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## City of Aurora

Investment management quarterly report June 2021



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# Insight

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## Q2 2021 summary

- Vaccines and fiscal stimulus should turbo charge growth: Markets continued their optimistic tone in the second quarter of 2021, with the vaccine rollout making solid progress and a larger than expected fiscal stimulus causing a significant upgrade to US growth forecasts.
- Surge in inflation raises taper talk: Headline CPI accelerated to 5% year-on-year in May, the fastest since 2008. This led to speculation that the Fed would start to taper their bond purchase program in the coming months. We believe this uptick in inflation will prove transitory and will gradually dissipate in the months ahead.
- The yield curve flattened amid the search for yield: Longer maturity Treasury securities significantly outperformed as pensions and foreigners added to US fixed income. The median forecast of US FOMC members suggests a more hawkish stance than in Q1, with a median expectation that interest rates will be raised twice in 2023. Previously the first hike was not expected until 2024. The 2-year maturity Treasury yield rose by 10bp to 0.25%, the 10-year maturity Treasury yield fell by 37bp to 1.46% and the 30-year maturity Treasury yield declined by 38bp to 2.1%.
- Credit spreads rallied towards pre-crisis levels: Credit spreads tightened in Q2, with aggregate US corporate spreads ending the quarter 11bp tighter. The intermediate area of the credit curve outperformed, tightening by 12bp. BBB-rated issues and high yield generally outperformed given the positive economic outlook.
- The S&P 500 Index made substantial gains: US equity markets experienced a strong quarter, buoyed by upward revisions to growth forecasts, high cash balances, and extremely strong earnings growth in Q1.

#### Risks include:

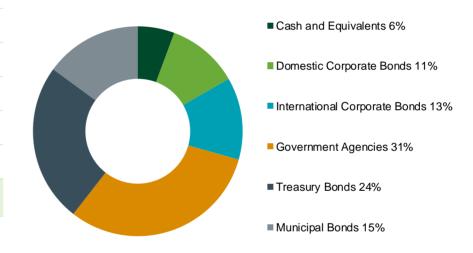
- Pressure to increase corporate leverage in a world of ultra low yields could lead to credit downgrades
- Valuations may have already priced in all of the good news
- Inflation sustaining above the Fed's target beyond next year



## Portfolio structure and composition

#### **Asset allocation**

Investment Type	Par Value	Final Maturity	Allocation
Cash and Equivalents	39,620,379	1	6%
Cush and Equivalents	00,020,070	<u>'</u>	070
Domestic Corporate Bonds	77,154,000	739	11%
International Corporate Bonds	88,696,000	400	13%
Government Agencies	221,984,000	893	31%
Treasury Bonds	171,500,000	648	24%
Treasury Bonas	171,000,000	040	2470
Municipal Bonds	104,585,000	692	15%
Total	703,539,379	674	100.0%



As of June 30, 2021. Asset allocations are subject to change without notice, may not represent current or future decisions and should not be construed as investment recommendations. Please refer to the important disclosures at the back of this presentation.

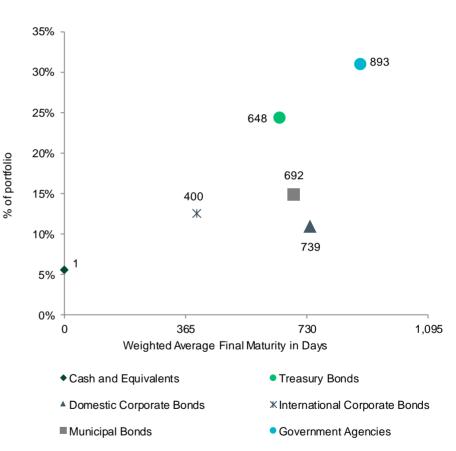


## Portfolio structure and composition

#### **Maturity distribution**

#### 35% 30% 25% % of portfolio 20% 15% 10% 5% Under 3 3-6 6 months 1-2 2-3 3-4 4-5 Over 5 months months to 1 year years years years years years

#### **Maturity allocation map**



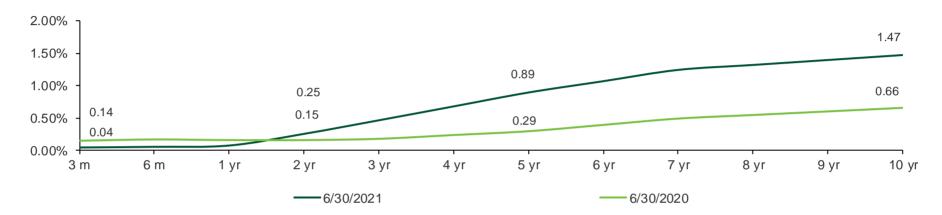
As of June 30, 2021. Maturity allocations are subject to change without notice, may not represent current or future decisions and should not be construed as investment recommendations. Please refer to the important disclosures at the back of this presentation.



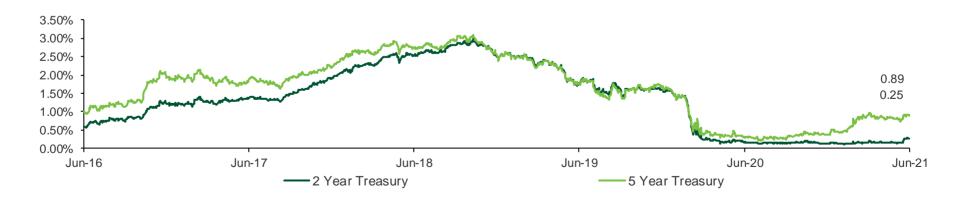
#### US economic indicators



#### **Comparative historical yield curves**



#### Two-year and five-year Treasury yields

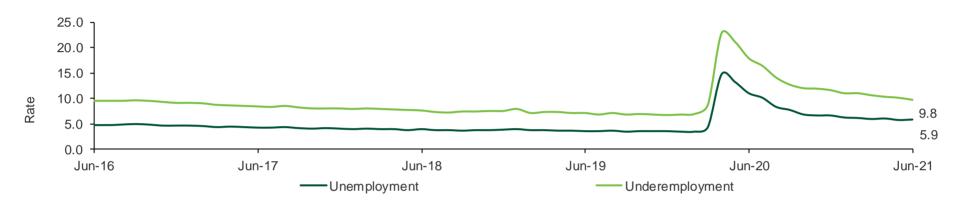


Source: Bloomberg LP, June 30, 2021.

