condensed Interim Consolidated Balance Sheet

(Unaudited)

		As at	As at
(CAD millions)		March 31, 2021	
Assets			
Investments (note 2)	\$	625,302	\$ 595,952
Pending trades receivable		3,534	2,663
Premises and equipment		456	459
Other assets		364	311
Total assets		629,656	599,385
Liabilities			
Investment liabilities (note 2)		106,405	98,158
Pending trades payable		3,073	3,191
Accounts payable and accrued liabilities		529	849
Total liabilities		110,007	102,198
Net assets	\$	519,649	\$ 497,187
Net assets, represented by:			
Share capital	\$	-	\$ -
Accumulated net income from operations		361,440	343,665
Accumulated net transfers from the Canada Pension Plan		158,209	153,522
Net assets	\$	519,649	\$ 497,187

## Condensed Interim Consolidated Statement of Comprehensive Income

(Unaudited)

	For the three months ended										
(CAD millions)			June 30, 2020								
Investment income (note 4) Investment-related expenses (note 5)	\$	18,388 (227)	\$	23,895 (642)							
Net investment income		18,161		23,253							
Operating expenses		(386)		(328)							
Net income from operations and comprehensive income	\$	17,775	\$	22,925							

## 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, 2020	10	\$ -	\$ 149,867	\$ 259,721	\$ 409,588
Total net income for the period Canada Pension Plan transfers:		-	-	22,925	22,925
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
As at April 1, 2021	10	\$ -	\$ 153,522	\$ 343,665	\$ 497,187
Total net income for the period		-	-	17,775	17,775
Canada Pension Plan transfers:					
Transfers from the Canada Pension Plan		-	14,792	-	14,792
Transfers to the Canada Pension Plan		-	(10,105)	-	(10,105)
Balance at June 30, 2021	10	\$ 	\$ 158 <mark>,20</mark> 9	\$ 361,440	\$ 519,649

## Condensed Interim Consolidated Statement of Cash Flows

(Unaudited)

	For the three	month	s ended
(CAD millions)	June 30, 2021		June 30, 2020 <sup>3</sup>
Cash flows from operating activities			
Net income from operations	\$ 17,775	\$	22,925
Adjustments for non-cash items:			
Amortization of premises and equipment	15		12
(Gains) on debt financing liabilities (note 11)	(349)		(960
Effect of exchange rate changes on cash and cash equivalents	(5)		(598
Adjustments for net changes in operating assets and liabilities:			
(Increase) in investments	(32,351)		(15,420
(Increase) decrease in pending trades receivable	(871)		5,552
(Increase) in other assets	(4)		(16
Increase (decrease) in investment-related liabilities	5,015		(14,639
(Decrease) in pending trades payable	(118)		(3,592
(Decrease) in accounts payable and accrued liabilities	(320)		(313
Net cash flows (used in) operating activities	(11,213)		(7,049
Cash flows from financing activities			
Transfers from the Canada Pension Plan	14,792		11,924
Transfers to the Canada Pension Plan	(10,105)		(10,003
Proceeds from debt financing liabilities (note 11)	3,581		6,422
Repayment of debt financing liabilities (note 11)			(4,155
Net cash flows provided by financing activities	8,268		4,188
Cash flows from investing activities			
Acquisitions of premises and equipment	(12)		(1
Net cash flows (used in) investing activities	(12)		(1
Net (decrease) in cash and cash equivalents	(2,957)		(2,862
Cash and cash equivalents at the beginning of the period	13,969		23,123
Cash and cash equivalents at the end of the period	11,012		20,261
Cash and cash equivalents at the end of the period are comprised of:			
Cash and cash equivalents held for operating purposes <sup>1</sup>	274		163
Cash and cash equivalents held for investment purposes <sup>2</sup>	10,738		20,098
Total	\$ 11,012	\$	20,261

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

<sup>2</sup> Presented as a component of investments on the Condensed Interim Consolidated Balance Sheet.

<sup>3</sup> 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, 202	
Cash and cash equivalents		<b>12</b> \$ 14,532
Equities	/-	- <del>-</del>
Public equities	185,73	175,083
Private equities	142,80	
Total equities	328,53	
Fixed income		
Bonds	106,87	<b>98,560</b>
Other debt	29,69	28,879
Money market securities	48	<b>30</b> 143
Total fixed income	137,04	127,582
Absolute return strategies	29,67	<b>29,008</b>
Real assets		
Infrastructure	40,32	39,954
Real estate	38,67	38,078
Sustainable energies	19,41	<b>1</b> 9,145
Total real assets	98,41	L <b>3</b> 97,177
Investment receivables		
Securities purchased under reverse repurchase agreements and	13,98	<b>38</b> 7,127
Derivative assets	3,02	3,636
Other	2,79	2,764
Total investment receivables	<b>19,8</b> 1	13,527
Total investments <sup>1</sup>	\$ 625,62	2 \$ 596,353
Investment liabilities		
Debt financing liabilities	(39,68	<b>31)</b> (36,449)
Securities sold under repurchase agreements and cash collateral	(36,3	<b>55)</b> (33,150)
Securities sold short	(25,9)	00) (22,275)
Derivative liabilities	(2,2)	<b>54)</b> (3,004)
Short-term secured debt	(1,2)	08) (1,234)
Other	(1,0	(2,052)
Total investment liabilities <sup>1</sup>	(106,43	<b>LO)</b> (98,164)
Pending trades receivable <sup>1</sup>	4,15	3,077
Pending trades payable <sup>1</sup>	(4,0)	, , ,
Net investments	\$ 519,35	<b>8</b> \$ 497,266

<sup>1</sup> 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 \$320 million (March 31, 2021 - \$401 million), \$5 million (March 31, 2021 - \$6 million), \$622 million (March 31, 2021 - \$414 million) and \$937 million (March 31, 2021 - \$809 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.

<sup>2</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

(Unaudited)

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## **General information**

Canada Pension Plan Investment Board (CPP Investments) was established in December 1997 pursuant to the *Canada Pension Plan Investment Board Act* (CPPIB 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*. 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 together.

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, 2021 were approved by the Board of Directors and authorized for issue on August 11, 2021.

## 1. Summary of significant accounting policies

### **1.1 Basis of presentation**

The Interim Financial Statements have been prepared in compliance with International Accounting Standard (IAS) 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' 2021 Annual Consolidated Financial Statements included on pages 139 to 185 of CPP Investments' 2021 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 International Financial Reporting Standard (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 PP 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 through profit and loss in accordance with IFRS 9, *Financial Instruments*. 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.

## 1.3 Current year adoption in accounting policies

Effective April 1, 2021, we adopted Phase 2 amendments to IFRS 9 *Financial Instruments*, IAS 39 *Financial Instruments: Recognition and Measurement*, IFRS 7 *Financial Instruments: Disclosures*, IFRS 4 *Insurance Contracts*, and IFRS 16 *Leases* (Amendments). The amendments address issues affecting financial reporting as a result of changing the interest rate benchmark from the Interbank Offered Rates (IBORs) to alternative reference rates (ARRs) and provide specific financial statement disclosure requirements to outline the effect of the reform.

