

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

NUVEEN SELECT MATURITIES MUNICIPAL FUND
Form N-CSR
June 06, 2008

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

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-7056

Nuveen Select Maturities Municipal Fund

(Exact name of registrant as specified in charter)

Nuveen Investments
333 West Wacker Drive
Chicago, IL 60606

(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Nuveen Investments
333 West Wacker Drive
Chicago, IL 60606

(Name and address of agent for service)

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

Date of fiscal year end: March 31

Date of reporting period: March 31, 2008

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR 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 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. ss. 3507.

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

ITEM 1. REPORTS TO STOCKHOLDERS.

ANNUAL REPORT
March 31, 2008

Nuveen Investments
MUNICIPAL CLOSED-END FUNDS

Photo of: Small child

NUVEEN SELECT
MATURITIES
MUNICIPAL FUND
NIM

IT'S NOT WHAT YOU EARN, IT'S WHAT YOU KEEP. (R)

Logo: NUVEEN Investments

Photo of: Man working on computer

LIFE IS COMPLEX.
NUVEEN
MAKES THINGS
E-simple.

It only takes a minute to sign up for e-Reports. Once enrolled, you'll receive an e-mail as soon as your Nuveen Investments Fund information is ready--no more waiting for delivery by regular mail. Just click on the link within the e-mail to see the report and save it on your computer if you wish.

FREE E-REPORTS RIGHT TO YOUR E-MAIL!

www.investordelivery.com
If you receive your Nuveen Fund dividends and statements from your financial advisor or brokerage account.

OR

www.nuveen.com/accountaccess
If you receive your Nuveen Fund dividends and statements directly from Nuveen.

Logo: NUVEEN Investments

Chairman's
LETTER TO SHAREHOLDERS

Photo of: Timothy R. Schwertfeger

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Timothy R. Schwertfeger

Chairman of the Board

Once again, I am pleased to report that over the twelve-month period covered by this report your Fund continued to provide you with attractive monthly tax-free income. For more details about the management strategy and performance of your Fund, please read the Portfolio Manager's Comments, the Dividend and Share Price Information, and the Performance Overview sections of this report.

With the recent volatility in the stock market, many have begun to wonder which way the market is headed, and whether they need to adjust their holdings of investments. No one knows what the future will bring, which is why we think a well-balanced portfolio that is structured and carefully monitored with the help of an investment professional is an important component in achieving your long-term financial goals. A well-diversified portfolio may actually help to reduce your overall investment risk, and we believe that investments like your Nuveen Investments Fund can be important building blocks in a portfolio crafted to perform well through a variety of market conditions.

We also are pleased to be able to offer you a choice concerning how you receive your shareholder reports and other Fund information. As an alternative to mailed copies, you can sign up to receive future Fund reports and other Fund information by e-mail and the internet. The inside front cover of this report contains information on how you can sign up.

We are grateful that you have chosen us as a partner as you pursue your financial goals and we look forward to continuing to earn your trust in the months and years ahead. At Nuveen Investments, our mission continues to be to assist you and your financial advisor by offering investment services and products that can help you to secure your financial objectives.

Sincerely,

/s/ Timothy R. Schwertfeger

Timothy R. Schwertfeger
Chairman of the Board
May 15, 2008

Portfolio Manager's COMMENTS

Nuveen Investments Municipal Closed-End Funds
NIM

Portfolio manager Paul Brennan examines U.S. economic and municipal market conditions, key investment strategies, and the annual performance of the Nuveen Select Maturities Municipal Fund (NIM). With 18 years of investment experience, including 16 years with Nuveen, Paul has managed NIM since 2006.

WHAT FACTORS AFFECTED THE U.S. ECONOMY AND MUNICIPAL MARKET DURING THE TWELVE MONTH REPORTING PERIOD ENDED MARCH 31, 2008?

During this reporting period, developments in the financial sector, especially in the credit markets, led to increased volatility, tightening liquidity and a flight to quality. These trends began to take shape during the summer of 2007. The changes became particularly evident in August 2007, when market concerns

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

about defaults on sub-prime mortgages resulted in a liquidity crisis across most fixed income asset classes. In September 2007, the Federal Reserve (Fed) responded to credit market volatility by launching a series of interest rate cuts that lowered the Fed Funds rate by 300 basis points--from 5.25% to 2.25%--in seven months, including reductions of 125 basis points in January 2008 alone. (On April 30, 2008, following the close of this reporting period, the Fed reduced this target rate by another 25 basis points, to 2.00%.)

The Fed's actions also were a response to increased signs of weakness in the U.S. economy, as evidenced by the slowing growth of in the U.S. gross domestic product (GDP), a closely watched measure of economic growth. While the GDP expanded at 3.8% in the second quarter and 4.9% in the third quarter of 2007, this measure dropped sharply to 0.6% in the fourth quarter (all GDP numbers annualized). In the first quarter of 2008, GDP growth remained at an annual rate of 0.6%, restrained by a 27% decline in residential investment and the weakest consumer spending since 2001. Driven largely by increased energy, agricultural, and commodities prices, the Consumer Price Index (CPI) registered a 4.0% year-over-year gain as of March 2008, while the increase in this inflation gauge for the first three months of 2008 was an annualized 3.1%. The core CPI rose 2.1% between April 2007 and March 2008, remaining above the Fed's unofficial target of 2.0% or lower. In the labor markets, January 2008 marked the first decline in new jobs created since 2003, breaking the longest string of employment growth (52 months) in U.S. history. The national unemployment rate for March 2008 was 5.1%, up from 4.4% in March 2007.

Discussions of specific investments are for illustrative purposes only and are not intended as recommendations of individual investments. The views expressed in this commentary represent those of the portfolio manager as of the date of this report and are subject to change at any time, based on market conditions and other factors. The Fund disclaims any obligation to advise shareholders of such changes.

4

In the municipal bond market, factors related to the sub-prime mortgage crisis had an indirect, but important, influence on performance. General concerns about the credit markets as well as more specific concerns about municipal bond insurers with exposure to sub-prime mortgages caused some investors to curtail purchases. In addition, many highly leveraged investors were forced to sell holdings of long-maturity bonds into a market already experiencing lack of liquidity. Combined with the Fed rate cuts, this selling produced a sharp steepening of the municipal yield curve, as longer-term interest rates rose and short-term interest rates declined. Between April 1, 2007, and March 31, 2008, the yield on the Bond Buyer 25 Revenue Bond Index, a widely followed measure of longer-term municipal market rates, rose 76 basis points to 5.24% at the end of March 2008, its highest level since July 2006. By comparison, the yield on the benchmark 10-year U.S. Treasury note dropped more than 120 basis points to end the reporting period at 3.43%. In this environment, bonds with shorter maturities generally outperformed longer maturity bonds and higher quality bonds tended to outperform lower quality credits.

Over the twelve months ended March 2008, municipal bond issuance nationwide totaled \$451.1 billion, an increase of 2% from the previous twelve months. During the first three months of 2008, municipal issuance was off sharply from the record pace seen in 2007, as \$80.3 billion in new securities came to market, down 25% from the same period in 2007. In the first quarter of 2008, insured bonds comprised 27% of new supply, compared with 51% during the first quarter of

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

2007. Despite disruptions in the markets, new municipal issuance continued to be met with good demand by institutional and retail buyers as well as non-traditional buyers returning to the market at the end of this period.

WHAT KEY STRATEGIES WERE USED TO MANAGE NIM DURING THIS REPORTING PERIOD?

During this twelve-month period, as the municipal market was characterized by volatility and a steepening yield curve, we sought to capitalize on this environment by concentrating on relative value, taking a bottom-up approach to finding undervalued sectors and individual credits with the potential to perform well over the long term.

Using this fundamental approach, we focused some of our efforts on finding bonds that met NIM's maturity needs, with the goal of keeping the Fund's maturity and duration(1) profiles relatively unchanged. Among the bonds we added to our portfolio were several health care credits. We also emphasized pre-refunded, (2) or escrowed, bonds, which we believed represented good value. These bonds often featured more unusual structural characteristics--such as different coupons, call structures or sinking fund provisions--that we thought could add value to the Fund. Because these structural characteristics are often overlooked, investors who make an effort to investigate them are often

- (1) Duration is a measure of a bond's price sensitivity as interest rates change, with longer duration bonds displaying more sensitivity to these changes than bonds with shorter durations.
- (2) Advance refundings, also known as pre-refundings or refinancings, occur when an issuer sells new bonds and uses the proceeds to fund principal and interest payments of older existing bonds. This process often results in lower borrowing costs for bond issuers.

5

rewarded with better return potential. The majority of cash for new purchases was generated by bond redemptions, which are normal occurrences in a fund with an intermediate maturity focus such as NIM.

HOW DID THE FUND PERFORM?

Results for NIM, as well as relevant index information, are presented in the accompanying table.

Total Returns on Common Share Net Asset Value*
For periods ended 3/31/08

	1-Year	5-Year	10-Year
NIM	3.18%	4.16%	3.48%
Lehman Brothers 7-Year Municipal Bond Index(3)	5.59%	3.92%	4.99%

For the twelve months ended March 31, 2008, the total return on net asset value (NAV) for NIM underperformed the return for the Lehman Brothers 7-Year Municipal Bond Index. Major factors that influenced NIM's performance included duration

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

and yield curve positioning, credit exposure and sector allocations, and holdings of bonds backed by certain municipal bond insurers.

During this twelve-month period, bonds in the Lehman Brothers Municipal Bond Index with maturities of eight years or less, especially those maturing in two to six years, benefited the most from changes in the interest rate environment. As a result, these shorter maturity bonds generally outperformed credits with longer maturities. Bonds having the longest maturities (22 years and longer) posted the worst returns. This market environment was beneficial to NIM, which continued to offer an intermediate-term orientation.(4)

*Annualized.

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.

For additional information, see the Performance Overview page for NIM in this report.

- (3) The Lehman Brothers 7-Year Municipal Bond Index is an unleveraged, unmanaged national index comprising a broad range of investment-grade municipal bonds with maturities ranging from six to eight years. Results for the Lehman index do not reflect any expenses.
- (4) In keeping with its investment parameters, NIM maintains an average effective maturity of 12 years or less for portfolio holdings.

6

However, the positive contribution made by duration positioning was offset to some degree by the performance of bonds rated BBB or lower and non-rated bonds, which generally underperformed higher quality issues. NIM's allocation of approximately 21% of its portfolio to lower-rated and non-rated bonds was higher than that of the Lehman Brothers 7-Year Municipal Bond Index, and the negative impact of this greater exposure to credit risk accounted for some of the performance differential between NIM and the index. In general, bonds that carried any credit risk, regardless of sector, tended to perform poorly. Revenue bonds as a whole, and especially the industrial development and health care sectors that had ranked among the top performers in the Lehman Brothers Municipal Bond Index over the past few years, underperformed the general municipal market. The housing sector also performed poorly.

Overall the Fund benefited from its holdings in water and sewer, special tax, resource recovery and electric utilities. Pre-refunded bonds also performed exceptionally well, due primarily to their shorter effective maturities and higher credit quality. As of March 31, 2008, NIM held 10% of its portfolio in escrowed bonds.

