

Q4 2024 | thornburg.com/TIBIX-quarterly

Thornburg Investment Management Quarterly Update: **Investment Income Builder Fund**

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Key Macroeconomic Issues

January 2025

- Inflationary pressures have moderated, U.S. Core PCE in November was +2.80% y/y with year over year observations trending below 3% annualized rates since January 2024. Prices of commodities and many tradeable goods declined in recent quarters, though some are higher since summer.
- Inflation rates are close enough to targets to allow central bankers more latitude for paying increased attention to supporting employment.
- Labor compensation is growing, the Atlanta Fed Wage Growth Tracker was up +4.3% y/y in November. The number of unfilled jobs in the U.S. still exceeds the number of unemployment insurance claimants in the U.S., though by a narrowing margin.
- The U.S. unemployment rate averaged 3.8% the last 36 months, now at 4.2%.
- U.S. non-farm employment grew from 140 million (11/2014) to 159.3 million (11/2024).
- U.S. banking system deposits stabilized in 2024, ended September at \$17.86 trillion vs mid-2023 trough of \$17.2 trillion. For comparison, deposits peaked at \$18.4 trillion April 2022, up from \$13.3 trillion March 1, 2020.
- The U.S. Federal Funds rate, 5.33% from July 2023 to September 2024, is now 4.33%. It is expected to decline further, timing uncertain and data dependent.
- Budget deficits of the U.S. government and many other developed countries are well above average in relation to GDP, increasing the supply of new government debt issues even as most central banks have reduced holdings of government debt.
- The percentage of bearish forecasts for the U.S. economy has declined. U.S. and other developed country economies have been more resilient to higher interest rates than expected.
- Analysts expect S&P 500 Index earnings to grow +8% y/y in 2024 and +14% in 2025. Most non-U.S. equity market portfolios also expect above average y/y earnings growth in 2025.
- Russia's invasion of Ukraine and Mideast tensions create uncertainty around supplies of certain key commodities. Oil markets are jittery, though well supplied.
- 10-year U.S. Treasury yield increased from 1.51% on 12/31/21 to 4.62% on 1/6/25. Bloomberg U.S. Corporate High Yield Index is 7.39% on 1/6/25 vs. 4.21% on 12/31/21.
- Equity prices rose the last eight quarters on optimism about softer inflation readings and an expected "artificial intelligence" productivity boom. Bond returns have been mixed, approximating coupon yields.
- Optimism prevails, even as investors struggle to assess policy uncertainty, wars in Ukraine and the Middle East, and the immediate and longer run impacts of all of these on various issuers of stocks and bonds.

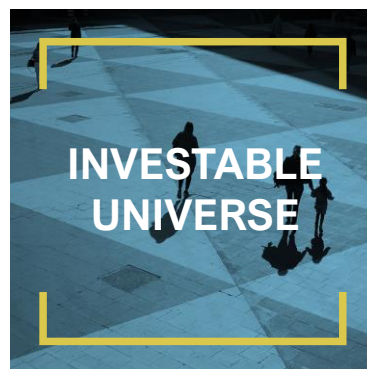
A Solution That Consistently Seeks to Provide Attractive Income



Pay attractive yield today

Grow the dividend over time
(subject to periodic fluctuations)

Long-term capital appreciation



Global dividend-paying stocks

Global bonds and hybrid securities



Focus on firms' ability and willingness to pay dividends





There is no guarantee that the Fund will meet its investment objectives. Neither the payment of, or increase in, dividends is guaranteed.

Overview of Equity Portfolio Allocation Shifts

Thornburg Investment Income Builder Fund equity portfolio’s comparative sector weights on various dates

- YoY increases in allocations to Communication Services and Industrials
- Cuts in portfolio allocations to Financials and Energy

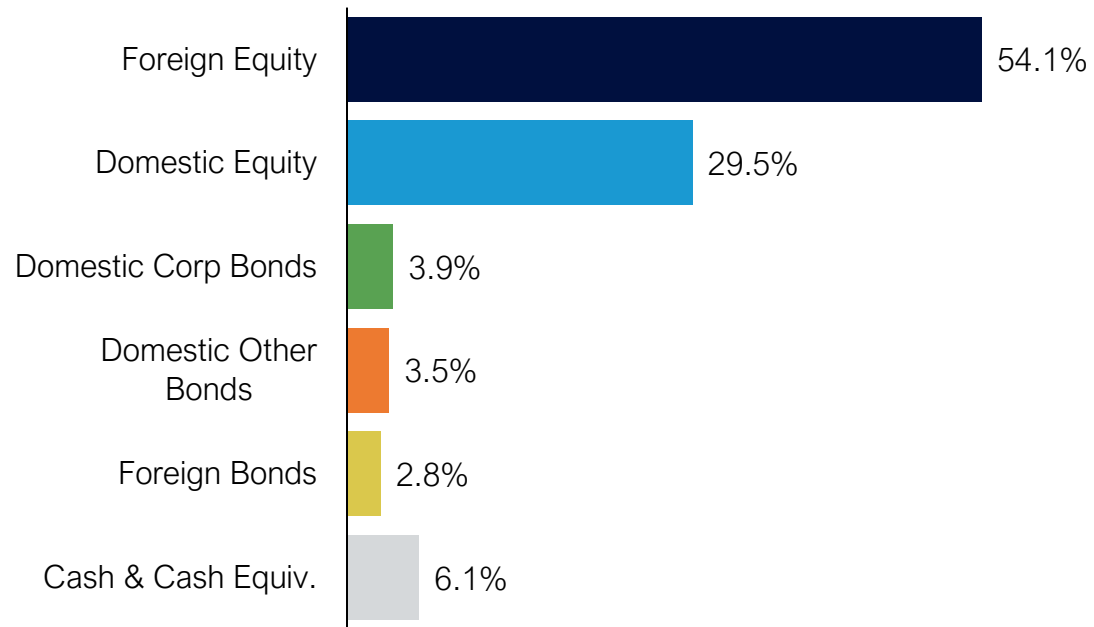
SECTOR WEIGHTS (%) AS OF:

	31 DEC 22	31 MAR 23	30 JUN 23	30 SEPT 23	31 DEC 23	31 MAR 24	30 JUN 24	30 SEP 24	31 DEC 24	DEC 23 to DEC 24 +/- Weighting
 Financials	26.1	24.2	25.4	24.2	24.6	25.4	22.8	22.8	22.8	-1.7
 Comm. Services	11.0	12.2	11.5	12.2	15.1	16.7	17.7	18.8	18.6	3.5
Info Tech	13.7	14.2	15.3	13.9	14.8	13.4	14.1	13.8	15.4	0.6
Health Care	12.5	12.5	12.2	12.0	10.6	12.2	11.9	11.8	11.5	0.9
 Energy	10.6	9.2	10.8	13.5	11.4	10.6	10.8	10.4	9.3	-2.1
Utilities	6.9	8.7	8.9	6.7	7.1	6.2	7.5	7.5	8.2	1.1
Consumer Staples	3.1	3.8	3.7	3.9	3.8	3.6	4.0	4.4	4.5	0.7
 Industrials	4.7	3.8	2.0	1.9	2.0	2.3	2.9	2.9	3.6	1.6
Materials	7.2	7.1	6.4	8.1	7.2	5.5	5.2	5.0	3.4	-3.8
Consumer Disc.	3.7	3.9	3.2	3.1	3.0	3.7	2.7	2.4	2.2	-0.8
Real Estate	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	--

Source: Bloomberg
Sector weights are percentages of total equity. Portfolio holdings are subject to change daily.

