### LOVELESS KEITH

Form 4 May 17, 2010

# FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

1. Name and Address of Reporting Person \*

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

1(b).

STOCK (2)

(Print or Type Responses)

	LOVELESS F	KEITH		Symbol ALASKA	ΔIR GR	OUP IN	C [A		Issuer		
	(Last)	(First)	(Middle)	3. Date of E			С[Л	LKj	(Chec	k all applicable	)
	ALASKA AII INTERNATIO		*	(Month/Day 05/12/201					Director _X_ Officer (give below) VP/LEGAL &		Owner r (specify DUNSEL
		(Street)		4. If Amend		Original			6. Individual or Jo	int/Group Filin	g(Check
SEATTLE, WA 98188				Filed(Month/	/Day/Year)				Applicable Line) _X_ Form filed by C Form filed by M Person		
	(City)	(State)	(Zip)	Table I	- Non-Dei	rivative So	ecuriti	es Acqu	iired, Disposed of	, or Beneficiall	y Owned
	1.Title of Security (Instr. 3)	2. Transaction (Month/Day/	Year) Execu	eemed ation Date, if th/Day/Year)	Code (Instr. 8)	4. Securion(A) or D (D) (Instr. 3,	ispose 4 and (A) or	d of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
	COMMON STOCK	05/12/2010	)		M	4,900	A	\$ 25.2	4,900	D	
	COMMON STOCK	05/12/2010	)		S	4,900	D	\$ 45.9	0	D	
	COMMON STOCK								7,849	D	
	COMMON STOCK (1)								14,880	D	
	COMMON								742	D	

**COMMON ESOP** 345 I STOCK (3) **TRUST** 

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and Am Underlying Sec (Instr. 3 and 4)	
EMP				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares

M

# **Reporting Owners**

\$ 25.2

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

LOVELESS KEITH ALASKA AIRLINES INC 19300 INTERNATIONAL BLVD SEATTLE, WA 98188

VP/LEGAL & GENERAL COUNSEL

**Signatures** 

**STOCK OPTION** 

(RT TO BUY)

JEANNE E. GAMMON, ATTORNEY IN FACT FOR KEITH **LOVELESS** 

05/12/2010

05/17/2010

4,900 11/12/2002(4) 11/12/2011 COMMON 4,90

\*\*Signature of Reporting Person

Date

Reporting Owners 2

# **Explanation of Responses:**

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- STOCK UNITS AWARDED UNDER THE 2004 LONG-TERM INCENTIVE EQUITY AND 2008 PERFORMANCE INCENTIVE **(1)** PLANS; NOT YET VESTED BUT NO LONGER SUBJECT TO FORFEITURE.
- SHARES ACQUIRED UNDER THE ALASKA AIR GROUP, INC. EMPLOYEE STOCK PURCHASE PLAN AS OF DECEMBER 31, **(2)**
- SHARES HELD IN AN ALASKA AIR GROUP, INC. EMPLOYEE STOCK OWNERSHIP 401(K) PLAN TRUST AS OF (3)DECEMBER 31, 2009.
- THE OPTIONS VESTED IN EQUAL INSTALLMENTS OVER FOUR YEARS; ALL OPTIONS WERE FULLY VESTED AS OF **(4)** 11/12/05.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. #000000 2px solid; FONT-WEIGHT: bold; TEXT-ALIGN: left" valign="bottom" nowrap="nowrap">

Total NAZ 88,300,000 \$ 88,300,000 **NUM** 173,000,000 173,000,000 **NUO** 148,000,000 \$

148,000,000

NTX \$ 72,000,000 \$ —

72,000,000

Preferred shares of the Fund featuring a floating rate dividend based on a predetermined formula or spread to an

- \* index rate. Includes the following preferred shares AMTP, iMTP, VMTP, MFP- VRM and VRDP in Special Rate Mode, where applicable. See Notes to Financial Statements, Note 4 Fund Shares, Preferred Shares for further details.
- \*\* Preferred shares of the Fund featuring floating rate dividends set by a remarketing agent via a regular remarketing. Includes the following preferred shares VRDP not in Special Rate Mode, MFP- VRRM and MFP-VRDM, where applicable. See Notes to Financial Statements, Note 4 Fund Shares, Preferred Shares for further details.

Refer to Notes to Financial Statements, Note 4 – Fund Shares, Preferred Shares for further details on preferred shares and each Fund's respective transactions.

### **Common Share Information**

#### COMMON SHARE DISTRIBUTION INFORMATION

The following information regarding the Funds' distributions is current as of August 31, 2018. Each Fund's distribution levels may vary over time based on each Fund's investment activity and portfolio investment value changes.

During the current reporting period, each Fund's distributions to common shareholders were as shown in the accompanying table.

	Per Common Share							
			Amoun	ts				
Monthly Distributions (Ex-Dividend Date)	NAZ		NUM		NUO		NTX	
March 2018	\$0.0440	)	\$0.0445	5	\$0.048	5	\$0.048	5
April	0.0440	)	0.0445	5	0.048	5	0.048	5
May	0.0440	)	0.0445	5	0.048	5	0.048	5
June	0.0440	)	0.0445	5	0.048	5	0.044	5
July	0.0440	)	0.0445	5	0.048	5	0.044	5
August 2018	0.0440	)	0.0445 0.0485			5	0.044	5
Total Distributions from Net Investment Income	\$0.2640		\$0.2670		\$0.2910		\$0.2790	
Yields								
Market Yield*	4.22	%	4.22	%	4.21	%	4.18	%
Taxable-Equivalent Yield*	5.90	%	5.89	%	5.90	%	5.50	%

Market Yield is based on the Fund's current annualized monthly distribution divided by the Fund's current market price as of the end of the reporting period. Taxable-Equivalent Yield represents the yield that must be earned on a

Each Fund in this report seeks to pay regular monthly dividends out of its net investment income at a rate that reflects its past and projected net income performance. To permit each Fund to maintain a more stable monthly dividend, the Fund may pay dividends at a rate that may be more or less than the amount of net income actually earned by the Fund during the period. If a Fund has cumulatively earned more than it has paid in dividends, it will hold the excess in reserve as undistributed net investment income (UNII) as part of the Fund's net asset value. Conversely, if a Fund has cumulatively paid in dividends more than it has earned, the excess will constitute a negative UNII that will likewise be reflected in the Fund's net asset value. Each Fund will, over time, pay all its net investment income as dividends to shareholders.

As of August 31, 2018, the Funds had positive UNII balances, based upon our best estimate, for tax purposes. The Funds had negative UNII balances for financial reporting purposes.

All monthly dividends paid by each Fund during the current reporting period, were paid from net investment income. If a portion of the Fund's monthly distributions is sourced from or comprised of elements other than net investment income, including capital gains and/or a return of capital, shareholders will be notified of those sources. For financial reporting purposes, the composition and per share amounts of each Fund's dividends for the reporting period are presented in this report's Statement of Changes in Net Assets and Financial Highlights, respectively. For income tax purposes, distribution information for each Fund as of its most recent tax year end is presented in Note 6 – Income Tax Information within the Notes to Financial Statements of this report.

<sup>\*</sup> fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a combined federal and state income tax rate of 28.5%, 28.3% and 28.6% for the Arizona, Michigan and Ohio Funds, respectively. The Texas Fund is based on a federal income tax rate of 24.0%. When comparing a Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield would be lower.

Common Share Information (continued)

#### COMMON SHARE REPURCHASES

During August 2018, the Funds' Board of Trustees reauthorized an open-market share repurchase program, allowing each Fund to repurchase an aggregate of up to approximately 10% of its outstanding shares.

As of August 31, 2018, and since the inception of the Funds' repurchase programs, the Funds have cumulatively repurchased and retired their outstanding common shares as shown in the accompanying table.

	NAZ	NUM	NUO	NTX
Common shares cumulatively repurchased and retired	_	445,183	28,700	_
Common shares authorized for repurchase	1,170,000	2,065,000	1,850,000	1,005,000

During the current reporting period, the following Funds repurchased and retired their common shares at a weighted average price per share and a weighted average discount per share as shown in the accompanying table.

	NUM	NUO
Common shares repurchased and retired	223,183	28,700
Weighted average price per common share repurchased and retired	\$12.61	\$13.64
Weighted average discount per common share repurchased and retired	15.65	% 15.17 %

### COMMON SHARE EQUITY SHELF PROGRAM

During the current reporting period, NAZ was authorized by the Securities and Exchange Commission to issue additional common shares through an equity shelf program (Shelf Offering). Under this program NAZ, subject to market conditions, may raise additional capital from time to time in varying amounts and offering methods at a net price at or above the Fund's NAV per common share. Under the Shelf Offering, the Fund was authorized to issue additional common shares as shown in the accompanying table.

NAZ 1,100,000\*

Additional authorized common shares

During the current reporting period, NAZ did not sell any common shares through its Shelf Offering.

Refer to the Notes to Financial Statements, Note 4 - Fund Shares, Common Shares Equity Shelf Programs and Offering Costs for further details of Shelf Offerings and the Fund's transactions.

### OTHER COMMON SHARE INFORMATION

As of August 31, 2018, and during the current reporting period, the Funds' common share prices were trading at a premium/ (discount) to their common share NAVs as shown in the accompanying table.

	NAZ	NUM	NUO	NTX
Common share NAV	\$14.07	\$14.95	\$16.10	\$14.89
Common share price	\$12.51	\$12.66	\$13.83	\$12.76
Premium/(Discount) to NAV	(11.09)%	(15.32)%	(14.10)%	(14.30)%
6-month average premium/(discount) to NAV	(8.28)%	(15.42)%	(14.58)%	(13.10)%

<sup>\*</sup> Represents additional authorized common shares for the period March 1, 2018 through June 29, 2018.

#### **Risk Considerations**

Fund Shares are not guaranteed or endorsed by any bank or other insured depository institution, and are not federally insured by the Federal Deposit Insurance Corporation.

Nuveen Arizona Quality Municipal Income Fund (NAZ)

Nuveen Michigan Quality Municipal Income Fund (NUM)

Nuveen Ohio Quality Municipal Income Fund (NUO)

Nuveen Texas Quality Municipal Income Fund (NTX)

Investing in closed-end funds involves risk; principal loss is possible. There is no guarantee the Fund's investment objectives will be achieved. Closed-end fund shares may frequently trade at a discount or premium to their net asset value. Debt or fixed income securities such as those held by the Fund, are subject to market risk, credit risk, interest rate risk, derivatives risk, liquidity risk, and income risk. As interest rates rise, bond prices fall. Leverage increases return volatility and magnifies the Fund's potential return and its risks; there is no guarantee a fund's leverage strategy will be successful. State concentration makes the Fund more susceptible to local adverse economic, political, or regulatory changes affecting municipal bond issuers. These and other risk considerations such as inverse floater risk and tax risk are described in more detail on the Fund's web page at www.nuveen.com/NAZ, www.nuveen.com/NUM, www.nuveen.com/NUO and www.nuveen.com/NTX.

Nuveen Arizona Quality Municipal

NAZ Income Fund

Performance Overview and Holding Summaries as of August 31, 2018

Refer to the Glossary of Terms Used in this Report for further definition of the terms used within this section. Average Annual Total Returns as of August 31, 2018

				Averag	e		
	Cumulativ	Annual	Annual				
	6-Month		1-Year	5-Year		10-Yea	ır
NAZ at Common Share NAV	1.60	%	$(0.17)^{\circ}$	% 6.24	%	5.87	%
NAZ at Common Share Price	(6.73	)%	$(11.54)^{\circ}$	% 6.34	%	5.24	%
S&P Municipal Bond Arizona Index	1.57	%	0.45 %	4.04	%	4.41	%
S&P Municipal Bond Index	1.78	%	0.61 %	4.23	%	4.36	%

Past performance is not predictive of future results. Current performance may be higher or lower than the data shown. Returns do not reflect the deduction of taxes that shareholders may have to pay on Fund distributions or upon the sale of Fund shares. Returns at NAV are net of Fund expenses, and assume reinvestment of distributions. Comparative index return information is provided for the Fund's shares at NAV only. Indexes are not available for direct investment.

### Common Share Price Performance — Weekly Closing Price

This data relates to the securities held in the Fund's portfolio of investments as of the end of the reporting period. It should not be construed as a measure of performance for the Fund itself. Holdings are subject to change. For financial reporting purposes, the ratings disclosed are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc. or Fitch, Inc. This treatment of split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Credit ratings are subject to change. AAA, AA, A and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below-investment grade ratings. Holdings designated N/R are not rated by these national rating agencies.

### **Fund Allocation**

(% of net assets)

Long-Term Municipal Bonds	157.2%
Other Assets Less Liabilities	2.3%
Net Assets Plus Floating Rate Obligations & VMTP Shares, net of deferred offering costs	159.5%
Floating Rate Obligations	(5.9)%
VMTP Shares, net of deferred offering costs	(53.6)%
Net Assets	100%

### Portfolio Composition

(% of total investments)

Tax Obligation/Limited	19.4%
Education and Civic Organizations	18.4%
Utilities	14.4%
Tax Obligation/General	11.9%
U.S. Guaranteed	11.8%
Health Care	11.2%
Water and Sewer	7.8%
Other	5.1%
Total	100%

# Portfolio Credit Quality

(% of total investment exposure)

U.S. Guaranteed	7.7%
AAA	11.7%
AA	47.5%
A	19.8%
BBB	6.2%
BB or Lower	2.6%
N/R (not rated)	4.5%
Total	100%

Nuveen Michigan Quality Municipal

NUMIncome Fund

Performance Overview and Holding Summaries as of August 31, 2018

Refer to

the

Glossary

of Terms

Used in

this

Report for

further

definition

of the

terms

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within

this

section.

Average Annual Total Returns as of August 31, 2018

				Average	e		
	Cumulative			Annual			
	6-Month		1-Year	5-Year		10-Yea	ır
NUM at Common Share NAV	1.73	%	(0.23)%	6.46	%	5.77	%
NUM at Common Share Price	0.70	%	(4.48)%	5.79	%	6.19	%
S&P Municipal Bond Michigan Index	1.79	%	1.10 %	4.81	%	4.65	%
S&P Municipal Bond Index	1.78	%	0.61 %	4.23	%	4.36	%

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**Fund Allocation** 

(% of net assets)

Long-Term Municipal Bonds	158.5%
Other Assets Less Liabilities	1.8%
Net Assets Plus Floating Rate Obligations & VMTP Shares, net of deferred offering costs	160.3%

Floating Rate Obligations	(4.0)%
VMTP Shares, net of deferred offering costs	(56.3)%
Net Assets	100%

## Portfolio Composition

(% of total investments)

Education and Civic Organizations	22.4%
Tax Obligation/General	20.7%
Health Care	13.8%
Water and Sewer	10.5%
Tax Obligation/Limited	9.4%
U.S. Guaranteed	9.0%
Utilities	7.6%
Other	6.6%
Total	100%

## Portfolio Credit Quality

(% of total investment exposure)

r	
U.S. Guaranteed	8.1%
AAA	16.6%
AA	53.3%
A	17.3%
BBB	0.4%
BB or Lower	3.5%
N/R (not rated)	0.8%
Total	100%

NUO Nuveen Ohio Quality Municipal Income Fund
Performance Overview and Holding Summaries as of August 31, 2018

Refer to

the

Glossary

of Terms

Used in

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Report for

further

definition

of the

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Average Annual Total Returns as of August 31, 2018

				Averag	e		
	Cumulativ	e		Annual			
	6-Month		1-Year	5-Year		10-Yea	ır
NUO at Common Share NAV	1.69	%	(0.22)%	6.56	%	5.88	%
NUO at Common Share Price	(0.11	)%	(5.77)%	5.36	%	5.80	%
S&P Municipal Bond Ohio Index	2.27	%	1.44 %	5.37	%	4.84	%
S&P Municipal Bond Index	1.78	%	0.61 %	4.23	%	4.36	%

Past performance is not predictive of future results. Current performance may be higher or lower than the data shown. Returns do not reflect the deduction of taxes that shareholders may have to pay on Fund distributions or upon the sale of Fund shares. Returns at NAV are net of Fund expenses, and assume reinvestment of distributions. Comparative index return information is provided for the Fund's shares at NAV only. Indexes are not available for direct investment.

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### **Fund Allocation**

(% of net assets)

Long-Term Municipal Bonds	154.8%
Other Assets Less Liabilities	1.5%
Net Assets Plus Floating Rate Obligations & VRDP Shares, net of deferred offering costs	156.3%
Floating Rate Obligations	(6.7)%

VRDP Shares, r	et of deferred offering costs
Net Assets	

(49.6)% 100%

## Portfolio Composition

(% of total investments)	
Tax Obligation/Limited	20.8%
U.S. Guaranteed	18.8%
Tax Obligation/General	14.3%
Health Care	10.3%
Transportation	9.8%
Education and Civic Organizations	9.7%
Water and Sewer	7.6%
Other	8.7%

100%

## Portfolio Credit Quality

(% of total investment exposure)

U.S. Guaranteed	13.0%
AAA	13.0%
AA	52.6%
A	11.5%
BBB	3.1%
BB or Lower	5.8%
N/R (not rated)	1.0%
Total	100%

14

Total

NTX Nuveen Texas Quality Municipal Income Fund
Performance Overview and Holding Summaries as of August 31, 2018

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Average Annual Total Returns as of August 31, 2018

				Average	e		
	Cumulativ	e		Annual			
	6-Month		1-Year	5-Year		10-Yea	ır
NTX at Common Share NAV	1.48	%	(0.56)%	5.51	%	5.53	%
NTX at Common Share Price	(3.64	)%	(8.03)%	3.82	%	5.17	%
S&P Municipal Bond Texas Index	1.41	%	0.17 %	4.18	%	4.56	%
S&P Municipal Bond Index	1.78	%	0.61 %	4.23	%	4.36	%

Past performance is not predictive of future results. Current performance may be higher or lower than the data shown. Returns do not reflect the deduction of taxes that shareholders may have to pay on Fund distributions or upon the sale of Fund shares. Returns at NAV are net of Fund expenses, and assume reinvestment of distributions. Comparative index return information is provided for the Fund's shares at NAV only. Indexes are not available for direct investment.

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This data relates to the securities held in the Fund's portfolio of investments as of the end of the reporting period. It should not be construed as a measure of performance for the Fund itself. Holdings are subject to change. For financial reporting purposes, the ratings disclosed are the highest rating given by one of the following national rating agencies: Standard & Poor's Group, Moody's Investors Service, Inc. or Fitch, Inc. This treatment of split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Credit ratings are subject to change. AAA, AA, A and BBB are investment grade ratings; BB, B, CCC, CC, C and D are below-investment grade ratings. Holdings designated N/R are not rated by these national rating agencies.

### **Fund Allocation**

(% of net assets)

(70 01 1101 435013)	
Long-Term Municipal Bonds	157.6%
Other Assets Less Liabilities	1.1%
Net Assets Plus Floating Rate Obligations & MFP Shares, net of deferred offering costs	158.7%
Floating Rate Obligations	(10.7)%

MFP Shares, net of deferred offering costs	(48.0)%
Net Assets	100%

## Portfolio Composition

(% of total investments)	
Tax Obligation/General	20.2%
Tax Obligation/Limited	15.7%
Water and Sewer	15.2%
Transportation	13.9%
U.S. Guaranteed	10.7%
Utilities	9.9%
Education and Civic Organizations	7.4%
Other	7.0%
Total	100%

## Portfolio Credit Quality

(% of total investment exposure)

U.S. Guaranteed	9.5%
AAA	27.1%
AA	31.0%
A	22.2%
BBB	8.1%
BB or Lower	1.9%
N/R (not rated)	0.2%
Total	100%

Nuveen Arizona Quality Municipal

NAZ Income Fund Portfolio of Investments

August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	LONG-TERM INVESTMENTS – 157.2% (100.0% of Total			
	Investments)			
	MUNICIPAL BONDS – 157.2% (100.0% of Total Investments)			
	Education and Civic Organizations – 29.0% (18.4% of Total			
	Investments) Arizona Board of Regents, Arizona State University System			
\$ 2,175	Revenue Bonds, Green Series 2016B, 5.000%, 7/01/47	7/26 at 100.00	AA	\$2,460,012
1.500	Arizona Board of Regents, Arizona State University System	7/05 . 100.00		1 (01 (50
1,500	Revenue Bonds, Refunding Green Series 2015A, 5.000%, 7/01/41	7/25 at 100.00	AA	1,691,670
1,500	Arizona Board of Regents, Arizona State University System	7/25 at 100.00	AA	1,691,670
1,500	Revenue Bonds, Series 2015D, 5.000%, 7/01/41	7723 at 100.00	ЛЛ	1,071,070
2.515	Arizona Board of Regents, University of Arizona, SPEED Revenue	0/24 / 100 00		2.776.711
2,515	· · · · · · · · · · · · · · · · · · ·	8/24 at 100.00	Aa3	2,776,711
	Series 2014, 5.000%, 8/01/44 Arizona Board of Regents, University of Arizona, System Revenue			
2,240	Bonds, Tender Option Bond Trust 2015-XF0053, 13.232%, 6/01/42,	6/22 at 100.00	Aa2	2,974,093
_,_ :	144A (IF)			_,,,,,,,,
	Arizona Industrial Development Authority, Arizona, Education			
515	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2017A,	7/26 at 100.00	BB	536,336
	5.125%, 7/01/37, 144A			
505	Arizona Industrial Development Authority, Arizona, Education	7/07 / 100 00		570.005
525	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2017C, 5.000%, 7/01/47	//2/ at 100.00	AA-	578,025
	Arizona Industrial Development Authority, Arizona, Education			
150	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2017D,	7/27 at 100.00	BB	154,301
	5.000%, 7/01/47, 144A			
	Arizona Industrial Development Authority, Arizona, Education			
	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2017F:			
700	5.000%, 7/01/37	7/27 at 100.00	AA-	781,326
1,645	5.000%, 7/01/47	7/27 at 100.00	AA-	1,818,975
,	Arizona Industrial Development Authority, Arizona, Education			, ,
315	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2017G,	7/27 at 100.00	BB	324,031
	5.000%, 7/01/47, 144A			
	Arizona Industrial Development Authority, Arizona, Education			
240	Facility Revenue Bonds, Montessori Academy Projects, Refunding	11/27 at 100.00	N/R	233,498
	Series 2017A, 6.250%, 11/01/50, 144A			
375	Arizona Industrial Development Authority, Arizona, Education Revenue Bonds, Arizona Agribusiness and Equine Center, Inc.	9/27 at 100.00	BB+	375,266
373	Project, Series 2017B, 5.000%, 3/01/48, 144A	7121 at 100.00	ועם	373,200
710	, , , , , , , , , , , , , , , , , , , ,	7/27 at 100.00	AA-	780,581

	Arizona Industrial Development Authority, Arizona, Education			
	Revenue Bonds, Academies of Math & Science Projects, Series			
	2017A, 5.000%, 7/01/42			
380	Arizona Industrial Development Authority, Arizona, Education Revenue Bonds, Academies of Math & Science Projects, Series	No Opt. Call	BB	374,482
	2017B, 4.250%, 7/01/27, 144A			, ,
	Arizona Industrial Development Authority, Arizona, Education			
615	Revenue Bonds, Academies of Math & Science Projects, Series	1/28 at 100.00	AA-	681,617
	2018A, 5.000%, 7/01/38			
1.65	Arizona Industrial Development Authority, Education Revenue	<b>5</b> /10 - 101 00	N.T. (TD.	160 556
165	Bonds, Legacy Traditional School Southwest Las Vegas Nevada Campus, Series 2018, 5.250%, 7/01/22, 144A	7/19 at 101.00	N/R	163,756
	Glendale Industrial Development Authority, Arizona, Revenue			
2,000	Bonds, Midwestern University, Refunding Series 2007, 5.000%,	5/22 at 100.00	A	2,170,900
_,000	5/15/31	2,22 ut 100.00		_,170,200
	Glendale Industrial Development Authority, Arizona, Revenue			
3,775	Bonds, Midwestern University, Refunding Series 2010, 5.125%, 5/15/40	5/20 at 100.00	A+	3,951,746
	Maricopa County Industrial Development Authority, Arizona,			
870	Education Revenue Bonds, Paradise Schools Projects, Series 2016,	7/26 at 100.00	BB+	910,037
	5.000%, 7/01/36, 144A			
	Maricopa County Industrial Development Authority, Arizona,			
355	Education Revenue Bonds, Great Hearts Academies Projects, Series	7/27 at 100.00	AA-	400,561
	2017A, 5.000%, 7/01/37			
400	Maricopa County Industrial Development Authority, Arizona,	7/07 - 100 00		5.47.220
490	Education Revenue Bonds, Great Hearts Academies Projects, Series 2017C, 5.000%, 7/01/48	//2/ at 100.00	AA–	547,320
	McAllister Academic Village LLC, Arizona, Revenue Bonds,			
2,095	Arizona State University Hassayampa Academic Village Project,	7/26 at 100.00	AA-	2,375,751
2,000	Refunding Series 2016, 5.000%, 7/01/37	.,20 41 100.00		_,0,0,751
	, ,			

Principal				
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Education and Civic Organizations (continued)			
\$ 1,875	Northern Arizona University, System Revenue Bonds, Refunding Series 2014, 5.000%, 6/01/40	6/24 at 100.00	A+	\$2,073,356
910	Northern Arizona University, System Revenue Bonds, Series 2012, 5.000%, 6/01/41	6/21 at 100.00	A+	969,833
	Phoenix Industrial Development Authority, Arizona, Education			
70	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series 2016A, 5.000%, 7/01/46, 144A	7/25 at 100.00	BB	71,660
	Phoenix Industrial Development Authority, Arizona, Education			
900	Facility Revenue Bonds, Choice Academies Charter Schools Project, Series 2012, 5.625%, 9/01/42	9/22 at 100.00	BB+	935,928
	Phoenix Industrial Development Authority, Arizona, Education			
800	Facility Revenue Bonds, Great Hearts Academies Project, Series 2016A, 5.000%, 7/01/41	7/25 at 100.00	BBB-	844,864
	Phoenix Industrial Development Authority, Arizona, Education			
250	Facility Revenue Bonds, Legacy Traditional Schools East Mesa and Cadence, Nevada Campuses, Series 2017A, 4.000%, 7/01/22, 144A	7/19 at 101.00	N/R	245,128
	Phoenix Industrial Development Authority, Arizona, Education			
1.65	Facility Revenue Bonds, Legacy Traditional Schools Phoenix/East	7/10 -+ 101 00	N/D	161 704
165	Mesa and Cadence, Nevada Campuses, Series 2017B,	7/19 at 101.00	N/R	161,784
	4.000%, 7/01/22, 144A			
	Phoenix Industrial Development Authority, Arizona, Education			
500	Facility Revenue Bonds, Legacy Traditional Schools Project, Series	7/24 at 100.00	Ba1	554,320
	2014A, 6.750%, 7/01/44, 144A			
	Phoenix Industrial Development Authority, Arizona, Education			
	Facility Revenue Bonds, Legacy Traditional Schools Projects, Series 2015,			
315	5.000%, 7/01/35, 144A	7/25 at 100.00	Ba1	325,266
300	5.000%, 7/01/45, 144A 5.000%, 7/01/45, 144A	7/25 at 100.00 7/25 at 100.00	Ba1	307,113
300	Phoenix Industrial Development Authority, Arizona, Education	1123 at 100.00	Dai	307,113
650	Facility Revenue Bonds, Legacy Traditional Schools Projects, Series 2016A, 5.000%, 7/01/41, 144A	7/26 at 100.00	Ba1	671,411
	Phoenix Industrial Development Authority, Arizona, Education			
355	Facility Revenue Bonds, Villa Montessori, Inc. Projects, Series	No Opt. Call	BBB-	355,852
	2015, 3.250%, 7/01/25	rio opii cuii	222	222,322
	Phoenix Industrial Development Authority, Arizona, Lease Revenue			
1,995	Bonds, Eastern Kentucky University Project, Series 2016, 5.000%,	10/26 at 100.00	A2	2,184,705
	10/01/36			
2.675	Phoenix Industrial Development Authority, Arizona, Lease Revenue	(/00 + 100 00		2 020 672
3,675	Bonds, Rowan University Project, Series 2012, 5.000%, 6/01/42 – AGM Insured (UB) (4)	6/22 at 100.00	A	3,939,673
	Pima County Industrial Development Authority, Arizona, Charter			
200	School Revenue Bonds, Desert Heights Charter School, Series 2014, 7.250%, 5/01/44	5/24 at 100.00	N/R	215,488
	Pima County Industrial Development Authority, Arizona, Education			
	Facility Revenue Bonds, Champion Schools Project, Series 2017,			

120	6.000%, 6/15/37, 144A	6/26 at 100.00	N/R	122,830
680	6.125%, 6/15/47, 144A	6/26 at 100.00	N/R	696,170
	Pima County Industrial Development Authority, Arizona, Education			
200	Facility Revenue Bonds, Edkey Charter Schools Project, Series	7/26 at 100.00	BB–	180,540
	2016, 5.250%, 7/01/36 Pima County Industrial Development Authority, Arizona, Education			
35	Facility Revenue Bonds, San Tan Montessori School Project, Series	2/24 at 100 00	N/R	33,371
33	2016, 6.500%, 2/01/48, 144A	2/2+ at 100.00	11/1	33,371
	Pima County Industrial Development Authority, Arizona, Education			
115	Facility Revenue Bonds, San Tan Montessori School Project, Series	2/28 at 100.00	N/R	112,787
	2017, 6.750%, 2/01/50, 144A			
	Pima County Industrial Development Authority, Arizona, Education			
745	Revenue Bonds, Carden Traditional Schools Project, Series 2012,	1/22 at 100.00	В	680,282
	7.500%, 1/01/42			
500	Pima County Industrial Development Authority, Arizona, Education	6/25 at 100.00	DD	500 200
300	Revenue Bonds, Noah Webster Schools? Mesa Project, Series 2015A, 5.000%, 12/15/34, 144A	0/23 at 100.00	BB	500,280
	Pinal County Community College District, Arizona, Revenue Bonds,			
730	Central Arizona College, Series 2017, 5.000%, 7/01/35 – BAM	7/26 at 100.00	AA	826,199
	Insured			
	Student and Academic Services LLC, Arizona, Lease Revenue			
780	Bonds, Northern Arizona University Project, Series 2014, 5.000%,	6/24 at 100.00	AA	852,610
	6/01/39 – BAM Insured			
250	Sun Devil Energy LLC, Arizona, Revenue Refunding Bonds,	No Opt. Call	AA-	276,003
	Arizona State University Project, Series 2008, 5.000%, 7/01/22	1		ĺ
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Nuveen Arizona Quality Municipal Income Fund Portfolio of Investments (continued)

NAZAugust 31, 2018 (Unaudited)

Principal		Optional Call	Ratings	X7.1
Amount (000)	Description (1)	Provisions (2)	(3)	Value
(000)	Education and Civic Organizations (continued)			
	The Industrial Development Authority of the County of Maricopa,			
	Arizona, Education Revenue Bonds, Reid Traditional School			
	Projects, Series 2016,			
\$520	5.000%, 7/01/36	7/26 at 100.00	Baa3	\$548,168
300	5.000%, 7/01/47	7/26 at 100.00	Baa3	312,585
43,785	Total Education and Civic Organizations			47,750,871
	Health Care – 17.5% (11.2% of Total Investments)			
1,200	Arizona Health Facilities Authority, Hospital Revenue Bonds,	1/24 at 100.00	AA-	1,312,260
1,200	Banner Health Systems, Series 2014A, 5.000%, 1/01/44	1/2 / 40 100.00	7 17 1	1,312,200
	Arizona Health Facilities Authority, Hospital System Revenue			
5,100	Bonds, Phoenix Children's Hospital, Refunding Series 2012A,	2/22 at 100.00	A+	5,355,153
	5.000%, 2/01/42			
	Arizona Health Facilities Authority, Revenue Bonds, Scottsdale			
2.005	Lincoln Hospitals Project, Refunding Series 2014A,	12/24 + 100.00	4.0	2 212 141
3,005	5.000%, 12/01/39 5.000%, 12/01/42	12/24 at 100.00	A2	3,312,141
2,860	5.000%, 12/01/42 Mariana County Industrial Dayslanment Authority, Arizona	12/24 at 100.00	A2	3,145,514
	Maricopa County Industrial Development Authority, Arizona, Revenue Bonds, Banner Health, Refunding Series 2016A,			
1,250	5.000%, 1/01/32	1/27 at 100.00	AA-	1,436,825
1,000	5.000%, 1/01/35 5.000%, 1/01/35	1/27 at 100.00	AA-	1,430,823
2,000	5.000%, 1/01/38	1/27 at 100.00	AA-	2,251,780
2,000	Scottsdale Industrial Development Authority, Arizona, Hospital	1/2/ 41 100.00	7 17 1	2,231,700
1,120	Revenue Bonds, Scottsdale Healthcare, Series 2006C. Re-offering,	9/20 at 100.00	AA	1,180,917
-,	5.000%, 9/01/35 – AGC Insured	,, <u> </u>		-,,
	The Industrial Development Authority of the County of Maricopa,			
	Arizona, Revenue Bonds, Banner Health, Series 2017A,			
2,000	5.000%, 1/01/41	1/28 at 100.00	AA-	2,269,120
2,700	4.000%, 1/01/41	1/28 at 100.00	AA-	2,784,780
	Yavapai County Industrial Development Authority, Arizona,			
1,025	Hospital Facility Revenue Refunding Bonds, Yavapai Regional	8/26 at 100.00	A	1,128,863
	Medical Center, Series 2016, 5.000%, 8/01/36			
	Yavapai County Industrial Development Authority, Arizona,			
	Hospital Revenue Bonds, Yavapai Regional Medical Center, Series			
	2013A,			
210	5.000%, 8/01/19	No Opt. Call	A	215,506
1,000	5.250%, 8/01/33	8/23 at 100.00	A	1,095,210
	Yuma Industrial Development Authority, Arizona, Hospital			
1.000	Revenue Bonds, Yuma Regional Medical Center, Series 2014A,	N - O - + C 11	<b>A</b>	1.007.140
1,000	5.000%, 8/01/22 5.250%, 8/01/22	No Opt. Call	A-	1,097,140
1,000	5.250%, 8/01/32 Total Health Core	8/24 at 100.00	A–	1,132,480
20,470	Total Health Care			28,854,509

