



T.RowePrice

SEMIANNUAL REPORT

November 30, 2023

PRGMX

T. ROWE PRICE

GNMA Fund

PRXAX

GNMA Fund- I Class

TRZGX

GNMA Fund- Z Class

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Dear Shareholder

Major global stock and bond indexes produced mixed returns during the first half of your fund's fiscal year, the six-month period ended November 30, 2023. Nearly all equity benchmarks finished the period with positive results after a strong rally in November; however, rising U.S. Treasury yields left some fixed income sectors in negative territory.

Within the S&P 500 Index, the financials sector recovered from the failure of three large regional banks earlier in the year and recorded the best results for the period. The information technology sector also delivered strong gains as technology companies benefited from investor enthusiasm for artificial intelligence developments. Outside the U.S., stocks in developed markets generally outpaced their counterparts in emerging markets, although emerging Europe and Latin America produced very strong returns at the regional level.

The U.S. economy was the strongest among the major markets during the period, with gross domestic product growth coming in at 5.2% in the third quarter's revised estimate, the highest since the end of 2021. Corporate fundamentals were also broadly supportive. Although year-over-year earnings growth contracted in the first and second quarters of 2023, results were better than expected, and earnings growth turned positive again in the third quarter.

Inflation remained a concern for both investors and policymakers, but lower-than-expected inflation data in November helped spur a rally late in the period as many investors concluded that the Federal Reserve had reached the end of its hiking cycle. The Fed raised its short-term lending benchmark rate to a target range of 5.25% to 5.50% in July, the highest level since March 2001, and then held rates steady for the remainder of the period.

Despite a drop in yields as investor sentiment shifted in November, intermediate- and longer-term U.S. Treasury yields finished the period notably higher. After starting the period at 3.64%, the yield on the benchmark 10-year Treasury note briefly reached 5.00% in October for the first time since late 2007 before falling to 4.37% by the end of November. The rise in yields led to negative returns in some fixed income sectors, but both investment-grade and high yield corporate bonds produced solid returns, supported by the higher coupons that have become available over the past year as well as by increasing hopes that the economy might be able to avoid a recession.

Global economies and markets showed surprising resilience in 2023, but considerable uncertainty remains as we look ahead. Geopolitical events, the path of monetary policy, and the impact of the Fed's rate hikes on the economy all raise the potential for additional volatility. We believe this environment

makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to help identify securities that can add value to your portfolio over the long term.

You may notice that this report no longer contains the commentary on your fund's performance and positioning that we previously included in the semiannual shareholder letters. The Securities and Exchange Commission adopted new rules recently that will require fund reports to transition to a new format known as a Tailored Shareholder Report. This change will require a much more concise summary of performance rather than the level of detail we have provided historically while also aiming to be more visually engaging. As we prepare to make changes to the annual reports to meet the new regulatory requirements by mid-2024, we felt the time was right to discontinue the optional six-month semiannual fund letter to focus on the changes to come.

Although semiannual fund letters will no longer be produced, you may continue to access current fund information as well as insights and perspectives from our investment team on our personal investing website.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert M. Sharps". The signature is fluid and cursive, with the first name "Robert" and the last name "Sharps" clearly legible.

Robert Sharps
CEO and President

CREDIT QUALITY DIVERSIFICATION

U.S. Government Agency Securities*	107%
Reserves	-7
Total	100%

Based on net assets as of 11/30/23.

Sources: Credit ratings for the securities held in the fund are provided by Moody's, Standard & Poor's, and Fitch and are converted to the Standard & Poor's nomenclature. A rating of AAA represents the highest-rated securities, and a rating of D represents the lowest-rated securities. If the rating agencies differ, the highest rating is applied to the security. If a rating is not available, the security is classified as Not Rated. T. Rowe Price uses the rating of the underlying investment vehicle to determine the creditworthiness of credit default swaps. The fund is not rated by any agency. Securities that have not been rated by any rating agency totaled 0% of the portfolio at the end of the reporting period.

* U.S. government agency securities are issued or guaranteed by a U.S. government agency and may include conventional pass-through securities and collateralized mortgage obligations; unlike Treasuries, government agency securities are not issued directly by the U.S. government and are generally unrated but may have credit support from the U.S. Treasury (e.g., FHLMC and FNMA issues) or a direct government guarantee (e.g., GNMA issues). Therefore, this category may include rated and unrated securities.

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FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Please note that the fund has three share classes: The original share class (Investor Class) charges no distribution and service (12b-1) fee, I Class shares are also available to institutionally oriented clients and impose no 12b-1 or administrative fee payment, and Z Class shares are offered only to funds advised by T. Rowe Price and other advisory clients of T. Rowe Price or its affiliates that are subject to a contractual fee for investment management services and impose no 12b-1 fee or administrative fee payment. Each share class is presented separately in the table.

Actual Expenses

The first line of the following table (Actual) provides information about actual account values and expenses based on the fund's actual returns. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

Note: T. Rowe Price charges an annual account service fee of \$20, generally for accounts with less than \$10,000. The fee is waived for any investor whose T. Rowe Price mutual fund accounts total \$50,000 or more; accounts electing to receive electronic delivery of account statements, transaction confirmations, prospectuses, and shareholder reports; or accounts of an investor who is a T. Rowe Price Personal Services or Enhanced Personal Services client (enrollment in these programs generally requires T. Rowe Price assets of at least \$250,000). This fee is not included in the accompanying table. If you are subject to the fee, keep it in mind when you are estimating the ongoing expenses of investing in the fund and when comparing the expenses of this fund with other funds.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

FUND EXPENSE EXAMPLE (CONTINUED)

GNMA FUND			
	Beginning Account Value 6/1/23	Ending Account Value 11/30/23	Expenses Paid During Period* 6/1/23 to 11/30/23
Investor Class			
Actual	\$1,000.00	\$986.60	\$3.08
Hypothetical (assumes 5% return before expenses)	1,000.00	1,021.90	3.13
I Class			
Actual	1,000.00	986.40	2.04
Hypothetical (assumes 5% return before expenses)	1,000.00	1,022.95	2.07
Z Class			
Actual	1,000.00	989.60	0.00
Hypothetical (assumes 5% return before expenses)	1,000.00	1,025.00	0.00
* Expenses are equal to the fund's annualized expense ratio for the 6-month period, multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (183), and divided by the days in the year (366) to reflect the half-year period. The annualized expense ratio of the Investor Class was 0.62%, the I Class was 0.41%, and the Z Class was 0.00%.			

