The Case for Dividend Growth



Until 2022, dividend-based strategies lagged for several years primarily due to a combination of unprecedented outperformance from high "long duration" non-dividend paying growth stocks and the lagging performance of the defensive cohort within the dividend paying universe.

Catalysts for sustained outperformance:

- Short term: continued market volatility, recession risks
- Long-term: subdued market returns given the likelihood of prolonged sluggish economic growth, geopolitical risks, and somewhat higher inflation (i.e., absence of Fed "put")
- Broad increase in capital returns (following COVID-driven pause) over past eighteen months
- Fund flows shift to dividend payers as substitute for bonds
- Rising interest rates, depending on coinciding macro conditions

SIA Dividend Strategy

- High quality emphasis- strong balance sheets, FCF generation, ROIC-focused management teams
- Balance income and capital appreciation through disciplined framework
- Maintain 50-100 bp yield spread over S&P Index
- Manage risks through diversification, quality, valuation discipline, and tactical positions
- Growth-focused. All holdings expected to grow dividends over time

Current Fund Positioning

- Quality and diversification critical given macro cross-currents and cyclical risks
- Barbell most attractive pro-cyclicals (tech hardware, financials) with defensive/ non-cyclicals (P&C insurance, defense, utilities, REITs)
- Increased U.S. exposure given heightened Europe/ China "tail" risks, stronger \$USD
- Significant weightings to most attractive long-term growth sectors: technology, health care, and energy-related

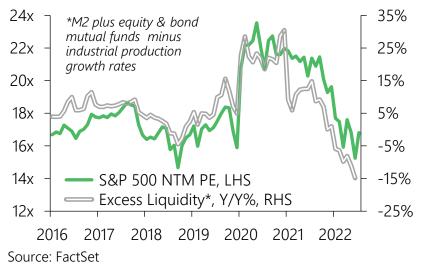


	Potential Ctrl. Bank Liquidity Injection		Potential Govt. Fiscal Stimulus		
-	\$ TIn	% GDP	\$ TIn	% GDP	
U.S.	6.21	27.0%	7.32	31.8%	
Euro Area	2.38	16.4%	4.94	34.0%	
Japan	1.03	20.8%	3.72	75.3%	
U.K.	0.57	17.9%	0.89	29.7%	
China	2.11	12.1%	1.10	6.3%	
Others*	1.71		3.45		
Total	14.01	14.6%	19.25	22.2%	

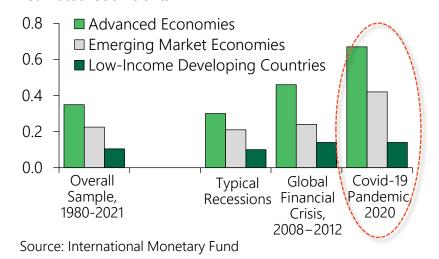
Announced Global Stimulus (Feb. 2020 - Sep. 2022)

Source: Piper Sandler

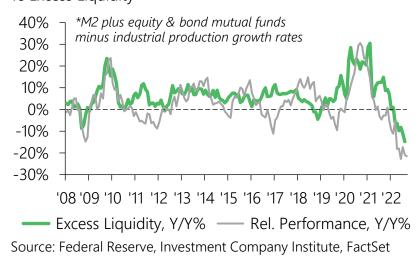
S&P 500 PE Ratio vs U.S. Excess Liquidity



Fiscal Responses in Large Crises Estimated Coefficients

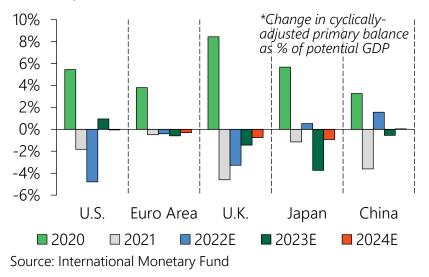


Non-Dividend/Dividend Payer Relative Performance vs Excess Liquidity*



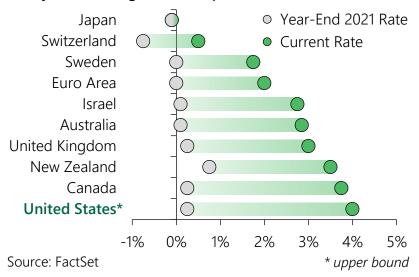


Source: Piper Sandler 9/31/22, IMF 10/17/22, Federal Reserve, Investment Company Institute 10/31/22