Portfolio Characteristics

PORTFOLIO COMPOSITION



EQUITY CHARACTERISTICS

	PORTFOLIO
P/E Trailing 1-Yr	13.9x
P/E Forward 1-Yr Estimate	10.9x
Price to Book	1.5x
Price to Cash Flow	7.7x
Dividend Yield	4.7%

REGIONAL EXPOSURE

	% OF PORTFOLIO
North America	39.6
Europe ex-UK	33.9
UK	10.4
Asia Pacific ex-Japan	8.1
Latin America	1.2
Other	0.6
Japan	0.0
Cash & Cash Equiv.	6.1

Performance data shown represents past performance and is no guarantee of future results. Investment return and principal value will fluctuate so shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than quoted. For performance current to the most recent month end, visit thornburg.com or call 877-215-1330.

Source: FactSet and Bloomberg
 Composition and regions are a percent of total portfolio. Percentages can and do vary.
 Holdings are classified by country of risk as determined by MSCI and Bloomberg.

Top 10 Equity Holdings

The top 10 equity holdings account for **38%** of the portfolio on 31 December 2024

NAME OF COMPANY	2024 YEAR PRICE CHANGE USD (%)	2023 YEAR PRICE CHANGE USD (%)	DIVIDEND YIELD 31 DEC 24 PRICE (%)	5-YEAR LOCAL CURRENCY DIVIDEND GROWTH RATE (%)
Broadcom Inc	107.7	99.6	1.0	+14.1%/year
Orange SA	-12.6	14.7	7.8	+0.6%/year
Taiwan Semiconductor	69.0	32.9	1.5	+10.8%/year
AT&T Inc.	35.7	-8.9	4.9	-11.4%/year
Citigroup	36.8	13.7	3.2	+2.6%/year
Total Energies SE	-19.0	8.5	5.9	+3.5%/year
Enel SpA	-3.9	38.2	6.2	+8.9%/year
NN Group	10.1	-3.2	8.0	+10.9%/year
BNP Paribas	-11.5	21.4	7.8	+8.8%/year
Tesco Plc	24.4	36.7	3.4	+7.9%/year

Past performance does not guarantee future results.

Source: Bloomberg

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Under no circumstances does the information contained within represent a recommendation to buy or sell any security.

Next 10 Equity Holdings

The next 10 equity holdings account for **18%** of the portfolio on 31 December 2024

NAME OF COMPANY	2024 YTD SHARE PRICE CHANGE USD (%)	CALENDAR 2023 SHARE PRICE CHANGE USD (%)	DIVIDEND YIELD 31 DEC 24 PRICE (%)	5-YEAR DIVIDEND GROWTH RATE (%)
Endesa	5.2	8.1	4.8	-6.9%/year
CME Group, Inc.	10.3	25.2	4.5	+13.6%/year
Roche Holding	-3.1	-7.5	3.8	+2.0%/year
Samsung Electronics	-40.7	39.2	2.7	+0.4%/year
Equitable Holdings	41.6	16.0	2.0	+10.1%/year
Pfizer Inc.	-7.8	-43.8	6.5	+3.1%/year
Deutsche Telekom	24.8	20.5	3.1	+1.9%/year
Vodafone Group Plc	-2.3	-14.1	5.5	-5.4%/year
AstraZeneca Plc	-3.1	-0.3	2.2	+1.5%/year
Home Depot	12.2	9.7	2.3	+10.6%/year

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Source: Bloomberg

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1. Broadcom

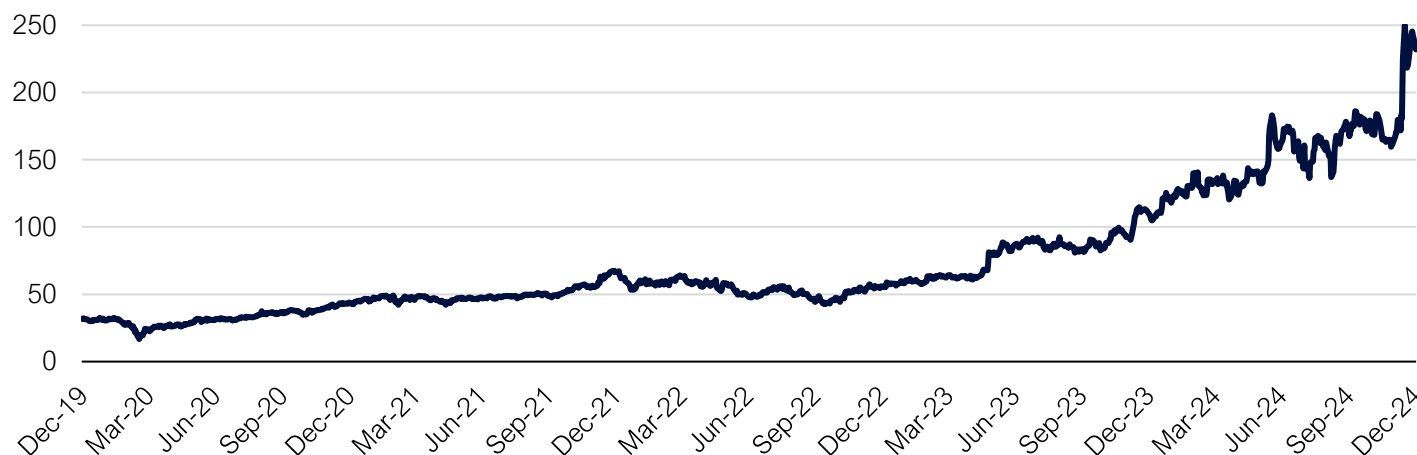
\$1.11 Trillion Equity Market Capitalization, \$1.17 Trillion Enterprise Value, 1.0% Dividend Yield at current dividend/share rate \$2.36.

Broadcom's share price declined -48% from 2/12/2020 to 3/18/2020, quickly recovered. Its share price rose in recent quarters, including +99% in calendar 2023 and +108% in 2024.

FY 2024 Result: Revenue +44% to \$51.57 billion, EBITDA +17% to \$23.7 billion. Fiscal year ended 11/3/24, Broadcom's revenue mix is approximately 60% semiconductors, 40% software. Software increased as a % of the mix following the acquisition of VMWare in November 2023.

Consensus revenue and EPS estimates for fiscal year 2025 have increased from 12/31/23 to 12/31/24, partly due to acquisitions. Fund initial purchases were in Q3'2018 at split adjusted prices below \$30/share.

BROADCOM (USD)



Broadcom designs, develops and markets digital and analog semiconductors, wireless radio components, storage adapters, controllers, networking processors & switches, fiber optic modules, optical sensors, and motion control encoders. An acquisitive firm, Broadcom's revenue, EBITDA, and per share dividends grew at CAGRs of +14%, +17%, and +15% per year, respectively, between fiscal 2019 and 2024. Broadcom's business should benefit from the global 5G rollout, more networked items, and more data storage.

Past performance does not guarantee future results.

Source: Bloomberg

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Broadcom was 5.4% of the Fund as of 31 December 2024.

2. Orange SA

25.6 Billion EUR Market Cap, 23 Billion EUR net financial debt, €3 0 billion minorities, 7.8% Dividend Yield.

Share price -35% from 2/19/20 to 10/1/20, irregular subsequent recovery with +14.7 2023 and -6.5% 2024 on France political concerns. 2023 revenue +1.5%, adjusted EBITDA after leases +1.3%. Nine mos 2024 EBITDAaL +2.7% y/y on +1.6% revenues.

Orange owns ~40k wireless broadcast towers and a strong wireless spectrum portfolio. Including JV, its EU terrestrial fiber marketable footprint passes >61 million homes (of which 14 million connected at 9/30/24).

Cash flows should improve as buildout of the fiber and 5G wireless network footprint matures, capex declines, more residences are connected, and legacy analogue infrastructure is shut down.

The recent merger of Orange's Spain subsidiary with Masmovil generated material cash flow for Orange and cut consolidated net debt. JV uses equity method reporting, so cuts reported Group revenue (-€4.5 billion) & EBITDAaL (-€1.2 billion) but improves the JV's competitive position.

