FISCAL YEAR 2023

# COLLEGE AND UNIVERSITY FLASH STATISTICS REPORT





# **CONTENTS**

NOTES ON THE DATA	1
FIGURES	
1. Summary of Investment Pool Returns	2
2. Summary of Investment Pool Returns by Asset Size	3
3. Performance Reporting Methodologies: Private Investments	4
4. Performance Reporting Methodologies: Calculation of Net Returns	5
5. FY 2023 Total Return and Performance Reporting Methodologies	
by Institution	6
6. Trailing 3-, 5-, 10-, and 20-Year Total Returns by Institution	11
7. Nominal Total Return, Standard Deviation, and Sharpe Ratio by Institution	16
8. Mean Asset Allocation by Asset Size	21
9. Historical Mean Asset Allocation Trends	22
10. Detailed Asset Allocation by Institution	23
PARTICIPANTS	33

# Notes on the Data

# **DATA COLLECTION AND RESULTS**

This report includes data for 160 colleges and universities. 22 are public institutions, 26 are foundations affiliated with public institutions, and 112 are private institutions. All participants provided investment pool return and asset allocation data as of June 30, 2023. The notation of n denotes the number of institutions included in each analysis.

The 160 participants in this study reported long-term investment portfolio (LTIP) assets as of June 30, 2023, totaling \$644 billion. The mean LTIP size was \$4.0 billion, and the median was \$1.2 billion.

21 participants have an LTIP size less than \$200 million, while 92 have an asset size greater than \$1 billion. The remaining 47 participants have an LTIP size between \$200 million and \$1 billion. The participants with LTIP sizes greater than \$1 billion controlled 96% of the aggregate LTIP assets.

In Figures 8 and 10, US equity includes funds that invest primarily in the United States; global ex US equity developed includes funds that invest primarily in developed markets outside the United States; emerging markets equity includes funds that invest primarily in emerging markets regions; and global equity includes funds that have meaningful exposure across two or more of the aforementioned regions. In Figure 9, the summary asset allocation categories align with how the entire asset allocation framework is displayed in Figure 8.

# **CALCULATION OF THE REAL RATE OF RETURN**

The real, or inflation-adjusted, rate of return for a given investment is calculated by dividing the nominal total return by the appropriate deflator for the same time period. Throughout the report, the deflation measure used for this purpose is the Consumer Price Index. Note that simply subtracting the deflator from the nominal total return does not result in an accurate computation of real total return. The formula is:

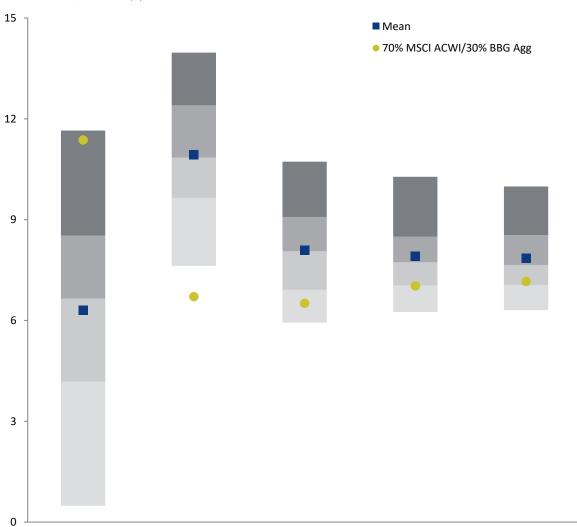
# **BLENDED PORTFOLIO BENCHMARKS**

Throughout the report, the 70/30 simple portfolio benchmarks are calculated assuming rebalancing occurs on the final day of each quarter.

The MSCI indexes contained in this report are net of dividend taxes for global ex US securities. ■

FIGURE 1 SUMMARY OF INVESTMENT POOL RETURNS

Years Ended June 30, 2023 • Percent (%)



	1 Year	3 Years	5 Years	10 Years	20 Years
5th %ile	11.7	14.0	10.7	10.3	10.0
25th %ile	8.5	12.4	9.1	8.5	8.5
Median	6.7	10.8	8.1	7.7	7.7
75th %ile	4.2	9.6	6.9	7.0	7.0
95th %ile	0.5	7.6	5.9	6.3	6.3
Mean	6.3	10.9	8.1	7.9	7.8
n	160	158	155	151	135
70/30 Index	11.4	6.7	6.5	7.0	7.2

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.

Note: Three-, five-, ten-, and 20-year returns are annualized.



# FIGURE 2 SUMMARY OF INVESTMENT POOL RETURNS BY ASSET SIZE

Periods Ended June 30, 2023 • Percent (%)

	1 Year	3 Years	5 Years	10 Years	20 Years
Less Than \$200M					
5th Percentile	12.0	10.5	7.4	7.3	7.5
25th Percentile	11.3	9.8	7.0	7.1	7.2
Median	9.6	8.8	6.4	6.8	6.9
75th Percentile	7.0	7.6	5.8	6.3	6.6
95th Percentile	4.9	6.1	4.1	5.8	6.1
Mean	9.1	8.6	6.2	6.7	6.8
n	21	19	19	18	12
\$200M-\$500M					
5th Percentile	12.1	12.5	9.0	8.3	8.5
25th Percentile	9.5	11.4	8.4	7.8	7.7
Median	8.3	10.4	7.5	7.1	7.1
75th Percentile	6.7	9.5	6.9	6.6	6.7
95th Percentile	4.3	7.9	6.2	6.1	6.2
Mean	8.4	10.3	7.6	7.2	7.2
n	32	32	32	31	27
\$500M-\$1B					
5th Percentile	10.0	13.4	8.8	8.1	7.9
25th Percentile	7.9	12.2	8.4	7.7	7.2
Median	7.4	11.2	7.6	7.2	7.0
75th Percentile	5.9	9.8	6.7	6.8	6.7
95th Percentile	4.9	8.4	6.2	6.3	6.4
Mean	7.2	11.0	7.6	7.2	7.1
n	15	15	15	15	13
\$1B-\$3B					
5th Percentile	9.2	13.9	10.8	10.1	9.2
25th Percentile	8.1	12.6	9.2	8.8	8.5
Median	6.0	11.7	8.4	8.1	7.7
75th Percentile	4.0	10.4	7.6	7.5	7.2
95th Percentile	1.0	9.1	6.5	6.7	6.6
Mean	5.7	11.5	8.5	8.2	7.9
n	49	49	46	44	41
More Than \$3B					
5th Percentile	9.9	14.2	11.0	10.9	10.7
25th Percentile	5.3	13.1	10.1	9.7	9.7
Median	3.9	12.1	9.2	8.6	8.6
75th Percentile	1.9	10.4	7.9	8.1	8.1
95th Percentile	-1.9	8.6	6.2	7.2	7.1
Mean	3.7	11.7	9.0	8.9	8.8
n	43	43	43	43	42

Source: College and university data as reported to Cambridge Associates LLC.

Note: Three-, five-, ten-, and 20-year returns are annualized.



# FIGURE 3 PERFORMANCE REPORTING METHODOLOGIES: PRIVATE INVESTMENTS

As of June 30, 2023

# All Colleges and Universities

# No PI Lagged Allocation Current Basis 2% Basis 12% 86%

# C&Us By Asset Size

	Current	Lagged	No PI
	Basis	Basis	Allocation
Less Than \$200M	86%	_	14%
n	18		3
\$200M-\$500M	100%	_	_
n	32		
\$500M-\$1B	93%	7%	_
n	14	1	
\$1B-\$3B	82%	18%	_
n	40	9	
More Than \$3B	79%	21%	_
n	34	9	

# **Current Basis**

Total investment pool return for the trailing one-year period includes marketable asset performance and private investment performance for July 1, 2022, to June 30, 2023.

	Marketa	ble Assets			
3Q22	4Q22	1Q23	2Q23	7	
Private Investments					

# **Lagged Basis**

Total investment pool return for the trailing one-year period includes marketable asset performance for July 1, 2022, to June 30, 2023, and private investment performance for April 1, 2022, to March 31, 2023.



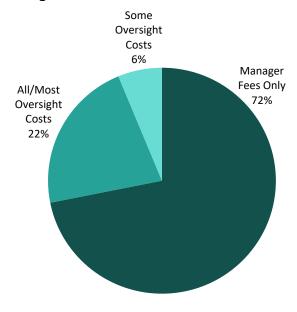
Source: College and university data as reported to Cambridge Associates LLC.