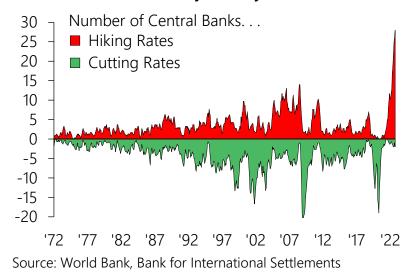


Fiscal Impulse*

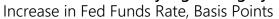
Policy Rate Changes, Developed Markets, YTD 2022

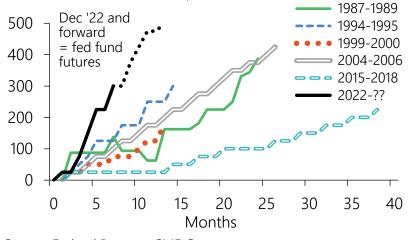


Global Central Bank Policy Rate Cycles



Pace of U.S. Monetary Tightening Cycles

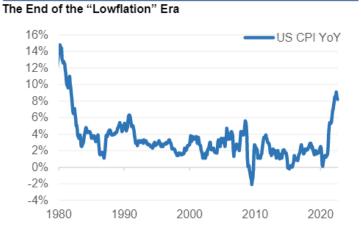




Source: Federal Reserve, CME Group

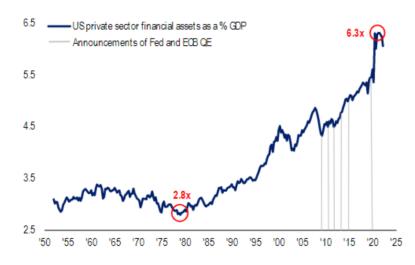
Source: IMF 10/17/22, World Bank, Bank for International Settlements 10/31/22, FactSet, 11/4/22 Federal Reserve, CME Group 11/4/22

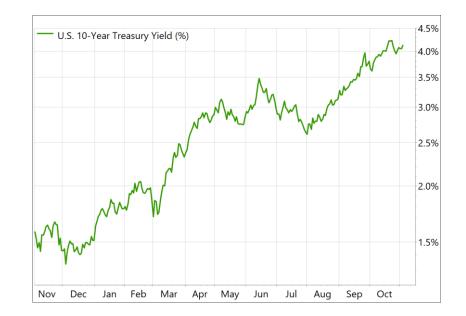




Source: Bloomberg, Evercore ISI Research

US private sector financial assets % of GDP





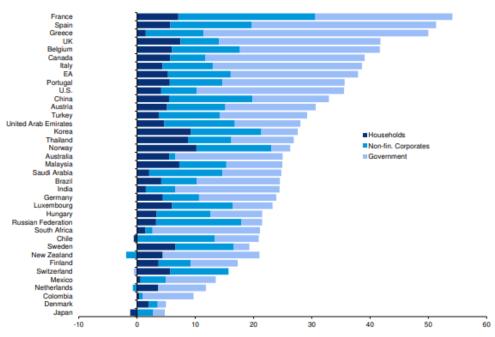
Large rise in leverage over the past decade

Change in global debt by sector, \$tn



Source: Bank of America/Merrill Lynch 7/28/22 & 7/19/21, Wall Street Journal 6/25/22 Factset Research Systems 11/3/22

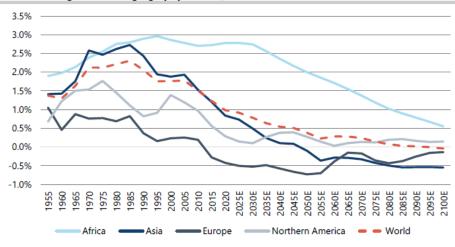




Change in debt-GDP, between Q4-2019 and Q4-2020 (pp)