The transition from IBORs to ARRs will impact financial instruments referencing London Interbank Offered Rates (LIBOR) with a maturity date beyond June 30, 2023 for certain United States dollar LIBORs and December 31, 2021 for remaining LIBORs. The transition presents a number of risks, including updating systems and processes, amending contracts or existing fallback clauses and communicating with counterparties on IBOR reform. In order to manage those risks, CPP Investments has established an organization-wide program that includes stakeholders from both investment departments and core services to manage and coordinate all aspects of the transition.

The following table presents CPP Investments' LIBOR exposures to financial instruments subject to LIBOR reform that have yet to transition to ARRs with a maturity date beyond December 31, 2021 for non-United States dollar LIBORs and June 30, 2023 for United States dollar LIBORs.

(CAD millions)		As	at June 30, 2021	
		No	tional/Fair Value <sup>2</sup>	
	United States		British pound	Other LIBORs <sup>1</sup>
	dollar LIBOR		sterling LIBOR	
	Maturing after		Maturing after	Maturing after
	June 30, 2023		December 31, 2021	December 31, 2021
Non-derivatives <sup>3</sup>	\$ 7,251	\$	1,376	\$ -
Derivatives	\$ 42,898	\$	37	\$ 10

<sup>1</sup> Other LIBORs include exposures indexed to the Swiss franc LIBOR and the Japanese yen LIBOR.

<sup>2</sup> Represents fair value of non-derivative financial instruments and notional amounts of derivatives.

<sup>3</sup> Non-derivative financial instruments are comprised of Other debt and Infrastructure.

## 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

			As at Ju	ine 30, 2021			
		Level 1		Level 2		Level 3	
				Valuation		Valuation	
			te	chnique –	+	echnique –	
		Quoted		observable		observable	
(CAD millions)	Ma	arket Price		ket inputs		rket inputs	Total
Investments							
Cash and cash equivalents	\$		\$	10,738	\$	-	\$ 10,738
Equities							
Public equities <sup>1</sup>		162,923		3,716		52	166,691
Private equities				188		8,887	9,075
Total equities		162,923		3,904		8,939	175,766
Fixed income							
Bonds		57,274		45,583		-	102,857
Other debt		-		978		3,052	4,030
Money market securities		-		480			480
Total fixed income		57,274		47,041		3,052	107,367
Absolute return strategies		-		15,930		971	16,901
Real assets				, i i i i i i i i i i i i i i i i i i i			· · ·
Infrastructure		-		-		7,905	7,905
Real estate						9,457	9,457
Sustainable energies						2,984	2,984
Total real assets		-		-		20,346	20,346
Investment receivables							
Securities purchased under reverse							
repurchase agreements and cash collateral							
pledged on securities borrowed		-		13,988		-	13,988
Derivative assets		10		2,859		-	2,869
Other <sup>2</sup>				2,345		-	2,345
Total investment receivables		10		19,192		-	19,202
Investments in investment holding							
subsidiaries (note 2.2)						274,982	274,982
Total investments	\$	220,207	\$	96,805	\$	308,290	\$ 625,302
Investment liabilities							
Debt financing liabilities		(39,681)				-	(39,681
Securities sold under repurchase							
agreements and cash collateral received							
on securities lent				(36,355)		-	(36,355
Securities sold short		(25,899)		(1)		-	(25,900
Derivative liabilities		(56)		(2,208)		-	(2,264
Short-term secured debt		-		(1,208)		-	(1,208
Other <sup>2</sup>		-		(997)		-	(997
Total investment liabilities		(65,636)		(40,769)		-	 (106,405
Pending trades receivable <sup>3</sup>		-		3,534		-	3,534
Pending trades payable <sup>3</sup>		-		(3,073)		-	(3,073
Net investments	\$	154,571	\$	56,497	\$	308,290	\$ 519,358

(Unaudited)

			As a	t March 31, 2021	1		
		Level 1		Level 2		Level 3	
				Valuation		Valuation	
				technique –	1	technique –	
		Quoted		observable		-observable	
(CAD millions)	Mark	et Price		market inputs	m	arket inputs	Total
Investments							
Cash and cash equivalents	\$	-	\$	13,744	\$	-	\$ 13,744
Equities							
Public equities <sup>1</sup>		154,995		3,889		45	158,929
Private equities		-		172		8,598	8,770
Total equities		154,995		4,061		8,643	167,699
Fixed income							
Bonds		54,941		39,824		-	94,765
Other debt		-		1,049		2,709	3,758
Money market securities		-		143		-	143
Total fixed income		54,941		41,016		2,709	98,666
Absolute return strategies		-		15,734		1,012	16,746
Real assets							
Infrastructure		-		-		8,037	8,037
Real estate		-		-		9,556	9,556
Sustainable energies		-		-		2,887	2,887
Total real assets		-		-		20,480	20,480
Investment receivables							
Securities purchased under reverse							
repurchase agreements and cash collateral							
pledged on securities borrowed		-		7,127		-	7,127
Derivative assets		-		3,515		-	3,515
Other <sup>2</sup>		-		2,269		-	2,269
Total investment receivables		-		12,911		-	12,911
Investments in investment holding							
subsidiaries (note 2.2)		-		-		265,706	265,706
Total investments	\$	209,936	\$	87,466	\$	298,550	\$ 595,952
Investment liabilities							 
Debt financing liabilities		(36,449)		-		-	(36 <i>,</i> 449)
Securities sold under repurchase							
agreements and cash collateral received							
on securities lent		-		(33,150)		-	(33,150)
Securities sold short		(22,275)		-		-	(22,275)
Derivative liabilities		(45)		(2,957)		-	(3,002)
Short-term secured debt		-		(1,234)		-	(1,234)
Other <sup>2</sup>		-		(2,048)		-	(2,048)
Total investment liabilities		(58,769)		(39,389)		-	 (98,158)
Pending trades receivable <sup>3</sup>		-		2,663		-	2,663
Pending trades payable <sup>3</sup>		-		(3,191)		-	 (3 <i>,</i> 191)
Net investments	\$	151,167	\$	47,549	\$	298,550	\$ 497,266

<sup>1</sup> Includes investments in funds.

<sup>2</sup> Included in other investment receivables and other investment liabilities is cash pledged as collateral of \$1,345 million (March 31, 2021 - \$1,142 million) and cash held as collateral of \$949 million (March 31, 2021 - \$1,955 million) on over-the-counter derivative transactions, respectively.