Another factor that had an impact on NIM's performance was the Fund's position in bonds backed by certain municipal insurers. This included bonds insured by XL Capital Assurance (XLCA), Financial Guaranty Insurance Company (FGIC), ACA Financial Guaranty Corporation (ACA) and Financial Security Assurance (FSA).

As concern increased about the balance sheets of municipal bond insurers, prices on bonds insured by these companies declined. On the whole, the holdings of NIM

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

continued to be well diversified not only between insured and uninsured bonds, but also within the insured bond category.

7

RECENT DEVELOPMENTS REGARDING BOND INSURANCE COMPANIES

The portfolio of investments reflects the ratings on certain bonds insured by AMBAC, FGIC, MBIA and XLCA as of March 31, 2008. During March 2008, at least one rating agency reduced the rating for AMBAC-insured bonds to AA and at least one rating agency further reduced the ratings for FGIC-insured and XLCA-insured bonds. Subsequent to March 31, 2008, at least one rating agency reduced the rating for MBIA-insured bonds to AA. As of March 31, 2008, one or more rating agencies have placed each of these insurers on "negative credit watch", which may presage one or more rating reductions for such insurer or insurers in the future. If one or more insurers' ratings are reduced by these rating agencies, it would likely reduce the effective rating of many of the bonds insured by that insurer or insurers. It is important to note that municipal bonds historically have had a very low rate of default.

8

Dividend and Share Price INFORMATION

The dividend of NIM remained stable throughout the twelve-month reporting period ended March 31, 2008.

NIM seeks to pay stable dividends at rates that reflect the Fund's past results and projected future performance. During certain periods, NIM may pay dividends at a rate that may be more or less than the amount of net investment income actually earned by the Fund during the period. If a Fund has cumulatively earned more than it has paid in dividends, it holds the excess in reserve as undistributed net investment income (UNII) as part of the Fund's NAV. Conversely, if a Fund has cumulatively paid dividends in excess of its earnings, the excess constitutes negative UNII that is likewise reflected in the Fund's NAV. NIM will, over time, pay all of its net investment income as dividends to shareholders. As of March 31, 2008, NIM had a positive UNII balance for tax purposes and a negative UNII balance for financial statement purposes.

As of March 31, 2008, NIM was trading at a discount of -2.68% to its NAV. The Fund's average discount over the entire twelve-month reporting period was -5.94%.

9

NIM
Performance
OVERVIEW

Nuveen Select
Maturities

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Municipal Fund

as of March 31, 2008

Credit Quality (as a % of total investments)(1)

Pie Chart:

AAA/U.S. Guaranteed	57%
AA	6%
A	16%
BBB	14%
BB or Lower	2%
N/R	5%

Line Chart:

Bar Chart:

2007-2008 Monthly Tax-Free Dividends Per Share

Apr	0.0365
May	0.0365
Jun	0.0365
Jul	0.0365
Aug	0.0365
Sep	0.0365
Oct	0.0365
Nov	0.0365
Dec	0.0365
Jan	0.0365
Feb	0.0365
Mar	0.0365

Line Chart:

Share Price Performance -- Weekly Closing Price

4/01/07	9.9
	9.93
	9.85
	9.78
	9.81
	9.9
	9.93
	9.88
	9.83
	9.81
	9.78
	9.58
	9.42
	9.5
	9.52
	9.43
	9.34
	9.41
	9.43
	9.334
	9.23
	9.55
	9.54
	9.6201
	9.58
	9.5101
	9.44
	9.49
	9.48
	9.73

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

	9.33
	9.31
	9.27
	9.09
	9.15
	9.16
	9.22
	9.06
	9.25
	9.25
	9.53
	9.58
	9.41
	9.46
	9.69
	9.54
	9.2501
	9.6
	9.68
	9.62
	9.71
	9.69
	9.75
3/31/08	9.8

FUND SNAPSHOT

Share Price	\$9.80
Net Asset Value	\$10.07
Premium/(Discount) to NAV	-2.68%
Market Yield	4.47%
Taxable-Equivalent Yield(2)	6.21%
Net Assets (\$000)	\$124,831
Average Effective Maturity on Securities (Years)	10.69
Modified Duration	4.36

AVERAGE ANNUAL TOTAL RETURN
(Inception 9/18/92)

	ON SHARE PRICE	ON NAV
1-Year	3.18%	3.18%
5-Year	4.83%	4.16%
10-Year	3.71%	3.48%

STATES

(as a % of total investments)

Illinois	14.5%
Colorado	13.7%

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Pennsylvania	7.4%
Texas	6.7%
New York	6.6%
South Carolina	6.6%
Florida	5.1%
Arkansas	4.3%
Wisconsin	3.7%
Kansas	3.0%
Washington	2.8%
Iowa	2.4%
Alabama	2.1%
Massachusetts	2.0%
Tennessee	1.9%
Michigan	1.8%
Connecticut	1.7%
Other	13.7%
INDUSTRIES (as a % of total investments)	
U.S. Guaranteed	18.8%
Utilities	17.9%
Health Care	12.2%
Tax Obligation/Limited	11.9%
Tax Obligation/General	6.4%
Long-Term Care	5.7%
Education and Civic Organizations	5.0%
Transportation	4.9%
Consumer Staples	4.7%
Other	12.5%

(1) The percentages shown in the foregoing chart reflect the ratings on certain bonds insured by AMBAC, FGIC, MBIA and XLCA as of March 31, 2008. As explained earlier in the Portfolio Manager's Comments section of this report, at least one rating agency reduced the rating for AMBAC-insured

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

bonds to AA and at least one rating agency further reduced the ratings for FGIC-insured and XLCA-insured bonds. Subsequent to March 31, 2008, at least one rating agency reduced the rating for MBIA-insured bonds to AA. As of March 31, 2008, one or more rating agencies have placed each of these insurers on "negative credit watch", which may presage one or more rating reductions for such insurer or insurers in the future. If one or more insurers' ratings are reduced by these rating agencies, it would likely reduce the effective rating of many of the bonds insured by that insurer or insurers, and thereby reduce the percentage of the ratings shown in the foregoing chart.

- (2) Taxable-Equivalent Yield represents the yield that must be earned on a fully taxable investment in order to equal the yield of the Fund on an after-tax basis. It is based on a income tax rate of 28%. When comparing this Fund to investments that generate qualified dividend income, the Taxable-Equivalent Yield is lower.

10

NIM

Shareholder MEETING REPORT

The special meeting of shareholders was held in the offices of Nuveen Investments on October 12, 2007.

TO APPROVE A NEW INVESTMENT MANAGEMENT AGREEMENT:

For	6,262,498
Against	225,054
Abstain	166,400
Broker Non-Votes	2,434,983

Total 9,088,935
=====

TO RATIFY THE SELECTION OF ERNST & YOUNG LLP AS THE INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE CURRENT FISCAL YEAR:

For	8,891,810
Against	102,203
Abstain	94,922

Total 9,088,935
=====

11

Report of
INDEPENDENT REGISTERED
PUBLIC ACCOUNTING FIRM

TO THE BOARD OF TRUSTEES AND SHAREHOLDERS
NUVEEN SELECT MATURITIES MUNICIPAL FUND

We have audited the accompanying statement of assets and liabilities, including the portfolio of investments, of Nuveen Select Maturities Municipal Fund as of

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

March 31, 2008, and the related statement of operations for the year then ended, the statement of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Fund's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of March 31, 2008, by correspondence with the custodian and brokers, or by other appropriate auditing procedures where replies from brokers were not received. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Nuveen Select Maturities Municipal Fund at March 31, 2008, the results of its operations for the year then ended, changes in its net assets for each of the two years in the period then ended, and its financial highlights for each of the five years in the period then ended in conformity with U.S. generally accepted accounting principles.

/s/ Ernst & Young LLP

Chicago, Illinois
May 20, 2008

12

NIM

Nuveen Select Maturities Municipal Fund
Portfolio of INVESTMENTS

March 31, 2008

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
<hr style="border-top: 1px dashed black;"/>		
	ALABAMA - 2.1%	
\$ 2,000	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/17	12/11 at 101
500	Marshall County Healthcare Authority, Alabama, Revenue Bonds,	1/12 at 101

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Series 2002A, 6.250%, 1/01/22

2,500	Total Alabama	
ARIZONA - 1.1%		
165	Phoenix Industrial Development Authority, Arizona, Statewide Single Family Mortgage Revenue Bonds, Series 1998C, 6.650%, 10/01/29 (Alternative Minimum Tax)	4/08 at 101
300	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Series 2007, 5.000%, 12/01/37	No Opt. C
750	Surprise Municipal Property Corporation, Arizona, Wastewater System Revenue Bonds, Series 2007, 4.500%, 4/01/17	4/11 at 100
265	Winslow Industrial Development Authority, Arizona, Hospital Revenue Bonds, Winslow Memorial Hospital, Series 1998, 5.750%, 6/01/08	No Opt. C
1,480	Total Arizona	
ARKANSAS - 4.1%		
1,000	Fort Smith, Arkansas, Water and Sewer Revenue Refunding and Construction Bonds, Series 2002A, 5.250%, 10/01/17 - FSA Insured	10/11 at 100
1,500	Jefferson County, Arkansas, Pollution Control Revenue Bonds, Entergy Arkansas Inc. Project, Series 2006, 4.600%, 10/01/17	6/11 at 100
1,000	Jonesboro, Arkansas, Industrial Development Revenue Bonds, Anheuser Busch Inc. Project, Series 2002, 4.600%, 11/15/12	No Opt. C
1,380	North Little Rock, Arkansas, Electric Revenue Refunding Bonds, Series 1992A, 6.500%, 7/01/15 - MBIA Insured	No Opt. C
4,880	Total Arkansas	
COLORADO - 13.3%		
2,895	Centennial Downs Metropolitan District, Colorado, General Obligation Bonds, Series 1999, 5.000%, 12/01/20 - AMBAC Insured	12/14 at 100
1,290	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Douglas County School District RE-1 - DCS Montessori School, Series 2002A, 6.000%, 7/15/22	7/12 at 100
1,175	Colorado Educational and Cultural Facilities Authority, Revenue Bonds, Classical Academy Charter School, Series 2003, 4.500%, 12/01/18 - XLCA Insured	12/13 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

290	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 2000D-2, 6.900%, 4/01/29 (Alternative Minimum Tax)	4/10 at 105
1,025	Denver Health and Hospitals Authority, Colorado, Healthcare Revenue Bonds, Series 2001A, 6.000%, 12/01/23 (Pre-refunded 12/01/11)	12/11 at 100
1,465	Denver West Metropolitan District, Colorado, General Obligation Refunding and Improvement Bonds, Series 2003, 4.500%, 12/01/18 - RAAI Insured	12/13 at 100
1,340	Eagle Bend Metropolitan District 2, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/01/20 - RAAI Insured	12/14 at 101

13

NIM

Nuveen Select Maturities Municipal Fund (continued)
Portfolio of INVESTMENTS March 31, (2008)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