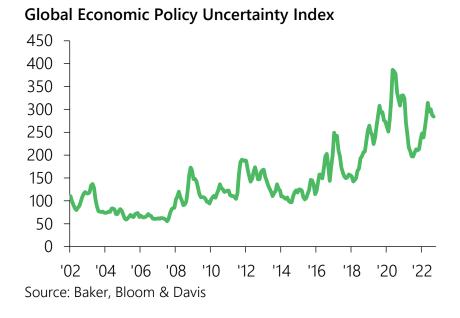
Source : IIF, BIS, IMF, National Sources, Deutsche Bank

Annual change in working age population, 1955-2100

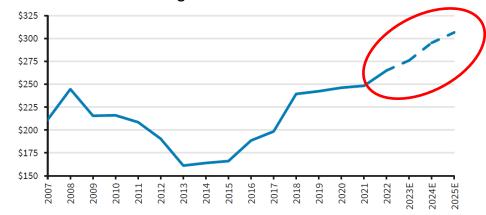




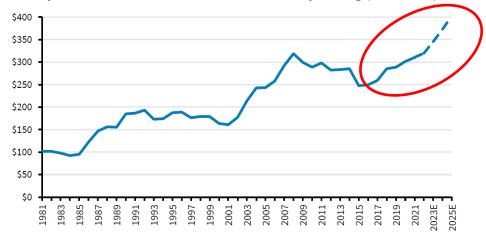
Source: Deutsche Bank Research 5/7/21, Jeffries 1/17/22



U.S. Modernization Budget Forecast FY23-25

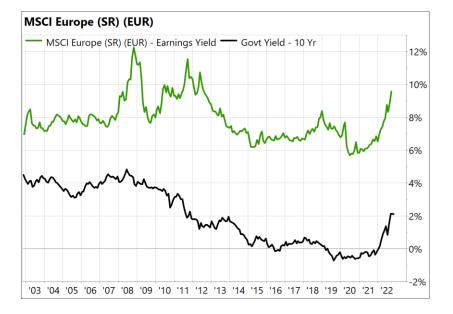


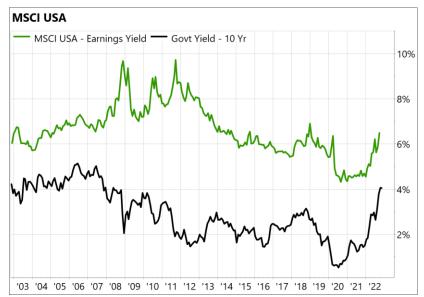
Europe NATO Members Nations – Defense Spending (Current \$)