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Investor Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	5/31/21	5/31/20	5/31/19
NET ASSET VALUE						
Beginning of period	\$ 8.12	\$ 8.55	\$ 9.32	\$ 9.48	\$ 9.10	\$ 8.98
Investment activities						
Net investment income ⁽¹⁾⁽²⁾	0.13	0.22	0.08	0.07	0.19	0.20
Net realized and unrealized gain/loss	(0.24)	(0.44)	(0.77)	(0.16)	0.38	0.17
Total from investment activities	(0.11)	(0.22)	(0.69)	(0.09)	0.57	0.37
Distributions						
Net investment income	(0.13)	(0.21)	(0.08)	(0.07)	(0.19)	(0.25)
NET ASSET VALUE						
End of period	\$ 7.88	\$ 8.12	\$ 8.55	\$ 9.32	\$ 9.48	\$ 9.10

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Investor Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	5/31/21	5/31/20	5/31/19
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Ratios/Supplemental Data

Total return⁽²⁾⁽³⁾	(1.34)%	(2.54)%	(7.44)%	(0.95)%	6.36%	4.22%
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Ratios to average net assets:⁽²⁾

Gross expenses before waivers/payments by Price Associates	0.65% ⁽⁴⁾	0.64%	0.58%	0.58%	0.58%	0.59%
Net expenses after waivers/payments by Price Associates	0.62% ⁽⁴⁾	0.62%	0.58%	0.58%	0.58%	0.59%
Net investment income	3.31% ⁽⁴⁾	2.64%	0.92%	0.70%	2.05%	2.29%

Portfolio turnover rate ⁽⁵⁾	168.0%	648.3%	954.9%	996.6%	853.3%	508.5%
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Portfolio turnover rate, excluding mortgage dollar roll transactions	35.9%	200.3%	291.6%	303.5%	248.6%	69.6%
Net assets, end of period (in millions)	\$247	\$274	\$330	\$655	\$1,218	\$1,288

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

⁽³⁾ Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁴⁾ Annualized

⁽⁵⁾ See Note 4. The portfolio turnover rate calculation includes purchases and sales from the mortgage dollar roll transactions.

The accompanying notes are an integral part of these financial statements.

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

I Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	5/31/21	5/31/20	5/31/19
NET ASSET VALUE						
Beginning of period	\$ 8.12	\$ 8.55	\$ 9.32	\$ 9.48	\$ 9.10	\$ 8.98
Investment activities						
Net investment income ⁽¹⁾⁽²⁾	0.14	0.23	0.13	0.07	0.20	0.21
Net realized and unrealized gain/loss	(0.25)	(0.43)	(0.81)	(0.15)	0.38	0.17
Total from investment activities	(0.11)	(0.20)	(0.68)	(0.08)	0.58	0.38
Distributions						
Net investment income	(0.14)	(0.23)	(0.09)	(0.08)	(0.20)	(0.26)
NET ASSET VALUE						
End of period	\$ 7.87	\$ 8.12	\$ 8.55	\$ 9.32	\$ 9.48	\$ 9.10

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

I Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	5/31/21	5/31/20	5/31/19
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Ratios/Supplemental Data

Total return⁽²⁾⁽³⁾	(1.36)%	(2.33)%	(7.29)%	(0.85)%	6.47%	4.32%
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Ratios to average net assets:⁽²⁾

Gross expenses before waivers/ payments by Price Associates	0.44% ⁽⁴⁾	0.44%	0.42%	0.47%	0.48%	0.49%
Net expenses after waivers/payments by Price Associates	0.41% ⁽⁴⁾	0.41%	0.42%	0.47%	0.48%	0.49%
Net investment income	3.52% ⁽⁴⁾	2.86%	1.48%	0.79%	2.16%	2.39%

Portfolio turnover rate ⁽⁵⁾	168.0%	648.3%	954.9%	996.6%	853.3%	508.5%
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Portfolio turnover rate, excluding mortgage dollar roll transactions	35.9%	200.3%	291.6%	303.5%	248.6%	69.6%
Net assets, end of period (in thousands)	\$154,491	\$168,079	\$191,392	\$33,171	\$26,675	\$25,344

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

⁽³⁾ Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁴⁾ Annualized

⁽⁵⁾ See Note 4. The portfolio turnover rate calculation includes purchases and sales from the mortgage dollar roll transactions.

The accompanying notes are an integral part of these financial statements.

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Z Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	2/22/21 ⁽¹⁾ Through 5/31/21
NET ASSET VALUE				
Beginning of period	\$ 8.12	\$ 8.55	\$ 9.32	\$ 9.41
Investment activities				
Net investment income ⁽²⁾⁽³⁾	0.15	0.27	0.14	0.02
Net realized and unrealized gain/loss	(0.24)	(0.44)	(0.78)	(0.09)
Total from investment activities	(0.09)	(0.17)	(0.64)	(0.07)
Distributions				
Net investment income	(0.15)	(0.26)	(0.13)	(0.02)
NET ASSET VALUE				
End of period	\$ 7.88	\$ 8.12	\$ 8.55	\$ 9.32

T. ROWE PRICE GNMA FUND

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Z Class

	6 Months Ended 11/30/23	Year Ended 5/31/23	5/31/22	2/22/21 ⁽¹⁾ Through 5/31/21
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Ratios/Supplemental Data

Total return⁽³⁾⁽⁴⁾	(1.04)%	(1.93)%	(6.89)%	(0.72)%
Ratios to average net assets: ⁽³⁾				
Gross expenses before waivers/payments by Price Associates	0.40% ⁽⁵⁾	0.40%	0.41%	0.47% ⁽⁵⁾
Net expenses after waivers/payments by Price Associates	0.00% ⁽⁵⁾	0.00%	0.00%	0.00% ⁽⁵⁾
Net investment income	3.94% ⁽⁵⁾	3.30%	1.58%	0.96% ⁽⁵⁾
Portfolio turnover rate ⁽⁶⁾	168.0%	648.3%	954.9%	996.6%
Portfolio turnover rate, excluding mortgage dollar roll transactions	35.9%	200.3%	291.6%	303.5%
Net assets, end of period (in thousands)	\$610,266	\$560,127	\$483,259	\$471,146

⁽¹⁾ Inception date

⁽²⁾ Per share amounts calculated using average shares outstanding method.

⁽³⁾ See Note 6 for details of expense-related arrangements with Price Associates.