ORANGE SA (EUR)



France headquartered Orange is a multinational telecommunications services provider with 253 million mobile customers and 21.6 million terrestrial broadband customers in 26 countries in Europe, the Middle East, and Africa. 2023 highlights: 44 billion EUR 2023 revenue, €13 billion EBITDAaL, 27 billion net financial debt prior to receiving €4.2BB cash for the Masmovil JV transaction in Spain that gave Orange a 50% JV ownership. Trailing 5-year revenue & EBITDA growth through 2023 were +1.3% and +3.3%/year, respectively. 9 Mos 2024 EBITDAaL +2.7% y/y on +1.6% revenues.

Past performance does not guarantee future results.

Source: Bloomberg

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Orange was 5.2% of the Fund as of 31 December 2024.

3. Taiwan Semiconductor

\$887 USD Billion Market Capitalization, Net Cash approximately 3% of Equity Market Capitalization, 1.4% Dividend Yield.

Share price declined -34% in \$US during calendar 2022 on fears of a global recession cutting demand for semiconductors before rising +125% in the eight quarters ending 12/31/24 on expectations of stronger semiconductor production in the coming quarters and the outlook for artificial intelligence applications.

In \$US terms, \$69 billion 2023 revenue (-8.7% y/y compares to trailing 10-year revenue growth CAGR through 2022 of +16%), \$46.6 billion 2023 EBITDA (-11% y/y compares to trailing 10-year growth CAGR +17%). Nine mos'24 revenue +39% y/y, EBITDA +69% y/y. 2025 consensus analyst estimates are for revenue and EBITDA to achieve record highs, up >10% y/y.

Trailing 10-Year Dividend Growth CAGR = +14%.

TSMC (TWD)



Taiwan Semiconductor is the leading contract manufacturer of semiconductor chips in the world, making processors and memory chips embedded in more than 11,000 products of more than 500 manufacturers of digital processing and communications devices, motor vehicles, and industrial equipment. The single largest end market for TSMC semiconductors is wireless handsets, a market that has been sluggish in recent quarters. TSMC stock trades mostly in Taiwan \$.

Past performance does not guarantee future results.

Source: Bloomberg

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Taiwan Semiconductor was 4.4% of the Fund as of 31 December 2024.

4. AT&T Inc.

AT&T: \$158 Billion Market Capitalization, \$127 Billion net financial debt, \$45.9 billion trailing year EBITDA as of 9/30/24, approximately \$21.5 billion 2024 capex, 4.9% Dividend Yield.

AT&T share price declined more than 50% from end 2019 to Q3'23 as value destructive acquisitions totaling more than \$150 billion were unwound, accompanied by a -47% dividend cut. Share price +36% in 2024.

Now refocused on wireless and terrestrial broadband connectivity, AT&T's wireless customer base has grown over the last 3 years and its broadband customer base is stabilizing as fiber customer adds offset legacy DSL customer losses. ARPU's are stable to slightly higher in recent quarters.

AT&T debt shows a 15-year weighted average maturity; 3.9% weighted average coupon, just over 4% weighted average net cost of debt. Net debt/adjusted EBITDA now dropping below 3x, good visibility to drop to 2.5x in 2025 at which point distributions to shareholders should increase.

AT&T (USD)



AT&T is a major U.S. telecommunications and broadband internet connectivity services provider with annual revenue of more than \$120 billion, more than 89 million wireless handset customers, approximately 13.8 million consumer broadband customers, and a business segment that is gradually replacing declining legacy wireline connectivity with modern digital solutions. Following a series of unsuccessful acquisitions (mainly DirecTV and Time Warner), AT&T has refocused on connectivity services.

Past performance does not guarantee future results.

Source: Bloomberg

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AT&T was 4.1% of the Fund as of 31 December 2024.

5. Citigroup

\$118 Billion Market Capitalization, 3.1% Dividend Yield. Tangible common equity = \$170 billion as of 9/30/24.

Citigroup shares have gone through a long period of underperformance since the 2008-09 global financial crisis. A significant restructuring with the aim of exiting low return businesses and increasing management focus on the higher returning businesses in the Group’s portfolio began in late 2021 and is still underway. There are attractive businesses within Citigroup.

From 2016-2023 Citigroup’s revenue/share and tangible book value/share increased at annual rates of +7.5%/year and +4.2%/year, aided by a 31% reduction in shares outstanding.

Citigroup’s deposits increased at an annual rate of +5.3% from 2018 to 2023, strongly supported by its treasury services operations for corporate clients. Core Tier 1 capital appears strong at 13.7% at 9/30/24, offering the prospect of interesting capital returns to shareholders as the restructuring progresses.

CITIGROUP (USD)



Citigroup is a global diversified financial services holding company offering financial products and services in nearly 160 countries and jurisdictions with an aim to be a key banking partner for institutions with cross-border operations, a leader in global wealth management, and a significant consumer bank in the U.S. Citigroup has been undergoing a significant restructuring under CEO Jane Fraser, exiting consumer banking businesses in 9 countries with at least 4 additional countries being sold or wound down. While these changes appear to be strategically sound, the noisy reported results of recent years caused a steady erosion in Citi’s share price, culminating in the shares trading below 40% of tangible book value/share in Q4’2023. Citi’s share price rallied +37% in 2024.

Past performance does not guarantee future results.

Source: Bloomberg

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Citigroup was 3.5% of the Fund as of 31 December 2024.

6. Total SE

\$136 Billion Market Capitalization, \$17.6 Billion Net Fin'l Debt, 5.8% dividend yield. Total's share price declined -56.7% from 1/6/20 to 3/18/2020, recovered strongly from its March 2020 low in 2022, and has been -9% over the eight quarters ending 12/31/2024.

Annual EBITDA fluctuated between \$16.5 and \$71.6 billion over the 2011-2022 decade when the oil price averaged \$77.8/bbl.

Oil and European gas prices for 2023 averaged \$82/bbl and €40.7/MWh, respectively, the latter -67% y/y. As of 9/30/24, trailing year EBITDA and CFFO were -31% and +14.6% y/y, respectively, on lower commodity prices and reduced investment in working capital. Energy commodity prices for 2025 are expected to be soft, y/y.

Total is transitioning to more low carbon power generation and gas processing & distribution, gradually becoming less oil centric. Annual capex budgets are \$17 to \$18 billion, with a significant green energy allocation.

TOTAL SE (EUR)



With a fleet of 19 LNG tankers, Total is the #1 exporter of LNG from the U.S. and the #1 owner of European regas capacity. Elevated 2022 trading profits from Total's integrated gas business were directed to debt reduction, dividend growth and share buybacks, and accelerated development of renewable electricity generation. Total is transitioning to more low carbon power generation and gas processing & distribution, gradually becoming less oil centric. Capex budgets include a significant green energy allocation, allowing Total to have 35GW of electricity generation assets built or contracted by 2025 with the aim of increasing generation capacity to 100 GW by 2030, primarily wind and solar assets.

Past performance does not guarantee future results.

Source: Bloomberg

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TotalEnergies was 3.4% of the Fund as of 31 December 2024.

7. ENEL SpA

€71.5 billion Mkt Capitalization, €57 billion net debt and €148 billion enterprise value; 6.1% Dividend Yield.

ENEL Group has installed electricity generation capacity of 89GW, from which 64% of power generated in 2023 was emission free. The 2022 spike in oil, gas, and coal prices increased the cost competitiveness of renewable electricity generation. Hydrocarbon prices declined in recent quarters and European power prices stabilized in 2024.

ENEL's share price declined -33% in \$US terms in calendar 2022 on concerns about debt increases to support a large working capital expansion in the face of higher energy hedge requirements, increased customer receivables, and ongoing capex to build new renewables assets. The share price rose +37% in the eight quarters ending 12/31/24 as working capital recovered and cash flows from operations increased.

2023 adjusted EBITDA of €20.25 billion was +2% y/y, H1'24 EBITDA was +9% y/y. ENEL guides to +5% annual EBITDA growth through 2026 with grid operations being the primary driver of growth as power generation becomes more fragmented from renewable sources. ENEL distributes more than 470 TWh of power per year to more than 70 million customers.