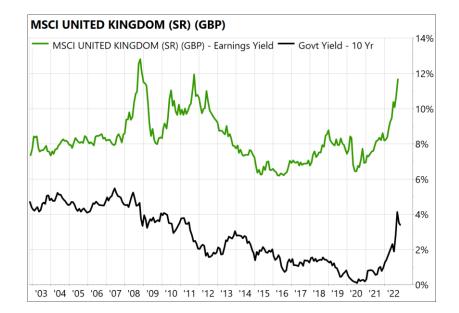


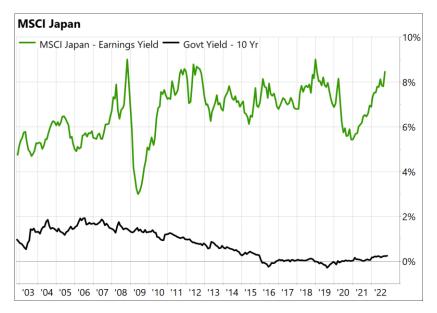


Source: Baker, Bloom & Davis 9/30/22, Barclays 7/14/22



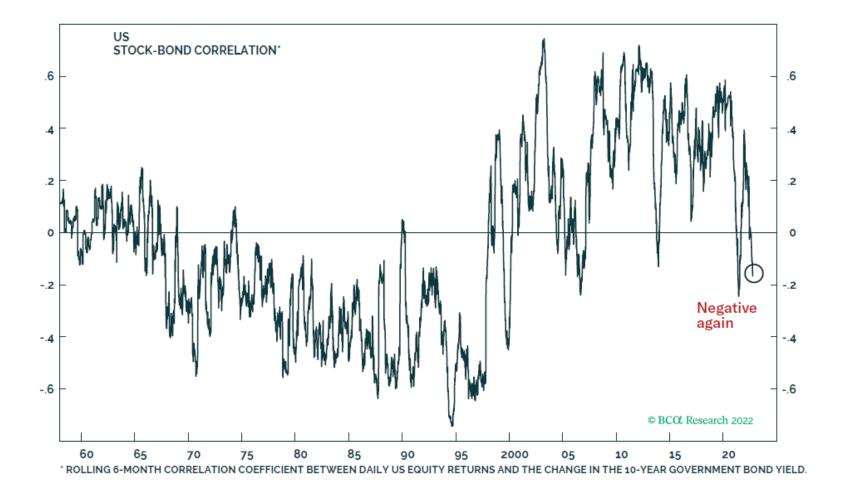






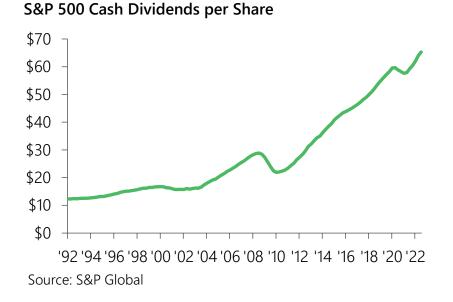
Source: Factset Research Systems 11/2/22



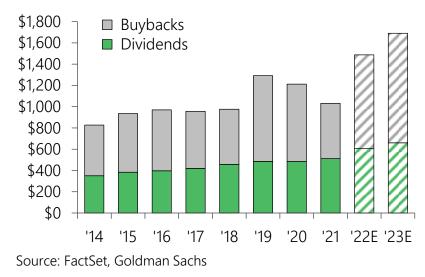




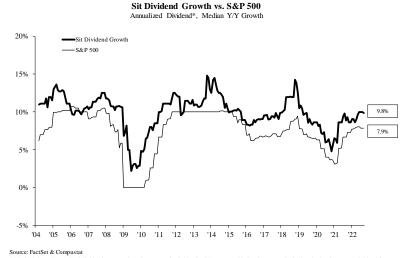
Source: BCA Research 9/30/22



S&P 500 Share Buybacks and Dividends (\$ Billions)

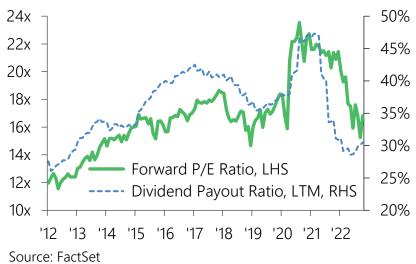






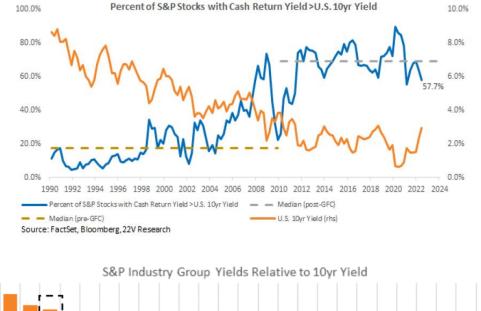
S&P 500 dividend payout ratio vs. Forward P/E

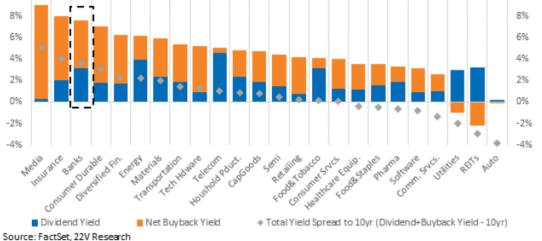
* Methodology: Annualized dividend payment based on quarterly dividend paid/announced in local currency, including the local currency dividend for ADR parent securities where applicable.