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

<sup>4</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

## 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.

			As a	t June 30, 20	21			
		Level 1		Level 2		Level 3		
(CAD millions)	Mar	Quoted ket Price	te o	Valuation chnique – bservable «et inputs	non	Valuation echnique – observable rket inputs		Total
Investments			-					
Cash and cash equivalents	\$		\$	1,404	\$		\$	1,404
Equities								
Public equities <sup>1</sup>		11,605		7,393		45		19,043
Private equities		- 1		6,885		126,840	:	133,725
Total equities		11,605		14,278		126,885		152,768
Fixed income								
Bonds				4,018		-		4,018
Other debt				4,783		20,880		25,663
Money market securities				-				-
Total fixed income		-		8,801		20,880		29,681
Absolute return strategies		-		11,064		1,708		12,772
Real assets								
Infrastructure		-		-		32,418		32,418
Real estate						29,216		29,216
Sustainable energies						16,433		16,433
Total real assets						78,067		78,067
Investment receivables								
Derivative assets				157		-		157
Other				453		-		453
Total investment receivables		-		610		-		610
Total investments held by investment holding								
subsidiaries	\$	11,605	\$	36,157	\$	227,540	\$ 2	275,302
Investment liabilities								
Other				(5)				(5)
Total investment liabilities held by investment								
holding subsidiaries		-		(5)		-		(5)
Pending trades receivable <sup>2</sup>		-		622		-		622
Pending trades payable <sup>2</sup>		-		(937)		-		(937)
Investments in investment holding subsidiaries	\$	11,605	\$	35,837	\$	227,540	\$ 2	274,982

(Unaudited)

			As at	March 31, 20	)21 <sup>3</sup>		
	I	Level 1		Level 2		Level 3	
			,	Valuation		Valuation	
				hnique –	t	echnique –	
	C	Quoted		oservable		-observable	
(CAD millions)	Marke	t Price	mark	et inputs	m	arket inputs	Total
Investments							
Cash and cash equivalents	\$	-	\$	788	\$	-	\$ 788
Equities							
Public equities <sup>1</sup>		8,629		7,485		40	16,154
Private equities		-		7,385		123,289	130,674
Total equities		8,629		14,870		123,329	146,828
Fixed income							
Bonds		-		3,795		-	3,795
Other debt		-		4,342		20,779	25,121
Money market securities		-		-		-	
Total fixed income		-		8,137		20,779	28,916
Absolute return strategies		-		10,576		1,686	12,262
Real assets							
Infrastructure		-		-		31,917	31,917
Real estate		-		-		28,522	28,522
Sustainable energies		-		-		16,258	16,258
Total real assets		-		-		76,697	76,697
Investment receivables							
Derivative assets		-		121		-	121
Other		-		495		-	495
Total investment receivables		-		616		-	616
Total investments held by investment holding							
subsidiaries	\$	8,629	\$	34,987	\$	222,491	\$ 266,107
Investment liabilities							
Derivative liabilities		-		(2)		-	(2
Other		-		(4)		-	(4
Total investment liabilities held by investment							 
holding subsidiaries		-		(6)		-	 (6
Pending trades receivable <sup>2</sup>		-		414		-	 414
Pending trades payable <sup>2</sup>		-		(809)		-	 (809
Investments in investment holding subsidiaries	\$	8,629	\$	34,586	\$	222,491	\$ 265,706

<sup>1</sup> Includes investments in funds.

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

<sup>3</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

## 2.3 Transfers between Level 1 and Level 2

Transfers between levels in the fair value hierarchy are deemed to have occurred at the end of the reporting period. During the three months ended June 30, 2021, transfers from Level 1 to Level 2 included \$769 million of investments held directly by CPP Investments (during the year ended March 31, 2021 - \$103 million). During the three months ended June 30, 2021, there were no transfers from Level 2 to Level 1 of investments held directly by CPP Investments (during the year ended March 31, 2021 - \$104 million). 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.

(Unaudited)

## 2.4 Level 3 reconciliation

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

				For the t	hre	e month	s e	nded Jur	ne	30, 2021						
(CAD millions)	Aj	Fair value as at pril 1, 2021	incl inve	in (loss) uded in estment income	Ρι	ırchases		Sales <sup>1</sup>		ansfers into Level 3		nsfers out of evel 3	Jun	as at	on	Change in unrealized gains (losses) investments still held at ne 30, 2021 <sup>2</sup>
Investments Equities																
Public equities	\$	45	Ś	7	Ś		Ś		Ś	_	Ś	_	\$	52	\$	7
Private equities	2	8.598	2	539	2	61	2	(369)	?	58	2	1	2	8,887	2	562
Total equities		8,643		546		61		(369)		58				8,939		569
Fixed income		0,043		340				(303)						0,505		303
Other debt		2,709		85		463		(389)		184		1.1		3,052		158
Absolute return																
strategies		1,012		2		-		(43)						971		(2)
Real assets																
Infrastructure		8,037		220		333		(685)						7,905		(253)
Real estate		9,556		(153)		114		(60)						9,457		(165)
Sustainable																
energies		2,887		97								1.1		2,984		97
Total real assets		20,480		164		447		(745)				-		20,346		(321)
Investments in																
investment holding subsidiaries <sup>3</sup>		265,706		8,321		1,009		(54)		-		-		274,982		8,321
Total	\$	298,550	\$	9,118	\$	1,980	\$	(1,600)	\$	242	\$		\$	308,290	\$	8,725

(Unaudited)

			Fo	or t	the year	end	led March	31	L,2021 <sup>4</sup>						
															Change in
															unrealized
	Fair value	G	iain (loss)												gains (losses)
	as at	in	cluded in					Т	ransfers	Trans	fers		Fair value	on	investments
	April 1,	in	vestment						into	ou	t of		as at		still held at
(CAD millions)	2020		income	Pu	irchases		Sales <sup>1</sup>		Level 3	Lev	el 3	Maro	ch 31, 2021	Mai	<sup>-</sup> ch 31, 2021 <sup>2</sup>
Investments															
Equities															
Public equities	\$ 33	\$	13	\$	-	\$	(1)	\$	-	\$	-	\$	45	\$	14
Private equities	5,702		3,154		494		(903)		151		-		8,598		3,187
Total equities	5,735		3,167		494		(904)		151		-		8,643		3,201
Fixed income															
Other debt	2,552		243		1,967		(1,902)		-	(1	51)		2,709		(41)
Absolute return															
strategies	1,534		(78)		237		(776)		95		-		1,012		(140)
Real assets															
Infrastructure	7,622		867		25		(477)		-		-		8,037		867
Real estate	14,469		(2,526)		357		(2,744)		-		-		9,556		(2,392)
Sustainable															
energies	2,884		433		95		(526)		1		-		2,887		425
Total real assets	24,975		(1,226)		477		(3,747)		1		-		20,480		(1,100)
Investments in															
investment holding															
subsidiaries <sup>3</sup>	220,229		43,500		2,841		(864)		-		-		265,706		43,500
Total	\$ 255,025	\$	45,606	\$	6,016	\$	(8,193)	\$	247	\$ (1	51)	\$	298,550	\$	45,420

<sup>1</sup> Includes return of capital.

<sup>2</sup> Included in investment income.

<sup>3</sup> 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.