	COLORADO (continued)	
\$ 44	El Paso County, Colorado, FNMA Mortgage-Backed Single Family Revenue Refunding Bonds, Series 1992A-2, 8.750%, 6/01/11	No Opt. C
700	Erie, Boulder and Weld Counties, Colorado, Water Enterprise Revenue Bonds, Series 1998, 5.000%, 12/01/23 (Pre-refunded 12/01/08) - ACA Insured	12/08 at 100
1,050	Erie, Boulder and Weld Counties, Colorado, Water Enterprise Revenue Bonds, Series 1998, 5.000%, 12/01/23 - ACA Insured	12/08 at 100
70	Northwest Parkway Public Highway Authority, Colorado, Revenue Bonds, Senior Series 2001A, 5.250%, 6/15/41 (Pre-refunded 6/15/11) - FSA Insured	6/11 at 102
5,875	Northwest Parkway Public Highway Authority, Colorado, Senior Lien Revenue Bonds, Series 2001B, 0.000%, 6/15/27 (Pre-refunded 6/15/11) - AMBAC Insured	6/11 at 38
2,845	University of Colorado Hospital Authority, Revenue Bonds, Series 2001A, 5.600%, 11/15/21 (Pre-refunded 11/15/11)	11/11 at 100

20,064	Total Colorado	

CONNECTICUT - 1.6%

450	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator Lisbon Project, Series 1993A: 5.500%, 1/01/14 (Alternative Minimum Tax)	7/08 at 100
1,570	5.500%, 1/01/15 (Alternative Minimum Tax)	5/08 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

2,020	Total Connecticut	
-------	-------------------	--

	FLORIDA - 4.9%	
2,400	Deltona, Florida, Utility Systems Water and Sewer Revenue Bonds, Series 2003, 5.250%, 10/01/17 - MBIA Insured	10/13 at 100
1,000	Florida Citizens Property Insurance Corporation, High Risk Account Revenue Bonds, Series 2007A, 5.000%, 3/01/15 - MBIA Insured	No Opt. C
70	JEA, Florida, Electric Revenue Certificates, Series 1973-2, 6.800%, 7/01/12 (ETM)	No Opt. C
2,000	Orange County, Florida, Tourist Development Tax Revenue Bonds, Series 2005, 5.000%, 10/01/22 - AMBAC Insured	10/15 at 100
320	Port Everglades Authority, Florida, Port Facilities Revenue Bonds, Series 1986, 7.125%, 11/01/16 (ETM)	No Opt. C

5,790	Total Florida	
-------	---------------	--

	GEORGIA - 0.4%	
445	Cherokee County Water and Sewerage Authority, Georgia, Revenue Bonds, Series 1995, 5.200%, 8/01/25 (Pre-refunded 8/01/22) - MBIA Insured	8/22 at 100

	ILLINOIS - 14.1%	
715	Chicago, Illinois, Tax Increment Allocation Bonds, Irving/Cicero Redevelopment Project, Series 1998, 7.000%, 1/01/14	1/09 at 100
1,500	Cook County Township High School District 208, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/21 - MBIA Insured	12/15 at 100
2,000	Huntley, Illinois, Special Service Area 9, Special Tax Bonds, Series 2007, 5.100%, 3/01/28 - AGC Insured	3/17 at 100
4,860	Illinois Development Finance Authority, GNMA Collateralized Mortgage Revenue Bonds, Greek American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40	4/11 at 105
2,000	Illinois Development Finance Authority, Revenue Refunding Bonds, Olin Corporation, Series 1993D, 6.750%, 3/01/16	4/10 at 102
2,000	Illinois Educational Facilities Authority, Revenue Bonds, Art Institute of Chicago, Series 2000, 4.450%, 3/01/34 (Mandatory put 3/01/15)	3/14 at 102

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
ILLINOIS (continued)		
\$ 1,000	Illinois Educational Facilities Authority, Student Housing Revenue Bonds, Educational Advancement Foundation Fund, University Center Project, Series 2002, 6.625%, 5/01/17 (Pre-refunded 5/01/12)	5/12 at 101
250	Illinois Finance Authority, Revenue Bonds, Roosevelt University, Series 2007, 5.250%, 4/01/22	4/17 at 100
25	Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2000, 6.350%, 5/15/15	5/10 at 101
Illinois Health Facilities Authority, Revenue Bonds, Condell Medical Center, Series 2002:		
100	5.250%, 5/15/11	No Opt. C
20	5.250%, 5/15/12	No Opt. C
85	Illinois Health Facilities Authority, Revenue Bonds, Lutheran General Health System, Series 1993A, 6.125%, 4/01/12 - FSA Insured (ETM)	No Opt. C
695	Illinois Health Facilities Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 1999, 5.500%, 8/15/19	8/09 at 101
515	Illinois Health Facilities Authority, Revenue Bonds, Silver Cross Hospital and Medical Centers, Series 1999, 5.500%, 8/15/19 (Pre-refunded 8/15/09)	8/09 at 101
1,355	Kane & DeKalb Counties, Illinois, Community United School District 301, General Obligation Bonds, Series 2006, 0.000%, 12/01/18 - MBIA Insured	No Opt. C
17,120	Total Illinois	
IOWA - 2.4%		
1,000	Iowa Finance Authority, Healthcare Revenue Bonds, Genesis Medical Center, Series 2000, 6.250%, 7/01/25	7/10 at 100
1,800	Iowa Tobacco Settlement Authority, Tobacco Settlement Asset-Backed Revenue Bonds, Series 2001B, 5.300%, 6/01/25 (Pre-refunded 6/01/11)	6/11 at 101
2,800	Total Iowa	
KANSAS - 2.9%		
3,500	Wichita, Kansas, Hospital Facilities Revenue Refunding and Improvement Bonds, Via Christi Health System Inc.,	11/11 at 101

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Series 2001-III, 5.500%, 11/15/21

KENTUCKY - 1.3%		
1,565	Kentucky Housing Corporation, Housing Revenue Bonds, Series 2005G, 5.000%, 7/01/30 (Alternative Minimum Tax)	1/15 at 100
LOUISIANA - 0.4%		
500	Louisiana Public Facilities Authority, Revenue Bonds, Baton Rouge General Hospital, Series 2004, 5.250%, 7/01/24 - MBIA Insured	7/14 at 100
MARYLAND - 0.8%		
1,100	Maryland Energy Financing Administration, Revenue Bonds, AES Warrior Run Project, Series 1995, 7.400%, 9/01/19 (Alternative Minimum Tax)	5/08 at 100
MASSACHUSETTS - 2.0%		
500	Massachusetts Development Finance Agency, Revenue Bonds, Orchard Cove, Series 2007, 5.000%, 10/01/19	10/17 at 100
1,460	Massachusetts Housing Finance Agency, Rental Housing Mortgage Revenue Bonds, Series 2000H, 6.650%, 7/01/41 - MBIA Insured (Alternative Minimum Tax)	7/10 at 100
	Massachusetts Port Authority, Special Facilities Revenue Bonds, Delta Air Lines Inc., Series 2001A:	
100	5.200%, 1/01/20 - AMBAC Insured (Alternative Minimum Tax)	1/11 at 101
435	5.000%, 1/01/27 - AMBAC Insured (Alternative Minimum Tax)	1/11 at 101
2,495	Total Massachusetts	

15

NIM
Nuveen Select Maturities Municipal Fund (continued)
Portfolio of INVESTMENTS March 31, (2008)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
MICHIGAN - 1.7%		
\$ 1,000	Cornell Township Economic Development Corporation, Michigan, Environmental Improvement Revenue Refunding Bonds, MeadWestvaco Corporation-Escanaba Project, Series 2002,	5/12 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

5.875%, 5/01/18 (Pre-refunded 5/01/12)

600	Michigan State Hospital Finance Authority, Hospital Revenue Refunding Bonds, Sinai Hospital, Series 1995, 6.625%, 1/01/16	7/08 at 100
470	Michigan State Hospital Finance Authority, Revenue Refunding Bonds, Detroit Medical Center, Series 1988A, 8.125%, 8/15/12	5/08 at 100

 2,070 Total Michigan

MINNESOTA - 0.7%

825	White Earth Band of Chippewa Indians, Minnesota, Revenue Bonds, Series 2000A, 7.000%, 12/01/11 - ACA Insured	No Opt. C
-----	--	-----------

MISSISSIPPI - 0.8%

Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1:		
700	5.000%, 9/01/16	No Opt. C
300	5.000%, 9/01/24	9/14 at 100

 1,000 Total Mississippi

MONTANA - 0.0%

50	University of Montana, Revenue Bonds, Series 1996D, 5.375%, 5/15/19 - MBIA Insured (ETM)	5/08 at 101
----	--	-------------

NEBRASKA - 0.9%

1,000	Dodge County School District 1, Nebraska, Fremont Public Schools, General Obligation Bonds, Series 2004, 5.000%, 12/15/19 - FSA Insured	12/14 at 100
30	NebHelp Inc., Nebraska, Senior Subordinate Bonds, Student Loan Program, Series 1993A-5B, 6.250%, 6/01/18 - MBIA Insured (Alternative Minimum Tax)	No Opt. C

 1,030 Total Nebraska

NEVADA - 0.4%

Director of Nevada State Department of Business and Industry, Revenue Bonds, Las Vegas Monorail Project, First Tier, Series 2000:		
800	0.000%, 1/01/15 - AMBAC Insured	No Opt. C
25	0.000%, 1/01/20 - AMBAC Insured	No Opt. C

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

825	Total Nevada	
NEW JERSEY - 0.4%		
500	Bayonne Redevelopment Agency, New Jersey, Revenue Bonds, Royal Caribbean Cruises Project, Series 2006A, 4.750%, 11/01/16 (Alternative Minimum Tax)	No Opt. C
NEW YORK - 6.4%		
1,000	Dormitory Authority of the State of New York, Revenue Bonds, Brooklyn Law School, Series 2003A, 5.500%, 7/01/15 - RAAI Insured	7/13 at 100
300	New York City Industrial Development Agency, New York, Civic Facility Revenue Bonds, Special Needs Facilities Pooled Program, Series 2008A-1, 5.700%, 7/01/13	No Opt. C
1,500	New York State Energy Research and Development Authority, Facilities Revenue Bonds, Consolidated Edison Company Inc., Series 2001A, 4.700%, 6/01/36 (Mandatory put 10/01/12) (Alternative Minimum Tax)	5/08 at 100
315	New York State Medical Care Facilities Finance Agency, FHA-Insured Mortgage Hospital and Nursing Home Revenue Bonds, Series 1995C, 6.100%, 8/15/15	8/08 at 100
4,300	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 7.000%, 12/01/12 - MBIA Insured (Alternative Minimum Tax)	No Opt. C
7,415	Total New York	

16

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
NORTH CAROLINA - 1.6%		
\$ 1,880	Union County, North Carolina, Certificates of Participation, Series 2003, 5.000%, 6/01/18 - AMBAC Insured	6/13 at 101
OHIO - 1.5%		
870	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2, 5.125%, 6/01/24	6/17 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