	Long-Term Care – 1.9% (1.2% of Total Investments) Arizona Industrial Development Authority, Multifamily Housing			
285	Revenue Bonds, Bridgewater Avondale Project, Series 2017,	7/25 at 101.00	N/R	281,104
	5.375%, 1/01/38			
	Phoenix Industrial Development Authority, Arizona, Multi-Family			
1,885	Housing Revenue Bonds, 3rd and Indian Road Assisted Living	10/25 at 101.00	N/R	1,900,853
	Project, Series 2016, 5.400%, 10/01/36			
700	Tempe Industrial Development Authority, Arizona, Revenue	10/01 / 100 00	NI/D	022.750
780	Bonds, Friendship Village of Tempe Project, Refunding Series	12/21 at 100.00	N/R	832,759
	2012A, 6.000%, 12/01/32			
80	Tempe Industrial Development Authority, Arizona, Revenue Bonds, Mirabella at ASU Project, Series 2017A, 6.125%, 10/01/47,	10/27 of 100 00	N/R	88,587
80	144A	10/2/ at 100.00	11/11	00,507
3,030	Total Long-Term Care			3,103,303
3,030	Tax Obligation/General – 18.8% (11.9% of Total Investments)			3,103,303
	Buckeye Union High School District 201, Maricopa County,			
575	Arizona, General Obligation Bonds, School Improvement Project,	7/27 at 100.00	AA	652,090
	Refunding Series 2017, 5.000%, 7/01/35 – BAM Insured			,
	Casa Grande, Arizona, General Obligation Bonds, Refunding			
	Series 2016B,			
1,605	4.000%, 8/01/33	8/26 at 100.00	AA-	1,692,874
835	4.000%, 8/01/34	8/26 at 100.00	AA-	878,328
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$2,500	Tax Obligation/General (continued) Chandler, Arizona, General Obligation Bonds, Refunding Series 2014, 5.000%, 7/01/24 Dysart Unified School District Number 89, Maricopa County, Arizona, General Obligation Bonds, Refunding	No Opt. Call	AAA	\$2,895,300
1,000	Series 2014, 5.000%, 7/01/26	7/24 at 100.00	AAA	1,134,060
525	5.000%, 7/01/27	7/24 at 100.00	AAA	592,652
2,140	El Mirage, Arizona, General Obligation Bonds Series 2012, 5.000%, 7/01/42 – AGM Insured	7/22 at 100.00	AA	2,314,303
1,000	Maricopa County Elementary School District 83 Cartwright, Arizona, General Obligation Bonds, School Improvement, Project 2010, Series 2011A, 5.375%, 7/01/30 – AGM Insured	7/21 at 100.00	AA	1,084,670
630	Maricopa County School District 214 Tolleson Union High, Arizona, General Obligation Bonds, School Improvement Project 2017, Series 2018A, 5.000%, 7/01/37	7/27 at 100.00	Aa1	726,478
775	Maricopa County School District 79 Litchfield Elementary, Arizona, General Obligation Bonds, Series 2011, 5.000%, 7/01/23	7/21 at 100.00	Aa2	840,247
300	Maricopa County Unified School District 60 Higley, Arizona, General Obligation Bonds, School Improvement Project of 2013, Series 2016C, 4.000%, 7/01/33 – AGM Insured	7/26 at 100.00	AA	318,402
1,350	Maricopa County Unified School District 95 Queen Creek, Arizona, General Obligation Bonds, School Improvement Series 2018, 5.000%, 7/01/36	7/25 at 102.00	Aa3	1,538,339
1,275	Maricopa County Union High School District 210 Phoenix, Arizona, General Obligation Bonds, School Improvement & Project of 2011 Series 2017E, 5.000%, 7/01/33 Mohave County Union High School District 2 Colorado River, Arizona, General Obligation Bonds, School	7/27 at 100.00	AAA	1,488,537
	Improvement Series 2017,			
1,000	5.000%, 7/01/34	7/27 at 100.00	Aa3	1,145,630
1,000	5.000%, 7/01/36	7/27 at 100.00	Aa3	1,135,710
690	Northwest Fire District of Pima County, Arizona, General Obligation Bonds, Series 2017, 5.000%, 7/01/36	7/27 at 100.00	AA-	796,819
1,370	Pima County Continental Elementary School District 39, Arizona, General Obligation Bonds, Series 2011A, 6.000%, 7/01/30 – AGM Insured	7/21 at 100.00	AA	1,509,274
2,895	Pima County Unified School District 12 Sunnyside, Arizona, General Obligation Bonds, School Improvement Project 2011, Series 2014D, 5.000%, 7/01/34 – AGM Insured	7/24 at 100.00	AA	3,213,508
1,750	Pima County Unified School District 6 Marana, Arizona, General Obligation Bonds, School Improvement Project	7/21 at 100.00	A	1,878,345

1,500	2010 Series 2011A, 5.000%, 7/01/25 Pima County Unified School District 6 Marana, Arizona, General Obligation Bonds, School Improvement Project of 2014, Series 2017C, 5.000%, 7/01/36 – BAM Insured Pinal County School District 4 Casa Grande Elementary, Arizona, General Obligation Bonds, School improvement Project 2016, Series 2017A,	7/27 at 100.00	AA	1,720,950
620	5.000%, 7/01/34 – BAM Insured	7/27 at 100.00	AA	702,615
1,000	5.000%, 7/01/35 – BAM Insured	7/27 at 100.00	AA	1,129,970
1,000	Western Maricopa Education Center District 402, Maricopa	7727 at 100.00	1111	1,120,070
	County, Arizona, General Obligation Bonds, School			
	Improvement Project 2012, Series2014B,			
715	4.500%, 7/01/33	7/24 at 100.00	AA-	771,478
665	4.500%, 7/01/34	7/24 at 100.00	AA-	716,059
27,715	Total Tax Obligation/General			30,876,638
	Tax Obligation/Limited – 30.5% (19.4% of Total			
	Investments)			
	Arizona Sports and Tourism Authority, Tax Revenue			
2,310	Bonds, Multipurpose Stadium Facility Project, Refunding Senior Series 2012A, 5.000%, 7/01/36	7/22 at 100.00	A1	2,431,991
1,250	Arizona State Transportation Board, Highway Revenue Bonds, Refunding Series 2016, 5.000%, 7/01/35	7/26 at 100.00	AAA	1,438,150
275	Buckeye, Arizona, Excise Tax Revenue Obligations, Refunding Series 2016, 4.000%, 7/01/36	7/26 at 100.00	AA-	285,665
	Buckeye, Arizona, Excise Tax Revenue Obligations, Series			
1,000	2015, 5.000%, 7/01/37	7/25 at 100.00	AA	1,118,590
	Cahava Springs Revitalization District, Cave Creek,			
135	Arizona, Special Assessment Bonds, Series 2017A,	7/27 at 100.00	N/R	137,647
133	7.000%, 7/01/41, 144A	7,27 at 100.00	1,710	137,017
	Eastmark Community Facilities District 1, Mesa, Arizona,			
1,210	General Obligation Bonds, Series 2015, 5.000%, 7/15/39,	7/25 at 100.00	N/R	1,238,846
	144A			
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Nuveen Arizona Quality Municipal Income Fund Portfolio of Investments (continued)

NAZAugust 31, 2018 (Unaudited)

Principal				
Amount	Description (1)	Optional Call	Ratings	Value
(000)		Provisions (2)	(3)	
	Tax Obligation/Limited (continued)			
	Eastmark Community Facilities District 1, Mesa, Arizona, Special			
\$ 488	Assessment Revenue Bonds, Assessment District 1, Series 2013,	7/23 at 100.00	N/R	\$497,950
	5.250%, 7/01/38			
1 010	Eastmark Community Facilities District No. 1, Arizona, General	7/27 -+ 100 00	A A	2.012.222
1,810	Obligation Bonds, Series 2017, 5.000%, 7/15/42 – AGM Insured	7/27 at 100.00	AA	2,012,322
	Estrella Mountain Ranch Community Facilities District, Goodyear,			
655	Arizona, General Obligation Bonds, Refunding Series 2017,	7/27 at 100.00	AA	731,386
	5.000%, 7/15/32 – AGM Insured			
	Festival Ranch Community Facilities District, Buckeye, Arizona,			
	General Obligation Bonds, Series 2012,			
345	5.000%, 7/15/27 – BAM Insured	7/22 at 100.00	AA	372,845
1,085	5.000%, 7/15/31 – BAM Insured	7/22 at 100.00	AA	1,167,623
,	Festival Ranch Community Facilities District, Buckeye, Arizona,			,,.
500	General Obligation Bonds, Series 2016, 4.000%, 7/15/36 – BAM	7/26 at 100.00	AA	518,080
	Insured	7,20 00 100.00		210,000
	Festival Ranch Community Facilities District, Buckeye, Arizona,			
1,000	General Obligation Bonds, Series 2017, 5.000%, 7/15/37 – BAM	7/27 at 100.00	AA	1,113,390
1,000	Insured	7,2, 40 100,00		1,110,000
	Festival Ranch Community Facilities District, Buckeye, Arizona,			
415	Special Assessment Revenue Bonds, Assessment District 11, Series	7/27 at 100 00	N/R	423,802
.15	2017, 5.200%, 7/01/37	7727 46 100.00	1 1/11	.22,002
	Festival Ranch Community Facilities District, City of Buckeye,			
590	Arizona, General Obligation Bonds, Series 2018, 5.000%, 7/15/38 –	7/27 at 100 00	AA	661,201
270	BAM Insured	7727 46 100.00	1111	001,201
	Goodyear Community Facilities Utilities District 1, Arizona,			
600	General Obligation Bonds, Refunding Series 2016, 4.000%, 7/15/32	7/26 at 100.00	A1	630,552
	Goodyear, Arizona, Community Facilities General District 1,			
1,500	Arizona, General Obligation Refunding Bonds, Series 2013,	No Opt. Call	A-	1,629,405
1,500	5.000%, 7/15/23	rvo opt. can	2.1	1,029,103
	Government of Guam, Business Privilege Tax Bonds, Refunding			
1,500	Series 2015D, 5.000%, 11/15/39	11/25 at 100.00	A	1,635,960
	Government of Guam, Business Privilege Tax Bonds, Series			
	2011A,			
510	5.000%, 1/01/31	1/22 at 100.00	A	537,209
200	5.125%, 1/01/42	1/22 at 100.00	A	209,972
200	Government of Guam, Business Privilege Tax Bonds, Series	1/22 at 100.00	71	207,712
1,500	2012B-1, 5.000%, 1/01/37	1/22 at 100.00	A	1,569,435
	Guam Government, Limited Obligation Section 30 Revenue Bonds,			
1,250	Series 2016A, 5.000%, 12/01/46	12/26 at 100.00	BBB+	1,366,288
	Marana, Arizona, Pledged Excise Tax Revenue Bonds, Refunding			
1,425	Series 2013, 5.000%, 7/01/33	7/23 at 100.00	AA	1,583,788
	20100 2010, 0.000 10, 1101100			

65	Merrill Ranch Community Facilities District 1, Florence, Arizona, General Obligation Bonds, Series 2008A, 7.400%, 7/15/33	11/18 at 100.00	BBB-	65,190
200	Merrill Ranch Community Facilities District 2, Florence, Arizona, General Obligation Bonds, Series 2016, 5.000%, 7/15/31	7/26 at 100.00	BBB	222,780
385	Merrill Ranch Community Facilities District 2, Florence, Arizona, General Obligation Bonds, Series 2017, 5.000%, 7/15/42 – BAM Insured	7/27 at 100.00	AA	424,031
300	Page, Arizona, Pledged Revenue Bonds, Refunding Series 2011, 5.000%, 7/01/26	7/21 at 100.00	AA-	323,625
400	Parkway Community Facilities District 1, Prescott Valley, Arizona, General Obligation Bonds, Series 2006, 5.350%, 7/15/31	11/18 at 100.00	N/R	351,388
2,500	Phoenix Industrial Development Authority, Arizona, Education Facility Revenue Bonds, JMF-Higley 2012 LLC Project, Series 2012, 5.000%, 12/01/36	12/22 at 100.00	A	2,691,325
580	Phoenix Mesa Gateway Airport Authority, Arizona, Special Facility Revenue Bonds, Mesa Project, Series 2012, 5.000%, 7/01/38 (Alternative Minimum Tax)	7/22 at 100.00	AA+	619,191
565	Pinal County Industrial Development Authority, Arizona, Correctional Facilities Contract Revenue Bonds, Florence West Prison LLC, Series 2002A, 5.000%, 10/01/18 – ACA Insured	No Opt. Call	BBB-	565,407
1,000	Pinal County, Arizona, Pledged Revenue Obligations, Series 2014, 5.000%, 8/01/33	8/24 at 100.00	AA	1,124,750
	Queen Creek, Arizona, Excise Tax & State Shared Revenue Obligation Bonds, Refunding Series 2016,			
540	4.000%, 8/01/34	8/26 at 100.00	AA	568,021
545	4.000%, 8/01/36	8/26 at 100.00	AA	570,184
1,740	Queen Creek, Arizona, Excise Tax & State Shared Revenue Obligation Bonds, Series 2018A, 5.000%, 8/01/42	8/28 at 100.00	AA	2,005,628

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$1,000	Tax Obligation/Limited (continued) Regional Public Transportation Authority, Arizona, Transportation Excise Tax Revenue Bonds, Maricopa County Public Transportation Fund Series 2014, 5.250%, 7/01/22	No Opt. Call	AA+	\$1,120,560
1 400	San Luis, Arizona, Pledged Excise Tax Revenue Bonds, Refunding Series2014A,	7/24 at 100 00	A A	1 560 270
1,400	5.000%, 7/01/34 – BAM Insured	7/24 at 100.00	AA	1,560,370
2,100	5.000%, 7/01/38 – BAM Insured	7/24 at 100.00	AA	2,323,944
3,000	Scottsdale Municipal Property Corporation, Arizona, Excise Tax Revenue Bonds, Refunding Series 2006, 5.000%, 7/01/24	No Opt. Call	AAA	3,465,480
1,320	Scottsdale Municipal Property Corporation, Arizona, Excise Tax Revenue Bonds, Refunding Series 2017, 5.000%, 7/01/36 Tempe, Arizona, Excise Tax Revenue Bonds, Refunding	7/27 at 100.00	AAA	1,539,952
	Series 2016,			
310	5.000%, 7/01/28	7/26 at 100.00	AAA	361,389
500	5.000%, 7/01/29	7/26 at 100.00	AAA	580,585
2,505	Tempe, Arizona, Transit Excise Tax Revenue Obligation Bonds, Refunding Series 2012, 5.000%, 7/01/37	7/22 at 100.00	AAA	2,746,232
1,750	Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan Note, Refunding Series 2012A, 4.000%, 10/01/22 – AGM Insured	No Opt. Call	AA	1,776,320
750	Vistancia West Community Facilities District, Peoria, Arizona, General Obligation Bonds, Series 2016, 3.250%, 7/15/25, 144A	7/21 at 100.00	N/R	704,843
1,300	Watson Road Community Facilities District, Arizona, Special Assessment Revenue Bonds, Series 2005, 6.000%, 7/01/30	11/18 at 100.00	N/R	1,251,250
46,308	Total Tax Obligation/Limited Transportation – 6.1% (3.9% of Total Investments) Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Junior Lien Series 2015A,			50,274,542
910	5.000%, 7/01/40	7/25 at 100.00	A+	1,012,584
2,185	5.000%, 7/01/45 Phoenix Civic Improvement Corporation, Arizona, Airport Revenue Bonds, Refunding Senior Lien Series 2013,	7/25 at 100.00	A+	2,424,236
1,785	5.000%, 7/01/30 (Alternative Minimum Tax)	7/23 at 100.00	AA-	1,964,303
2,215	5.000%, 7/01/32 (Alternative Minimum Tax)	7/23 at 100.00	AA-	2,431,206
_,	Phoenix Civic Improvement Corporation, Arizona, Airport	20 100.00		<u></u>
2,000	Revenue Bonds, Senior Lien Series 2017A, 5.000%, 7/01/42 (Alternative Minimum Tax)	7/27 at 100.00	AA-	2,235,580
9,095	Total Transportation U.S. Guaranteed – 18.5% (11.8% of Total Investments) (5)			10,067,909
3,480		7/22 at 100.00	AA	3,864,958

	Arizona Board of Regents, Arizona State University System Revenue Bonds, Refunding Series 2013A, 5.000%, 7/01/43			
	(Pre-refunded 7/01/22)			
1,025	Arizona State Transportation Board, Highway Revenue Bonds, Refunding Subordinate Series 2011A, 5.000%, 7/01/36 (Pre-refunded 7/01/21)	7/21 at 100.00	AA+	1,113,068
	Phoenix Civic Improvement Corporation, Arizona, Airport			
180	Revenue Bonds, Junior Lien Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+	190,609
	(Pre-refunded 7/01/20)			
	Phoenix Industrial Development Authority, Arizona,			
585	Education Facility Revenue Bonds, Great Hearts Academies	<sup>-</sup> 7/21 at 100.00	N/R	655,212
	vertias Project, Series 2012, 0.500%, 7/01/42 (Pre-refunded			
	7/01/21) Phoenix Industrial Development Authority, Arizona,			
	Education Facility Revenue Bonds, Painted Rock Academy			
1,045	Charter School Project, Series 2012A, 7.500%, 7/01/42	7/20 at 100.00	N/R	1,150,273
	(Pre-refunded 7/01/20)			
	Pima County Industrial Development Authority, Arizona,			
	Education Revenue Bonds, Paradise Education Center			
<b>7.15</b>	Project, Series 2010,	6/10 - 100 00	D.D.	7.60.570
745	6.000%, 6/01/40 (Pre-refunded 6/01/19)	6/19 at 100.00	BB+	768,572
550	6.100%, 6/01/45 (Pre-refunded 6/01/19) Pima County Unified School District 8 Flowing Wells,	6/19 at 100.00	BB+	567,804
	Arizona, General Obligation Bonds, School Improvement			
1,000	Project 2008 Series 2011B, 5.375%, 7/01/29 (Pre-refunded	7/20 at 100.00	A+	1,064,710
	7/01/20)			
	Pinal County Electrical District 3, Arizona, Electric System			
1,800	Revenue Bonds, Refunding Series 2011, 5.250%, 7/01/36	7/21 at 100.00	A	1,966,968
	(Pre-refunded 7/01/21)			

Nuveen Arizona Quality Municipal Income Fund Portfolio of Investments (continued) NAZAugust 31, 2018 (Unaudited)

Principal		Ontional Call	Datings	
Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)		Tiovisions (2)	(3)	
	U.S. Guaranteed (5) (continued)			
	Scottsdale Municipal Property Corporation, Arizona, Excise			
\$5,000	Tax Revenue Bonds, Water & Sewer Improvements Project,	7/20 at 100.00	AAA	\$5,294,700
	Series 2010, 5.000%, 7/01/36 (Pre-refunded 7/01/20)			
	Scottsdale, Arizona, General Obligation Bonds, Preserve			
	Acquisition, Project 2004 Series 2011,			
1,310	5.000%, 7/01/32 (Pre-refunded 7/01/21)	7/21 at 100.00	AAA	1,422,555
1,360	5.000%, 7/01/33 (Pre-refunded 7/01/21)	7/21 at 100.00	AAA	1,476,851
1,705	5.000%, 7/01/34 (Pre-refunded 7/01/21)	7/21 at 100.00	AAA	1,851,494
	Surprise Municipal Property Corporation, Arizona,			
	Wastewater System Revenue Bonds, Series 2007,			
605	4.700%, 4/01/22 (Pre-refunded 10/01/18)	10/18 at	A+	606,379
003	4.700%, 4701/22 (Fic-refunded 10/01/16)	100.00	Ат	000,379
1,970	4.900%, 4/01/32 (Pre-refunded 10/01/18)	10/18 at	A+	1,974,767
1,970	4.900%, 4701/32 (Fic-refunded 10/01/16)	100.00	Ат	1,974,707
	Tempe, Arizona, Transit Excise Tax Revenue Obligation			
1,495	Bonds, Refunding Series 2012, 5.000%, 7/01/37 (Pre-refunded	1 7/22 at 100.00	N/R	1,657,462
	7/01/22)			
	University Medical Center Corporation, Tucson, Arizona,			
2,585	Hospital Revenue Bonds, Series 2011, 6.000%, 7/01/39	7/21 at 100.00	N/R	2,870,281
	(Pre-refunded 7/01/21)			
	University Medical Center Corporation, Tucson, Arizona,			
	Hospital Revenue Bonds, Series 2013,			
200	5.000%, 7/01/19 (ETM)	No Opt. Call	N/R	205,278
800	5.000%, 7/01/20 (ETM)	No Opt. Call	N/R	844,928
	Yavapai County Industrial Development Authority, Arizona,			
825	Education Revenue Bonds, Arizona Agribusiness and Equine	3/21 at 100.00	BB+	945,145
023	Center, Inc. Project, Series 2011, 7.875%, 3/01/42	3/21 dt 100.00	ישם	745,145
	(Pre-refunded 3/01/21)			
28,265	Total U.S. Guaranteed			30,492,014
	Utilities – 22.6% (14.4% of Total Investments)			
	Apache County Industrial Development Authority, Arizona,			
1,495	Pollution Control Revenue Bonds, Tucson Electric Power	3/22 at 100.00	A–	1,592,758
	Company, Series 20102A, 4.500%, 3/01/30			
1,100	Guam Power Authority, Revenue Bonds, Series 2014A,	10/24 at	AA	1,200,210
1,100	5.000%, 10/01/39	100.00		1,200,210
	Maricopa County Pollution Control Corporation, Arizona,			
4,310	Pollution Control Revenue Refunding Bonds, Southern	6/20 at 100.00	Aa3	4,507,872
	California Edison Company, Series 2000A, 5.000%, 6/01/35			
8,750	Mesa, Arizona, Utility System Revenue Bonds, Series 2018,	7/28 at 100.00	Aa2	10,116,050
	5.000%, 7/01/42 (UB) (4)			
695		7/26 at 100.00	A	784,009

	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series 2016, 5.000%, 7/01/35 Salt River Project Agricultural Improvement and Power			
1,500	District, Arizona, Electric System Revenue Bonds, Refunding	6/25 at 100.00	Aa1	1,708,230
	Series 2015A, 5.000%, 12/01/36			
	Salt River Project Agricultural Improvement and Power			
	District, Arizona, Electric System Revenue Bonds, Series			
2,000	2017A, 5.000%, 1/01/38	1/28 at 100.00	Aa1	2,331,960
500	5.000%, 1/01/38	1/28 at 100.00	Aa1 Aa1	582,100
300	Salt Verde Financial Corporation, Arizona, Senior Gas	1/26 at 100.00	Aai	362,100
	Revenue Bonds, Citigroup Energy Inc. Prepay Contract			
	Obligations, Series 2007:			
4,500	5.500%, 12/01/29	No Opt. Call	BBB+	5,437,215
5,665	5.000%, 12/01/37	No Opt. Call	BBB+	6,732,566
	Yuma County Industrial Development Authority, Arizona,	•		
2,370	Exempt Revenue Bonds, Far West Water & Sewer Inc.	11/18 at	N/R	2,229,269
2,370	Refunding, Series 2007A, 6.375%, 12/01/37 (Alternative	100.00	11/1	2,229,209
	Minimum Tax)			
32,885	Total Utilities			37,222,239
	Water and Sewer – 12.3% (7.8% of Total Investments)			
1 000	Central Arizona Water Conservation District, Arizona, Water	1/06 100.00		1 125 100
1,000	Delivery O&M Revenue Bonds, Series 2016, 5.000%, 1/01/36	1/26 at 100.00	AA+	1,135,480
500	Glendale, Arizona, Water and Sewer Revenue Bonds,	7/22 at 100.00	ΔΔ	550,075
300	Refunding Series 2012, 5.000%, 7/01/28	7722 at 100.00	1111	330,073
	Goodyear, Arizona, Water and Sewer Revenue Obligations,			
785	Refunding Subordinate Lien Series 2016, 5.000%, 7/01/45 –	7/26 at 100.00	AA	878,030
	AGM Insured			
2,855	Goodyear, Arizona, Water and Sewer Revenue Obligations, Series 2010, 5.625%, 7/01/39	7/20 at 100.00	Aa3	3,041,317
500	Goodyear, Arizona, Water and Sewer Revenue Obligations, Subordinate Lien Series 2011, 5.500%, 7/01/41	7/21 at 100.00	AA	546,620
22				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Water and Sewer (continued) Guam Government Waterworks Authority, Water and Wastewater System Revenue Bonds, Refunding Series 2017,			
\$ 665	5.000%, 7/01/36	7/27 at 100.00	A-	\$ 737,990
500	5.000%, 7/01/40	7/27 at 100.00	A–	552,085
	Guam Government Waterworks Authority, Water and			, , , , , , ,
545	Wastewater System Revenue Bonds, Series 2013, 5.250%, 7/01/33	7/23 at 100.00	A–	589,723
	Lake Havasu City, Arizona, Wastewater System			
1,125	Revenue Bonds, Refunding Senior Lien Series 2015A, 5.000%, 7/01/36 – AGM Insured	7/25 at 100.00	AA	1,262,093
	Phoenix Civic Improvement Corporation, Arizona,			
1,135	Wastewater System Revenue Bonds, Refunding Junior Lien Series 2014, 5.000%, 7/01/29	7/24 at 100.00	AA+	1,291,119
	Phoenix Civic Improvement Corporation, Arizona,			
2,000	Water System Revenue Bonds, Junior Lien	7/24 at 100.00	AAA	2,234,800
	Series 2014A, 5.000%, 7/01/39			
	Phoenix Civic Improvement Corporation, Arizona,			
	Water System Revenue Bonds, Refunding Junior Lien	1		
1.250	Series 2001,	N - O-4 C-11		1 275 050
1,250	5.500%, 7/01/21 – FGIC Insured	No Opt. Call	AAA	1,375,950
1,040	5.500%, 7/01/22 – FGIC Insured	No Opt. Call	AAA	1,176,136
1,500	Pima County, Arizona, Sewer System Revenue Obligations, Series 2012A, 5.000%, 7/01/26	7/22 at 100.00	AA	1,653,120
1,000	Pima County, Arizona, Sewer System Revenue Obligations, Series 2014, 5.000%, 7/01/22	No Opt. Call	AA	1,109,840
	Surprise, Arizona, Utility System Revenue Bonds,			
	Refunding Senior Lien Series 2018,			
500	5.000%, 7/01/35	7/28 at 100.00	AA+	585,900
805	5.000%, 7/01/36	7/28 at 100.00	AA+	941,802
500	Tucson, Arizona, Water System Revenue Bonds, Refunding Series 2013A, 5.000%, 7/01/23	No Opt. Call	AA	567,380
18,205	Total Water and Sewer			20,229,460
\$235,758	Total Long-Term Investments (cost \$249,151,243) Floating Rate Obligations – (5.9)%			258,871,485 (9,755,000)
	Variable Rate MuniFund Term Preferred Shares, net			(88,293,193)
	of deferred offering costs – (53.6)% (6)			, , , , ,
	Other Assets Less Liabilities – 2.3% Net Assets Applicable to Common Shares – 100%			3,822,361 \$164,645,653

<sup>(1)</sup> All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.

<sup>(2)</sup> Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject

- to periodic principal paydowns.
- For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of
- (3) split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (5) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
- (6) Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 34.1%.
  - Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These
- 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
  - Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies
- IF inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.

  Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
- UB Statements, Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

Nuveen Michigan Quality Municipal
NUM Income Fund
Portfolio of Investments

August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	LONG-TERM INVESTMENTS – 158.5% (100.0% of Total			
	Investments)			
	MUNICIPAL BONDS – 158.5% (100.0% of Total Investments)			
	Consumer Staples – 4.8% (3.0% of Total Investments)			
	Michigan Tobacco Settlement Finance Authority, Tobacco			
\$6,000	Settlement Asset-Backed Revenue Bonds, Senior Lien Series 2007A, 6.000%, 6/01/34	10/18 at 100.00	В–	\$6,028,260
	Michigan Tobacco Settlement Finance Authority, Tobacco			
8,650	Settlement Asset-Backed Revenue Bonds, Series 2008A, 6.875%, 6/01/42	10/18 at 100.00	B2	8,665,483
14,650	Total Consumer Staples			14,693,743
	Education and Civic Organizations – 35.4% (22.4% of Total			
	Investments)			
1,220	Central Michigan University Board of Trustees, General Revenue Bonds, Refunding Series 2014, 5.000%, 10/01/39	10/24 at 100.00	Aa3	1,376,160
1 000	Conner Creek Academy East, Michigan, Public School Revenue	11/18 at 100.00	В	863,030
1,000	Bonds, Series 2007, 5.250%, 11/01/36 Detroit Community High School, Michigan, Public School			
1,255	Academy Revenue Bonds, Series 2005, 5.750%, 11/01/30	11/18 at 100.00	В–	796,423
	Eastern Michigan University, General Revenue Bonds,			
	Refunding Series 2017A:			
1,100	5.000%, 3/01/33 – BAM Insured	3/27 at 100.00	AA	1,248,786
2,270	5.000%, 3/01/36 – BAM Insured	3/27 at 100.00	AA	2,555,453
7,665	Eastern Michigan University, General Revenue Bonds, Series 2018A, 4.000%, 3/01/44 – AGM Insured	3/28 at 100.00	AA	7,755,599
2,250	Ferris State University, Michigan, General Revenue Bonds, Refunding Series 2016, 5.000%, 10/01/41	10/26 at 100.00	A+	2,515,680
	Grand Valley State University, Michigan, General Revenue		Αт	
500	Bonds, Refunding Series 2014B, 5.000%, 12/01/28	12/24 at 100.00	A+	567,445
	Lake Superior State University Board of Trustees, Michigan,			
	General Revenue Bonds, Series 2018:			
2,395	5.000%, 1/15/38 – AGM Insured	1/28 at 100.00	AA	2,675,502
4,000	5.000%, 1/15/43 – AGM Insured	1/28 at 100.00	AA	4,441,520
	Michigan Finance Authority, Higher Education Limited			
3,500	Obligation Revenue Bonds, Kalamazoo College Project,	12/28 at 100.00	A1	3,948,315
	Refunding Series 2018, 5.000%, 12/01/43			
	Michigan Finance Authority, Public School Academy Revenue		_	
990	Bonds, Detroit Service Learning Academy Project, Refunding	10/21 at 100.00	В	953,103
1.1=0	Series 2011, 7.000%, 10/01/31	0/10 - 100 00		1 150 725
1,170	Michigan Higher Education Facilities Authority, Limited	9/18 at 100.00	N/R	1,170,527
	Obligation Revenue Refunding Bonds, Kettering University,			

	Series 2001, 5.000%, 9/01/26 – AMBAC Insured			
	Michigan Public Educational Facilities Authority, Charter			
235	School Revenue Bonds, American Montessori Academy, Series	11/18 at 100.00	N/R	234,986
	2007, 6.500%, 12/01/37			,
	Michigan State University, General Revenue Bonds, Refunding			
5,000	Series 2010C, 5.000%, 2/15/40	2/20 at 100.00	AA	5,195,750
	Michigan State University, General Revenue Bonds, Series			
7,790	2013A, 5.000%, 8/15/41	8/23 at 100.00	AA	8,636,850
000	Michigan State University, General Revenue Bonds, Series	0.05 . 100.00		005.664
800	2015A, 5.000%, 8/15/27	8/25 at 100.00	AA	925,664
2.600	Michigan Technological University, General Revenue Bonds,	10/21 -+ 100 00	A 1	2.071.226
3,690	Refunding Series 2012A, 5.000%, 10/01/34	10/21 at 100.00	A1	3,971,326
	Northern Michigan University, General Revenue Bonds, Series			
	2018A:			
400	5.000%, 12/01/33	6/28 at 100.00	A1	460,180
650	5.000%, 12/01/35	6/28 at 100.00	A1	743,113
	Oakland University, Michigan, General Revenue Bonds, Series			
	2016:			
1,400	5.000%, 3/01/41	3/26 at 100.00	A1	1,549,926
4,000	5.000%, 3/01/47	3/26 at 100.00	A1	4,406,080
	Saginaw Valley State University, Michigan, General Revenue	7/26 -4 100 00	Α 1	002.620
810	Bonds, Refunding Series 2016A, 5.000%, 7/01/35	7/26 at 100.00	A1	903,620
24				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Education and Civic Organizations (continued) University of Michigan, General Revenue Bonds, Refunding Series 2017A:			
\$2,000	5.000%, 4/01/34	4/27 at 100.00	AAA	\$2,339,860
2,000	5.000%, 4/01/35	4/27 at 100.00	AAA	2,333,220
1,065	5.000%, 4/01/36	4/27 at 100.00	AAA	1,238,915
2,000	5.000%, 4/01/42	4/27 at 100.00	AAA	2,308,500
4,000	University of Michigan, General Revenue Bonds, Series 2014A, 5.000%, 4/01/44	4/24 at 100.00	AAA	4,537,120
5,000	University of Michigan, General Revenue Bonds, Series 2015, 5.000%, 4/01/46	4/26 at 100.00	AAA	5,683,650
	University of Michigan, General Revenue Bonds, Series 2015:			
5,735	5.000%, 4/01/40, 144A (UB), (4)	4/26 at 100.00	AAA	6,548,395
9,600	5.000%, 4/01/46, 144A (UB), (4)	4/26 at 100.00	AAA	10,912,608
2,000	Wayne State University, Michigan, General Revenue Bonds, Refunding Series 2016A, 5.000%, 11/15/32	5/26 at 100.00	Aa3	2,267,060
3,700	Wayne State University, Michigan, General Revenue Bonds, Series 2013A, 5.000%, 11/15/40	11/23 at 100.00	Aa3	4,121,134
525	Western Michigan University, General Revenue Bonds, Refunding Series 2011, 5.000%, 11/15/31	11/21 at 100.00	Aa3	570,770
	Western Michigan University, General Revenue Bonds,			
	Refunding Series 2013:			
750	5.250%, 11/15/33 – AGM Insured	11/23 at 100.00	AA	848,685
4,250	5.000%, 11/15/39 – AGM Insured	11/23 at 100.00	AA	4,735,903
	Western Michigan University, General Revenue Bonds,			
1.500	Refunding Series 2015A:	5/25 at 100.00	Aa3	1 670 005
1,500 850	5.000%, 11/15/40 5.000%, 11/15/45	5/25 at 100.00 5/25 at 100.00	Aa3	1,670,085 943,662
99,065	Total Education and Civic Organizations	3123 at 100.00	Aas	108,954,605
77,003	Health Care – 21.9% (13.8% of Total Investments)			100,754,005
	County of Calhoun Hospital Finance Authority,			
2,000	Michigan, Hospital Revenue Bonds, Oaklawn Hospital,	2/27 at 100.00	BBB-	2,083,820
<b>-</b> ,000	Refunding Series 2016, 5.000%, 2/15/47	<b>2,2, 00</b> 100 <b>1</b> 00	222	2,002,020
	Grand Traverse County Hospital Financial Authority,			
4,000	Michigan, Revenue Bonds, Munson Healthcare,	7/21 at 100.00	AA-	4,339,080
	Refunding Series 2011A, 5.000%, 7/01/29			
	Kent Hospital Finance Authority, Michigan, Revenue			
	Bonds, Spectrum Health System, Refunding Series 2011C:			
5,500	5.000%, 1/15/31	1/22 at 100.00	AA	5,885,385
2,000	5.000%, 1/15/42	1/22 at 100.00	AA	2,115,080
	Michigan Finance Authority, Hospital Revenue Bonds,			
1,780	Beaumont Health Credit Group, Refunding Series 2015A, 5.000%, 8/01/32	8/24 at 100.00	A+	1,990,716
4,850		6/24 at 100.00	A+	5,317,492