<sup>4</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

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 the reporting period. 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 \$11,605 million (March 31, 2021 - \$8,629 million) and \$35,837 million (March 31, 2021 - \$34,586 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, 2021		
	Fair value o	f investments	Primary valuation	Significant	Range of	Weighted
	hel	d by:	techniques used <sup>1</sup>	unobservable inputs	input values <sup>2</sup>	average <sup>2</sup>
		Investment				
	СРР	holding				
(CAD millions)	Investments	subsidiaries				
Cash and cash equivalents	\$-	\$ 1,404	Cost with accrued interest	-	-	-
Public equities						
Direct	-	12,182	Quoted market price	-	-	-
Fund investments	52	6,861	Net asset value provided	-		-
			by investment manager			
Private equities						
Direct	8,756	54,115	Earnings multiples of	EBITDA multiple	3.4X-44.8X	22.2X
			comparable companies	1		
			Discounted cash flow	Discount rate	8.0%-14.8%	11.5%
	14	14,964	Net asset value provided	-		-
			by investment manager			
Fund investments	117	64,646	Net asset value provided	-		-
			by investment manager			
Bonds	-	4,018	Quoted market prices or	-	-	-
		· · · ·	discounted cash flows			
			using observable inputs			
Other debt						
Direct private debt	230	18,971	Discounted cash flow	Discount rate	3.2%-30.1%	7.5%
Briedt private debt		1,260	Net asset value provided			-
		1,200	by investment manager			
Asset-backed securities	2,617	727	Comparable pricing	Price 8	31.7%-105.0%	99.1%
Fund investments	205	4,705	Net asset value provided	_	-	-
	200	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	by investment manager			
Absolute return strategies			by investment manager			
Fund investments	971	12,772	Net asset value provided	_	_	_
	0,12	,	by investment manager			
Infrastructure			sy mestment manager			
Direct	7,905	32,389	Discounted cash flow	Discount rate	7.0%-14.1%	8.3%
Fund investments		29	Net asset value provided	-	-	-
i unu mestinentis		23	by investment manager			
Real estate			by investment manager			
Direct	7,956	5,608	Discounted cash flow	Discount rate	5.3%-14.3%	6.7%
Billet	7,550	3,000	Discounced cash now	Terminal	3.8%-11.5%	5.6%
				capitalization rate	0.070 11.070	5.670
	1,436	21,013	Net asset value provided			_
	1,100	21,010	by investment partner			
Fund investments	65	2,595	Net asset value provided			_
r una investments	00	2,333	by investment manager			
Sustainable energies			sy intestitent manager			
Direct	2,984	16,433	Discounted cash flow	Discount rate	7.1%-32.9%	10.4%
Investment receivables	2,004	10,433	Discounced cush now	Discountrate	170 32.370	10.470
Derivative assets	_	157	Option model		_	_
Other	_		Cost with accrued interest		_	_
Investment liabilities		-55	cost with accided intelest			
Other		(E)	Cost with accrued interest			
Pending trades net		(3) (315)				
receivable/(payable)		(212)	Amortizeu cost			
icceivable/ (payable)						

(Unaudited)

				As at March 31, 2021 <sup>3</sup>		
	Fair value o	finvestments	Primary valuation		Range of input	
	he	ld by:	techniques used <sup>1</sup>	unobservable inputs	values <sup>2</sup>	average <sup>2</sup>
		Investment				
	CPP	holding				
(CAD millions)	Investments	subsidiaries				
Cash and cash equivalents	\$-	\$ 788	Cost with accrued interest	-	-	-
Public equities						
Direct	-	9,635	Quoted market price	-	-	-
Fund investments	45	6,519	Net asset value provided	-	-	-
			by investment manager			
Private equities						
Direct	8,437	55,514	Earnings multiples of	EBITDA multiple	9.0X-64.3X	25.5X
			comparable companies			
			Discounted cash flow	Discount rate	8.0%-16.3%	11.5%
	14	14,166	Net asset value provided	-	-	-
			by investment manager			
Fund investments	147	60,994	Net asset value provided	-	-	-
			by investment manager			
Bonds	-	3,795	Quoted market prices or	-	-	-
			discounted cash flows			
			using observable inputs			
Other debt						
Direct private debt	137	18,744	Discounted cash flow	Discount rate	3.7%-30.0%	7.6%
	-	1,420	Net asset value provided	-	-	-
			by investment manager			
Asset-backed securities	2,550	693	Comparable pricing	Price	81.4%-109.2%	99.3%
Fund investments	22	4,264	Net asset value provided	-	-	-
			by investment manager			
Absolute return strategies						
Fund investments	1,012	12,262	Net asset value provided	-	-	-
			by investment manager			
Infrastructure				<b>-</b>		
Direct	8,037	31,891	Discounted cash flow	Discount rate	7.2%-14.1%	8.3%
Fund investments	-	26	Net asset value provided	-	-	-
De el estate			by investment manager			
Real estate	0.000	5 500		D'and a landa	F 20/ 4 4 20/	C 70/
Direct	8,286	5,500	Discounted cash flow	Discount rate	5.3%-14.3%	6.7%
				Terminal	3.8%-11.0%	5.5%
	1 205	20.461	Not accet value provided	capitalization rate		
	1,205	20,461	Net asset value provided	-	-	-
Funding other ants	CE	2 5 6 1	by investment partner			
Fund investments	65	2,561	Net asset value provided by investment manager	-	-	-
Sustainable energies			by investment manager			
Sustainable energies Direct	2 007	16,258	Discounted cash flow	Discount rate	7.1%-32.9%	10.4%
Investment receivables	2,887	10,258	Discounted cash now	Discount rate	7.1%-52.9%	10.4%
Derivative assets	_	121	Option model	-	_	_
Other	_		Cost with accrued interest	-	_	_
Investment liabilities	_	-95		-	_	_
Derivative liabilities		(2)	Discounted cash flow			
Other	-	• •	Cost with accrued interest	-	-	-
Pending trades net	-	(395)		-	-	-
receivable/(payable)		(333)	, , , , , , , , , , , , , , , , , , , ,			
Total	\$ 32,844	\$ 265,706				

<sup>1</sup> May include certain recently acquired investments held at cost, which approximates fair value.

<sup>2</sup> 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.

<sup>3</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

## 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 \$7,500 million (March 31, 2021 - \$9,000 million) or an increase of \$7,900 million (March 31, 2021 - \$9,500 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.