1,000	Toledo-Lucas County Port Authority, Ohio, Port Revenue Bonds, Cargill Inc., Series 2004B, 4.500%, 12/01/15	No Opt. C
<hr/>		
1,870	Total Ohio	
<hr/>		
	OKLAHOMA - 0.9%	
1,150	Oklahoma State Industries Authority, Health System Revenue Refunding Bonds, Baptist Medical Center, Series 1995D, 5.000%, 8/15/14 - AMBAC Insured	8/08 at 100
<hr/>		
	PENNSYLVANIA - 7.2%	
1,120	Pennsylvania Higher Educational Facilities Authority, College Revenue Bonds, Ninth Series 1976, 7.625%, 7/01/15 (ETM)	No Opt. C
225	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University of the Arts, Series 1999, 5.150%, 3/15/20 - RAAI Insured (ETM)	3/09 at 100
4,120	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Eighteenth Series 2004, 5.000%, 8/01/15 - AMBAC Insured	8/14 at 100
1,605	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Twelfth Series 1990B, 7.000%, 5/15/20 - MBIA Insured (ETM)	No Opt. C
1,085	Pittsburgh School District, Allegheny County, Pennsylvania, General Obligation Bonds, Series 2006B, 5.000%, 9/01/12 - AMBAC Insured	No Opt. C
<hr/>		
8,155	Total Pennsylvania	
<hr/>		
	SOUTH CAROLINA - 6.4%	
750	Berkeley County School District, South Carolina, Installment Purchase Revenue Bonds, Securing Assets for Education, Series 2003, 5.250%, 12/01/19	12/13 at 100
1,540	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.750%, 1/01/19 - FGIC Insured (ETM)	No Opt. C
2,835	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.750%, 1/01/19 - FGIC Insured	No Opt. C
5	South Carolina JOBS Economic Development Authority, Economic Development Revenue Bonds, Bon Secours Health System Inc., Series 2002A, 5.625%, 11/15/30 (Pre-refunded 11/15/12)	11/12 at 100
20	South Carolina JOBS Economic Development Authority, Economic Development Revenue Bonds, Bon Secours Health System Inc., Series 2002B, 5.625%, 11/15/30	11/12 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

1,260	South Carolina JOBS Economic Development Authority, Hospital Revenue Bonds, Palmetto Health Alliance, Series 2000A, 7.000%, 12/15/10 (ETM)	No Opt. C
500	Tobacco Settlement Revenue Management Authority, South Carolina, Tobacco Settlement Asset-Backed Bonds, Series 2001B, 6.000%, 5/15/22	5/11 at 101

 6,910 Total South Carolina

SOUTH DAKOTA - 0.8%

1,000	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sanford Health, Series 2007, 5.000%, 11/01/27	5/17 at 100
-------	--	-------------

17

NIM

Nuveen Select Maturities Municipal Fund (continued)
 Portfolio of INVESTMENTS March 31, (2008)

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS

TENNESSEE - 1.8%		
	Shelby County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue Bonds, Methodist Healthcare, Series 2002:	
\$ 750	6.000%, 9/01/17 (Pre-refunded 9/01/12)	9/12 at 100
1,250	6.000%, 9/01/17 (Pre-refunded 9/01/12)	9/12 at 100

2,000	Total Tennessee	

TEXAS - 6.5%

1,055	Austin, Texas, General Obligation Bonds, Series 2004, 5.000%, 9/01/20 - MBIA Insured	9/14 at 100
565	Bexar County Housing Finance Corporation, Texas, FNMA Guaranteed Multifamily Housing Revenue Bonds, Villas Sonterra Apartments Project, Series 2007A, 4.700%, 10/01/15 (Alternative Minimum Tax)	No Opt. C
25	Brazos River Authority, Texas, Collateralized Pollution Control Revenue Bonds, Texas Utilities Electric Company, Series 2003D, 5.400%, 10/01/29 (Mandatory put 10/01/14)	No Opt. C
2,000	Brazos River Authority, Texas, Collateralized Revenue Refunding Bonds, CenterPoint Energy Inc., Series 2004B,	6/14 at 100

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

4.250%, 12/01/17 - FGIC Insured

500	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Electric Company, Series 2001C, 5.750%, 5/01/36 (Mandatory put 11/01/11) (Alternative Minimum Tax)	No Opt. C
15	Brazos River Authority, Texas, Pollution Control Revenue Refunding Bonds, TXU Energy Company LLC, Series 2003A, 6.750%, 4/01/38 (Mandatory put 4/01/13) (Alternative Minimum Tax)	No Opt. C
1,875	Denton Independent School District, Denton County, Texas, General Obligation Bonds, Series 2006, 5.000%, 8/15/20	8/16 at 100
55	Galveston Property Finance Authority Inc., Texas, Single Family Mortgage Revenue Bonds, Series 1991A, 8.500%, 9/01/11	9/08 at 100
300	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2005, 5.125%, 8/15/26	No Opt. C
25	Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Energy Company LLC Project, Series 2001B, 5.750%, 5/01/30 (Mandatory put 11/01/11) (Alternative Minimum Tax)	No Opt. C
1,500	Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Series 2006B, 3.894%, 12/15/17	5/08 at 100
320	Tri-County Mental Health and Retardation Center, Texas, Revenue Bonds, Facilities Acquisition Program, Series 1995E, 6.500%, 3/01/15 - FSA Insured	9/08 at 100

8,235 Total Texas

UTAH - 1.0%

1,305	Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community Hospital Project, Series 1998, 6.000%, 12/15/10	No Opt. C
-------	--	-----------

VIRGINIA - 0.2%

250	Virginia College Building Authority, Educational Facilities Revenue Refunding Bonds, Marymount University, Series 1998, 5.100%, 7/01/18 - RAAI Insured	7/08 at 101
-----	--	-------------

WASHINGTON - 2.8%

1,130	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 1, Series 1993A, 7.000%, 7/01/08 (ETM)	No Opt. C
1,870	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 1, Series 1993A, 7.000%, 7/01/08	No Opt. C

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

295	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3, Series 1989B, 7.125%, 7/01/16 - MBIA Insured	No Opt. C
3,295	Total Washington	

18

PRINCIPAL AMOUNT (000)	DESCRIPTION (1)	OPTIONAL C PROVISIONS
	WISCONSIN - 3.6%	
	Badger Tobacco Asset Securitization Corporation, Wisconsin, Tobacco Settlement Asset-Backed Bonds, Series 2002:	
\$ 785	6.125%, 6/01/27	6/12 at 100
1,480	6.375%, 6/01/32	6/12 at 100
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Agnesian Healthcare Inc., Series 2001, 6.000%, 7/01/21	7/11 at 100
1,150	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care Inc., Series 1999A, 5.500%, 2/15/20 - ACA Insured	2/09 at 101
4,415	Total Wisconsin	
\$ 120,439	Total Investments (cost \$119,214,940) - 97.0%	
	Other Assets Less Liabilities - 3.0%	
	Net Assets - 100%	

- (1) All percentages shown in the Portfolio of Investments are based on net assets.
- (2) Optional Call Provisions (not covered by the report of independent registered public accounting firm): 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 (not covered by the report of independent registered public accounting firm): Using the higher of Standard & Poor's Group ("Standard & Poor's") or Moody's Investor Service, Inc. ("Moody's") rating. Ratings below BBB by Standard & Poor's or Baa by Moody's are considered to be below investment grade.

The Portfolio of Investments reflects the ratings on

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

certain bonds insured by AMBAC, FGIC, MBIA and XLCA as of March 31, 2008. During March 2008, at least one rating agency reduced the rating for AMBAC-insured bonds to AA and at least one rating agency further reduced the ratings for FGIC-insured and XLCA-insured bonds. Subsequent to March 31, 2008, at least one rating agency reduced the rating for MBIA-insured bonds to AA. As of March 31, 2008, one or more rating agencies have placed each of these insurers on "negative credit watch", which may presage one or more rating reductions for such insurer or insurers in the future. If one or more insurers' ratings are reduced by these rating agencies, it would likely reduce the effective rating of many of the bonds insured by that insurer or insurers.

- (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. Such investments are normally considered to be equivalent to AAA rated securities.

N/R Not rated.

(ETM) Escrowed to maturity.

See accompanying notes to financial statements.

19

Statement of
ASSETS & LIABILITIES

March 31, 2008

ASSETS

Investments, at value (cost \$119,214,940)	\$121,058,962
Cash	146,942
Receivables:	
Interest	1,987,905
Investments sold	2,401,625
Other assets	7,329

Total assets	125,602,763

LIABILITIES

Payable for investments purchased	246,726
Accrued expenses:	
Management fees	51,418
Other	44,295
Dividends payable	428,994

Total liabilities	771,433

Net assets	\$124,831,330
------------	---------------

Shares outstanding	12,396,406
--------------------	------------

Net asset value per share outstanding	\$ 10.07
---------------------------------------	----------

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

NET ASSETS CONSIST OF:

Shares, \$.01 par value per share	\$ 123,964
Paid-in surplus	138,330,053
Undistributed (Over-distribution of) net investment income	(97,871)
Accumulated net realized gain (loss) from investments	(15,368,838)
Net unrealized appreciation (depreciation) of investments	1,844,022
<hr/>	
Net assets	\$124,831,330
<hr/>	
Authorized shares	Unlimited
<hr/>	

See accompanying notes to financial statements.

20

Statement of
OPERATIONS

Year Ended March 31, 2008

INVESTMENT INCOME	\$ 6,232,023
<hr/>	
EXPENSES	
Management fees	608,467
Shareholders' servicing agent fees and expenses	9,867
Custodian's fees and expenses	35,050
Trustees' fees and expenses	2,921
Professional fees	14,377
Shareholders' reports - printing and mailing expenses	39,829
Stock exchange listing fees	9,551
Investor relations expense	15,972
Other expenses	4,968
<hr/>	
Total expenses before custodian fee credit	741,002
Custodian fee credit	(18,540)
<hr/>	
Net expenses	722,462
<hr/>	
Net investment income	5,509,561
<hr/>	
REALIZED AND UNREALIZED GAIN (LOSS)	
Net realized gain (loss) from investments	(49,131)
Change in net unrealized appreciation (depreciation) of investments	(1,515,776)
<hr/>	
Net realized and unrealized gain (loss)	(1,564,907)
<hr/>	
Net increase (decrease) in net assets from operations	\$ 3,944,654
<hr/>	

See accompanying notes to financial statements.

21

Statement of

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

CHANGES in NET ASSETS

OPERATIONS

Net investment income

Net realized gain (loss) from investments

Change in net unrealized appreciation (depreciation) of investments

Net increase (decrease) in net assets from operations

DISTRIBUTIONS TO SHAREHOLDERS

From net investment income

Decrease in net assets from distributions to shareholders

Net increase (decrease) in net assets

Net assets at the beginning of year

Net assets at the end of year

Undistributed (Over-distribution of) net investment income at the end of year

See accompanying notes to financial statements.

22

Notes to FINANCIAL STATEMENTS

1. GENERAL INFORMATION AND SIGNIFICANT ACCOUNTING POLICIES

The fund covered in this report and its corresponding New York Stock Exchange symbol is Nuveen Select Maturities Municipal Fund (NIM) (the "Fund"). The Fund is registered under the Investment Company Act of 1940, as amended, as a closed-end, diversified management investment company.