	Michigan Finance Authority, Hospital Revenue Bonds, MidMichigan Health Credit Group, Refunding Series			
	2014, 5.000%, 6/01/39			
	Michigan Finance Authority, Hospital Revenue Bonds,			
3,930	Oakwood Obligated Group, Refunding Series 2013, 5.000%, 8/15/31	8/23 at 100.00	A+	4,332,314
	Michigan Finance Authority, Hospital Revenue Bonds,			
6,060	Sparrow Obligated Group, Refunding Series 2015, 5.000%, 11/15/45	5/25 at 100.00	A+	6,601,764
	Michigan Finance Authority, Hospital Revenue Bonds,			
3,000	Sparrow Obligated Group, Series 2012, 5.000%, 11/15/42	11/22 at 100.00	A+	3,233,460
	Michigan Finance Authority, Michigan, Revenue			
5,000	Bonds, Trinity Health Credit Group, Refunding Series 2016MI, 5.000%, 12/01/45	6/26 at 100.00	AA-	5,579,700
	Michigan Finance Authority, Michigan, Revenue			
1,900	Bonds, Trinity Health Credit Group, Refunding Series	6/27 at 100.00	AA-	2,201,207
1,500	2017MI, 5.000%, 12/01/30	0/2/ at 100.00	7 17 1	2,201,207
	Michigan Finance Authority, Revenue Bonds,			
	Oakwood Obligated Group, Refunding Series 2012:			
1,000	5.000%, 11/01/25	11/22 at 100.00	A+	1,106,810
1,000	5.000%, 11/01/26	11/22 at 100.00	A+	1,103,880
3,750	5.000%, 11/01/42	11/22 at 100.00	A+	4,049,963
	Michigan Finance Authority, Revenue Bonds, Trinity			
9,615	Health Credit Group, Refunding Series 2011MI,	12/21 at 100.00	AA-	10,364,296
	5.000%, 12/01/39			
	Michigan State Hospital Finance Authority, Revenue			
1,000	Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 12/01/48	6/22 at 100.00	AA–	1,069,100

### Nuveen Michigan Quality Municipal Income Fund NUM Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$5,380	Health Care (continued) Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital Obligated Group, Refunding Series 2014D,	3/24 at 100.00	A+	\$5,878,080
61,765	5.000%, 9/01/39 Total Health Care Housing/Multifamily – 2.4% (1.5% of Total Investments)			67,252,147
2,635	Michigan Housing Development Authority, FNMA Limited Obligation Multifamily Housing Revenue Bonds, Parkview Place Apartments, Series 2002A, 5.550%, 12/01/34 (Alternative Minimum Tax)	12/20 at 101.00	AA	2,784,536
1,825	Michigan Housing Development Authority, Rental Housing Revenue Bonds, Series 2010A, 5.000%, 10/01/35	10/20 at 100.00	AA	1,898,876
1,725	Michigan Housing Development Authority, Rental Housing Revenue Bonds, Series 2012A-2, 4.625%, 10/01/41	4/22 at 100.00	AA	1,772,075
1,000	Michigan Housing Development Authority, Rental Housing Revenue Bonds, Series 2012D, 4.000%, 10/01/42	4/22 at 100.00	AA	1,010,600
7,185	Total Housing/Multifamily Tax Obligation/General – 32.9% (20.7% of Total Investments)			7,466,087
2,310	Ann Arbor Public School District, Washtenaw County, Michigan, General Obligation Bonds, Refunding Series 2012, 5.000%, 5/01/29	5/22 at 100.00	Aa1	2,535,063
840	Ann Arbor Public School District, Washtenaw County, Michigan, General Obligation Bonds, School Building & Site Series 2015, 5.000%, 5/01/24	No Opt. Call	Aa2	963,925
895	Bloomfield Township, Michigan, General Obligation Bonds, Refunding Series 2016, 5.000%, 5/01/28 Byron Center Public Schools, Kent County, Michigan, General Obligation Bonds, School Building & Site Series	5/26 at 100.00	AAA	1,041,189
	2017I:			
2,250	5.000%, 5/01/43	5/27 at 100.00	AA	2,537,663
2,195	5.000%, 5/01/47	5/27 at 100.00	AA	2,451,091
	Byron Center Public Schools, Kent County, Michigan, General Obligation Bonds, Series 2012:	100.00		
1,000	4.000%, 5/01/32	5/21 at 100.00	AA	1,011,780
500	4.000%, 5/01/33	5/21 at 100.00	AA	504,370
1,135		130.00	AA	1,256,593

	Caledonia Community Schools, Kent, Allegan and Barry Counties, Michigan, General Obligation Bonds, School Building & Site Series 2014, 5.000%, 5/01/39 Charlotte Public School District, Easton County, Michigan,	5/24 at 100.00		
875	General Obligation Bonds, Refunding Series 2012, 5.000%, 5/01/20	No Opt. Call	AA	920,448
	Grand Rapids and Kent County Joint Building Authority, Michigan, Limited Tax General Obligation Bonds, Devos Place Project, Series 2001:			
8,900	0.000%, 12/01/25	No Opt. Call	AAA	7,408,449
3,000	0.000%, 12/01/26	No Opt. Call	AAA	2,415,030
100	0.000%, 12/01/27	No Opt. Call	AAA	77,840
4,305	0.000%, 12/01/29	No Opt. Call	AAA	3,121,771
	Grand Rapids Building Authority, Kent County, Michigan, General Obligation Bonds, Refunding Series 2011:	-		
560	5.000%, 10/01/28	10/21 at 100.00	AA	607,718
500	5.000%, 10/01/30	10/21 at 100.00	AA	542,295
500	5.000%, 10/01/31	10/21 at 100.00	AA	541,980
	Grand Rapids Public Schools, Kent County, Michigan, General Obligation Bonds, Refunding School Building & Site Series 2016:			
1,700	5.000%, 5/01/24 – AGM Insured	No Opt. Call	AA	1,939,156
		5/26 at		
4,205	5.000%, 5/01/28 – AGM Insured	100.00 5/26 at	AA	4,869,726
1,000	5.000%, 5/01/38 – AGM Insured	100.00	AA	1,122,770
	Jenison Public Schools, Ottawa County, Michigan, General Obligation Bonds, Series 2017:			
1,245	5.000%, 5/01/29	5/27 at 100.00	Aa3	1,437,639
1,265	5.000%, 5/01/30	5/27 at 100.00	Aa3	1,454,472
	Kalamazoo County, Michigan, General Obligation Bonds, Juvenile Home Facilities Series 2017:			
300	5.000%, 4/01/27	No Opt. Call	AA+	353,991
1,675	5.000%, 4/01/30	4/27 at 100.00	AA+	1,949,918
26				

Principal		Optional Call	Ratings	
Amount (000)	Description (1)	Provisions (2)	(3)	Value
,	Tax Obligation/General (continued)			
	Kent County, Michigan, General Obligation Bonds,			
	Limited Tax Capital Improvement Series 2016:			
\$1,000	5.000%, 6/01/31	6/26 at 100.00	AAA	\$1,156,600
1,445	5.000%, 6/01/34	6/26 at 100.00	AAA	1,653,933
1,000	5.000%, 6/01/35	6/26 at 100.00	AAA	1,143,850
	Kent County, Michigan, General Obligation Bonds,			
	Limited Tax Capital Improvement Series 2017A:			
1,570	5.000%, 6/01/36	6/27 at 100.00	AAA	1,816,270
1,650	5.000%, 6/01/37	6/27 at 100.00	AAA	1,904,694
1,025	Kent County, Michigan, General Obligation Bonds, Limited Tax Series 2015, 5.000%, 1/01/34	1/25 at 100.00	AAA	1,157,963
3,440	Kent County, Michigan, General Obligation Bonds,	1/25 at 100.00	AAA	3,911,899
3,440	Refunding Limited Tax Series 2015, 5.000%, 1/01/31	1723 at 100.00	AAA	3,911,099
	Lake Saint Claire Clean Water Drain Drainage District,			
	Macomb County, Michigan, General Obligation Bonds,			
	Series 2013:			
1,000	5.000%, 10/01/25	10/23 at	AA+	1,127,020
1,000	5.000 %, 10/01/25	100.00	1111	1,127,020
1,020	5.000%, 10/01/26	10/23 at	AA+	1,148,000
1,020		100.00	7 1 1	1,140,000
	L'Anse Creuse Public Schools, Macomb County, Michigan,			
1,000	General Obligation Bonds, Refunding Series 2015, 5.000%, 5/01/23	No Opt. Call	AA	1,122,290
	Lansing School District, Ingham County, Michigan,			
	General Obligation Bonds, Series 2016I:			
1,345	5.000%, 5/01/26	No Opt. Call	AA	1,573,838
2,245	5.000%, 5/01/33	5/26 at 100.00	AA	2,545,067
2,085	5.000%, 5/01/38	5/26 at 100.00	AA	2,330,446
2,200	5.000%, 5/01/41	5/26 at 100.00	AA	2,447,962
_,,	Michigan Finance Authority, Senior lien Distributable State			_, , ,
1,500	Aid Revenue Bonds, Charter County of Wayne Criminal	11/28 at	Aa3	1,701,825
,	Justice Center Project, Series 2018, 5.000%, 11/01/43	100.00		, ,
1.050	Michigan State, General Obligation Bonds, Environmental	12/25 at		2 2 4 7 2 0 0
1,950	Program, Refunding Series 2015A, 5.000%, 12/01/28	100.00	Aa1	2,247,200
4.000	Michigan State, General Obligation Bonds, Environmental	12/21 at		4.260.160
4,000	Program, Refunding Series 2011A, 5.000%, 12/01/22	100.00	Aa1	4,369,160
1.000	Michigan State, General Obligation Bonds, Environmental	12/24 at	A 1	1 151 660
1,000	Program, Series 2014A, 5.000%, 12/01/28	100.00	Aa1	1,151,660
2 000	Montrose School District, Michigan, School Building and	No Opt Call	A 0.2	2 160 940
2,000	Site Bonds, Series 1997, 6.000%, 5/01/22 – NPFG Insured	No Opt. Call	Aa2	2,160,840
	Muskegon Community College District, Michigan, General			
2,945	Obligation Bonds, Community Facility Series 2013I,	5/24 at 100.00	AA	3,302,876
	5.000%, 5/01/38 – BAM Insured			
	Muskegon County, Michigan, General Obligation			
	Wastewater Bonds, Management System 1, Refunding			

		Series 2015:			
	1,350	5.000%, 11/01/33	11/25 at 100.00	AA	1,525,446
	1,730	5.000%, 11/01/36	11/25 at 100.00	AA	1,945,333
		Port Huron, Michigan, General Obligation Bonds, Limited Tax Refunding & Capital Improvement Series 2011:			
	1,585	5.000%, 10/01/31 – AGM Insured	10/21 at 100.00	AA	1,709,248
	640	5.250%, 10/01/37 – AGM Insured	10/21 at 100.00	AA	695,085
		Port Huron, Michigan, General Obligation Bonds, Series 2011B:			
	530	5.000%, 10/01/31 – AGM Insured	10/21 at 100.00	AA	571,547
	800	5.250%, 10/01/40 – AGM Insured	10/21 at 100.00	AA	868,112
		Rockford Public Schools, Kent County, Michigan, General			
	500	Obligation Bonds, Refunding Series 2012, 5.000%, 5/01/19	No Opt. Call	AA	510,930
		Royal Oak City School District, Oakland County,			
	625	Michigan, General Obligation Bonds, Refunding Series 2014, 5.000%, 5/01/20	No Opt. Call	Aa2	658,094
	1,510	Royal Oak, Oakland County, Michigan, General Obligation Bonds, Taxable Limited Tax Series 2018, 5.000%, 4/01/43	4/28 at 100.00	AA+	1,698,071
		South Haven Public Schools, Van Buren County, Michigan,			
	1,435	General Obligation Bonds, School Building & Site, Series 2014A, 5.000%, 5/01/41 – BAM Insured	5/24 at 100.00	AA	1,595,046
		Troy School District, Oakland County, Michigan, General			
	550	Obligation Bonds, Refunding Series 2015, 5.000%, 5/01/26	5/25 at 100.00	AA	634,172
_	27				
4	. 1				

### Nuveen Michigan Quality Municipal Income Fund NUM Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$ 1,600	Tax Obligation/General (continued) Walled Lake Consolidated School District, Oakland County, Michigan, General Obligation Bonds, School Building & Site Series 2014, 5.000%, 5/01/40	11/23 at 100.00	Aa1 S	61,774,320
2,590	West Bloomfield School District, Oakland County, Michigan, General Obligation Bonds, School Building & Site Series 2017, 5.000%, 5/01/36 – AGM Insured	5/27 at 100.00	AA	2,933,641
1,225	Williamston Community School District, Michigan, Unlimited Tax General Obligation QSBLF Bonds, Series 1996, 5.500%, 5/01/25 – NPFG Insured	No Opt. Call	Aa2	1,357,104
1,475	Willow Run Community Schools, Washtenaw County, Michigan, General Obligation Bonds, Refunding Series 2011, 4.500%, 5/01/31 – AGM Insured	5/21 at 100.00	AA	1,542,939
94,820	Total Tax Obligation/General Tax Obligation/Limited – 14.8% (9.4% of Total Investments)			101,057,358
2,200	Lansing Township Downtown Development Authority, Ingham County, Michigan, Tax Increment Bonds, Series 2013A, 5.950%, 2/01/42 Michigan Finance Authority, Local Government Loan Program Revenue Bonds, Detroit Regional Convention	2/24 at 103.00	N/R	2,398,330
1,240	Facility Authority Local Project, Series 2014H-1: 5.000%, 10/01/20	10/19 at 100.00	AA-	1,278,316
2,000	5.000%, 10/01/24	10/23 at 100.00	AA-	2,228,700
2,000	5.000%, 10/01/25	10/24 at 100.00	AA-	2,244,100
11,025	5.000%, 10/01/39	10/24 at 100.00	AA-	12,214,705
2,000	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2011-I-A, 5.375%, 10/15/41	10/21 at 100.00	Aa2	2,181,060
1,845	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2013-I-A, 5.000%, 10/15/29	10/23 at 100.00	Aa2	2,075,348
4,000	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2015-I, 5.000%, 4/15/38	10/25 at 100.00	Aa2	4,481,560
	Michigan State Building Authority, Revenue Bonds, Facilities Program, Refunding Series 2016-I:			
1,500	5.000%, 4/15/41		Aa2	1,683,525

		10/26 at 100.00		
2,500	5.000%, 10/15/46	10/26 at 100.00	Aa2	2,796,425
	Michigan State Trunk Line Fund Bonds, Series 2011:			
1,100	5.000%, 11/15/24	11/21 at 100.00	AA+	1,197,317
1,750	5.000%, 11/15/29	11/21 at 100.00	AA+	1,901,428
1,605	5.000%, 11/15/31	11/21 at 100.00	AA+	1,745,951
1,160	4.000%, 11/15/32	11/21 at 100.00	AA+	1,190,415
1,970	5.000%, 11/15/36	11/21 at 100.00	AA+	2,131,579
1,370	Michigan State Trunk Line Fund Refunding Bonds, Refunding Series 2015, 5.000%, 11/15/22	No Opt. Call	AA+	1,535,702
1,950	Michigan State, Comprehensive Transportation Revenue Bonds, Refunding Series 2015, 5.000%, 11/15/29	11/24 at 100.00	AA+	2,243,787
41,215	Total Tax Obligation/Limited Transportation – 3.4% (2.1% of Total Investments) Wayne County Airport Authority, Michigan, Revenue			45,528,248
4,500	Bonds, Detroit Metropolitan Airport, Refunding Series 2011A, 5.000%, 12/01/21 (Alternative Minimum Tax)	No Opt. Call	A	4,903,470
4,000	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2012A, 5.000%, 12/01/42 – AGM Insured	12/22 at 100.00	AA	4,352,600
1,000	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2017A, 5.000%, 12/01/42	12/27 at 100.00	A	1,129,280
9,500	Total Transportation U.S. Guaranteed – 14.3% (9.0% of Total Investments) (5)	)		10,385,350
	Comstock Park Public Schools, Kent County, Michigan, General Obligation Bonds, School Building & Site, Series 2011B:			
1,200	5.500%, 5/01/36 (Pre-refunded 5/01/21)	5/21 at 100.00	AA	1,313,616
2,190	5.500%, 5/01/41 (Pre-refunded 5/01/21) Grand Rapids, Michigan, Water Supply System Revenue	5/21 at 100.00	AA	2,397,349
2,605	Bonds, Series 2009, 5.100%, 1/01/39 (Pre-refunded 1/01/19) – AGC Insured	1/19 at 100.00	AA	2,634,879
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$1,800	U.S. Guaranteed (5) (continued) Jackson County Hospital Finance Authority, Michigan, Hospital Revenue Bonds, Allegiance Health, Refunding Series 2010A, 5.000%, 6/01/37 (Pre-refunded 6/01/20) – AGM Insured	6/20 at 100.00	AA	\$1,900,350
5,505	Michigan Finance Authority, Hospital Revenue Bonds, Crittenton Hospital Medical Center, Refunding Series 2012A, 5.000%, 6/01/39 (Pre-refunded 6/01/22)	6/22 at 100.00	N/R	6,094,861
35	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Refunding Series 2011MI, 5.000%, 12/01/39 (Pre-refunded 12/01/21)	12/21 at 100.00	N/R	38,345
	Michigan Finance Authority, State Revolving Fund Revenue Bonds, Clean Water Series 2012:			
2,000	5.000%, 10/01/31 (Pre-refunded 10/01/22)	10/22 at 100.00	AAA	2,233,500
1,135	5.000%, 10/01/32 (Pre-refunded 10/01/22)	10/22 at 100.00	AAA	1,267,511
390	Michigan Municipal Bond Authority, Clean Water Revolving Fund Revenue Bonds, Series 2010, 5.000%, 10/01/26 (Pre-refunded 10/01/20)	10/20 at 100.00	AAA	415,514
	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009:			
150	5.000%, 11/15/20 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R	155,753
7,300	5.750%, 11/15/39 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R	7,644,341
4,000	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, MidMichigan Obligated Group, Series 2009A, 5.875%, 6/01/39 (Pre-refunded 6/01/19) – AGC Insured	6/19 at 100.00	AA+	4,124,400
3,415	Michigan State Hospital Finance Authority, Hospital Revenue Refunding Bonds, St. John's Health System, Series 1998A, 5.000%, 5/15/28 – AMBAC Insured (ETM)	11/18 at 100.00	Aaa	3,633,628
1,000	Michigan State, General Obligation Bonds, Environmental Program, Series 2009A, 5.500%, 11/01/25 (Pre-refunded 5/01/19)	5/19 at 100.00	Aa1	1,025,240
3,640	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital Obligated Group, Refunding Series 2009W, 6.000%, 8/01/39 (Pre-refunded 8/01/19)	8/19 at 100.00	A1	3,777,628
350	South Haven, Van Buren County, Michigan, General Obligation Bonds, Capital Improvement Series 2009, 5.125%, 12/01/33 (Pre-refunded 12/01/19) – AGC Insured Wayne State University, Michigan, General Revenue Bonds, Refunding Series 2008:	12/19 at 100.00	AA	364,847

2,220	5.000%, 11/15/35 (Pre-refunded 11/15/18) – AGM Insured	11/18 at 100.00	Aa3	2,235,140
2,780	5.000%, 11/15/35 (Pre-refunded 11/15/18) – AGM Insured	11/18 at 100.00	Aa3	2,798,960
41,715	Total U.S. Guaranteed			44,055,862
	Utilities – 12.0% (7.6% of Total Investments)			
	Holland, Michigan, Electric Utility System Revenue			
	Bonds, Series 2014A:			
2,750	5.000%, 7/01/33	7/21 at 100.00	AA	2,957,158
6,020	5.000%, 7/01/39	7/21 at 100.00	AA	6,459,821
	Lansing Board of Water and Light, Michigan, Utility			
	System Revenue Bonds, Tender Option Bond Trust			
1 110	2016-XF0394:	7/21 at 100.00	AA-	1 410 400
1,110 1,700	13.555%, 7/01/37, 144A (IF) (4) 13.550%, 7/01/37, 144A (IF) (4)	7/21 at 100.00 7/21 at 100.00	AA- AA-	1,410,499 2,160,224
1,700	Marquette, Michigan, Electric Utility System Revenue	7/21 at 100.00	AA-	2,100,224
	Bonds, Refunding Series 2016A:			
1,000	5.000%, 7/01/30	7/26 at 100.00	A	1,130,290
1,000	5.000%, 7/01/31	7/26 at 100.00	A	1,125,860
75	5.000%, 7/01/32	7/26 at 100.00	A	84,218
1,000	5.000%, 7/01/33	7/26 at 100.00	A	1,119,240
	Michigan Public Power Agency, AFEC Project Revenue			
	Bonds, Series 2012A:			
1,900	5.000%, 1/01/27	1/22 at 100.00	A2	2,023,557
4,530	5.000%, 1/01/43	1/22 at 100.00	A2	4,745,492
	Michigan Public Power Agency, Revenue Bonds,			
	Combustion Turbine 1 Project, Refunding Series 2011:			
1,760	5.000%, 1/01/24 – AGM Insured	1/21 at 100.00	AA	1,868,451
1,990	5.000%, 1/01/25 – AGM Insured	1/21 at 100.00	AA	2,112,624
2,180	5.000%, 1/01/26 – AGM Insured	1/21 at 100.00	AA	2,314,332
290	5.000%, 1/01/27 – AGM Insured	1/21 at 100.00	AA	307,870
2.640	Michigan Strategic Fund, Limited Obligation Revenue	No Ont Call	A = 2	4 007 120
3,640	Refunding Bonds, Detroit Edison Company, Series	No Opt. Call	Aa3	4,087,138
	1991BB, 7.000%, 5/01/21 – AMBAC Insured			
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### Nuveen Michigan Quality Municipal Income Fund NUM Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(,	Utilities (continued)			
\$2,700	Wyandotte, Michigan, Electric Revenue Bonds, Refunding	10/25 at	AA	\$2,911,356
\$2,700	Series 2015A, 5.000%, 10/01/44 – BAM Insured	100.00	AA	\$2,911,330
33,645	Total Utilities			36,818,130
	Water and Sewer – 16.6% (10.5% of Total Investments)			
1.7	Detroit, Michigan, Water Supply System Revenue Bonds,	11/18 at		15.025
15	Refunding Second Lien Series 2004A, 5.000%, 7/01/34 –	100.00	AA	15,037
	AGM Insured Grand Rapids, Michigan, Sanitary Sewer System Revenue			
	Bonds, Improvement & Refunding Series 2014:			
1,000	5.000%, 1/01/32	1/24 at 100.00	Aa1	1,129,680
1,000	5.000%, 1/01/33	1/24 at 100.00	Aa1	1,127,550
1,000	5.000%, 1/01/34	1/24 at 100.00	Aa1	1,125,950
1,855	5.000%, 1/01/44	1/24 at 100.00	Aa1	2,076,839
ŕ	Grand Rapids, Michigan, Sanitary Sewer System Revenue			, ,
	Bonds, Series 2018:			
2,500	5.000%, 1/01/43	1/28 at 100.00	Aa1	2,857,975
1,055	5.000%, 1/01/48	1/28 at 100.00	Aa1	1,202,415
	Great Lakes Water Authority, Michigan, Sewer Disposal			
1,005	System Revenue Bonds, Refunding Second Lien Series	7/26 at 100.00	A3	1,127,791
	2016C, 5.000%, 7/01/32			
6.045	Great Lakes Water Authority, Michigan, Water Supply	7/06 + 100.00	4.0	7 175 505
6,245	Revenue Bonds, Refunding Senior Lien Series 2016C, 5.000%, 7/01/32	7/26 at 100.00	A2	7,175,505
	Michigan Finance Authority, Local Government Loan			
	Program Revenue Bonds, Detroit Water & Sewerage			
	Department Sewage Disposal System Local Project, Second			
	Lien Series 2015C:			
4,665	5.000%, 7/01/34	7/25 at 100.00	A3	5,109,901
1,070	5.000%, 7/01/35	7/25 at 100.00	A3	1,169,317
	Michigan Finance Authority, Local Government Loan			
	Program Revenue Bonds, Detroit Water & Sewerage			
	Department Water Supply System Local Project, Refunding			
	Senior Loan Series 2014D-1:			
1,500	5.000%, 7/01/35 – AGM Insured	7/24 at 100.00	AA	1,655,730
1,220	5.000%, 7/01/37 – AGM Insured	7/24 at 100.00	AA	1,341,878
	Michigan Finance Authority, Local Government Loan			
3,340	Program Revenue Bonds, Detroit Water & Sewerage	7/24 at 100.00	AA	3,751,187
	Department Water Supply System Local Project, Series			
	2014D-2, 5.000%, 7/01/27 – AGM Insured			
	Michigan Finance Authority, State Revolving Fund Revenue Bonds, Clean Water Subordinate Refunding Series			
	2013:			
1,955	5.000%, 10/01/22	No Opt. Call	AAA	2,189,756
1,,,,,		o opu cum		_,10,,700

3,200	5.000%, 10/01/25	10/22 at 100.00	AAA	3,577,600
5,000	Michigan Finance Authority, State Revolving Fund Revenue Bonds, Clean Water Subordinate Refunding Series 2016B, 5.000%, 10/01/25		AAA	5,901,450
2,000	Michigan Finance Authority, State Revolving Fund Revenue Bonds, Clean Water, Refunding Series 2012, 5.000%, 10/01/20	No Opt. Call	AAA	2,133,800
580	Michigan Municipal Bond Authority, Clean Water Revolving Fund Revenue Bonds, Series 2004, 5.000%, 10/01/19	11/18 at 100.00	AAA	581,462
170	Michigan Municipal Bond Authority, Clean Water Revolving Fund Revenue Bonds, Series 2005, 5.000%, 10/01/19	11/18 at 100.00	AAA	170,428
475	Michigan Municipal Bond Authority, Clean Water Revolving Fund Revenue Bonds, Series 2010, 5.000%, 10/01/30 (Pre-refunded 10/01/20)	10/20 at 100.00	AAA	506,075
90	Michigan Municipal Bond Authority, Drinking Water Revolving Fund Revenue Bonds, Series 2004, 5.000%, 10/01/23	11/18 at 100.00	AAA	90,227
	Michigan Municipal Bond Authority, Water Revolving Fund Revenue Bonds, Series 2007:			
70	5.000%, 10/01/23	11/18 at 100.00	AAA	70,176
225	5.000%, 10/01/24	11/18 at 100.00	AAA	225,545
1,000	North Kent Sewer Authority, Michigan, Sewer Revenue Bonds, Refunding Series 2016, 5.000%, 11/01/24 Port Huron, Michigan, Water Supply System Revenue Bonds, Series 2011:	No Opt. Call	AA	1,139,940
500	5.250%, 10/01/31	10/21 at 100.00	A-	541,950
1,500	5.625%, 10/01/40	10/21 at 100.00	A-	1,651,320
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Water and Sewer (continued)			
	Wyoming, Michigan, Water Supply System			
	Revenue Bonds, Refunding Series 2016:			
\$210	5.000%, 6/01/26	No Opt. Call	Aa3	\$ 243,203
505	5.000%, 6/01/27	6/26 at 100.00	Aa3	579,907
550	5.000%, 6/01/28	6/26 at 100.00	Aa3	628,705
45,500	Total Water and Sewer			51,098,299
\$449,060	Total-Long Term Investments (cost			487,309,829
	\$469,548,596) Floating Rate Obligations – (4.0)%			(12,265,000)
	Variable Rate MuniFund Term Preferred			, , , ,
	Shares, net of deferred offering costs – (56.3)%			(172,989,269)
	(6)			
	Other Assets Less Liabilities – 1.8%			5,471,213
	Net Assets Applicable to Common Shares – 100%			\$ 307,526,773

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
  - For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of
- (3) split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (5) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
- (6) Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 35.5%.
- Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.

  Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
- UB Statements, Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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### Nuveen Ohio Quality Municipal Income Fund NUO Portfolio of Investments August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
, ,	LONG-TERM INVESTMENTS – 154.8% (100.0% of Total			
	Investments) MUNICIPAL BONDS – 154.8% (100.0% of Total Investments)			
	Consumer Staples – 4.4% (2.9% of Total Investments)			
Ф12.120	Buckeye Tobacco Settlement Financing Authority, Ohio,	10/18 at	D	ф12 <b>2</b> 02 100
\$13,120	Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.875%, 6/01/47	100.00	В–	\$13,203,180
	Education and Civic Organizations – 15.0% (9.7% of Total			
	Investments)			
	Lorain County Community College District, Ohio, General			
	Receipts Revenue Bonds, Series 2017:			
1,305	5.000%, 12/01/32	6/27 at 100.00	Aa2	1,497,788
1,200	5.000%, 12/01/33	6/27 at 100.00	Aa2	1,372,332
505	5.000%, 12/01/34	6/27 at 100.00	Aa2	576,276
	Miami University of Ohio, General Receipts Bonds,			
	Refunding Series 2014:			
4,375	5.000%, 9/01/33	9/24 at 100.00	AA	4,902,275
2,500	4.000%, 9/01/39	9/24 at 100.00	AA	2,580,650
	Miami University of Ohio, General Receipts Bonds,			
2,585	Refunding Series 2017, 5.000%, 9/01/41 Miami University	9/26 at 100.00	AA	2,918,491
120	of Ohio, General Receipts Bonds, Series 2011:	0/01 / 100 00		120.000
130	5.000%, 9/01/33	9/21 at 100.00	AA	139,809
1,960	5.000%, 9/01/36 Miomi University of Ohio, Conceel Passints Bands, Souise	9/21 at 100.00	AA	2,100,846
	Miami University of Ohio, General Receipts Bonds, Series 2012:			
480	4.000%, 9/01/32	9/22 at 100.00	AA	498,653
1,000	4.000%, 9/01/33	9/22 at 100.00	AA	1,033,520
1,000	Ohio Higher Educational Facilities Commission, Revenue	7/22 dt 100.00	7171	1,033,320
	Bonds, Denison University Project, Series 2012:			
120	5.000%, 11/01/27	5/22 at 100.00	AA	130,985
590	5.000%, 11/01/32	5/22 at 100.00	AA	641,637
	Ohio Higher Educational Facilities Commission, Revenue	10/00		
5,000	Bonds, University of Dayton, Refunding Series 2013,	12/22 at 100.00	A+	5,419,900
	5.000%, 12/01/43	100.00		
1,000	Ohio University at Athens, General Receipts Bonds, Series	12/22 at	Aa3	1,088,990
1,000	2013, 5.000%, 12/01/39	100.00	ras	1,000,770
	Tuscarawas County Economic Development and Finance			
1,000	Alliance, Ohio, Higher Education Facilities Revenue Bonds,	3/25 at 100.00	N/R	1,016,620
,	Ashland University, Refunding & Improvement Series			, = = , = = 3
	2015, 6.000%, 3/01/45			

1,000	University of Cincinnati, Ohio, General Receipts Bonds, Green Bond Series 2014C, 5.000%, 6/01/41	12/24 at 100.00	AA-	1,114,190
5,175	University of Cincinnati, Ohio, General Receipts Bonds, Series 2016C, 5.000%, 6/01/46	6/26 at 100.00	AA-	5,774,990
7,580	Wright State University, Ohio, General Receipts Bonds, Series 2011A, 5.000%, 5/01/31 – BAM Insured Youngstown State University, Ohio, General Receipts Bonds, Refunding Series 2017:	5/21 at 100.00	AA	8,073,761
1,555	5.000%, 12/15/29	12/26 at 100.00	A+	1,781,392
1,670	5.000%, 12/15/30	12/26 at 100.00	A+	1,903,950
40,730	Total Education and Civic Organizations Health Care – 15.8% (10.3% of Total Investments) Akron, Bath and Copley Joint Township Hospital District,			44,567,055
3,000	Ohio, Hospital Revenue Bonds, Children's Hospital Medical Center, Improvement Series 2013, 5.000%, 11/15/38	5/23 at 100.00	AA-	3,262,140
3,125	Chillicothe, Ohio, Hospital Facilities Revenue Bonds, Adena Health System Obligated Group Project, Refunding & Improvement Series 2017, 5.000%, 12/01/47 Fairfield County, Ohio, Hospital Facilities Revenue Bonds,	12/27 at 100.00	A-	3,427,469
2,400	Fairfield Medical Center Project, Series 2013, 5.000%, 6/15/43	6/23 at 100.00	Baa2	2,503,296
250	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Series 2011A, 7.784%, 11/15/41	11/21 at 100.00	AA+	268,270
4,480	Franklin County, Ohio, Hospital Revenue Bonds, OhioHealth Corporation, Tender Option Bond Trust 2016-XL0004, 7.784%, 11/15/41, 144A (IF) (4)	11/21 at 100.00	AA+	5,134,752
1,730	Franklin County, Ohio, Revenue Bonds, Trinity Health Credit Group, Series 2017A, 5.000%, 12/01/47	12/27 at 100.00	AA-	1,946,337
300	Lake County, Ohio, Hospital Facilities Revenue Bonds, Lake Hospital System, Inc., Refunding Series 2008C, 6.000%, 8/15/29	11/18 at 100.00	A-	300,900
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$820	Health Care (continued) Middleburg Heights, Ohio, Hospital Facilities Revenue Bonds, Southwest General Health Center Project, Refunding Series 2011, 5.250%, 8/01/41 Montgomery County, Ohio, Revenue Bonds, Catholic Health Initiatives, Series 2004A:		A2 S	\$888,798
2,575	5.000%, 5/01/30	11/18 at 100.00	BBB+	2,601,008
2,040	5.000%, 5/01/32	11/18 at 100.00	BBB+	2,060,237
6,105	Muskingum County, Ohio, Hospital Facilities Revenue Bonds, Genesis HealthCare System Obligated Group Project, Series 2013, 5.000%, 2/15/44 Ohio State Higher Educational Facilities Commission,	2/23 at 100.00	BB+	6,333,571
1,100	Hospital Revenue Bonds, Cleveland Clinic Health System Obligated Group, Series 2012A, 5.000%, 1/01/38 Ohio State Higher Educational Facilities Commission, Hospital Revenue Bonds, Summa Health System Project, Series 2010:	1/22 at 100.00	AA	1,187,835
555	5.750%, 11/15/40 – AGM Insured	5/20 at 100.00	AA	587,190
1,520	5.250%, 11/15/40 – AGM Insured Ohio State, Hospital Revenue Bonds, University Hospitals Health System, Inc., Series 2013A:	5/20 at 100.00	AA	1,591,972
1,000	5.000%, 1/15/28	1/23 at 100.00	A	1,092,270
2,000	5.000%, 1/15/29 State of Ohio, Hospital Refunding Revenue Bonds, Cleveland Clinic Health System Obligated Group, Series 2017A:	1/23 at 100.00	A	2,169,980
1,765	5.000%, 1/01/30	1/28 at 100.00	AA	2,081,588
1,325	5.000%, 1/01/32 Wood County, Ohio, Hospital Facilities Refunding and Improvement Revenue Bonds, Wood County Hospital Project, Series 2012:	1/28 at 100.00	AA	1,546,090
2,670	5.000%, 12/01/37	12/22 at 100.00	Ba1	2,763,503
5,510	5.000%, 12/01/42	12/22 at 100.00	Ba1	5,679,157
44,270	Total Health Care Housing/Multifamily – 1.8% (1.1% of Total Investments)			47,426,363
205	Franklin County, Ohio, GNMA Collateralized Multifamily Housing Mortgage Revenue Bonds, Agler Project, Series 2002A, 5.550%, 5/20/22 (Alternative Minimum Tax) Montgomery County, Ohio, GNMA Guaranteed	11/18 at 100.00	Aaa	205,457
1,600	Multifamily Housing Revenue Bonds, Canterbury Court Project, Series 2007, 5.500%, 10/20/42 – FGIC Insured (Alternative Minimum Tax)	10/18 at 101.00	Aa1	1,649,584
3,340		9/19 at 100.00	Aa1	3,376,540

	Summit County Port Authority, Ohio, Multifamily Housing Revenue Bonds, Callis Tower Apartments Project, Series			
	2007, 5.250%, 9/20/47 (Alternative Minimum Tax)			
5,145	Total Housing/Multifamily			5,231,581
	Industrials – 1.3% (0.9% of Total Investments)			
	Toledo-Lucas County Port Authority, Ohio, Revenue			
3,495	Refunding Bonds, CSX Transportation Inc., Series 1992, 6.450%, 12/15/21	No Opt. Call	Baa1	3,962,107
	Western Reserve Port Authority, Ohio, Solid Waste Facility			
1,600	Revenue Bonds, Central Waste Inc., Series 2007A, 6.350%,	7/19 at 100.00	N/R	16
	7/01/27 (Alternative Minimum Tax) (5)			
5,095	Total Industrials			3,962,123
	Long-Term Care – 1.1% (0.7% of Total Investments)			
	Franklin County, Ohio, Healthcare Facilities Revenue			
895	Bonds, Ohio Presbyterian Retirement Services,	7/20 at 100.00	BBB	935,347
	Improvement Series 2010A, 5.625%, 7/01/26			
	Montgomery County, Ohio, Health Care and Multifamily			
2,220	Housing Revenue Bonds, Saint Leonard, Refunding &	4/20 at 100.00	BBB-	2,350,358
	improvement Series 2010, 6.625%, 4/01/40			
3,115	Total Long Term Care			3,285,705
	Tax Obligation/General – 22.2% (14.3% of Total			
	Investments)			
	Clark-Shawnee Local School District, Clark County, Ohio,	11/27 at		
2,500	General Obligation Bonds, School Facilities Construction &	100.00	AA	2,822,825
	Improvement Series 2017, 5.000%, 11/01/54			
	Columbus City School District, Franklin County, Ohio,			
4.240	General Obligation Bonds, Refunding Series 2006:			2212571
4,310	0.000%, 12/01/27 – AGM Insured	No Opt. Call	AA+	3,249,654
5,835	0.000%, 12/01/28 – AGM Insured	No Opt. Call	AA+	4,228,508
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### Nuveen Ohio Quality Municipal Income Fund NUO Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$ 2,250	Tax Obligation/General (continued) Columbus, Ohio, General Obligation Bonds, Refunding Various Purpose Series 2016-3, 5.000%, 2/15/28 Dublin, Ohio, General Obligation Bonds, Limited Tax Various Purpose Series 2015:	2/27 at 100.00	AAA	\$2,681,460
725	5.000%, 12/01/26	12/25 at 100.00	Aaa	856,414
900	5.000%, 12/01/32	12/25 at 100.00	Aaa	1,045,521
1,000	5.000%, 12/01/34	12/25 at 100.00	Aaa	1,154,540
1,730	Franklin County, Ohio, General Obligation Bonds, Refunding Series 2014, 5.000%, 6/01/31 Gallia County Local School District, Gallia and Jackson Counties, Ohio, General Obligation Bonds, Refunding School Improvement Series 2014:	12/23 at 100.00	AAA	1,962,893
1,260	5.000%, 11/01/30	11/24 at 100.00	Aa2	1,417,966
1,540	5.000%, 11/01/31	11/24 at 100.00	Aa2	1,730,298
	Greenville City School District, Drake County, Ohio, General Obligation Bonds, School Improvement Series 2013:			
555	5.250%, 1/01/38	1/22 at 100.00	AA	607,991
1,355	5.250%, 1/01/41	1/22 at 100.00	AA	1,483,007
1,355	Grove City, Ohio, General Obligation Bonds, Construction & Improvement Series 2009, 5.125%, 12/01/36	12/19 at 100.00	Aa1	1,408,902
2,160	Kenston Local School District, Geauga County, Ohio, General Obligation Bonds, Series 2011, 0.000%, 12/01/21 Middletown City School District, Butler County, Ohio,	No Opt. Call	Aa1	2,023,877
2.625	General Obligation Bonds, Refunding Series 2007:	N - O-4 C-11	4.2	4 070 715
3,625	5.250%, 12/01/28 – AGM Insured	No Opt. Call No Opt. Call	A2	4,272,715
4,500	5.250%, 12/01/31 – AGM Insured Monroe Local School District, Butler County, Ohio,	No Opt. Can	A2	5,356,035
1,305	General Obligation Bonds, Series 2006, 5.500%, 12/01/24 - AMBAC Insured	- No Opt. Call	A1	1,509,402
725	Napoleon City School District, Henry County, Ohio, General Obligation Bonds, Facilities Construction & Improvement Series 2012, 5.000%, 12/01/36	6/22 at 100.00	Aa3	785,240
5,000	Ohio State, General Obligation Bonds, Higher Education, Series 2017A, 5.000%, 5/01/36	5/25 at 100.00	AA+	5,676,550
3,000	Selies 2017A, 3.000%, 3/01/30	5/24 at 100.00	AAA	3,416,910

	Ohio State, General Obligation Bonds, Highway Capital Improvement, Series 2014R, 5.000%, 5/01/29			
	South Euclid, Ohio, General Obligation Bonds, Real Estate			
5,000	Acquisition and Urban Redevelopment, Series 2012, 5.000%, 6/01/42	6/22 at 100.00	Aa2	5,426,600
	South-Western City School District, Franklin and Pickaway			
450	Counties, Ohio, General Obligation Bonds, School Facilities Construction & Improvement Series 2012, 5.000%, 12/01/36	6/22 at 100.00	AA	491,418
	South-Western City School District, Franklin and Pickaway			
1,800	Counties, Ohio, General Obligation Bonds, School Facilities Construction & Improvement Series 2012, 5.000%, 12/01/36	6/22 at 100.00	N/R	1,996,290
	Springboro Community City School District, Warren			
1,500	County, Ohio, General Obligation Bonds, Refunding Series 2007, 5.250%, 12/01/32	No Opt. Call	AA	1,847,310
	Upper Arlington City School District, Franklin County,	12/27 at		
7,500	Ohio, General Obligation Bonds, School Facilities &	100.00	AAA	8,623,800
64.000	Improvement Series 2018A, 5.000%, 12/01/48			
61,880	Total Tax Obligation/General			66,076,126
	Tax Obligation/Limited – 32.2% (20.8% of Total Investments)			
	Cleveland, Ohio, Income Tax Revenue Bonds, Bridges &			
8,045	Roadways Improvements, Subordinate Lien Series	10/23 at	AA+	8,856,338
0,043	2015A-2, 5.000%, 10/01/37	100.00	ЛЛТ	0,030,330
	Cleveland, Ohio, Income Tax Revenue Bonds, Bridges &			
	Roadways Improvements, Subordinate Lien Series			
	2017B-2:			
1,250	5.000%, 10/01/31	4/28 at 100.00	AA+	1,460,050
1,000	5.000%, 10/01/32	4/28 at 100.00	AA+	1,164,410
	Cleveland, Ohio, Income Tax Revenue Bonds, Public	11/23 at		
3,000	Facilities Improvements, Series 2014A-1, 5.000%,	100.00	AA+	3,306,210
	11/15/38	100.00		
	Cleveland, Ohio, Income Tax Revenue Bonds, Subordinate Lien Improvement and Refunding Series 2017A-2:			
435	5.000%, 10/01/30	10/27 at	AA+	507,023
		100.00 10/27 at		
700	5.000%, 10/01/33	10/27 at 100.00	AA+	806,855
		100.00		
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$500	Tax Obligation/Limited (continued) Columbus-Franklin County Finance Authority, Ohio, Development Revenue Bonds, Hubbard Avenue Parking Facility Project, Series 2012A, 5.000%, 12/01/36	12/19 at 100.00	BBB	\$505,835
6,750	Cuyahoga County, Ohio, Economic Development Revenue Bonds, Medical Mart-Convention Center Project, Recovery Zone Facility Series 2010F, 5.000%, 12/01/27 Cuyahoga County, Ohio, Sales Tax Revenue Bonds, Refunding Various Purpose Series 2014:	12/20 at 100.00	AA	7,198,673
1,815	5.000%, 12/01/32	12/24 at 100.00	AAA	2,068,791
1,415	5.000%, 12/01/33	12/24 at 100.00	AAA	1,608,487
1,000	5.000%, 12/01/34	12/24 at 100.00	AAA	1,134,280
945	5.000%, 12/01/35	12/24 at 100.00	AAA	1,069,570
300	Delaware County District Library, Ohio, Library Fund Library Facilities Special Obligation Notes, Series 2009, 5.000%, 12/01/34	12/19 at 100.00	Aa2	311,853
1,920	Dublin, Ohio, Special Obligation Non-Tax Revenue Bonds, Series 2015A, 5.000%, 12/01/44	12/25 at 100.00	Aa1	2,148,230
10,350	Franklin County Convention Facilities Authority, Ohio, Excise Tax and Lease Revenue Bonds, Columbus City & Franklin County Lessees, Refunding Anticipation Series 2014, 5.000%, 12/01/35	12/24 at 100.00	Aa1	11,676,248
5,535	Franklin County, Ohio, Sales Tax Revenue Bonds, Various Purpose Series 2018, 5.000%, 6/01/48	6/28 at 100.00	AAA	6,412,962
1,000	Greater Cleveland Regional Transit Authority, Ohio, Sales Tax Supported Capital Improvement Bonds, Refunding Series 2015, 5.000%, 12/01/34	12/25 at 100.00	AAA	1,141,100
1,200	Greater Cleveland Regional Transit Authority, Ohio, Sales Tax Supported Capital Improvement Bonds, Refunding Series 2016, 5.000%, 12/01/28	12/26 at 100.00	AAA	1,405,512
5,565	Hamilton County, Ohio, Sales Tax Bonds, Subordinate Series 2000B, 0.000%, 12/01/28 – AMBAC Insured	No Opt. Call	AA	4,004,463
5,000	Hamilton County, Ohio, Sales Tax Revenue Bonds, Refunding Series 2011A, 5.000%, 12/01/31 JobsOhio Beverage System, Ohio, Statewide Liquor Profits	12/21 at 100.00	A1	5,407,450
20,700	Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38	1/23 at 100.00	AA	22,664,632
1,000	New Albany Community Authority, Ohio, Community Facilities Revenue Refunding Bonds, Series 2012C, 5.000%, 10/01/24 Ohio State, Capital Facilities Lease-Appropriation Bonds,	10/22 at 100.00	Aa3	1,101,500
	Parks & Recreation Improvement Fund Projects, Series 2017A:			

915	5.000%, 12/01/31	12/27 at 100.00	AA	1,074,576
1,345	5.000%, 12/01/32	12/27 at 100.00	AA	1,574,807
1,845	Pinnacle Community Infrastructure Financing Authority, Grove City, Ohio, Community Facilities Bonds, Series 2015A, 4.250%, 12/01/36 – AGM Insured	12/25 at 100.00	AA	1,905,276
400	Port of Greater Cincinnati Development Authority, Ohio, Special Obligation Development TIF Revenue Bonds, RBM Development – Phase 2B Project, Series 2018A, 6.000%, 12/01/50	12/28 at 100.00	N/R	422,840
	Riversouth Authority, Ohio, Riversouth Area Redevelopment Bonds, Payable from City of Columbus, Ohio Annual Rental Appropriations, Refunding Series 2012A:			
1,645	5.000%, 12/01/23	12/22 at 100.00	AA+	1,841,709
1,200	5.000%, 12/01/24	12/22 at 100.00	AA+	1,340,916
	Vermilion Local School District, Erie and Lorain Counties, Ohio, Certificates of Participation, School Facilities Project, Series 2012:			
765	5.000%, 12/01/24	12/20 at 100.00	Aa3	814,985
805	5.000%, 12/01/25	12/20 at 100.00	Aa3	857,043
88,345	Total Tax Obligation/Limited Transportation – 15.2% (9.8% of Total Investments) Cleveland, Ohio, Airport System Revenue Bonds, Series 2012A:			95,792,624
2,150	5.000%, 1/01/30	1/22 at 100.00	A	2,306,047
1,500	5.000%, 1/01/31 – AGM Insured Dayton, Ohio, Airport Revenue Bonds, James M. Cox International Airport, Series 2015B:	1/22 at 100.00	AA	1,617,795
860	5.000%, 12/01/33 – AGM Insured	12/23 at 100.00	AA	952,003
500	5.000%, 12/01/34 – AGM Insured	12/23 at 100.00	AA	552,465
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## Nuveen Ohio Quality Municipal Income Fund

## NUO Portfolio of Investments (continued)

August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Transportation (continued)			
	Ohio State, Private Activity Bonds, Portsmouth Gateway			
	Group, LLC – Borrower, Portsmouth Bypass Project, Series 2015:	S		
\$2,500	5.000%, 12/31/35 – AGM Insured (Alternative Minimum Tax)	6/25 at 100.00	AA	\$ 2,743,125
3,000	5.000%, 12/31/39 – AGM Insured (Alternative Minimum Tax)	6/25 at 100.00	AA	3,266,970
4,250	5.000%, 6/30/53 (Alternative Minimum Tax) Ohio Turnpike Commission, Turnpike Revenue Bonds,	6/25 at 100.00	A-	4,628,208
2,050	Infrastructure Project, Junior Lien Series 2013A-1, 5.250%, 2/15/39	2/23 at 100.00	Aa3	2,265,701
	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Projects, Junior Lien, Capital Appreciation Series 2013A-2:			
5,000	0.000%, 2/15/37	No Opt. Call	Aa3	2,447,850
11,260	0.000%, 2/15/38	No Opt. Call	Aa3	5,252,903
5,000	0.000%, 2/15/40	No Opt. Call	Aa3	2,143,050
2,000	Ohio Turnpike Commission, Turnpike Revenue Bonds,	rvo opt. cum	1140	2,1 13,000
15,000	Infrastructure Projects, Series 2018A, 5.000%, 2/15/46 (UB)	2/28 at 100.00	Aa3	17,080,500
53,070	Total Transportation			45,256,617
	U.S. Guaranteed – 29.2% (18.8% of Total Investments) (6)			
	Allen County, Ohio, Hospital Facilities Revenue Bonds,			
1,950	Catholic Healthcare Partners, Series 2010A, 5.250%,	6/20 at 100.00	AA-	2,065,304
	6/01/38 (Pre-refunded 6/01/20)			
	Butler County, Ohio, Hospital Facilities Revenue Bonds, UC Health, Series 2010:			
1,165	5.500%, 11/01/40 (Pre-refunded 11/01/20)	11/20 at 100.00	N/R	1,256,476
2,335	5.500%, 11/01/40 (Pre-refunded 11/01/20)	11/20 at 100.00	A	2,515,776
	Central Ohio Solid Waste Authority, General Obligation			
	Bonds, Refunding & Improvements, Series 2012:			
110	5.000%, 12/01/26 (Pre-refunded 6/01/22)	6/22 at 100.00	N/R	121,787
1,140	5.000%, 12/01/26 (Pre-refunded 6/01/22)	6/22 at 100.00	Aaa	1,266,494
245	5.000%, 12/01/28 (Pre-refunded 6/01/22)	6/22 at 100.00	N/R	271,252
2,545	5.000%, 12/01/28 (Pre-refunded 6/01/22)	6/22 at 100.00	Aaa	2,827,393
160	5.000%, 12/01/29 (Pre-refunded 6/01/22)	6/22 at 100.00	N/R	177,144
1,605	5.000%, 12/01/29 (Pre-refunded 6/01/22) Cincinnati, Ohio, General Obligation Bonds, Various Purpose, Refunding Series 2012A:	6/22 at 100.00	Aaa	1,783,091
1,960	5.000%, 12/01/31 (Pre-refunded 12/01/20)	12/20 at 100.00	AA	2,099,650

		12/20 at		
875	5.000%, 12/01/32 (Pre-refunded 12/01/20)	12/20 at 100.00	AA	937,344
8,150	Cincinnati, Ohio, Water System Revenue Bonds, Series 2012A, 5.000%, 12/01/37 (Pre-refunded 12/01/21)	12/21 at 100.00	AAA	8,955,953
2,000	Cleveland, Ohio, General Obligation Bonds, Series 2011, 5.000%, 12/01/29 (Pre-refunded 12/01/19) Cleveland, Ohio, Income Tax Revenue Bonds, Bridges & Roadways Improvements, Subordinate Lien Series 2013A-2:	12/19 at 100.00	AA+	2,081,780
1,315	5.000%, 10/01/27 (Pre-refunded 10/01/23)	10/23 at 100.00	AA+	1,497,561
1,520	5.000%, 10/01/30 (Pre-refunded 10/01/23)	10/23 at 100.00	AA+	1,731,022
1,600	5.000%, 10/01/31 (Pre-refunded 10/01/23)	10/23 at 100.00	AA+	1,822,128
2,705	Cleveland, Ohio, Income Tax Revenue Bonds, Bridges & Roadways Improvements, Subordinate Lien Series 2015A-2, 5.000%, 10/01/37 (Pre-refunded 10/01/23) Cleveland, Ohio, Water Revenue Bonds, Refunding Second Lien Series 2012A:	10/23 at 100.00	N/R	3,080,535
2,500	5.000%, 1/01/25 (Pre-refunded 1/01/22)	1/22 at 100.00	AA	2,750,000
1,975	5.000%, 1/01/26 (Pre-refunded 1/01/22)	1/22 at 100.00	AA	2,172,500
1,773	Columbia Local School District, Lorain County, Ohio,		7171	2,172,300
1,140	General Obligation Bonds, School Facilities Improvement Series 2011, 5.000%, 11/01/39 (Pre-refunded 11/01/21) – AGM Insured Franklin County, Ohio, Hospital Revenue Bonds,	11/21 at 100.00	A1	1,249,919
	Nationwide Children's Hospital Project, Improvement Series 2009:			
250	5.000%, 11/01/34 (Pre-refunded 11/01/19)	11/19 at 100.00	Aa2	259,425
2,615	5.250%, 11/01/40 (Pre-refunded 11/01/19)	11/19 at 100.00	Aa2	2,721,038
2,470	Franklin County, Ohio, Hospital Revenue Bonds, Nationwide Children's Hospital Project, Series 2008A, 5.000%, 11/01/40 (Pre-refunded 11/01/18)	11/18 at 100.00	Aa2	2,483,091
36				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	U.S. Guaranteed (6) (continued) Greater Cleveland Regional Transit Authority, Ohio, Sales Tax Supported Capital Improvement Bonds, Refunding Series 2012:			
\$ 1,010	5.250%, 12/01/27 (Pre-refunded 12/01/21)	12/21 at 100.00	AAA	\$ 1,117,777
1,090	5.250%, 12/01/28 (Pre-refunded 12/01/21)	12/21 at 100.00	AAA	1,206,314
760	5.250%, 12/01/30 (Pre-refunded 12/01/21)	12/21 at 100.00	AAA	841,100
600	5.000%, 12/01/31 (Pre-refunded 12/01/21)	12/21 at 100.00	AAA	659,334
3,225	Hancock County, Ohio, Hospital Revenue Bonds, Blanchard Valley Regional Health Center, Series 2011A,	6/21 at 100.00	A+	3,597,552
2,620	6.250%, 12/01/34 (Pre-refunded 6/01/21) Lucas County, Ohio, General Obligation Bonds, Various Purpose Series 2010, 5.000%, 10/01/40 (Pre-refunded 10/01/18)	10/18 at 100.00	AA	2,626,733
	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2008D:			
90	5.000%, 11/15/38 (Pre-refunded 11/15/18)	11/18 at 100.00	Baa1	90,596
40	5.125%, 11/15/40 (Pre-refunded 11/15/18)	11/18 at 100.00	Baa1	40,274
3,965	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41 (Pre-refunded 11/15/21)	11/21 at 100.00	Baa1	4,461,180
1,500	Milford Exempted Village School District, Ohio, General Obligation Bonds, School Improvement Series 2008, 5.250%, 12/01/36 (Pre-refunded 12/01/18)	12/18 at 100.00	Aa2	1,513,350
2,000	Northeast Ohio Regional Sewer District, Wastewater Improvement Revenue Bonds, Series 2013, 5.000%, 11/15/38 (Pre-refunded 5/15/23)	5/23 at 100.00	AA+	2,261,760
2,300	Northmor Local School District, Morrow County, Ohio, General Obligation Bonds, School Facilities Construction & Improvement Series 2008, 5.000%, 11/01/36 (Pre-refunded 11/01/18)		Aa2	2,312,374
945	Ohio State Higher Educational Facilities Commission, Hospital Revenue Bonds, Summa Health System Project, Series 2010, 5.750%, 11/15/40 (Pre-refunded 5/15/20) – AGM Insured	5/20 at 100.00	AA	1,008,306
3,000	Ohio State Higher Educational Facility Commission, Higher Education Facility Revenue Bonds, Xavier University	11/18 at 100.00	A3	3,019,590
950	2008C, 5.750%, 5/01/28 (Pre-refunded 11/01/18) Ohio State, Higher Educational Facility Revenue Bonds, Otterbein College Project, Series 2008A, 5.500%, 12/01/28	12/18 at 100.00	Baa1	959,016

	(Pre-refunded 12/01/18)			
4.550	Ohio State, Hospital Facility Revenue Bonds, Cleveland	1/10 - 100.00		4 600 012
4,550	Clinic Health System Obligated Group, Refunding Series	1/19 at 100.00	AA	4,608,013
	2009A, 15.118%, 1/01/39 (Pre-refunded 1/01/19)			
	Ohio State, Hospital Facility Revenue Refunding Bonds,			
5,350	Cleveland Clinic Health System Obligated Group, Tender Option Bond Trust 2015-XF0105, 15.118%, 1/01/39,	1/19 at 100.00	AA	5,622,797
	144A (Pre-refunded 1/01/19) (IF)			
	Ross County, Ohio, Hospital Revenue Refunding Bonds,			
	Adena Health System Series 2008:			
1 405		12/18 at		1 420 207
1,425	5.750%, 12/01/28 (Pre-refunded 12/01/18)	100.00	A–	1,439,207
1,385	5.750%, 12/01/35 (Pre-refunded 12/01/18)	12/18 at	A-	1,398,808
1,363	5.750%, 12/01/55 (Fie-feithfied 12/01/10)	100.00	Α-	1,570,000
1,000	5.750%, 12/01/35 (Pre-refunded 12/01/18) – AGC Insured	12/18 at	AA	1,009,970
-,000		100.00		-,,-,
	Vandalia Butler City School District, Montgomery County,			
	Ohio, General Obligation Bonds, School Improvement Series 2009:			
685	5.125%, 12/01/37 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R	702,289
315	5.125%, 12/01/37 (Pre-refunded 6/01/19)	6/19 at 100.00	AA–	323,067
81,135	Total U.S. Guaranteed	0/17 <b>at</b> 100.00	7 17 1	86,946,070
01,100	Utilities – 4.8% (3.1% of Total Investments)			00,5 .0,070
	American Municipal Power Ohio Inc., Prairie State Energy			
1,500	Campus Project Revenue Bonds, Series 2015A, 5.000%,	2/24 at 100.00	A1	1,638,600
	2/15/42			
	American Municipal Power, Inc., Ohio, Greenup			
1,430	Hydroelectric Project Revenue Bonds, Refunding Series	2/26 at 100.00	A1	1,584,297
	2016A, 5.000%, 2/15/41			
1,565	Cleveland, Ohio, Public Power System Revenue Bonds,	No Opt. Call	A-	878,059
	Series 2008B-1, 0.000%, 11/15/33 – NPFG Insured	•		
	Cleveland, Ohio, Public Power System Revenue Bonds, Series 2008B-2:			
2,000	0.000%, 11/15/28 – NPFG Insured	No Opt. Call	A–	1,402,740
6,895	0.000%, 11/15/32 – NFFG Insured	No Opt. Call	A– A–	4,052,192
2,155	0.000%, 11/15/32 – WFG Insured	No Opt. Call	A–	1,154,735
2,133	Ohio Air Quality Development Authority, Air Quality	•	2.1	1,13 1,733
1,500	Revenue Refunding Bonds, Columbus Southern Power	12/19 at	A2	1,561,455
	Company Project, Series 2009B, 5.800%, 12/01/38	100.00		, ,
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### Nuveen Ohio Quality Municipal Income Fund NUO Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
\$ 2,000	Utilities (continued) Ohio Air Quality Development Authority, Ohio, Pollution Control Revenue Bonds, FirstEnergy Generation Project, Refunding Series 2006A, 3.750%, 12/01/23 (Mandatory put 12/03/18) (5) Ohio Municipal Electric Generation Agency, Beneficial	No Opt. Call	N/R	\$ 1,200,000
950	Interest Certificates, Belleville Hydroelectric Project – Joint Venture 5, Series 2001, 0.000%, 2/15/29 – NPFG Insured	No Opt. Call	A1	668,031
19,995	Total Utilities Water and Sewer – 11.8% (7.6% of Total Investments)			14,140,109
8,000	Cincinnati, Ohio, Water System Revenue Bonds, Series 2016A, 5.000%, 12/01/46	12/26 at 100.00	AAA	9,141,119
2,035	Cleveland, Ohio, Water Revenue Bonds, Senior Lien Series 2012X, 5.000%, 1/01/42	1/22 at 100.00	AA+	2,197,495
545	Cleveland, Ohio, Waterworks First Mortgage Revenue Refunding and Improvement Bonds, Series 1993G, 5.500%, 1/01/21 – NPFG Insured	No Opt. Call	Aa1	568,773
1,275	Hamilton County, Ohio, Sewer System Revenue Bonds, Metropolitan Sewer District of Greater Cincinnati, Refunding Series 2014A, 5.000%, 12/01/31	12/24 at 100.00	AA+	1,453,283
2,025	Ironton, Ohio, Sewer System Improvement Revenue Bonds, Series 2011, 5.250%, 12/01/40 – AGM Insured Northeast Ohio Regional Sewer District, Wastewater Improvement Revenue Bonds, Refunding & Improvement Series 2014:	12/20 at 100.00	A2	2,092,169
2,950	5.000%, 11/15/39	11/24 at 100.00	AA+	3,309,487
1,400	5.000%, 11/15/44	11/24 at 100.00	AA+	1,561,336
	Toledo, Ohio, Sewerage System Revenue Bonds, Refunding Series 2013:	44.70		
820	5.000%, 11/15/25	11/23 at 100.00	Aa3	918,400
605	5.000%, 11/15/26	11/23 at 100.00	Aa3	675,725
1,075	5.000%, 11/15/27	11/23 at 100.00	Aa3	1,199,560
695	5.000%, 11/15/28	11/23 at 100.00	Aa3	774,459
10,000	Toledo, Ohio, Water System Revenue Bonds, Series 2016, 5.000%, 11/15/41 – AMBAC Insured (UB) (4)	11/26 at 100.00	AA-	11,280,300
31,425 \$ 447,325	Total Water and Sewer Total Long-Term Investments (cost \$444,094,891)			35,172,106 461,059,659

Floating Obligations – (6.7)%	(20,000,000)
Variable Rate Demand Preferred Shares, net of deferred	(147,754,691)
offering costs – (49.6)% (7)	(147,734,091)
Other Assets Less Liabilities – 1.5%	4,475,415
Net Assets Applicable to Common Shares – 100%	\$ 297,780,383

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
  may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
  - For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of
- (3) split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
  - As of, or subsequent to, the end of the reporting period this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the
- (5) payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund's records.
- Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
- Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 32.0%.
- Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.
- Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial
  UB Statements, Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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Nuveen Texas Quality Municipal Income Fund NTX Portfolio of Investments August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	LONG-TERM INVESTMENTS – 157.6% (100.0% of Total	(2)		
	Investments)			
	MUNICIPAL BONDS – 157.6% (100.0% of Total Investments)			
	Consumer Discretionary – 2.7% (1.7% of Total Investments)			
	San Antonio Convention Center Hotel Finance Corporation,	11/10		
\$ 4,060	Texas, Contract Revenue Empowerment Zone Bonds, Series 2005A, 5.000%, 7/15/39 – AMBAC Insured (Alternative Minimum Tax)	11/18 at 100.00	A3	\$4,060,447
	Education and Civic Organizations – 11.6% (7.4% of Total			
	Investments) Board of Regents of the University of Texas, Permanent			
2,500	University Fund Bonds, Refunding Series 2015A, 5.000%, 7/01/28	7/24 at 100.00	AAA	2,865,775
	Board of Regents, University of Texas System, Financing			
2,000	System Revenue Bonds, Refunding Series 2012B, 5.000%, 8/15/22	No Opt. Call	AAA	2,229,680
	Clifton Higher Education Finance Corporation, Texas,			
	Education Revenue Bonds, Uplift Education Charter School,			
	Series 2013A:	12/22 at		
1,000	4.350%, 12/01/42	100.00	BBB-	1,008,810
1,000	4.400%, 12/01/47	12/22 at 100.00	BBB-	1,008,800
1 220	Danbury Higher Education Authority, Texas, Charter School	8/23 at	DDD	1.050.640
1,230	Revenue Bonds, John H. Wood Jr. Public Charter District, Inspire Academies, Series 2013A, 6.000%, 8/15/28	100.00	BBB-	1,352,643
	Hale Center Education Facilities Corporation, Texas, Revenue	2/21 of		
1,000	Bonds, Wayland Baptist University Project, Improvement and	3/21 at 100.00	A-	1,060,460
	Refunding Series 2010, 5.000%, 3/01/35 Harris County Cultural Education Facilities Finance			
1 000	Corporation, Texas, Medical Facilities Revenue Bonds,	11/22 at		1 000 020
1,000	Baylor College of Medicine, Refunding Series 2012A,	100.00	A	1,098,930
	5.000%, 11/15/26			
• • • •	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Refunding Bonds, Young Men's	6/23 at		
3,000	Christian Association of the Greater Houston Area, Series 2013A, 5.000%, 6/01/38	100.00	Baa3	3,166,590
	Lone Star College System, Harris, Montgomery and San	2/21 at		
2,000	Jacinto Counties, Texas, Revenue Financing System Bonds, Series 2013, 5.000%, 2/15/36	100.00	AA	2,140,940
1,240	Scrics 2013, 3.00070, 2/13/30		AA	1,418,498