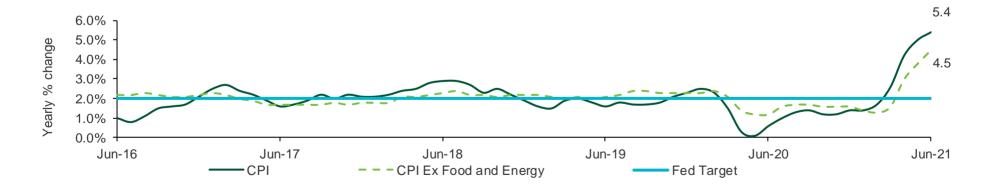
#### US economic indicators



#### **Unemployment and underemployment**



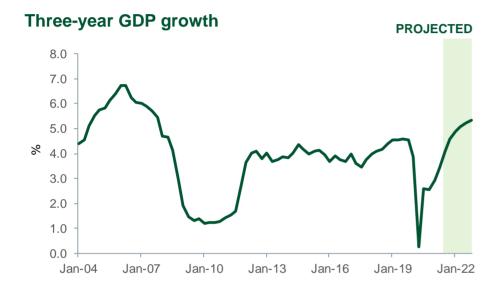
#### **Consumer price index (CPI)**



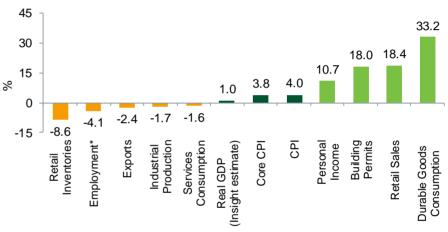
Source: Bloomberg LP . June 30, 2021.



## This recovery is fundamentally different from the last cycle



#### The recovery has been 'uneven'



Change from end-2019 to end-May 2021

- The US economy is materially accelerating:
  - Aggressive fiscal stimulus and the lack of structural imbalances are enabling a much sharper recovery than after the financial crisis
  - Even with the COVID-19 recession, we expect 2020-2022 growth will be faster than any previous three-year period since 2006

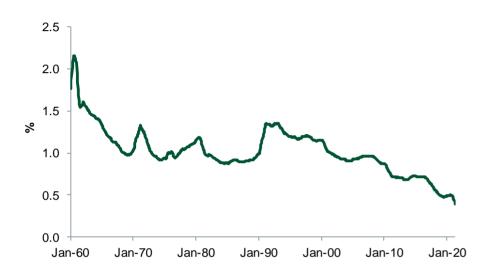
- Still, the recovery is 'uneven':
  - Housing (e.g., building permits) and durable goods consumption have enjoyed significant growth as consumers shift spending away from services
  - International trade (e.g., exports) and inventories remain strained, though their drag on growth should be peaking

Source: (LHS) US Bureau of Economic Analysis, Insight, as of June 30, 2021; (RHS) St. Louis Federal Reserve, as of May 31, 2021. \* As of June 30, 2021.



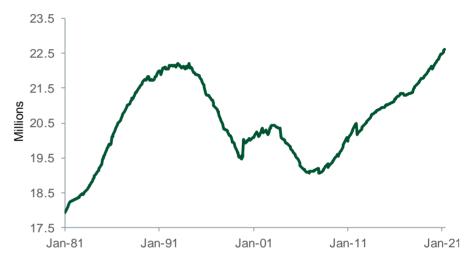
## US demographics: A secular headwind but cyclical tailwind

#### **Population YoY growth**



- Slowing US population growth is a sustained headwind:
  - COVID-19 exacerbated our demographic challenges given the combination of elevated deaths, lower immigration, and a drop in births
  - As temporary cyclical factors fade, the disinflationary power of an aging population will likely reassert itself

#### 30-34-year-old population



- The echo boomers (i.e., millennials) are coming of age:
  - While the total US population slows, the growth of this cohort, in their prime household formation years, will likely spur a sustained demand for housing
  - Additionally, after years of depressed housing construction, the housing market is likely to operate at a shortage for several years, supporting further price appreciation and economic recovery



## Consumer spending – surging in durable goods and services

#### **Restaurant sales**



### Supply struggling to meet demand



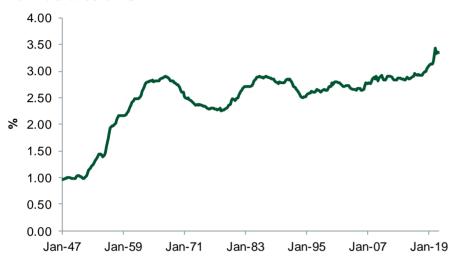
- Impacted sectors are 'returning to normal':
  - In May, restaurant sales exceeded their pre-COVID peak, a remarkable recovery from the pandemic trough
  - Widespread vaccination and the removal of public health restrictions is leading to a surge in travel, leisure, and recreation services
- · Demand for goods remains relentless:
  - Durable goods consumption is up over 30%, at levels not anticipated until 2025 or later
  - Additionally, supply chains lack the spare capacity to meet this demand, resulting in inventory drawdowns, shortages, and longer delivery times

Source: (LHS) Census Bureau, as of May 31, 2021; (RHS) Federal Reserve Bank of Philadelphia, Census Bureau, as of June 30, 2021.

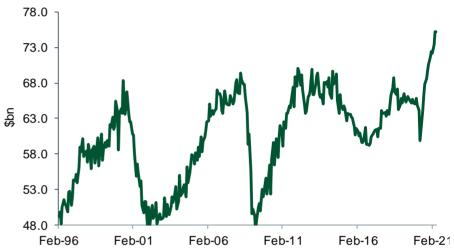


## Investment rebound may fuel productivity upswing

#### R&D as a % of GDP



#### Core capital goods orders



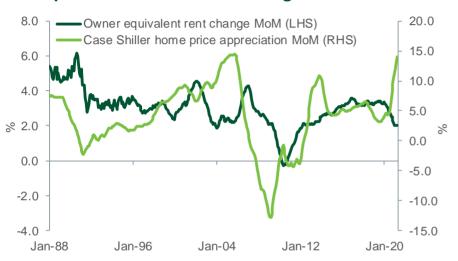
- R&D is becoming a larger contributor to GDP:
  - R&D investment has been steadily rising, recently reaching new all-time highs, spreading to sectors beyond technology like autos
  - Today's R&D spurs tomorrow's inventions, creating the potential for a sustained increase in productivity, which has been rising since 2018
- Traditional business investment is also rising:
  - Strong consumer demand is giving firms the confidence to invest in their business and expand capacity
  - While consumption is driving the initial recovery, increased investment will help power growth in 2022, particularly if a federal infrastructure program is implemented

Source: (LHS) Bureau of Economic Analysis, as of June 30, 2021; (RHS) Census Bureau, as of June 30, 2021.



## The 1970s aren't returning but shelter holds the key

#### Home prices and rents often diverge



#### Homes prices do not directly impact inflation:

- While home prices are up significantly, rental data is used for official data, which is skewed toward urban centers and can deviate meaningfully
- Shelter accounts for one-third of CPI, making a sustained increase necessary to maintain an inflation 'overshoot'

#### This isn't the 1970s



- Volatile categories are driving inflation:
  - Inflation has been largely contained within volatile categories, like used cars and energy, rather than persistent categories like shelter and health care
  - There is little evidence of a de-anchoring in sticky inflation, which was necessary for the 1970s' overshoot

Source: (LHS) St. Louis Federal Reserve, as of June 30, 2021; (RHS) Atlanta Federal Reserve, as June 30, 2021.