The Fund seeks to provide current income exempt from regular federal income tax, consistent with the preservation of capital by investing in a diversified, investment-grade quality portfolio of municipal obligations with intermediate characteristics. In managing its portfolio, the Fund has purchased municipal obligations having remaining effective maturities of no more than fifteen years with respect to 80% of its total assets that, in the opinion of Nuveen Asset Management (the "Adviser"), a wholly owned subsidiary of Nuveen Investments, Inc. ("Nuveen"), represent the best value in terms of the balance between yield and capital preservation currently available from the intermediate sector of the municipal market. The Adviser will actively monitor the effective maturities of the Fund's investments in response to prevailing market conditions, and will adjust its portfolio consistent with its investment policy of maintaining an average effective remaining maturity of twelve years or less.

The following is a summary of significant accounting policies followed by the Fund in the preparation of its financial statements in accordance with U.S. generally accepted accounting principles.

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Investment Valuation

The prices of municipal bonds in the Fund's investment portfolio are provided by a pricing service approved by the Fund's Board of Trustees. When market price quotes are not readily available (which is usually the case for municipal securities), the pricing service may establish fair value based on yields or prices of municipal bonds of comparable quality, type of issue, coupon, maturity and rating, indications of value from securities dealers, evaluations of anticipated cash flows or collateral and general market conditions. If the pricing service is unable to supply a price for a municipal bond, the Fund may use market quotes provided by major broker/dealers in such investments. If it is determined that the market price for an investment is unavailable or inappropriate, the Board of Trustees of the Fund, or its designee, may establish a fair value in accordance with procedures established in good faith by the Board of Trustees. Temporary investments in securities that have variable rate and demand features qualifying them as short-term investments are valued at amortized cost, which approximates market value.

Investment Transactions

Investment transactions are recorded on a trade date basis. Realized gains and losses from transactions are determined on the specific identification method. 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 Fund has instructed the custodian to segregate assets with a current value at least equal to the amount of the when-issued/delayed delivery purchase commitments. At March 31, 2008, the Fund had no such outstanding purchase commitments.

Investment Income

Interest income, which includes the amortization of premiums and accretion of discounts for financial reporting purposes, is recorded on an accrual basis. Investment income also includes paydown gains and losses, if any.

Income Taxes

The 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, the Fund intends to satisfy conditions which 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 Fund. Net realized capital gains and ordinary income distributions paid by the Fund are subject to federal taxation.

Notes to FINANCIAL STATEMENTS (continued)

Effective September 30, 2007, the Fund adopted Financial Accounting Standards Board (FASB) Interpretation No. 48 "Accounting for Uncertainty in Income Taxes" (FIN 48). FIN 48 provides guidance for how uncertain tax positions should be recognized, measured, presented and disclosed in the financial statements. FIN 48 requires the affirmative evaluation of tax positions taken or expected to be taken in the course of preparing the Fund's tax returns to determine whether it

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

is "more-likely-than-not" (i.e., a greater than 50-percent likelihood) of being sustained by the applicable tax authority. Tax positions not deemed to meet the more-likely-than-not threshold may result in a tax benefit or expense in the current year.

Implementation of FIN 48 required management of the Fund to analyze all open tax years, as defined by the statute of limitations, for all major jurisdictions, which includes federal and certain states. 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). The Fund has no examinations in progress.

For all open tax years and all major taxing jurisdictions through the end of the reporting period, management of the Fund has reviewed all tax positions taken or expected to be taken in the preparation of the Fund's tax returns and concluded the adoption of FIN 48 resulted in no impact to the Fund's net assets or results of operations as of and during the fiscal year ended March 31, 2008.

The Fund 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.

Dividends and Distributions to Shareholders

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

Distributions to shareholders of tax-exempt 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. generally accepted accounting principles.

Derivative Financial Instruments

The Fund is authorized to invest in certain derivative financial instruments including futures, forward, swap and option contracts, and other financial instruments with similar characteristics. Although the Fund is authorized to invest in such financial instruments, and may do so in the future, it did not invest in any such instruments during the fiscal year ended March 31, 2008.

Zero Coupon Securities

The Fund is authorized to invest in zero coupon securities. A zero coupon security does not pay a regular interest coupon to its holders during the life of the security. Tax-exempt 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. Such securities are included in the Portfolios of Investments with a 0.000% coupon rate in their description. The market prices of zero coupon securities generally are more volatile than the market prices of securities that pay interest periodically.

Custodian Fee Credit

The Fund has an arrangement with the custodian bank whereby certain custodian fees and expenses are reduced by net credits earned on the Fund's cash on deposit with the bank. Such deposit arrangements are an alternative to overnight investments. Credits for cash balances may be offset by charges for any days on which the Fund overdraws its account at the custodian bank.

Indemnifications

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

Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles 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 from operations during the reporting period. Actual results may differ from those estimates.

2. FUND SHARES

The Fund did not engage in transactions of its own shares during the fiscal years ended March 31, 2008 and March 31, 2007.

3. INVESTMENT TRANSACTIONS

Purchases and sales (including maturities but excluding short-term investments) during the fiscal year ended March 31, 2008, aggregated \$14,293,118 and \$13,172,056, respectively.

4. 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 the timing differences in recognizing taxable market discount and timing differences in recognizing certain gains and losses on investment transactions. 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.

At March 31, 2008, the cost of investments was \$119,156,103.

Gross unrealized appreciation and gross unrealized depreciation of investments at March 31, 2008, were as follows:

Gross unrealized:	
Appreciation	\$ 3,142,861
Depreciation	(1,240,002)

Net unrealized appreciation (depreciation) of investments	\$ 1,902,859

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

=====
 The tax components of undistributed net tax-exempt income, net ordinary income and net long-term capital gains at March 31, 2008, the Fund's tax year end, were as follows:

Undistributed net tax-exempt income *	\$290,617
Undistributed net ordinary income **	10
Undistributed net long-term capital gains	--

=====
 * Undistributed net tax-exempt income (on a tax basis) has not been reduced for the dividend declared on March 3, 2008, paid on April 1, 2008.

** Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

25

Notes to
 FINANCIAL STATEMENTS (continued)

The tax character of distributions paid during the Fund's tax years ended March 31, 2008 and March 31, 2007, was designated for purposes of the dividends paid deduction as follows:

2008

Distributions from net tax-exempt income ***	\$5,429,625
Distributions from net ordinary income **	--
Distributions from net long-term capital gains ****	--

2007

Distributions from net tax-exempt income	\$5,764,329
Distributions from net ordinary income **	64,461
Distributions from net long-term capital gains	--

** Net ordinary income consists of taxable market discount income and net short-term capital gains, if any.

*** The Fund hereby designates this amount paid during the fiscal year ended March 31, 2008, as Exempt Interest Dividends.

**** The Fund designated as a long-term capital gain dividend, pursuant to Internal Revenue Code Section 852(6)(3), the amount necessary to reduce earnings and profits of the Fund related to net capital gain to zero for the tax year ended March 31, 2008.

At March 31, 2008, the Fund's tax year end, the Fund had unused capital loss carryforwards available for federal income tax purposes to be applied against future capital gains, if any. If not applied, the carryforwards will expire as follows:

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Expiration:

March 31, 2010	\$ 14,922
March 31, 2011	6,523,386
March 31, 2012	8,737,799
March 31, 2013	4,977
March 31, 2014	14,448
March 31, 2015	11,084
March 31, 2016	44,763

Total **\$15,351,379**
 =====

The Fund elected to defer net realized losses from investments incurred from November 1, 2007 through March 31, 2008, the Fund's tax year end, ("post-October losses") in accordance with federal income tax regulations. Post-October losses of \$12,331 were treated as having arisen on the first day of the following fiscal year.

5. MANAGEMENT FEES AND OTHER TRANSACTIONS WITH AFFILIATES

The Fund's management fee is separated into two components - a complex-level component, based on the aggregate amount of all fund assets managed by the Adviser, and a specific fund-level component, based only on the amount of assets within the Fund. This pricing structure enables Nuveen fund shareholders to benefit from growth in the assets within each individual fund as well as from growth in the amount of complex-wide assets managed by the Adviser.

26

The annual fund-level fee, payable monthly, is based upon the average daily net assets of the Fund as follows:

AVERAGE DAILY NET ASSETS	FUND-LEVEL FEE RATE
For the first \$125 million	.3000%
For the next \$125 million	.2875
For the next \$250 million	.2750
For the next \$500 million	.2625
For the next \$1 billion	.2500
For net assets over \$2 billion	.2375

=====

The annual complex-level fee, payable monthly, which is additive to the fund-level fee, for all Nuveen sponsored funds in the U.S., is based on the aggregate amount of total fund assets managed as stated in the tables below. As of March 31, 2008, the complex-level fee rate was .1870%.

Effective August 20, 2007, the complex-level fee schedule is as follows:

COMPLEX-LEVEL ASSET BREAKPOINT LEVEL (1)	EFFECTIVE RATE AT BREAKPOINT LEVEL
\$55 billion	.2000%
\$56 billion	.1996
\$57 billion	.1989
\$60 billion	.1961
\$63 billion	.1931
\$66 billion	.1900
\$71 billion	.1851

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

\$76 billion	.1806
\$80 billion	.1773
\$91 billion	.1691
\$125 billion	.1599
\$200 billion	.1505
\$250 billion	.1469
\$300 billion	.1445

Prior to August 20, 2007, the complex-level fee schedule was as follows:

COMPLEX-LEVEL ASSET BREAKPOINT LEVEL (1)	EFFECTIVE RATE AT BREAKPOINT LEVEL
\$55 billion	.2000%
\$56 billion	.1996
\$57 billion	.1989
\$60 billion	.1961
\$63 billion	.1931
\$66 billion	.1900
\$71 billion	.1851
\$76 billion	.1806
\$80 billion	.1773
\$91 billion	.1698
\$125 billion	.1617
\$200 billion	.1536
\$250 billion	.1509
\$300 billion	.1490

- (1) The complex-level fee component of the management fee for the funds is calculated based upon the aggregate Managed Assets ("Managed Assets" means the average daily net assets of each fund including assets attributable to preferred stock issued by or borrowings by the Nuveen funds) of Nuveen-sponsored funds in the U.S.

27

Notes to FINANCIAL STATEMENTS (continued)

The management fee compensates the Adviser for overall investment advisory and administrative services and general office facilities. The Fund pays 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 Fund from the Adviser or its affiliates. The Board of Trustees 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.

Agreement and Plan of Merger

On June 20, 2007, Nuveen Investments announced that it had entered into a definitive Agreement and Plan of Merger ("Merger Agreement") with Windy City Investments, Inc. ("Windy City"), a corporation formed by investors led by Madison Dearborn Partners, LLC ("Madison Dearborn"), pursuant to which Windy City would acquire Nuveen Investments. Madison Dearborn is a private equity

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

investment firm based in Chicago, Illinois. The merger was consummated on November 13, 2007.

