Market Update and Portfolio Review

January 31, 2023



We are proud to announce that ACG has again been named a Greenwich Associates Quality Leader – recognized as one of the top consultants in the industry.

Methodology and Disclosure: Between July and October 2021, Coalition Greenwich (previously known as Greenwich Associates), conducted in-person and phone interviews and online surveys with 811 professionals at 661 of the largest tax-exempt funds in the United States, including corporate and union funds, public funds, endowments and foundations, insurance general accounts, and healthcare organizations, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset managers and investment consultants, including qualitative assessments of those firms soliciting their business and detailed information on important market trends. ACG is one of four firms recognized in the mid-size investment consultant category. The ratings may not be representative of any one client's experience with ACG; rather they are representative of those clients that chose to participate in the survey. The results are not indicative of ACG's future performance. ACG does not pay to have its clients participate in the study.



Economic Overview

US GDP growth remained strong with an annualized growth rate of 2.9% in Q4 and 2.1% overall increase for calendar year 2022

4%

- Data supported a deceleration in Fed tightening, with headline CPI declining to 6.5% in December and wage growth declining to 4.6% н.
- Global growth remains under pressure, but China's reopening and a mild European winter helped those regions exceed Q4 GDP expectations

Cash yields remain attractive

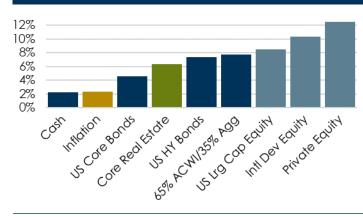
Market Returns

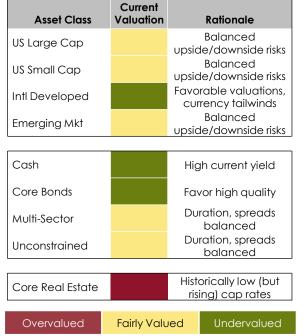
- GDP growth, lower inflation helped equity markets rally
- Bond indices performed well amid strong investor demand



Source: Bloomberg, ACG Research (as of 1/31/2023)

Average Annual Return Assumptions (Next 10 Years)





Asset Class Valuations - Rebalancing Rationale

Equity valuations improved as prices fell in 2022

Favor investment grade credit over high yield

Recent Articles (click on links below)

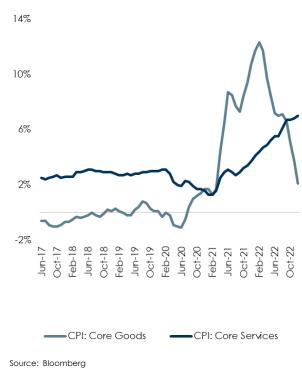
China Reopening (January)

Restoring the Fixed Income Foundation (December) Mid-Term Elections (October)

Key Risk Factors We Are Watching

- Inflation and labor market data
- Tightening financial conditions
- Downward revisions to corporate earnings
- Ongoing geopolitical tensions
- Regulatory policy shifts (US and China in particular)

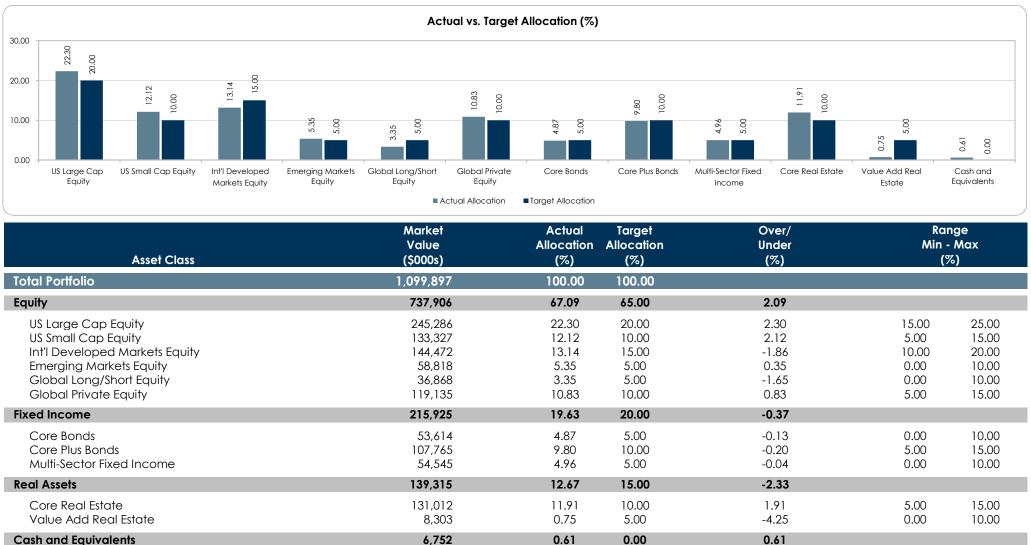
Elevated Services Inflation Still a Fed Concern