⁽⁴⁾ Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁵⁾ Annualized

⁽⁶⁾ See Note 4. The portfolio turnover rate calculation includes purchases and sales from the mortgage dollar roll transactions.

The accompanying notes are an integral part of these financial statements.

T. ROWE PRICE GNMA FUND

November 30, 2023 (Unaudited)

PORTFOLIO OF INVESTMENTS†

Par/Shares

\$ Value

(Amounts in 000s)

NON-U.S. GOVERNMENT MORTGAGE-BACKED SECURITIES 0.2%

Whole Loans Backed 0.2%

Angel Oak Mortgage Trust Series 2023-3, Class A1, CMO, STEP 4.80%, 9/26/67 (1)	962	920
Progress Residential Trust Series 2023-SFR2, Class A 4.50%, 10/17/28 (1)	525	492
Vista Point Securitization Trust Series 2020-1, Class A2, CMO, ARM 2.77%, 3/25/65 (1)	661	654
Total Non-U.S. Government Mortgage-Backed Securities (Cost \$2,065)		2,066

U.S. GOVERNMENT & AGENCY MORTGAGE-BACKED SECURITIES 107.3%

U.S. Government Agency Obligations 4.7%

Federal Home Loan Mortgage 6.50%, 8/1/36	15	15
7.00%, 11/1/30 - 4/1/32	243	254
Federal Home Loan Mortgage, UMBS 5.00%, 10/1/51 - 3/1/53	6,454	6,219
Federal National Mortgage Assn. 3.50%, 7/1/48 - 11/1/48	985	885
Federal National Mortgage Assn., ARM, RFUCCT1Y + 1.579%, 5.546%, 11/1/35	3	3
Federal National Mortgage Assn., CMO, 5.50%, 12/25/36	531	529
Federal National Mortgage Assn., CMO, IO, 3.00%, 2/25/28	2,613	97
Federal National Mortgage Assn., UMBS 2.50%, 3/1/42	5,691	4,820
3.50%, 5/1/50	1,281	1,143
5.00%, 10/1/51	1,485	1,433
5.50%, 10/1/53	4,991	4,921
6.00%, 8/1/53	9,965	10,009
6.50%, 11/1/53	4,730	4,805
UMBS, TBA (2) 1.50%, 12/1/38	1,457	1,236
2.00%, 12/1/38 - 12/1/53	3,294	2,740
2.50%, 12/1/53	2,686	2,174
3.00%, 12/1/53	4,600	3,877
3.50%, 12/1/53	986	865
4.00%, 12/1/53	151	137
5.50%, 12/1/53	653	643

T. ROWE PRICE GNMA FUND

	Par/Shares	\$ Value
(Amounts in 000s)		
6.00%, 12/1/53	1,056	1,059
6.50%, 12/1/53	195	198
		48,062
U.S. Government Obligations 102.6%		
Government National Mortgage Assn.		
1.50%, 3/20/36 - 4/20/52	47,947	38,911
2.00%, 11/20/50 - 12/20/52	199,791	161,318
2.50%, 8/20/50 - 9/20/52	225,367	188,104
3.00%, 11/20/26 - 10/20/51	173,151	150,812
3.50%, 1/20/27 - 5/20/51	111,104	100,578
4.00%, 3/20/39 - 10/20/50	74,027	69,489
4.50%, 5/20/30 - 4/20/53	61,287	58,763
5.00%, 5/15/33 - 7/20/53	42,444	41,868
5.50%, 5/20/31 - 6/20/53	42,323	42,535
6.00%, 6/20/31 - 12/20/52	20,976	21,272
6.50%, 12/15/23 - 11/20/52	7,513	7,698
7.00%, 1/20/28 - 9/20/53	2,289	2,354
7.50%, 9/15/25 - 6/15/32	384	387
8.00%, 10/20/24 - 3/15/30	182	183
9.00%, 8/15/24 - 3/20/25	2	2
9.50%, 9/15/24 - 12/15/24	1	1
Government National Mortgage Assn., CMO		
3.00%, 2/20/46 - 11/20/47	3,033	2,310
3.50%, 6/20/47 - 10/20/50	6,602	5,538
Government National Mortgage Assn., CMO, ARM		
SOFR30A + 0.45%, 5.775%, 9/20/52	4,719	4,528
SOFR30A + 0.75%, 6.075%, 1/20/53	7,749	7,593
Government National Mortgage Assn., CMO, ARM, IO, 2.668%, 2/16/51		
	5,830	563
Government National Mortgage Assn., CMO, IO		
3.00%, 2/20/46 - 1/20/50	4,311	562
3.50%, 8/20/29 - 2/16/51	21,655	2,526
4.00%, 10/20/42 - 6/20/49	18,038	2,962
4.50%, 4/20/39 - 6/20/49	7,456	892
Government National Mortgage Assn., TBA (2)		
2.00%, 12/20/53	22,227	17,933
2.50%, 12/20/53	5,635	4,703
3.00%, 12/20/53	17,306	14,969
3.50%, 12/20/53	20,717	18,517
4.00%, 12/20/53	3,869	3,564
4.50%, 12/20/53	15,495	14,653
5.00%, 12/20/53	22,805	22,151
5.50%, 12/20/53	13,810	13,708
6.00%, 12/20/53	9,005	9,070
6.50%, 12/20/53	5,120	5,207

	Par/Shares	\$ Value
(Amounts in 000s)		
7.00%, 12/20/53	2,100	2,154
		1,038,378
Total U.S. Government & Agency Mortgage-Backed Securities (Cost \$1,191,624)		1,086,440
SHORT-TERM INVESTMENTS 5.4%		
Money Market Funds 5.4%		
T. Rowe Price Government Reserve Fund, 5.42% (3)(4)	54,652	54,652
Total Short-Term Investments (Cost \$54,652)		54,652
Total Investments in Securities 112.9% of Net Assets (Cost \$1,248,341)		\$ 1,143,158

‡ Par/Shares and Notional Amount are denominated in U.S. dollars unless otherwise noted.

- (1) Security was purchased pursuant to Rule 144A under the Securities Act of 1933 and may be resold in transactions exempt from registration only to qualified institutional buyers. Total value of such securities at period-end amounts to \$2,066 and represents 0.2% of net assets.
- (2) See Note 4. To-Be-Announced purchase commitment. Total value of such securities at period-end amounts to \$139,558 and represents 13.8% of net assets.
- (3) Seven-day yield
- (4) Affiliated Companies

ARM Adjustable Rate Mortgage (ARM); rate shown is effective rate at period-end. The rates for certain ARMs are not based on a published reference rate and spread but may be determined using a formula based on the rates of the underlying loans.

