

NUVEEN SELECT TAX FREE INCOME PORTFOLIO 3
Form N-Q
February 28, 2014

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT
COMPANY

Investment Company Act file number 811-6693

Nuveen Select Tax-Free Income Portfolio 3
(Exact name of registrant as specified in charter)

Nuveen Investments
333 West Wacker Drive, Chicago, Illinois 60606
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 3/31

Date of reporting period: 12/31/13

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

Portfolio of Investments (Unaudited)

Nuveen Select Tax-Free Income Portfolio 3
(NXR)

December 31, 2013

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 97.0%			
	MUNICIPAL BONDS – 97.0%			
	Alaska – 1.1%			
\$ 2,675	Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32	6/14 at 100.00	B2	\$ 1,950,236
	California – 17.6%			
12,500	Anaheim Public Financing Authority, California, Subordinate Lease Revenue Bonds, Public Improvement Project, Series 1997C, 0.000%, 9/01/35 – AGM Insured	No Opt. Call	AA–	3,378,750
1,000	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A, 5.600%, 6/01/36	12/18 at 100.00	BB–	770,790
1,125	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 5.000%, 6/01/26	6/15 at 100.00	B–	1,006,965
2,595	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	2,596,168
890	California Statewide Community Development Authority, Revenue Bonds, Methodist Hospital Project, Series 2009, 6.750%, 2/01/38	8/19 at 100.00	Aa2	1,027,265
275	California Statewide Financing Authority, Tobacco Settlement Asset-Backed Bonds, Pooled	3/14 at 100.00	BBB	261,137

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2,275	Tobacco Securitization Program, Series 2002A, 5.625%, 5/01/29 Folsom Cordova Unified School District, Sacramento County, California, General Obligation Bonds, School Facilities Improvement District 4, Series 2007A, 0.000%, 10/01/28 – NPFG Insured	No Opt. Call	AA–	1,016,425
2,885	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/28 – AMBAC Insured	No Opt. Call	A2	1,488,314
750	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1: 4.500%, 6/01/27	6/17 at 100.00	B	631,928
2,090	5.000%, 6/01/33	6/17 at 100.00	B	1,516,859
4,055	Kern Community College District, California, General Obligation Bonds, Series 2003A, 0.000%, 3/01/28 – FGIC Insured	No Opt. Call	Aa2	2,027,906
1,160	Mount San Antonio Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/43	8/35 at 100.00	AA	534,656
11,985	Norwalk La Mirada Unified School District, Los Angeles County, California, General Obligation Bonds, Election of 2002, Series 2007C, 0.000%, 8/01/32 – AGM Insured	No Opt. Call	AA–	4,368,052
3,000	Palomar Pomerado Health, California, General Obligation Bonds, Election of 2004, Series 2007A, 0.000%, 8/01/25 – NPFG Insured	No Opt. Call	A+	1,728,570
8,040	Placentia-Yorba Linda Unified School District, Orange County, California, Certificates of Participation, Series 2006, 0.000%, 10/01/34 – FGIC Insured	No Opt. Call	A+	2,381,689
1,500	Placer Union High School District, Placer County, California, General Obligation Bonds, Series 2004C, 0.000%, 8/01/32 – AGM Insured	No Opt. Call	AA	546,690
8,000	Poway Unified School District, San Diego County, California, School Facilities Improvement District 2007-1 General Obligation Bonds, Series 2009A, 0.000%, 8/01/32	No Opt. Call	Aa2	2,979,680