ENEL (EUR)



ENEL is a multinational integrated provider of electricity for business & household users. ENEL is one of the world's largest renewable energy generators, with more than 50 GW of green energy in operation in 2023 and plans to continue to increase this capacity. In the 5 years through 12/31/23 ENEL increased EBITDA and dividends/share at compound annual growth rates of +4.8% and +9%, respectively.

Past performance does not guarantee future results.

Source: Bloomberg

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ENEL SpA was 3.1% of the Fund as of 31 December 2024.

8. NN Group

€11.6 Billion Mkt Capitalization, 7.8% Dividend Yield.

As of 6/30/24 NN Group's tangible book value was approximately €18.1 billion. Its dividend/share has increased at an annual rate of +10% from 2015 (shortly after being spun out of ING Group) to 2024.

NN Group's share price declined -29% in the six quarters ending 6/30/23, a decline that allowed its ongoing €1 billion share buyback to more productively shrink the share count, now more than 13% lower since 2020. Over the six quarters ending 12/31/24, NN Group's share price was +24%.

The current P/E multiple of approximately 6.1x 2025e expected EPS is around 2 turns below its average multiple since being spun out of ING last decade.

NN GROUP (EUR)



NN Group is the largest life & pensions and property/casualty insurer in the Netherlands, also offering targeted insurance, banking and investment services to customers in 10 additional countries. NN Group also operates a digital bank in the Netherlands, mostly serving its insurance customers. NN Group customers total approximately 18 million in its various geographies. Annual revenue/share growth has averaged +5.5% for the 5 years ending 6/30/2024, leading to +10.9% average annual dividend growth.

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Source: Bloomberg

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NN Group was 3.0% of the Fund as of 31 December 2024.

9. BNP Paribas

€68 Billion Mkt Capitalization, 7.6% Dividend Yield.

BNP's share price dropped -38% in the first nine months of 2022 in \$US terms, even as 2022e consensus EPS estimates increased by +20%. The share price was +36% in the nine quarters to 12/31/24.

2023 Net Revenues of €51.1 billion, +2% y/y; distributable net income €11.2 billion, +10.2% y/y. Through 9/30/24 net revenues were again +2% y/y.

Since 2008, BNP has grown tangible equity/share at a +6.9%/year CAGR. BNP's 12/31/24 share price was approximately 65% of tangible equity/share.

BNP sold its U.S. Bank of the West subsidiary to Bank of Montreal for \$16.3 billion, closed 2/1/23. Bank of the West contributed approximately 6% of BNP's 2022 operating profit.

BNP PARIBAS (EUR)



BNP Paribas SA is a universal bank headquartered in Paris with four domestic retail banking markets: France, Belgium, Italy and Luxembourg. It has other retail banking operations throughout Europe and the Mediterranean basin. BNP Paribas is also a significant player in the consumer finance and insurance markets and provides wealth and asset management services. In addition, the bank allocates as much as 30% of its capital to its corporate and institutional banking unit, a leading franchise in Europe.

Past performance does not guarantee future results.

Source: Bloomberg

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BNP Paribas was 3.0% of the Fund as of 31 December 2024.

10. Tesco PLC

Tesco PLC: 25 Billion GBP Mkt Capitalization, Net Debt 9.3 Billion, 3.4% Dividend Yield.

Tesco's share price declined -22.6% in 2022 but gained +64% over the 8 quarters ending 12/31/24. The trailing 5-year dividend growth rate has been +7.9%/year.

EBITDA per share showed average growth of +5.2% last 5 years through the semi-annual period ending August 2024, aided by divestments of subsidiaries in lower return geographies and subsequent share buybacks. FY'24 EBITDA totaled GBP 4.63 billion.

Management guides for post-capex free cash flow to exceed GBP 1.4 billion per year in the near term, supporting dividends and share buybacks. Share buybacks totaled GBP 2.4 billion over the last 3 years, cutting the share count by -9%.

TESCO (GBP)



Tesco is the largest grocery retailer in the UK, with more than 3,400 stores in a well-established footprint. It generates most of its operating profit from UK and Ireland retail, with a single digit % contribution from international retail, and a small portion from Tesco Bank. Tesco owns Booker Group, the UK's leading food wholesaler. Tesco spun off Asian and certain East European businesses in its fiscal 2021 to increase its focus on UK and Ireland operations and raise capital returns to shareholders.

Past performance does not guarantee future results.

Source: Bloomberg

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Tesco was 2.8% of the Fund as of 31 December 2024.

Potential to Grow the Distribution over Time

Dividend Growth
actual dividend growth for calendar year 2024

	% OF EQUITY PORTFOLIO*	CALENDAR 2024 YIELD
Holdings Growing the Dividend	82%	4.7%
<i>Dividend growing 0 – 5%</i>	34%	
<i>Dividend growing 5 – 10%</i>	19%	
<i>Dividend growing 10%+</i>	29%	
Holdings with a Flat Dividend	9%	4.2%
Holdings Paying Lower Dividends	9%	4.8%

Past performance does not guarantee future results.

*Excludes portfolio allocation to fixed income, cash and currency forwards
Source: Bloomberg and FactSet. Dividend growth figures are calculated based in local currency terms. Dividends are not contractual obligations and may be changed or eliminated at any time. Holdings can and do vary. Market values will vary, impacting dividend yields based on market prices.

Returns by Rate Environment

Investment Income Builder Fund’s I Shares have delivered a notably higher return than our blended benchmark and global equities in higher rate environments.

When the Fed Funds Rate has exceeded 3.00%, IIB’s average annualized return has been **374 bps higher** than the blended index.

FED FUNDS RATE	# OF QUARTERS	RELATIVE PERFORMANCE (ANNUALIZED*)	
		VS. BLENDED INDEX	VS. MSCI WORLD
3% or higher	20	3.74%	0.48%
1% - 3%	24	0.95%	0.75%
Less than 1%	44	0.78%	-1.36%
All Periods	88	1.50%	-0.37%

Past performance does not guarantee future results.

*Calculations are based on averaging the relative quarterly returns during each Fed Fund Rate environment (e.g. 3% or higher, 1%-3%, and Less than 1%). Annualization is based on multiplying each quarterly return by four. Does not include the impact of compounding.

Source: Bloomberg and Thornburg Investment Management calculations

Class I shares may not be available to all investors. Minimum investments for the I share class may be higher than those for other classes.

The Blended Index is composed of 25% Bloomberg U.S. Aggregate Bond Index and 75% MSCI World Index.

Selected World Market Index Returns

Total Returns (USD)

	2017	2018	2019	2020	2021	2022	2023	2024
USA: S&P 500 Index	21.83%	-4.38%	31.49%	18.40%	28.71%	-18.11%	26.29%	25.00%
USA: Russell 3000 Growth Index	29.59%	-2.12%	35.85%	38.26%	25.85%	-28.97%	41.20%	32.45%
MSCI EAFE Index	25.03%	-13.79%	22.01%	7.82%	11.26%	-14.45%	18.24%	3.82%
MSCI AC World ex-U.S. Index	27.19%	-14.19%	21.51%	11.08%	7.48%	-16.00%	15.62%	5.53%
MSCI AC World Index	23.97%	-9.42%	26.60%	16.25%	18.54%	-18.36%	22.20%	17.49%
MSCI Emerging Markets Index	37.28%	-14.58%	18.42%	18.31%	-2.54%	-20.09%	9.83%	7.50%
EURO STOXX 50 Index	25.25%	-15.61%	26.84%	6.01%	15.58%	-13.97%	27.27%	4.67%
MSCI AC Asia Pacific (All-Cap) Index	28.94%	-14.16%	18.70%	19.16%	5.54%	-9.89%	11.92%	10.14%
Bloomberg U.S. Universal Bond Index	4.09%	-0.25%	9.29%	7.58%	-1.10%	-12.99%	6.17%	2.04%
Russell 2500 Growth Total Return Index	24.46%	-7.47%	32.65%	40.47%	5.04%	-26.22%	18.91%	13.90%
Russell 2500 Total Return Index	16.81%	-10.00%	27.77%	19.99%	18.18%	-18.37%	18.66%	12.00%

Past performance does not guarantee future results.