CMO Collateralized Mortgage Obligation

IO Interest-only security for which the fund receives interest on notional principal

RFUCCT1Y Twelve month Refinitiv USD IBOR Consumer Cash Fallback

SOFR30A 30-day Average SOFR (Secured overnight financing rate)

STEP Stepped coupon bond for which the coupon rate of interest adjusts on specified date(s); rate shown is effective rate at period-end.

TBA To-Be-Announced

UMBS Uniform Mortgage-Backed Securities

	Par	\$ Value
(Amounts in 000s)		
TBA SALES COMMITMENTS (1.0)%		
U.S. GOVERNMENT & AGENCY MORTGAGE-BACKED SECURITIES (1.0)%		
U.S. Government Agency Obligations (0.3)%		
UMBS, TBA		
3.50%, 12/1/38	1,928	(1,817)
4.50%, 12/1/53	1,983	(1,857)
		(3,674)
U.S. Government Obligations (0.7)%		
Government National Mortgage Assn., TBA		
4.00%, 12/20/53	6,134	(5,650)
4.50%, 12/20/53	1,340	(1,267)
		(6,917)
Total TBA Sales Commitments (Proceeds \$(10,479))		(10,591)

FUTURES CONTRACTS

(\$000s)

	Expiration Date	Notional Amount		Value and Unrealized Gain (Loss)
Long, 303 U.S. Treasury Notes five year contracts	3/24	32,376	\$	236
Short, 147 Ultra U.S. Treasury Bonds contracts	3/24	(18,081)		(342)
Short, 150 Ultra U.S. Treasury Notes ten year contracts	3/24	(17,027)		(94)
Net payments (receipts) of variation margin to date				390
Variation margin receivable (payable) on open futures contracts			\$	190

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended November 30, 2023. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

Affiliate	Net Realized Gain (Loss)	Change in Net Unrealized Gain/Loss	Investment Income
T. Rowe Price Government Reserve Fund, 5.42% \$	-# \$	- \$	2,413+

Supplementary Investment Schedule

Affiliate	Value 05/31/23	Purchase Cost	Sales Cost	Value 11/30/23
T. Rowe Price Government Reserve Fund, 5.42%	\$ 99,070	□	□ \$	54,652^

- # Capital gain distributions from underlying Price funds represented \$0 of the net realized gain (loss).
- + Investment income comprised \$2,413 of dividend income and \$0 of interest income.
- Purchase and sale information not shown for cash management funds.
- ^ The cost basis of investments in affiliated companies was \$54,652.

T. ROWE PRICE GNMA FUND

November 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets

Investments in securities, at value (cost \$1,248,341)	\$ 1,143,158
Receivable for investment securities sold	69,979
Interest receivable	3,331
Cash deposits on futures contracts	1,041
Variation margin receivable on futures contracts	190
Due from affiliates	104
Receivable for shares sold	68
Other assets	38
Total assets	<u>1,217,909</u>

Liabilities

Payable for investment securities purchased	194,323
TBA Sales Commitments (proceeds \$10,479)	10,591
Payable for shares redeemed	370
Investment management fees payable	291
Payable to directors	1
Other liabilities	223
Total liabilities	<u>205,799</u>

NET ASSETS

\$ 1,012,110

T. ROWE PRICE GNMA FUND

November 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Net Assets Consist of:

Total distributable earnings (loss)	\$ (235,768)
Paid-in capital applicable to 128,501,053 no par value shares of beneficial interest outstanding; 1,000,000,000 shares authorized	1,247,878

NET ASSETS **\$ 1,012,110**

NET ASSET VALUE PER SHARE

Investor Class

(Net assets: \$247,353; Shares outstanding: 31,403,893) **\$ 7.88**

I Class

(Net assets: \$154,491; Shares outstanding: 19,624,847) **\$ 7.87**

Z Class

(Net assets: \$610,266; Shares outstanding: 77,472,313) **\$ 7.88**

The accompanying notes are an integral part of these financial statements.

T. ROWE PRICE GNMA FUND

(Unaudited)

STATEMENT OF OPERATIONS

(\$000s)

		6 Months Ended 11/30/23
Investment Income (Loss)		
Income		
Interest	\$	16,712
Dividend		2,413
Total income		19,125
Expenses		
Investment management		1,731
Shareholder servicing		
Investor Class	\$	312
I Class		33
Prospectus and shareholder reports		345
Investor Class		20
I Class		1
Z Class		2
Custody and accounting		121
Registration		29
Legal and audit		19
Proxy and annual meeting		9
Directors		2
Miscellaneous		19
Waived / paid by Price Associates		(1,171)
Total expenses		1,127
Net investment income		17,998

T. ROWE PRICE GNMA FUND

(Unaudited)

STATEMENT OF OPERATIONS

(\$000s)

	6 Months Ended 11/30/23
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	(14,890)
Futures	1,126
Securities sold short	809
Net realized loss	<u>(12,955)</u>
Change in net unrealized gain / loss	
Securities	(15,749)
Futures	489
TBA Sales Commitments	(218)
Change in net unrealized gain / loss	<u>(15,478)</u>
Net realized and unrealized gain / loss	<u>(28,433)</u>
DECREASE IN NET ASSETS FROM OPERATIONS	<u>\$ (10,435)</u>

The accompanying notes are an integral part of these financial statements.