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3,940	Rancho Mirage Redevelopment Agency, California, Tax Allocation Bonds, Combined Whitewater and 1984 Project Areas, Series 2003A, 0.000%, 4/01/35 – NPFG Insured	No Opt. Call	A+	1,108,007
1,030	Riverside Public Financing Authority, California, Tax Allocation Bonds, University Corridor, Series 2007C, 5.000%, 8/01/37 – NPFG Insured	8/17 at 100.00	A	966,243
1,250	San Jose, California, Airport Revenue Bonds, Series 2004D, 5.000%, 3/01/28 – NPFG Insured	3/14 at 100.00	A	1,256,063
70,345	Total California Colorado – 5.3%			31,592,157
1,540	Arkansas River Power Authority, Colorado, Power Revenue Bonds, Series 2006, 5.250%, 10/01/40 – SYNCORA GTY Insured	10/16 at 100.00	BBB–	1,404,080
400	Colorado Department of Transportation, Certificates of Participation, Series 2004, 5.000%, 6/15/34 (Pre-refunded 6/15/14) – NPFG Insured	6/14 at 100.00	AA– (4)	408,864
2,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA–	1,979,900
1,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Valley View Hospital Association, Series 2007, 5.250%, 5/15/42	5/17 at 100.00	BBB+	967,710
1,935	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	1,929,311
1,295	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B, 0.000%, 9/01/32 – NPFG Insured	No Opt. Call	A	427,998
5,520	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/28 – NPFG Insured	9/20 at 63.98	A	2,458,884
13,690	Total Colorado District of Columbia – 0.1%			9,576,747
240	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2001, 6.250%, 5/15/24	5/14 at 100.00	A1	238,788

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	Florida – 0.6%			
1,000	Hillsborough County Industrial Development Authority, Florida, Hospital Revenue Bonds, Tampa General Hospital, Series 2006, 5.250%, 10/01/41	10/16 at 100.00	A3	1,003,850
	Illinois – 14.0%			
3,500	Chicago Board of Education, Illinois, General Obligation Bonds, Series 1999A, 0.000%, 12/01/28 – FGIC Insured	No Opt. Call	A+	1,382,675
2,000	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2006A, 4.625%, 1/01/31 – AGM Insured	1/16 at 100.00	AA–	1,890,680
1,050	Illinois Finance Authority, Revenue Bonds, Loyola University of Chicago, Tender Option Bond Trust 1137, 9.252%, 7/01/15 (IF)	No Opt. Call	Aa1	1,057,686
260	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A, 6.000%, 7/01/43	7/23 at 100.00	A–	268,645
1,600	Illinois Finance Authority, Revenue Bonds, Resurrection Health Care System, Series 1999B, 5.000%, 5/15/24 – AGM Insured	5/18 at 100.00	AA–	1,672,848
2,185	Illinois Finance Authority, Revenue Bonds, YMCA of Southwest Illinois, Series 2005, 5.000%, 9/01/31 – RAAI Insured	9/15 at 100.00	Aa3	1,896,187
1,500	Illinois Finance Authority, Revenue Refunding Bonds, Silver Cross Hospital and Medical Centers, Series 2008A, 5.500%, 8/15/30	8/18 at 100.00	BBB+	1,507,485
750	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., University Center Project, Series 2006B, 5.000%, 5/01/25	11/16 at 100.00	BBB+	739,748
1,500	Illinois Health Facilities Authority, Revenue Bonds, Evangelical Hospitals Corporation, Series 1992C, 6.250%, 4/15/22 (ETM)	No Opt. Call	N/R (4)	1,859,430
1,675	Illinois Housing Development Authority, Homeowner Mortgage Revenue Bonds, Series 2006C2, 5.050%, 8/01/27 (Alternative Minimum Tax)	2/16 at 100.00	AA	1,690,293
2,190	Illinois State, General Obligation Bonds, Refunding Series 2012, 5.000%, 8/01/23	No Opt. Call	A–	2,327,291
1,000		No Opt. Call	Aa3	675,380