S&P 500 Forward P/E Ratio vs Dividend Payout Ratio

Source: FactSet, Goldman Sachs, & Compustat 10/31/22



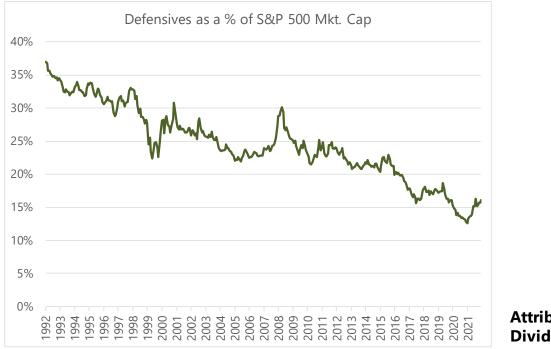




10%

Source: 22V Research 7/2022 & 10/16/22

10%



Defensives include: Telecommunication Services, Consumer Staples, Utilities, and Pharmaceuticals

Attribution **Dividend Payers vs. Non Dividend Payers** 6/29/2012 to 10/31/2022

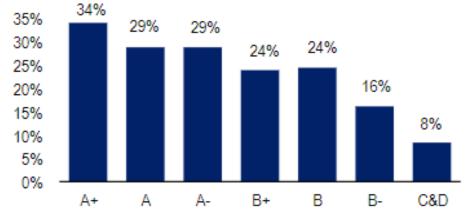
Total	100.00	247.56			
NO DIVIDEND	17.98	345.40			
DIVIDEND	82.02	240.14			
	Average Weight	Total Return			
	S&P 50	S&P 500			



Source: Factset Research Systems 10/31/22

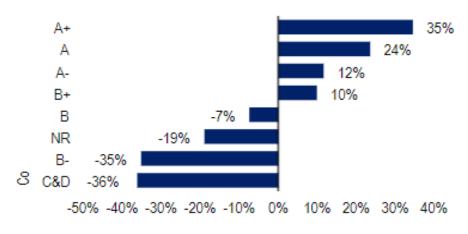
DECELERATING PROFIT CYCLE AND INCREASING VOLATILITY FAVORS QUALITY ORIENTATION

Average performance by S&P 500 Quality Ranks when the profits cycle decelerated (last seven cycles, 1988-present)



Source: BofA US Equity and Quant Strategy, S&P

BofA Quality Indices 12m Performance Correlation to 12m Changes in CBOE VIX (1986-4/30/2022)



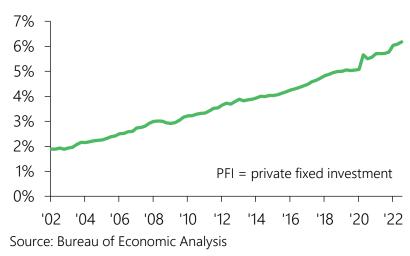
Source: BofA US Equity and Quant Strategy, Standard & Poor's

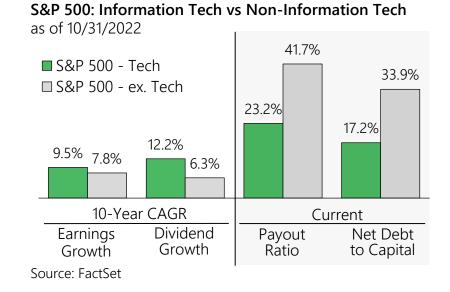
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Source: Bank of America/Merrill Lynch 6/1/22