The consummation of the merger was deemed to be an "assignment" (as that term is defined in the Investment Company Act of 1940) of the investment management agreement between the Fund and the Adviser, and resulted in the automatic termination of the Fund's agreement. The Board of Trustees of the Fund considered and approved a new investment management agreement with the Adviser on the same terms as the previous agreements. Each new ongoing investment management agreement was approved by the shareholders of the Fund and took effect on November 13, 2007.

The investors led by Madison Dearborn include an affiliate of Merrill Lynch. As a result, Merrill Lynch is an indirect "affiliated person" (as that term is defined in the Investment Company Act of 1940) of the Fund. Certain conflicts of interest may arise as a result of such indirect affiliation. For example, the Fund is generally prohibited from entering into principal transactions with Merrill Lynch and its affiliates. The Adviser does not believe that any such prohibitions or limitations as a result of Merrill Lynch's affiliation will significantly impact the ability of the Fund to pursue its investment objectives and policies.

6. NEW ACCOUNTING PRONOUNCEMENTS

Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157

In September 2006, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 157, "Fair Value Measurements." This standard establishes a single authoritative definition of fair value, sets out a framework for measuring fair value and requires additional disclosures about fair value measurements. SFAS No. 157 applies to fair value measurements already required or permitted by existing standards. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007, and interim periods within those fiscal years. The changes to current generally accepted accounting principles from the application of this standard relate to the definition of fair value, the methods used to measure fair value, and the expanded disclosures about fair value measurements. As of March 31, 2008, management does not believe the adoption of SFAS No. 157 will impact the financial statement amounts; however, additional disclosures may be required about the inputs used to develop the measurements and the effect of certain of the measurements included within the Statement of Operations for the period.

28

Financial Accounting Standards Board Statement of Financial Accounting Standards No. 161

In March 2008, the FASB issued SFAS No. 161, "Disclosures about Derivative Instruments and Hedging Activities." This standard is intended to enhance financial statement disclosures for derivative instruments and hedging activities and enable investors to understand: a) how and why a fund uses derivative instruments, b) how derivative instruments and related hedge items are accounted for, and c) how derivative instruments and related hedge items affect a fund's financial position, results of operations and cash flows. SFAS No. 161 is effective for financial statements issued for fiscal years beginning after November 15, 2008, and interim periods within those fiscal years. As of March 31, 2008, management does not believe the adoption of SFAS No. 161 will

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

impact the financial statement amounts; however, additional footnote disclosures may be required about the use of derivative instruments and hedging items.

7. SUBSEQUENT EVENTS

Distributions to Shareholders

The Fund declared a dividend distribution of \$.0365 per share from its tax-exempt net investment income which was paid on May 1, 2008, to shareholders of record on April 15, 2008.

29

Financial HIGHLIGHTS

Selected data for a share outstanding throughout each period:

	Investment Operations				Less Distribu	
	Beginning Net Asset Value	Net Investment Income	Net Realized/ Unrealized Gain (Loss)	Total	Net Investment Income	Capital Gains
Year Ended 3/31:						
2008	\$10.19	\$.44	\$ (.12)	\$.32	\$ (.44)	\$ --
2007	10.15	.46	.05	.51	(.47)	--
2006	10.22	.48	(.07)	.41	(.48)	--
2005	10.35	.49	(.14)	.35	(.48)	--
2004	10.34	.51	--	.51	(.50)	--

				Ratios/Supplemental		
				Ratios to Average Net Assets Before Credit		Ra
Total Returns		Ending Net Assets (000)		Expenses	Net Investment Income	Expens
Based on Market Value+	Based on Net Asset Value+					
Year Ended 3/31:						
2008	3.18%	3.18%	\$124,831	.59%	4.37%	
2007	4.75	5.10	126,316	.62	4.44	
2006	12.21	4.02	125,857	.59	4.67	
2005	(1.52)	3.44	126,645	.61	4.81	
2004	6.03	5.09	128,335	.63	4.92	

* After custodian fee credit.

+ Total Return on Market Value is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

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 takes 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.

Total Return on Net Asset Value is the combination of changes in net asset value, reinvested dividend income at net asset value and reinvested capital gains distributions at net asset value, 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 net asset value. 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 net asset value), and therefore may be different from the price used in the calculation. Total returns are not annualized.

See accompanying notes to financial statements.

30-31 spread

Board Members & Officers

The management of the Funds, including general supervision of the duties performed for the Funds by the Adviser, is the responsibility of the Board Members of the Funds. The number of board members of the Fund is currently set at eight. None of the board members who are not "interested" persons of the Funds has ever been a director or employee of, or consultant to, Nuveen or its affiliates. The names and business addresses of the board members and officers of the Funds, their principal occupations and other affiliations during the past five years, the number of portfolios each oversees and other directorships they hold are set forth below.

NAME, BIRTHDATE & ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED AND TERM(2)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY BOARD MEMBER	PRINCIPAL OCCUPATIO INCLUDING DIRECTORS DURING PA
---------------------------------	------------------------------------	--	---	---

BOARD MEMBER WHO IS AN INTERESTED PERSON OF THE FUNDS:

[] TIMOTHY R. SCHWERTFEGER(1) 3/28/49 333 W. Wacker Drive Chicago, IL 60606	Chairman of the Board and Board Member	1994 CLASS I	184	Former di Chairman Chairman and Chief 2007) of Asset Man subsidiar formerly, Instituti
---	--	-----------------	-----	--

BOARD MEMBERS WHO ARE NOT INTERESTED PERSONS OF THE FUNDS:

[] ROBERT P. BREMNER 8/22/40 333 W. Wacker Drive	Lead Independent	1997 CLASS III	184	Private I
---	---------------------	-------------------	-----	-----------

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Chicago, IL 60606	Board member			
[] JACK B. EVANS 10/22/48 333 W. Wacker Drive Chicago, IL 60606	Board member	1999 CLASS III	184	President private p 1996); Di Fire Grou of the Bo Iowa Univ Companies Iowa Coll Advisory Finance i Universit Alliant E Reserve B and Chief Group, In firm.
[] WILLIAM C. HUNTER 3/6/48 333 W. Wacker Drive Chicago, IL 60606	Board member	2004 CLASS II	184	Dean, Tip of Iowa (and Disti School of Connectic Vice Pres the Feder (1995-200 Research Director Director Internati Technolog

NAME, BIRTHDATE & ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED AND TERM(2)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY BOARD MEMBER	PRINCIPAL OCCUPATIO INCLUDING DIRECTORS DURING PA
BOARD MEMBERS WHO ARE NOT INTERESTED PERSONS OF THE FUNDS:				
[] DAVID J. KUNDERT 10/28/42 333 W. Wacker Drive Chicago, IL 60606	Board member	2005 CLASS II	182	Director, Managemen Chairman, President Advisors Group Mut Vice Pres Chairman Managemen Luther Co Associati Friends o of Invest Foundatio
[] WILLIAM J. SCHNEIDER				Chairman,

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

9/24/44 333 W. Wacker Drive Chicago, IL 60606	Board member	1997 CLASS III	184	Operating Miller-Va estate in Developme Business Reserve B
[] JUDITH M. STOCKDALE 12/29/47 333 W. Wacker Drive Chicago, IL 60606	Board member	1997 CLASS I	184	Executive Donnelley thereto, Protectio
[] CAROLE E. STONE 6/28/47 333 West Wacker Drive Chicago, IL 60606	Board member	2007 CLASS I	184	Director, (since 20 Associati Commissio Public Au formerly of the Bu Authoriti Director, Corporati
OFFICERS OF THE FUND:				
[] GIFFORD R. ZIMMERMAN 9/9/56 333 W. Wacker Drive Chicago, IL 60606	Chief Administrative Officer	1988	184	Managing Secretary formerly, General C Managing General C Nuveen As Assistant Managemen Nuveen In 2002), Sy NWQ Inves (since 20 LLC, and (since 20 Richards Managing and Assis Managemen Director, Secretary Investmen Director (1998-200 Nuveen Ad Instituti Financial
[] WILLIAM ADAMS IV 6/9/55 333 West Wacker Drive Chicago, IL 60606	Vice President	2007	120	Executive Products 1999), pr Structure

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

NAME, BIRTHDATE AND ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED (4)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY OFFICER	PRINCIPAL OCCUPATIO DURING PA
OFFICERS OF THE FUND:				
[] CEDRIC H. ANTOSIEWICZ 1/11/62 333 W. Wacker Drive Chicago, IL 60606	Vice President	2007	120	Managing Vice Pres Investmen
[] MICHAEL T. ATKINSON 2/3/66 333 W. Wacker Drive Chicago, IL 60606	Vice President and Assistant Secretary	2000	184	Vice Pres Investmen
[] PETER H. D'ARRIGO 11/28/67 333 W. Wacker Drive Chicago, IL 60606	Vice President	1999	184	Vice Pres Investmen Inc.; Vic Asset Man Investmen Investmen 2002); Ri (since 20 Investors Asset Man Nuveen Hy &Tierney, Symphony formerly, (1999-200 Nuveen In Chartered
[] LORNA C. FERGUSON 10/24/45 333 W. Wacker Drive Chicago, IL 60606	Vice President	1998	184	Managing Vice Pres Managing President Corp. and Corp. (3); Nuveen As
[] STEPHEN D. FOY 5/31/54 333 W. Wacker Drive Chicago, IL 60606	Vice President and Controller	1998	184	Vice Pres Controlle Investmen and Funds Investmen Accountan
[] WALTER M. KELLY 2/24/70 333 West Wacker Drive Chicago, IL 60606	Chief Compliance Officer and Vice President	2003	184	Senior Vi President Vice Pres (2003-200 President Secretary Managemen
[] DAVID J. LAMB 3/22/63				Vice Pres Investmen

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

333 W. Wacker Drive Chicago, IL 60606	Vice President	2000	184	Accountan
[] TINA M. LAZAR 8/27/61 333 W. Wacker Drive Chicago, IL 60606	Vice President	2002	184	Vice Pres (since 19

34

NAME, BIRTHDATE AND ADDRESS	POSITION(S) HELD WITH THE FUNDS	YEAR FIRST ELECTED OR APPOINTED (4)	NUMBER OF PORTFOLIOS IN FUND COMPLEX OVERSEEN BY OFFICER	PRINCIPAL OCCUPATION DURING PAST
OFFICERS OF THE FUND:				
[] LARRY W. MARTIN 7/27/51 333 W. Wacker Drive Chicago, IL 60606	Vice President and Assistant Secretary	1988	184	Vice Presi Assistant Investment 2005) and Investment 2005) and of Nuveen (since 200 Assistant Rittenhous President Investment Investment 2002), Sym 2003), Tra Santa Barb 2006) and Richards & formerly, Secretary Nuveen Ins
[] KEVIN J. MCCARTHY 3/26/66 333 W. Wacker Drive Chicago, IL 60606	Vice President and Secretary	2007	184	Managing D Vice Presi Investment Assistant Management Inc., Nuve Nuveen Inv Group LLC, Company, L LLC, NWQHo Management Management and Richar Managing D Vice Presi General Co prior ther LLP (1997-

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

<p>[] JOHN V. MILLER 4/10/67 333 W. Wacker Drive Chicago, IL 60606</p>	<p>Vice President</p>	<p>2007</p>	<p>184</p>
<p>[] JAMES F. RUANE 7/3/62 333 W. Wacker Drive Chicago, IL 60606</p>	<p>Vice President and Assistant Secretary</p>	<p>2007</p>	<p>184</p>
<p>[] MARK L. WINGET 12/21/68 333 W. Wacker Drive Chicago, IL 60606</p>	<p>Vice President and Assistant Secretary</p>	<p>2008</p>	<p>184</p>

Managing D
Vice Presi
Investment
Analyst.