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	Kankakee & Will Counties Community Unit School District 5, Illinois, General Obligation Bonds, Series 2006, 0.000%, 5/01/23 – AGM Insured Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:			
2,500	0.000%, 12/15/30 – NPFG Insured	No Opt. Call	AAA	970,375
4,775	0.000%, 12/15/31 – NPFG Insured	No Opt. Call	AAA	1,704,532
5,000	0.000%, 12/15/36 – NPFG Insured	No Opt. Call	AAA	1,313,150
2,000	0.000%, 6/15/37 – NPFG Insured	No Opt. Call	AAA	510,180
	Schaumburg, Illinois, General Obligation Bonds, Series 2004B, 5.250%, 12/01/34			
1,300	(Pre-refunded 12/01/14) – FGIC Insured	12/14 at 100.00	AAA	1,360,008
	Springfield, Illinois, Electric Revenue Bonds, Senior Lien Series 2007, 5.000%, 3/01/22 – NPFG Insured			
2,000		3/17 at 100.00	A	2,067,180
	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/42			
310		10/23 at 100.00	A	314,132
37,095	Total Illinois Indiana – 4.6%			25,207,905
	Franklin Community Multi-School Building Corporation, Johnson County, Indiana, First Mortgage Revenue Bonds, Series 2004, 5.000%, 7/15/22 (Pre-refunded 7/15/14) – FGIC Insured			
1,000		7/14 at 100.00	A+ (4)	1,026,130
	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Methodist Hospitals Inc., Series 2001, 5.375%, 9/15/22			
3,520		3/14 at 100.00	BBB	3,522,992
	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 – AGM Insured			
840		No Opt. Call	AA–	886,939
	Shelbyville Central Renovation School Building Corporation, Indiana, First Mortgage Bonds, Series 2005, 4.375%, 7/15/25 – NPFG Insured			
2,295		7/15 at 100.00	AA+	2,342,323
	Zionsville Community Schools Building Corporation, Indiana, First Mortgage Bonds, Series 2005Z, 0.000%, 7/15/28 – AGM Insured			
1,000		No Opt. Call	AA–	523,960
8,655	Total Indiana Iowa – 2.7%			8,302,344
2,745	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project,	7/16 at 100.00	BB+	2,752,027

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	Series 2006A, 5.000%, 7/01/20 Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company	No Opt. Call	BB–	1,279,859
1,330	Project, Series 2013, 5.000%, 12/01/19 Iowa Tobacco Settlement Authority, Tobacco Asset-Backed Revenue Bonds, Series 2005B, 5.600%, 6/01/34	6/17 at 100.00	B+	787,313
950	Total Iowa Kansas – 1.2%			4,819,199
5,025	Lawrence, Kansas, Hospital Revenue Bonds, Lawrence Memorial Hospital, Refunding Series 2006: 5.125%, 7/01/26	7/16 at 100.00	A1	1,450,565
1,425	4.875%, 7/01/36	7/16 at 100.00	A1	683,179
700	Total Kansas Maryland – 0.3%			2,133,744
2,125	Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/23 – SYNCORA GTY Insured	9/16 at 100.00	BB+	550,836
550	Michigan – 2.3%			
	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	BBB+	322,340
355	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured	7/16 at 100.00	A	3,021,753
3,535	Detroit, Michigan, Water Supply System Second Lien Revenue Refunding Bonds, Series 2006C, 5.000%, 7/01/33 – AGM Insured	No Opt. Call	AA–	592,640
640	Royal Oak Hospital Finance Authority, Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39	9/18 at 100.00	A1	298,285
250	Total Michigan Mississippi – 0.4%			4,235,018
4,780	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24 Missouri – 0.2%	9/14 at 100.00	AA–	743,988
725	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales	10/18 at 100.00	AA+	288,093
270				