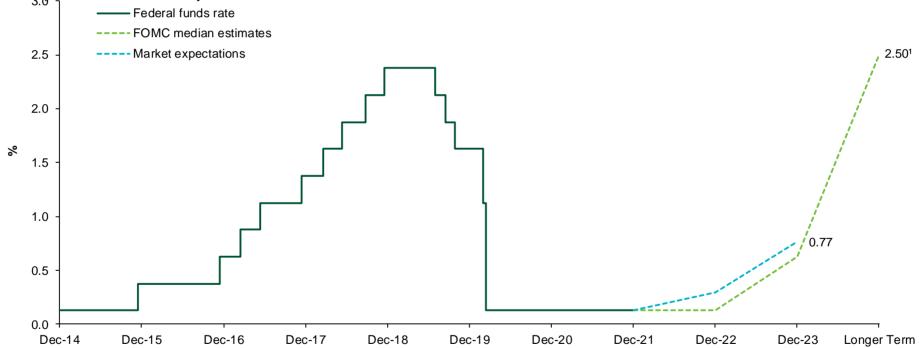
<sup>&</sup>lt;sup>1</sup> Flexible Price Consumer Price Index (CPI) is calculated from a subset of goods and services included in the CPI that change price relatively frequently.

<sup>&</sup>lt;sup>2</sup> Sticky Price Consumer Price Index (CPI) is calculated from a subset of goods and services included in the CPI that change price relatively infrequently.



## The Fed will remain patient

- We expect the Fed to keep interest rates unchanged until 2023 in its effort to restore credibility around its 2% inflation target
- The Fed will likely announce a tapering of its \$120 billion QE program before year end, with implementation occurring over the course of 2022
- Despite some dissent from regional presidents, DC members of the FOMC are committed to an inflation overshoot, which will likely keep the front end of the yield curve anchored



Source: Bloomberg, as of June 16, 2021. Opinions expressed herein are as of the date stated and are subject to change without notice. Insight assumes no responsibility to update such information or to notify a client of any changes. <sup>1</sup>2.50% is the FOMC projection of the longer run neutral Fed Funds Rate. Any projections or forecasts contained herein are based upon certain assumptions considered reasonable. Projections are speculative in nature and some or all of the assumptions underlying the projections may not materialize or vary significantly from the actual results. Accordingly, the projections are only an estimate. Please refer to the important disclosures at the back of this presentation.

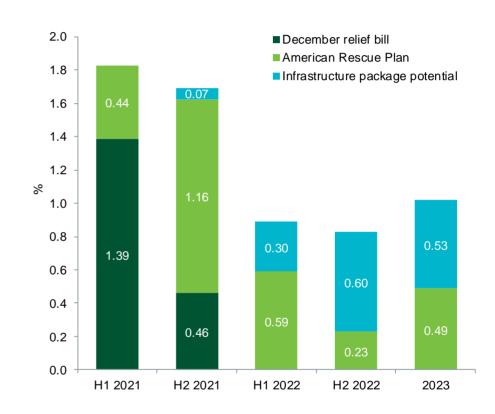


## Fiscal policy is extremely 'accommodative'

#### Likely policy actions

- Peak impulse from the \$1.9 trillion American Rescue Plan in Q3
  - 1.6% boost to 2021 GDP
  - 0.8% boost to 2022 GDP
- \$2.5-\$3.0 trillion of infrastructure and social spending over a decade
  - We anticipate passage of two bills in late Q3
  - Spending unlikely to peak before 2024
- \$750 billion-\$1 trillion in tax increases
  - Corporate rate of 25-28%
  - Higher rate on income and capital gains for high-earners with a rollback of limitations on state & local deductions
- Greater regulation of prescription drug prices, larger health insurance subsidies, and antitrust scrutiny of tech firms

#### **GDP** contribution



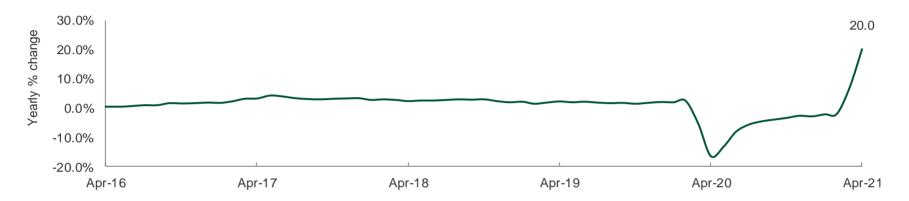
The fiscal impulse is significantly larger than the output gap, peaks in H1 2021 (Q2), and gradually moderates through 2023

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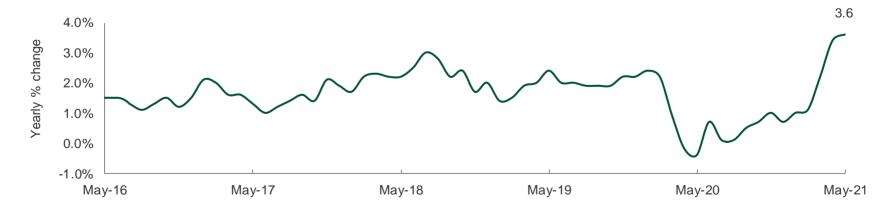
#### Canadian economic indicators