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## 3. Derivatives

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

	As at	June 30, 2021	As at Ma	arch 31, 2021
	Positive	Negative	Positive	Negative
(CAD millions)	fair value	fair value	fair value	fair value
Equity contracts				
Futures	\$ 10	\$ -	\$-	\$-
Swaps	1,543	(1,696)	2,231	(2,267)
Options:				
Exchange-traded – purchased	-		-	-
Exchange-traded – written	-		-	-
Over-the-counter – purchased	1		1	-
Over-the-counter – written	-	(61)	-	(85)
Warrants	157	-	121	-
Total equity contracts	1,711	(1,757)	2,353	(2,352)
Foreign exchange contracts				
Forwards	410	(254)	406	(370)
Options:				
Over-the-counter – purchased	60	-	50	-
Over-the-counter – written	-	(62)		(45)
Total foreign exchange contracts	470	(316)	456	(415)
Interest rate contracts				
Futures	-	-		-
Forwards	-	-	-	-
Swaps	722	(11)	763	(53)
Options:				
Over-the-counter – purchased	64	-	29	-
Over-the-counter – written	-	(103)	-	(109)
Total interest rate contracts	786	(114)	792	(162)
Credit contracts				
Credit default swaps:				
Over-the-counter – purchased	2	(7)	2	(11)
Over-the-counter – written	56	(2)	32	(5)
Options:				
Over-the-counter – purchased	1	-	1	-
Over-the-counter – written	-	(12)		(14)
Total credit contracts	59	(21)	35	(30)
Commodity contracts				
Futures	-	-	-	-
Options:				
Exchange-traded – purchased	-	-	-	-
Exchange-traded – written	-	(56)	-	(45)
Total commodity contracts	-	(56)		(45)
Total <sup>1</sup>	\$ 3,026	\$ (2,264)	\$ 3,636	\$ (3,004)

<sup>1</sup> Includes \$157 million (March 31, 2021 - \$121 million) relating to warrants and nil (March 31, 2021 - \$2 million) relating to interest rate derivative liabilities transacted by investment holding subsidiaries.

#### 4. Investment income

## 4.1 Investment income by nature

	Fo	or the three mo	nths	ended
(CAD millions)		June 30, 2021		June 30, 2020
Interest, dividends, and other investment income	\$	2,312	\$	1,423
Realized gains (losses) on private equities and real assets		684		(80)
Unrealized gains (losses) on private equities and real assets		34		(575)
Unrealized gains on investment holding subsidiaries (note 4.2)		8,321		6,409
Realized and unrealized gains on public and other investments <sup>1</sup>		7,037		16,718
Total investment income	\$	18,388	\$	23,895

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

### 4.2 Supplemental information on investment income

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

	For	the three mo	nths (	ended
(CAD millions)	J	une 30, 2021		June 30, 2020
Interest, dividends, and other investment income	\$	1,558	\$	805
Realized gains on private equities and real assets		2,647		944
Unrealized gains on private equities and real assets		3,437		1,158
Realized and unrealized gains on public and other investments <sup>1</sup>		1,846		3,756
Dividends paid to CPP Investments		(815)		-
Investment-related expenses (note 5.2)		(352)		(254)
Unrealized gains on investment holding subsidiaries	\$	8,321	\$	6,409

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

### 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	month	s ended
(CAD millions)	June 30, 2021		June 30, 2020
Borrowing costs <sup>1</sup>	\$ (28)	\$	303
Investment management fees	214		273
Transaction costs	41		66
Total	\$ 227	\$	642

<sup>1</sup> Borrowing costs includes the unrealized and realized gains/losses from natural interest rate hedges, in addition to the costs associated with borrowing instruments.

## 5.2 Supplemental information on investment-related expenses

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

	For the three m	onths	ended
(CAD millions)	June 30, 2021		June 30, 2020
Investment management fees	\$ 327	\$	235
Transaction costs	25		19
Total	\$ 352	\$	254

## 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 thre	e months e	ended June 30	, 2021			
	Total Fund	Capital Markets and Factor	Active	Credit		Re		
(CAD millions)	Management	Investing	Equities	Investments	Equity	Asse	ts Adjustment <sup>®</sup>	5 Total
Investment income (loss)	\$ 9,195	\$ 1,039	\$ (423)	\$ 886	\$ 5,932	\$ 2,16	0 \$ (401)	\$ 18,388
Investment-related								
expenses <sup>1,2</sup>	(32)	(370)	(26)	(20)	(134)	(4	6) 401	(227)
Net investment income								
(loss)	9,163	669	(449)	866	5,798	2,11	4 -	18,161
Operating expenses	(52)	(53)	(69)	(45)	(77)	(9	0) -	(386)
Net income (loss) from								
operations	\$ 9,111	\$ 616	\$ (518)	\$ 821	\$ 5,721	\$ 2,02	4\$-	\$ 17,775

		For the three	monthsend	ed June 30, 2	020			
		Capital						
	Total	Markets						
	Fund	and Factor	Active	Credit	Private	Real		
(CAD millions)	Management	Investing	Equities In	vestments	Equity	Assets Adju	stment <sup>3</sup>	Total
Investment income (loss)	\$ 16,077	\$ 2,025	\$ 1,148 \$	1,675 \$	3,399 \$	(93) \$	(336)	\$ 23,895
Investment-related								
expenses <sup>1, 2</sup>	(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

<sup>1</sup> Costs of \$21 million (June 30, 2020 - \$385 million) attributable to Total Fund Management represent borrowing costs as described in note 5 of \$(28) million (June 30, 2020 - \$303 million), as well as the leverage-generating elements of additional derivative transactions of \$49 million (June 30, 2020 - \$82 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.

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

<sup>3</sup> 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.

## 6.2 Net assets (liabilities) by investment segment

				Ne	t assets (lia	abilit	ies)				
(CAD millions)	Ma	Total Fund magement <sup>1</sup>	Capi Mark and Fac Invest	ets tor	Active Equities	In	Credit vestments	Private Equity	R	eal Assets	Total
As at: June 30, 2021	Ś	237,302	\$ 1,8	71 \$	(339)	\$	44,696	\$ 129,185	\$	106,934	\$ 519,649
March 31, 2021		222,260	2,2	18	(569)		43,761	125,140		104,377	497,187

<sup>1</sup> Net assets attributable to Total Fund Management include net corporate assets of \$291 million (March 31, 2021 – net corporate liabilities of \$79 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 <sup>1</sup>													
							(e	Europe excluding						
(CAD millions)		Canada		U.S.		Asia		U.K.)		U.K.		Other		Total
As at:														
June 30, 2021	\$	86,472	\$	186,371	\$	124,293	\$	56,480	\$	25,342	\$	40,400	\$	519,358
March 31, 2021		78,283		183,551		119,292		53,614		23,623		38,903		497,266

<sup>1</sup> Includes debt financing liabilities of \$3,666 million, \$17,184 million, \$11,913 million, \$5,584 million and \$1,334 million (March 31, 2021 -\$3,604 million, \$16,108 million, \$12,071 million, \$4,272 million, and \$394 million), based on the currencies of the issuances, in Canada, the U.S., Europe (excluding the U.K.), the U.K., and other, respectively.

## 7. Risk management

CPP Investments manages and mitigates investment risks in accordance with the Integrated Risk Policy (Policy), which became effective on April 1, 2021 and incorporates key elements of the previous Integrated Risk Framework and Investment Risk Management Policy. The Policy establishes accountability of the Board of Directors, the various committees, including the Risk Committee, and the investment departments to manage investment-related risks. The Policy is approved by the Board of Directors at least once every fiscal year, and contains risk limits and risk management provisions that govern investment decisions in accordance with the mandate of CPP Investments.

### 7.1 Total fund 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. The new Policy, which is effective April 1, 2021, includes the addition of new limits around portfolio composition, and the removal of certain limits at a Board level to reduce redundancy. The target level of market risk of the base CPP Investment Portfolio has not changed, while that of the additional CPP Investment Portfolio has an increased equity/debt risk equivalence ratio of 55%/45%.