T. ROWE PRICE GNMA FUND

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

	6 Months Ended 11/30/23	Year Ended 5/31/23
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 17,998	\$ 29,546
Net realized loss	(12,955)	(13,522)
Change in net unrealized gain / loss	(15,478)	(33,854)
Decrease in net assets from operations	(10,435)	(17,830)
Distributions to shareholders		
Net earnings		
Investor Class	(4,222)	(7,539)
I Class	(2,772)	(4,962)
Z Class	(10,926)	(16,400)
Decrease in net assets from distributions	(17,920)	(28,901)
Capital share transactions [†]		
Shares sold		
Investor Class	5,317	26,290
I Class	3,340	12,528
Z Class	72,425	116,421
Distributions reinvested		
Investor Class	3,922	6,960
I Class	2,447	4,381
Z Class	10,926	16,400
Shares redeemed		
Investor Class	(27,333)	(72,701)
I Class	(14,269)	(30,560)
Z Class	(18,263)	(35,362)
Increase in net assets from capital share transactions	38,512	44,357

T. ROWE PRICE GNMA FUND

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

	6 Months Ended 11/30/23	Year Ended 5/31/23
Net Assets		
Increase (decrease) during period	10,157	(2,374)
Beginning of period	1,001,953	1,004,327
End of period	\$ 1,012,110	\$ 1,001,953
*Share information (000s)		
Shares sold		
Investor Class	678	3,202
I Class	423	1,526
Z Class	9,475	14,749
Distributions reinvested		
Investor Class	499	853
I Class	312	537
Z Class	1,391	2,010
Shares redeemed		
Investor Class	(3,467)	(8,900)
I Class	(1,809)	(3,748)
Z Class	(2,335)	(4,312)
Increase in shares outstanding	5,167	5,917

The accompanying notes are an integral part of these financial statements.

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price GNMA Fund, Inc. (the fund) is registered under the Investment Company Act of 1940 (the 1940 Act) as a diversified, open-end management investment company. The fund seeks high current income consistent with high overall credit quality and moderate price fluctuation by investing at least 80% of its total assets in Government National Mortgage Association securities backed by the full faith and credit of the U.S. government. The fund has three classes of shares: the GNMA Fund (Investor Class), the GNMA Fund–I Class (I Class) and the GNMA Fund–Z Class (Z Class). I Class shares require a \$500,000 initial investment minimum, although the minimum generally is waived or reduced for financial intermediaries, eligible retirement plans, and certain other accounts. The Z Class is only available to funds advised by T. Rowe Price Associates, Inc. and its affiliates and other clients that are subject to a contractual fee for investment management services. Each class has exclusive voting rights on matters related solely to that class; separate voting rights on matters that relate to all classes; and, in all other respects, the same rights and obligations as the other classes.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Premiums and discounts on debt securities are amortized for financial reporting purposes. Paydown gains and losses are recorded as an adjustment to interest income. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from other investment companies are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions are recorded on the ex-dividend

date. Non-cash dividends, if any, are recorded at the fair market value of the asset received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared by each class daily and paid monthly. A capital gain distribution, if any, may also be declared and paid by the fund annually.

Class Accounting Shareholder servicing, prospectus, and shareholder report expenses incurred by each class are charged directly to the class to which they relate. Expenses common to all classes and investment income are allocated to the classes based upon the relative daily net assets of each class's settled shares; realized and unrealized gains and losses are allocated based upon the relative daily net assets of each class's outstanding shares.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

New Accounting Guidance The FASB issued Accounting Standards Update (ASU), ASU 2020-04, Reference Rate Reform (Topic 848) – Facilitation of the Effects of Reference Rate Reform on Financial Reporting in March 2020 and ASU 2021-01 in January 2021 which provided further amendments and clarifications to Topic 848. These ASUs provide optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the planned discontinuation of the London Interbank Offered Rate (LIBOR), and other interbank-offered based reference rates, through December 31, 2022. In December 2022, FASB issued ASU 2022-06 which defers the sunset date of Topic 848 from December 31, 2022 to December 31, 2024, after which entities will no longer be permitted to apply the relief in Topic 848. Management intends to rely upon the relief provided under Topic 848, which is not expected to have a material impact on the fund's financial statements.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fund's Board of Directors (the Board) has designated T. Rowe Price Associates, Inc. as the fund's valuation designee (Valuation Designee). Subject to oversight by the Board, the Valuation Designee performs the following functions in performing fair value determinations: assesses and manages valuation risks; establishes and applies fair value methodologies; tests fair value methodologies; and evaluates pricing vendors and pricing agents. The duties and responsibilities of the Valuation Designee are performed by its Valuation Committee. The Valuation Designee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

- Level 1 – quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date
- Level 2 – inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 – unobservable inputs (including the Valuation Designee's assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Debt securities generally are traded in the over-the-counter (OTC) market and are valued at prices furnished by independent pricing services or by broker dealers who make markets in such securities. When valuing securities, the independent pricing services consider factors such as, but not limited to, the yield or price of bonds of comparable quality, coupon, maturity, and type, as well as prices quoted by dealers who make markets in such securities.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Futures contracts are valued at closing settlement prices. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Designee. The Valuation Designee has adopted methodologies for determining the fair value of investments for which market quotations are not readily available or deemed unreliable, including the use of other pricing sources. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Designee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Designee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions. Fair value prices determined by the Valuation Designee could differ from those of other market participants, and it is possible that the fair value determined for a security may be materially different from the value that could be realized upon the sale of that security.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on November 30, 2023 (for further detail by category, please refer to the accompanying Portfolio of Investments):

(\$000s)	Level 1	Level 2	Level 3	Total Value
Assets				
Fixed Income Securities ¹	\$ —	\$ 1,088,506	\$ —	\$ 1,088,506
Short-Term Investments	54,652	—	—	54,652
Total Securities	54,652	1,088,506	—	1,143,158
Futures Contracts*	236	—	—	236
Total	\$ 54,888	\$ 1,088,506	\$ —	\$ 1,143,394
Liabilities				
TBA Sales Commitments	\$ —	\$ 10,591	\$ —	\$ 10,591
Futures Contracts*	436	—	—	436
Total	\$ 436	\$ 10,591	\$ —	\$ 11,027

¹ Includes Non-U.S. Government Mortgage-Backed Securities and U.S. Government & Agency Mortgage-Backed Securities.

* The fair value presented includes cumulative gain (loss) on open futures contracts; however, the net value reflected on the accompanying Portfolio of Investments is only the unsettled variation margin receivable (payable) at that date.

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended November 30, 2023, the fund invested in derivative instruments. As defined by GAAP, a derivative is a financial instrument whose value is derived from an underlying security price, foreign exchange rate, interest rate, index of prices or rates, or other variable; it requires little or no initial investment and permits or requires net settlement. The fund invests in derivatives only if the expected risks and rewards are consistent with its investment objectives, policies, and overall risk profile, as described in its prospectus and Statement of Additional Information. The fund may use derivatives for a variety of purposes and may use them to establish both long and short positions within the fund's portfolio. Potential uses include to hedge against declines in principal value, increase yield, invest in an asset with greater efficiency and at a lower cost than is possible through direct investment, to enhance return, or to adjust

portfolio duration and credit exposure. The risks associated with the use of derivatives are different from, and potentially much greater than, the risks associated with investing directly in the instruments on which the derivatives are based.