Source: MSCI, Bloomberg, Thornburg Investment Management

Investment Performance

AVERAGE ANNUAL TOTAL RETURNS (%)	QTR	YTD	1-YR	3-YR	5-YR	10-YR	ITD	EXPENSE RATIOS (%)	
								GROSS	NET
A Shares TIBAX (Incep: 24 Dec 02) 30-Day Subsidized SEC Yield: 2.93%									
Without sales charge	-1.84	13.13	13.13	6.95	7.84	6.89	8.96	--	--
With sales charge	-6.27	8.06	8.06	5.32	6.86	6.40	8.73	1.17	1.17
I Shares TIBIX (Incep: 3 Nov 03)* 30-Day Subsidized SEC Yield: 3.31%	-1.79	13.38	13.38	7.20	8.10	7.17	8.56	0.92	0.92
Blended Index	-0.88	14.12	14.12	4.22	8.42	7.93	7.92		
Excess Return (I Shares) vs. Blended Index	-0.91	-0.74	-0.74	2.98	-0.32	-0.76	0.64		

CALENDAR YEAR RETURNS (%)	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
A Shares TIBAX	13.13	17.90	-8.27	20.02	-0.65	17.66	-4.62	14.78	9.50	-5.37
I Shares TIBIX	13.38	18.17	-8.03	20.29	-0.39	17.95	-4.39	15.17	9.86	-5.10
Blended Index	14.12	19.05	-16.67	15.64	14.41	22.87	-6.42	17.42	6.41	-0.33
Excess Return (I Shares) vs. Blended Index	-0.74	-0.88	8.64	4.65	-14.80	-4.92	2.03	-2.25	3.45	-4.77

Performance data shown represents past performance and is no guarantee of future results. Investment return and principal value will fluctuate so shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than quoted. For performance current to the most recent month end, visit thornburg.com or call 877-215-1330. The maximum sales charge for the Fund's A shares is 4.50%. There is no up-front sales charge for class I shares. Thornburg Investment Management and/or Thornburg Securities LLC have contractually agreed to waive fees and reimburse expenses through at least 1 February 2025, for some of the share classes; these are reflected in the net expense ratio. For more detailed information on fund expenses and waivers/reimbursements, please see the fund's prospectus. Without these waivers, SEC yields would have been as follows: A Shares, 2.93%; I Shares, 3.31%.

As of 31 December 2024

Returns for less than one year are not annualized. ITD is inception to date.

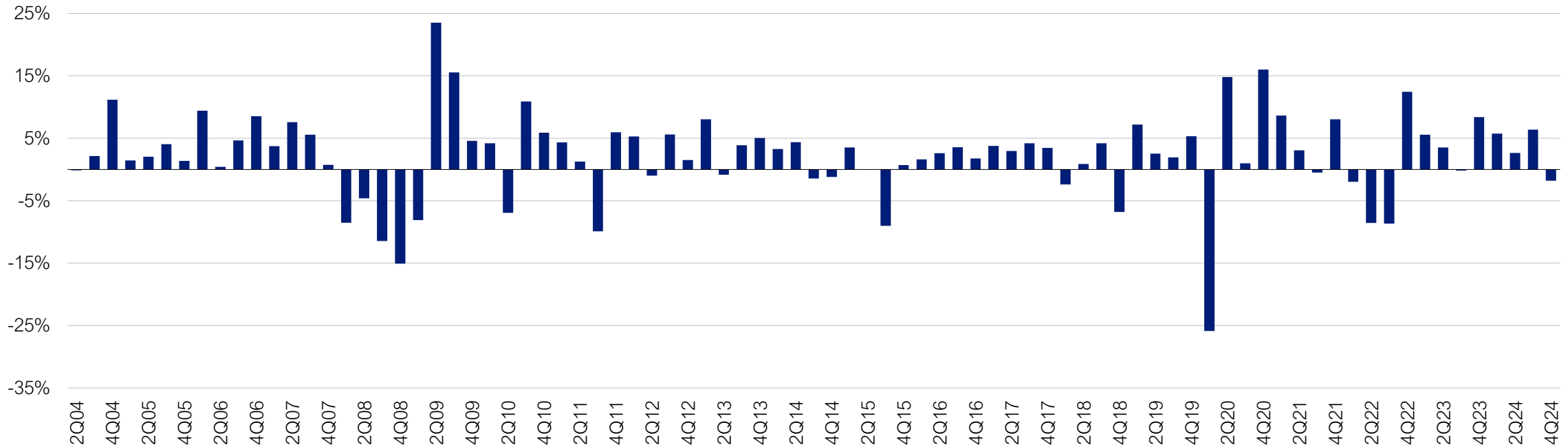
Class I shares may not be available to all investors. Minimum investments for the I share class may be higher than those for other classes.

The Blended Index is composed of 25% Bloomberg U.S. Aggregate Bond Index and 75% MSCI World Index.

*Prior to inception of this share class, performance is hypothetical and was calculated from actual returns of the class A shares adjusted for the expenses of the newer share class.

Quarterly Total Returns

I Shares

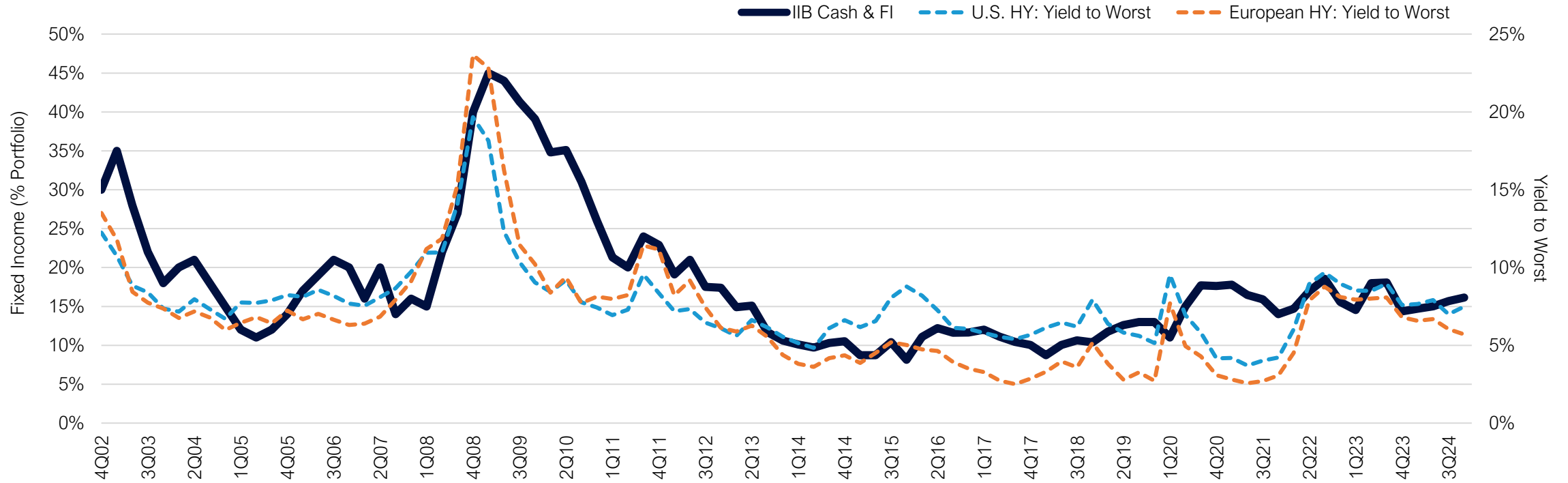


Past performance does not guarantee future results.

Class I shares may not be available to all investors. Minimum investments for the I share class may be higher than those for other classes. Returns for less than one year are not annualized.