Note: Institutions with no significant private investment allocations (<1% of their total investment portfolios) are reflected in the No PI Allocation category in the pie graph and table by asset size.

# FIGURE 4 PERFORMANCE REPORTING METHODOLOGIES: CALCULATION OF NET RETURNS

Types of Expenses Deducted in FY 2023 Net Return Calculation

# All Colleges & Universities



# **C&Us By Asset Size**

		All/Most	Some
	Manager	Oversight	Oversight
	Fees Only	Costs	Costs
Less Than \$200M	100%	_	_
n	21		
\$200M-\$500M	97%	3%	_
n	31	1	
\$500M-\$1B	67%	27%	7%
n	10	4	1
\$1B-\$3B	67%	22%	10%
n	33	11	5
More Than \$3B	47%	44%	9%
n	20	19	4

# **Manager Fees Only**

Only external manager fees are deducted in the net return calculation. Investment oversight expenses are not netted against the return.

# All/Most Oversight Costs

External manager fees plus all or most oversight expenses are deducted in the net return calculation, including the major oversight cost drivers (i.e., investment staff compensation).

# **Some Oversight Costs**

External manager fees plus some oversight expenses are deducted in the net return calculation. However, returns are gross of investment staff compensation that typically represents the largest portion of internal investment office expenses.



As of June 30, 2023 • Percent (%)

	Naminal	Deel	Private	Deirota lavantarant	
Cada	Nominal	Real	Investment	Private Investment	Not Donostino Mother delega
Code	Return	Return	Allocation	Methodology	Net Reporting Methodolog
1	10.5	7.3	36.2	Current	Manager Fees Only
2	13.6	10.3	17.5	Current	Manager Fees Only
3	4.4	1.4	24.6	Current	Manager Fees Only
4	10.0	6.8	3.8	Current	Manager Fees Only
5	6.0	3.0	33.6	Current	Manager Fees Only
6	11.5	8.2	0.0	N/A	Manager Fees Only
7	2.9	0.0	53.2	Current	All/Most Oversight Costs
8	2.7	-0.3	54.3	Current	Manager Fees Only
9	5.6	2.6	25.5	Current	Manager Fees Only
10	6.9	3.8	33.3	Current	Some Oversight Costs
11	8.2	5.1	32.8	Current	Manager Fees Only
12	8.8	5.7	20.1	Current	Manager Fees Only
13	-2.3	-5.1	66.1	Current	Manager Fees Only
14	6.4	3.3	39.2	Current	Manager Fees Only
15	4.3	1.2	47.6	Current	Manager Fees Only
16	5.4	2.4	39.2	Current	Manager Fees Only
17	5.8	2.8	30.5	Lagged	Manager Fees Only
18	6.2	3.2	36.9	Lagged	Manager Fees Only
19	7.5	4.4	38.8	Current	Manager Fees Only
20	9.5	6.3	27.8	Current	Manager Fees Only
21	5.2	2.2	42.3	Lagged	Some Oversight Costs
22	7.0	3.9	34.8	Current	All/Most Oversight Costs
23	7.6	4.5	34.4	Current	Some Oversight Costs
24	6.0	2.9	23.8	Lagged	Some Oversight Costs
25	1.6	-1.4	49.2	Current	Manager Fees Only
26	8.4	5.3	38.1	Current	Manager Fees Only
27	7.5	4.4	22.8	Current	Manager Fees Only
28	-0.2	-3.0	48.1	Current	Manager Fees Only
29	11.7	8.4	10.1	Current	Manager Fees Only
30	11.5	8.2	25.1	Lagged	Some Oversight Costs
31	5.2	2.2	72.9	Current	Manager Fees Only
32	8.1	5.0	33.4	Current	Manager Fees Only
33	7.7	4.6	15.3	Current	Manager Fees Only
34	7.0	3.9	41.9	Current	Manager Fees Only
35	9.4	6.2	26.2	Current	Manager Fees Only
	3.1	0.2		Carrent	a.ragar reca anny
Mean	6.3	3.2	33.4		
Median	6.7	3.6	34.7		
n	160	160	160		

Source: College and university data as reported to Cambridge Associates LLC.



As of June 30, 2023 • Percent (%)

		5 .	Private	B	
	Nominal	Real	Investment	Private Investment	
Code	Return	Return	Allocation	Methodology	Net Reporting Methodology
36	-1.0	-3.9	51.3	Current	Manager Fees Only
37	4.1	1.1	49.3	Current	All/Most Oversight Costs
38	6.3	3.2	37.7	Current	Manager Fees Only
39	6.0	3.0	11.6	Current	Manager Fees Only
40	-1.9	-4.7	47.6	Current	All/Most Oversight Costs
41	7.2	4.1	29.8	Current	Manager Fees Only
42	9.9	6.7	24.9	Current	Manager Fees Only
43	9.1	5.9	23.7	Current	Manager Fees Only
44	11.7	8.4	6.6	Current	Manager Fees Only
45	5.7	2.7	34.2	Lagged	All/Most Oversight Costs
46	6.9	3.8	34.3	Current	All/Most Oversight Costs
47	2.9	0.0	0.0	N/A	Manager Fees Only
48	8.9	5.8	28.4	Lagged	All/Most Oversight Costs
49	8.1	4.9	24.2	Current	Manager Fees Only
50	11.9	8.7	18.2	Current	Manager Fees Only
51	8.2	5.1	43.7	Current	All/Most Oversight Costs
52	7.4	4.3	32.9	Current	Manager Fees Only
53	8.5	5.3	33.4	Current	Manager Fees Only
54	4.3	1.3	43.5	Current	Manager Fees Only
55	5.2	2.2	32.2	Current	All/Most Oversight Costs
56	3.2	0.2	39.8	Current	Manager Fees Only
57	9.6	6.5	10.7	Current	Manager Fees Only
58	11.2	8.0	17.8	Current	Manager Fees Only
59	7.9	4.8	32.1	Current	Manager Fees Only
60	4.7	1.7	40.5	Current	Manager Fees Only
61	7.1	4.0	35.7	Current	Manager Fees Only
62	6.0	2.9	46.2	Lagged	Manager Fees Only
63	4.6	1.5	37.3	Current	All/Most Oversight Costs
64	3.5	0.5	53.9	Lagged	Manager Fees Only
65	9.1	5.9	29.2	Current	Manager Fees Only
66	-0.4	-3.3	48.7	Lagged	All/Most Oversight Costs
67	7.4	4.3	21.6	Current	Manager Fees Only
68	8.9	5.7	22.1	Current	Manager Fees Only
69	5.6	2.6	47.6	Lagged	Manager Fees Only
70	7.0	3.9	25.6	Current	Manager Fees Only
	-				<u> </u>
Mean	6.3	3.2	33.4		
Median	6.7	3.6	34.7		
n	160	160	160		

Source: College and university data as reported to Cambridge Associates LLC.



As of June 30, 2023 • Percent (%)

			Private		
	Nominal	Real	Investment	Private Investment	
Code	Return	Return	Allocation	Methodology	Net Reporting Methodology
71	3.5	0.5	41.0	Current	Some Oversight Costs
72	6.9	3.8	38.7	Lagged	All/Most Oversight Costs
73	8.2	5.1	23.6	Current	Manager Fees Only
74	12.1	8.8	16.3	Current	Manager Fees Only
75	4.6	1.6	39.8	Current	Manager Fees Only
76	6.3	3.2	34.7	Current	Manager Fees Only
77	-1.7	-4.5	50.0	Current	All/Most Oversight Costs
78	-2.1	-4.9	40.7	Lagged	Manager Fees Only
79	4.1	1.1	45.3	Current	Manager Fees Only
80	8.2	5.1	27.7	Current	Manager Fees Only
81	9.3	6.1	29.8	Current	Manager Fees Only
82	6.7	3.6	15.5	Current	Manager Fees Only
83	6.8	3.7	11.9	Current	Manager Fees Only
84	8.8	5.7	28.7	Current	Manager Fees Only
85	5.9	2.8	36.3	Current	Manager Fees Only
86	9.4	6.3	11.3	Current	Manager Fees Only
87	5.3	2.3	36.0	Current	Manager Fees Only
88	9.4	6.2	36.2	Lagged	Manager Fees Only
89	7.7	4.6	24.2	Current	Manager Fees Only
90	3.5	0.5	46.1	Current	All/Most Oversight Costs
91	15.3	12.0	1.2	Current	Manager Fees Only
92	2.1	-0.8	54.7	Current	All/Most Oversight Costs
93	7.5	4.4	43.4	Current	All/Most Oversight Costs
94	6.9	3.9	60.9	Current	Manager Fees Only
95	6.7	3.6	30.1	Current	Manager Fees Only
96	1.8	-1.1	59.0	Current	All/Most Oversight Costs
97	4.5	1.4	40.1	Current	All/Most Oversight Costs
98	10.7	7.5	10.3	Current	All/Most Oversight Costs
99	1.8	-1.1	37.6	Lagged	All/Most Oversight Costs
100	-2.9	-5.7	54.2	Current	All/Most Oversight Costs
101	2.0	-0.9	40.8	Current	Manager Fees Only
102	1.3	-1.6	56.4	Current	Some Oversight Costs
103	9.5	6.3	27.4	Current	Manager Fees Only
104	7.1	4.0	17.6	Current	Manager Fees Only
105	4.0	1.0	46.5	Current	Manager Fees Only
103	0	1.0	10.3	Current	Manager rees only
Mean	6.3	3.2	33.4		
Median	6.7	3.6	34.7		
n	160	160	160		