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	Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/28 Montana – 0.8% Montana Facilities Finance Authority, Revenue Bonds, Sisters of Charity of Leavenworth Health	1/20 at 100.00	AA–	1,414,670
1,440	Services Corporation, Camposite Deal Series 2010A, 4.750%, 1/01/40 Nevada – 2.7% Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran International Airport, Series 2010A, 5.250%, 7/01/42	1/20 at 100.00	A+	1,013,860
1,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Series 2005A, 5.000%, 6/01/18 – FGIC Insured	6/15 at 100.00	AA+	1,727,814
1,625	North Las Vegas, Nevada, General Obligation Bonds, Series 2006, 5.000%, 5/01/36 – NPFG Insured	5/16 at 100.00	A	2,198,600
2,500	Total Nevada			4,940,274
5,125	New Jersey – 2.3% New Jersey Economic Development Authority, Revenue Bonds, Motor Vehicle Surcharge, Series 2004A, 5.000%, 7/01/34 – NPFG Insured	7/14 at 100.00	A	2,027,300
2,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2006C, 0.000%, 12/15/28 – AMBAC Insured	No Opt. Call	A+	2,120,891
4,570	Total New Jersey			4,148,191
6,570	New Mexico – 2.8% New Mexico Mortgage Finance Authority, Multifamily Housing Revenue Bonds, St Anthony, Series 2007A, 5.250%, 9/01/42 (Alternative Minimum Tax)	9/17 at 100.00	N/R	957,120
1,000	University of New Mexico, FHA-Insured Hospital Mortgage Revenue Bonds, University of Mexico Hospital Project, Series 2004, 4.625%, 1/01/25 – AGM Insured	7/14 at 100.00	AA–	4,021,799
4,000	Total New Mexico			4,978,919
5,000	New York – 6.4% Dormitory Authority of the State of New York, FHA Insured Mortgage Hospital Revenue Bonds, Kaleida Health, Series 2006, 4.700%, 2/15/35	8/16 at 100.00	AAA	989,658
1,025	Long Island Power Authority, New York, Electric System General Revenue Bonds,	9/14 at 100.00	AA+	3,822,974
3,750				

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	Series 2004A, 5.000%, 9/01/34 – BHAC Insured Long Island Power Authority, New York, Electric System Revenue Bonds, Refunding			
2,385	Series 2010A, 5.000%, 5/01/14 (ETM) Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Refunding	No Opt. Call 11/22 at 100.00	A– (4) A	2,422,993 1,345,325
1,250	Series 2012F, 5.000%, 11/15/26 New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal	5/17 at 100.00	AAA	2,653,525
2,500	Series 2007B, 4.750%, 11/01/27 Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	281,915
11,175	Total New York Ohio – 3.8% Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2: 5.375%, 6/01/24	6/17 at 100.00	B–	1,143,411
1,345	6.000%, 6/01/42	6/17 at 100.00	BB+	1,082,869
1,465	5.875%, 6/01/47	6/17 at 100.00	B	323,888
435	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37	6/22 at 100.00	B	2,890,589
3,720	Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior Lien Series	2/23 at 100.00	A+	1,456,990
1,475	2013A-1, 5.000%, 2/15/48			6,897,747
8,440	Total Ohio Oklahoma – 1.7% Oklahoma Development Finance Authority, Revenue Bonds, St. John Health System, Series 2004, 5.000%, 2/15/24 (Pre-refunded 2/15/14)	2/14 at 100.00	A+ (4)	3,017,760
3,000	Pennsylvania – 2.1% Dauphin County Industrial Development Authority, Pennsylvania, Water Development Revenue Refunding Bonds, Dauphin Consolidated Water Supply Company, Series 1992B, 6.700%, 6/01/17	No Opt. Call	A–	2,809,941
2,435	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Subordinate Special	12/20 at 100.00	AA	917,460