TECHNOLOGY SECTOR ATTRACTIVE FOR DIVIDEND GROWTH INVESTORS

Real PFI: Information Processing Equipment & Software Percent of Real GDP

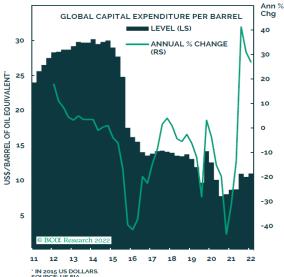




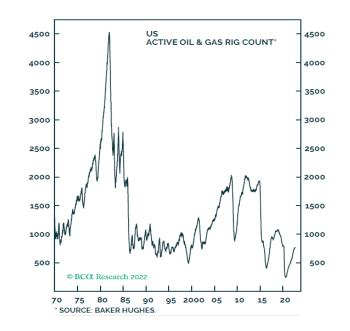
Attractive Tech Dividend Payers								
	<u>10-YR CAGR</u>							
				NTM P/E	NTM P/E			
COMPANY NAME	DIV. YIELD	DPS	EPS	(11/4/22)	(12/31/21)			
Accenture Plc	1.7%	11%	11%	22.5x	38.0x			
Genpact Limited	1.1%	n/a	8%	15.4x	19.8x			
Broadcom Inc.	3.5%	40%	26%	11.4x	19.8x			
Oracle Corporation	1.7%	18%	1%	14.6x	17.2x			
Microsoft Corporation	1.2%	12%	18%	21.9x	34.0x			
Analog Devices, Inc.	2.1%	10%	5%	15.1x	22.8x			
Skyworks Solutions, Inc.	2.8%	n/a	22%	8.8x	13.1x			
TE Connectivity Ltd.	1.9%	11%	11%	16.5x	22.1x			
Tech Group (Median)	1.8%	11%	11%	15.2x	21.0x			
S&P 500 (Median)	1.6%	9%	8%	17.0x	20.2x			

The mention of specific securities is not a recommendation to buy, sell, or hold any particular security and is not indicative of Sit Investment Associates, Inc.'s current or future trading activity.



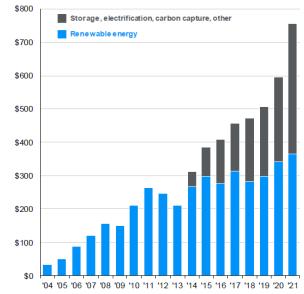


' IN 2015 US DOLLARS. SOURCE: US EIA. NOTE: BASED ON PUBLIC FINANCIAL STATEMENTS FROM GLOBAL OIL AND NATURAL GAS COMPANIES. THE VALUE FOR Q4 2015 HAS BEEN INTERPOLATED.



Global investment in energy transition

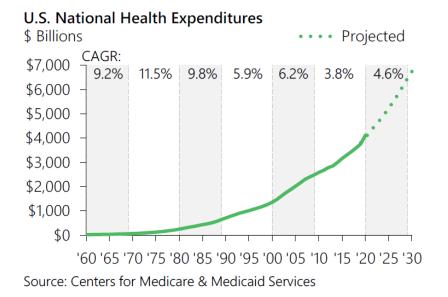






Source: BCA Research 9/30/22 JP Morgan 9/30/22

SECULAR CASE INTACT FOR HEALTH CARE

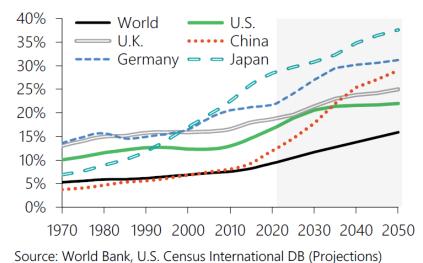


Projected Medicare Spending

Amount Per Enrollee +63% \$22,000 \$20,000 Total Medicare spending will double over the next decade \$18,000 to \$1.7 trillion in 2030 \$16,000 \$14,000 \$12,000 \$10,000 '20 '22 '24 '26 '28 '30 '16 '18 '10 '12 '14

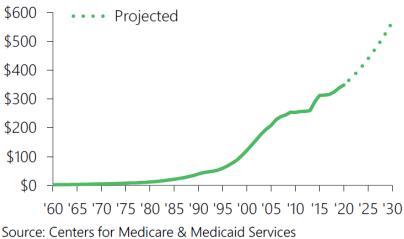
Source: U.S. Department of Health & Human Services