(Unaudited)

Plan adjustment risk is a central concept in CPP Investments' portfolio design and risk governance activities. It is defined as the probability of a material adjustment to the Minimum Contribution Rate applicable to CPP contributors, based solely on investment return performance over various time horizons. It is an overarching measure that is impacted by market, credit, liquidity and leverage risk.

Other key investment risk governance measures include:

- Market risk: 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.
- Potential investment losses: The reported loss of the Investment Portfolios over a one- year horizon is not expected to exceed the established limit of fund value for that horizon 19 times out of 20. The potential loss of the Investment Portfolios over a five-year horizon is also measured and monitored by Management. Both are based on the value-at-risk measure at a 95 percent confidence level. Effective April 1, 2021, the one-year potential loss risk limit is now expressed as a percentage of the Investment Portfolios rather than an absolute dollar value.
- Active risk: The potential underperformance arising from differences between the compositions of each Investment Portfolio and an internally developed comparator portfolio. This is a new measure that was introduced as part of the Policy that became effective April 1, 2021.
- Liquidity and leverage risk measures, which are further described in note 10.

The monitoring of adherence to investment risk limits is conducted independent of the investment departments by the Risk group using both industry standards and internally developed risk models. The tables below provide a summary of the key investment risk governance measures of the Investment Portfolios.

			June 30,	As at 2021	March 31, 2	As at 021 <sup>4</sup>
	Lir	nit	base	CPP	base	CPP
Plan adjustment risk <sup>1</sup>	n/a		30	%	23	%
Market risk	80 - 90	%	85	%	85	%
Potential investment loss:						
One-year horizon <sup>2</sup>	20	%	18	%	18	%
Five-year horizon <sup>1, 2</sup>	n/a		20	%	20	%
Active risk <sup>3</sup>	450 bps		372	bps	n/a	

				As at		As at
			June 30,	2021	March 31, 2	0214
	Lir	nit	additiona	<b>CPP</b>	additiona	I CPP
Plan adjustment risk <sup>1</sup>	n/a		25	%	25	%
Market risk	50 - 60	%	55	%	54	%
Potential investment loss:						
One-year horizon <sup>2</sup>	14	%	13	%	12	%
Five-year horizon <sup>1, 2</sup>	n/a		15	%	15	%
Active risk <sup>3</sup>	450 bps		333	bps	n/a	

<sup>1</sup> Measure is no longer a Board limit in the Policy, effective April 1, 2021, but continues to be a key consideration in determining the risk targets and limits.

<sup>2</sup> Percentage of investment value.

<sup>3</sup> Represented in basis points (bps).

<sup>4</sup> Certain comparatives have been recast to conform to the current period's presentation.

(Unaudited)

## 8. Market risk

Market risk is the risk that the fair value of an investment or investment liability will fluctuate because of changes in market prices and rates. Market risk includes equity risk, interest rate risk, credit spread risk and currency risk.

## 8.1. Equity risk

Equity risk is the risk that the fair value of an investment or investment liability will fluctuate because of changes in equity prices, which 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 of an investment or investment 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. Credit spread risk

Credit 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. Credit spread risk is the risk that the fair value of these securities will fluctuate because of changes in credit spread. With all other variables held constant, an increase in credit 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 foreign 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, 2	2021		As	at March 31,	2021	
		Net	% of			Net	% of	
Currency		exposure	total1			exposure	total <sup>1</sup>	
United States dollar	\$	288,013	55	%	\$	280,198	56	%
Euro		34,614	7			31,580	6	
Chinese renminbi		24,150	5			23,391	5	
British pound sterling		17,635	3			16,238	3	
Hong Kong dollar		14,233	3			14,596	3	
Australian dollar		13,130	3			13,829	3	
Indian rupee		10,351	2			10,340	2	
Japanese yen		7,544	1			6,407	1	
Brazilian real		6,630	1			5,439	1	
Mexican peso		4,600	1			4,325	1	
Swiss Franc		3,926	1			3,546	1	
Korean won		3,265	1			3,453	1	
Other		12,415	2			11,701	2	
Total foreign exposure		440,506	85			425,043	85	
Canadian dollar		78,852	15			72,223	15	
Total	\$	519,358	100	%	\$	497,266	100	%

<sup>1</sup> May not reflect actual percentage of total due to rounding.

#### 9. Credit risk

Credit risk represents the potential permanent loss of investment value due to direct or indirect counterparty exposure to a defaulted entity and/or financial losses due to deterioration of an entity's credit quality. The Investment Portfolios' credit risk arises primarily through its investments in non-investment grade entities. 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

In addition to incorporating credit risk within the potential investment loss measures as described in note 7.1, a standalone measure for losses due to defaults and credit rating migration is also monitored. A Monte Carlo simulation that incorporates likelihood of default, credit rating migration and recovery in the event of default for underlying investments is adopted to quantify this dimension of risk. Credit value-atrisk, at a 95% confidence level, implies there is a 5% chance that the underlying investments in the Investment Portfolios will lose more than the amounts shown below, expressed as a percentage of each Investment Portfolio, in any given year due to default and credit migration risk.

		As at June 30, 2021	A	s at March 31, 2021 <sup>1</sup>
	base CPP	additional CPP	base CPP	additional CPP
Credit value-at-risk	3.6 %	2.4 %	3.4 %	2.2 %

<sup>1</sup> Certain comparatives have been recast to conform to the current period's presentation.

## 10. Liquidity and leverage risk

### **10.1 Liquidity risk**

Liquidity risk is the risk of failing to obtain the necessary funds to meet CPP Investments' payment obligations as they become due, to fund investment programs, or to rebalance its portfolios in periods of stress, without incurring unacceptable losses. The liquidity coverage ratio measures the amount of available liquid securities relative to CPP Investments' investment obligations and obligations to transfer funds to CPP over various time horizons including any 10-day period.

	Limit	As at June 30, 2021	As at March 31, 2021
Liquidity coverage ratio	1.0x	7.1x	6.2x

Liquidity risk is impacted by 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 as outlined in note 10.2.

CPP Investments also maintains unsecured credit facilities to meet potential liquidity requirements. There were no credit facilities drawn as at June 30, 2021 and March 31, 2021.

(CAD millions)	As at Ju	ine 30, 2021	As at March 31, 2021		
Unsecured credit facilities held	\$	3,000	\$	3,000	

#### **10.2 Leverage risk**

Leverage risk is the risk that excessive on- and off-balance sheet financial obligations heighten market and liquidity risks during periods of stress. 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 of recourse leverage which represents the net amount of on-balance sheet and off-balance sheet financing used by CPP Investments to increase investment exposure.
- 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, 2021	As at March 31, 2021
Total financing liabilities	17.7	<b>6</b> 17.8 %
Risk weighted liabilities	10.9	<b>6</b> 10.5 %

For the three months ended June 30, 2021, the associated financing costs on total financing liabilities were \$21 million (three months ended June 30, 2020 - \$385 million). These financing costs are higher than the borrowing costs disclosed in note 5.1 due to the inclusion of certain elements of derivative transactions which are utilized to provide additional sources of leverage to CPP Investments.