Source: College and university data as reported to Cambridge Associates LLC.



As of June 30, 2023 • Percent (%)

			Private		
	Nominal	Real	Investment	Private Investment	
Code	Return	Return	Allocation	Methodology	Net Reporting Methodology
106	4.2	1.2	53.7	Current	All/Most Oversight Costs
107	1.3	-1.6	49.6	Current	Manager Fees Only
108	8.1	5.0	20.2	Current	All/Most Oversight Costs
109	8.4	5.3	36.0	Current	Manager Fees Only
110	12.2	8.9	6.5	Current	Manager Fees Only
111	4.9	1.8	24.7	Current	Manager Fees Only
112	7.8	4.7	36.7	Current	Manager Fees Only
113	4.3	1.3	39.0	Current	Manager Fees Only
114	4.3	1.3	27.5	Current	Manager Fees Only
115	7.6	4.5	31.2	Current	Manager Fees Only
116	8.4	5.3	28.2	Current	Manager Fees Only
117	4.0	1.0	52.3	Current	All/Most Oversight Costs
118	10.7	7.5	9.2	Current	Manager Fees Only
119	5.2	2.2	41.5	Current	Manager Fees Only
120	5.2	2.2	40.0	Current	Manager Fees Only
121	8.5	5.3	17.7	Current	Manager Fees Only
122	8.9	5.8	16.7	Current	Manager Fees Only
123	0.6	-2.3	47.2	Current	Manager Fees Only
124	4.7	1.7	40.0	Current	All/Most Oversight Costs
125	3.7	0.7	46.8	Current	Manager Fees Only
126	5.3	2.3	24.4	Current	Manager Fees Only
127	1.5	-1.4	50.4	Current	Manager Fees Only
128	4.0	1.0	42.0	Lagged	All/Most Oversight Costs
129	3.5	0.5	29.0	Current	Some Oversight Costs
130	12.0	8.8	6.3	Current	Manager Fees Only
131	11.3	8.1	0.0	N/A	Manager Fees Only
132	8.3	5.2	26.1	Current	Manager Fees Only
133	11.0	7.8	16.9	Current	Manager Fees Only
134	9.1	6.0	34.7	Current	All/Most Oversight Costs
135	9.8	6.6	17.6	Current	Manager Fees Only
136	11.9	8.7	2.3	Current	Manager Fees Only
137	3.6	0.6	41.8	Current	Some Oversight Costs
138	5.1	2.1	41.4	Current	Manager Fees Only
139	2.9	-0.1	45.0	Current	All/Most Oversight Costs
140	6.6	3.6	35.9	Current	All/Most Oversight Costs
Mean	6.3	3.2	33.4		
Median	6.7	3.6	34.7		
n	160	160	160		

Source: College and university data as reported to Cambridge Associates LLC.



As of June 30, 2023 • Percent (%)

			Private		
	Nominal	Real	Investment	Private Investment	
Code	Return	Return	Allocation	Methodology	Net Reporting Methodology
141	4.4	1.4	48.6	Current	All/Most Oversight Costs
142	4.1	1.1	39.9	Current	Manager Fees Only
143	3.0	0.0	47.8	Current	Manager Fees Only
144	11.4	8.2	18.2	Current	Manager Fees Only
145	4.7	1.7	34.3	Current	Manager Fees Only
146	8.7	5.6	35.0	Current	Manager Fees Only
147	2.7	-0.3	49.9	Current	Manager Fees Only
148	0.5	-2.4	49.0	Current	Manager Fees Only
149	9.0	5.8	30.8	Current	Manager Fees Only
150	5.1	2.1	40.2	Current	Some Oversight Costs
151	10.1	7.0	21.4	Lagged	All/Most Oversight Costs
152	9.6	6.5	20.2	Current	Manager Fees Only
153	5.0	2.0	32.2	Current	Manager Fees Only
154	3.3	0.4	42.1	Current	Manager Fees Only
155	7.0	4.0	34.2	Current	All/Most Oversight Costs
156	3.8	0.8	36.8	Lagged	Manager Fees Only
157	8.1	5.0	47.6	Current	Manager Fees Only
158	3.9	0.9	34.1	Lagged	All/Most Oversight Costs
159	5.4	2.3	42.8	Current	All/Most Oversight Costs
160	8.2	5.1	44.5	Current	All/Most Oversight Costs

Mean	6.3	3.2	33.4
Median	6.7	3.6	34.7
n	160	160	160

Source: College and university data as reported to Cambridge Associates LLC.



Average Annual Compound Returns for Periods Ended June 30, 2023 • Percent (%)

	3 Ye	ar	5 Years		10 Ye	10 Years		20 Years	
Code	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real	
1	8.3	2.4	6.2	2.2	6.9	4.1	_	_	
2	11.9	5.7	10.2	6.0	_	_	_	_	
3	12.1	5.9	8.2	4.1	7.4	4.6	8.0	5.3	
4	7.2	1.3	5.7	1.7	6.2	3.4	_	_	
5	10.6	4.5	8.5	4.4	8.8	5.9	7.1	4.4	
6	7.8	1.9	6.0	2.0	7.1	4.3	_	_	
7	12.4	6.3	10.1	6.0	9.9	7.0	8.7	5.9	
8	14.8	8.5	11.4	7.2	10.3	7.4	9.1	6.4	
9	11.8	5.7	7.4	3.4	7.7	4.9	7.3	4.6	
10	11.3	5.2	6.5	2.5	6.6	3.8	7.9	5.2	
11	13.6	7.4	9.2	5.1	9.1	6.2	8.5	5.8	
12	11.6	5.5	8.7	4.6	8.5	5.7	_	_	
13	13.0	6.8	11.2	7.0	9.4	6.5	8.6	5.9	
14	10.3	4.3	6.6	2.6	6.2	3.4	6.3	3.7	
15	14.1	7.8	9.0	4.9	8.5	5.6	7.9	5.2	
16	8.8	2.8	6.0	2.0	_	_	_	_	
17	9.9	3.9	6.3	2.3	7.0	4.2	6.5	3.8	
18	11.9	5.8	8.8	4.7	7.6	4.7	6.8	4.1	
19	12.2	6.0	9.0	4.9	8.3	5.4	7.2	4.5	
20	12.3	6.2	8.6	4.6	8.1	5.3	_	_	
21	11.8	5.7	8.3	4.2	7.6	4.7	7.7	5.0	
22	10.0	4.0	7.4	3.4	7.5	4.6	7.4	4.7	
23	9.8	3.8	5.4	1.4	7.0	4.2	7.2	4.6	
24	10.6	4.6	7.7	3.6	8.2	5.3	8.2	5.5	
25	13.0	6.8	10.8	6.6	10.7	7.7	10.0	7.2	
26	11.8	5.7	9.0	4.9	8.4	5.5	8.6	5.9	
27	10.7	4.7	9.0	4.9	8.6	5.8	9.2	6.4	
28	11.3	5.2	7.9	3.9	8.3	5.4	9.0	6.2	
29	8.5	2.6	6.9	2.9	7.2	4.4	_	_	
30	10.3	4.3	7.4	3.3	7.3	4.5	7.1	4.4	
31	14.8	8.5	10.5	6.3	9.7	6.8	9.9	7.1	
32	10.7	4.6	6.4	2.4	6.5	3.7	6.6	3.9	
33	9.2	3.3	6.6	2.6	6.8	3.9	6.2	3.5	
34	8.9	2.9	6.1	2.1	7.2	4.4	7.1	4.4	
35	9.5	3.6	6.9	2.9	7.0	4.2	6.9	4.2	
Mean	10.9	4.9	8.1	4.0	7.9	5.1	7.8	5.1	
Median	10.8	4.8	8.1	4.0	7.7	4.9	7.7	5.0	
n	158	158	155	155	151	151	135	135	

Source: College and university data as reported to Cambridge Associates LLC.