	Texas Public Finance Authority, Revenue Bonds, Texas Southern University Financing System, Refunding Series 2016, 5.000%, 5/01/27 – BAM Insured	5/26 at 100.00		
15,970	Total Education and Civic Organizations Energy – 1.4% (0.9% of Total Investments) Gulf Coast Industrial Development Authority, Texas, Solid			17,351,126
2,000	Waste Disposal Revenue Bonds, Citgo Petroleum Corporation Project, Series 1995, 4.875%, 5/01/25 (Alternative Minimum Tax)	10/22 at 100.00	BB	2,065,100
	Health Care – 4.8% (3.0% of Total Investments) Harris County Cultural Education Facilities Finance			
1,000	Corporation, Texas, Hospital Revenue Bonds, Memorial Hermann Healthcare System, Refunding Series 2013A, 5.000%, 12/01/35	12/22 at 100.00	A+	1,085,230
1,000	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015, 5.000%, 12/01/45	6/25 at 100.00	AA	1,101,920
1,350	Harrison County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Good Shepherd Health System, Refunding Series 2010, 5.250%, 7/01/28	7/20 at 100.00	A	1,398,060
515	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Hendrick Medical Center, Refunding Series 2013, 5.125%, 9/01/33	9/23 at 100.00	A	558,893
1,250	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project, Series 2016A, 5.000%, 11/15/32	5/26 at 100.00	AA-	1,420,588
1,590	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Christus Health, Refunding Series 2008A, 6.500%, 7/01/37 – AGC Insured	1/19 at 100.00	AA	1,613,627
6,705	Total Health Care Housing/Multifamily – 2.2% (1.4% of Total Investments)			7,178,318
3,000	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation – College Station I LLC – Texas A&M University Project, Series 2014A, 5.000%, 4/01/46 – AGM Insured	4/24 at 100.00	AA	3,244,890
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### Nuveen Texas Quality Municipal Income Fund NTX Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Tax Obligation/General – 31.9% (20.2% of Total			
	Investments)			
\$ 500	Austin Community College District, Texas, General Obligation Bonds, Refunding Limited Tax Series 2016, 5.000%, 8/01/23	No Opt. Call	AA+	\$566,495
	Cameron County, Texas, General Obligation Bonds, State			
1,620	Highway 550 Project, Series 2012, 5.000%, 2/15/32 – AGM Insured	2/22 at 100.00	AA	1,757,311
1,500	College Station, Texas, Certificates of Obligation, Series 2012, 5.000%, 2/15/32	2/21 at 100.00	AA+	1,604,955
1,000	El Paso County Hospital District, Texas, General Obligation Bonds, Refunding Series 2013, 5.000%, 8/15/33	8/23 at 100.00	A-	1,060,080
1,565	El Paso County, Texas, Certificates of Obligation, Series 2001, 5.000%, 2/15/21 – AGM Insured	No Opt. Call	AA	1,679,167
2,000	Houston, Texas, General Obligation Bonds, Refunding Public Improvement Series 2017A, 5.000%, 3/01/31	3/27 at 100.00	AA	2,317,280
3,255	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 0.000%, 8/01/45	8/21 at 100.00	A+	747,641
1,360	Jacksonville Independent School District, Cherokee County, Texas, General Obligation Bonds, School Building Series 2014, 5.000%, 2/15/39	2/24 at 100.00	Aaa	1,509,369
2,000	Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General Obligation Bonds, School Building Series 2017, 5.000%, 2/15/39	2/27 at 100.00	AAA	2,286,780
10,000	Katy Independent School District, Harris, Fort Bend and Waller Counties, Texas, General Obligation Bonds, Series 2017, 4.000%, 2/15/47 (UB) (4)	2/27 at 100.00	AAA	10,333,100
2,675	San Antonio Convention Center Hotel Finance Corporation, Texas, Contract Revenue Empowerment Zone Bonds, Series 2005A, 5.000%, 7/15/39 – AMBAC Insured (Alternative Minimum Tax)	8/24 at 100.00	AA-	2,987,039
1,350	Lubbock Independent School District, Lubbock County, Texas, General Obligation Bonds, School Building Series 2013A, 5.000%, 2/15/43	2/23 at 100.00	AAA	1,480,383
1,750	Martin County Hospital District, Texas, Combination Limited Tax and Revenue Bonds, Series 2011A, 7.250%, 4/01/36	4/21 at 100.00	BBB	1,878,783
	McCamey County Hospital District, Texas, General Obligation Bonds, Series 2013:			
1,000	5.750%, 12/01/33	12/25 at 100.00	B1	1,050,570

1,000	6.125%, 12/01/38	12/25 at 100.00	B1	1,056,970
1,425	Port of Houston Authority, Harris County, Texas, General Obligation Bonds, Series 2010E, 0.000%, 10/01/35	No Opt. Call	AAA	809,500
4,000	Prosper Independent School District, Collin County, Texas, General Obligation Bonds, Refunding Series 2015, 5.000%, 2/15/40	2/25 at 100.00	AAA	4,490,478
205	Reagan Hospital District of Reagan County, Texas, Limited Tax Revenue Bonds, Series 2014A, 5.125%, 2/01/39 Texas State, General Obligation Bonds, Transportation	2/24 at 100.00	Ba2	211,972
2,000	Commission Highway Improvement Series 2012A, 5.000%, 4/01/42	4/22 at 100.00	AAA	2,177,680
2,000	Texas State, General Obligation Bonds, Transportation Commission Highway Improvement, Series 2014, 5.000%, 4/01/44	4/24 at 100.00	AAA	2,227,700
2,000	Texas State, General Obligation Bonds, Transportation Commission Mobility Fund, Refunding Series 2014, 5.000%, 10/01/34	4/24 at 100.00	AAA	2,246,360
	West Texas Independent School District, McLennan and Hill Counties, General Obligation Refunding Bonds, Series 1998:			
45	0.000%, 8/15/22	11/18 at 100.00	AAA	36,366
45	0.000%, 8/15/24	11/18 at 100.00	AAA	32,607
9,000	Wylie Independent School District, Collin County, Texas, General Obligation Bonds, Capital Appreciation Series 2015, 0.000%, 8/15/45	8/25 at 44.15	Aaa	3,032,460
53,295	Total Tax Obligation/General Tax Obligation/Limited – 24.8% (15.7% of Total Investments)			47,581,046
2,000	Austin Community College District Public Facility Corporation, Texas, Lease Revenue Bonds, Highland Campus – Building 3000 Project, Series 2018A, 5.000%, 8/01/42	8/27 at 100.00	AA	2,253,860
40				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Tax Obligation/Limited (continued)			
\$ 1,000	Bexar County, Texas, Venue Project Revenue Bonds, Refunding Combined Venue Tax Series 2010, 5.250%, 8/15/38 – AGM Insured	8/19 at 100.00	AA	\$1,032,150
	Bexar County, Texas, Venue Project Revenue Bonds, Refunding Combined Venue Tax Series 2015:			
1,060	5.000%, 8/15/34 – AGM Insured	8/24 at 100.00	AA	1,177,056
1,160	5.000%, 8/15/35 – AGM Insured	8/24 at 100.00	AA	1,286,104
1,100	Dallas Area Rapid Transit, Texas, Sales Tax Revenue			1,200,10
1,175	Bonds, Refunding Senior Lien Series 2014A, 5.000%, 12/01/36	12/24 at 100.00	AA+	1,327,010
1,680	Dallas Area Rapid Transit, Texas, Sales Tax Revenue Bonds, Refunding Series 2016A, 5.000%, 12/01/48	12/25 at 100.00	AA+	1,887,799
	Flower Mound, Texas, Special Assessment Revenue			
500	Bonds, River Walk Public Improvement District 1, Series 2014, 6.500%, 9/01/36	9/19 at 103.00	N/R	507,760
	Harris County Metropolitan Transit Authority, Texas,			
2,500	Sales and Use Tax Revenue Bonds, Contractual	No Opt. Call	AA+	2,926,750
	Obligations Series 2015B, 5.000%, 11/01/25			
	Harris County Metropolitan Transit Authority, Texas,	11/21 at		
1,390	Sales and Use Tax Revenue Bonds, Refunding Series	100.00	AA+	1,502,243
	2011A, 5.000%, 11/01/41 Harris County Houston Sports Authority Toyog Payanua			
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series 2001H:			
450	0.000%, 11/15/24 – NPFG Insured	No Opt. Call	Baa2	362,088
210	0.000%, 11/15/32 – NPFG Insured	11/31 at 94.05	Baa2	116,063
260	0.000%, 11/15/33	11/31 at 88.44	Baa2	134,423
2,045	0.000%, 11/15/34 – NPFG Insured	11/31 at 83.17	Baa2	989,146
1,130	0.000%, 11/15/36 – NPFG Insured	11/31 at 73.51	Baa2	478,160
4,370	0.000%, 11/15/38 – NPFG Insured	11/31 at 64.91	Baa2	1,618,124
2,260	0.000%, 11/15/39 – NPFG Insured	11/31 at 60.98	Baa2	783,067
400	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Second Lien Series 2014C, 5.000%,	11/24 at	A3	437,560
.00	11/15/34	100.00	110	.67,600
	Harris County-Houston Sports Authority, Texas, Revenue	11/04		
1,000	Bonds, Refunding Senior Lien Series 2014A, 5.000%, 11/15/28	11/24 at 100.00	A2	1,123,670
	Harris County-Houston Sports Authority, Texas, Revenue			
3,440	Bonds, Senior Lien Series 2001G, 0.000%, 11/15/41 –	11/31 at 53.78	A2	1,104,171
	NPFG Insured			
	Harris County-Houston Sports Authority, Texas, Revenue			
1,000	Bonds, Third Lien Series 2004A-3, 0.000%, 11/15/33 – NPFG Insured	11/24 at 59.10	Baa2	467,790
	Houston, Texas, Hotel Occupancy Tax and Special			
1,015	Revenue Bonds, Convention and Entertainment Facilities Department, Refunding Series 2014, 5.000%, 9/01/34	9/24 at 100.00	A2	1,118,500
1,470	2 tp	No Opt. Call	A2	850,513

	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project,			
	Series 2001B, 0.000%, 9/01/32 – AMBAC Insured			
10,000	Texas State Transportation Commission, Highway Fund Revenue Bonds, Series 2016A, 5.000%, 10/01/30 (UB) (4)	10/26 at 100.00	AAA	11,642,300
	Via Metropolitan Transit Advanced Transportation			
1,735	District, Texas, Sales Tax Revenue Bonds, Refunding &	8/24 at 100.00	AAA	1,961,556
42.250	Improvement Series 2014, 5.000%, 8/01/38			27 007 062
43,250	Total Tax Obligation/Limited Transportation – 21.9% (13.9% of Total Investments)			37,087,863
	Austin, Texas, Airport System Revenue Bonds, Series	11/24 at		
3,000	2015, 5.000%, 11/15/39 (Alternative Minimum Tax)	100.00	A1	3,281,700
	Central Texas Regional Mobility Authority, Revenue			
665	Bonds, Refunding Subordinate Lien Series 2013, 5.000%,	1/23 at 100.00	BBB	707,680
	1/01/42			
	Central Texas Regional Mobility Authority, Revenue			
	Bonds, Senior Lien Series 2010:			
2,945	0.000%, 1/01/36	No Opt. Call	BBB+	1,472,942
2,205	0.000%, 1/01/37	No Opt. Call	BBB+	1,053,902
2,160	0.000%, 1/01/38	No Opt. Call	BBB+	987,876
1,000	0.000%, 1/01/40	No Opt. Call	BBB+	418,270
1,000	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding Series 2010A, 5.000%, 11/01/42	11/20 at 100.00	A+	1,057,730

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### Nuveen Texas Quality Municipal Income Fund NTX Portfolio of Investments (continued) August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Transportation (continued)			
\$ 1,165	Dallas-Fort Worth International Airport, Texas, Joint Revenue Bonds, Refunding Series 2012B, 5.000%, 11/01/35	11/20 at 100.00	A+	\$ 1,234,038
1,670	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.125%, 10/01/43	10/23 at 100.00	A-	1,824,275
1,640	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 4/01/53	10/23 at 100.00	AA+	1,791,618
1,165	Harris County, Texas, Toll Road Revenue Bonds, Refunding Senior Lien Series 2012C, 5.000%, 8/15/31	8/22 at 100.00	AA	1,281,558
5,150	Harris County, Texas, Toll Road Revenue Bonds, Refunding Senior Lien Series 2016A, 5.000%, 8/15/41	8/26 at 100.00	Aa2	5,807,189
2,000	Houston, Texas, Airport System Revenue Bonds, Refunding Subordinate Lien Series 2012A, 5.000%, 7/01/31 (Alternative Minimum Tax)	7/22 at 100.00	A+	2,164,400
1,750	Love Field Airport Modernization Corporation, Texas, General Airport Revenue Bonds Series 2015, 5.000%, 11/01/35 (Alternative Minimum Tax)	11/25 at 100.00	A1	1,940,523
3,000	Love Field Airport Modernization Corporation, Texas, Special Facilities Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	11/20 at 100.00	A3	3,175,230
	North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A:			
20	6.100%, 1/01/28	1/19 at 100.00	A1	20,268
375	6.250%, 1/01/39	1/19 at 100.00	A1	380,138
2,500	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier, Series 2008D, 0.000%, 1/01/36 – AGO	No Opt. Call	AA	1,340,625
	Insured Son Antonio, Toyos, Airport System Bayanya Banda			
2,500	San Antonio, Texas, Airport System Revenue Bonds, Refunding Series 2012, 5.000%, 7/01/27 (Alternative Minimum Tax)	7/22 at 100.00	A+	2,703,625
35,910	Total Transportation U.S. Guaranteed – 16.8% (10.7% of Total Investments) (5)			32,643,587
2,500	Bexar Metropolitan Water District, Texas, Waterworks System Revenue Bonds, Refunding Series 2010, 5.875%, 5/01/40 (Pre-refunded 5/01/20)	5/20 at 100.00	AA	2,668,775
185	El Paso County, Texas, Certificates of Obligation, Series 2001, 5.000%, 2/15/21 – AGM Insured (ETM)	No Opt. Call	AA	199,140
2,000	Laredo Community College District, Webb County, Texas, Combined Fee Revenue Bonds, Series 2010, 5.250%, 8/01/35 (Pre-refunded 8/01/20) – AGM Insured	8/20 at 100.00	AA	2,127,880
4,000	6/01/33 (11c-refunded 6/01/20) – AGIVI IIIsured	3/20 at 100.00	AA-	4,204,840

	Laredo, Webb County, Texas, Waterworks and Sewer System Revenue Bonds, Series 2010, 5.250%, 3/01/40			
	(Pre-refunded 3/01/20)			
365	Lone Star College System, Harris and Montgomery Counties, Texas, General Obligation Bonds, Series 2009, 5.000%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	AAA	376,512
	Lower Colorado River Authority, Texas, Revenue Bonds,			
25	Refunding Series 2012B, 5.000%, 5/15/29 (Pre-refunded 5/15/22)	5/22 at 100.00	N/R	27,601
	Montgomery County, Texas, General Obligation Bonds,			
1,500	Refunding Series 2008B, 5.250%, 3/01/32 (Pre-refunded 3/01/19)	3/19 at 100.00	Aaa	1,527,075
	North Central Texas Health Facilities Development			
845	Corporation, Hospital Revenue Bonds, Presbyterian Healthcare System, Series 1996A, 5.750%, 6/01/26 – NPFG	No Opt. Call	Aaa	969,418
	Insured (ETM)			
	North Central Texas Health Facilities Development			
2,000	Corporation, Texas, Revenue Bonds, Children's Medical	8/19 at 100.00	Aa2	2,077,080
,	Center Dallas Project, Series 2009, 5.750%, 8/15/39 (Pre-refunded 8/15/19)			, ,
	North Central Texas Health Facilities Development			
885	Corporation, Texas, Revenue Bonds, Children's Medical	8/22 at 100.00	Aa2	985,209
000	Center Dallas Project, Series 2012, 5.000%, 8/15/32 (Pre-refunded 8/15/22)	o, <b>22 a.</b> 100 <b>.</b> 00		, , , , , ,
	North Texas Tollway Authority, Special Projects System			
3,000	Revenue Bonds, Current Interest Series 2011D, 5.000%,	9/21 at 100.00	N/R	3,266,220
	9/01/31 (Pre-refunded 9/01/21)			
	North Texas Tollway Authority, Special Projects System			
2,000	Revenue Bonds, Series 2011A, 5.500%, 9/01/41	9/21 at 100.00	N/R	2,206,400
	(Pre-refunded 9/01/21)			
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Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
, ,	U.S. Guaranteed (5) (continued) North Texas Tollway Authority, System Revenue Bonds, First Tier Series 2009A:			
\$ 80	6.100%, 1/01/28 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R	\$ 81,134
1,625	6.250%, 1/01/39 (Pre-refunded 1/01/19) Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott &	1/19 at 100.00	N/R	1,648,806
	White Healthcare Project, Series 2010:			
95	5.250%, 8/15/40 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R	101,197
1,155	5.250%, 8/15/40 (Pre-refunded 8/15/20)	8/20 at 100.00	AA-	1,232,628
410	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Christus Health, Refunding Series 2008A, 6.500%, 7/01/37 (Pre-refunded 1/01/19) – AGC Insured	1/19 at 100.00	AA	416,540
	Uptown Development Authority, Houston, Texas, Tax			
1,000	Increment Contract Revenue Bonds, Infrastructure Improvement Facilities, Series 2009, 5.500%, 9/01/29	9/19 at 100.00	BBB	1,036,400
23,670	(Pre-refunded 9/01/19) Total U.S. Guaranteed			25,152,855
23,070	Utilities – 15.6% (9.9% of Total Investments)			25,152,655
2,000	Austin, Texas, Electric Utility System Revenue Bonds, Refunding Series 2012A, 5.000%, 11/15/40	11/22 at 100.00	AA	2,192,000
3,000	Austin, Texas, Electric Utility System Revenue Bonds, Refunding Series 2015A, 5.000%, 11/15/38	11/25 at 100.00	AA	3,373,140
2,560	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 1999C, 7.700%, 3/01/32 (Alternative Minimum Tax) (6)	11/18 at 100.00	N/R	26
2,000	Brownsville, Texas, Utility System Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/31	9/25 at 100.00	A+	2,262,620
3,000	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2010A, 5.000%, 5/15/40	5/20 at 100.00	A	3,133,230
1,150	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2012A, 5.000%, 5/15/36	5/22 at 100.00	A	1,242,368
1,975	Lower Colorado River Authority, Texas, Revenue Bonds, Refunding Series 2012B, 5.000%, 5/15/29	5/22 at 100.00	A	2,157,628
1,500	Matagorda County Navigation District Number One, Texas, Pollution Control Revenue Refunding Bonds, Central Power and Light Company Project, Series 2009A, 6.300%, 11/01/29	7/19 at 102.00	A-	1,581,675
1,000	Sam Rayburn Municipal Power Agency, Texas, Power Supply System Revenue Bonds, Refunding Series 2012, 5.000%, 10/01/20	No Opt. Call	BBB+	1,057,030
3,000	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26	No Opt. Call	A-	3,476,460
1,000	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Series 2006A, 5.250%,	No Opt. Call	A-	1,067,360

		12/15/20			
		Texas Municipal Power Agency, Revenue Bonds,			
		Refunding Transmission Series 2010:			
	640	5.000%, 9/01/34	9/20 at 100.00	A+	674,810
	1,000	5.000%, 9/01/40	9/20 at 100.00	A+	1,051,990
	23,825	Total Utilities  Wester and Source 22 00/ (15 20/ of Total Investments)			23,270,337
		Water and Sewer – 23.9% (15.2% of Total Investments) Austin, Texas, Water and Wastewater System Revenue	11/26 at		
	1,450	Bonds, Refunding Series 2016A, 5.000%, 11/15/41	100.00	AA	1,651,333
		Bell County Water Control Improvement District 1, Texas,	100.00		
	1,575	Water Revenue Bonds, Series 2014, 5.000%, 7/10/38 –	7/23 at 100.00	AA	1,722,751
	1,575	BAM Insured	7723 dt 100.00	7 1 7	1,722,731
		Canadian River Municipal Water Authority, Texas,			
	2.500	Contract Revenue Bonds, Conjunctive Use Groundwater	0/01 / 100 00		2 (75 550
	2,500	Supply Project, Subordinate Lien Series 2011, 5.000%,	2/21 at 100.00	AA	2,675,550
		2/15/31			
	2,000	Corpus Christi, Texas, Utility System Revenue Bonds,	7/23 at 100.00	A+	2,191,940
	2,000	Improvement Junior Lien Series 2013, 5.000%, 7/15/43	7725 at 100.00	Αт	2,191,940
	5,000	Dallas, Texas, Waterworks and Sewer System Revenue	10/27 at	AAA	5,712,148
	3,000	Bonds, Refunding Series 2017, 5.000%, 10/01/46	100.00	11111	3,712,110
	3,000	Houston, Texas, Combined Utility System Revenue Bonds,		Aa2	3,480,600
	- ,	Refunding First Lien Series 2018D, 5.000%, 11/15/36	100.00		-,,
	2.000	Houston, Texas, First Lien Combined Utility System	11/22 at	A A	2 104 520
	2,000	Revenue Bonds, Refunding Series 2012D, 5.000%, 11/15/42	100.00	AA	2,194,520
		North Fort Bend Water Authority, Texas, Water System			
	710	Revenue Bonds, Series 2011, 5.000%, 12/15/36 – AGM	12/21 at	AA	766,431
	710	Insured	100.00	7 1 7	700,431
_	43				

Nuveen Texas Quality Municipal Income Fund NTX Portfolio of Investments (continued)

August 31, 2018 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Water and Sewer (continued)			
	North Harris County Regional Water Authority, Texas,			
\$\$ 3,860	Water Revenue Bonds, Refunding Senior Lien Series	12/22 at 100.00	AA-	\$ 4,239,166
	2013, 5.000%, 12/15/33			
	Nueces River Authority, Texas, Water Supply			
1,000	Revenue Bonds, Corpus Christi Lake Texana	7/25 at 100.00	AA–	1,157,380
	Project, Refunding Series 2015, 5.000%, 7/15/26			
2,640	San Antonio, Texas, Water System Revenue Bonds,	5/25 at 100.00	AA	2,985,312
,	Refunding Junior Lien Series 2015B, 5.000%, 5/15/34			, ,
1,000	San Antonio, Texas, Water System Revenue Bonds,	5/28 at 100.00	AA	1,144,480
	Refunding Junior Lien Series 2018A, 5.000%, 5/15/48			
<b>5</b> 000	Texas Water Development Board, State Water	4/20 at 100 00	A A A	5 770 749
5,000	Implementation Revenue Fund Bonds, Master Trust	4/28 at 100.00	AAA	5,770,748
31,735	Taxable Series 2018A, 5.000%, 10/15/43 Total Water and Sewer			35,692,359
\$ 243,420	Total Long-Term Investments (cost \$224,164,107)			235,327,928
Ψ 2+3,+20	Floating Rate Obligations – (10.7)%			(16,000,000)
	MuniFund Preferred Shares, net of deferred offering			(10,000,000)
	costs – (48.0)% (7)			(71,631,666)
	Other Assets Less Liabilities – 1.1%			1,590,161
	Net Assets Applicable to Common Shares – 100%			\$149,286,423
	r r			, ,

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
  may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
  - For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of
- (3) split-rated securities may differ from that used for other purposes, such as for Fund investment policies. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest.
  - As of, or subsequent to, the end of the reporting period, this security is non-income producing. Non-income producing, in the case of a fixed-income security, generally denotes that the issuer has (1) defaulted on the
- (6) payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court or (3) the Fund's Adviser has \concluded that the issue is not likely to meet its future interest payment obligations and has ceased accruing additional income on the Fund's records.
- MuniFund Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 30.4%.
   ETM Escrowed to maturity.
   UB

Underlying bond of an inverse floating rate trust reflected as a financing transaction. See Notes to Financial Statements, Note 3 – Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities for more information.

See accompanying notes to financial statements.

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## Statement of Assets and Liabilities August 31, 2018 (Unaudited)

	NAZ	NUM	NUO	NTX
Assets				
Long-term investments, at value (cost \$249,151,243, \$469,548,596,				
\$444,094,891 and \$224,164,107, respectively)	¢250 071 405	\$487,309,829	\$461,059,659	\$235,327,928
Cash	561,021	838,551	458,036	\$233,321,926
Receivable for:	301,021	050,551	450,050	_
Interest	2,362,935	6,204,277	5,172,804	2,438,058
Investments sold	1,789,836	0,204,277	25,000	2,430,030
Other assets	2,591	60,421	24,944	3,032
Total assets	263,587,868	494,413,078	466,740,443	237,769,018
Liabilities	203,367,808	494,413,076	400,740,443	237,709,016
Cash overdraft				236,240
	0.755,000	12 265 000	20,000,000	
Floating rate obligations	9,755,000	12,265,000	20,000,000	16,000,000
Payable for: Dividends	106 102	056 150	012 760	121 156
Interest	496,183 179,310	856,158	813,768	424,456
	179,310	351,309	_	_
MuniFund Preferred ("MFP") Shares, net of deferred				
offering costs	<b>)</b>			
(liquidation preference \$—, \$—, \$— and \$72,000,000	),			71 621 666
respectively)	_	_	_	71,631,666
Variable Rate MuniFund Term Preferred ("VMTP")				
Shares, net of deferred				
offering costs (liquidation preference \$88,300,000, \$173,000,000, \$—,				
and \$—, respectively)	88,293,193	172,989,269	_	_
Variable Rate Demand Preferred ("VRDP") Shares,	,,-,-,-	, ,		
net of deferred				
offering costs (liquidation preference \$—, \$—,				
\$148,000,000,				
and \$—, respectively)	_	_	147,754,691	_
Accrued expenses:			, , ,	
Management fees	137,573	245,950	245,247	121,571
Trustees fees	1,026	59,952	23,751	898
Other	79,930	118,667	122,603	67,764
Total liabilities	98,942,215	186,886,305	168,960,060	88,482,595
Net assets applicable to common shares outstanding	\$164,645,653	\$307,526,773	\$297,780,383	\$149,286,423
Common shares outstanding	11,698,658	20,566,204	18,493,255	10,027,210
Net asset value ("NAV") per common share	,-, -, -, -	,,,,	,,	,,
outstanding	\$14.07	\$14.95	\$16.10	\$14.89
Net assets applicable to common shares consist of:	7	4 - 132	7	7 - 1102
Common shares, \$0.01 par value per share	\$116,987	\$205,662	\$184,933	\$100,272
Paid-in surplus	158,013,999	291,891,200	280,503,560	141,062,607
Undistributed (Over-distribution of) net investment	, , , , , , , , , ,	, , , , , , , , , ,	, , , , , , , , , ,	, ,
income	(524,057	(512,326)	(546,528)	(8,910)
Accumulated net realized gain (loss)	(2,681,518			(3,031,367)
	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , ,	,	, , , , , , , , , , , , , , , , , , , ,

Net unrealized appreciation (depreciation) 9,720,242 17,761,233 16,964,768 11,163,821 Net assets applicable to common shares \$164,645,653 \$307,526,773 \$297,780,383 \$149,286,423 Authorized shares:

Common Unlimited Unlimited Unlimited Unlimited Unlimited Unlimited Unlimited Unlimited Preferred

See accompanying notes to financial statements.

## Statement of Operations

Six Months Ended August 31, 2018 (Unaudited)

	NAZ	NUM	NUO	NTX
Investment Income	\$4,738,249	\$9,413,378	\$8,566,304	\$4,542,287
Expenses				
Management fees	807,028	1,464,527	1,457,913	722,495
Interest expense and amortization of offering costs	1,081,537	2,129,744	1,828,572	955,544
Custodian fees	21,391	31,175	28,716	17,310
Trustees fees	3,627	6,945	6,419	3,177
Professional fees	16,583	17,957	64,475	17,423
Shareholder reporting expenses	12,644	21,758	22,028	13,795
Shareholder servicing agent fees	7,551	13,149	1,714	2,088
Stock exchange listing fees	3,641	3,384	3,384	3,384
Investor relations expenses	7,218	13,421	12,503	6,436
Shelf offering expenses	200,208	_	_	_
Other	22,178	20,369	28,692	19,930
Total expenses	2,183,606	3,722,429	3,454,416	1,761,582
Net investment income (loss)	2,554,643	5,690,949	5,111,888	2,780,705
Realized and Unrealized Gain(Loss)				
Net realized gain (loss) from investments	79,553	(320,754)	65,517	60,780
Change in net unrealized appreciation (depreciation) of				
investments	6,288	(410,072)	(248,933)	(644,693)
Net realized and unrealized gain (loss)	85,841	(730,826)	(183,416)	(583,913)
Net increase (decrease) in net assets applicable to				
common shares from operations	\$2,640,484	\$4,960,123	\$4,928,472	\$2,196,792

See accompanying notes to financial statements.

## Statement of Changes in Net Assets (Unaudited)

	NAZ Six Months Ended 8/31/18	Year Ended 2/28/18	NUM Six Months Ended 8/31/18	Year Ended 2/28/18
Operations				
Net investment income (loss)	\$2,554,643	\$7,342,444	\$5,690,949	\$12,701,288
Net realized gain (loss) from investments	79,553	2,324,539	(320,754	) 111,781
Change in net unrealized appreciation (depreciation)				
of investments	6,288	(3,887,305)	(410,072	(2,895,282)
Net increase (decrease) in net assets applicable				
to common shares from operations	2,640,484	5,779,678	4,960,123	9,917,787
Distributions to Common Shareholders				
From net investment income	(3,088,446)	(7,491,154)	(5,531,849	(13,015,363)
Decrease in net assets applicable to common	,	, , , ,		, , , , ,
shares from distributions to common shareholders	(3,088,446)	(7,491,154)	(5,531,849	(13,015,363)
Capital Share Transactions	,	, , , ,		, , , , ,
Common shares:				
Proceeds from shelf offering, net of offering costs	69,117	1,484,129	<u> </u>	_
Net proceeds from shares issued to shareholders	,	, ,		
due to reinvestment of distributions	_	111,107	<u> </u>	<u> </u>
Cost of shares repurchased and retired	_	<u> </u>	(2,818,987	(281,969)
Net increase (decrease) in net assets applicable to				, , , ,
common shares from capital share transactions	69,117	1,595,236	(2,818,987	(281,969)
Net increase (decrease) in net assets applicable to	,	•		
common shares	(378,845)	(116,240	(3,390,713	(3,379,545)
Net assets applicable to common shares at the				, , , , ,
beginning of period	165,024,498	165,140,738	310,917,486	314,297,031
Net assets applicable to common shares at				
the end of period	\$164,645,653	\$165,024,498	\$307,526,773	\$310,917,486
Undistributed (Over-distribution of) net			,	
investment income at the end of period	\$(524,057)	\$9,746	\$(512,326	\$ (671,426)
See accompanying notes to financial statements				

See accompanying notes to financial statements.

## Statement of Changes in Net Assets (Unaudited) (continued)

	NUO		NTX	
	Six Months	Year	Six Months	Year
	Ended	Ended	Ended	Ended
	8/31/18	2/28/18	8/31/18	2/28/18
Operations				
Net investment income (loss)	\$5,111,888	\$12,573,364	\$2,780,705	\$5,744,052
Net realized gain (loss) from investments	65,517	3,405,401	60,780	440,616
Change in net unrealized appreciation (depreciation)				
of investments	(248,933	) (6,878,414	) (644,693	) (1,829,092 )
Net increase (decrease) in net assets applicable				
to common shares from operations	4,928,472	9,100,351	2,196,792	4,355,576
Distributions to Common Shareholders				
From net investment income	(5,384,758	) (13,161,701)	) (2,797,592	) (6,412,401 )
Decrease in net assets applicable to common				
shares from distributions to common shareholders	(5,384,758	) (13,161,701)	) (2,797,592	) (6,412,401 )
Capital Share Transactions				
Common shares:				
Proceeds from shelf offering, net of offering costs	_	_	_	_
Net proceeds from shares issued to shareholders				
due to reinvestment of distributions	<del>_</del>	<del></del>	_	_
Cost of shares repurchased and retired	(392,161	) —	_	_
Net increase (decrease) in net assets applicable to	(202.454			
common shares from capital share transactions	(392,161	) —	_	_
Net increase (decrease) in net assets applicable to				
common shares	(848,447	) (4,061,350	(600,800	) (2,056,825 )
Net assets applicable to common shares at the	200 (20 020	202 (00 100	4.40.00=.000	4 7 4 0 4 4 0 4 0
beginning of period	298,628,830	302,690,180	149,887,223	151,944,048
Net assets applicable to common shares at	<b>****</b>	<b>\$200.620.020</b>	<b></b>	<b>** ** ** ** ** ** ** **</b>
the end of period	\$297,780,383	\$298,628,830	\$149,286,423	\$149,887,223
Undistributed (Over-distribution of) net	Φ ( <b>5.46.50</b> 0	Φ (272 (50	ν Φ (Ο Ο1Ο	ν Φ.Ζ. Ο.Ζ.Ζ.
investment income at the end of period	\$(546,528	\$(273,658)	\$(8,910)	\$7,977
See accompanying notes to financial statements.				
48				

Explanation of Responses:

Statement

of

Cash

Flows

Six

Months

Ended

August

31,

2018

(Unaudited)

	NAZ		NUM		NUO		NTX	
Cash Flows from Operating Activities:								
Net Increase (Decrease) in Net Assets Applicable to								
Common Shares								
from Operations	\$2,640,484		\$4,960,123		\$4,928,472		\$2,196,792	
Adjustments to reconcile the net increase (decrease) in net assets								
applicable to common shares from operations to net								
cash provided								
by (used in) operating activities:								
Purchases of investments	(12,430,139	)	(32,386,087)	)	(10,504,886	<u> </u>	(12,117,068	()
Proceeds from sales and maturities of investments	6,877,793	,	32,968,667		9,059,135	,	10,203,475	,
Taxes paid		)		)		)	(245	)
Amortization (Accretion) of premiums and discounts,		,	(- )	,	, , , , , ,	,		,
net	1,295,968		1,814,257		1,808,369		465,455	
Amortization of deferred offering costs	135,665		7,206		4,944		6,397	
(Increase) Decrease in:	,		,		,		,	
Receivable for interest	(25,037	)	208,141		(114,716	)	(35,357	)
Receivable for investments sold	479,319				<del></del>		2,178,490	
Other assets		)	(10,099	)	(2,086	)	3,118	
Increase (Decrease) in:	<b>,</b> ,							
Payable for interest	46,037		90,197		_		_	
Payable for investments purchased	(2,256,923	)	_		_		_	
Accrued management fees	15,852		21,973		22,868		11,309	
Accrued Trustees fees	(1,777	)	3,809		391		(1,555	)
Accrued other expenses	8,295		9,978		15,537		3,739	
Net realized (gain) loss from investments	(79,553	)	320,754		(65,517	)	(60,780	)
Change in net unrealized appreciation (depreciation) of								
investments	(6,288	)	410,072		248,933		644,693	
Net cash provided by (used in) operating activities	(3,302,282	)	8,413,626		5,357,379		3,498,463	
Cash Flows from Financing Activities								
Proceeds from shelf offering, net of offering costs	69,117		_		_		_	
Increase (Decrease) in:								
Cash overdraft	(52,223	)	_		_		(620,379	)
Floating rate obligations	7,000,000		_		_		_	

(4)
3)

See accompanying notes to financial statements.