#### **Gross domestic product<sup>1</sup>**



#### Consumer price index<sup>2</sup>

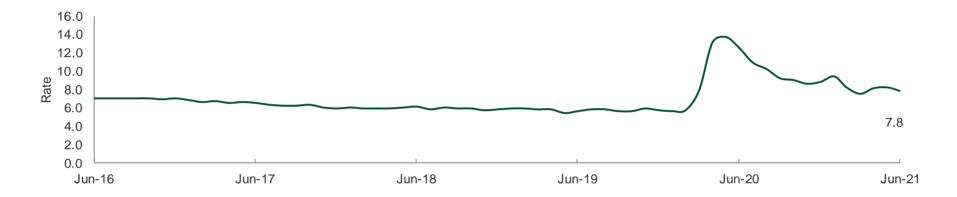


Source: Bloomberg LP, 1 April 30, 2021. 2 May 31, 2021

### Canadian economic indicators



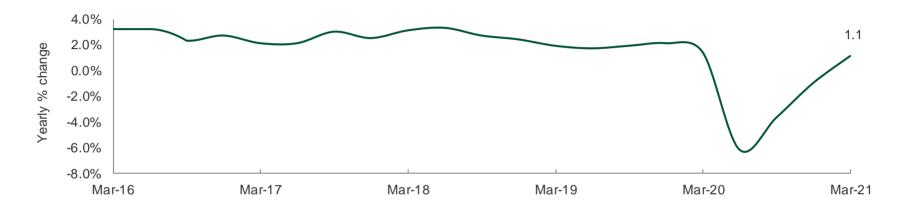
#### **Unemployment rate**



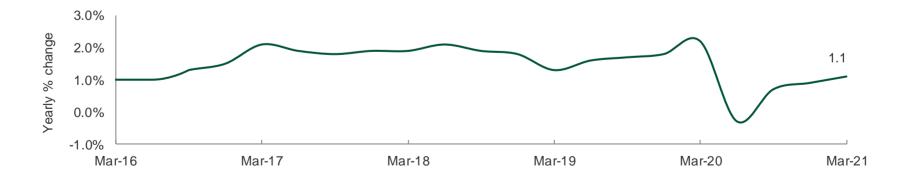
#### Australian economic indicators



#### **Gross domestic product**



#### **Consumer price index**

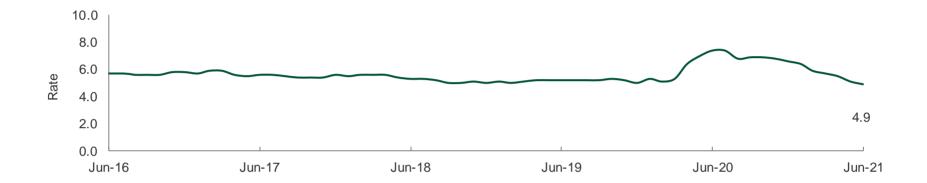


Source: Bloomberg LP. As of December 31, 2020.

#### Australian economic indicators



#### **Unemployment rate**



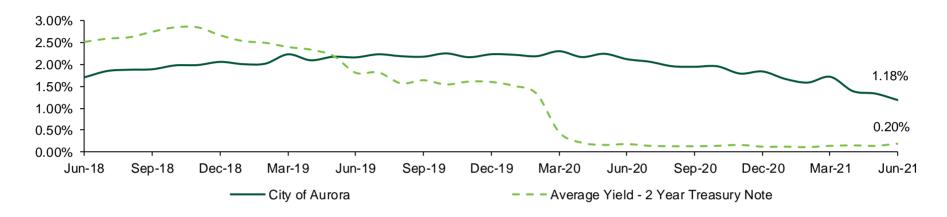


City of Aurora Portfolio

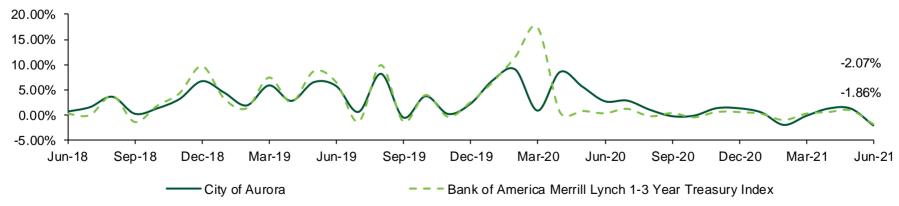
## Comparison annualized yields: excluding cash June 2018 through June 2021



#### Annualized return: Amortized cost basis



#### Annualized return: Fair value basis

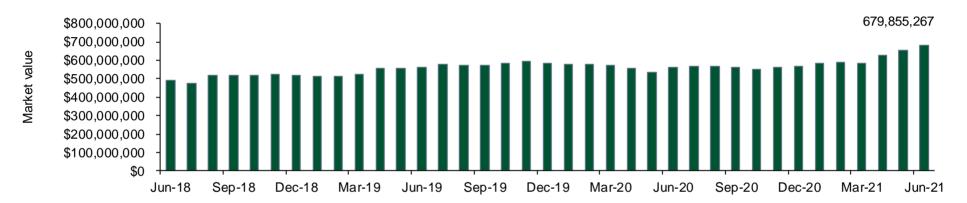


As of June 30, 2021. Past performance is not indicative of future results. Investment in any strategy involves a risk of loss. Returns are gross of fees. Performance results do not reflect the deduction of investment advisory fees. Client's returns will be reduced by the investment advisory fees and other expenses. Please refer to the important disclosures and index definition at the back of this presentation.

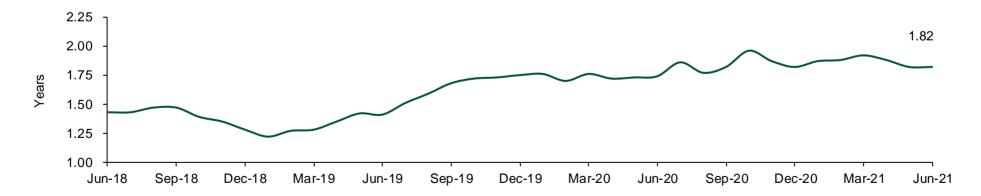
Portfolio size and duration: excluding cash June 2018 through June 2021



#### Portfolio balance: Ending market value



#### Portfolio duration

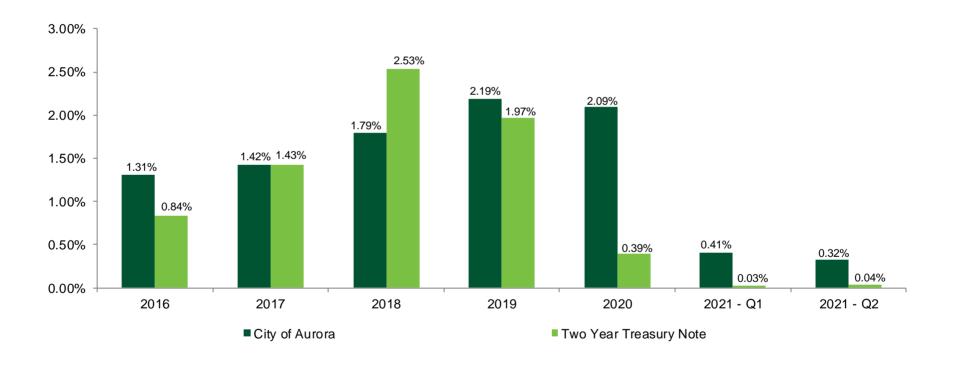


As of June 30, 2021.