Note: Real returns are adjusted for inflation as measured by the Consumer Price Index.



Average Annual Compound Returns for Periods Ended June 30, 2023 • Percent (%)

	3 Ye	ar	5 Ye	5 Years 10		ears	20 Ye	ars
Code	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
36	15.0	8.7	10.4	6.2	9.8	6.9	10.2	7.4
37	12.6	6.4	10.3	6.1	9.7	6.8	9.9	7.1
38	_	_	_	_	_	_	_	_
39	6.2	0.4	4.1	0.2	4.9	2.1	6.1	3.4
40	13.8	7.6	9.5	5.4	8.3	5.4	8.7	5.9
41	11.7	5.6	8.9	4.8	8.2	5.4	8.5	5.8
42	10.8	4.7	8.4	4.3	7.8	4.9	7.6	4.9
43	12.3	6.1	8.9	4.8	8.2	5.3	8.0	5.3
44	10.2	4.2	7.2	3.2	6.9	4.1	_	_
45	12.6	6.5	7.7	3.7	7.7	4.9	7.0	4.3
46	10.2	4.2	8.1	4.0	8.3	5.5	8.3	5.6
47	_	_	_	_	_	_	_	_
48	11.9	5.8	8.4	4.3	7.6	4.7	7.4	4.7
49	10.9	4.8	7.1	3.1	6.8	4.0	7.6	4.9
50	10.0	4.0	6.9	2.9	6.5	3.7	_	_
51	10.2	4.1	7.5	3.4	8.3	5.4	8.3	5.6
52	14.3	8.1	9.3	5.2	8.0	5.2	7.6	4.9
53	9.5	3.6	6.6	2.6	7.1	4.2	_	_
54	11.4	5.3	10.0	5.9	9.6	6.7	9.0	6.3
55	9.5	3.5	7.8	3.7	7.4	4.6	7.5	4.8
56	11.2	5.1	9.1	5.0	8.6	5.7	8.5	5.8
57	8.5	2.6	6.2	2.2	6.4	3.6	_	_
58	11.8	5.7	8.0	4.0	7.4	4.6	7.1	4.4
59	10.7	4.7	7.3	3.2	7.1	4.3	6.6	3.9
60	8.6	2.6	7.0	3.0	8.0	5.2	9.5	6.8
61	12.2	6.1	8.3	4.3	8.0	5.1	8.0	5.3
62	11.2	5.2	8.2	4.1	_	_	_	_
63	7.4	1.6	6.0	2.1	6.0	3.2	6.3	3.6
64	14.2	8.0	9.3	5.2	8.6	5.7	8.3	5.6
65	10.1	4.1	7.7	3.7	7.5	4.6	7.5	4.8
66	14.0	7.7	10.3	6.1	9.7	6.8	9.4	6.7
67	11.4	5.3	7.6	3.5	7.4	4.6	6.8	4.1
68	12.7	6.5	8.6	4.5	7.7	4.9	7.1	4.4
69	12.1	6.0	8.7	4.6	8.6	5.7	7.8	5.1
70	11.0	5.0	7.0	3.0	6.5	3.7	6.6	3.9
Mean	10.9	4.9	8.1	4.0	7.9	5.1	7.8	5.1
Median	10.8	4.8	8.1	4.0	7.7	4.9	7.7	5.0
n	158	158	155	155	151	151	135	135

Source: College and university data as reported to Cambridge Associates LLC. Note: Real returns are adjusted for inflation as measured by the Consumer Price Index.



Average Annual Compound Returns for Periods Ended June 30, 2023 • Percent (%)

	3 Ye	ar	5 Ye	rs 10 Years		ears	20 Years	
Code	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
71	9.0	3.0	_	_	_	_	_	_
72	11.7	5.6	7.4	3.3	7.3	4.4	6.5	3.9
73	9.0	3.1	7.5	3.5	6.8	3.9	6.4	3.7
74	10.1	4.1	7.3	3.3	7.0	4.2	6.4	3.7
75	9.2	3.2	8.1	4.0	7.8	4.9	8.2	5.5
76	10.5	4.4	8.6	4.6	8.2	5.3	8.0	5.3
77	12.5	6.3	9.8	5.7	10.8	7.8	10.5	7.7
78	6.8	0.9	6.8	2.8	7.4	4.6	4.4	1.7
79	12.1	6.0	10.3	6.2	9.1	6.2	8.1	5.4
80	10.6	4.6	8.0	3.9	7.0	4.2	6.1	3.4
81	10.2	4.1	7.5	3.4	7.4	4.5	7.7	5.0
82	9.8	3.8	7.7	3.7	6.6	3.8	6.5	3.9
83	9.6	3.6	6.5	2.5	6.5	3.7	7.0	4.3
84	11.9	5.8	9.1	5.0	8.3	5.5	7.2	4.5
85	13.0	6.9	8.6	4.5	7.7	4.8	8.0	5.3
86	8.5	2.6	6.2	2.2	6.0	3.2	_	_
87	10.9	4.9	7.6	3.6	6.8	4.0	7.2	4.6
88	12.2	6.1	7.6	3.6	7.6	4.8	7.7	5.0
89	10.4	4.4	6.8	2.8	7.0	4.2	7.6	4.9
90	12.4	6.3	9.2	5.1	_	_	_	_
91	7.3	1.5	5.9	1.9	7.9	5.1	_	_
92	14.1	7.9	10.8	6.7	9.7	6.8	8.6	5.9
93	12.8	6.6	8.6	4.6	7.7	4.9	_	_
94	13.9	7.7	_	_	_	_	_	_
95	13.1	6.9	9.2	5.1	8.1	5.3	7.5	4.8
96	12.9	6.7	10.2	6.0	10.9	8.0	10.9	8.2
97	11.5	5.4	8.3	4.2	8.4	5.5	8.3	5.6
98	10.6	4.6	7.2	3.2	7.2	4.4	7.2	4.5
99	12.7	6.6	9.1	5.0	8.1	5.2	7.8	5.1
100	12.7	6.5	11.0	6.8	11.5	8.6	11.1	8.3
101	13.1	7.0	10.0	5.9	9.8	6.9	10.0	7.2
102	13.1	6.9	10.7	6.6	10.5	7.6	10.7	7.9
103	9.6	3.6	6.9	2.9	7.3	4.5	7.0	4.3
104	8.0	2.1	7.0	3.0	6.6	3.7	_	_
105	12.0	5.9	8.4	4.3	7.6	4.7	7.6	4.9
Mean	10.9	4.9	8.1	4.0	7.9	5.1	7.8	5.1
Median	10.8	4.8	8.1	4.0	7.7	4.9	7.7	5.0
n	158	158	155	155	151	151	135	135

Source: College and university data as reported to Cambridge Associates LLC. Note: Real returns are adjusted for inflation as measured by the Consumer Price Index.