3

ACG ASSET CONSULTING GROUP

For the Periods Ending January 31, 2023



For the Periods Ending January 31, 2023

	Jan 2023 Market Value (\$000s)	Dec 2022 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Total Portfolio (01/92)	1,099,897	1,047,884	100.00	5.07	5.11	-6.59	5.55	5.05	7.06	7.61
Policy Index ¹				5.32	5.91	-5.41	5.52	5.51	7.38	7.79
US Large Cap Equity (04/10) S&P 500	245,286	225,360	22.30	8.84 6.28	11.06 8.74	-9.96 -8.22	10.07 9.88	9.52 9.54	13.20 12.68	12.65 12.41
US Small Cap Equity (11/09) Russell 2000	133,327	122,359	12.12	8.95 9.75	15.11 14.03	-4.56 -3.38	9.33 7.51	6.82 5.54	9.90 9.36	12.34 11.23
Non-US Equity (04/94) MSCI ACWI ex US	203,290	189,082	18.48	7.52 8.13	8.82 11.54	-9.48 -5.22	3.26 4.12	1.81 1.85	4.84 4.68	5.70 5.54
Global Long/Short Equity (04/10) MSCI ACWI HFRI FOF: Strategic	36,868	39,035	3.35	4.90 7.19 2.75	8.49 9.88 3.48	-6.67 -7.54 -4.87	-1.13 7.33 3.36	0.47 6.06 2.05	4.13 8.80 3.40	4.19 8.65 3.07
Global Private Equity (12/01) *	119,135	121,187	10.83	0.07	-2.19	-3.05	18.04	14.47	12.06	6.24
Fixed Income (10/90) Bloomberg US Aggregate	215,925	208,449	19.63	3.58 3.08	0.93 0.02	-8.16 -8.36	-2.72 -2.35	-0.01 0.86	1.24 1.43	6.00 5.18
Real Assets (06/99) Real Assets Blended Index ²	139,315	140,901	12.67	-0.94 0.00	-5.23 -4.84	4.14 6.59	8.20 8.98	6.32 6.42	7.07 6.42	7.15 6.45
Cash and Equivalents (06/11)	6,752	1,510	0.61	0.42	1.98	2.24	0.98	1.51	1.02	0.93

Fiscal YTD is June 30.

* Performance is reported net of fees.

¹ Policy Index: Effective October 2019, the index consists of 35.00% S&P 500, 10.00% Russell 2000, 15.00% MSCI ACWI ex US, 30.00% Bloomberg US Aggregate, 10.00% NFI ODCE Net.

² Real Assets Blended Index: Effective October 2019, the index consists of 100.0% NFI ODCE Net.