### Financial Highlights (Unaudited)

Selected data for a common share outstanding throughout each period:

						Less Dis								
		Investr	nent Ope	rat	tions	to Comr	non Share	holders	Commo	n Share	•			
									Premiurbiscount					
							From			per	per			
			Net				Accum-			Share	Share			
	Beginning	gNet	Realized	1/		From	ulated			Sold	Repur-	-		
	Common	Investr	n <b>em</b> realiz	zed	l	Net	Net		Shelf	throug	hchased	l		Ending
	Share	Income	Gain			Investm	eRealized		Offering	Shelf	and		Ending	Share
	NAV	(Loss)	(Loss)		Total	Income	Gains	Total	Costs	Offeri	n <b>R</b> etired	d	NAV	Price
NAZ														
Year End	ded													
2/28-2/2	9:													
2019(e)	\$ 14.11	\$0.22	\$ (0.01	)	\$0.21	\$(0.26)	<b>\$</b> —	\$(0.26)	\$0.01	\$ —	\$ —		\$14.07	\$12.51
2018	14.26	0.63	(0.13)	)	0.50	(0.64)	_	(0.64)	(0.01)	*	<u> </u>		14.11	13.69
2017	15.01	0.68	(0.68)	)	(0.00)	(0.75)	_	(0.75)	_		_		14.26	14.22
2016	15.02	0.76	0.03		0.79	(0.80)	_	(0.80)	—				15.01	15.74
2015	14.15	0.79	0.87		1.66	(0.79)	_	(0.79)	—				15.02	14.37
2014	15.47	0.55	(1.10	)	(0.55)	(0.77)	_	(0.77)	_		_		14.15	12.79
NUM														
Year End														
2/28–2/2	9:													
2019(e)	14.96	0.27	(0.04)	)	0.23	(0.27)	_	(0.27)	_	_	0.03		14.95	12.66
2018	15.10	0.61	(0.12)		0.49	(0.63)		(0.63)	_	_	_	*	14.96	12.84
2017	15.93	0.68	(0.73)	)	(0.05)	(0.72)	(0.06)	(0.78)	_	_	_		15.10	13.50
2016	15.80	0.76	0.15		0.91	(0.78)	*	(0.78)	_	_	_	*	15.93	14.01
2015	14.98	0.80	0.88		1.68	(0.86)		(0.86)	_	_	_		15.80	13.85
2014	16.35	0.80	(1.28	)	(0.48)	(0.89)	_	(0.89)	_	_	_	*	14.98	13.45

Total Return Based on Common Share NAV is the combination of changes in common share NAV, reinvested dividend income at NAV and reinvested capital gains distributions at NAV, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending NAV. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its NAV), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the calculation. Total returns are not annualized.

## Common Share Supplemental Data/ Ratios Applicable to Common Shares

Common Share Ratios to Average Net
Total Returns Assets(b)

	Based		Ending			Net			
Based	on		Net			Investmen	nt	Portfoli	o
on	Share		Assets			Income		Turnove	er
NAV(a)	Price(a)		(000)	) Expenses(c	)	(Loss)		Rate(d)	
1.60 %	(6.73)	)%	\$164,646	2.51	%**	3.19	%**	3	%
3.44	0.69		165,024	2.03		4.35		19	
(0.07)	(5.03)	)	165,141	1.91		4.54		13	
5.45	15.59		173,767	1.51		5.12		9	
12.01	18.94		173,648	1.56		5.37		13	
(3.40)	(13.52)	)	163,635	2.47		4.93		14	
1.73	0.70		307,527	2.38	**	3.64	**	7	
3.19	(0.39)	)	310,917	2.07		3.98		8	
(0.40)	1.74		314,297	1.88		4.34		20	
5.97	7.15		331,466	1.52		4.85		12	
11.45	9.48		329,232	1.57		5.14		15	
(2.76)	(8.00	)	312,180			5.32		15	
, ,	,		1						

- (b) Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to preferred shares issued by the Fund.
- The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

	NUM				
:	Year Ended 2/28–2/29:				
1.30%**	2019(e)	1.36%**			
0.95	2018	1.06			
0.87	2017	0.88			
0.49	2016	0.52			
0.50	2015	0.53			
1.32	2014	0.84			
	1.30%** 0.95 0.87 0.49 0.50	Year Ended 2/28–2/29 1.30%** 2019(e) 0.95 2018 0.87 2017 0.49 2016 0.50 2015			

(d) Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 – Investment Transactions) divided by the average long-term market value during the period.

- (e) For the six months ended August 31, 2018.
- \* Rounds to less than \$0.01 per share.
- \*\* Annualized.

See accompanying notes to financial statements.

Financial Highlights (Unaudited) (continued)

Selected data for a common share outstanding throughout each period:

	Investment Operations			ons	Less Distributions to Common Shareholders				Common Share Premium Discount					
			Net				Fro	om cum-		p	er hare	per Share		
	Beginning	Net	Realized	/		From	ula	ted		S	old	Repur-		
	Common		n <b>em</b> realiz	ed		Net	Ne				rough	chased		Ending
	Share	Income				Investm				Offe	_	and	Ending	Share
	NAV	(Loss)	(Loss)		Total	Income	Ga	ins	Total	Cost	ffering	Retired	NAV	Price
NUO														
Year End														
2/28–2/2		фо. <b>2</b> 0	Φ (0.01	,	ΦΟ 27	Φ (O. <b>2</b> O.)	ф		Φ (0.20)	Φ Φ		Φ 4	<b>01610</b>	Ф12.02
2019(e)		\$0.28	\$ (0.01	)	\$0.27	\$(0.29)	\$	_	\$(0.29)	<b>\$—\$</b>	_	\$ —*	\$16.10	\$13.83
2018	16.34	0.68	(0.19	)	0.49	(0.71)		_	(0.71)	_	_	_	16.12	14.14
2017	17.16	0.74	(0.81	)	(0.07)	(0.75)		_	(0.75)	_	_	_	16.34	14.97
2016	17.01	0.81	0.17		0.98	(0.83)		_	(0.83)	_	_	_	17.16	15.44
2015	16.02	0.85	1.07	\	1.92	(0.93)		_	(0.93)	_	_	_	17.01	15.40
2014	17.64	0.76	(1.39	)	(0.63)	(0.99)		_	(0.99)	_	_	_	16.02	14.75
NTX														
Year End	dad													
2/28–2/2														
2019(e)	14.95	0.28	(0.06	)	0.22	(0.28)			(0.28)				14.89	12.76
2018	15.15	0.57	(0.13	)	0.44	(0.23)			(0.23)				14.95	13.53
2017	15.81	0.63	(0.64	)	(0.01)	(0.65)			(0.65)	_		_	15.15	14.28
2016	15.72	0.66	0.08	,	0.74	(0.65)			(0.65)	_		_	15.81	14.66
2015	14.82	0.62	0.96		1.58	(0.68)		_	(0.68)	_	_	_	15.72	14.35
2014	15.87	0.66	(1.01	)	(0.35)	(0.70)			(0.70)	_*_	*	_	14.82	13.54

<sup>(</sup>a) Total Return Based on Common Share NAV is the combination of changes in common share NAV, reinvested dividend income at NAV and reinvested capital gains distributions at NAV, if any. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending NAV. The actual reinvest price for the last dividend declared in the period may often be based on the Fund's market price (and not its NAV), and therefore may be different from the price used in the calculation. Total returns are not annualized.

Total Return Based on Common Share Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of reinvestment. The last dividend declared in the period, which is typically paid on the first business day of the following month, is assumed to be reinvested at the ending market price. The actual reinvestment for the last dividend declared in the period may take place over several days, and in some instances may not be based on the market price, so the actual reinvestment price may be different from the price used in the

calculation. Total returns are not annualized.

### Common Share Supplemental Data/

### Ratios Applicable to Common Shares

Common Share Ratios to Average Net Total Returns Assets(b)

	Based	Ending		Net			
Based	on	Net		Investmen	nt	Portfol	io
on	Share	Assets		Income		Turnov	er
NAV(a)	Price(a)	(000 )	Expenses(	c(Loss)		Rate(d)	)
1.69 %	(0.11)%	\$297,780	2.30%**	3.40	%**	2	%
2.98	(0.93)	298,629	1.94	4.10		16	
(0.49)	1.67	302,690	1.79	4.35		8	
5.95	5.96	317,856	1.58	4.83		10	
12.23	10.79	315,142	1.62	5.10		15	
(3.38)	(11.39)	296,668	2.15	5.45		13	
1.48	(3.64)	149,286	2.34**	3.69	**	5	
2.88	(0.94)	149,887	2.16	3.73		11	
(0.12)	1.79	151,944	1.78	4.05		9	
4.89	7.02	158,571	1.78	4.26		14	
10.81	11.07	157,644	2.33	4.05		12	
(2.11)	(11.03)	148,580	2.49	4.46		13	

- (b) Net Investment Income (Loss) ratios reflect income earned and expenses incurred on assets attributable to preferred shares issued by the Fund.
- The expense ratios reflect, among other things, all interest expense and other costs related to preferred shares (as described in Note 4 Fund Shares, Preferred Shares) and/or the interest expense deemed to have been paid by the Fund on the floating rate certificates issued by the special purpose trusts for the self-deposited inverse floaters held by the Fund (as described in Note 3 Portfolio Securities and Investments in Derivatives, Inverse Floating Rate Securities), where applicable, as follows:

NUO		NTX				
Year Ended 2/28–2/2	29:	Year Ended 2/28–2/29:				
2019(e)	1.22%**	2019(e)	1.27%**			
2018	0.90	2018	1.13			
2017	0.77	2017	0.77			
2016	0.55	2016	0.77			
2015	0.57	2015	1.26			
2014	1.05	2014	1.31			

- (d) Portfolio Turnover Rate is calculated based on the lesser of long-term purchases or sales (as disclosed in Note 5 Investment Transactions) divided by the average long- term market value during the period.
- (e) For the six months ended August 31, 2018.
- \* Rounds to less than \$0.01 per share.
- \*\* Annualized.

See accompanying notes to financial statements.

## Financial Highlights (Unaudited) (continued)

	MTP Sha at the En Period (a	d of	VMTP Shares at the End of Period		
	Aggrega	teAsset	Aggregate	Asset	
	Amount	Coverage	Amount	Coverage Per	
	Outstand (000)	_		ng\$100,000 Share	
NAZ					
Year Ended 2/28-2/29:					
2019(b)	\$ <i>—</i>	\$ —	\$88,300	\$286,462	
2018	_	_	88,300	286,891	
2017	_		88,300	287,022	
2016	_		79,000	319,959	
2015	_		79,000	319,808	
2014	_	_	79,000	307,133	
NUM					
Year Ended 2/28-2/29:					
2019(b)	_		173,000	277,761	
2018	_	_	173,000	279,721	
2017	_		173,000	281,675	
2016	_	_	159,000	308,469	
2015	_	_	159,000	307,064	
2014	_	_	159,000	296,340	

(a) The Ending and Average Market Value Per Share for each Series of the Fund's MTP Shares were as follows:

	2014
NAZ	
Series 2015 (NAZ PRC)	
Ending Market Value per Share	<b>\$</b> —
Average Market Value per Share	10.02 Δ
Series 2016 (NAZ PRD)	
Ending Market Value per Share	_
Average Market Value per Share	10.11 Δ

NUM

Series 2015 (NUM PRC)

Ending Market Value per Share — Average Market Value per Share  $10.02 \Delta\Delta$ 

- (b) For the six months ended August 31, 2018.
- $\Delta$  For the period April 8, 2013 (effective date of the reorganizations) through December 20, 2013.
- $\Delta\Delta$  For the period March 1, 2013 through December 20, 2013.

See accompanying notes to financial statements.

	iMTP Sha	ares	MTP Shar at the End		MFP Shar	rac	VRDP Sha	rac
	at the End	d of Period	(a)	or r criou	at the End		at the End	
	Aggregat	eAsset	Aggregate	Asset	Aggregate		Aggregate	
		Coverage	Amount	Coverage	Amount		Amount	Coverage
		Per		O		e		C
	Outstandi	n\s_5,000	Outstandin	n <b>g</b> er \$10	Outstandin	ng <b>Per \$100,000</b>	Outstandin	g <b>Per \$100,000</b>
	(000)	Share	(000)	Share	(000)	Share	(000)	Share
NUO								
Year End								
2/28-2/2								
2019(b)	<b>\$</b> —	\$—	<b>\$</b> —	<b>\$</b> —	<b>\$</b> —	<b>\$</b> —	\$148,000	\$301,203
2018	_	_	_	<del>_</del>	_	<del>_</del>	148,000	301,776
2017	_	_	_	<del></del>	_	_	148,000	304,520
2016	_	_	_	_	_	_	148,000	314,768
2015	_	_	_	_	_	_	148,000	312,934
2014	_	_	_	_	_	_	148,000	300,451
NTX								
Year End								
2/28-2/2	9:							
2019(b)	_	_	_	<del></del>	72,000	307,342	_	_
2018	_	_	_	<del></del>	72,000	308,177	_	_
2017	72,000	15,552	_	<del></del>	_	_	_	_
2016	72,000	16,012	_	_	_	_	_	_
2015	_	_	70,920	32.23	_	_	_	_
2014	_	_	70,920	30.95	_	_	_	<del>_</del>

(a) The Ending and Average Market Value Per Share for each Series of the Fund's MTP Shares were as follows:

	2016	2015	2014
NUO			
Series 2014 (NUO PRACL)			
Ending Market Value per Share	\$	\$	\$
Average Market Value per Share			10.01
Series 2015 (NUO PRCCL)			
Ending Market Value per Share	_	_	_
Average Market Value per Share	_	_	10.03
Series 2016 (NUO PRDCL)			
Ending Market Value per Share	_	_	_
Average Market Value per Share	_	_	10.06
NTX			
Series 2015 (NTX PRCCL)			
Ending Market Value per Share	_	10.02	10.03
Average Market Value per Share	10.01	10.04	10.04

(b) For the six months ended August 31, 2018.

For the period April 8, 2013 (effective date of the reorganization) through October 7, 2013.

For the period March 1, 2015 through April 20, 2015.

See accompanying notes to financial statements.

Notes to

Financial Statements (Unaudited)

1. General Information and Significant Accounting Policies

**General Information** 

**Fund Information** 

The state funds covered in this report and their corresponding New York Stock Exchange ("NYSE") symbols are as follows (each a "Fund" and collectively, the "Funds"):

- ·Nuveen Arizona Quality Municipal Income Fund (NAZ)
- ·Nuveen Michigan Quality Municipal Income Fund (NUM)
  - Nuveen Ohio Quality Municipal Income Fund
    - (NUO)
- Nuveen Texas Quality Municipal Income Fund
- (NTX)

The Funds are registered under the Investment Company Act of 1940, as amended, as diversified, closed-end management investment companies. NAZ, NUM and NUO were organized as Massachusetts business trusts on April 8, 2013, January 7, 2013 and April 8, 2013, respectively (previously organized as Minnesota trusts on January 23, 1991, July 25, 1991 and October 17, 1991, respectively). NTX was organized as a Massachusetts business trust on July 26, 1991.

The end of the reporting period for the Funds is August 31, 2018, and the period covered by these Notes to Financial Statements is the six months ended August 31, 2018 (the "current fiscal period").

Investment Adviser

The Funds' investment adviser is Nuveen Fund Advisors, LLC (the "Adviser"), a subsidiary of Nuveen, LLC ("Nuveen"). Nuveen is the investment management arm of Teachers Insurance and Annuity Association of America (TIAA). The Adviser has overall responsibility for management of the Funds, oversees the management of the Funds' portfolios, manages the Funds' business affairs and provides certain clerical, bookkeeping and other administrative services, and, if necessary, asset allocation decisions. The Adviser has entered into sub-advisory agreements with Nuveen Asset Management, LLC (the "Sub-Adviser"), a subsidiary of the Adviser, under which the Sub-Adviser manages the investment portfolios of the Funds.

Investment Objectives and Principal Investment Strategies

Each Fund seeks to provide current income exempt from both regular federal and designated state income taxes by investing primarily in a portfolio of municipal obligations issued by state and local government authorities within a single state or certain U.S. territories.

Significant Accounting Policies

Each Fund is an investment company and follows accounting and reporting guidance under Financial Accounting Standards Board ("FASB") Accounting Standards Codification (ASC) Topic 946 "Financial Services – Investment Companies." The following is a summary of significant accounting policies followed by the Funds in the preparation of their financial statements in accordance with U.S. generally accepted accounting principles ("U.S. GAAP"). Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from investment transactions are determined on the specific identification method, which is the same basis used for federal income tax purposes. Investments purchased on a when-issued/delayed delivery basis may have extended settlement periods. Any investments so purchased are subject to market fluctuation during this period. The Funds have earmarked securities in their portfolios with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments.

As of the end of the reporting period, the Funds did not have any outstanding when-issued/delayed delivery purchase commitments.

**Investment Income** 

Investment income is comprised of interest income, which reflects the amortization of premiums and accretion of discounts for financial reporting purposes, and is recorded on an accrual basis. Investment income also reflects payment-in-kind ("PIK") interest and paydown gains and losses, if any. PIK interest represents income received in the form of securities in lieu of cash.

#### **Professional Fees**

Professional fees presented on the Statement of Operations consist of legal fees incurred in the normal course of operations, audit fees, tax consulting fees and, in some cases, workout expenditures. Workout expenditures are incurred in an attempt to protect or enhance an investment or to pursue other claims or legal actions on behalf of Fund shareholders. If a refund is received for workout expenditures paid in a prior reporting period, such amounts will be recognized as "Legal fee refund" on the Statement of Operations.

Dividends and Distributions to Common Shareholders

Dividends from net investment income, if any, are declared monthly. Net realized capital gains and/or market discount from investment transactions, if any, are distributed to shareholders at least annually. Furthermore, capital gains are distributed only to the extent they exceed available capital loss carryforwards.

Distributions to common shareholders of net investment income, net realized capital gains and/or market discount, if any, are recorded on the ex-dividend date. The amount and timing of distributions are determined in accordance with federal income tax regulations, which may differ from U.S. GAAP.

### Compensation

The Funds pay no compensation directly to those of its trustees who are affiliated with the Adviser or to its officers, all of whom receive remuneration for their services to the Funds from the Adviser or its affiliates. The Funds' Board of Trustees (the "Board") has adopted a deferred compensation plan for independent trustees that enables trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from certain Nuveen-advised funds. Under the plan, deferred amounts are treated as though equal dollar amounts had been invested in shares of select Nuveen-advised funds.

#### Indemnifications

Under the Funds' organizational documents, their officers and trustees are indemnified against certain liabilities arising out of the performance of their duties to the Funds. In addition, in the normal course of business, the Funds enter into contracts that provide general indemnifications to other parties. The Funds' maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Funds that have not yet occurred. However, the Funds have not had prior claims or losses pursuant to these contracts and expect the risk of loss to be remote.

### **Netting Agreements**

In the ordinary course of business, the Funds may enter into transactions subject to enforceable International Swaps and Derivatives Association, Inc. (ISDA) master agreements or other similar arrangements ("netting agreements"). Generally, the right to offset in netting agreements allows each Fund to offset certain securities and derivatives with a specific counterparty, when applicable, as well as any collateral received or delivered to that counterparty based on the terms of the agreements. Generally, each Fund manages its cash collateral and securities collateral on a counterparty basis.

The Funds' investments subject to netting agreements as of the end of the reporting period, if any, are further described in Note 3 – Portfolio Securities and Investments in Derivatives.

#### Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets applicable to common shares from operations during the current fiscal period. Actual results may differ from those estimates.

## 2. Investment Valuation and Fair Value Measurements

The fair valuation input levels as described below are for fair value measurement purposes.

Fair value is defined as the price that would be received upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own

assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels.

- Level 1 Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.
- Level 2 Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
- Level 3 Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

Notes to Financial Statements (Unaudited) (continued)

Prices of fixed income securities are provided by an independent pricing service ("pricing service") approved by the Board. The pricing service establishes a security's fair value using methods that may include consideration of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor's credit characteristics considered relevant. These securities are generally classified as Level 2. In pricing certain securities, particularly less liquid and lower quality securities, the pricing service may consider information about a security, its issuer or market activity, provided by the Adviser. These securities are generally classified as Level 2 or Level 3 depending on the observability of the significant inputs.

Certain securities may not be able to be priced by the pre-established pricing methods as described above. Such securities may be valued by the Board and/or its appointee at fair value. These securities generally include, but are not limited to, restricted securities (securities which may not be publicly sold without registration under the Securities Act of 1933, as amended) for which a pricing service is unable to provide a market price; securities whose trading has been formally suspended; debt securities that have gone into default and for which there is no current market quotation; a security whose market price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of a Fund's net asset value ("NAV") (as may be the case in non-U.S. markets on which the security is primarily traded) or make it difficult or impossible to obtain a reliable market quotation; and a security whose price, as provided by the pricing service, is not deemed to reflect the security's fair value. As a general principle, the fair value of a security would appear to be the amount that the owner might reasonably expect to receive for it in a current sale. A variety of factors may be considered in determining the fair value of such securities, which may include consideration of the following: yields or prices of investments of comparable quality, type of issue, coupon, maturity and rating, market quotes or indications of value from security dealers, evaluations of anticipated cash flows or collateral, general market conditions and other information and analysis, including the obligor's credit characteristics considered relevant. These securities are generally classified as Level 2 or Level 3 depending on the observability of the significant inputs. Regardless of the method employed to value a particular security, all valuations are subject to review by the Board and/or its appointee.

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities. The following is a summary of each Fund's fair value measurements as of the end of the reporting period:

	Le	vel		Le	vel	
NAZ	1		Level 2	3		Total
Long-Term Investments*:						
Municipal Bonds	\$	_	\$258,871,485	\$		\$258,871,485
NUM						
Long-Term Investments*:						
Municipal Bonds	\$	—	\$487,309,829	\$	_	\$487,309,829
NUO						
Long-Term Investments*:						
Municipal Bonds	\$	—	\$461,059,659	\$	_	\$461,059,659
NTX						
Long-Term Investments*:						
Municipal Bonds	\$	—	\$235,327,928	\$	—	\$235,327,928
* Refer to the Fund's Portfo	olio	of Iı	nvestments for			
industry classifications.						

The Board is responsible for the valuation process and has appointed the oversight of the daily valuation process to the Adviser's Valuation Committee. The Valuation Committee, pursuant to the valuation policies and procedures adopted by the Board, is responsible for making fair value determinations, evaluating the effectiveness of the Funds' pricing policies and reporting to the Board. The Valuation Committee is aided in its efforts by the Adviser's dedicated Securities Valuation Team, which is responsible for administering the daily valuation process and applying fair value methodologies as approved by the Valuation Committee. When determining the reliability of independent pricing services for investments owned by the Funds, the Valuation Committee, among other things, conducts due diligence reviews of the pricing services and monitors the quality of security prices received through various testing reports conducted by the Securities Valuation Team.

The Valuation Committee will consider pricing methodologies it deems relevant and appropriate when making a fair value determination, based on the facts and circumstances specific to the portfolio instrument. Fair value determinations generally will be derived as follows, using public or private market information:

- (i) If available, fair value determinations shall be derived by extrapolating from recent transactions or quoted prices for identical or comparable securities.
- If such information is not available, an analytical valuation methodology may be used based on other available information including, but not limited to: analyst appraisals, research reports, corporate action information, issuer financial statements and shelf registration statements. Such analytical valuation methodologies may include, but
- (ii) are not limited to: multiple of earnings, discount from market value of a similar freely- traded security, discounted cash flow analysis, book value or a multiple thereof, risk premium/yield analysis, yield to maturity and/or fundamental investment analysis.

The purchase price of a portfolio instrument will be used to fair value the instrument only if no other valuation methodology is available or deemed appropriate, and it is determined that the purchase price fairly reflects the instrument's current value.

For each portfolio security that has been fair valued pursuant to the policies adopted by the Board, the fair value price is compared against the last available and next available market quotations. The Valuation Committee reviews the results of such testing and fair valuation occurrences are reported to the Board.

3. Portfolio Securities and Investments in Derivatives

Portfolio Securities

**Inverse Floating Rate Securities** 

Each Fund is authorized to invest in inverse floating rate securities. An inverse floating rate security is created by depositing a municipal bond (referred to as an "Underlying Bond"), typically with a fixed interest rate, into a special purpose tender option bond ("TOB") trust (referred to as the "TOB Trust") created by or at the direction of one or more Funds. In turn, the TOB Trust issues (a) floating rate certificates (referred to as "Floaters"), in face amounts equal to some fraction of the Underlying Bond's par amount or market value, and (b) an inverse floating rate certificate (referred to as an "Inverse Floater") that represents all remaining or residual interest in the TOB Trust. Floaters typically pay short-term tax-exempt interest rates to third parties who are also provided a right to tender their certificate and receive its par value, which may be paid from the proceeds of a remarketing of the Floaters, by a loan to the TOB Trust from a third party liquidity provider ("Liquidity Provider"), or by the sale of assets from the TOB Trust. The Inverse Floater is issued to a long term investor, such as one or more of the Funds. The income received by the Inverse Floater holder varies inversely with the short-term rate paid to holders of the Floaters, and in most circumstances the Inverse Floater holder bears substantially all of the Underlying Bond's downside investment risk and also benefits disproportionately from any potential appreciation of the Underlying Bond's value. The value of an Inverse Floater will be more volatile than that of the Underlying Bond because the interest rate is dependent on not only the fixed coupon rate of the Underlying Bond but also on the short-term interest paid on the Floaters, and because the Inverse Floater essentially bears the risk of loss (and possible gain) of the greater face value of the Underlying Bond.

The Inverse Floater held by a Fund gives the Fund the right to (a) cause the holders of the Floaters to tender their certificates at par (or slightly more than par in certain circumstances), and (b) have the trustee of the TOB Trust (the "Trustee") transfer the Underlying Bond held by the TOB Trust to the Fund, thereby collapsing the TOB Trust. The Fund may acquire an Inverse Floater in a transaction where it (a) transfers an Underlying Bond that it owns to a TOB Trust created by a third party or (b) transfers an Underlying Bond that it owns, or that it has purchased in a secondary market transaction for the purpose of creating an Inverse Floater, to a TOB Trust created at its direction, and in return receives the Inverse Floater of the TOB Trust (referred to as a "self-deposited Inverse Floater"). A Fund may also purchase an Inverse Floater in a secondary market transaction from a third party creator of the TOB Trust without first owning the Underlying Bond (referred to as an "externally-deposited Inverse Floater").

An investment in a self-deposited Inverse Floater is accounted for as a "financing" transaction (i.e., a secured borrowing). For a self-deposited Inverse Floater, the Underlying Bond deposited into the TOB Trust is identified in the Fund's Portfolio of Investments as "(UB) – Underlying bond of an inverse floating rate trust reflected as a financing transaction," with the Fund recognizing as liabilities, labeled "Floating rate obligations" on the Statement of Assets and Liabilities, (a) the liquidation value of Floaters issued by the TOB Trust, and (b) the amount of any borrowings by the TOB Trust from a Liquidity Provider to enable the TOB Trust to purchase outstanding Floaters in lieu of a remarketing. In addition, the Fund recognizes in "Investment Income" the entire earnings of the Underlying Bond, and recognizes (a) the interest paid to the holders of the Floaters or on the TOB Trust's borrowings, and (b) other expenses related to remarketing, administration, trustee, liquidity and other services to a TOB Trust, as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

In contrast, an investment in an externally-deposited Inverse Floater is accounted for as a purchase of the Inverse Floater and is identified in the Fund's Portfolio of Investments as "(IF) – Inverse floating rate investment." For an externally-deposited Inverse Floater, a Fund's Statement of Assets and 59

Notes to Financial Statements (Unaudited) (continued)

Liabilities recognizes the Inverse Floater and not the Underlying Bond as an asset, and the Fund does not recognize the Floaters, or any related borrowings from a Liquidity Provider, as a liability. Additionally, the Fund reflects in "Investment Income" only the net amount of earnings on the Inverse Floater (net of the interest paid to the holders of the Floaters or the Liquidity Provider as lender, and the expenses of the Trust), and does not show the amount of that interest paid or the expenses of the TOB Trust as described above as interest expense on the Statement of Operations. Fees paid upon the creation of a TOB Trust for self-deposited Inverse Floaters and externally-deposited Inverse Floaters are recognized as part of the cost basis of the Inverse Floater and are capitalized over the term of the TOB Trust.

As of the end of the reporting period, the aggregate value of Floaters issued by each Fund's TOB Trust for self-deposited Inverse Floaters and externally-deposited Inverse Floaters was as follows:

Floating Rate Obligations Outstanding	NAZ	NUM	NUO	NTX
Floating rate obligations: self-deposited Inverse Floaters	\$9,755,000	\$12,265,000	\$20,000,000	\$16,000,000
Floating rate obligations: externally-deposited Inverse				
Floaters	6,715,000	8,430,000	20,530,000	_
Total	\$16,470,000	\$20,695,000	\$40,530,000	\$16,000,000

During the current fiscal period, the average amount of Floaters (including any borrowings from a Liquidity Provider) outstanding, and the average annual interest rate and fees related to self-deposited Inverse Floaters, were as follows:

Self-Deposited Inverse Floaters	NAZ	NUM	NUO	NTX
Average floating rate obligations outstanding	\$6,026,739	\$12,265,000	\$20,000,000	\$16,000,000
Average annual interest rate and fees	1.85 %	1.99 %	1.90 %	1.92 %

TOB Trusts are supported by a liquidity facility provided by a Liquidity Provider pursuant to which the Liquidity Provider agrees, in the event that Floaters are (a) tendered to the Trustee for remarketing and the remarketing does not occur, or (b) subject to mandatory tender pursuant to the terms of the TOB Trust agreement, to either purchase Floaters or to provide the Trustee with an advance from a loan facility to fund the purchase of Floaters by the TOB Trust. In certain circumstances, the Liquidity Provider may otherwise elect to have the Trustee sell the Underlying Bond to retire the Floaters that were tendered and not remarketed prior to providing such a loan. In these circumstances, the Liquidity Provider remains obligated to provide a loan to the extent that the proceeds of the sale of the Underlying Bond is not sufficient to pay the purchase price of the Floaters.

The size of the commitment under the loan facility for a given TOB Trust is at least equal to the balance of that TOB Trust's outstanding Floaters plus any accrued interest. In consideration of the loan facility, fee schedules are in place and are charged by the Liquidity Provider(s). Any loans made by the Liquidity Provider will be secured by the purchased Floaters held by the TOB Trust. Interest paid on any outstanding loan balances will be effectively borne by the Fund that owns the Inverse Floaters of the TOB Trust that has incurred the borrowing and may be at a rate that is greater than the rate that would have been paid had the Floaters been successfully remarketed.

As described above, any amounts outstanding under a liquidity facility are recognized as a component of "Floating rate obligations" on the Statement of Assets and Liabilities by the Fund holding the corresponding Inverse Floaters issued by the borrowing TOB Trust. As of the end of the reporting period, there were no loans outstanding under any such facility.

Each Fund may also enter into shortfall and forbearance agreements (sometimes referred to as a "recourse arrangement") (TOB Trusts involving such agreements are referred to herein as "Recourse Trusts"), under which a Fund agrees to reimburse the Liquidity Provider for the Trust's Floaters, in certain circumstances, for the amount (if any) by which the liquidation value of the Underlying Bond held by the TOB Trust may fall short of the sum of the liquidation value of the Floaters issued by the TOB Trust plus any amounts borrowed by the TOB Trust from the

Liquidity Provider, plus any shortfalls in interest cash flows. Under these agreements, a Fund's potential exposure to losses related to or on an Inverse Floater may increase beyond the value of the Inverse Floater as a Fund may potentially be liable to fulfill all amounts owed to holders of the Floaters or the Liquidity Provider. Any such shortfall amount in the aggregate is recognized as "Unrealized depreciation on Recourse Trusts" on the Statement of Assets and Liabilities.

As of the end of the reporting period, each Fund's maximum exposure to the Floaters issued by Recourse Trusts for self-deposited Inverse Floaters and externally-deposited Inverse Floaters was as follows:

Floating Rate Obligations – Recourse Trusts	NAZ	NUM	NUO	NTX
Maximum exposure to Recourse Trusts: self-deposited				
Inverse Floaters	\$9,755,000	\$12,265,000	\$12,000,000	\$16,000,000
Maximum exposure to Recourse Trusts: externally-deposited				
Inverse Floaters	_	8,430,000	4,480,000	_
Total	\$9,755,000	\$20,695,000	\$16,480,000	\$16,000,000
60				

### Zero Coupon Securities

A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Income to the holder of the security comes from accretion of the difference between the original purchase price of the security at issuance and the par value of the security at maturity and is effectively paid at maturity. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically. Investments in Derivatives

In addition to the inverse floating rate securities in which each Fund may invest, which are considered portfolio securities for financial reporting purposes, each Fund is authorized to invest in certain other derivative instruments, such as futures, options and swap contracts. Each Fund limits its investments in futures, options on futures and swap contracts to the extent necessary for the Adviser to claim the exclusion from registration by the Commodity Futures Trading Commission as a commodity pool operator with respect to the Fund. The Funds record derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Funds' investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes.