Average Annual Compound Returns for Periods Ended June 30, 2023 • Percent (%)

	3 Ye	ar	5 Ye	ars	10 Ye	ears	20 Ye	ars
Code	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
106	13.4	7.2	10.0	5.9	9.4	6.5	9.2	6.4
107	12.7	6.5	9.5	5.4	9.7	6.8	8.8	6.1
108	9.2	3.2	6.8	2.8	6.6	3.8	_	_
109	10.6	4.5	7.6	3.5	7.0	4.2	7.7	5.0
110	8.0	2.1	6.5	2.5	7.2	4.4	7.4	4.7
111	8.8	2.8	7.4	3.4	7.1	4.3	7.2	4.5
112	9.9	3.9	6.8	2.7	6.7	3.8	6.2	3.6
113	9.1	3.1	_	_	_	_	_	_
114	9.4	3.5	7.0	3.0	7.0	4.2	6.8	4.1
115	11.2	5.1	8.1	4.0	7.0	4.2	7.0	4.4
116	10.4	4.4	8.1	4.0	8.4	5.5	8.0	5.2
117	13.4	7.2	9.2	5.1	9.4	6.5	9.0	6.2
118	10.2	4.2	6.8	2.8	7.2	4.4	7.4	4.7
119	11.6	5.5	7.5	3.5	7.5	4.6	7.6	4.9
120	11.9	5.8	8.7	4.6	8.3	5.5	8.9	6.1
121	9.1	3.2	5.7	1.7	6.0	3.2	6.1	3.5
122	7.8	1.9	6.1	2.1	5.9	3.1	6.3	3.7
123	13.7	7.5	11.5	7.4	11.7	8.7	11.0	8.2
124	9.8	3.8	8.5	4.4	8.6	5.7	7.5	4.8
125	13.2	7.1	9.3	5.2	8.4	5.6	8.3	5.6
126	9.7	3.7	6.5	2.5	6.6	3.8	7.1	4.4
127	13.9	7.7	10.8	6.6	10.2	7.3	9.6	6.8
128	13.4	7.2	9.6	5.5	9.4	6.5	8.4	5.7
129	7.7	1.8	6.1	2.1	6.7	3.9	7.3	4.6
130	8.1	2.2	6.4	2.4	6.3	3.5	6.7	4.0
131	9.2	3.2	6.5	2.5	7.2	4.4	6.8	4.2
132	6.9	1.1	5.7	1.8	6.4	3.6	7.0	4.3
133	7.3	1.4	5.1	1.1	6.9	4.1	_	_
134	13.5	7.3	10.1	5.9	8.9	6.0	7.7	5.0
135	8.9	2.9	6.9	2.9	6.5	3.7	6.6	3.9
136	5.2	-0.6	4.0	0.1	5.9	3.1	7.2	4.5
137	10.7	4.7	8.4	4.3	8.2	5.3	8.0	5.3
138	11.3	5.2	8.2	4.2	8.1	5.2	8.8	6.0
139	10.5	4.5	9.1	5.0	8.2	5.3	8.8	6.1
140	10.5	4.5	7.8	3.8	8.1	5.3	8.1	5.4
Mean	10.9	4.9	8.1	4.0	7.9	5.1	7.8	5.1
Median	10.8	4.8	8.1	4.0	7.7	4.9	7.7	5.0
n	158	158	155	155	151	151	135	135

Source: College and university data as reported to Cambridge Associates LLC.

Note: Real returns are adjusted for inflation as measured by the Consumer Price Index.



Average Annual Compound Returns for Periods Ended June 30, 2023 • Percent (%)

	3 Ye	ear	5 Ye	ars	10 Years		20 Ye	ars
Code	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
141	11.9	5.8	9.5	5.4	9.5	6.6	9.7	7.0
142	11.3	5.2	8.8	4.7	7.9	5.1	7.8	5.1
143	11.1	5.0	9.2	5.1	9.9	7.0	9.5	6.7
144	9.9	3.9	6.7	2.7	6.4	3.6	6.7	4.1
145	11.9	5.8	8.3	4.3	8.1	5.3	8.0	5.3
146	13.1	6.9	9.0	4.9	7.9	5.1	7.1	4.4
147	14.1	7.8	13.3	9.1	11.3	8.3	9.8	7.0
148	10.4	4.3	10.1	5.9	9.7	6.8	8.8	6.1
149	10.5	4.5	6.5	2.5	7.0	4.2	7.0	4.3
150	12.6	6.5	10.1	6.0	9.2	6.3	8.3	5.6
151	8.8	2.9	6.5	2.5	8.3	5.5	6.6	3.9
152	10.1	4.1	7.3	3.3	6.7	3.9	7.2	4.5
153	9.6	3.6	6.9	2.9	7.0	4.2	7.0	4.3
154	9.1	3.1	7.5	3.4	7.2	4.4	8.6	5.9
155	12.2	6.0	7.9	3.9	7.5	4.7	6.7	4.0
156	13.3	7.1	8.8	4.7	8.1	5.2	7.9	5.2
157	10.6	4.5	8.3	4.2	7.7	4.9	7.1	4.5
158	12.4	6.3	10.1	6.0	9.0	6.1	8.8	6.1
159	10.4	4.4	8.1	4.0	8.3	5.4	8.2	5.5
160	10.2	4.1	8.7	4.6	8.8	5.9	8.1	5.3

Mean	10.9	4.9	8.1	4.0	7.9	5.1	7.8	5.1
Median	10.8	4.8	8.1	4.0	7.7	4.9	7.7	5.0
n	158	158	155	155	151	151	135	135

Source: College and university data as reported to Cambridge Associates LLC.

Note: Real returns are adjusted for inflation as measured by the Consumer Price Index.



FIGURE 7 NOMINAL TOTAL RETURN, STANDARD DEVIATION, AND SHARPE RATIO BY INSTITUTION

	5	Years (n = 150	)	10 Years (n = 146)		
		Standard	Sharpe		Standard	Sharpe
Code	AACR (%)	Dev (%)	Ratio	AACR (%)	Dev (%)	Ratio
1	6.2	14.9	0.37	6.9	11.1	0.57
2	10.2	17.8	0.55			
3	8.2	14.7	0.51	7.4	11.1	0.61
4	5.7	14.5	0.35	6.2	10.9	0.52
5	8.5	13.6	0.56	8.8	10.2	0.79
6	6.0	16.4	0.34	7.1	12.1	0.55
7	10.1	12.3	0.72	9.9	9.1	0.98
8	11.4	14.3	0.72	10.3	10.5	0.90
9	7.4	15.6	0.44	7.7	11.7	0.62
10	6.5	11.5	0.47	6.6	8.7	0.67
11	9.2	13.5	0.61	9.1	10.5	0.80
12	8.7	14.7	0.54	8.5	11.0	0.72
13	11.2	16.9	0.62	9.4	12.4	0.71
14	6.6	12.7	0.45	6.2	9.6	0.58
15	9.0	14.1	0.58	8.5	10.6	0.73
16	6.0	15.5	0.36			
17	6.3	12.1	0.44	7.0	9.3	0.68
18	8.8	13.5	0.58	7.6	10.2	0.68
19	9.0	12.7	0.62	8.3	9.5	0.79
20	8.6	14.2	0.55	8.1	10.8	0.69
21	8.3	11.3	0.63	7.6	8.4	0.80
22	7.4	11.0	0.57	7.5	8.3	0.80
23	5.4	12.8	0.35	7.0	9.6	0.66
24	7.7	12.0	0.55	8.2	9.0	0.81
25	10.8	11.9	0.79	10.7	9.0	1.08
26	9.0	15.3	0.54	8.4	11.3	0.69
27	9.0	18.7	0.47	8.6	13.7	0.60
28	7.9	12.4	0.55	8.3	9.2	0.81
29	6.9	13.4	0.45	7.2	10.1	0.65
30	7.4	13.3	0.49	7.3	9.7	0.68
31	10.5	11.3	0.81	9.7	8.5	1.02
32	6.4	13.4	0.42	6.5	9.9	0.59
33	6.6	13.8	0.43	6.8	10.4	0.59
34	6.1	13.3	0.40	7.2	10.0	0.65
35	6.9	14.6	0.43	7.0	10.8	0.60
5th Percentile	10.6	16.4	0.78	9.9	12.0	1.02
25th Percentile	9.1	15.0	0.62	8.4	11.1	0.81
Median	8.0	13.5	0.54	7.7	10.1	0.69
75th Percentile	6.9	12.5	0.44	7.0	9.3	0.59
95th Percentile	5.9	10.2	0.35	6.2	7.7	0.52
Mean	8.1	13.5	0.54	7.9	10.1	0.72
70/30 Benchmark	6.5	15.2	0.39	7.0	11.3	0.57

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.