For the Periods Ending January 31, 2023

	Jan 2023 Market Value (\$000s)	Dec 2022 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Equity										
US Large Cap Equity Hotchkis and Wiley (30 bp) (05/90) Russell 1000 Value	77,122	70,276	7.01	9.74 5.18	19.46 11.60	1.94 -0.43	13.49 8.54	8.28 6.94	12.53 10.15	10.87 9.94
NT S&P 500 Index Fund (1 bp) (08/08) S&P 500	99,780	93,882	9.07	6.28	8.74 8.74	-0.43 -8.21 -8.22	9.94 9.88	9.54 9.54	12.68	9.94 10.63 10.61
Polen (50 bp) (01/19) Russell 1000 Growth	68,384	61,203	6.22	11.73 8.33	5.77 6.73	-23.17 -16.02	4.49 9.89	 11.22	 14.53	12.66 16.26
US Small Cap Equity										
Kennedy Capital (89 bp) (07/93) Russell 2000 Value	66,264	61,021	6.02	8.59 9.54	17.47 13.29	0.84 -0.52	14.42 9.94	8.06 5.78	11.34 8.84	12.61 9.68
Wellington (80 bp) (09/16) Russell 2000 Growth	67,063	61,338	6.10	9.30 9.95	13.06 14.77	-9.80 -6.50	3.72 4.26	5.03 4.68	 9.54	9.06 8.39
International Developed Markets Equity Mondrian International (52 bp) (01/05) MSCI EAFE	75,894	70,204	6.90	8.10 8.11	8.41 15.13	-4.51 -2.33	2.63 4.74	1.00 2.63	4.72 5.44	4.85 5.09
MSCI EAFE Value Barings Focused EAFE Plus Equity (40 bp) (02/12) MSCI ACWI ex US	68,579	64,063	6.24	7.74 7.05 8.13	15.94 12.86 11.54	1.34 -5.82 -5.22	5.09 3.58 4.12	1.23 1.84 1.85	4.28 5.21 4.68	4.26 5.47 5.53
Emerging Markets Equity William Blair EM Leaders (76 bp) (10/16)	42,411	39,410	3.86	7.62 7.91	4.45	-15.09	0.17 1.77	0.02		5.55
MSCI Emerging Markets Wasatch Advisors (110 bp) (07/12) MSCI EM SC	16, 407	15,406	1.49	6.62 5.94	4.95 6.25 9.00	-11.73 -26.50 -8.61	5.58 9.12	-1.11 5.17 1.52	2.45 5.14 3.91	4.90 6.31 5.26
Long/Short Equity Grosvenor (80 bp) (02/08)	300	306	0.03	-1.74	-7.95	-10.28	0.43	1.41	4.61	3.30
MSCI ACWI HFRI FOF: Strategic	24 540	20 700	2 20	7.19 2.75	9.88 3.48	-7.54 -4.87	7.33 3.36	6.06 2.05	8.80 3.40	6.49 1.88
K2 Ascent (27 bp) (08/20) MSCI ACWI HFRI FOF: Strategic	36,568	38,729	3.32	4.96 7.19 2.75	8.65 9.88 3.48	-6.66 -7.54 -4.87	 7.33 3.36	 6.06 2.05	 8.80 3.40	-0.00 8.81 3.68
Private Equity (12/01) *	119,135	121,187	10.83	0.07	-2.19	-3.05	18.04	14.47	12.06	6.24

* Performance is reported net of fees.

For the Periods Ending January 31, 2023

	Jan 2023 Market Value (\$000s)	Dec 2022 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Fixed Income										
Core Bonds NT Aggregate Index Fund (2 bp) (04/04) Bloomberg US Aggregate	53,614	52,033	4.87	3.04 3.08	0.07 0.02	-8.26 -8.36	-2.32 -2.35	0.91 0.86	1.46 1.43	3.10 3.10
Core Plus Bonds TCW Asset Management (34 bp) (10/93) Bloomberg US Aggregate	107,765	104,022	9.80	3.59 3.08	0.23 0.02	-8.97 -8.36	-1.42 -2.35	1.76 0.86	2.29 1.43	5.10 4.43
Multi Sector Fixed Income Loomis Sayles (35 bp) (09/21) Bloomberg Gov't/Credit	54,545	52,395	4.96	4.11 3.01	3.27 0.08	-6.54 -8.75		 1.04	 1.55	-6.70 -8.45
Real Assets										
Real Estate JPM Strategic Property Fund (92 bp) (04/12) NFI ODCE Net	108,323	108,894	9.85	-0.30 0.00	-6.46 -4.84	3.10 6.59	8.43 8.98	7.46 7.73	9.46 9.11	9.67 9.07
UBS Trumbull Property Fund (68 bp) (01/13) NFI ODCE Net	17,888	18,904	1.63	-5.20 0.00	-5.19 -4.84	5.90 6.59	5.71 8.98	4.34 7.73	6.98 9.11	6.92 9.03
Colcord Center (11/07) ³	4,800	4,800	0.44	-0.40	5.72	1.68	6.17	5.62	5.85	5.39
Value Add Real Estate (02/22)	8,303	8,303	0.75	0.00	8.10	19.98				19.98
Cash and Equivalents (03/10)	6,752	1,510	0.61	0.42	1.98	2.24	0.98	1.51	1.02	0.88

³ Performance is based on monthly cash flows and an annual appraisal valuation.