Vice Presi
2007; prio
Touche USA
senior tax
Public Acc

Vice Presi
(since 200
Secretary,
Rittenhous
Investment
Institutio
Investment
Tradewinds
Holdings,
LLC, Santa
Nuveen Hyd
Tierney, I
and Assist
Investment
thereto, C
(1997-2007

- (1) Mr. Schwertfeger is an "interested person" of the Funds, as defined in the Investment Company Act of 1940, by reason of being the former Chairman and Chief Executive Officer of Nuveen Investments, Inc. and having previously served in various other capacities with Nuveen Investments, Inc. and its subsidiaries. It is expected that Mr. Schwertfeger will resign from the Board of Trustees by the end of the second quarter of 2008.
- (2) Board Members serve three year terms. The Board of Trustees is divided into three classes, Class I, Class II, and Class III, with each being elected to serve until the third succeeding annual shareholders' meeting subsequent to its election or thereafter in each case when its respective successors are duly elected or appointed. The first year elected or appointed represents the year in which the board member was first elected or appointed to any fund in the Nuveen Complex.
- (3) Nuveen Advisory Corp. and Nuveen Institutional Advisory Corp. were reorganized into Nuveen Asset Management, effective January 1, 2005.
- (4) Officers serve one year terms through July of each year. The year first elected or appointed represents the year in which the Officer was first elected or appointed to any fund in the Nuveen Complex.

35

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 DIVIDEND REINVESTMENT PLAN

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Your Nuveen Closed-End Fund allows you to conveniently reinvest dividends and/or capital gains 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 tax-free compounding. Just like dividends or distributions in cash, there may be times when income or capital gains taxes may be payable on dividends or 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 dividends and 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. Dividends and distributions received to purchase shares in the open market will normally be invested shortly after the dividend payment date. No interest will be paid on dividends and 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 dividend or 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.

36

FLEXIBLE

You may change your distribution option or withdraw from the Plan at any time, should your needs or situation change. Should you withdraw, you can receive a certificate for all whole shares credited to your reinvestment account and cash payment for fractional shares, or cash payment for all reinvestment account shares, less brokerage commissions and a \$2.50 service fee.

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.

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

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 DIVIDENDS AND/OR 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.

37

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.
- [] **AVERAGE EFFECTIVE MATURITY:** The average of the number of years to maturity of the bonds in a Fund's portfolio, computed by weighting each bond's time to maturity (the date the security comes due) by the market value of the security. This figure does not account for the likelihood of prepayments or the exercise of call provisions unless an escrow account has been established to redeem the bond before maturity.
- [] **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.
- [] **MARKET YIELD (ALSO KNOWN AS DIVIDEND YIELD OR CURRENT YIELD):** An investment's current annualized dividend divided by its current market price.
- [] **NET ASSET VALUE (NAV):** A Fund's common share NAV per share is calculated by subtracting the liabilities of the Fund from its total assets and then dividing the remainder by the number of shares outstanding. Fund NAVs are calculated at the end of each business day.
- [] **TAXABLE-EQUIVALENT YIELD:** The yield necessary from a fully taxable investment to equal, on an after-tax basis, the yield of a municipal bond investment.

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

- [] ZERO COUPON BOND: A zero coupon bond does not pay a regular interest coupon to its holders during the life of the bond. Tax-exempt 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.

38

Other Useful INFORMATION

QUARTERLY PORTFOLIO OF INVESTMENTS AND PROXY VOTING INFORMATION

You may obtain (i) the Fund's quarterly portfolio of investments, (ii) information regarding how the Fund voted proxies relating to portfolio securities held during the twelve-month period ended June 30, 2007, and (iii) a description of the policies and procedures that the Fund used to determine how to vote proxies relating to portfolio securities without charge, upon request, by calling Nuveen Investments toll-free at (800) 257-8787 or on Nuveen's website at www.nuveen.com.

You may also obtain this and other Fund information directly from the Securities and Exchange Commission ("SEC"). The SEC may charge a copying fee for this information. 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 at (202) 942-8090 for room hours and operation. You may also request Fund information by sending an e-mail request to publicinfo@sec.gov or by writing to the SEC's Public References Section at 100 F Street NE, Washington, D.C. 20549.

CEO CERTIFICATION DISCLOSURE

The Fund's Chief Executive Officer has submitted to the New York Stock Exchange the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual.

The Fund has filed with the SEC the certification of its Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

BOARD OF DIRECTORS

Robert P. Bremner
Jack B. Evans
William C. Hunter
David J. Kundert
William J. Schneider
Timothy R. Schwertfeger
Judith M. Stockdale
Carole E. Stone

FUND MANAGER

Nuveen Asset Management
333 West Wacker Drive
Chicago, IL 60606

CUSTODIAN

State Street Bank & Trust Company
Boston, MA

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

TRANSFER AGENT AND
SHAREHOLDER SERVICES
State Street Bank & Trust Company
Nuveen Funds
P.O. Box 43071
Providence, RI 02940-3071
(800) 257-8787

LEGAL COUNSEL
Chapman and Cutler LLP
Chicago, IL

INDEPENDENT REGISTERED
PUBLIC ACCOUNTING FIRM
Ernst & Young LLP
Chicago, IL

The Fund intends to repurchase shares of its own common stock in the future at such times and in such amounts as is deemed advisable. No common shares were repurchased during the period covered by this report. Any future repurchases will be reported to shareholders in the next annual or semi-annual report.

39

Nuveen Investments:

SERVING INVESTORS FOR GENERATIONS

Since 1898, financial advisors and their clients have relied on Nuveen Investments to provide dependable investment solutions. For the past century, Nuveen Investments has adhered to the belief that the best approach to investing is to apply conservative risk-management principles to help minimize volatility.

Building on this tradition, we today offer a range of high quality equity and fixed-income solutions that are integral to a well-diversified core portfolio. Our clients have come to appreciate this diversity, as well as our continued adherence to proven, long-term investing principles.

We offer many different investing solutions for our clients' different needs.

Managing \$153 billion in assets, as of March 31, 2008, Nuveen Investments offers access to a number of different asset classes and investing solutions through a variety of products. Nuveen Investments markets its capabilities under six distinct brands: Nuveen, a leader in fixed-income investments; NWQ, a leader in value-style equities; Rittenhouse, a leader in growth-style equities; Symphony, a leading institutional manager of market-neutral alternative investment portfolios; Santa Barbara, a leader in growth equities; and Tradewinds, a leader in global equities.

Find out how we can help you reach your financial goals.

To learn more about the products and services Nuveen Investments offers, talk to your financial advisor, or call us at (800) 257-8787. Please read the information provided carefully before you invest. Be sure to obtain a prospectus, where applicable. Investors should consider the investment objective

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

and policies, risk considerations, charges and expenses of the Fund carefully before investing. The prospectus contains this and other information relevant to an investment in the Fund. For a prospectus, please contact your securities representative or Nuveen Investments, 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/etf

- Share prices
- Fund details
- Daily financial news
- Investor education
- Interactive planning tools

EAN-A-0308D

ITEM 2. CODE OF ETHICS.

As of the end of the period covered by this report, the registrant has adopted a code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. There were no amendments to or waivers from the Code during the period covered by this report. The registrant has posted the code of ethics on its website at www.nuveen.com/etf. (To view the code, click on the Investor Resources drop down menu box, click on Fund Governance and then click on Code of Conduct.)

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

The registrant's Board of Directors or Trustees determined that the registrant has at least one "audit committee financial expert" (as defined in Item 3 of Form N-CSR) serving on its Audit Committee. The registrant's audit committee financial expert is Jack B. Evans, Chairman of the Audit Committee, who is "independent" for purposes of Item 3 of Form N-CSR.

Mr. Evans was formerly President and Chief Operating Officer of SCI Financial Group, Inc., a full service registered broker-dealer and registered investment adviser ("SCI"). As part of his role as President and Chief Operating Officer, Mr. Evans actively supervised the Chief Financial Officer (the "CFO") and actively supervised the CFO's preparation of financial statements and other filings with various regulatory authorities. In such capacity, Mr. Evans was actively involved in the preparation of SCI's financial statements and the resolution of issues raised in connection therewith. Mr. Evans has also served on the audit committee of various reporting companies. At such companies, Mr. Evans was involved in the oversight of audits, audit plans, and the preparation of financial statements. Mr. Evans also formerly chaired the audit committee of the Federal Reserve Bank of Chicago.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Nuveen Select Maturities Municipal Fund

The following tables show the amount of fees that Ernst & Young LLP, the Fund's auditor, billed to the Fund during the Fund's last two full fiscal years. For engagements with Ernst & Young LLP the Audit Committee approved in advance all audit services and non-audit services that Ernst & Young LLP provided to the Fund, except for those non-audit services that were subject to the pre-approval exception under Rule 2-01 of Regulation S-X (the "pre-approval exception"). The pre-approval exception for services provided directly to the Fund waives the

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

pre-approval requirement for services other than audit, review or attest services if: (A) the aggregate amount of all such services provided constitutes no more than 5% of the total amount of revenues paid by the Fund to its accountant during the fiscal year in which the services are provided; (B) the Fund did not recognize the services as non-audit services at the time of the engagement; and (C) the services are promptly brought to the Audit Committee's attention, and the Committee (or its delegate) approves the services before the audit is completed.

The Audit Committee has delegated certain pre-approval responsibilities to its Chairman (or, in his absence, any other member of the Audit Committee).

SERVICES THAT THE FUND'S AUDITOR BILLED TO THE FUND

FISCAL YEAR ENDED	AUDIT FEES BILLED TO FUND (1)	AUDIT-RELATED FEES BILLED TO FUND (2)	TAX F BILLED TO
March 31, 2008	\$ 11,018	\$ 0	\$ 500
Percentage approved pursuant to pre-approval exception	0%	0%	0%
March 31, 2007	\$ 9,674	\$ 0	\$ 0
Percentage approved pursuant to pre-approval exception	0%	0%	0%

- (1) "Audit Fees" are the aggregate fees billed for professional services for the audit of the Fund's annual financial statements and services provided in connection with statutory and regulatory filings or engagements.
- (2) "Audit Related Fees" are the aggregate fees billed for assurance and related services reasonably related to the performance of the audit or review of financial statements and are not reported under "Audit Fees".
- (3) "Tax Fees" are the aggregate fees billed for professional services for tax advice, tax compliance, and tax planning.

SERVICES THAT THE FUND'S AUDITOR BILLED TO THE ADVISER AND AFFILIATED FUND SERVICE PROVIDERS

The following tables show the amount of fees billed by Ernst & Young LLP to Nuveen Asset Management ("NAM" or the "Adviser"), and any entity controlling, controlled by or under common control with NAM ("Control Affiliate") that provides ongoing services to the Fund ("Affiliated Fund Service Provider"), for engagements directly related to the Fund's operations and financial reporting, during the Fund's last two full fiscal years.