FIGURE 7 NOMINAL TOTAL RETURN, STANDARD DEVIATION, AND SHARPE RATIO BY INSTITUTION (cont)

	5	Years (n = 150	))	10 Years (n = 146)		
		Standard	Sharpe		Standard	Sharpe
Code	AACR (%)	Dev (%)	Ratio	AACR (%)	Dev (%)	Ratio
36	10.4	13.3	0.69	9.8	9.9	0.90
37	10.3	15.4	0.61	9.7	11.4	0.79
38						
39	4.1	13.2	0.26	4.9	9.9	0.43
40	9.5	14.8	0.58	8.3	10.8	0.70
41	8.9	12.9	0.61	8.2	9.6	0.77
42	8.4	13.5	0.55	7.8	10.2	0.69
43	8.9	13.8	0.58	8.2	10.3	0.72
44	7.2	16.0	0.42	6.9	11.8	0.55
45	7.7	8.4	0.75	7.7	6.7	1.00
46	8.1	11.3	0.61	8.3	8.6	0.87
47						
48	8.4	11.6	0.63	7.6	8.6	0.79
49	7.1	14.3	0.44	6.8	10.8	0.58
50	6.9	13.8	0.44	6.5	10.3	0.57
51	7.5	12.7	0.51	8.3	9.4	0.79
52	9.3	14.5	0.59	8.0	10.8	0.68
53	6.6	12.7	0.45	7.1	9.5	0.66
54	10.0	12.4	0.71	9.6	9.2	0.95
55	7.8	13.1	0.52	7.4	9.7	0.69
56	9.1	15.0	0.55	8.6	11.0	0.72
57	6.2	16.2	0.36	6.4	11.7	0.51
58	8.0	15.6	0.48	7.4	11.6	0.59
59	7.3	15.1	0.44	7.1	11.4	0.58
60						
61	8.3	12.6	0.58	8.0	9.3	0.78
62	8.2	7.9	0.86			
63	6.0	12.0	0.42	6.0	8.9	0.59
64	9.3	9.5	0.83	8.6	7.4	1.03
65	7.7	14.8	0.47	7.5	11.2	0.62
66	10.3	9.6	0.92	9.7	7.2	1.20
67	7.6	16.5	0.43	7.4	12.3	0.57
68	8.6	14.3	0.54	7.7	10.6	0.67
69	8.7	11.6	0.65	8.6	8.8	0.88
70	7.0	14.4	0.44	6.5	10.8	0.55
5th Percentile	10.6	16.4	0.78	9.9	12.0	1.02
25th Percentile	9.1	15.0	0.62	8.4	11.1	0.81
Median	8.0	13.5	0.54	7.7	10.1	0.69
75th Percentile	6.9	12.5	0.44	7.0	9.3	0.59
95th Percentile	5.9	10.2	0.35	6.2	7.7	0.52
Mean	8.1	13.5	0.54	7.9	10.1	0.72
70/30 Benchmark	6.5	15.2	0.39	7.0	11.3	0.57

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.



FIGURE 7 NOMINAL TOTAL RETURN, STANDARD DEVIATION, AND SHARPE RATIO BY INSTITUTION (cont)

	5	Years (n = 150	))	10	10 Years (n = 146)		
		Standard	Sharpe		Standard	Sharpe	
Code	AACR (%)	Dev (%)	Ratio	AACR (%)	Dev (%)	Ratio	
71							
72	7.4	10.5	0.59	7.3	7.8	0.82	
73	7.5	13.5	0.49	6.8	10.1	0.61	
74	7.3	15.3	0.44	7.0	11.2	0.58	
75	8.1	14.0	0.51	7.8	10.5	0.68	
76	8.6	13.6	0.57	8.2	10.3	0.72	
77	9.8	10.9	0.77	10.8	8.3	1.17	
78	6.8	10.8	0.52	7.4	8.3	0.79	
79	10.3	14.7	0.64	9.1	11.0	0.77	
80	8.0	13.2	0.54	7.0	10.0	0.64	
81	7.5	15.2	0.45	7.4	11.1	0.61	
82	7.7	12.8	0.53	6.6	9.5	0.62	
83	6.5	15.8	0.38	6.5	11.7	0.52	
84	9.1	14.8	0.56	8.3	11.0	0.70	
85	8.6	13.0	0.59	7.7	10.1	0.69	
86	6.2	15.8	0.36	6.0	11.8	0.48	
87	7.6	15.7	0.45	6.8	11.7	0.55	
88	7.6	9.8	0.64	7.6	7.4	0.91	
89	6.8	15.1	0.41	7.0	11.1	0.58	
90	9.2	13.0	0.63				
91	5.9	16.0	0.34	7.9	11.9	0.62	
92	10.8	13.5	0.72	9.7	10.1	0.88	
93	8.6	13.3	0.58	7.7	10.0	0.70	
94							
95	9.2	14.4	0.58	8.1	10.6	0.70	
96							
97	8.3	14.8	0.51	8.4	10.9	0.71	
98	7.2	16.9	0.41	7.2	12.2	0.56	
99	9.1	10.1	0.76	8.1	7.7	0.93	
100							
101	10.0	12.9	0.69	9.8	9.5	0.94	
102	10.7	15.0	0.65	10.5	11.0	0.89	
103	6.9	10.5	0.55	7.3	8.0	0.81	
104	7.0	15.0	0.42	6.6	11.2	0.54	
105	8.4	12.9	0.58	7.6	9.6	0.71	
5th Percentile	10.6	16.4	0.78	9.9	12.0	1.02	
25th Percentile	9.1	15.0	0.62	8.4	11.1	0.81	
Median	8.0	13.5	0.54	7.7	10.1	0.69	
75th Percentile	6.9	12.5	0.44	7.0	9.3	0.59	
95th Percentile	5.9	10.2	0.35	6.2	7.7	0.52	
Mean	8.1	13.5	0.54	7.9	10.1	0.72	
70/30 Benchmark	6.5	15.2	0.39	7.0	11.3	0.57	

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.



FIGURE 7 NOMINAL TOTAL RETURN, STANDARD DEVIATION, AND SHARPE RATIO BY INSTITUTION (cont)

	5	Years (n = 150	)	10 Years (n = 146)		
		Standard	Sharpe		Standard	Sharpe
Code	AACR (%)	Dev (%)	Ratio	AACR (%)	Dev (%)	Ratio
106	10.0	11.8	0.74	9.4	8.9	0.95
107	9.5	11.1	0.74	9.7	8.5	1.03
108	6.8	14.2	0.43	6.6	10.5	0.57
109	7.6	14.6	0.47	7.0	10.8	0.60
110	6.5	16.8	0.37	7.2	12.5	0.55
111	7.4	12.9	0.50	7.1	9.8	0.66
112	6.8	12.3	0.47	6.7	9.2	0.65
113						
114	7.0	10.8	0.54	7.0	8.1	0.77
115	8.1	15.2	0.49	7.0	11.3	0.58
116	8.1	15.2	0.49	8.4	11.2	0.69
117	9.2	10.9	0.73	9.4	8.8	0.96
118	6.8	15.2	0.41	7.2	11.4	0.59
119	7.5	13.3	0.50	7.5	10.0	0.68
120	8.7	15.1	0.53	8.3	11.4	0.68
121	5.7	15.8	0.33	6.0	11.9	0.47
122	6.1	13.4	0.40	5.9	10.1	0.52
123	11.5	15.3	0.69	11.7	11.3	0.96
124	8.5	16.7	0.48	8.6	12.5	0.65
125	9.3	12.9	0.63	8.4	9.6	0.80
126	6.5	12.6	0.44	6.6	9.5	0.62
127	10.8	12.7	0.75	10.2	9.4	0.99
128	9.6	8.9	0.90	9.4	6.9	1.21
129	6.1	15.3	0.36	6.7	11.2	0.55
130	6.4	15.7	0.38	6.3	11.7	0.50
131	6.5	16.6	0.37	7.2	12.4	0.55
132	5.7	13.0	0.38	6.4	9.7	0.59
133	5.1	15.7	0.30	6.9	11.4	0.56
134	10.1	12.5	0.71	8.9	9.6	0.84
135	6.9	13.0	0.46	6.5	9.6	0.60
136	4.0	15.4	0.23	5.9	11.7	0.47
137	8.4	10.2	0.69	8.2	7.7	0.94
138	8.2	13.2	0.55	8.1	9.9	0.74
139						
140	7.8	15.5	0.47	8.1	11.6	0.65
5th Percentile	10.6	16.4	0.78	9.9	12.0	1.02
25th Percentile	9.1	15.0	0.62	8.4	11.1	0.81
Median	8.0	13.5	0.54	7.7	10.1	0.69
75th Percentile	6.9	12.5	0.44	7.0	9.3	0.59
95th Percentile	5.9	10.2	0.35	6.2	7.7	0.52
Mean	8.1	13.5	0.54	7.9	10.1	0.72
70/30 Benchmark	6.5	15.2	0.39	7.0	11.3	0.57

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.



