

# Quarterly Commentary

Ticker	Inv Manager or Sub-Advisor	Benchmark	Morningstar Category	Investment Objective
PVMXX	Principal Global Investors	Bloomberg Barclays Treasury Bellwethers 3 Month Index	Money Market	Income

## Economic Overview

The global economic recovery that began in early 2016 appears to have reached self-sustaining velocity. The consensus now recognizes the evidence: strong industrial production, robust growth, and improved capital spending. Plus, business and consumer confidence is surging to high or record levels. Bank indices had better returns than the overall market. Mildly rising interest rates also suggest that investors appreciate some of the more recent worries (i.e., risks of deflation, political turmoil in Europe, or a China hard landing) have fallen significantly.

Economic sentiment in the Eurozone is within a whisker of a 17-year high. Confidence improved in every sector and country. Even Italian CEOs have the most optimistic outlook in a decade. The final survey of manufacturing purchasing managers was the highest in over six and a half years. The flash composite of service and manufacturing indices rose. Private demand is driving growth in both consumer spending and investment. In September, inflation stayed modest. Unemployment is falling and job gains are healthy. The 5.6% jobless rate in Germany is the lowest it's been since reunification in the early 1990s. Even Brexit fears can't keep the UK economy from expanding, or household spending from growing. Purchasing manager indices from the National Bureau of Statistics suggest that both manufacturing and service businesses are improving in China. The private-sector gauge from Caixin/Markit slipped a bit, but still shows growth. The People's Bank of China revealed a targeted cut in required reserves for banks that increase lending to small and very small enterprises, so while fiscal stimulus has faded some, there will be plenty of liquidity. Growth is not accelerating, but no near-term hard landing seems anywhere in sight. The U.S. economy has been strong and steady. Real economic growth averaged 2.2%, matching the rate over the entire expansion. Confidence is high, job growth is robust, and inflation is subdued. Profit growth is rebounding, and capital spending is picking up. We expect third-quarter growth to be cut a few tenths by the tragedies that came with Hurricanes Harvey, Irma, and Maria. Rebuilding efforts could add a bit to growth in following quarters.

As the synchronized global economic expansion continues robust and unabated, central banks are re-evaluating the extraordinary policies put in place after the financial crisis. Robust world growth, higher oil prices, and rising investor confidence in the self-sustaining expansion, pushed government bond yields higher, reversing their July-August dip.

## Fixed Income

Spreads continued their nearly uninterrupted tightening trend due to the combination of an improved macroeconomic backdrop and strong corporate fundamentals. In addition, reduced-expectations of monetary tightening helped risk assets outperform because central banks took a more-dovish tone due to weak inflation data. Despite escalating tension with North Korea, volatility remained exceptionally low. The Treasury curve flattened during the quarter with short-term interest rates rising faster than longer-term rates. The two-year U.S. Treasury rate rose 0.10% while the five-year U.S. Treasury rate rose 0.05%. The ten-year and thirty-year rates each increased 0.03%. The slope of the two-to-ten-year Treasury curve fell from 0.92% to 0.85%.<sup>1</sup>

The Bloomberg Barclays U.S. Aggregate Index, a proxy for the overall fixed income market, had an excess return of 0.41% for the quarter when compared to similar-duration U.S. Treasury securities. The best-performing sectors were emerging market debt, below investment-grade corporate bonds, and investment-grade corporate bonds with excess returns of 1.86%, 1.60%, and 0.87%, respectively. Mortgage-backed securities (MBS) also outperformed with an excess return of 0.47%. Commercial mortgage-backed securities (CMBS), asset-backed securities (ABS), and U.S. agencies outperformed similar duration U.S. Treasury securities but underperformed the Bloomberg Barclays U.S. Aggregate Index with excess returns of 0.34%, 0.14%, and 0.05%, respectively.<sup>2</sup>

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May lose value • Not a deposit • No bank or credit union guarantee  
Not insured by any Federal government agency

## Performance Contributors

### Positive Contributors

#### During last quarter:

Principal Money Market performed in line with the peer group. The portfolio continues to have a core holding of variable rate demand note (VRDN's) that meet the need for seven day liquidity at a higher yield than other options. The weighted average days to maturity for the peer group has come down from 41 to 33.