Although the Funds are authorized to invest in derivative instruments and may do so in the future, they did not make any such investments during the current fiscal period.

### Market and Counterparty Credit Risk

In the normal course of business each Fund may invest in financial instruments and enter into financial transactions where risk of potential loss exists due to changes in the market (market risk) or failure of the other party to the transaction to perform (counterparty credit risk). The potential loss could exceed the value of the financial assets recorded on the financial statements. Financial assets, which potentially expose each Fund to counterparty credit risk, consist principally of cash due from counterparties on forward, option and swap transactions, when applicable. The extent of each Fund's exposure to counterparty credit risk in respect to these financial assets approximates their carrying value as recorded on the Statement of Assets and Liabilities.

Each Fund helps manage counterparty credit risk by entering into agreements only with counterparties the Adviser believes have the financial resources to honor their obligations and by having the Adviser monitor the financial stability of the counterparties. Additionally, counterparties may be required to pledge collateral daily (based on the daily valuation of the financial asset) on behalf of each Fund with a value approximately equal to the amount of any unrealized gain above a pre-determined threshold. Reciprocally, when each Fund has an unrealized loss, the Funds have instructed the custodian to pledge assets of the Funds as collateral with a value approximately equal to the amount of the unrealized loss above a pre-determined threshold. Collateral pledges are monitored and subsequently adjusted if and when the valuations fluctuate, either up or down, by at least the pre-determined threshold amount.

#### 4. Fund Shares

**Common Shares** 

Common Shares Equity Shelf Program and Offering Costs

NAZ has filed a registration statement with the Securities and Exchange Commission ("SEC") authorizing the Fund to issue additional common shares through one or more equity shelf programs ("Shelf Offering"), which became effective with the SEC during the prior fiscal period.

Under this Shelf Offering, the Fund, subject to market conditions, may raise additional equity capital by issuing additional common shares from time to time in varying amounts and by different offering methods at a net price at or above the Fund's NAV per common share. In the event the Fund's Shelf Offering registration statement is no longer current, the Fund may not issue additional common shares until a post-effective amendment to the registration statement has been filed with the SEC.

Additional authorized common shares, common shares sold and offering proceeds, net of offering costs under the Fund's Shelf Offering during the Fund's current and prior fiscal period were as follows:

NAZ Six Months Year Ended Ended

Additional authorized common shares

Common shares sold

Offering proceeds, net of offering costs

8/31/18

1,100,000\*\*

1,100,000\*

107,600

\$69,117

\$1,484,129

- \* Represents additional authorized shares for the period June 6, 2017 through February 28, 2018.
- \*\* Represents additional authorized shares for the period March 1, 2018 through June 29, 2018.

Costs incurred by the Fund in connection with its initial shelf registrations are recorded as a prepaid expense and recognized as "Deferred offering costs" on the Statement of Assets and Liabilities. These costs are amortized pro rata as common shares are sold and are recognized as a component of 61

Notes to Financial Statements (Unaudited) (continued)

"Proceeds from shelf offering, net of offering costs" on the Statement of Changes in Net Assets. Any deferred offering costs remaining one year after effectiveness of the initial shelf registration will be expensed. Costs incurred by the Funds to keep the shelf registration current are expensed as incurred and recognized as a component of "shelf offering expenses" on the Statement of Operations.

**Common Share Transactions** 

Transactions in common shares for the Funds during the Funds' current and prior fiscal period, where applicable, were as follows:

	NAZ	NUM		NUO	
	Six	Six		Six	
	Monthear	Months	Year	Months	Year
	End <b>ed</b> ded	Ended	Ended	Ended	Ended
	8/3 <b>2/28</b> /18	8/31/18	2/28/18	8/31/18	2/28/18
Common shares:					
Issued to shareholders due to reinvestment of					
distributions	<b>—</b> 7,629	_	_	<del>_</del>	_
Sold through shelf offering	— 107,600	_	_	_	_
Repurchased and retired		(223,183)	(21,500)	(28,700)	_
Weighted average common share:					
Premium to NAV per shelf offering share sold	— 1.64	<del>-</del>	_	_	_
Price per share repurchased and retired		\$12.61	\$13.09	\$13.64	_
Discount per share repurchased and retired		15.65 %	13.90 %	15.17 %	

### **Preferred Shares**

#### MuniFund Preferred Shares

NTX has issued and has outstanding MuniFund Preferred ("MFP") Shares, with a \$100,000 liquidation preference per share. These MFP Shares were issued via private placement and are not publically available.

The Fund is obligated to redeem its MFP Shares by the date as specified in its offering documents ("Term Redemption Date"), unless earlier redeemed by the Fund. MFP Shares are initially issued in a pre-specified mode, however, MFP Shares can be subsequently designated as an alternative mode at a later date at the discretion of the Fund. The modes within MFP Shares detail the dividend mechanics and are described as follows. At a subsequent date, the Fund may establish additional mode structures with the MFP Share.

Variable Rate Remarketed Mode ("VRRM") – Dividends for MFP Shares within this mode will be established by a remarketing agent; therefore, market value of the MFP Shares is expected to approximate its liquidation preference. Shareholders have the ability to request a best-efforts tender of its shares upon seven days notice. If the remarketing agent is unable to identify an alternative purchaser, the shares will be retained by the shareholder requesting tender and the subsequent dividend rate will increase to its step-up dividend rate. If after one consecutive year of unsuccessful remarketing attempts, the Fund will be required to designate an alternative mode or redeem the shares.

The Fund will pay a remarketing fee on the aggregate principal amount of all MFP Shares while designated in VRRM. Payments made by the Fund to the remarketing agent are recognized as "Remarketing fees" on the Statement of Operations.

·Variable Rate Mode ("VRM") – Dividends for MFP Shares designated in this mode are based upon a short-term index plus an additional fixed "spread" amount established at the time of issuance or renewal / conversion of its mode. At the end of the period of the mode, the Fund will be required to either extend the term of the mode, designate an alternative mode or redeem the MFP Shares.

The fair value of MFP Shares while in VRM are expected to approximate their liquidation preference so long as the fixed "spread" on the shares remains roughly in line with the "spread" being demanded by investors on instruments

having similar terms in the current market. In current market conditions, the Adviser has determined that the fair value of the shares are approximately their liquidation preference, but their fair value could vary if market conditions change materially.

Variable Rate Demand Mode ("VRDM") – Dividends for MFP Shares designated in this mode will be established by a remarketing agent; therefore, the market value of the MFP Shares is expected to approximate its liquidation preference. While in this mode, shares will have an unconditional liquidity feature that enable its shareholders to require a liquidity provider, which the Fund has entered into a contractual agreement, to purchase shares in the event that the shares are not able to be successfully remarketed. In the event that shares within this mode are unable to be successfully remarketed and are purchased by the liquidity provider, the dividend rate will be the maximum rate which is designed to escalate according to a specified schedule in order to enhance the remarketing agent's ability to successfully remarket the shares. Each Fund is required to redeem any shares that are still owned by a liquidity provider after six months of continuous, unsuccessful remarketing.

The Fund will pay a liquidity and remarketing fee on the aggregate principal amount of all MFP shares while within VRDM. Payments made by the Fund to the liquidity provider and remarketing agent are recognized as "Liquidity fees" and "Remarketing fees", respectively, on the Statement Operations.

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For financial reporting purposes, the liquidation preference of MFP Shares is recorded as a liability and is recognized as a component of "MuniFund Preferred ("MFP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities. Dividends on the MFP shares are treated as interest payments for financial reporting purposes. Unpaid dividends on MFP shares are recognized as a component on "Interest payable" on the Statement of Assets and Liabilities. Dividends accrued on MFP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Subject to certain conditions, MFP Shares may be redeemed, in whole or in part, at any time at the option of the Fund. The Fund may also be required to redeem certain MFP Shares if the Fund fails to maintain certain asset coverage requirements and such failures are not cured by the applicable cure date. The redemption price per share in all circumstances is equal to the liquidation preference per share plus any accumulated but unpaid dividends. Costs incurred in connection with NTX's offering of MFP Shares were recorded as deferred charges, which are amortized over the life of the shares and are recognized as a component of "MuniFund Preferred ("MFP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offering costs" on the Statement of Operations.

As of the end of the reporting period, details of NTX's MFP Shares outstanding were as follows:

Liquidation Preference, net of deferred

Shares offering Liquidation Term Mode

Fund Series Outstanding costs Preference Redemption Date Mode Termination Date NTX A 720 \$71,631,666 \$72,000,000 September 1, 2047 VRM 10/02/19\*

\* Subject to early termination by either the Fund or the holder.

The average liquidation preference of MFP Shares outstanding and annualized dividend rate for the Fund during the current fiscal period were as follows:

Average liquidation preference of MFP Shares outstanding \$72,000,000

Annualized dividend rate \$2.19 %

### Variable Rate MuniFund Term Preferred Shares

The following Funds have issued and have outstanding Variable Rate MuniFund Term Preferred ("VMTP") Shares, with a \$100,000 liquidation preference per share. VMTP Shares are issued via private placement and are not publicly available.

As of the end of the reporting period, details of each Fund's VMTP Shares outstanding were as follows:

Liquidation Preference,

			net of	
		Shares	deferred	Liquidation
Fund	Series	Outstanding	offering costs	Preference
NAZ	2019	883	\$88,293,193	\$88,300,000
NUM	2019	1,730	\$172,989,269	\$173,000,000

Each Fund is obligated to redeem its VMTP Shares by the date as specified in its offering document ("Term Redemption Date"), unless earlier redeemed by the Fund. VMTP Shares are subject to optional and mandatory redemption in certain circumstances. The VMTP Shares may be redeemed at the option of each Fund, subject to payment of premium for approximately one year following the date of issuance ("Premium Expiration Date"), and at the redemption price per share thereafter. The redemption price per share is equal to the sum of the liquidation preference per share plus any accumulated but unpaid dividends. Each Fund may be obligated to redeem a certain amount of the VMTP Shares if the Fund fails to maintain certain asset coverage and leverage ratio requirements and such failures are not cured by the applicable cure date. The Term Redemption Date and Premium Expiration Date for each Fund's VMTP Shares are as follows:

		Term	Premium
Fund	Series	Redemption Date	<b>Expiration Date</b>
NAZ	2019	June 1, 2019	May 31, 2017
NUM	2019	June 1, 2019	May 31, 2017

The average liquidation preference of VMTP Shares outstanding and annualized dividend rate for each Fund during the current fiscal period were as follows:

	NAZ	NUM	
Average liquidation preference of VMTP Shares outstanding	\$88,300,000	\$173,000,000	)
Annualized dividend rate	2.29 %	2.29	%

Notes to Financial Statements (Unaudited) (continued)

VMTP Shares are subject to restrictions on transfer, generally do not trade, and market quotations are generally not available. VMTP Shares are short-term or short/intermediate-term instruments that pay a variable dividend rate tied to a short-term index, plus an additional fixed "spread" amount established at the time of issuance. The fair value of VMTP Shares is expected to be approximately their liquidation preference so long as the fixed "spread" on the VMTP Shares remains roughly in line with the "spread" being demanded by investors on instruments having similar terms in the current market environment. In present market conditions, the Funds' Adviser has determined that the fair value of VMTP Shares is approximately their liquidation preference, but their fair value could vary if market conditions change materially. For financial reporting purposes, the liquidation preference of VMTP Shares is a liability and is recognized as a component of "Variable Rate MuniFund Term Preferred ("VMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities.

Dividends on the VMTP Shares (which are treated as interest payments for financial reporting purposes) are set weekly. Unpaid dividends on VMTP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities. Dividends accrued on VMTP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations.

Costs incurred in connection with each Fund's offering of VMTP Shares were recorded as a deferred charges, which are amortized over the life of the shares and are recognized as components of "Variable Rate MuniFund Term Preferred ("VMTP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and "Interest expense and amortization of offering costs" on the Statement of Operations.

Variable Rate Demand Preferred Shares

The following Fund has issued and has outstanding Variable Rate Demand Preferred ("VRDP") Shares, with a \$100,000 liquidation preference per share. VRDP Shares are issued via private placement and are not publicly available.

As of the end of the reporting period, details of the Fund's VRDP Shares outstanding were as follows:

Liquidation Preference, net of

Shares deferred Liquidation

Fund Series Outstanding offering costs Preference Maturity

NUO 1 1,480 \$147,754,691 \$148,000,000 September 1, 2043

VRDP Shares include a liquidity feature that allows VRDP shareholders to have their shares purchased by a liquidity provider with whom the Fund has contracted in the event that the VRDP Shares are not able to be successfully remarketed. The Fund is required to redeem any VRDP Shares that are still owned by the liquidity provider after six months of continuous, unsuccessful remarketing. The Fund pays an annual remarketing fee of 0.10% on the aggregate principal amount of all VRDP Shares outstanding. The Fund's VRDP Shares have successfully remarketed since issuance.

NUO designated a special rate period until November 14, 2019, for its Series 1 VRDP Shares. During the special rate period, the VRDP Shares will not be remarketed by a remarketing agent, be subject to optional or mandatory tender events, or be supported by a liquidity provider. During the special rate period, VRDP dividends will be set monthly as a floating rate based on the predetermined formula. Following the initial special rate period, Special Rate Period VRDP Shares will transition to traditional VRDP Shares with dividends set at weekly remarketings, and be supported by a designated liquidity provider, unless the Board approves a subsequent special rate period.

Dividends on the VRDP Shares (which are treated as interest payments for financial reporting purposes) are set at a rate established by a remarketing agent; therefore, the market value of the VRDP Shares is expected to approximate its liquidation preference. In the event that VRDP Shares are unable to be successfully remarketed, the dividend rate will be the maximum rate which is designed to escalate according to a specified schedule in order to enhance the remarketing agent's ability to successfully remarket the VRDP Shares.

Subject to certain conditions, VRDP Shares may be redeemed, in whole or in part, at any time at the option of the Fund. The Fund may also redeem certain of the VRDP Shares if the Fund fails to maintain certain asset coverage requirements and such failures are not cured by the applicable cure date. The redemption price per share is equal to the sum of the liquidation preference per share plus any accumulated but unpaid dividends.

The average liquidation preference of VRDP Shares outstanding and annualized dividend rate for the Fund during the current fiscal period were as follows:

Average liquidation preference of VRDP Shares outstanding \$148,000,000 Annualized dividend rate \$2.19 \text{ %}

For financial reporting purposes, the liquidation preference of VRDP Shares is a liability and is recognized as a component of "Variable Rate Demand Preferred ("VRDP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities. Unpaid dividends on VRDP Shares are recognized as a component of "Interest payable" on the Statement of Assets and Liabilities, when applicable. Dividends accrued on VRDP Shares are recognized as a component of "Interest expense and amortization of offering costs" on the Statement of Operations. Costs incurred by the Fund in connection with its offerings of VRDP Shares were recorded as a deferred charge, which are amortized over the life of the shares and are recognized as a component of "Variable Rate Demand Preferred ("VRDP") Shares, net of deferred offering costs" on the Statement of Assets and Liabilities and

"Interest expense and amortization of offerings costs" on the Statement of Operations. In addition to interest expense, the Fund also pays a per annum liquidity fee to the liquidity provider, as well as a remarketing fee, which are recognized as "Liquidity fees" and "Remarketing fees," respectively, on the Statement of Operations, when applicable. Preferred Share Transactions

Transactions in preferred shares for the Funds during the Funds' current and prior fiscal period, where applicable, are noted in the following tables.

Transactions in iMTP Shares for the Funds, where applicable, were as follows:

Year Ended February 28, 2018

NTX Series Shares Amount

iMTP Shares redeemed 2018 (14,400) (\$72,000,000)

Transactions in MFP Shares for the Funds, where applicable, were as follows:

Year Ended

February 28, 2018

NTX Series Shares Amount

MFP Shares issued A 720 \$72,000,000

#### 5. Investment Transactions

Long-term purchases and sales (including maturities) during the current fiscal period were as follows:

	NAZ	NUM	NUO	NTX
Purchases	\$12,430,139	\$32,386,087	\$10,504,886	\$12,117,068
Sales and maturities	6,877,793	32,968,667	9,059,135	10,203,475

#### 6. Income Tax Information

Each Fund is a separate taxpayer for federal income tax purposes. Each Fund intends to distribute substantially all of its net investment income and net capital gains to shareholders and to otherwise comply with the requirements of Subchapter M of the Internal Revenue Code applicable to regulated investment companies. Therefore, no federal income tax provision is required. Furthermore, each Fund intends to satisfy conditions that will enable interest from municipal securities, which is exempt from regular federal and designated state income taxes, to retain such tax-exempt status when distributed to shareholders of the Funds. Net realized capital gains and ordinary income distributions paid by the Funds are subject to federal taxation.

For all open tax years and all major taxing jurisdictions, management of the Funds has concluded that there are no significant uncertain tax positions that would require recognition in the financial statements. Open tax years are those that are open for examination by taxing authorities (i.e., generally the last four tax year ends and the interim tax period since then). Furthermore, management of the Funds is also not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months. The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts as detailed below. Temporary differences do not require reclassification. Temporary and permanent differences do not impact the NAVs of the Funds.

The table below presents the cost and unrealized appreciation (depreciation) of each Fund's investment portfolio, as determined on a federal income tax basis, as of August 31, 2018.

Tax cost of investments	NAZ \$239,224,623	NUM \$457,029,705	NUO \$423,832,473	NTX \$207,849,962
Gross unrealized:				
Appreciation	\$10,679,023	\$19,865,000	\$20,835,467	\$12,264,439
Depreciation	(787,158	(1,849,261	(3,608,201	(786,553)
Net unrealized appreciation (depreciation) of				
investments	\$9,891,865	\$18,015,739	\$17,227,266	\$11,477,886
65				

Notes to Financial Statements (Unaudited) (continued)

Permanent differences, primarily due to expiration of capital loss carryforwards, federal taxes paid, taxable market discount and nondeductible offering costs, resulted in reclassifications among the Funds' components of common share net assets as of February 28, 2018, the Funds' last tax year end, as follows:

	NAZ	NUM	NUO	NTX
Paid-in surplus	\$32,721	\$36,889	\$(62,071)	\$(286,971)
Undistributed (Over-distribution of) net investment income	(144,625)	(53,187)	59,907	286,159
Accumulated net realized gain (loss)	111,904	16,298	2,164	812

The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains as of February 28, 2018, the Funds' last tax year end, were as follows:

	NAZ	NUM	NUO	NTX
Undistributed net tax-exempt income <sup>1</sup>	\$126,442	\$301,865	\$95,858	\$218,556
Undistributed net ordinary income <sup>2</sup>	16,271	_	317,120	4,169
Undistributed net long-term capital gains	_	_	600,437	_

Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on February 1, 2018, paid on March 1, 2018.

<sup>&</sup>lt;sup>2</sup> Net ordinary income consists of taxable market discount income and net short-term capital gains, if any. The tax character of distributions paid during the Funds' last tax year ended February 28, 2018, was designated for purposes of the dividends paid deduction as follows:

	NAZ	NUM	NUO	NTX	
Distributions from net tax-exempt income	\$9,082,658	\$16,339,018	\$15,173,143	\$7,717,699	
Distributions from net ordinary income <sup>2</sup>	100,573	_	687,164	35,095	
Distributions from net long-term capital gains		_	_	_	

<sup>&</sup>lt;sup>2</sup>Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

NAZ NUM NTX
Capital losses to be carried forward – not subject to expiration \$2,761,510 \$1,455,956 \$3,092,392

During the Funds' last tax year ended February 28, 2018, the following Funds utilized capital loss carryforwards as follows:

NAZ NUO NTX Utilized capital loss carryforwards \$271,128 \$1,725,847 \$424,045

As of February 28, 2018, the Funds' last tax year end, \$43,720 of NAZ's capital loss carryforward expired.

#### 7. Management Fees and Other Transactions with Affiliates

#### Management Fees

Each Fund's management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Sub-Adviser is compensated for its services to the Funds from the management fees paid to the Adviser.

Each Fund's management fee consists of two components – a fund-level fee, based only on the amount of assets within each individual Fund, and a complex-level fee, based on the aggregate amount of all eligible fund assets managed by

As of February 28, 2018, the Funds' last tax year end, the following Funds had unused capital losses carrying forward available for federal income tax purposes to be applied against future capital gains, if any. The capital losses are not subject to expiration.

the Adviser. This pricing structure enables Fund shareholders to benefit from growth in the assets within their respective Fund as well as from growth in the amount of complex-wide assets managed by the Adviser. 66

The annual fund-level fee, payable monthly, for each Fund is calculated according to the following schedule:

Average Daily Managed Assets*	Fund-Level Fee Rate	
For the first \$125 million	0.4500	%
For the next \$125 million	0.4375	
For the next \$250 million	0.4250	
For the next \$500 million	0.4125	
For the next \$1 billion	0.4000	
For the next \$3 billion	0.3750	
For managed assets over \$5 billion	0.3625	

The annual complex-level fee, payable monthly, for each Fund is calculated by multiplying the current complex-wide fee rate, determined according to the following schedule by the Fund's daily managed assets:

Complex-Level Fligible Asset Breakpoint Level\* Effective Complex-Level Fee Rate at Breakpoint Level

Complex-Level Engible Asset Breakpoint Level	Effective Complex-Level Fee Rate at Breakpoint Level	
\$55 billion	0.2000	%
\$56 billion	0.1996	
\$57 billion	0.1989	
\$60 billion	0.1961	
\$63 billion	0.1931	
\$66 billion	0.1900	
\$71 billion	0.1851	
\$76 billion	0.1806	
\$80 billion	0.1773	
\$91 billion	0.1691	
\$125 billion	0.1599	
\$200 billion	0.1505	
\$250 billion	0.1469	
\$300 billion	0.1445	

For the complex-level fees, managed assets include closed-end fund assets managed by the Adviser that are attributable to certain types of leverage. For these purposes, leverage includes the funds' use of preferred stock and borrowings and certain investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively

\* financed by the trust's issuance of floating rate securities, subject to an agreement by the Adviser as to certain funds to limit the amount of such assets for determining managed assets in certain circumstances. The complex-level fee is calculated based upon the aggregate daily managed assets of all Nuveen open-end and closed-end funds that constitute "eligible assets." Eligible assets do not include assets attributable to investments in other Nuveen funds or assets in excess of a determined amount (originally \$2 billion) added to the Nuveen fund complex in connection with the Adviser's assumption of the management of the former First American Funds effective January 1, 2011. As of August 31, 2018, the complex-level fee for each Fund was 0.1588%.

## Other Transactions with Affiliates

Each Fund is permitted to purchase or sell securities from or to certain other funds managed by the Adviser ("inter-fund trade") under specified conditions outlined in procedures adopted by the Board. These procedures have been designed to ensure that any inter-fund trade of securities by the Fund from or to another fund that is, or could be, considered an affiliate of the Fund under certain limited circumstances by virtue of having a common investment adviser (or affiliated investment adviser), common officer and/or common trustee complies with Rule 17a-7 of the 1940 Act. Further, as defined under these procedures, each inter-fund trade is effected at the current market price as provided by an independent pricing service. Unsettled inter-fund trades as of the end of the reporting period are recognized as a component of "Receivable for investments sold" and/or "Payable for investments purchased" on the Statement of Assets and Liabilities, when applicable.

During the current fiscal period, the following Fund engaged in inter-fund trades pursuant to these procedures as follows:

Inter-Fund Trades NAZ Purchases \$—

Sales 1,864,879

Notes to Financial Statements (Unaudited) (continued)

#### 8. Borrowing Arrangements

#### Committed Line of Credit

The Funds, along with certain other funds managed by the Adviser ("Participating Funds"), have established a 364-day, approximately \$2.65 billion standby credit facility with a group of lenders, under which the Participating Funds may borrow for various purposes other than leveraging for investment purposes. A large portion of this facility's capacity (and its associated costs as described below) is currently dedicated for use by a small number of Participating Funds, which does not include any of the Funds covered by this shareholder report. The credit facility expires in July 2019 unless extended or renewed.

The credit facility has the following terms: a fee of 0.15% per annum on unused commitment amounts, and interest at a rate equal to the higher of (a) one-month LIBOR (London Inter-Bank Offered Rate) plus 1.00% per annum or (b) the Fed Funds rate plus 1.00% per annum on amounts borrowed. Participating Funds paid administration, legal and arrangement fees, which are recognized as a component of "Other expenses" on the Statement of Operations, and along with commitment fees, have been allocated among such Participating Funds based upon the relative proportions of the facility's aggregate capacity reserved for them and other factors deemed relevant by the Adviser and the Board of each Participating Fund.

During the current fiscal period, none of the Funds utilized this facility.

#### Inter-Fund Borrowing and Lending

The SEC has granted an exemptive order permitting registered open-end and closed-end Nuveen funds to participate in an inter-fund lending facility whereby the Nuveen funds may directly lend to and borrow money from each other for temporary purposes (e.g., to satisfy redemption requests or when a sale of securities "fails," resulting in an unanticipated cash shortfall) (the "Inter-Fund Program"). The closed-end Nuveen funds, including the Funds covered by this shareholder report, will participate only as lenders, and not as borrowers, in the Inter-Fund Program because such closed-end funds rarely, if ever, need to borrow cash to meet redemptions. The Inter-Fund Program is subject to a number of conditions, including, among other things, the requirements that (1) no fund may borrow or lend money through the Inter-Fund Program unless it receives a more favorable interest rate than is typically available from a bank or other financial institution for a comparable transaction; (2) no fund may borrow on an unsecured basis through the Inter-Fund Program unless the fund's outstanding borrowings from all sources immediately after the inter-fund borrowing total 10% or less of its total assets; provided that if the borrowing fund has a secured borrowing outstanding from any other lender, including but not limited to another fund, the inter-fund loan must be secured on at least an equal priority basis with at least an equivalent percentage of collateral to loan value; (3) if a fund's total outstanding borrowings immediately after an inter-fund borrowing would be greater than 10% of its total assets, the fund may borrow through the inter-fund loan on a secured basis only; (4) no fund may lend money if the loan would cause its aggregate outstanding loans through the Inter-Fund Program to exceed 15% of its net assets at the time of the loan; (5) a fund's inter-fund loans to any one fund shall not exceed 5% of the lending fund's net assets; (6) the duration of inter-fund loans will be limited to the time required to receive payment for securities sold, but in no event more than seven days; and (7) each interfund loan may be called on one business day's notice by a lending fund and may be repaid on any day by a borrowing fund. In addition, a Nuveen fund may participate in the Inter-Fund Program only if and to the extent that such participation is consistent with the fund's investment objective and investment policies. The Board is responsible for overseeing the Inter-Fund Program.

The limitations detailed above and the other conditions of the SEC exemptive order permitting the Inter-Fund Program are designed to minimize the risks associated with Inter-Fund Program for both the lending fund and the borrowing fund. However, no borrowing or lending activity is without risk. When a fund borrows money from another fund, there is a risk that the loan could be called on one day's notice or not renewed, in which case the fund may have to borrow from a bank at a higher rate or take other actions to payoff such loan if an inter-fund loan is not available from another fund. Any delay in repayment to a lending fund could result in a lost investment opportunity or

additional borrowing costs.

During the current reporting period, none of the Funds covered by this shareholder report have entered into any inter-fund loan activity.

9. New Accounting Pronouncements

FASB Accounting Standards Update ("ASU") 2017-08 ("ASU 2017-08") Premium Amortization on Purchased Callable Debt Securities

The FASB has issued ASU 2017-08, which shortens the premium amortization period for purchased non-contingently callable debt securities. ASU 2017-08 specifies that the premium amortization period ends at the earliest call date, for purchased non-contingently callable debt securities. ASU 2017-08 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2018. Management is currently evaluating the implications of ASU 2017-08, if any.

## Additional Fund Information

#### **Board of Trustees**

Margo Cook\* Jack B. Evans William C. Hunter Albin F. Moschner John K. Nelson William J. Schneider Judith M. Stockdale Carole E. Stone Terence J. Toth Margaret L. Wolff Robert L. Young

Fund Manager	Custodian	Legal Counsel	Independent Registered	Transfer Agent and	
Nuveen Fund Advisors,	State Street Bank	Chapman and Cutler	Public Accounting Firm	Shareholder	
LLC	State Street Dank	LLP	Tuble Accounting Firm	Services	
333 West Wacker Drive	& Trust Company	Chicago, IL 60603	KPMG LLP	Computershare	
333 West Wacker Drive	& Trust Company	Cilicago, IL 00003	Krwio Llr	Trust	
Chicago II 60606	One Lincoln		200 East Randolph	Commonw N. A	
Chicago, IL 60606	Street		Street	Company, N.A.	
	Boston, MA		Cl.: II (0(01	250 D 11 Ctt	
	02111		Chicago, IL 60601	250 Royall Street	
				Canton, MA 02021	
				(800) 257-8787	

## Quarterly Form N-Q Portfolio of Investments Information

Each Fund is required to file its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year on Form N-Q. You may obtain this information directly from the SEC. Visit the SEC on-line at http://www.sec.gov or in person at the SEC's Public Reference Room in Washington, D.C. Call the SEC toll-free at (800) SEC-0330 for room hours and operation.

## Nuveen Funds' Proxy Voting Information

You may obtain (i) information regarding how each fund voted proxies relating to portfolio securities held during the most recent twelve-month period ended June 30, without charge, upon request, by calling Nuveen toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com and (ii) a description of the policies and procedures that each fund used to determine how to vote proxies relating to portfolio securities without charge, upon request, by calling Nuveen toll free at (800) 257-8787. You may also obtain this information directly from the SEC. Visit the SEC on-line at http://www.sec.gov.

#### **CEO Certification Disclosure**

Each Fund's Chief Executive Officer (CEO) has submitted to the New York Stock Exchange (NYSE) the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual. Each Fund has filed with the SEC the certification of its CEO and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

#### Common Share Repurchases

Each Fund intends to repurchase, through its open-market share repurchase program, shares of its own common stock at such times and in such amounts as is deemed advisable. During the period covered by this report, each Fund repurchased shares of its common stock, as shown in the accompanying table. Any future repurchases will be reported to shareholders in the next annual or semi-annual report.

NAZ NUM NUO NTX

<sup>\*</sup> Interested Board Member.

Common shares repurchased — 223,183 28,700 —

#### FINRA BrokerCheck

The Financial Industry Regulatory Authority (FINRA) provides information regarding the disciplinary history of FINRA member firms and associated investment professionals. This information as well as an investor brochure describing FINRA BrokerCheck is available to the public by calling the FINRA BrokerCheck Hotline number at (800) 289-9999 or by visiting www.FINRA.org.

#### Glossary of Terms Used in this Report

Auction Rate Bond: An auction rate bond is a security whose interest payments are adjusted periodically through an auction process, which process typically also serves as a means for buying and selling the bond. Auctions that fail to attract enough buyers for all the shares offered for sale are deemed to have "failed," with current holders receiving a formula-based interest rate until the next scheduled auction.

Average Annual Total Return: This is a commonly used method to express an investment's performance over a particular, usually multi-year time period. It expresses the return that would have been necessary each year to equal the investment's actual cumulative performance (including change in NAV or market price and reinvested dividends and capital gains distributions, if any) over the time period being considered.

Duration: Duration is a measure of the expected period over which a bond's principal and interest will be paid, and consequently is a measure of the sensitivity of a bond's or bond fund's value to changes when market interest rates change. Generally, the longer a bond's or fund's duration, the more the price of the bond or fund will change as interest rates change.

Effective Leverage: Effective leverage is a fund's effective economic leverage, and includes both regulatory leverage (see leverage) and the leverage effects of certain derivative investments in the fund's portfolio. Currently, the leverage effects of Tender Option Bond (TOB) inverse floater holdings are included in effective leverage values, in addition to any regulatory leverage.

Escrowed to Maturity Bond: When proceeds of a refunding issue are deposited in an escrow account for investment in an amount sufficient to pay the principal and interest on the issue being refunded. In some cases, though, an issuer may expressly reserve its right to exercise an early call of bonds that have been escrowed to maturity.

Inverse Floating Rate Securities: Inverse floating rate securities, also known as inverse floaters or tender option bonds (TOBs), are created by depositing a municipal bond, typically with a fixed interest rate, into a special purpose trust. This trust, in turn, (a) issues floating rate certificates typically paying short-term tax-exempt interest rates to third parties in amounts equal to some fraction of the deposited bond's par amount or market value, and (b) issues an inverse floating rate certificate (sometimes referred to as an "inverse floater") to an investor (such as a Fund) interested in gaining investment exposure to a long-term municipal bond. The income received by the holder of the inverse floater varies inversely with the short-term rate paid to the floating rate certificates' holders, and in most circumstances the holder of the inverse floater bears substantially all of the underlying bond's downside investment risk. The holder of the inverse floater typically also benefits disproportionately from any potential appreciation of the underlying bond's value. Hence, an inverse floater essentially represents an investment in the underlying bond on a leveraged basis.

Leverage: Leverage is created whenever a fund has investment exposure (both reward and/or risk) equivalent to more than 100% of the investment capital.

Net Asset Value (NAV) Per Share: A fund's Net Assets is equal to its total assets (securities, cash, accrued earnings and receivables) less its total liabilities. NAV per share is equal to the fund's Net Assets divided by its number of shares outstanding.

Pre-Refunding: Pre-Refunding, also known as advanced refundings or refinancings, is a procedure used by state and local governments to refinance municipal bonds to lower interest expenses. The issuer sells new bonds with a lower yield and uses the proceeds to buy U.S. Treasury securities, the interest from which is used to make payments on the higher-yielding bonds. Because of this collateral, pre-refunding generally raises a bond's credit rating and thus its value.