The fund values its derivatives at fair value and recognizes changes in fair value currently in its results of operations. Accordingly, the fund does not follow hedge accounting, even for derivatives employed as economic hedges. Generally, the fund accounts for its derivatives on a gross basis. It does not offset the fair value of derivative liabilities against the fair value of derivative assets on its financial statements, nor does it offset the fair value of derivative instruments against the right to reclaim or obligation to return collateral. The following table summarizes the fair value of the fund's derivative instruments held as of November 30, 2023, and the related location on the accompanying Statement of Assets and Liabilities, presented by primary underlying risk exposure:

(\$000s)	Location on Statement of Assets and Liabilities	Fair Value*
Assets		
Interest rate derivatives	Futures	\$ 236
Total		\$ 236
Liabilities		
Interest rate derivatives	Futures	\$ 436
Total		\$ 436

* The fair value presented includes cumulative gain (loss) on open futures contracts; however, the value reflected on the accompanying Statement of Assets and Liabilities is only the unsettled variation margin receivable (payable) at that date.

Additionally, the amount of gains and losses on derivative instruments recognized in fund earnings during the six months ended November 30, 2023, and the related location on the accompanying Statement of Operations is summarized in the following table by primary underlying risk exposure:

(\$000s)	Location of Gain (Loss) on Statement of Operations	Futures
Realized Gain (Loss)		
Interest rate derivatives		\$ 1,126
Total		\$ 1,126
Change in Unrealized Gain (Loss)		
Interest rate derivatives		\$ 489
Total		\$ 489

Counterparty Risk and Collateral The fund invests in exchange-traded and/or centrally cleared derivative contracts, such as futures, exchange-traded options, and centrally cleared swaps. Counterparty risk on such derivatives is minimal because the clearinghouse provides protection against counterparty defaults. For futures and centrally cleared swaps, the fund is required to deposit collateral in an amount specified by the clearinghouse and the clearing firm (margin requirement), and the margin requirement must be maintained over the life of the contract. Each clearinghouse and clearing firm, in its sole discretion, may adjust the margin requirements applicable to the fund.

Collateral may be in the form of cash or debt securities issued by the U.S. government or related agencies. Cash posted by the fund is reflected as cash deposits in the accompanying financial statements and generally is restricted from withdrawal by the fund; securities posted by the fund are so noted in the accompanying Portfolio of Investments; both remain in the fund's assets. While typically not sold in the same manner as equity or fixed income securities, exchange-traded or centrally cleared derivatives may be closed out only on the exchange or clearinghouse where the contracts were cleared. This ability is subject to the liquidity of underlying positions. As of November 30, 2023, cash of \$1,041,000 had been posted by the fund for exchange-traded and/or centrally cleared derivatives.

Futures Contracts The fund is subject to interest rate risk in the normal course of pursuing its investment objectives and uses futures contracts to help manage such risk. The fund may enter into futures contracts to manage exposure to interest rate and yield curve movements, security prices, foreign currencies, credit quality, and mortgage prepayments; as an efficient means of adjusting exposure to all or part of a target market; to enhance income; as a cash management tool; or to adjust portfolio duration and credit exposure. A futures contract provides for the future sale by one party and purchase by another of a specified amount of a specific underlying financial instrument at an agreed-upon price, date, time, and place. The fund currently invests only in exchange-traded futures, which generally are standardized as to maturity date, underlying financial instrument, and other contract terms. Payments are made or received by the fund each day to settle daily fluctuations in the value of the contract (variation margin), which reflect changes in the value of the underlying financial instrument. Variation margin is recorded as unrealized gain or loss until the contract is closed. The value of a futures contract included in net assets is the amount of unsettled variation margin; net variation margin receivable is reflected as an asset and net variation margin payable is reflected as a liability on the accompanying Statement of Assets and Liabilities. When a contract is closed, a realized gain or loss is recorded on the accompanying Statement of Operations. Risks related to the use of futures contracts include possible illiquidity of the futures markets, contract prices that can be highly volatile and imperfectly correlated to movements in hedged security values and/or interest rates, and potential losses in excess of the fund's initial investment. During the six months ended November 30, 2023, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between 5% and 13% of net assets.

NOTE 4 - OTHER INVESTMENT TRANSACTIONS

Consistent with its investment objective, the fund engages in the following practices to manage exposure to certain risks and/or to enhance performance. The investment objective, policies, program, and risk factors of the fund are described more fully in the fund's prospectus and Statement of Additional Information.

Restricted Securities The fund invests in securities that are subject to legal or contractual restrictions on resale. Prompt sale of such securities at an acceptable price may be difficult and may involve substantial delays and additional costs.

Mortgage-Backed Securities The fund invests in mortgage-backed securities (MBS or pass-through certificates) that represent an interest in a pool of specific underlying mortgage loans and entitle the fund to the periodic payments of principal and interest from those mortgages. MBS may be issued by government agencies or corporations,

or private issuers. Most MBS issued by government agencies are guaranteed; however, the degree of protection differs based on the issuer. The fund also invests in stripped MBS, created when a traditional MBS is split into an interest-only (IO) and a principal-only (PO) strip. MBS, including IOs and POs, are sensitive to changes in economic conditions that affect the rate of prepayments and defaults on the underlying mortgages; accordingly, the value, income, and related cash flows from MBS may be more volatile than other debt instruments. IOs also risk loss of invested principal from faster-than-anticipated prepayments.

TBA Purchase, Sale Commitments and Forward Settling Mortgage Obligations The fund enters into to-be-announced (TBA) purchase or sale commitments (collectively, TBA transactions), pursuant to which it agrees to purchase or sell, respectively, mortgage-backed securities for a fixed unit price, with payment and delivery at a scheduled future date beyond the customary settlement period for such securities. With TBA transactions, the particular securities to be received or delivered by the fund are not identified at the trade date; however, the securities must meet specified terms, including rate and mortgage term, and be within industry-accepted “good delivery” standards. The fund may enter into TBA transactions with the intention of taking possession of or relinquishing the underlying securities, may elect to extend the settlement by “rolling” the transaction, and/or may use TBA transactions to gain or reduce interim exposure to underlying securities.