Population Age 65+



U.S. Prescription Drug Expenditures





Source: Centers for Medicare & Medicaid Services, World Bank, U.S. Census International DB, U.S. Department of Health & Human Services 11/2022



PRO-CYCLICAL GROUPS

- **Financials/Credit Sensitive:** Overweight. Valuations reflect recession risks more than any other sector. Credit trends stable, loan growth and NIM improving, with most banks increasing dividends post capital review. Higher rates support life insurers and the P&C sector, which is in midst of multi-year pricing cycle. Regardless of sub-industry, favor firms with strong capital positions and conservative investment portfolios.
- **Materials/Energy:** *Overweight.* Structural underinvestment in virtually all commodities amplified by Russia-Ukraine conflict; prefer energy to metals/materials given macro risks. Attractive as inflation/geopolitical hedge.
- Technology Hardware/Semiconductors: Overweight. Earnings risk largely discounted as valuations have compressed. Favor diversified semiconductor (outside of PCs) names growing via ever-increasing "content" stories in *everything*. Emphasizing exposure to cloud/5G exposure, auto/electric vehicles, industrial, defense.
- Industrials: Equal weight. Peaking fundamentals, but backlogs support near-term growth. Supply chain pressures largely offset by pricing.
 Emphasizing infrastructure, "electrification", commercial aerospace, and automation plays. Slowdown in Europe and China are key risks.
- **Transports:** *Equal weight*. Pricing beginning to erode in some modes (i.e., air freight, truck) just as goods spending is decelerating as consumer shift to service spending. Favor rail as re-opening/commodity export beneficiary.
- **Consumer Cyclicals:** Underweight. Consumer balance sheets healthy (in aggregate) as job growth accelerates, but risk from "mean reversion" as spending shifts from goods to services as economy normalizes. Labor, energy, and transport costs are major headwinds for many sub-groups.
- Technology Software/Services/Internet: Underweight. Lack of dividends and elevated valuations are primary factors driving underweight.
 Prefer IT service firms and select software. Higher interest rates remain a challenge to valuations via "duration effect," while growth is slowing in formerly "hot" areas (AI, cloud, etc.)



NON-CYCLICAL/DEFENSIVE GROUPS

- Healthcare: Overweight. Valuations attractive on achievable expectations; favor US based service companies (HMO's/hospitals) and med-tech
 over bio/pharma given drug pricing risks. Sector trading at 30% discount to consumer staples and overall markets despite much stronger
 growth prospects. Minimal "rotation risk" due to interest rates or if market sentiment improves (i.e., to "risk on").
- Utilities: Overweight. Valuations high but best hedge (by far) against macro "tail" risk given EPS visibility, immune to U.S. dollar swings, inflation/supply chain pressures. Growth (5-8%) supported by rate base and underappreciated renewables (wind, solar, T&D) growth, boosted by recently passed IRA.
- **P&C Insurance:** Overweight. Pricing improving following significant catastrophe and COVID-related losses. Higher interest rates boosting investment income. Favor commercial over personal lines.
- Defense: Overweight. Russia-Ukraine will likely mark an inflection point in defense budgets, with Europe the key driver.
- **REITS:** *Equal weight*. Valuations generally attractive (including 3-5% dividend yields), fundamentals broadly improving for most subsectors with limited new supply pressure. Rising rates and persistent inflation a key risk.
- **Consumer Staples:** *Equal Weight.* High valuations and slow growth, margin pressure from price/input costs, substitution risk from private label. Beverages and consolidation stories attractive.
- **Telecommunications:** *Underweight.* Defensive with modest growth, high dividend yields, and attractive valuations. Underweight telco providers given debt and competitive concerns; favor 5G exposure via tower companies.



IMPORTANT DISCLOSURES

This analysis contains the collective opinions of our analysts and portfolio managers and is provided for informational purposes only. While the information is accurate at the time of writing, such information is subject to change at any time without notice, and therefore, so may the investment decisions of Sit Investment Associates.

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