Regulatory Leverage: Regulatory leverage consists of preferred shares issued by or borrowings of a fund. Both of these are part of a fund's capital structure. Regulatory leverage is subject to asset coverage limits set in the Investment Company Act of 1940.

S&P Municipal Bond Indexes Arizona, Michigan, Ohio and Texas: Unleveraged, market value-weighted indexes designed to measure the performance of the tax-exempt, investment-grade municipal bond markets in Arizona, Michigan, Ohio and Texas, respectively. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or management fees.

S&P Municipal Bond Index: An unleveraged, market value-weighted index designed to measure the performance of the tax- exempt, investment-grade U.S. municipal bond market. Index returns assume reinvestment of distributions, but do not reflect any applicable sales charges or management fees.

Total Investment Exposure: Total investment exposure is a fund's assets managed by the Adviser that are attributable to finan- cial leverage. For these purposes, financial leverage includes a fund's use of preferred stock and borrowings and investments in the residual interest certificates (also called inverse floating rate securities) in tender option bond (TOB) trusts, including the portion of assets held by a TOB trust that has been effectively financed by the trust's issuance of floating rate securities.

Zero Coupon Bond: A zero coupon bond does not pay a regular interest coupon to its holders during the life of the bond. Income to the holder of the bond comes from accretion of the difference between the original purchase price of the bond at issuance and the par value of the bond at maturity and is effectively paid at maturity. The market prices of zero coupon bonds generally are more volatile than the market prices of bonds that pay interest periodically.

Reinvest Automatically, Easily and Conveniently

Nuveen makes reinvesting easy. A phone call is all it takes to set up your reinvestment account.

Nuveen Closed-End Funds Automatic Reinvestment Plan

Nuveen Closed-End Fund allows you to conveniently reinvest distributions in additional Fund shares. By choosing to reinvest, you'll be able to invest money regularly and automatically, and watch your investment grow through the power of compounding. Just like distributions in cash, there may be times when income or capital gains taxes may be payable on distributions that are reinvested. It is important to note that an automatic reinvestment plan does not ensure a profit, nor does it protect you against loss in a declining market.

Easy and convenient

To make recordkeeping easy and convenient, each month you'll receive a statement showing your total distributions, the date of investment, the shares acquired and the price per share, and the total number of shares you own.

How shares are purchased

The shares you acquire by reinvesting will either be purchased on the open market or newly issued by the Fund. If the shares are trading at or above net asset value at the time of valuation, the Fund will issue new shares at the greater of the net asset value or 95% of the then-current market price. If the shares are trading at less than net asset value, shares for your account will be purchased on the open market. If the Plan Agent begins purchasing Fund shares on the open market while shares are trading below net asset value, but the Fund's shares subsequently trade at or above their net asset value before the Plan Agent is able to complete its purchases, the Plan Agent may cease open-market purchases and may invest the uninvested portion of the distribution in newly-issued Fund shares at a price equal to the greater of the shares' net asset value or 95% of the shares' market value on the last business day immediately prior to the purchase date. Distributions received to purchase shares in the open market will normally be invested shortly after the distribution payment date. No interest will be paid on distributions awaiting reinvestment. Because the market price of the shares may increase before purchases are completed, the average purchase price per share may exceed the market price at the time of valuation, resulting in the acquisition of fewer shares than if the distribution had been paid in shares issued by the Fund. A pro rata portion of any applicable brokerage commissions on open market purchases will be paid by Plan participants. These commissions usually will be lower than those charged on individual transactions. Flexible

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. You can reinvest whether your shares are registered in your name, or in the name of a brokerage firm, bank, or other nominee. Ask your investment advisor if his or her firm will participate on your behalf. Participants whose shares are registered in the name of one firm may not be able to transfer the shares to another firm and continue to participate in the Plan. The Fund reserves the right to amend or terminate the Plan at any time. Although the Fund reserves the right to amend the Plan to include a service charge payable by the participants, there is no direct service charge to participants in the Plan at this time.

Call today to start reinvesting distributions

For more information on the Nuveen Automatic Reinvestment Plan or to enroll in or withdraw from the Plan, speak with your financial advisor or call us at (800) 257-8787.

Annual Investment Management Agreement Approval Process (Unaudited)

At a meeting held on May 22-24, 2018 (the "May Meeting"), the Board of Trustees (each, a "Board," and each Trustee, a "Board Member") of each Fund, including the Board Members who are not "interested persons" (as defined under the Investment Company Act of 1940 (the "1940 Act")) (the "Independent Board Members"), approved, for its respective Fund, the renewal of the management agreement (the "Investment Management Agreement") with Nuveen Fund Advisors, LLC (the "Adviser") pursuant to which the Adviser serves as investment adviser to such Fund and the sub-advisory agreement (the "Sub-Advisory Agreement") with Nuveen Asset Management, LLC (the "Sub-Adviser") pursuant to which the Sub-Adviser serves as investment sub-adviser to such Fund. Following an initial two-year period, the Board, including the Independent Board Members, is required under the 1940 Act to review and approve each Investment Management Agreement and Sub-Advisory Agreement on behalf of the applicable Fund on an annual basis. The Investment Management Agreements and Sub-Advisory Agreements are collectively referred to as the "Advisory Agreements" and the Adviser and the Sub-Adviser are collectively, the "Fund Advisers" and each, a "Fund Adviser."

In response to a request on behalf of the Independent Board Members by independent legal counsel, the Board received and reviewed prior to the May Meeting extensive materials specifically prepared for the annual review of Advisory Agreements by the Adviser as well as by Broadridge Financial Solutions, Inc. ("Broadridge" or "Lipper"), an independent provider of investment company data. The materials provided in connection with the annual review covered a breadth of subject matter including, but not limited to, a description of the nature, extent and quality of services provided by each Fund Adviser; a review of the Sub-Adviser and the applicable investment team(s); an analysis of fund performance in absolute terms and as compared to the performance of certain peer funds and benchmarks with a focus on any performance outliers; an analysis of the fees and expense ratios of the Nuveen funds in absolute terms and as compared to those of certain peer funds with a focus on any expense outliers; a description of portfolio manager compensation; a review of the secondary market for Nuveen closed-end funds (including, among other things an analysis of performance, distribution and valuation and capital raising trends in the broader closed-end fund market and in particular to Nuveen closed-end funds; a review of the leverage management actions taken on behalf of the Nuveen closed-end funds and the resulting impact on performance; and a description of the distribution management process and any capital management activities); a review of the performance of various service providers; a description of various initiatives Nuveen had undertaken or continued during the year for the benefit of particular Nuveen fund(s) and/or the complex; a description of the profitability or financial data of Nuveen and the various sub-advisers to the Nuveen funds; and a description of indirect benefits received by the Fund Advisers as a result of their relationships with the Nuveen funds. The Independent Board Members also received a memorandum from independent legal counsel outlining their fiduciary duties and legal standards in reviewing the Advisory Agreements. The Board Members held an in-person meeting on April 10-11, 2018 (the "April Meeting"), in part, to review and discuss the performance of the Nuveen funds and the Adviser's evaluation of the various sub-advisers to the Nuveen funds. Prior to the May Meeting, the Board Members also received and reviewed supplemental information provided in response to questions posed by the Board Members.

The information prepared specifically for the annual review of the Advisory Agreements supplemented the information provided to the Board and its committees throughout the year. The Board and its committees met regularly during the year and the information provided and topics discussed were relevant to the review of the Advisory Agreements. Some of these reports and other data included, among other things, materials that outlined the investment performance of the Nuveen funds; strategic plans of the Adviser which may impact the services it provides to the Nuveen funds; the review of the Nuveen funds and applicable investment teams; the management of leveraging financing for the Nuveen closed-end funds; the secondary market trading of the Nuveen closed-end funds and any actions to address discounts; compliance, regulatory and risk management matters; the trading practices of the various sub-advisers; valuation of securities; fund expenses; and overall market and regulatory developments. The Board 73

Annual Investment Management Agreement Approval Process (Unaudited) (continued)

further continued its practice of seeking to meet periodically with the various sub-advisers to the Nuveen funds and their investment teams, when feasible. As a result, the Independent Board Members considered the review of the Advisory Agreements to be an ongoing process and employed the accumulated information, knowledge, and experience the Board Members had gained during their tenure on the boards governing the Nuveen funds and working with the Fund Advisers in their review of the Advisory Agreements. Throughout the year and during the annual review of Advisory Agreements, the Independent Board Members met in executive sessions with independent legal counsel and had the benefit of counsel's advice.

In deciding to renew the Advisory Agreements, the Independent Board Members did not identify a particular factor as determinative, but rather the decision reflected the comprehensive consideration of all the information provided, and each Board Member may have attributed different levels of importance to the various factors and information considered in connection with the approval process. The following summarizes the principal factors, but not all the factors, the Board considered in deciding to renew the Advisory Agreements and its conclusions.

A. Nature, Extent and Quality of Services

In evaluating the renewal of the Advisory Agreements, the Independent Board Members received and considered information regarding the nature, extent and quality of the applicable Fund Adviser's services provided to the respective Fund and the resulting performance of each Fund. With respect to the Adviser, the Board recognized the comprehensive set of management, oversight and administrative services the Adviser and its affiliates provided to manage and operate the Nuveen funds in a highly regulated industry. As illustrative, these services included, but were not limited to, product management; investment oversight, risk management and securities valuation services; fund accounting and administration services; board support and administration services; compliance and regulatory oversight services; legal support; and with respect to closed-end funds, leverage, capital and distribution management services.

In addition to the services necessary to operate and maintain the Nuveen funds, the Board recognized the Adviser's continued program of improvements and innovations to make the Nuveen fund complex more relevant and attractive to existing and new investors and to accommodate the new and changing regulatory requirements in an increasingly complex regulatory environment. The Board noted that some of the initiatives the Adviser had taken over recent years to benefit the complex and particular Nuveen funds included, among other things:

Fund Rationalizations - continuing efforts to rationalize the product line through mergers, liquidations and repositionings in seeking to enhance shareholder value over the years through increased efficiency, reduced costs, improved performance and revised investment approaches more relevant to current shareholder needs;

Product Innovations developing product innovations and leurobing pay products that will halp the Nuvcen fund.

Product Innovations - developing product innovations and launching new products that will help the Nuveen fund ·complex offer a variety of products that will attract new investors and retain existing investors, such as launching the target term funds, exchange-traded funds ("ETFs") and multi-asset class funds;

Risk Management Enhancements - continuing efforts to enhance risk management, including enhancing reporting to increase the efficiency of risk monitoring, implementing programs to strengthen the ability to detect and mitigate opera- tional risks, dedicating resources and staffing necessary to create standards to help ensure compliance with new liquidity requirements, and implementing a price verification system;

Additional Compliance Services – the continuing investment of significant resources, time and additional staffing to meet the various new regulatory requirements affecting the Nuveen funds over the past several years, the further implementation of unified compliance policies and processes, the development of additional compliance training modules, and the reorganization of the compliance team adding further depth to its senior leadership; Expanded Dividend Management Services – as the Nuveen fund complex has grown, the additional services necessary

to manage the distributions of the varied funds offered and investing in automated systems to assist in this process; and

·with respect specifically to closed-end funds, such initiatives also included:

Leverage Management Services - continuing activities to expand financing relationships and develop new product -- structures to lower fund leverage expenses and to manage associated risks, particularly in an interest rate increasing environment;

Capital Management Services - continuing capital management activities through the share repurchase program and wadditional equity offerings in seeking to increase net asset value and/or improve fund performance for the respective Nuveen funds;

Data and Market Analytics - continuing development of databases that help with obtaining and analyzing ownership data of closed-end funds;

Enhanced Secondary Market Reporting – providing enhanced reporting and commentary on the secondary market ··trad- ing of closed-end funds which permit more efficient analysis of the performance of the Nuveen funds compared to peers and of trends in the marketplace; and

.. Tender Option Bond Services – providing the additional support services necessary for Nuveen funds that seek to use tender option bonds to meet new regulatory requirements.

The Board also recognized the Adviser's investor relations program which seeks to advance the Nuveen closed-end funds through, among other things, raising awareness and delivering education regarding closed-end funds to investors and financial advisors and promoting the Nuveen closed-end funds with such investors. In addition to the services provided by the Adviser, the Board also noted the business related risks the Adviser incurred in managing the Nuveen funds, including entrepreneurial, legal and litigation risks.

The Board further considered the division of responsibilities between the Adviser and the Sub-Adviser and the investment and compliance oversight over the Sub-Adviser provided by the Adviser. The Board recognized that the Sub-Adviser generally provided the portfolio advisory services for the Funds. The Board reviewed the Adviser's analysis of the Sub-Adviser which evaluated, among other things, the investment team, the members' experience and any changes to the team during the year, the team's assets under management, the stability and history of the organization, the team's investment approach and the performance of the Funds over various periods. The Board noted that the Adviser recommended the renewal of the Sub-Advisory Agreements.

Based on its review, the Board determined, in the exercise of its reasonable business judgment, that it was satisfied with the nature, extent and quality of services provided to the respective Funds under each applicable Advisory Agreement.

B. The Investment Performance of the Funds and Fund Advisers

As part of its evaluation of the services provided by the Fund Advisers, the Board considered the investment performance of each Fund. In this regard, the Board reviewed fund performance over the quarter, one-, three- and five-year periods ending December 31, 2017 as well as performance data for the first quarter of 2018 ending March 31, 2018. The Independent Board Members noted that they reviewed and discussed fund performance over various time periods with management at their quarterly meetings throughout the year and their review and analysis of performance during the annual review of Advisory Agreements incorporated such discussions.

The Board reviewed performance on an absolute basis and in comparison to the performance of peer funds (the "Performance Peer Group") and recognized and/or customized benchmarks (i.e., generally benchmarks derived from multiple recognized benchmarks). The Board considered the Adviser's analysis of each Nuveen fund's performance, including, in particular, an analysis of the Nuveen funds determined to be performance outliers and the factors contributing to their underperformance. In addition to the foregoing, in recognizing the importance of secondary market trading to shareholders of closed-end funds, the Board

Annual Investment Management Agreement Approval Process (Unaudited) (continued)

reviewed, among other things, the premium or discount to net asset value of the Nuveen closed-end funds as of a specified date as well as relative to the premiums or discounts of certain peers and the funds' total return based on net asset value and market price over various periods. The Board considers the review of premiums and discounts of the closed-end funds to be a continuing priority and as such, the Board and/or its Closed-end Fund Committee also receives an update on the secondary closed-end fund market and evaluates the premiums and discounts of the Nuveen closed-end funds at each quarterly meeting, reviewing, among other things, the premium and discount trends in the broader closed-end fund market, by asset category and by closed-end fund; the historical total return performance data for the Nuveen closed-end funds based on net asset value and price over various periods; the volatility trends in the market; the distribution data of the Nuveen closed-end funds and as compared to peer averages; and a summary of the common share shelf offerings and share repurchase activity during the applicable quarter. As the Board's Closed-end Fund Committee oversees matters particularly impacting the closed-end fund product line, the committee further engages in more in-depth discussions of the premiums and discounts of the Nuveen closed-end funds at each of its quarterly meetings.

In reviewing performance data, the Independent Board Members appreciated some of the inherent limitations of such data. In this regard, the Independent Board Members recognized that there may be limitations with the comparative data of certain peer groups or benchmarks as they may pursue objective(s), strategies or have other characteristics that are different from the respective Nuveen fund and therefore the performance results necessarily are different and limit the value of the comparisons. As an example, some funds may utilize leverage which may add to or detract from performance compared to an unlevered benchmark. The Independent Board Members also noted that management had ranked the relevancy of the peer group as low, medium or high to help the Board evaluate the value of the comparative peer performance data. The Board was aware that the performance data was measured as of a specific date and a different time period may reflect significantly different results and a period of underperformance can significantly impact long term performance figures. The Board further recognized that a shareholder's experience in a Fund depends on his or her own holding period which may differ from that reviewed by the Independent Board Members. In their review of performance, the Independent Board Members focused, in particular, on the Adviser's analysis of Nuveen funds determined to be underperforming performance outliers. The Independent Board Members noted that only a limited number of the Nuveen funds appeared to be underperforming performance outliers at the end of 2017 and considered the factors contributing to the respective fund's performance and whether there were any performance concerns that needed to be addressed. The Board recognized that some periods of underperformance may only be temporary while other periods of underperformance may indicate a broader issue that may require a corrective action. Accordingly, with respect to any Nuveen funds for which the Board had identified performance issues, the Board monitors such funds closely until performance improves, discusses with the Adviser the reasons for such results, considers whether any steps are necessary or appropriate to address such issues, and reviews the results of any efforts undertaken.

For Nuveen Arizona Quality Municipal Income Fund (the "Arizona Fund"), the Board noted that the Fund ranked in the first quartile of its Performance Peer Group in the one-year period and second quartile in the three- and five-year periods. The Fund also outperformed its benchmark in the one-, three- and five-year periods. The Board was satisfied with the Fund's overall performance.

For Nuveen Michigan Quality Municipal Income Fund (the "Michigan Fund"), the Board noted that the Fund ranked in the second quartile of its Performance Peer Group in the one-, three- and five-year periods and outperformed its benchmark in such periods. The Board was satisfied with the Fund's overall performance.

For Nuveen Ohio Quality Municipal Income Fund (the "Ohio Fund"), the Board noted that the Fund ranked in the second quartile of its Performance Peer Group in the one-, three- and five-year periods and outperformed its benchmark in such periods. The Board was satisfied with the Fund's overall performance.

For Nuveen Texas Quality Municipal Income Fund (the "Texas Fund"), the Board noted that although the Fund ranked in the fourth quartile of its Performance Peer Group in the three-year period, the Fund ranked in the second quartile in the one-year period and third quartile in the five-year period. The Fund also outperformed its benchmark in the one-, three- and five-year periods. The Board was satisfied with the Fund's overall performance.

## C. Fees, Expenses and Profitability

#### 1. Fees and Expenses

In its annual review, the Board considered the fees paid to the Fund Advisers and the total operating expense ratio of each Fund. More specifically, the Independent Board Members reviewed, among other things, each Fund's gross and net management fee rates and net total expense ratio in relation to those of a comparable universe of funds (the "Peer Universe") established by Broadridge. The Independent Board Members reviewed the methodology Broadridge employed to establish its Peer Universe and recognized that differences between the applicable fund and its respective Peer Universe may limit some of the value of the comparative data. The Independent Board Members also considered a fund's operating expense ratio as it more directly reflected the shareholder's costs in investing in the respective fund. In their review, the Independent Board Members considered, in particular, each fund with a net expense ratio (excluding investment-related costs of leverage for closed-end funds) of six basis points or higher compared to that of its peer average (each an "Expense Outlier Fund"). The Board noted that the number of Nuveen funds classified as an Expense Outlier Fund pursuant to the foregoing criteria had decreased over the past few years with only a limited number of the Nuveen funds identified as Expense Outlier Funds in 2017. The Independent Board Members reviewed an analysis as to the factors contributing to each such fund's higher relative net expense ratio. In addition, although the Board reviewed a fund's total net expenses both including and excluding investment-related expenses (i.e., leverage costs) and taxes for certain of the Nuveen closed-end funds, the Board recognized that leverage expenses will vary across funds and in comparison to peers because of differences in the forms and terms of leverage employed by the respective fund. Accordingly, in reviewing the comparative data between a fund and its peers, the Board generally considered the fund's net expense ratio and fees (excluding leverage costs and leveraged assets for the closed-end funds) to be higher if they were over 10 basis points higher, slightly higher if they were 6 to 10 basis points higher, in line if they were within approximately 5 basis points higher than the peer average and below if they were below the peer average of the Peer Universe.

In their review of the fee arrangements for the Nuveen funds, the Independent Board Members considered the management fee schedules, including the complex-wide and fund-level breakpoint schedules, as applicable. The Board considered that across the Nuveen fund complex, the complex-wide fee breakpoints reduced fees by \$47.4 million and fund-level breakpoints reduced fees by \$54.6 million in 2017.

The Board considered the sub-advisory fees paid to the Sub-Adviser, including any breakpoint schedule, and as described below, comparative data of the fees the Sub-Adviser charges to other clients.

The Independent Board Members noted that: (a) the Arizona Fund, the Michigan Fund and the Ohio Fund each had a net management fee in line with its respective peer average and a net expense ratio below its respective peer average; and (b) the Texas Fund had a net management fee and a net expense ratio below its peer averages.

Based on their review of the information provided, the Board determined that each Fund's management fees (as applicable) to a Fund Adviser were reasonable in light of the nature, extent and quality of services provided to the Fund.

#### 2. Comparisons with the Fees of Other Clients

In determining the appropriateness of fees, the Board also reviewed information regarding the fee rates the respective Fund Advisers charged for certain other types of clients and the type of services provided to these other clients. With respect to the Adviser and/or affiliated sub-advisers to the municipal funds, such other clients may include retail and institutional managed accounts, passively managed ETFs sub-advised by the Sub-Adviser but that are offered by another fund complex and municipal managed accounts offered by an unaffiliated adviser.

#### Annual Investment Management Agreement Approval Process (Unaudited) (continued)

The Board recognized that each Fund had an affiliated sub-adviser and reviewed, among other things, the range of fees and average fee rates assessed for managed accounts. In addition to the comparative fee data, the Board also reviewed, among other things, a description of the different levels of services provided to other clients compared to the services provided to the Nuveen funds as well as the differences in portfolio investment policies, investor profiles, account sizes and regulatory requirements, all of which contribute to the variations in the fee schedules. In general, the Board noted that the higher fee levels reflect higher levels of services provided by Nuveen, increased investment management complexity, greater product management requirements and higher levels of business risk or some combination of these factors. The Board further considered that the Sub-Adviser's fee is essentially for portfolio management services and therefore more comparable to the fees it receives for retail wrap accounts and other external sub-advisory mandates. The Board concluded the varying levels of fees were justified given, among other things, the inherent differences in the products and the level of services provided to the Nuveen funds versus other clients, the differing regulatory requirements and legal liabilities and the entrepreneurial risks incurred in sponsoring and advising a registered investment company.

## 3. Profitability of Fund Advisers

In conjunction with their review of fees, the Independent Board Members considered Nuveen's level of profitability for its advisory services to the Nuveen funds for the calendar years 2017 and 2016. In considering profitability, the Independent Board Members reviewed the level of profitability realized by Nuveen including and excluding any distribution expenses incurred by Nuveen from its own resources. The Independent Board Members also reviewed a description of the expense allocation methodology employed to develop the financial information and a summary of the history of changes to the methodology over the years. For comparability purposes, the Board recognized that a prior year's profitability would be restated to reflect any refinements to the methodology. The Independent Board Members were aware of the inherent limitations in calculating profitability as the use of different reasonable allocation methodologies may lead to significantly different results and in reviewing profitability margins over extended periods given the refinements to the methodology over time. The Board noted that two Independent Board Members, along with independent counsel, serve as the Board's liaisons to review and discuss any proposed changes to the methodology prior to the full Board's review.

In their review, the Independent Board Members evaluated, among other things, Nuveen's adjusted operating margins, gross and net revenue margins (pre-tax and after-tax) for advisory activities for the Nuveen funds, and the revenues, expenses, and net income (pre-tax and after-tax and before distribution) of Nuveen for fund advisory services for each of the last two calendar years. The Independent Board Members also reviewed an analysis of the key drivers behind the changes in revenues and expenses that impacted profitability in 2017 versus 2016. The Board noted that Nuveen recently launched its ETF product line in 2016 and reviewed the revenues, expenses and operating margin from this product line.

In addition to reviewing Nuveen's profitability in absolute terms, the Independent Board Members also examined comparative profitability data reviewing, among other things, the revenues, expenses and adjusted total company margins of other advisory firms that had publicly available information and comparable assets under management (based on asset size and asset composition) for 2017 and as compared to their adjusted operating margins for 2016. The Independent Board Members, however, recognized the difficulty in comparing the profitability of various fund managers given the limited public information available and the subjective nature of calculating profitability which may be affected by numerous factors including the fund manager's organizational structure, types of funds, other lines of business, methodology used to allocate expenses and cost of capital. Nevertheless, considering such limitations and based on the information provided, the Board noted that Nuveen's adjusted operating margins appeared reasonable when compared to the adjusted margins of the peers.

Aside from Nuveen's profitability, the Board recognized that the Adviser is a subsidiary of Nuveen, LLC, the investment management arm of Teachers Insurance and Annuity Association of America ("TIAA"). As such, the Board also reviewed a balance sheet for TIAA reflecting its assets, liabilities and capital and contingency reserves for the 2017 and 2016 calendar years to consider the financial strength of TIAA.

In reviewing profitability, the Independent Board Members also considered the profitability of the various sub-advisers from their relationships with the respective Nuveen fund(s). The Independent Board Members reviewed the Sub-Adviser's revenues, expenses and revenue margins (pre- and post-tax) for its advisory activities for the calendar year ended December 31, 2017. The Independent Board Members also reviewed a profitability analysis reflecting the revenues, expenses and revenue margin (pre- and post-tax) by asset type for the Sub-Adviser for the calendar year ending December 31, 2017 and the pre- and post-tax revenue margin from 2017 and 2016. In evaluating the reasonableness of the compensation, the Independent Board Members also considered any other ancillary benefits derived by the respective Fund Adviser from its relationship with the Nuveen funds as discussed in further detail below.

Based on a consideration of all the information provided, the Board noted that Nuveen's and the Sub-Adviser's level of profitability was acceptable and not unreasonable in light of the services provided.

D. Economies of Scale and Whether Fee Levels Reflect These Economies of Scale

The Independent Board Members considered the extent to which economies of scale may be achieved as a Fund grows and whether these economies of scale have been shared with shareholders. Although the Board recognized that economies of scale are difficult to measure, the Independent Board Members noted that there are several methods that may be used in seeking to share economies of scale, including through breakpoints in the management fee schedule reducing the fee rates as asset levels grow, fee waivers and/or expense limitation agreements and the Adviser's investment in its business which can enhance the services provided to the Nuveen funds. With respect to breakpoint schedules, because the Board had previously recognized that economies of scale may occur not only when the assets of a particular fund grow but also when the assets in the complex grow, the Nuveen funds generally pay the Adviser a management fee comprised of a fund-level component and a complex-level component each with its own breakpoint schedule, subject to certain exceptions. In general terms, the breakpoint schedule at the fund level reduces fees as assets in the particular fund pass certain thresholds and the breakpoint schedule at the complex level reduces fees on certain funds as the eligible assets in the complex pass certain thresholds. Subject to exceptions for certain Nuveen funds, the Independent Board Members reviewed the fund-level and complex-level fee schedules and any resulting savings in fees. In addition, with respect to closed-end funds, the Independent Board Members noted that, although such funds may from time-to-time make additional share offerings, the growth of their assets would occur primarily through the appreciation of such funds' investment portfolios. Further, the Independent Board Members recognized the Adviser's continued reinvestment in its business through, among other things, improvements in technology, additional staffing, product innovations and other organizational changes designed to expand or enhance the services provided to the benefit of all of the Nuveen funds.

Based on its review, the Board concluded that the current fee arrangements together with the Adviser's reinvestment in its business appropriately shared any economies of scale with shareholders.

#### E. Indirect Benefits

The Independent Board Members received and considered information regarding other benefits the respective Fund Adviser or its affiliates may receive as a result of their relationship with the Nuveen funds. The Independent Board Members reviewed the revenues that an affiliate of the Adviser received in 2017 as a result of serving as co-manager in the initial public offerings of new closed-end funds and as the underwriter on shelf offerings of existing closed-end funds.

In addition to the above, the Independent Board Members considered whether the Sub-Adviser uses commissions paid by the Funds on portfolio transactions to obtain research products and other services ("soft dollar transactions"). The Board recognized that the Sub-Adviser may benefit from research received from broker-dealers that execute Fund portfolio transactions. The Board, however, noted that the benefits for sub-advisers transacting in fixed-income securities may be more limited as such securities generally trade on a principal basis and therefore do not generate brokerage commissions. Further, the Board noted

Annual Investment Management Agreement Approval Process (Unaudited) (continued)

that although the Sub-Adviser may benefit from the receipt of research and other services that it may otherwise have to pay for out of its own resources, the research may also benefit the Funds to the extent it enhances the ability of the Sub-Adviser to manage the Funds or is acquired through the commissions paid on portfolio transactions of other funds or clients.

Based on their review, the Board concluded that any indirect benefits received by a Fund Adviser as a result of its relationship with the Funds were reasonable and within acceptable parameters.

#### F. Other Considerations

The Board Members did not identify any single factor discussed previously as all-important or controlling. The Board Members, including the Independent Board Members, concluded that the terms of each Advisory Agreement were fair and reasonable, that the respective Fund Adviser's fees were reasonable in light of the services provided to each Fund and that the Advisory Agreements be renewed.

Notes

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Nuveen:

Serving Investors for Generations

Since 1898, financial advisors and their clients have relied on Nuveen to provide dependable investment solutions through continued adherence to proven, long-term investing principles. Today, we offer a range of high quality solutions designed to be integral components of a well-diversified core portfolio.

Focused on meeting investor needs.

Nuveen is the investment manager of TIAA. We have grown into one of the world's premier global asset managers, with specialist knowledge across all major asset classes and particular strength in solutions that provide income for investors and that draw on our expertise in alternatives and responsible investing. Nuveen is driven not only by the independent investment processes across the firm, but also the insights, risk management, analytics and other tools and resources that a truly world-class platform provides. As a global asset manager, our mission is to work in partnership with our clients to create solutions which help them secure their financial future. Find out how we can help you.

To learn more about how the products and services of Nuveen may be able to help you meet your financial goals, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest. Investors should consider the investment objective and policies, risk considerations, charges and expenses of any investment carefully. Where applicable, be sure to obtain a prospectus, which contains this and other relevant information. To obtain a prospectus, please contact your securities representative or Nuveen, 333 W. Wacker Dr., Chicago, IL 60606. Please read the prospectus carefully before you invest or send money.

Learn more about Nuveen Funds at: www.nuveen.com/closed-end funds

Nuveen Securities, LLC, member FINRA and SIPC | 333 West Wacker Drive Chicago, IL 60606 | www.nuveen.com

ESA-B-0818D 621981-INV-B-10/19 ITEM 2. CODE OF ETHICS.

Not applicable to this filing.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Not applicable to this filing.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Not applicable to this filing.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

Not applicable to this filing.

ITEM 6. SCHEDULE OF INVESTMENTS.

- (a) See Portfolio of Investments in Item 1.
- (b) Not applicable.

ITEM 7. DISCLOSURE OF PROXY VOTING POLICIES AND PROCEDURES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 8. PORTFOLIO MANAGERS OF CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable to this filing.

ITEM 9. PURCHASES OF EQUITY SECURITIES BY CLOSED-END MANAGEMENT INVESTMENT COMPANY AND AFFILIATED PURCHASERS.

Period*	(a) TOTAL NUMBER OF	(b) AVERAGE	(c) TOTAL NUMBER OF SHARES	(d)* MAXIMUM NUMBER (OR
	SHARES (OR	PRICE	(OR UNITS) PURCHASED AS	APPROXIMATE DOLLAR VALUE) OF
	UNITS)	PAID PER	PART OF PUBLICLY	SHARES (OR UNITS) THAT MAY YET
	PURCHASED	SHARE (OR	ANNOUNCED PLANS OR	BE PURCHASED UNDER THE PLANS OR
		UNIT)	PROGRAMS	PROGRAMS
MARCH 1-31, 2018	7,200	13.69	0	1,842,800
APRIL 1-30, 2018	10,600	13.59	0	1,832,200

MAY 1-31, 2018	8,600	13.63	0	1,823,600
JUNE 1-30, 2018	800	13.81	0	1,822,800
JULY 1-31, 2018	0	0	0	1,822,800
AUGUST 1-31, 2018	1,500	13.80	0	1,850,000

#### TOTAL 28,700

#### ITEM 10. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS.

There have been no material changes to the procedures by which shareholders may recommend nominees to the registrant's Board implemented after the registrant last provided disclosure in response to this Item.

#### ITEM 11. CONTROLS AND PROCEDURES.

- (a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")(17 CFR 240.13a-15(b) or 240.15d-15(b)).
- (b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

# ITEM 12. DISCLOSURE OF SECURITIES LENDING ACTIVITIES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES. Not applicable.

#### ITEM 13. EXHIBITS.

File the exhibits listed below as part of this Form.

- (a)(1) Any code of ethics, or amendment thereto, that is the subject of the disclosure required by Item 2, to the extent that the registrant intends to satisfy the Item 2 requirements through filing of an exhibit: Not applicable to this filing.
- (a)(2) A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)) in the exact form set forth below: See Ex-99.CERT attached hereto.

<sup>\*</sup> The program was reauthorized for a maximum repurchase amount of 1,850,000,000 shares on August 7, 2018. Any repurchases made by the registrant pursuant to the program were made through open-market transactions.

- (a)(3) Any written solicitation to purchase securities under Rule 23c-1 under the 1940 Act (17 CFR 270.23c-1) sent or given during the period covered by the report by or on behalf of the registrant to 10 or more persons: Not applicable.
- (b) If the report is filed under Section 13(a) or 15(d) of the Exchange Act, provide the certifications required by Rule 30a-2(b) under the 1940 Act (17 CFR 270.30a-2(b)); Rule 13a-14(b) or Rule 15d-14(b) under the Exchange Act (17 CFR 240.13a-14(b) or 240.15d-14(b)), and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350) as an exhibit. A certification furnished pursuant to this paragraph will not be deemed "filed" for purposes of Section 18 of the Exchange Act (15 U.S.C. 78r), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference: See Ex-99.906 CERT attached hereto.

#### **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Ohio Quality Municipal Income Fund

By (Signature and Title) /s/ Gifford R. Zimmerman Gifford R. Zimmerman Vice President and Secretary

Date: November 7, 2018

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ Cedric H. Antosiewicz Cedric H. Antosiewicz Chief Administrative Officer (principal executive officer)

Date: November 7, 2018

By (Signature and Title) /s/ Stephen D. Foy Stephen D. Foy Vice President and Controller (principal financial officer)

Date: November 7, 2018