To mitigate counterparty risk, the fund has entered into Master Securities Forward Transaction Agreements (MSFTA) with counterparties that provide for collateral and the right to offset amounts due to or from those counterparties under specified conditions. Subject to minimum transfer amounts, collateral requirements are determined and transfers made based on the net aggregate unrealized gain or loss on all TBA commitments and other forward settling mortgage obligations with a particular counterparty (collectively, MSFTA Transactions). At any time, the fund’s risk of loss from a particular counterparty related to its MSFTA Transactions is the aggregate unrealized gain on appreciated MSFTA Transactions in excess of unrealized loss on depreciated MSFTA Transactions and collateral received, if any, from such counterparty. As of November 30, 2023, no collateral had been posted by the fund to counterparties for MSFTA Transactions. Collateral pledged by counterparties to the fund for MSFTA Transactions consisted of \$2,591,000 cash and securities valued at \$844,000 as of November 30, 2023.

Dollar Rolls The fund enters into dollar roll transactions, pursuant to which it sells a mortgage-backed TBA or security and simultaneously agrees to purchase a similar, but not identical, TBA with the same issuer, rate, and terms on a later date at a set price from the same counterparty. The fund may execute a “roll” to obtain better underlying

mortgage securities or to enhance returns. While the fund may enter into dollar roll transactions with the intention of taking possession of the underlying mortgage securities, it may also close a contract prior to settlement or “roll” settlement to a later date if deemed to be in the best interest of shareholders. Actual mortgages received by the fund may be less favorable than those anticipated. The fund accounts for dollar roll transactions as purchases and sales, which has the effect of increasing its portfolio turnover rate.

Other Purchases and sales of portfolio securities other than short-term and U.S. government securities aggregated \$1,439,000 and \$1,826,000, respectively, for the six months ended November 30, 2023. Purchases and sales of U.S. government securities aggregated \$1,812,165,000 and \$1,753,175,000, respectively, for the six months ended November 30, 2023.

NOTE 5 - FEDERAL INCOME TAXES

Generally, no provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report.

The fund intends to retain realized gains to the extent of available capital loss carryforwards. Net realized capital losses may be carried forward indefinitely to offset future realized capital gains. As of May 31, 2023, the fund had \$119,512,000 of available capital loss carryforwards.

At November 30, 2023, the cost of investments (including derivatives, if any) for federal income tax purposes was \$1,238,201,000. Net unrealized loss aggregated \$105,834,000 at period-end, of which \$5,302,000 related to appreciated investments and \$111,136,000 related to depreciated investments.

NOTE 6 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). The investment management agreement between the fund and Price Associates provides for an annual investment management fee, which is computed daily and paid monthly. The fee consists of an individual fund fee, equal to 0.07% of the fund's average daily net assets, and a group fee. The group fee rate is calculated based on the combined net assets of certain mutual funds sponsored by Price Associates (the group) applied to a graduated fee schedule, with rates ranging from 0.48% for the first \$1 billion of assets to 0.260% for assets in excess of \$845 billion. The fund's group fee is determined by applying the group fee rate to the fund's average daily net assets. At November 30, 2023, the effective annual group fee rate was 0.29%.

The Investor Class is subject to a contractual expense limitation through the expense limitation date indicated in the table below. During the limitation period, Price Associates is required to waive its management fee or pay any expenses (excluding interest; expenses related to borrowings, taxes, and brokerage; non-recurring, extraordinary expenses; and acquired fund fees and expenses) that would otherwise cause the class's ratio of annualized total expenses to average net assets (net expense ratio) to exceed its expense limitation. The class is required to repay Price Associates for expenses previously waived/paid to the extent the class's net assets grow or expenses decline sufficiently to allow repayment without causing the class's net expense ratio (after the repayment is taken into account) to exceed the lesser of: (1) the expense limitation in place at the time such amounts were waived; or (2) the class's current expense limitation. However, no repayment will be made more than three years after the date of a payment or waiver.

The I Class is also subject to an operating expense limitation (I Class Limit) pursuant to which Price Associates is contractually required to pay all operating expenses of the I Class, excluding management fees; interest; expenses related to borrowings, taxes, and brokerage; non-recurring, extraordinary expenses; and acquired fund fees and expenses, to the extent such operating expenses, on an annualized basis, exceed the I Class Limit. This agreement will continue through the expense limitation date indicated in the table below, and may be renewed, revised, or revoked only with approval of the fund's Board. The I Class is required to repay Price Associates for expenses previously paid to the extent the class's net assets grow or expenses decline sufficiently to allow repayment without causing the class's operating expenses (after the repayment is taken into account) to exceed the lesser of: (1) the I Class Limit in place at the time such amounts were paid; or (2) the current I Class Limit. However, no repayment will be made more than three years after the date of a payment or waiver.

The Z Class is also subject to a contractual expense limitation agreement whereby Price Associates has agreed to waive and/or bear all of the Z Class' expenses (excluding interest; expenses related to borrowings, taxes, and brokerage; non-recurring, extraordinary expenses; and acquired fund fees and expenses) in their entirety. This fee waiver and/or expense reimbursement arrangement is expected to remain in place indefinitely, and the agreement may only be amended or terminated with approval by the fund's Board. Expenses of the fund waived/paid by the manager are not subject to later repayment by the fund.

Pursuant to these agreements, expenses were waived/paid by and/or repaid to Price Associates during the six months ended November 30, 2023 as indicated in the table below. Including these amounts, expenses previously waived/paid by Price Associates in the amount of \$194,000 remain subject to repayment by the fund at November 30, 2023. Any repayment of expenses previously waived/paid by Price Associates during the period would be included in the net investment income and expense ratios presented on the accompanying Financial Highlights.

	Investor Class	I Class	Z Class
Expense limitation/I Class Limit	0.62%	0.05%	0.00%
Expense limitation date	09/30/25	09/30/25	N/A
(Waived)/repaid during the period (\$000s)	\$(43)	\$(26)	\$(1,102)

In addition, the fund has entered into service agreements with Price Associates and two wholly owned subsidiaries of Price Associates, each an affiliate of the fund (collectively, Price). Price Associates provides certain accounting and administrative services to the fund. T. Rowe Price Services, Inc. provides shareholder and administrative services in its capacity as the fund's transfer and dividend-disbursing agent. T. Rowe Price Retirement Plan Services, Inc. provides subaccounting and recordkeeping services for certain retirement accounts invested in the Investor Class. For the six months ended November 30, 2023, expenses incurred pursuant to these service agreements were \$55,000 for Price Associates; \$258,000 for T. Rowe Price Services, Inc.; and \$11,000 for T. Rowe Price Retirement Plan Services, Inc. All amounts due to and due from Price, exclusive of investment management fees payable, are presented net on the accompanying Statement of Assets and Liabilities.