## Performance versus benchmark: excluding cash January 2016 through June 2021



#### City of Aurora amortized cost return excluding cash versus 2 year Treasury note

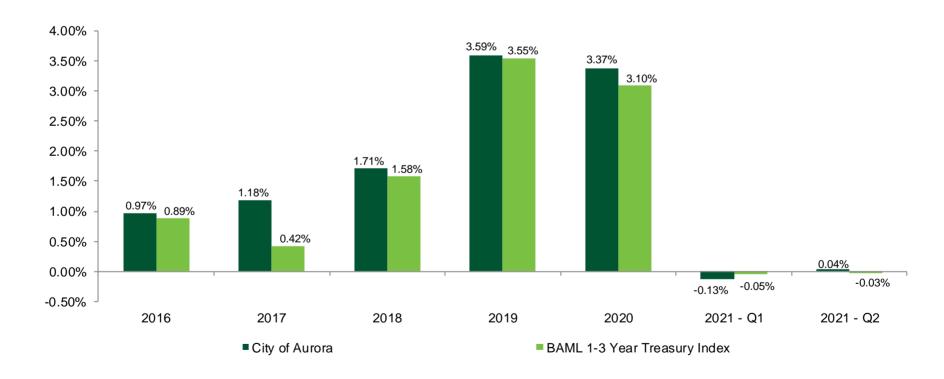


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## Performance versus benchmark: excluding cash January 2016 through June 2021



#### City of Aurora fair value return excluding cash versus Bank of America Merrill Lynch 1-3 Year treasury index



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Operating portfolio Credit Review as of July 9, 2021 Holdings as of June 30, 2021 Policy Guidelines Dated June 28, 2021



CUSIP	Settlemer Date	nt Description	Coupon/ Rate	Maturity Date	Call Date	Expected Maturity	Par Value	Yield to Worst	% Portfolio	Final WAM	First Call WAM	Expected	•	•		S&P Outlook	Fitch Rating	Fitch Outlook	Buy Hold Sell
Cash and Ca	ash Equivaler	•		t to exceed !		,							<u> </u>		<u> </u>		<u> </u>		
		COLOTRUST Plus		07/01/21	-	07/01/21	30,065,691	0.04	4.27%	1	1	1			AAAm				
		COLOTRUST Plus Wells Fargo Bank Sweep MMA		07/01/21 07/01/21	-	07/01/21 07/01/21	30,065,691 9,539,360	0.04	4.27% 1.36%	1	1	1	Aa2	NEG	AAAm A+	STABLE	AA-	NEG	
										1 1 1	1 1 1	1 1 1	Aa2 Aa2	NEG NEG		STABLE STABLE	AA- AA-	NEG NEG	

#### **Treasury Securities**

Investments in U.S. treasury obligations not to exceed a 7 year maximum maturity

912828Y20	08/20/18 T-Note	2.625	07/15/21	-	07/15/21	10,000,000	2.68	1.42%	15	15	15	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
9128285R7	04/13/21 T-Note	2.625	12/15/21	-	12/15/21	10,000,000	0.05	1.42%	168	168	168	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
9128286H8	03/15/19 T-Note	2.375	03/15/22	-	03/15/22	7,500,000	2.42	1.07%	258	258	258	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
9128286M7	04/09/21 T-Note	2.250	04/15/22	-	04/15/22	10,000,000	0.07	1.42%	289	289	289	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828SV3	05/21/21 T-Note	1.750	05/15/22	-	05/15/22	10,000,000	0.05	1.42%	319	319	319	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828XG0	02/21/19 T-Note	2.125	06/30/22	-	06/30/22	7,500,000	2.45	1.07%	365	365	365	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
9128287C8	03/15/21 T-Note	1.750	07/15/22	-	07/15/22	10,000,000	0.13	1.42%	380	380	380	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
9128282S8	01/07/21 T-Note	1.625	08/31/22	-	08/31/22	5,000,000	0.13	0.71%	427	427	427	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828CAG6	04/30/21 T-Note	0.125	08/31/22	-	08/31/22	7,500,000	0.10	1.07%	427	427	427	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828TY6	04/30/21 T-Note	1.625	11/15/22	-	11/15/22	7,500,000	0.13	1.07%	503	503	503	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828YW4	05/21/21 T-Note	1.625	12/15/22	-	12/15/22	10,000,000	0.11	1.42%	533	533	533	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828UN8	07/30/19 T-Note	2.000	02/15/23	-	02/15/23	7,500,000	1.82	1.07%	595	595	595	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828ZH6	03/15/21 T-Note	0.250	04/15/23	-	04/15/23	7,500,000	0.18	1.07%	654	654	654	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828Y61	08/30/19 T-Note	2.750	07/31/23	-	07/31/23	6,000,000	1.43	0.85%	761	761	761	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828CBV2	04/30/21 T-Note	0.375	04/15/24	-	04/15/24	7,500,000	0.34	1.07%	1,020	1,020	1,020	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828X70	01/08/21 T-Note	2.000	04/30/24	-	04/30/24	7,500,000	0.24	1.07%	1,035	1,035	1,035	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828XT2	03/15/21 T-Note	2.000	05/31/24	-	05/31/24	7,500,000	0.38	1.07%	1,066	1,066	1,066	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828YM6	04/09/21 T-Note	1.500	10/31/24	-	10/31/24	7,000,000	0.48	0.99%	1,219	1,219	1,219	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828G38	06/11/21 T-Note	2.250	11/15/24	-	11/15/24	7,000,000	0.38	0.99%	1,234	1,234	1,234	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828Z52	06/11/21 T-Note	1.375	01/31/25	-	01/31/25	7,000,000	0.44	0.99%	1,311	1,311	1,311	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828ZC7	02/24/21 T-Note	1.125	02/28/25	-	02/28/25	5,000,000	0.40	0.71%	1,339	1,339	1,339	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
912828XB1	06/11/21 T-Note	2.125	05/15/25	-	05/15/25	7,000,000	0.50	0.99%	1,415	1,415	1,415	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
Total						171,500,000	0.67	24.38%	648	648	648							
									1.78 Yr	1.78 Yr	1.78 Yr							

Operating portfolio Credit Review as of July 9, 2021 Holdings as of June 30, 2021 Policy Guidelines Dated June 28, 2021