#### During last 12 months:

Principal Money Market performed in line with the peer group. The portfolio continues to have a core holding of variable rate demand note (VRDN's) that meet the need for seven day liquidity at a higher yield than other options. The weighted average days to maturity for the peer group has come down from 41 to 33.

### Negative Contributors

#### During last quarter:

The portfolio's weighted average maturity was in line with, or slightly shorter than the peer group during the quarter.

#### During last 12 months:

The portfolio's weighted average maturity was in line with, or slightly shorter than the peer group during the quarter.

#### Changes to the investment option's structure or portfolio:

No material changes occurred in the portfolio structure.

# Money Market Inst Fund

## Performance

*Investment results shown represent historical performance and do not guarantee future results. Investment returns and principal values fluctuate with changes in interest rates and other market conditions so the value, when redeemed, may be worth more or less than original costs. Current performance may be lower or higher than the performance data shown. For more performance information, including most recent month-end performance, visit [www.principal.com](http://www.principal.com), contact your representative of the Principal Financial Group®, or contact our participant contact center at 1-800-547-7754.*

*In situations where the net and gross fund expense figures are different, the investment manager has contractually agreed to limit the investment option's expense. Differences may also be shown due to the investment manager choosing to pay certain expenses that would normally be payable by the fund. The gross fund expense figure does not reflect any waivers or caps on the mutual fund. Performance shown reflects the application of net expenses of the fund.*

Average Annual Total Returns (%) as of 09/30/2017	QTR	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception	Inception Date	03/01/2001
Money Market Inst Fund	0.00	0.00	0.00	0.02	0.01	0.42	1.38	Ext. Perf. Inc. Date	12/06/2000
Bloomberg Barclays Treasury Bellwethers 3 Month Index	0.27	0.58	0.67	0.33	0.24	0.51	-	Total Inv. Exp Gross	0.43
Money Market Category	0.17	0.33	0.37	0.16	0.09	0.35	-	Total Inv Exp Net	0.43
Morningstar Percentile Ranking	-	-	-	-	-	-	-	Waiver Date	-
Total Funds in Category	544	538	533	460	438	357	-	Contractual Cap Date	-

**Past performance is no guarantee of future results.** Market indices have been provided for comparison purposes only. They are unmanaged and do not reflect fees or expenses. Individuals cannot invest directly in an index.

These calculated returns reflect the historical performance of the oldest share class of the fund, adjusted to reflect a portion of the fees and expenses of this share class. For time periods prior to inception date of the fund, predecessor performance is reflected. Please see the fund's prospectus for more information on specific expenses, and the fund's most recent shareholder report for actual date of first sale. Expenses are deducted from income earned by the fund. As a result, dividends and investment results will differ for each share class.

# Money Market Inst Fund

## Top Ten Holdings as of 08/31/2017

Security	Net Assets (%)
Merrill Lynch Repurchase Agreement	3.65
Barclays Bank PLC Repurchase Agreement	2.92
Memorial Health System/IL	2.19
MetLife Inc	2.04
Deutsche Government Money Market Series	1.61
STIT-Government & Agency Portfolio	1.48
Portland Clinic LLP/The	1.28
New York Life Global Funding Company	1.27
City of Baltimore MD	1.24
Colorado Housing & Finance Authority	1.17
<b>Total % in Top 10</b>	<b>18.85</b>

Information is current as of the date noted. Keep in mind that all current and future portfolio holdings are subject to risk.