In addition, CPP Investments seeks to maintain its issuer credit rating of "AAA" and maintains leverage ratios that are consistent with this rating.

#### 10.3 Terms to maturity

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

			Terms	to maturity				
				As at March	31, 2021			
(CAD millions)	Within 1 year			Over 10 years	Total <sup>2</sup>	Average effective yield	Total <sup>2</sup>	Average effective yield
Non-marketable bonds								
Canadian provincial								
government	\$ 1,257	\$ 5,285	\$ 1,221	\$ 12,811	\$ 20,574	2.3 %	\$ 20,561	2.6 %
Marketable bonds								
Government of Canada		2,913	1,367	1,014	5,294	1.3	6,337	1.1
Canadian provincial								
government	363	1,349	2,480	3,389	7,581	2.3	7,370	2.5
Canadian government								
corporations		1,847	417	335	2,599	1.6	2,584	1.6
Foreign government	318	19,395	11,659	20,117	51,489	1.9	45,736	2.1
Corporate bonds	440	5,215	5,356	4,309	15,320	2.4	12,177	2.6
Other debt								
Private debt <sup>1</sup>	194	25		-	219	-	137	-
Asset-backed securities	12	51	706	1,848	2,617	1.7	2,550	1.8
Securities purchased under								
reverse repurchase								
agreements	12,896	-	-	-	12,896	(0.2)	6,062	0.2
Cash collateral pledged on								
securities borrowed	1,092	-	-	-	1,092	n/a	1,065	n/a
Total	\$ 16,572	\$ 36,080	\$ 23,206	\$ 43,823	\$ 119,681	n/a	\$ 104,579	n/a

<sup>1</sup> Includes direct investments that are preferred shares classified as debt. Excludes fund investments.

<sup>2</sup> Represents fair value.

## 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 t	o n	naturity				
				As at Ju	ne	30, 2021			As at Marcl	h 31, 2021
(CAD millions)		Within 1 to 5 1 year years		6 to 10 years		Over 10 years	Total <sup>2</sup>	Average effective vield	Total <sup>2</sup>	Average effective yield
Marketable bonds		I year	years	years		years	Total	yiciu	Total	yiciu
Corporate bonds	\$	- \$	882	\$ 3,091	\$	45	\$ 4,018	4.6 %	\$ 3,795	4.8 %
Other debt										
Private debt <sup>1</sup>		816	8,606	7,977		90	17,489	5.8	17,182	6.1
Asset-backed securities		-	66	234		427	727	3.8	693	3.4
Total	\$	816 \$	9,554	\$ 11,302	\$	562	\$ 22,234	n/a	\$ 21,670	n/a

<sup>1</sup> Includes direct investments that are preferred shares classified as debt. Excludes fund investments.

<sup>2</sup> Represents fair value.

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

			Те	rms to ma	aturity					
			As	at June 3	0, 2021			As at	March 31	,2021
(CAD millions)	Within 1 year	1 to 5 years	6 to 10 years	Over 10 years	Total <sup>3</sup>	Fair Value	Weighted average terest rate	Total <sup>3</sup>	Fair value	Weighted average interest rate
Securities sold under repurchase agreements Cash collateral received on securities lent	\$33,479	\$ -	\$ - \$	) - (	\$ 33,479 \$ 2,877	33,478	- % n/a	\$ 30,502 2.661	\$ 30,489 2,661	0.1 % n/a
Securities sold short <sup>1,2</sup> Debt financing liabilities	25,900	-	-	-	25,900	25,900	n/a	22,275	22,275	n/a
Term debt Short-term secured	6,973	14,348	12,549	4,870	38,740	39,681	0.8	35,623	36,449	0.8
debt Total	1,208 \$70,437	- \$14,348	- \$12,549 \$	- 4,870 (	1,208 \$L02,204 \$	1,208 103,144	0.2 n/a	1,234 \$ 92,295	1,234 \$ 93,108	0.2 n/a

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

<sup>2</sup> Includes equities sold short for which the average interest rate is not applicable.

<sup>3</sup> Represents contractual amounts.

## 11. Reconciliation of debt financing liabilities

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

	For the three months ended June 30, 2021												
		As at				No	n-cash Changes		As at				
(CAD millions)	Ар	ril 1, 2021		Proceeds	Repayments		in fair value <sup>1</sup>		June 30, 2021				
Debt financing liabilities	\$	36,449	\$	3,581	\$ -	\$	(349)	\$	39,681				

For the three months ended June 30, 2020											
		As at					No	n-cash Changes		As at	
(CAD millions)	Ар	ril 1, 2020	F	Proceeds		Repayments		in fair value <sup>1</sup>		June 30, 2020	
Debt financing liabilities	\$	38 <i>,</i> 395	\$	6,422	\$	(4,155)	\$	(960)	\$	39,702	

<sup>1</sup> Includes for eign exchange gains of \$404 million (June 30, 2020 - losses of \$1,329 million).

## 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, 2021	March 31, 2021
Third-party assets held as collateral on <sup>1</sup> :		
Reverse repurchase agreements	\$ 12,914	\$ 6,056
Derivative transactions	949	2,049
Securities lent <sup>2,4</sup>	4,989	3,292
Own and third-party assets pledged as collateral on:		
Repurchase agreements	(33,548)	(30,457)
Securities borrowed <sup>3,4</sup>	(29,209)	(25,027)
Short-term secured debt <sup>5</sup>	(1,479)	(1,502)
Derivative transactions	(2,903)	(3 <i>,</i> 545)
Total	\$ (48,287)	\$ (49,134)

<sup>1</sup> The fair value of the collateral that may be sold or repledged as at June 30, 2021 was \$15,026 million (March 31, 2021 - \$6,781 million). The fair value of collateral sold or repledged as at June 30, 2021 was \$3,878 million (March 31, 2021 - \$3,148 million).

<sup>2</sup> The fair value of securities lent as at June 30, 2021 was \$4,834 million (March 31, 2021 - \$3,252 million).

<sup>3</sup> The fair value of securities borrowed as at June 30, 2021 was \$23,139 million (March 31, 2021 - \$20,670 million) of which \$22,919 million (March 31, 2021 - \$20,091 million) was used for short selling activity.

<sup>4</sup> Cash collateral payable on the balance sheet of \$2,877 million (March 31, 2021 - \$2,661 million) consists of collateral receivable of nil and collateral payable of \$2,877 million that qualify for netting (March 31, 2021 - nil and \$2,661 million, respectively).

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

## **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:

(CAD millions)		As at		As at
		June 30, 2021		March 31, 2021
Own and third-party assets pledged as collateral on:				
Securities borrowed <sup>1,2</sup>	Ş	(5,468)	Ş	(4,752)
Derivative transactions <sup>2</sup>		(399)		(347)
Loans <sup>3</sup>		(18,259)		(17,357)
Total	\$	(24,126)	\$	(22,456)

<sup>1</sup> The fair value of securities borrowed as at June 30, 2021 was \$3,429 million (March 31, 2021 - \$2,976 million) of which \$3,429 million (March 31, 2021 - \$2,976 million) was sold for short selling activity.