	Settlemer			Maturity	Call	Expected		Yield	%	Final	First Call		•	s Moody's	S&P	S&P	Fitch	Fitch	Buy Ho
USIP	Date	Description	Rate	Date	Date	Maturity	Par Value	to Worst	Portfolio	WAM	WAM	WAM	Rating	Outlook	Rating	Outlook	Rating	Outlook	Sell
ederal Agen	cy and In	strumentality Holdings																	
vestments i	n federal	agency and instrumentality ob	ligations not to exceed 7	5% of the po	rtfolio, 25%	6 limit per issu	er, 7 year maximu	ım maturit	у										
13383ZU8	08/30	/18 FHLB	3.00	0 09/10/21	_	09/10/21	7,500,000	2.80	1.07%	72	72	72	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
13383WD9	02/21	/19 FHLB	3.12	5 09/09/22	-	09/09/22	7,500,000	2.55	1.07%	436	436	436	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133EMD66	06/03	/21 FFCB	0.08	0 09/15/22	-	09/15/22	10,000,000	0.09	1.42%	442	442	442	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G0T78	04/03	/19 FNMA	2.00	0 10/05/22	-	10/05/22	7,500,000	2.31	1.07%	462	462	462	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G0T94	03/15	/19 FNMA	2.37	5 01/19/23	-	01/19/23	7,500,000	2.48	1.07%	568	568	568	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130ADRG9	04/03	/19 FHLB	2.75	0 03/10/23	-	03/10/23	7,500,000	2.32	1.07%	618	618	618	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
137EAEQ8	05/21	/21 FHLMC	0.37	5 04/30/23	-	04/30/23	7,000,000	0.15	0.99%	669	669	669	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G04Q3	06/25	/20 FNMA	0.25	0 05/22/23	-	05/22/23	8,000,000	0.31	1.14%	691	691	691	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
134GXJG0	12/30	/20 FHLMC-Call	0.20	0 06/30/23	12/30/21	06/30/23	5,000,000	0.20	0.71%	730	183	730	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130A3DL5	08/30	/19 FHLB	2.37	5 09/08/23	-	09/08/23	6,000,000	1.46	0.85%	800	800	800	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133EKVB9	07/30	/19 FFCB	1.86	0 10/17/23	-	10/17/23	7,500,000	1.90	1.07%	839	839	839	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133EJNB1	03/16	/20 FFCB	2.98	0 11/02/23	-	11/02/23	7,500,000	0.77	1.07%	855	855	855	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
134GW6E1	11/02	/20 FHLMC-Call	0.32	0 11/02/23	11/02/21	11/02/21	10,000,000	0.32	1.42%	855	125	125	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G06H1	12/31	/20 FNMA	0.25	0 11/27/23	-	11/27/23	5,000,000	0.21	0.71%	880	880	880	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130A3VC5	07/29	/19 FHLB	2.25	0 12/08/23	-	12/08/23	9,000,000	1.91	1.28%	891	891	891	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133EMNG3	01/19	/21 FFCB	0.23	0 01/19/24	-	01/19/24	5,000,000	0.24	0.71%	933	933	933	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G0V34	11/15	/19 FNMA	2.50	0 02/05/24	-	02/05/24	7,000,000	1.78	0.99%	950	950	950	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133EKMX1	07/30	/19 FFCB	2.23	0 02/23/24	-	02/23/24	7,500,000	1.89	1.07%	968	968	968	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135GA5A5	12/03	/20 FNMA-Call	0.35	0 02/23/24	11/23/22	02/23/24	3,484,000	0.35	0.50%	968	511	968	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130A7PH2	03/18	/20 FHLB	1.87	5 03/08/24	-	03/08/24	7,500,000	0.78	1.07%	982	982	982	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
133ELG99	06/25	/20 FFCB	0.37	5 06/10/24	-	06/10/24	8,000,000	0.39	1.14%	1,076	1,076	1,076	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
134GVV96	06/24	/20 FHLMC-Call	0.50	0 06/24/24	06/24/22	06/24/24	10,000,000	0.50	1.42%	1,090	359	1,090	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
134GV4S4	07/09	/20 FHLMC-Call	0.45	0 07/08/24	07/08/22	07/08/24	5,000,000	0.46	0.71%	1,104	373	1,104	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130A2UW4	10/29	/19 FHLB	2.87	5 09/13/24	-	09/13/24	7,000,000	1.73	0.99%	1,171	1,171	1,171	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130ALNC4	03/30	/21 FHLB-Call	0.50	0 09/30/24	09/30/21	09/30/24	5,000,000	0.50	0.71%	1,188	92	1,188	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130ALF25	02/26	/21 FHLB-Call	0.40	0 11/26/24	08/26/21	11/26/24	7,500,000	0.40	1.07%	1,245	57	1,245	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
130AMK92	05/26	/21 FHLB-Call	0.55	0 11/26/24	11/26/21	11/26/24	5,000,000	0.55	0.71%	1,245	149	1,245	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G06M0	12/16	/20 FNMA-Call	0.50	0 12/16/24	09/16/21	12/16/24	10,000,000	0.50	1.42%	1,265	78	1,265	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G0X24	09/18	/20 FNMA	1.62	5 01/07/25	-	01/07/25	7,500,000	0.37	1.07%	1,287	1,287	1,287	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
137EAEP0	10/01	/20 FHLMC	1.50	0 02/12/25	-	02/12/25	6,500,000	0.34	0.92%	1,323	1,323	1,323	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
135G03U5	01/07	/21 FNMA	0.62	5 04/22/25	-	04/22/25	7,500,000	0.36	1.07%	1,392	1,392	1,392	Aaa	STABLE	AA+	STABLE	AAA	NEG	Buy
otal							221,984,000	1.02	31.55%	893	649	860							
										2.45 Yr	1.78 Yr	2.36 Yr							

Operating portfolio Credit Review as of July 9, 2021 Holdings as of June 30, 2021 Policy Guidelines Dated June 28, 2021