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	Revenue			
	Bonds, Series 2010B, 0.000%, 12/01/30			
3,435	Total Pennsylvania			3,727,401
	Puerto Rico – 2.2%			
	Puerto Rico Highway and Transportation			
	Authority, Highway Revenue Bonds, Series			
945	2007N, 5.250%,	No Opt. Call	BBB	708,249
	7/01/31 – AMBAC Insured			
	Puerto Rico Sales Tax Financing Corporation,			
	Sales Tax Revenue Bonds, First Subordinate			
1,000	Series	8/19 at 100.00	A+	747,340
	2009A, 6.000%, 8/01/42			
	Puerto Rico Sales Tax Financing Corporation,			
	Sales Tax Revenue Bonds, Series 2007A:			
1,170	0.000%, 8/01/40 – NPFG Insured	No Opt. Call	AA–	183,105
12,000	0.000%, 8/01/41 – NPFG Insured	No Opt. Call	AA–	1,751,520
9,015	0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	AA–	535,401
24,130	Total Puerto Rico			3,925,615
	Rhode Island – 0.6%			
	Rhode Island Economic Development			
	Corporation, Airport Revenue Bonds,			
1,150	Refunding Series 2005A,	7/15 at 100.00	A	1,123,872
	4.625%, 7/01/26 – NPFG Insured (Alternative			
	Minimum Tax)			
	South Carolina – 2.6%			
	Dorchester County School District 2, South			
	Carolina, Installment Purchase Revenue	12/14 at		
3,000	Bonds,	100.00	AA– (4)	3,139,290
	GROWTH, Series 2004, 5.250%, 12/01/29			
	(Pre-refunded 12/01/14)			
	Medical University Hospital Authority, South			
	Carolina, FHA-Insured Mortgage Revenue			
1,500	Bonds,	8/14 at 100.00	A (4)	1,546,980
	Series 2004A, 5.250%, 8/15/20 (Pre-refunded			
	8/15/14) – NPFG Insured			
4,500	Total South Carolina			4,686,270
	South Dakota – 0.6%			
	South Dakota Health and Educational			
	Facilities Authority, Revenue Bonds, Sioux	11/14 at		
1,000	Valley	100.00	A+	1,001,900
	Hospitals, Series 2004A, 5.250%, 11/01/34			
	Tennessee – 0.4%			
	Chattanooga Health, Educational and Housing			
	Facility Board, Tennessee, Hospital Revenue			
795	Bonds,	1/23 at 100.00	A+	784,808
	Catholic Health Initiatives, Series 2013A,			
	5.250%, 1/01/45			
	Texas – 9.2%			
	Central Texas Regional Mobility Authority,			
	Revenue Bonds, Senior Lien Series 2005,			
1,500	5.000%,	1/15 at 100.00	A (4)	1,571,505

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	1/01/45 (Pre-refunded 1/01/15) – FGIC Insured			
250	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011, 6.000%, 1/01/41	1/21 at 100.00	Baa2	254,713
4,640	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53	10/23 at 100.00	BBB+	4,452,635
1,345	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series 2001H: 0.000%, 11/15/32 – NPFG Insured	11/31 at 94.05	A	382,505
2,510	0.000%, 11/15/36 – NPFG Insured	11/31 at 73.51	A	517,411
2,235	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3, 0.000%, 11/15/32 – NPFG Insured	11/24 at 62.70	A	635,612
2,695	Harris County-Houston Sports Authority, Texas, Senior Lien Revenue Refunding Bonds, Series 2001A: 0.000%, 11/15/34 – NPFG Insured	11/30 at 78.27	A	728,755
4,095	0.000%, 11/15/38 – NPFG Insured	11/30 at 61.17	A	821,293
1,275	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005, 5.375%, 8/15/35	2/16 at 100.00	BBB–	1,265,259
2,255	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	BBB–	2,254,820
290	North Texas Tollway Authority, First Tier System Revenue Refunding Bonds, Capital Appreciation Series 2008I, 0.000%, 1/01/42 – AGC Insured	1/25 at 100.00	AA–	307,731
2,000	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32	No Opt. Call	A3	1,896,620
2,410	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A–	1,397,607
27,500	Total Texas Utah – 0.8%			16,486,466
5,465	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 6/15/36	6/17 at 38.77	A1	1,523,533
3,500	Virginia – 3.4% Chesapeake, Virginia, Transportation System Senior Toll Road Revenue Bonds, Capital	7/28 at 100.00	BBB	1,822,800