Flexibility with Fixed Income

We buy bonds when risk-adjusted returns are attractive.



Past performance does not guarantee future results.

Source: Bloomberg

Quarterly Distributions

Cents per I Share (TIBIX)

	Q1	Q2	Q3	Q4	TOTAL
2003				14.5¢	14.5¢
2004	11.7¢	13.6¢	16.0¢	22.7¢	64.0¢
2005	11.6¢	14.2¢	18.0¢	29.7¢	73.5¢
2006	14.4¢	18.0¢	21.2¢	35.0¢	88.6¢
2007	16.2¢	20.6¢	23.6¢	39.0¢	99.4¢
2008	19.8¢	23.8¢	28.0¢	38.3¢	109.9¢
2009	19.2¢	25.6¢	29.4¢	36.2¢	110.4¢
2010	21.3¢	26.7¢	33.6¢	37.8¢	119.4¢
2011	22.7¢	27.9¢	33.8¢	39.3¢	123.7¢
2012	23.1¢	27.5¢	30.1¢	37.8¢	118.5¢
2013	23.0¢	27.2¢	26.8¢	26.4¢	103.4¢

	Q1	Q2	Q3	Q4	TOTAL
2014	24.3¢	25.9¢	28.9¢	27.9¢	107.0¢
2015	18.2¢	21.8¢	21.8¢	27.0¢	88.9¢
2016	18.5¢	20.2¢	21.2¢	23.3¢	83.2¢
2017	18.6¢	21.8¢	27.9¢	31.6¢	99.9¢
2018	19.6¢	21.6¢	25.6¢	29.6¢	96.4¢
2019	20.3¢	22.9¢	26.4¢	31.7¢	101.3¢
2020	20.3¢	20.1¢	22.1¢	30.3¢	92.8¢
2021	23.7¢	29.0¢	32.9¢	38.8¢*	124.4¢
2022	21.4¢	26.6¢	30.5¢	40.5¢	119.1¢
2023	22.3¢	26.5¢	30.5¢	38.4¢	117.7¢
2024	24.0¢	27.2¢	30.8¢	42.1¢	124.1¢

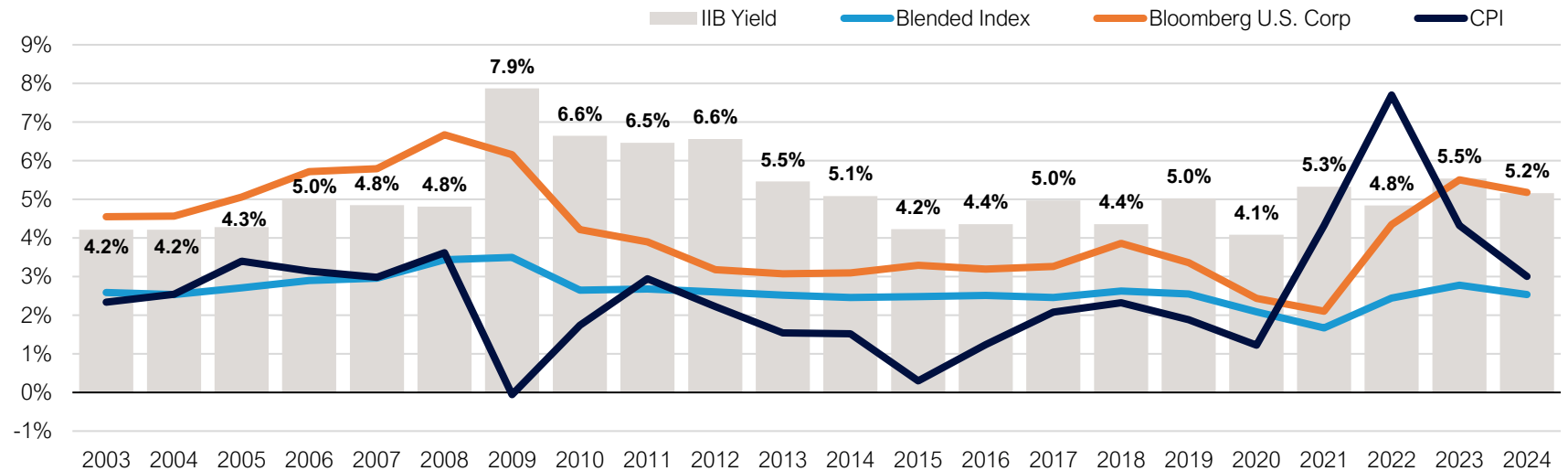
Past performance does not guarantee future results.

*Does not include a special dividend of 6.56¢ per share declared on 30 December 2021 and payable on 6 January 2022.
 Class I shares may not be available to all investors. Minimum investments for the I share class may be higher than those for other classes.
 Neither the payment of, or increase in, dividends is guaranteed.

Consistently Delivered a 4%+ Yield Since Inception

2003 – 2024

Dividend: 4.2% CAGR
NAV: 3.6% CAGR



Performance data shown represents past performance and is no guarantee of future results. Investment return and principal value will fluctuate so shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than quoted. For performance current to the most recent month end, visit thornburg.com or call 877-215-1330.

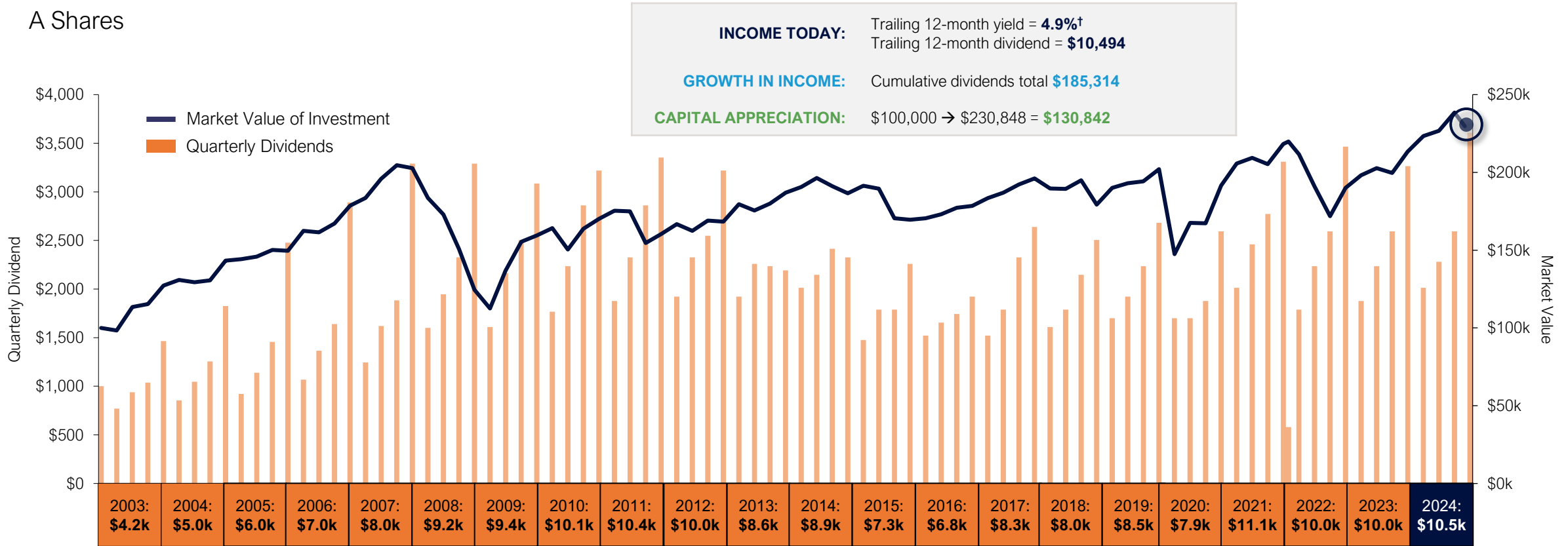
Source: Bloomberg, as of 31 December 2024

The Compound Annual Growth Rate (CAGR) is the rate of return that would be required for an investment to grow from its beginning balance to its ending balance, assuming the profits were reinvested at the end of each year of the investment's life span. Neither the payment of, or increase in, dividends is guaranteed. Annual Dividend Yields are calculated as annual dividend divided by beginning of the year NAV. Dividend Yield is 2003 TIBAX and 2004-2020 is TIBIX.