	Settlemen		Coupon/	Maturity		Expected		Yield	%	Final		Expected I		•	S&P	S&P	Fitch	Fitch	Buy Hol
SIP	Date	Description	Rate	Date	Date	Maturity	Par Value to	Worst	Portfolio	WAM	WAM	WAM	Rating	Outlook I	Rating	Outlook	Rating	Outlook	Sell
porate Se																			
		ic, australian and canadian corpora				authorized bar	nkers acceptance	s not to	exceed 50%	of the po	ortfolio; 3%	combined of	exposure	limit per is	suer				
rporate bo	nds must	be rated A- or better by 2 rating age	encies, 3 year max	mum maturity	,														
mestic Co 2718EQ8		onds: 50% allocation limit /18 Procter & Gamble	1 7	00 11/03/21	_	11/03/21	5,954,000	3.10	0.85%	126	126	126	Aa3	STABLE	. AA	- STABL	_		Н
9236TDP7		/20 Toyota Motor Credit		00 01/11/22		01/11/22	3,000,000	1.60	0.43%	195	195	195	A1	STABLE				- STABLE	
331HPC1		/19 US Bank	2.6		04/22/22		5,000,000	1.97	0.43%	327	296	327	A1	CW NEC					
37833DC1		/19 Apple	2.1		08/12/22		5,000,000	2.43	0.71%	439	408	439	Aa1	STABLE				- OTABLI	
6764AB6		/19 Chevron Corp	2.3		09/05/22		7,000,000	2.32	0.99%	523	432	523	Aa2	STABLE					H
9236TGW9		/21 Toyota Motor Credit	2.9		- 09/03/22	03/30/23	5,000,000	0.35	0.71%	638	638	638	A1	STABLE				STABLE	
94918AT1		/20 Microsoft		75 05/01/23	02/01/23		9,200,000	1.74	1.31%	670	581	670	Aaa	STABLE					
0331HNV1		/19 US Bank	3.4		06/23/23		5,000,000	2.04	0.71%	754	723	754	A1	CW NEC					
9236TDK8		/19 Toyota Motor Credit	2.2		-	10/18/23	7,000,000	2.06	0.99%	870	870	870	A1	STABLE					
37833CG3		/20 Apple	3.0		12/09/23		3,000,000	1.99	0.43%	954	892	954	Aa1	STABLE				017122	
37833CG3		/20 Apple	3.0		12/09/23		4,500,000	0.50	0.64%	954	892	954	Aa1	STABLE					Н
31142EL3		/20 Wal-Mart	2.8		06/08/24		5,000,000	0.49	0.71%	1,104		1,104	Aa2	STABLE				STABLE	
31142DV2		/20 Wal-Mart	2.6		10/15/24		9,000,000	0.66	1.28%	1,264		1,264	Aa2	STABLE					
37833DT4		/21 Apple		25 05/11/25	04/11/25		3,500,000	0.61	0.50%	1,411	1,381	1,411	Aa1	STABLE					Н
otal							77,154,000	1.59	10.97%	739	707	739							
										2.03 Y	r 1.94 Yı	2.03 Yr							
ustralian Co	orporate B	onds: 10% allocation limit																	
3254AAR9	04/24	/19 National Australia Bank	1.8	75 07/12/21	-	07/12/21	8,520,000	2.75	1.21%	12	12	12	Aa3	STABLE	AA	- STABL	E A+	STABL	E H
5253JAQ4	06/14	/19 Australia & New Zealand Banking	2.5	50 11/23/21	-	11/23/21	6,000,000	2.48	0.85%	146	146	146	Aa3	STABLE	AA	- STABL	E A+	STABL	E H
61214DG5	05/31	/19 Westpac Banking	2.8	00 01/11/22	-	01/11/22	5,000,000	2.59	0.71%	195	195	195	Aa3	STABLE	AA	- STABL	E A+	STABL	E H
5253JAU5	11/21	/19 Australia & New Zealand Banking	2.6	25 11/09/22	-	11/09/22	4,000,000	2.01	0.57%	497	497	497	Aa3	STABLE	AA	- STABL	E A+	STABL	E H
61214EC3	06/24	/21 Westpac Banking	3.3	00 02/26/24	-	02/26/24	5,000,000	0.51	0.71%	971	971	971	Aa3	STABLE	AA	- STABL	E A+	STABL	E H
otal							28,520,000	2.17	4.05%	308	308	308							
										0.84 Y	r 0.84 Yı	0.84 Yr							
		and a 400/ allocation that																	
		onds: 10% allocation limit		=/		07/10/0:	= aaa a				4.5			0.545:-		074-			
114QBL1		/19 Toronto-Dominion Bank	1.8		-	07/13/21	5,000,000	2.90	0.71%	13	13	13	Aa1	STABLE					Н
012KZG5		/19 Royal Bank of Canada	2.7		-	02/01/22	7,500,000	2.66	1.07%	216	216	216	Aa2	STABLE					Н
64159JG2	04/21	/21 Bank of Nova Scotia	2.7	00 03/07/22	-	03/07/22	8,000,000	0.18	1.14%	250	250	250	Aa2	STABLE	A+	STABL	E AA	NEG	H

Operating portfolio Credit Review as of July 9, 2021 Holdings as of June 30, 2021 Policy Guidelines Dated June 28, 2021



	Settlemen	nt	Coupon/	Maturity	Call	Expected		Yield	%	Final	First Call	Expected	Moody's	Moody's	S&P	S&P	Fitch	Fitch	Buy Hold
CUSIP	Date	Description	Rate	Date	Date	Maturity	Par Value	to Worst	Portfolio	WAM	WAM	WAM	Rating	Outlook	Rating	Outlook	Rating	Outlook	Sell
136069TY7	04/25	/19 Canadian Imperial Bank of Commerce	2.550	06/16/22	-	06/16/22	5,000,000	2.78	0.71%	351	351	351	Aa2	STABLE	A+	STABLE	AA	NEG	Hold
06367TG38	12/06	/19 Bank of Montreal	2.350	09/11/22	-	09/11/22	9,876,000	1.86	1.40%	438	438	438	Aa2	STABLE	A+	STABLE	AA	NEG	Hold
064159KD7	10/16	/19 Bank of Nova Scotia	2.450	09/19/22	-	09/19/22	7,000,000	1.98	0.99%	446	446	446	Aa2	STABLE	A+	STABLE	AA	NEG	Hold
89114QC48	09/25	/19 Toronto-Dominion Bank	3.500	07/19/23	-	07/19/23	10,000,000	1.98	1.42%	749	749	749	Aa1	STABLE	AA-	STABLE	AA	NEG	Hold
13607RAD2	01/14	/21 Canadian Imperial Bank of Commerce	3.500	09/13/23	-	09/13/23	5,000,000	0.33	0.71%	805	805	805	Aa2	STABLE	A+	STABLE	AA	NEG	Hold
13607RAD2	03/29	/21 Canadian Imperial Bank of Commerce	3.500	0 09/13/23	-	09/13/23	2,800,000	0.42	0.40%	805	805	805	Aa2	STABLE	A+	STABLE	AA	NEG	Hold
Total							60,176,000	1.74	8.55%	443	443	443							
										1.21 Yr	1.21 Yr	1.21 Yr							
Total domes	stic, austral	ian and canadian corporate bonds, comm	ercial paper a	and bankers	acceptan	ces	165,850,000	1.74	23.57%	558	543	558							
										1.53 Yr	1.49 Yr	1.53 Yr							

#### **Municipal Bonds**

Investments in general obligation and revenue bonds not to exceed 30% of the portfolio, 3% limit per issuer, 5 year maximum maturity and the portfolio of the

Colorado issuers must be rated A- and other issuers must be rated AA- by at least 2 rating agencies

10% may be held in non-colorado issuers rated A- by at least 2 rating agencies, 2 year maximum maturity