<sup>2</sup> The cash collateral at the prime brokers may be used for securities borrowed and derivatives transacted by broker.

<sup>3</sup> 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, 2021, the unfunded commitments for CPP Investments and its investment holding subsidiaries totalled \$3,157 million (March 31, 2021 - \$1,057 million) and \$45,693 million (March 31, 2021 - \$44,244 million), respectively.

## 14. Guarantees

As part of certain investment transactions, CPP Investments and its investment holding subsidiaries agreed to guarantee, as at June 30, 2021, up to \$707 million (March 31, 2021 - \$505 million) and \$6,290 million (March 31, 2021 - \$6,128 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 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:

	For the three months ended												
	Accumulat	ed r	net transfers	s fro	om CPP			Accu	umulated ne	t ind	come		
			additional				base		additional				Total net
(CAD millions)	base CPP		СРР		Total		СРР		СРР		Total		assets
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
As at April 1, 2021	\$ 147,665	\$	5,857	\$	153,522	\$	343,242	\$	423	\$	343,665	\$	497,187
Total net income for													
the period			-				17,549		226		17,775		17,775
Transfers from CPP	13,205		1,587		14,792		-		-		-		14,792
Transfers to CPP	(10,105)		-		(10,105)				-		-		(10,105)
Balance as at													
June 30, 2021	\$ 150,765	\$	7,444	\$	158,209	\$	360,791	\$	649	\$	361,440	\$	519,649

## 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:

		base	additional		
(CAD millions)		СРР	СРР		Total
Cash and cash equivalents held for investment purposes	\$	10,689	\$ 49	\$	10,738
Net investments other than cash and cash equivalents		500,586	8,034		508,620
Net investments		511,275	8,083		519,358
Premises and equipment		444	12		456
Other assets <sup>1</sup>		360	4		364
Accounts payable and accrued liabilities		(523)	(6)		(529)
Net assets	\$	511,556	\$ 8,093	\$	519,649

		As at March 31, 2021   base additional   CPP CPP   13,650 \$ 94 \$   477,344 6,178 \$ \$				
	base		additional			
(CAD millions)	CPP		CPP		Total	
Cash and cash equivalents held for investment purposes	\$ 13,650	\$	94	\$	13,744	
Net investments other than cash and cash equivalents	477,344		6,178		483,522	
Net investments	490,994		6,272		497,266	
Premises and equipment	448		11		459	
Other assets <sup>1</sup>	307		4		311	
Accounts payable and accrued liabilities	(842)		(7)		(849)	
Net assets	\$ 490,907	\$	6,280	\$	497,187	

<sup>1</sup> 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, 2021								
		base		additional					
(CAD millions)		СРР		СРР		Total <sup>1</sup>			
Cash and cash equivalents	\$	12,078	\$	64	\$	12,142			
Equities									
Public equities		183,821		1,913		185,734			
Private equities		141,329		1,471		142,800			
Total equities		325,150		3,384		328,534			
Fixed income									
Bonds		102,989		3,886		106,875			
Other debt		29,387		306		29,693			
Money market securities		476		4		480			
Total fixed income		132,852		4,196		137,048			
Absolute return strategies		29,367		306		29,673			
Real assets									
Infrastructure		39,907		416		40,323			
Real estate		38,275		398		38,673			
Sustainable energies		19,217		200		19,417			
Total real assets		97,399		1,014		98,413			
Investment receivables									
Securities purchased under reverse repurchase agreements									
and cash collateral pledged on securities borrowed		13,844		144		13,988			
Derivative assets		2,995		31		3,026			
Other		2,760		38		2,798			
Total investment receivables		19,599		213		19,812			
Total investments	\$	616,445	\$	9,177	\$	625,622			
Investment liabilities									
Debt financing liabilities		(39,272)		(409)		(39,681)			
Securities sold under repurchase agreements and cash									
collateral received on securities lent		(35,981)		(374)		(36,355			
Securities sold short		(25,633)		(267)		(25,900			
Derivative liabilities		(2,241)		(23)		(2,264)			
Short-term secured debt		(1,195)		(13)		(1,208)			
Other		(992)	1	(10)		(1,002)			
Total investment liabilities		(105,314)		(1,096)		(106,410)			
Pending trades receivable		4,113		43		4,156			
Pending trades payable		(3,969)		(41)		(4,010			
Net investments	\$	511,275	\$	8,083	\$	519,358			

(Unaudited)

	As at March 31, 2021								
		base		additional					
(CAD millions)		CPP		СРР		Total <sup>1,2</sup>			
Cash and cash equivalents	\$	14,432	\$	100	\$	14,532			
Equities									
Public equities		173,682		1,401		175,083			
Private equities		138,328		1,116		139,444			
Total equities		312,010		2,517		314,527			
Fixed income									
Bonds		95,474		3,086		98,560			
Other debt		28,649		230		28,879			
Money market securities		142		1		143			
Total fixed income		124,265		3,317		127,582			
Absolute return strategies		28,776		232		29,008			
Real assets									
Infrastructure		39,634		320		39,954			
Real estate		37,774		304		38,078			
Sustainable energies		18,992		153		19,145			
Total real assets		96,400		777		97,177			
Investment receivables									
Securities purchased under reverse repurchase agreements									
and cash collateral pledged on securities borrowed		7,070		57		7,127			
Derivative assets		3,607		29		3,636			
Other		2,729		35		2,764			
Total investment receivables		13,406		121		13,527			
Total investments	\$	589,289	\$	7,064	\$	596,353			
Investment liabilities									
Debt financing liabilities		(36,157)		(292)		(36,449)			
Securities sold under repurchase agreements and cash									
collateral received on securities lent		(32,885)		(265)		(33,150)			
Securities sold short		(22,097)		(178)		(22,275)			
Derivative liabilities		(2,980)		(24)		(3,004			
Short-term secured debt		(1,224)		(10)		(1,234)			
Other		(2,036)		(16)		(2,052)			
Total investment liabilities		(97,379)		(785)		(98,164)			
Pending trades receivable		3,052		25		3,077			
Pending trades payable		(3,968)		(32)		(4,000)			
Net investments	\$	490,994	\$	6,272	\$	497,266			

<sup>1</sup> Presented using the same basis as the Condensed Interim Consolidated Schedule of Investment Portfolio, which is different from that of the Condensed Interim Consolidated Balance Sheet. Refer to the Consolidated Schedule of Investment Portfolio for further details.

<sup>2</sup> Certain comparatives have been reclassified to conform to the current period's presentation.

## 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, 2021								
(CAD millions)	base CPP	additional CPP	additional CPP						
Investment income	\$ 18,156	\$	232	\$	18,388				
Investment-related expenses	(225)		(2)		(227)				
Net investment income	17,931		230		18,161				
Operating expenses	(382)		(4)		(386)				
Net income	\$ 17,549	\$	226	\$	17,775				

	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						