T. Rowe Price Investment Services, Inc. (Investment Services) serves as distributor to the fund. Pursuant to an underwriting agreement, no compensation for any distribution services provided is paid to Investment Services by the fund (except for 12b-1 fees under a Board-approved Rule 12b-1 plan).

Mutual funds, trusts, and other accounts managed by Price Associates or its affiliates (collectively, Price Funds and accounts) may invest in the fund. No Price fund or account may invest for the purpose of exercising management or control over the fund. At November 30, 2023, 100% of the Z Class's outstanding shares were held by Price Funds and accounts.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds (together, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund. The Price Reserve Funds pay no investment management fees.

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended November 30, 2023, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

NOTE 7 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war and conflict, terrorism, geopolitical events, and public health epidemics and similar public health threats may significantly affect the economy and the markets and issuers in which the fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks.

The global outbreak of COVID-19 and the related governmental and public responses have led and may continue to lead to increased market volatility and the potential for illiquidity in certain classes of securities and sectors of the market either in specific countries or worldwide.

In February 2022, Russian forces entered Ukraine and commenced an armed conflict, leading to economic sanctions imposed on Russia that target certain of its citizens and issuers and sectors of the Russian economy, creating impacts on Russian-related stocks and debt and greater volatility in global markets.

In March 2023, the banking industry experienced heightened volatility, which sparked concerns of potential broader adverse market conditions. The extent of impact of these events on the US and global markets is highly uncertain.

These are recent examples of global events which may have a negative impact on the values of certain portfolio holdings or the fund's overall performance. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

<https://www.troweprice.com/corporate/us/en/utility/policies.html>

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

RESULTS OF PROXY VOTING

A Special Meeting of Shareholders was held on July 24, 2023 for shareholders of record on April 7, 2023, to elect the following director-nominees to serve on the Board of all Price Funds. The newly elected Directors took office effective July 24, 2023.

The results of the voting were as follows:

	Votes For	Votes Withheld
Melody Bianchetto	98,471,006	1,088,371
Mark J. Parrell	98,150,177	1,388,138
Kellye L. Walker	98,476,887	1,084,119
Eric L. Veiel	97,946,770	1,585,476

Teresa Bryce Bazemore, Bruce W. Duncan, Robert J. Gerrard, Jr., Paul F. McBride and David Oestreicher continue to serve as Directors on the Board of all Price Funds.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on troweprice.com.

TAILORED SHAREHOLDER REPORTS FOR MUTUAL FUNDS AND EXCHANGE TRADED FUNDS

In October 2022, the Securities and Exchange Commission (SEC) adopted rule and form amendments requiring Mutual Funds and Exchange-Traded Funds to transmit concise and visually engaging streamlined annual and semiannual reports that highlight key information to shareholders. Other information, including financial statements, will no longer appear in the funds' shareholder reports but will be available online, delivered free of charge upon request, and filed on a semiannual basis on Form N-CSR. The rule and form amendments have a compliance date of July 24, 2024.

LIQUIDITY RISK MANAGEMENT PROGRAM

In accordance with Rule 22e-4 (Liquidity Rule) under the Investment Company Act of 1940, as amended, the fund has established a liquidity risk management program (Liquidity Program) reasonably designed to assess and manage the fund's liquidity risk, which generally represents the risk that the fund would not be able to meet redemption requests without significant dilution of remaining investors' interests in the fund. The fund's Board of Directors (Board) has appointed the fund's investment adviser, T. Rowe Price Associates, Inc. (Adviser), as the administrator of the Liquidity Program. As administrator, the Adviser is responsible for overseeing the day-to-day operations of the Liquidity Program and, among other things, is responsible for assessing, managing, and reviewing with the Board at least annually the liquidity risk of each T. Rowe Price fund. The Adviser has delegated oversight of the Liquidity Program to a Liquidity Risk Committee (LRC), which is a cross-functional committee composed of personnel from multiple departments within the Adviser.

The Liquidity Program's principal objectives include supporting the T. Rowe Price funds' compliance with limits on investments in illiquid assets and mitigating the risk that the fund will be unable to timely meet its redemption obligations. The Liquidity Program also includes a number of elements that support the management and assessment of liquidity risk, including an annual assessment of factors that influence the fund's liquidity and the periodic classification and reclassification of a fund's investments into categories that reflect the LRC's assessment of their relative liquidity under current market conditions. Under the Liquidity Program, every investment held by the fund is classified at least monthly into one of four liquidity categories based on estimations of the investment's ability to be sold during designated time frames in current market conditions without significantly changing the investment's market value.

As required by the Liquidity Rule, at a meeting held on July 24, 2023, the Board was presented with an annual assessment that was prepared by the LRC on behalf of the Adviser and addressed the operation of the Liquidity Program and assessed its adequacy and effectiveness of implementation, including any material changes to the Liquidity Program and the determination of each fund's Highly Liquid Investment Minimum (HLIM). The annual assessment included consideration of the following factors, as applicable: the fund's investment strategy and liquidity of portfolio investments during normal and reasonably foreseeable stressed conditions, including whether the investment strategy is appropriate for an open-end fund, the extent to which the strategy involves a relatively concentrated portfolio or large positions in particular issuers, and the use of borrowings for investment purposes and derivatives; short-term and long-term cash flow projections covering both normal and reasonably foreseeable stressed conditions; and holdings of cash and cash equivalents, as well as available borrowing arrangements.

LIQUIDITY RISK MANAGEMENT PROGRAM (CONTINUED)

For the fund and other T. Rowe Price funds, the annual assessment incorporated a report related to a fund's holdings, shareholder and portfolio concentration, any borrowings during the period, cash flow projections, and other relevant data for the period of April 1, 2022, through March 31, 2023. The report described the methodology for classifying a fund's investments (including any derivative transactions) into one of four liquidity categories, as well as the percentage of a fund's investments assigned to each category. It also explained the methodology for establishing a fund's HLIM and noted that the LRC reviews the HLIM assigned to each fund no less frequently than annually.

During the period covered by the annual assessment, the LRC has concluded, and reported to the Board, that the Liquidity Program continues to operate adequately and effectively and is reasonably designed to assess and manage the fund's liquidity risk.

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T.Rowe Price

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Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.