24917DAF0	05/16/19 Denver City and County Taxable REV	2.368 08/01/21	-	08/01/21	1,300,000	2.31	0.18%	32	32	32	Aa3	AA-	NEG	AA-	STABLE	Hold
438687DZ5	09/05/18 Honolulu HI City & County Taxable GO	2.860 09/01/21	-	09/01/21	1,500,000	2.87	0.21%	63	63	63	Aa1			AA+	STABLE	Hold
882724GS0	09/11/18 Texas State Public Fin Auth Taxable GO	2.887 10/01/21	-	10/01/21	9,690,000	2.89	1.38%	93	93	93	Aaa	AAA	STABLE			Hold
605581GB7	03/06/19 Mississippi State Taxable GO	2.195 10/01/21	-	10/01/21	2,500,000	2.67	0.36%	93	93	93	Aa2	AA	STABLE	AA	STABLE	Hold
010411CN4	12/13/18 Alabama State Taxable GO	3.000 11/01/21	-	11/01/21	3,415,000	3.00	0.49%	124	124	124	Aa1	AA	STABLE	AA+	STABLE	Hold
68609BYF8	05/16/19 Oregon State Taxable GO	2.332 04/01/22	-	04/01/22	1,575,000	2.23	0.22%	275	275	275	Aa1	AA+	STABLE	AA+	STABLE	Hold
605581MB0	10/23/19 Mississippi State Taxable GO	1.809 10/01/22	-	10/01/22	2,000,000	1.81	0.28%	458	458	458	Aa2	AA	STABLE	AA	STABLE	Hold
57582RK54	12/03/20 Commonwealth of Mass Taxable GO	0.277 11/01/22		11/01/22	5,410,000	0.28	0.77%	489	489	489	Aa1	AA	STABLE	AA+	STABLE	Hold
4423315S9	09/10/19 City of Houston Taxable GO	1.820 03/01/23	-	03/01/23	12,000,000	1.82	1.71%	609	609	609	Aa3	AA	STABLE			Hold
977100CZ7	11/27/19 Wisconsin State Taxable REV	2.049 05/01/23	-	05/01/23	5,000,000	1.90	0.71%	670	670	670	Aa2	AA-	STABLE	AA	STABLE	Hold
59163PKF9	05/15/19 Metro Oregon Taxable GO	3.500 06/01/23	-	06/01/23	12,835,000	2.45	1.82%	701	701	701	Aaa	AAA	STABLE			Hold
64966QBZ2	09/12/19 New York City Taxable GO	2.080 08/01/23	-	08/01/23	5,000,000	1.75	0.71%	762	762	762	Aa2	AA	STABLE	AA-	NEG	Hold
605581MC8	10/23/19 Mississippi State Taxable GO	1.850 10/01/23	-	10/01/23	2,000,000	1.85	0.28%	823	823	823	Aa2	AA	STABLE	AA	STABLE	Hold
64966QEF3	10/22/19 New York City Taxable GO	1.740 10/01/23	-	10/01/23	5,000,000	1.74	0.71%	823	823	823	Aa2	AA	STABLE	AA-	NEG	Hold
13063DYV4	11/03/20 California State Taxable GO	3.000 11/01/23	-	11/01/23	4,480,000	0.35	0.64%	854	854	854	Aa2	AA-	STABLE	AA	STABLE	Hold

Operating portfolio Credit Review as of July 9, 2021 Holdings as of June 30, 2021 Policy Guidelines Dated June 28, 2021



	Settlemen	t	Coupon/	Maturity	Call	Expected		Yield	%	Final	First Call	Expected	Moody's Moody	s S&P	S&P	Fitch	Fitch	Buy Hold
CUSIP	Date	Description	Rate	Date	Date	Maturity	Par Value	to Worst	Portfolio	WAM	WAM	WAM	Rating Outloo	k Rating	Outlook	Rating	Outlook	Sell
	44/0=	100 O W (VIII		00/04/04		00/04/04	40.000.000			4.00=					07151		074515	
9281094B0		/20 Commonwealth of Virginia Taxable GO		00 06/01/24		06/01/24	10,000,000		1.42%	1,067	1,067	1,067	Aaa	AAA				
34153QUC8	10/22	20 Florida State Taxable GO	0.39	90 06/01/24	-	06/01/24	10,000,000	0.39	1.42%	1,067	1,067	1,067	Aaa	AAA	STABLE	E AAA	STABLE	Hold
576051VX1	11/01	/19 Mass Water Resources Auth Taxable RE	V 1.86	08/01/24	-	08/01/24	2,880,000	1.86	0.41%	1,128	1,128	1,128	Aa1	AA+	STABLE	AA+	STABLE	Hold
574193TQ1	08/05	/20 Maryland State Taxable GO	0.5	10 08/01/24	-	08/01/24	8,000,000	0.51	1.14%	1,128	1,128	1,128	Aaa	AAA	STABLE	AAA	STABLE	Hold
Total							104,585,000	1.57	14.87%	692	692	692						
										1.90 Yr	1.90 Yr	1.90 Yr						
GRAND TOTA	AL INVEST	TMENTS					703,539,379	1.13	100.00%	674	593	664						
										1.85 Yr	1.63 Yr	1.82 Yr						

#### **Rating Change Details**

Australia and New Zealand Banking: 06/07/21 S&P moved to outlook stable from outlook negative

National Australia Bank: 06/07/21 S&P moved to outlook stable from outlook negative Westpac Banking: 06/07/21 S&P moved to outlook stable from outlook negative

New York City Taxable GO: 05/18/21 S&P moved to outlook stable from outlook negative

Citibank NA: 05/12/21 Fitch moved to outlook stable from outlook negative

US Bank NA: 05/07/21 Fitch moved to outlook stable from outlook negative

Australia & New Zealand Banking Group: 04/12/21 Fitch moved to outlook stable from outlook negative

National Australia Bank: 04/12/21 Fitch moved to outlook stable from outlook negative Westpac Banking Corp: 04/12/21 Fitch moved to outlook stable from outlook negative

Microsoft: 04/01/21 Fitch moved to AAA from AA+ and retained outlook stable



Important disclosures



## Index descriptions

Information about the index shown here is provided to allow for comparison of the performance of the strategy to that of a certain well-known and widely recognized index. There is no representation that such index is an appropriate benchmark for such comparison. You cannot invest directly in an index and the index represented does not take into account trading commissions and/or other brokerage or custodial costs. The volatility of the index may be materially different from that of the strategy. In addition, the strategy's holdings may differ substantially from the securities that comprise the index shown.

Index	Description
BofA Merrill Lynch 1-3	The BofA Merrill Lynch 1-3 US Year Treasury Index is an unmanaged index that tracks the performance of the direct sovereign debt
<b>US Year Treasury Index</b>	of the U.S. Government having a maturity of at least one year and less than three years.

# Insight

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All performance numbers used in the analysis are gross returns. The performance reflects the reinvestment of all dividends and income. INA charges management fees on all portfolios that they manage and these fees will reduce the returns on the portfolios. For example, assume that \$30 million is invested in an account with INA, and this account achieves a 5.0% annual return compounded monthly, gross of fees, for a period of five years. At the end of five years that account would have grown to \$38,500,760 before the deduction of management fees. Assuming management fees of 0.25% per year are deducted monthly from the account, the value at the end of the five year period would be \$38,022,447. Actual fees for new accounts are dependent on size and subject to negotiation. INA's investment advisory fees are discussed in Part 2A of its Form ADV. A full description of INA's advisory fees are described in Part 2A of Form ADV available from INA at www.adviserinfo.sec.gov.

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