The tables also show the percentage of fees subject to the pre-approval exception. The pre-approval exception for services provided to the Adviser and any Affiliated Fund Service Provider (other than audit, review or attest services) waives the pre-approval requirement if: (A) the aggregate amount of all such services provided constitutes no more than 5% of the total amount of revenues paid to Ernst & Young LLP by the Fund, the Adviser and Affiliated Fund

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Service Providers during the fiscal year in which the services are provided that would have to be pre-approved by the Audit Committee; (B) the Fund did not recognize the services as non-audit services at the time of the engagement; and (C) the services are promptly brought to the Audit Committee's attention, and the Committee (or its delegate) approves the services before the Fund's audit is completed.

FISCAL YEAR ENDED	AUDIT-RELATED FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS	TAX FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS	ALL OTHER BILLED TO AND AFFILI SERVICE P
March 31, 2008	\$ 0	\$ 0	\$ 0
Percentage approved pursuant to pre-approval exception	0%	0%	0%
March 31, 2007	\$ 0	\$ 0	\$ 0
Percentage approved pursuant to pre-approval exception	0%	0%	0%

NON-AUDIT SERVICES

The following table shows the amount of fees that Ernst & Young LLP billed during the Fund's last two full fiscal years for non-audit services. The Audit Committee is required to pre-approve non-audit services that Ernst & Young LLP provides to the Adviser and any Affiliated Fund Services Provider, if the engagement related directly to the Fund's operations and financial reporting (except for those subject to the de minimis exception described above). The Audit Committee requested and received information from Ernst & Young LLP about any non-audit services that Ernst & Young LLP rendered during the Fund's last fiscal year to the Adviser and any Affiliated Fund Service Provider. The Committee considered this information in evaluating Ernst & Young LLP's independence.

FISCAL YEAR ENDED	TOTAL NON-AUDIT FEES BILLED TO FUND	TOTAL NON-AUDIT FEES BILLED TO ADVISER AND AFFILIATED FUND SERVICE PROVIDERS (ENGAGEMENTS RELATED DIRECTLY TO THE OPERATIONS AND FINANCIAL REPORTING OF THE FUND)	TOTAL NO BILLED T AFFILIATE PROVIDE EN
March 31, 2008	\$ 500	\$ 0	
March 31, 2007	\$ 0	\$ 0	

"Non-Audit Fees billed to Adviser" for both fiscal year ends represent "Tax Fees" billed to Adviser in their respective amounts from the previous table.

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

Audit Committee Pre-Approval Policies and Procedures. Generally, the Audit Committee must approve (i) all non-audit services to be performed for the Fund by the Fund's independent accountants and (ii) all audit and non-audit services to be performed by the Fund's independent accountants for the Affiliated Fund Service Providers with respect to operations and financial reporting of the Fund. Regarding tax and research projects conducted by the independent accountants for the Fund and Affiliated Fund Service Providers (with respect to operations and financial reports of the Fund) such engagements will be (i) pre-approved by the Audit Committee if they are expected to be for amounts greater than \$10,000; (ii) reported to the Audit Committee chairman for his verbal approval prior to engagement if they are expected to be for amounts under \$10,000 but greater than \$5,000; and (iii) reported to the Audit Committee at the next Audit Committee meeting if they are expected to be for an amount under \$5,000.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

The registrant's Board of Directors or Trustees has a separately designated Audit Committee established in accordance with Section 3(a)(58)(A) of the Securities Exchange Act of 1934, as amended (15 U.S.C. 78c(a)(58)(A)). The members of the audit committee are Robert P. Bremner, Jack B. Evans, William J. Schneider and David J. Kundert.

ITEM 6. SCHEDULE OF INVESTMENTS.

See Portfolio of Investments in Item 1.

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

The registrant invests its assets primarily in municipal bonds and cash management securities. On rare occasions the registrant may acquire, directly or through a special purpose vehicle, equity securities of a municipal bond issuer whose bonds the registrant already owns when such bonds have deteriorated or are expected shortly to deteriorate significantly in credit quality. The purpose of acquiring equity securities generally will be to acquire control of the municipal bond issuer and to seek to prevent the credit deterioration or facilitate the liquidation or other workout of the distressed issuer's credit problem. In the course of exercising control of a distressed municipal issuer, NAM may pursue the registrant's interests in a variety of ways, which may entail negotiating and executing consents, agreements and other arrangements, and otherwise influencing the management of the issuer. NAM does not consider such activities proxy voting for purposes of Rule 206(4)-6 under the 1940 Act, but nevertheless provides reports to the registrant's Board of Trustees on its control activities on a quarterly basis.

In the rare event that a municipal issuer were to issue a proxy or that the registrant were to receive a proxy issued by a cash management security, NAM would either engage an independent third party to determine how the proxy should be voted or vote the proxy with the consent, or based on the instructions, of the registrant's Board of Trustees or its representative. A member of NAM's legal department would oversee the administration of the voting, and ensure that records were maintained in accordance with Rule 206(4)-6, reports were filed with the SEC on Form N-PX, and the results provided to the registrant's Board of Trustees and made available to shareholders as required by applicable rules.

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

THE PORTFOLIO MANAGER

The following individual has primary responsibility for the day-to-day implementation of the registrant's investment strategies:

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

NAME	FUND
Paul Brennan	Nuveen Select Maturities Municipal Fund

Other Accounts Managed. In addition to managing the registrant, the portfolio manager is also primarily responsible for the day-to-day portfolio management of the following accounts:

PORTFOLIO MANAGER	TYPE OF ACCOUNT MANAGED	NUMBER OF ACCOUNTS	ASSETS
Paul Brennan	Registered Investment Company	15	\$14.395 billion
	Other Pooled Investment Vehicles	0	\$ 0
	Other Accounts	1	\$1.1 million

* Assets are as of March 31, 2008. None of the assets in these accounts are subject to an advisory fee based on performance.

Compensation. Each portfolio manager's compensation consists of three basic elements--base salary, cash bonus and long-term incentive compensation. The compensation strategy is to annually compare overall compensation to the market in order to create a compensation structure that is competitive and consistent with similar financial services companies. As discussed below, several factors are considered in determining each portfolio manager's total compensation. In any year these factors may include, among others, the effectiveness of the investment strategies recommended by the portfolio manager's investment team, the investment performance of the accounts managed by the portfolio manager, and the overall performance of Nuveen Investments, Inc. (the parent company of NAM). Although investment performance is a factor in determining the portfolio manager's compensation, it is not necessarily a decisive factor. The portfolio manager's performance is evaluated in part by comparing manager's performance against a specified investment benchmark. This fund-specific benchmark is a customized subset (limited to bonds in each Fund's specific state and with certain maturity parameters) of the S&P/Investortools Municipal Bond index, an index comprised of bonds held by managed municipal bond fund customers of Standard & Poor's Securities Pricing, Inc. that are priced daily and whose fund holdings aggregate at least \$2 million. As of April 30, 2008, the S&P/Investortools Municipal Bond index was comprised of 51,827 securities with an aggregate current market value of \$1,027 billion.

Base salary. Each portfolio manager is paid a base salary that is set at a level determined by NAM in accordance with its overall compensation strategy discussed above. NAM is not under any current contractual obligation to increase a portfolio manager's base salary.

Cash bonus. Each portfolio manager is also eligible to receive an annual cash bonus. The level of this bonus is based upon evaluations and determinations made by each portfolio manager's supervisors, along with reviews submitted by his peers. These reviews and evaluations often take into account a number of factors, including the effectiveness of the investment strategies recommended to the NAM's investment team, the performance of the accounts for which he serves as portfolio manager relative to any benchmarks established for those accounts, his effectiveness in communicating investment performance to stockholders and their representatives, and his contribution to the NAM's investment process and to the execution of investment strategies. The cash bonus component is also impacted by the overall performance of Nuveen Investments, Inc. in achieving its business objectives.

Long-term incentive compensation. In connection with the acquisition of Nuveen Investments, Inc., by a group of investors lead by Madison Dearborn Partners in November 2007, certain employees, including portfolio managers, received profit interests in Nuveen's parent. These profit interests entitle the holders to

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

participate in the appreciation in the value of Nuveen beyond the issue date and vest over five to seven years, or earlier in the case of a liquidity event.

Material Conflicts of Interest. Each portfolio manager's simultaneous management of the Registrant and the other accounts noted above may present actual or apparent conflicts of interest with respect to the allocation and aggregation of securities orders placed on behalf of the registrant and the other account. NAM, however, believes that such potential conflicts are mitigated by the fact that the NAM has adopted several policies that address potential conflicts of interest, including best execution and trade allocation policies that are designed to ensure (1) that portfolio management is seeking the best price for portfolio securities under the circumstances, (2) fair and equitable allocation of investment opportunities among accounts over time and (3) compliance with applicable regulatory requirements. All accounts are to be treated in a non-preferential manner, such that allocations are not based upon account performance, fee structure or preference of the portfolio manager. In addition, NAM has adopted a Code of Conduct that sets forth policies regarding conflicts of interest.

Beneficial Ownership of Securities. As of the March 31, 2008, the portfolio manager beneficially owned the following dollar range of equity securities issued by the Registrant and other Nuveen Funds managed by NAM's municipal investment team.

NAME OF PORTFOLIO MANAGER	FUND	DOLLAR RANGE OF EQUITY SECURITIES BENEFICIALLY OWNED IN FUND	DOLLAR RANGE OF EQUITY BENEFICIALLY OWNED IN TH NUVEEN BY NA INVEST

Paul Brennan	Nuveen Select Maturities Municipal Fund	\$0	\$250,

PORTFOLIO MANAGER BIO:

Paul Brennan, CFA, CPA, became a portfolio manager of Flagship Financial Inc. in 1994, and subsequently became an Assistant Vice President of NAM upon the acquisition of Flagship Resources Inc. by Nuveen in 1997. He became Vice President of NAM in 2002. He currently manages investments for 16 Nuveen-sponsored investment companies.

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

Not applicable.

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 registrants 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

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

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. EXHIBITS.

File the exhibits listed below as part of this Form. Letter or number the exhibits in the sequence indicated.

(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 because the code is posted on registrant's website at www.nuveen.com/etf and there were no amendments during the period covered by this report. (To view the code, click on the Investor Resources drop down menu box, click on Fund Governance and then Code of Conduct.)

(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: Ex-99.CERT Attached hereto.

(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. 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 Select Maturities Municipal Fund

Edgar Filing: NUVEEN SELECT MATURITIES MUNICIPAL FUND - Form N-CSR

By (Signature and Title)* /s/ Kevin J. McCarthy

Kevin J. McCarthy
Vice President and Secretary

Date: June 6, 2008

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: June 6, 2008

By (Signature and Title)* /s/ Stephen D. Foy

Stephen D. Foy
Vice President and Controller
(principal financial officer)

Date: June 6, 2008

* Print the name and title of each signing officer under his or her signature.