FIGURE 7 NOMINAL TOTAL RETURN, STANDARD DEVIATION, AND SHARPE RATIO BY INSTITUTION (cont)

	5	Years (n = 150	)	1	10 Years (n = 146)		
		Standard	Sharpe		Standard	Sharpe	
Code	AACR (%)	Dev (%)	Ratio	AACR (%)	Dev (%)	Ratio	
141	9.5	11.8	0.71	9.5	8.7	0.97	
142	8.8	13.4	0.59	7.9	10.0	0.72	
143	9.2	13.3	0.61	9.9	9.9	0.91	
144	6.7	13.3	0.44	6.4	10.1	0.57	
145	8.3	13.1	0.56	8.1	10.0	0.74	
146	9.0	13.5	0.60	7.9	10.6	0.68	
147	13.3	13.5	0.89	11.3	9.9	1.04	
148	10.1	11.7	0.75	9.7	8.7	1.01	
149	6.5	13.9	0.41	7.0	10.4	0.62	
150	10.1	13.6	0.67	9.2	10.1	0.83	
151	6.5	9.8	0.53	8.3	7.5	0.99	
152	7.3	14.5	0.46	6.7	10.8	0.57	
153	6.9	13.2	0.46	7.0	10.1	0.63	
154	7.5	13.2	0.49	7.2	9.6	0.68	
155	7.9	13.7	0.51	7.5	10.4	0.66	
156	8.8	13.2	0.59	8.1	9.9	0.74	
157	8.3	10.2	0.69	7.7	8.2	0.84	
158	10.1	11.1	0.79	9.0	8.4	0.97	
159	8.1	12.4	0.57	8.3	9.3	0.81	
160							

5th Percentile	10.6	16.4	0.78	9.9	12.0	1.02
25th Percentile	9.1	15.0	0.62	8.4	11.1	0.81
Median	8.0	13.5	0.54	7.7	10.1	0.69
75th Percentile	6.9	12.5	0.44	7.0	9.3	0.59
95th Percentile	5.9	10.2	0.35	6.2	7.7	0.52
Mean	8.1	13.5	0.54	7.9	10.1	0.72
70/30 Benchmark	6.5	15.2	0.39	7.0	11.3	0.57

Sources: College and university data as reported to Cambridge Associates LLC. Index data are provided by Bloomberg Index Services Limited and MSCI Inc. MSCI data are provided "as is" without any express or implied warranties.



# FIGURE 8 MEAN ASSET ALLOCATION BY ASSET SIZE

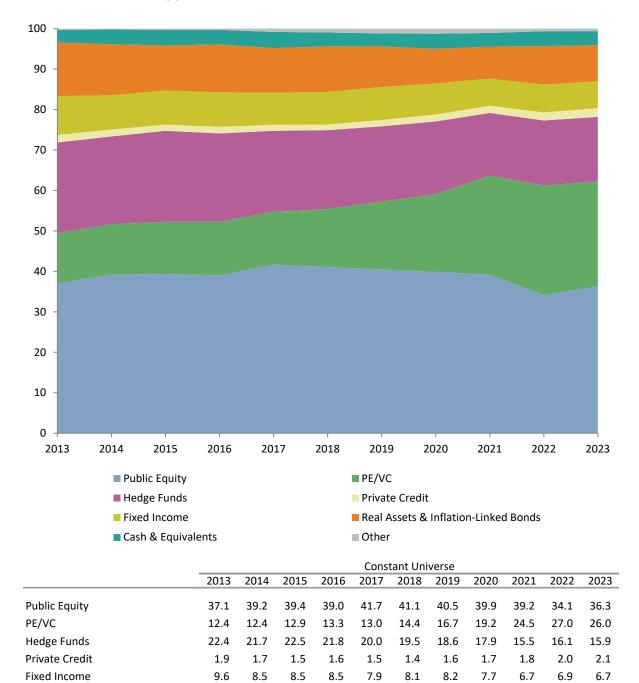
As of June 30, 2023 • Percent (%)

				Asset Size		
	All	Less Than	\$200M-	\$500M-	\$1B-	More Than
	C&Us	\$200M	\$500M	\$1B	\$3B	\$3B
	(n = 160)	(n = 21)	(n = 32)	(n = 15)	(n = 49)	(n = 43)
Public Equity	38.2	53.4	46.3	40.7	33.7	29.1
Global	7.8	12.0	9.0	3.2	8.2	6.2
US	17.7	24.6	24.0	21.8	14.8	11.4
Global ex US Developed	8.7	13.2	9.6	11.6	7.3	6.2
Emerging Markets	4.0	3.6	3.6	4.1	3.4	5.3
PE/VC	24.5	11.8	18.6	21.9	28.0	32.0
Non-Venture Private Equity	11.0	3.2	7.6	10.0	13.5	14.7
Venture Capital	10.9	4.3	7.0	8.1	13.1	15.3
Other Private Investments	2.7	4.2	4.0	3.8	1.4	2.0
Hedge Funds	15.5	11.6	14.4	12.8	17.3	17.0
Long/Short	5.8	4.0	5.7	3.5	6.7	6.6
Absolute Return	8.3	7.0	7.2	7.8	8.6	9.5
Distressed	1.4	0.6	1.5	1.5	2.0	0.9
Private Credit	2.3	1.0	1.8	2.8	2.8	2.6
Distressed - Control Oriented	0.8	0.2	0.5	1.3	0.8	1.1
Private Credit ex Distressed	1.5	0.8	1.3	1.5	2.0	1.6
Fixed Income	7.4	13.2	9.2	9.5	5.7	4.5
Global	0.1	0.0	0.0	0.6	0.2	0.0
US	7.0	13.2	9.2	8.6	5.3	3.6
Global ex US	0.1	0.0	0.0	0.1	0.0	0.5
High-Yield Bonds	0.2	0.0	0.0	0.2	0.2	0.4
Real Assets & ILBs	8.1	3.6	5.2	8.8	8.7	11.6
Private Real Estate	3.4	0.5	1.7	3.5	3.8	5.4
Public Real Estate	0.4	0.3	0.3	1.1	0.3	0.3
Commodities	0.3	0.2	0.1	0.2	0.2	0.6
Inflation-Linked Bonds	0.4	0.5	0.6	0.7	0.1	0.3
Private Natural Resources	3.2	1.3	1.9	2.6	3.8	4.6
Public Natural Resources	0.5	0.8	0.5	0.6	0.5	0.3
Cash & Equivalents	3.4	4.2	3.4	3.3	3.7	2.7
Other Assets	0.6	1.3	1.2	0.2	0.1	0.5



# FIGURE 9 HISTORICAL MEAN ASSET ALLOCATION TRENDS

Years Ended June 30 • Percent (%)



Source: College and university data as reported to Cambridge Associates LLC.

13.2

3.1

0.3

12.6

3.6

0.2

Real Assets & Infl-Linked Bonds

Cash & Equivalents

Other

Note: Analysis is based on a constant universe that includes 119 institutions that provided asset allocation data for each year from 2013 to 2023.

11.1

3.9

0.3

11.0

4.0

8.0

11.8

3.6

0.3

11.3

3.4

1.0

10.0

3.2

1.2

8.5

3.8

1.2

7.9

3.3

1.1

9.5

3.7

0.7

8.9

3.5

0.6



As of June 30, 2023 • Percent (%)