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1,000	Appreciation Series 2012B, 0.000%, 7/15/32 Henrico County Economic Development Authority, Virginia, Residential Care Facility Revenue	3/14 at 100.00	BBB	975,960
1,500	Bonds, Westminster Canterbury of Richmond, Series 2006, 5.000%, 10/01/35 Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012A, 5.125%, 7/01/49	No Opt. Call	BBB–	1,362,945
500	Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing, Opco LLC Project, Series 2012: 6.000%, 1/01/37 (Alternative Minimum Tax)	7/22 at 100.00	BBB–	514,195
1,510	5.500%, 1/01/42 (Alternative Minimum Tax)	7/22 at 100.00	BBB–	1,461,846
8,010	Total Virginia Washington – 2.8%			6,137,746
990	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research	1/21 at 100.00	A	1,008,899
4,000	Center, Series 2011A, 5.625%, 1/01/35 Washington Health Care Facilities Authority, Revenue Bonds, Providence Health & Services,	10/22 at 100.00	AA	4,079,959
4,990	Series 2012A, 5.000%, 10/01/32 Total Washington Wisconsin – 1.4%			5,088,858
1,250	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/32	2/22 at 100.00	A–	1,234,525
1,325	Wisconsin, General Obligation Refunding Bonds, Series 2003-3, 5.000%, 11/01/26	3/14 at 100.00	AA	1,330,141
2,575	Total Wisconsin			2,564,666
\$ 271,475	Total Municipal Bonds (cost \$172,903,977)			174,607,991

Principal
Amount

(000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
	CORPORATE BONDS - 0.0%				
	Transportation - 0.0%				
\$ 86	Las Vegas Monorail Company, Senior Interest Bonds (5), (6)	5.500%	7/15/19	N/R	\$ 15,552
25	Las Vegas Monorail Company, Senior Interest Bonds (5), (6)	3.000%	7/15/55	N/R	3,291
\$ 111	Total Corporate Bonds (cost \$4,394)				18,843
	Total Long-Term Investments (cost \$172,908,371)				174,626,834
	Other Assets Less Liabilities – 3.0%				5,323,174
					\$
	Net Assets – 100%				179,950,008

Fair Value Measurements

Fair value is defined as the price that the Fund would receive 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).

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 the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$174,607,991	\$ —	\$174,607,991
Corporate Bonds	—	—	18,843	18,843
Total	\$ —	\$174,607,991	\$18,843	\$174,626,834

Income Tax Information

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 on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

As of December 31, 2013, the cost of investments was \$171,973,900.

Gross unrealized appreciation and gross unrealized depreciation of investments as of December 31, 2013, were as follows:

Gross unrealized:	
Appreciation	\$ 7,509,758

Depreciation	(4,856,824)
Net unrealized appreciation (depreciation) of investments	\$ 2,652,934

- (1) All percentages shown in the Portfolio of Investments are based on net assets.
- (2) 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.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. 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) 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. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board of Trustees. For fair value measurement disclosure purposes, investment classified as Level 3.
- (6) During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund's custodian is not accruing income on the Fund's records for either senior interest corporate bond.
- (ETM) Escrowed to maturity.
- (IF) Inverse floating rate investment.

Item 2. 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 Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (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 registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form 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)), exactly as set forth below: See EX-99 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 Select Tax-Free Income Portfolio 3

By (Signature and Title) /s/ Kevin J. McCarthy
Kevin J. McCarthy
Vice President and Secretary

Date: February 28, 2014

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/ Gifford R. Zimmerman
Gifford R. Zimmerman
Chief Administrative Officer (principal executive officer)

Date: February 28, 2014

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

Date: February 28, 2014