The Blended index is composed of 25% Bloomberg U.S. Aggregate Bond Index and 75% MSCI World Index.

Hypothetical \$100,000 Investment

A Shares



INCOME TODAY: Trailing 12-month yield = **4.9%†**
Trailing 12-month dividend = **\$10,494**

GROWTH IN INCOME: Cumulative dividends total **\$185,314**

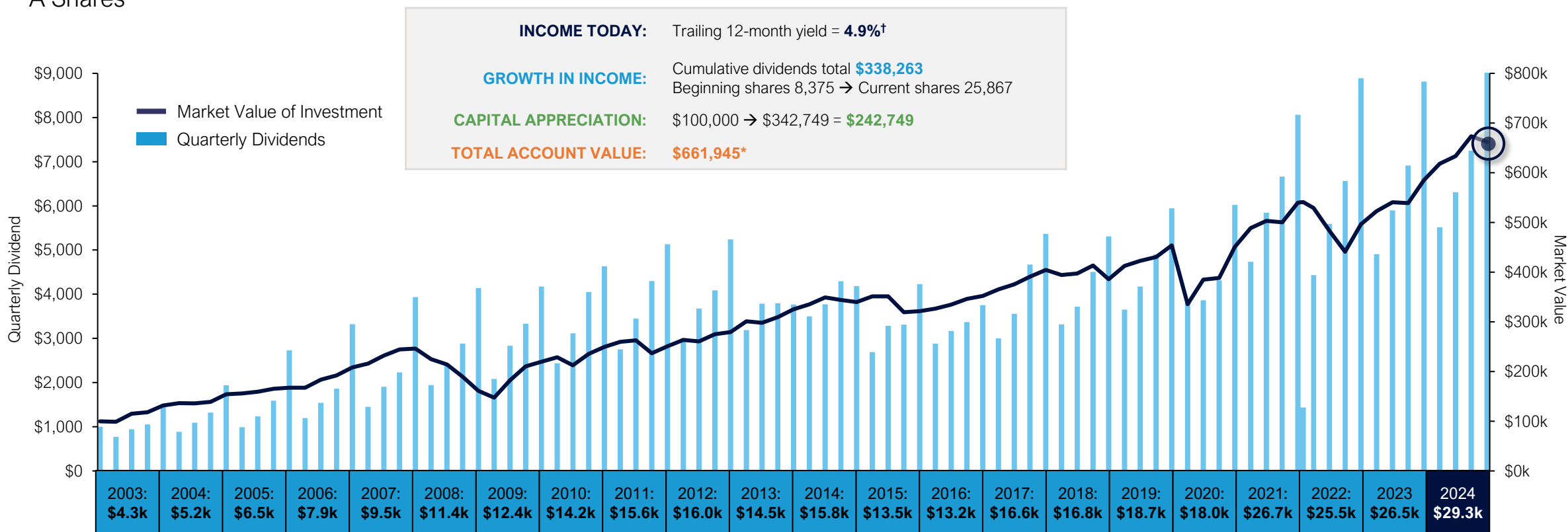
CAPITAL APPRECIATION: \$100,000 → \$230,848 = **\$130,842**

Hypothetical illustrations above do not account for the fund's sales charges. If sales charges had been included, results would be lower. The portfolio values include any capital appreciation and capital gains payments, which were reinvested. Performance data shown represents past performance and is no guarantee of future results. Investment return and principal value will fluctuate so shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than quoted. For performance current to the most recent month end, visit thornburg.com or call 877-215-1330.

†Trailing 12-month yield is calculated as annual dividend divided by beginning of year NAV

Hypothetical \$100,000 with Reinvestment

A Shares



Hypothetical illustrations above do not account for the fund's sales charges. If sales charges had been included, results would be lower. All dividends and capital gains payments were reinvested. Performance data shown represents past performance and is no guarantee of future results. Investment return and principal value will fluctuate so shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than quoted. For performance current to the most recent month end, visit thornburg.com or call 877-215-1330.

*Includes initial investment of \$100k

†Trailing 12-month yield is calculated as annual dividend divided by beginning of year NAV

Historically, Dividends Have Been Important to Total Return: S&P 500 Index

Over the long term, total shareholder returns (TSR) are roughly 50% price / 50% dividends

DECADE	PRICE APPRECIATION	INCOME COMPONENT	TOTAL RETURN	INCOME AS PERCENTAGE OF TOTAL RETURN
1871 – 1880	2.8%	6.1%	8.9%	68.5%
1881 – 1890	-2.1%	4.8%	2.6%	184.6%
1891 – 1900	4.2%	4.5%	8.7%	51.7%
1901 – 1910	2.5%	4.6%	7.1%	64.8%
1911 – 1920	-2.6%	6.1%	3.4%	179.4%
1921 – 1930	6.7%	5.6%	12.3%	45.5%
1931 – 1940	-2.8%	4.9%	2.1%	233.3%
1941 – 1950	6.7%	6.4%	13.0%	49.2%
1951 – 1960	10.2%	5.0%	15.2%	32.9%
1961 – 1970	4.7%	3.5%	8.2%	42.7%
1971 – 1980	4.0%	4.5%	8.5%	52.9%
1981 – 1990	9.3%	4.6%	13.9%	33.1%
1991 – 2000	14.9%	2.6%	17.5%	14.9%
2001 – 2010	-0.5%	1.9%	1.4%	135.7%
2011 – 2020	11.6%	2.3%	13.9%	16.7%
2021 – 2024	11.9%	1.7%	13.6%	12.6%
Average across Decades	4.6%	4.5%	9.1%	49.3%
Standard Dev across Decades	5.4%	1.4%	5.1%	

Past performance does not guarantee future results.

Sources: Jack W. Wilson and Charles P. Jones, "An Analysis of the S&P 500 Index and Cowles's Extensions: Price Indexes and Stock Returns, 1870–1999", Journal of Business, 2002, vol. 75 no 3. Data after 1990 is from Bloomberg, Confluence, and FactSet. Calculated by Thornburg Investment Management. Returns are annualized.



Q&A

Important Information

The views expressed are subject to change and do not necessarily reflect the views of Thornburg Investment Management, Inc. This information should not be relied upon as a recommendation or investment advice and is not intended to predict the performance of any investment or market.

This is not a solicitation or offer for any product or service. Nor is it a complete analysis of every material fact concerning any market, industry, or investment. Data has been obtained from sources considered reliable, but Thornburg makes no representations as to the completeness or accuracy of such information and has no obligation to provide updates or changes. Thornburg does not accept any responsibility and cannot be held liable for any person's use of or reliance on the information and opinions contained herein.

Investments carry risks, including possible loss of principal. Additional risks may be associated with investments outside the United States, especially in emerging markets, including currency fluctuations, illiquidity, volatility, and political and economic risks. Investments in small- and mid-capitalization companies may increase the risk of greater price fluctuations. Portfolios investing in bonds have the same interest rate, inflation, and credit risks that are associated with the underlying bonds. The value of bonds will fluctuate relative to changes in interest rates, decreasing when interest rates rise. This effect is more pronounced for longer-term bonds. Unlike bonds, bond funds have ongoing fees and expenses. Investments in mortgage-backed securities (MBS) may bear additional risk. Investments in lower rated and unrated bonds may be more sensitive to default, downgrades, and market volatility; these investments may also be less liquid than higher rated bonds. Investments in derivatives are subject to the risks associated with the securities or other assets underlying the pool of securities, including illiquidity and difficulty in valuation. Investments in the Funds are not FDIC insured, nor are they bank deposits or guaranteed by a bank or any other entity.