Investment management fee estimates stated after the manager names are calculated based on March 31, 2021 market values and exclude performance based fees.

Global Private Equity

For the Period Ending January 31, 2023

Summary of Cash Flows for 1 Month

Cash Outflows	Cash Inflows	Net Cash Flows
	2,132,636	2,132,636

Summary of Portfolio Inception to Date

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
Total	Dec-01	200,185,000	135,782,367	68,378,673	74,473,499	119,134,789	193,608,288	1. 43 x
AMRI	Dec-01	8,000,000	8,352,692	-	9,400,696	-	9,400,696	1.13x
Knightsbridge VI	Dec-04	10,000,000	9,506,658	493,342	15,170,861	2,138,198	17,309,059	1.82x
AMR / APEP II	Dec-05	10,000,000	10,110,724	18,407	12,616,531	27,721	12,644,252	1.25x
Knightsbridge VII	Aug-08	7,500,000	6,247,505	1,252,495	12,607,622	6,228,501	18,836,123	3.01x
Apollo VIII	Feb-14	10,000,000	10,509,941	1,127,375	11,176,070	3,889,727	15,065,797	1.43x
Warburg Pincus XII	Dec-15	10,000,000	9,865,000	135,000	10,234,297	10,548,665	20,782,962	2.11x
Apollo IX	Mar-19	8,500,000	7,589,230	2,692,672	2,710,546	7,297,652	10,008,198	1.32x
Warburg Pincus Global Growth	Mar-19	40,000,000	35,180,000	4,820,000	290,000	46,728,430	47,018,430	1.34x
FirstMark Capital Opportunity Fund III	Jun-20	5,000,000	5,075,000	-	126,123	5,217,718	5,343,841	1.05x
CVI Credit Value Fund A V LP	Jul-20	15,000,000	9,750,000	5,250,000	-	10,028,246	10,028,246	1.03x
FirstMark Capital Fund V	Jul-20	5,000,000	3,200,000	1,800,000	114,914	4,238,906	4,353,820	1.36x
Oaktree Opportunities Fund XI	Aug-20	15,000,000	7,500,000	7,500,000	25,839	9,108,358	9,134,197	1.22x
Francisco Partners Agility II	Sep-20	4,050,000	1,970,325	2,079,675	-	2,180,797	2,180,797	1.11x
Francisco Partners VI	Jan-21	12,135,000	8,925,292	3,209,708	-	9,569,333	9,569,333	1.07x
Warburg Pincus Global Growth 14	Jun-22	10,000,000	2,000,000	8,000,000	-	1,932,537	1,932,537	0.97x
FirstMark Capital OF IV		5,000,000	-	5,000,000	-	-	-	-
FirstMark Capital VI		5,000,000	-	5,000,000	-	-	-	-
Francisco Partners Agility III		5,000,000	-	5,000,000	-	-	-	-
Francisco Partners VII		15,000,000	-	15,000,000	-	-	-	-

Cash Flow Activity for 1 Month

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total				2,132,636	2,132,636
Warburg Pincus XII	1/09/2023	Distribution	-	2,072,600	
FirstMark Capital Fund V	1/17/2023	Distribution	-	60,036	

Value Add Real Estate

For the Period Ending January 31, 2023

Summary of Cash Flows for 1 Month

Cash Outflows	Cash Inflows	Net Cash Flows

Summary of Portfolio Inception to Date

	Inception Date	Committed	Drawn to Date	Remaining Commitment	Distributions to Date	Adjusted Ending Value	Total Value	Total Value to Paid-in
Total	Jan-22	69,000,000	7,400,000	61,600,000		8,303,049	8,303,049	1.12x
Starwood Distressed Opp. Fund XII	Jan-22	30,000,000	6,000,000	24,000,000	-	6,903,049	6,903,049	1.15x
Angelo Gordon XI	Oct-22	20,000,000	1,400,000	18,600,000	-	1,400,000	1,400,000	1.00x
Blackstone Real Estate Partners X		19,000,000	-	19,000,000	-	-	-	-