## Money Market Inst Fund

Manager(s)	Start Date	Degree	Alma Mater
Tracy Reeg	08/02/2004	B.S.	University of Northern Iowa
Erika Isley	07/31/2017	M.B.A.	Drake University

### Investment Strategy

The investment seeks as high a level of current income as is considered consistent with preservation of principal and maintenance of liquidity. The fund seeks to maintain a stable net asset value of \$1.00 per share by investing its assets in a portfolio of high quality, short-term money market instruments such as those issued by banks, corporations (U.S. and non-U.S.), municipalities and the U.S. government. Such instruments include certificates of deposit, bankers' acceptances, commercial paper, treasury bills, bonds, and shares of other money market funds. The fund maintains a dollar weighted average portfolio maturity of 60 days or less.

### About Principal Global Investors

Principal Global Investors' fixed income capabilities span multiple economic and credit market cycles and encompass all major fixed income sectors and security types. Its global fixed income research efforts cover sovereign and corporate debt markets worldwide and draw from the firm's experienced team of fixed income professionals - including global credit analysts, structured debt specialists, economists, portfolio managers, traders and risk management specialists.

## Important Notes

Insurance products and plan administrative services, if applicable, are provided by Principal Life Insurance Company. Principal mutual funds are part of the Principal Funds, Inc. series. Principal Funds, Inc. is distributed by Principal Funds Distributor, Inc. Securities are offered through Principal Securities Inc., 800-547-7754, member SIPC and/or independent brokers/dealers. Principal Funds Distributor, Principal Securities and Principal Life are members of the Principal Financial Group®, Des Moines, IA 50392. Certain investment options may not be available in all states or U.S. commonwealths.

**Investors should carefully consider a mutual fund's investment objectives, risks, charges, and expenses prior to investing. A prospectus, or summary prospectus if available, containing this and other information can be obtained by contacting a financial professional, visiting [principal.com](http://principal.com), or calling 1-800-547-7754. Read the prospectus carefully before investing.**

The value of the investment options will fluctuate so that when redeemed, shares or units may be worth more or less than the original cost.

Returns shown for periods of less than one year are not annualized. All returns displayed here are after Total Investment Expense of the investment option. Any operating expenses of a mutual fund or underlying mutual fund that are part of net Total Investment Expense are obtained from the mutual fund's most recent prospectus. The operating expenses shown as part of the Total Investment Expense include voluntary expense limits and fee credit.

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You could lose money by investing in the Fund. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. The Fund may impose a fee upon sale of your shares or may temporarily suspend your ability to sell shares if the Fund's liquidity falls below required minimums because of market conditions or other factors. An investment in the Fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Fund's sponsor has no legal obligation to provide financial support to the Fund, and you should not expect that the sponsor will provide financial support to the Fund at any time.

These calculated returns reflect the historical performance of the oldest share class of the fund, adjusted to reflect a portion of the fees and expenses of this share class. For time periods prior to inception date of the fund, predecessor performance is reflected. Please see the fund's prospectus for more information on specific expenses, and the fund's most recent shareholder report for actual date of first sale. Expenses are deducted from income earned by the fund. As a result, dividends and investment results will differ for each share class.

The investment adviser may voluntarily limit a certain portion of the fund's expenses collected from the Money Market Fund on a temporary basis.

### About Principal Financial Group



The Principal Financial Group® (The Principal®) is a leading global financial company offering businesses, individuals and institutional clients a wide range of financial products and services. Our range of products and services includes retirement solutions, life and health insurance, wellness programs, and investment and banking products through our diverse family of financial services companies and national network of financial professionals.

## Important Notes

Bloomberg Barclays Treasury Bellwethers 3 Month Index is composed of public obligations of the U. S. Treasury with a maturity of three months.

Extended Performance Inception Date (Ext. Perf. Inc. Date) - Inception date of the oldest share class of the fund, or underlying fund of the Separate Account.

<sup>^</sup>Unless otherwise stated, all data from Bloomberg

<sup>1</sup>U.S. Treasury Constant Maturity 30-year, 10-year and 2-year yields

<sup>2</sup>Components of Bloomberg Barclays U.S. Aggregate Bond Index, via Barclays Live. Duration-adjusted excess return is a measure the relative performance to that of U.S. Treasuries with a similar duration profile.

This report is not complete unless all pages, as noted below, are included.



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