The performance data quoted represents past performance; it does not guarantee future results. Returns will fluctuate and current performance may be either lower or higher than data shown.

Consumer Price Index (CPI) - Index that measures prices of a fixed basket of goods bought by a typical consumer, including food, transportation, shelter, utilities, clothing, medical care, entertainment and other items. The CPI, published by the Bureau of Labor Statistics in the Department of Labor, is based at 100 in 1982 and is released monthly. It is widely used as a cost-of-living benchmark to adjust Social Security payments and other payment schedules, union contracts and tax brackets. Also known as the cost-of-living index.

Dividend Yield - A ratio that shows how much a company pays out in dividends each year relative to its share price.

Price/Cash Flow - The measure of the market's expectations regarding a firm's future financial health. It is calculated by dividing price per share by cash flow per share.

P/E - Price/Earnings ratio (P/E ratio) is a valuation ratio of a company's current share price compared to its per share earnings. P/E equals a company's market value per share divided by earnings per share. Forecasted P/E is not intended to be a forecast of the fund's future performance.

SEC Yield - A yield computed in accordance with SEC standards measuring the net investment income per share over a specified 30-day period expressed as a percentage of the maximum offering price of the Fund's shares at the end of the period.

Yield to Worst (YTW) - The lowest potential yield that can be received on a bond without the issuer actually defaulting.

Thornburg Investment Income Builder Fund's Blended Index is composed of 25% Bloomberg U.S. Aggregate Total Return Value USD and 75% MSCI World Net Total Return USD Index, rebalanced monthly. The MSCI World Net Total Return USD Index is an unmanaged market-weighted index that consists of securities traded in 23 of the world's most developed countries. The Bloomberg US Aggregate Total Return Value USD is composed of approximately 8,000 publicly traded bonds. The index is weighted by the market value of the bonds included in the index.

The MSCI World Index is a broad global equity index that represents large and mid-cap equity performance across all 23 developed markets countries. It covers approximately 85% of the free float-adjusted market capitalization in each country.

The S&P 500 Index (S&P 500 TR) is an unmanaged broad measure of the U.S. stock market.

The MSCI EAFE Index (MSCI EAFE NTR) is an unmanaged index. It is a generally accepted benchmark for major overseas markets. Index weightings represent the relative capitalizations of the major overseas developed markets on a U.S. dollar adjusted basis. The index is calculated with net dividends reinvested in U.S. dollars.

The MSCI ACWI ex USA (Gross/Net) Index is a market capitalization weighted index representative of the market structure of 46 developed and emerging market countries in North and South America, Europe, Africa, the Middle East, and the Pacific Rim, excluding securities of United States issuers. Beginning in January 2001, the index is calculated with net dividends reinvested in U.S. dollars. Prior data is calculated with gross dividends.

The MSCI Emerging Markets Index (MSCI Emerging Markets NTR) is a free float-adjusted market capitalization index that is designed to measure equity market performance of emerging markets.

The MSCI AC (All Country) Asia Pacific Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of the developed and emerging markets in the Asia Pacific region. The index consists of the following 14 developed and emerging market countries: Australia, China, Hong Kong, India, Indonesia, Japan, Korea, Malaysia, New Zealand, Pakistan, Philippines, Singapore, Taiwan and Thailand.

The EURO STOXX 50 Index provides a Blue-chip representation of supersector leaders in the Eurozone. The index covers 50 stocks from 11 countries: Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain.

The Bloomberg U.S. Universal Index (BBG US Universal TR Value) measures the performance of U.S. dollar-denominated taxable bonds that are rated either investment-grade or high yield. The index includes U.S. Treasury bonds, investment-grade and high yield U.S. corporate bonds, mortgage-backed securities, and Eurodollar bonds.

The Bloomberg Intermediate Corporate Index (BBG Int Corp TR Value) measures the investment grade, fixed-rate taxable corporate bond market.

The Russell 3000 Growth Index is an unmanaged index comprised of those Russell 3000 companies with higher price-to-book ratios and higher forecasted growth values. The stocks in this index are also members of either the Russell 1000 Growth or the Russell 2000 Growth indices. Source: Frank Russell Company.

The Russell 2500 Growth Index (Russell 2500 Growth TR) is designed to measure the performance of those Russell 2500 companies with higher price-to-book ratios and higher forecasted growth values.

The Russell 2500 Index (Russell 2500 TR) measures the performance of the 2,500 smallest companies in the Russell 3000 Index, with a weighted average market capitalization of approximately \$4.3 billion, median capitalization of \$1.2 billion and market capitalization of the largest company of \$18.7 billion.

The performance of any index is not indicative of the performance of any particular investment. Unless otherwise noted, index returns reflect the reinvestment of income dividends and capital gains, if any, but do not reflect fees, brokerage commissions or other expenses of investing. Investors may not make direct investments into any index.

Thornburg is regulated by the U.S. Securities and Exchange Commission under U.S. laws which may differ materially from laws in other jurisdictions. Any entity or person forwarding this to other parties takes full responsibility for ensuring compliance with applicable securities laws in connection with its distribution.

Thornburg Securities LLC, Distributor

Important Information



10 Largest Rising Rate Periods	
Intra-period trough-to-peak dates	Intra-period Trough-to-Peak Increase in US 10-year Yield
6/13/03 - 9/2/03	149bps
3/16/04 - 6/14/04	119bps
3/18/09 - 6/10/09	141bps
10/7/10 - 2/8/11	135bps
5/2/13 - 9/5/13	137bps
7/8/16 - 12/15/16	124bps
8/4/20 - 03/31/21	124bps
12/3/21 - 6/14/22	213bps
8/1/22 - 9/28/22	138bps
4/6/23 - 9/30/23	168bps

Periods where 10-year U.S. Treasury Yields Rose 40+ bps	
Intra-period trough-to-peak dates	Intra-period Trough-to-Peak Increase in US 10-year Yield
3/10/03 - 3/21/03	54bps
6/13/03 - 9/2/03	149bps
3/16/04 - 6/14/04	119bps
10/25/04 - 12/2/04	44bps
2/9/05 - 3/22/05	67bps
6/1/05 - 8/8/05	53bps
8/31/05 - 11/4/05	65bps
1/17/06 - 6/28/06	92bps
12/4/06 - 1/29/07	47bps
3/7/07 - 6/12/07	81bps
3/17/08 - 6/16/08	96bps
12/30/08 - 2/9/09	93bps
3/18/09 - 6/10/09	141bps
7/10/09 - 8/7/09	55bps
11/30/09 - 4/5/10	79bps
10/7/10 - 2/8/11	135bps
3/16/11 - 4/11/11	41bps
9/22/11 - 10/27/11	68bps

Periods where 10-year U.S. Treasury Yields Rose 40+ bps	
Intra-period trough-to-peak dates	Intra-period Trough-to-Peak Increase in US 10-year Yield
1/31/12 - 3/19/12	58bps
7/24/12 - 8/16/12	45bps
11/16/12 - 3/11/13	48bps
5/2/13 - 9/5/13	137bps
10/23/13 - 12/31/13	53bps
1/30/15 - 3/6/15	60bps
4/1/15 - 6/10/15	63bps
7/8/16 - 12/15/16	124bps
9/7/17 - 2/21/18	91bps
8/24/18-11/08/18	43bps
8/4/20 - 3/31/21	124bps
7/19/21 - 10/21/21	51bps
12/3/21 - 6/14/22	213bps
8/1/22- 9/28/22	138bps
12/15/22-12/28/22	44bps
2/2/23-3/2/23	67bps
4/6/23-10/19/23	168bps
12/27/23 - 4/25/24	91bps
9/16/24 -12/27/24	101 bps



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This communication is not authorized for distribution to prospective investors in the Fund unless preceded or accompanied by an effective prospectus. Investors should consider the Fund's investment objectives, risks, charges and expenses carefully before investing. The prospectus contains this and other information about the Fund.

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