Cash Flow Activity for 1 Month

Fund Name	Date	Transaction Type	Cash Outflows	Cash Inflows	Net Cash Flows
Total					

Market Overview

For the Periods Ending January 31, 2023

	1 Month (%)	FYTD (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)
Equity Markets - Core						
S&P 500	6.28	8.74	-8.22	9.88	9.54	12.68
Russell 1000	6.70	9.16	-8.55	9.66	9.38	12.51
Russell Mid Cap	8.30	14.18	-3.33	9.02	8.02	11.11
Russell 2000	9.75	14.03	-3.38	7.51	5.54	9.36
Equity Markets - Growth						
Russell 1000 Growth	8.33	6.73	-16.02	9.89	11.22	14.53
Russell Mid Cap Growth	8.73	15.47	-8.52	6.46	8.26	11.67
Russell 2000 Growth	9.95	14.77	-6.50	4.26	4.68	9.54
Equity Markets - Value						
Russell 1000 Value	5.18	11.60	-0.43	8.54	6.94	10.15
Russell Mid Cap Value	8.08	13.49	-0.69	9.31	6.89	10.17
Russell 2000 Value	9.54	13.29	-0.52	9.94	5.78	8.84
International Markets						
MSCI EAFE	8.11	15.13	-2.33	4.74	2.63	5.44
MSCI ACWI ex US	8.13	11.54	-5.22	4.12	1.85	4.68
MSCI World	7.10	10.53	-6.99	8.10	7.05	9.64
MSCI Emerging Markets	7.91	4.95	-11.73	1.77	-1.11	2.45
MSCI EM SC	5.94	9.00	-8.61	9.12	1.52	3.91
Fixed Income						
ICE BofA ML 1-3 Yr Treasury	0.69	-0.16	-2.35	-0.36	0.97	0.74
Bloomberg Intermediate Agg	2.36	0.12	-5.99	-1.56	0.97	1.28
Bloomberg Intermediate G/C	1.87	0.27	-5.13	-1.12	1.28	1.34
Bloomberg US Aggregate	3.08	0.02	-8.36	-2.35	0.86	1.43
Bloomberg Gov't/Credit	3.01	0.08	-8.75	-2.37	1.04	1.55
ICE BofA ML High Yield Master II	3.91	7.32	-5.14	1.05	2.77	4.20
FTSE World Govt Bond	3.19	-1.02	-13.84	-5.27	-2.25	-0.78
Bloomberg Multiverse	3.32	0.87	-11.42	-3.71	-1.17	0.13

Disclosures and Legal Notice

This report was prepared by ACG using information from sources that may include the following: client's custodian(s); client's investment manager(s); ACG Investment Manager Database and Client Reporting Tool; third party data vendors; and other outside sources as may be directed by the client. Index Characteristics utilized in this report are obtained from third party data providers and may be different than index characteristics reported by investment managers/funds due to varied calculation methodologies and data sources. Although the information presented herein has been obtained from and is based upon sources ACG believes to be reliable, no representation or warranty, express or implied, is made as to the accuracy or completeness of that information. Accordingly, ACG does not itself endorse or guarantee, and does not itself assume liability whatsoever for, the accuracy or reliability of any third party data or the financial information contained herein.

The information presented herein is for informational purposes only and is not intended as an offer to sell or the solicitation of an offer to purchase a security.

This report is provided as a management tool for the client's internal use only. Information contained in this report does not constitute a recommendation by ACG.

This report may contain confidential or proprietary information and may not be copied or redistributed to any party not legally entitled to receive it.

Past performance is not indicative of future results. Any comparison to an index is for comparative purposes only. An investment cannot be made directly into an index. Indices are unmanaged and do not reflect the deduction of advisory fees.

This report is distributed with the understanding that it is not rendering accounting, legal or tax advice. Please consult your legal or tax advisor concerning such matters. No assurance can be given that the investment objectives described herein will be achieved and investment results may vary substantially on a quarterly, annual or other periodic basis. There is no representation or warranty as to the current accuracy of, nor liability for, decisions based on such information.

© 2023 Asset Consulting Group. All Rights Reserved. Asset Consulting Group is the sole owner of all rights, title, and interest to the materials, methodologies, techniques, and processes set forth herein, including any and all intellectual property rights. No part of this document may be reproduced, stored, or transmitted by any means without the express written consent of Asset Consulting Group.