		Publi	c Equity		Priv Equi	ty & Ver	nture Cap	Cap Hedge Funds		nds	Private (	Credit
			ex US	Emg	Non-Ven	Ven	Other	Long/	Abs	Distressed	Distressed	Credit
Code	Global	US	Dev Mkt	Mkt	Priv Eq	Cap	Priv Inv	Short	Return	HF	PI	ex Dist
1	16.3	16.4	12.5	14.0	15.2	3.5	0.0	0.0	0.0	0.0	0.0	5.9
2	1.8	69.5	0.0	0.0	8.7	2.5	2.4	1.0	0.0	0.0	1.5	1.0
3	11.1	24.8	8.6	2.4	0.2	20.6	0.2	5.1	4.1	0.0	0.0	0.0
4	3.1	35.6	19.7	4.2	1.6	0.1	2.0	3.2	6.9	0.0	0.1	0.0
5	0.0	24.3	9.6	5.2	14.5	14.2	0.6	6.0	3.6	2.6	0.9	0.0
6	10.8	39.3	21.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	12.4	5.2	7.7	9.5	18.5	16.9	6.5	1.6	0.0	0.6	0.0
8	25.8	0.0	0.0	0.0	19.6	26.4	0.0	3.3	11.7	0.0	0.0	0.0
9	4.6	18.4	11.3	4.6	7.1	12.2	5.4	12.5	11.0	0.0	0.0	0.2
10	0.0	19.6	13.3	5.7	8.2	8.0	0.0	0.0	4.0	7.8	5.6	0.0
11	0.0	26.1	15.0	2.9	7.0	9.8	1.8	5.6	4.6	3.4	0.7	1.2
12	0.0	34.4	8.3	1.5	9.7	3.8	0.8	6.5	5.2	3.6	1.3	1.3
13	0.0	4.6	5.9	9.6	27.7	25.4	0.0	3.8	1.6	0.0	5.3	0.0
14	11.5	16.3	6.5	2.9	4.7	8.6	20.3	3.1	7.3	2.1	0.7	2.4
15	9.7	16.4	8.1	2.1	12.0	13.5	3.8	0.9	7.8	2.5	2.6	2.4
16	24.0	6.9	0.0	0.0	8.7	25.1	3.9	13.4	4.3	0.3	1.4	0.1
17	0.0	27.8	11.4	11.1	12.4	5.5	0.0	0.6	5.4	1.9	0.8	0.0
18	5.0	22.6	12.5	2.4	20.4	8.4	8.1	1.0	5.2	0.0	0.0	0.0
19	27.5	6.7	0.0	2.5	14.7	10.2	3.4	5.0	10.4	0.0	0.1	6.4
20	2.3	24.3	13.3	4.7	11.8	6.9	1.8	3.7	5.4	0.2	1.0	1.9
21	0.0	16.0	8.1	5.2	24.8	11.4	0.0	14.9	0.0	0.4	1.0	0.0
22	38.1	0.0	0.0	0.0	13.9	9.9	0.0	8.7	7.8	1.0	0.4	4.3
23	28.1	0.0	3.0	2.0	10.0	1.1	0.0	11.8	0.0	6.6	0.0	5.7
24	27.6	7.6	6.0	9.7	11.6	6.4	0.0	0.0	18.1	0.0	1.4	0.0
25	4.2	10.7	2.6	3.5	13.7	25.2	0.1	8.6	10.2	4.1	0.0	0.0
26	10.4	7.2	8.1	5.5	16.5	10.5	0.1	1.3	12.1	3.3	1.1	0.5
27	0.0	27.8	15.6	5.6	13.4	9.2	0.0	1.8	6.6	1.9	0.2	0.0
28	2.6	11.1	3.0	4.4	12.4	20.7	0.0	7.9	12.5	1.6	1.0	0.0
29	7.9	27.2	10.3	6.4	2.0	0.0	3.0	16.1	7.3	1.5	0.8	3.7
30	0.0	26.9	18.0	4.5	13.5	2.0	0.0	10.7	5.1	0.0	4.0	0.0
31	0.0	6.3	5.4	1.3	14.5	26.4	0.0	2.1	3.9	0.0	1.7	7.4
32	21.7	15.8	3.7	2.2	10.4	4.4	2.9	4.5	6.3	2.1	1.1	2.4
33	2.7	40.0	10.7	6.6	0.9	8.7	4.8	0.0	0.0	0.0	0.0	0.0
34	39.8	0.0	0.0	0.0	13.1	8.2	0.8	6.1	2.2	2.2	0.7	3.5
35	0.0	31.9	13.5	5.8	0.3	0.0	24.1	0.0	4.6	0.0	0.1	1.0
High	61.3	69.5	27.2	14.0	27.7	32.3	39.0	26.9	31.0	8.4	5.8	16.9
Mean	7.8	17.7	8.7	4.0	11.0	10.9	2.7	5.8	8.3	1.4	0.8	1.5
Median	7.8 6.0	16.4			11.0	9.0		5.8 4.8	8.3 7.7			0.3
			8.1	3.9			0.8			0.5	0.1	
Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n = 160												



As of June 30, 2023 • Percent (%)

		Fixed	Income		Real Assets & Inflation-Linked Bonds							
				High-	Real E	state		Infl-Link	Private	Public	Cash &	
Code	Global	US	ex US	Yield	Private	Public	Comm	Bonds	Nat Res	Nat Res	Equiv	Other
1	0.0	2.7	0.0	0.0	9.0	0.0	0.0	0.0	2.6	0.5	1.5	0.0
2	0.0	8.8	0.0	0.0	0.6	0.0	0.0	0.0	0.8	0.0	1.2	0.0
3	0.0	13.8	0.0	0.0	0.0	0.0	0.7	2.0	3.6	1.2	0.0	1.6
4	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.8	10.0	0.0
5	0.0	12.2	0.0	0.0	0.9	0.0	0.0	0.0	2.5	0.0	2.9	0.0
6	0.0	12.8	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	5.4	2.8
7	0.0	5.8	0.0	0.0	4.4	0.0	0.0	5.8	3.3	0.0	1.6	0.0
8	0.0	2.1	0.0	0.0	6.5	0.0	0.0	0.0	1.8	0.0	2.2	0.6
9	0.0	0.6	0.0	0.0	0.0	2.0	0.0	0.0	0.6	1.5	7.9	0.0
10	0.0	11.2	0.0	0.0	5.9	1.9	0.0	0.0	5.6	0.6	0.8	1.8
11	0.7	5.0	0.0	0.0	2.2	0.0	0.0	0.0	10.1	0.0	4.0	0.0
12	0.0	6.6	0.0	0.0	2.2	1.5	3.7	0.0	1.0	3.1	5.6	0.0
13	0.0	2.9	0.0	0.0	3.3	0.0	0.0	0.0	4.4	0.0	5.6	0.0
14	0.0	7.6	0.0	0.0	0.4	0.0	0.0	2.8	2.1	0.0	0.9	0.0
15	0.0	4.4	0.0	0.0	7.7	0.0	0.0	0.0	5.6	0.0	0.7	0.0
16	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0
17	0.0	1.5	0.0	1.1	9.0	6.0	0.0	0.0	2.8	0.0	2.7	0.1
18	1.6	8.1	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.8	1.7	0.0
19	0.0	7.1	0.0	0.8	4.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
20	0.0	9.1	0.0	0.0	1.9	2.3	0.0	0.0	2.5	2.4	4.6	0.0
21	0.0	11.6	0.0	0.0	3.9	0.0	0.0	0.0	1.2	0.0	1.5	0.0
22	0.0	1.2	0.0	0.0	3.9	0.0	2.6	0.0	2.4	0.0	2.4	3.5
23	0.0	8.8	0.0	0.7	10.5	1.7	0.0	0.0	7.1	2.3	0.6	0.0
24	0.0	6.9	0.0	0.0	3.3	0.0	0.0	0.0	1.1	0.3	0.0	0.0
25	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	4.6	0.0	4.7	2.2
26	0.0	2.7	0.0	0.0	2.2	0.0	0.0	0.0	7.2	2.5	9.0	0.0
27	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0
28	0.0	6.4	0.0	0.0	6.4	0.9	0.0	0.0	7.6	0.0	1.5	0.0
29	0.0	10.5	0.0	0.0	0.3	0.0	0.0	2.5	0.3	0.0	0.4	0.0
30	0.0	2.9	0.0	0.0	4.9	0.0	0.0	0.0	0.7	0.0	6.6	0.2
31	0.0	3.5	0.0	0.0	10.0	0.0	0.0	0.0	12.9	0.0	4.4	0.0
32	0.0	7.2	0.0	0.0	3.9	0.7	0.0	0.0	8.3	0.7	1.6	0.0
33	0.0	9.4	0.0	0.0	0.9	2.0	0.0	3.9	0.0	0.0	9.4	0.0
34	0.0	0.0	0.0	8.0	7.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0
35	0.0	13.9	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	4.3	0.0
High	4.6	36.2	18.1	8.0	20.0	6.0	6.8	5.8	14.1	7.1	19.6	32.9
Mean	0.1	7.0	0.1	0.2	3.4	0.4	0.3	0.4	3.2	0.5	3.4	0.6
Median	0.0	6.7	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	2.7	0.0
Low	0.0	0.0	0.0	0.0	0.0	-2.4	-0.9	0.0	0.0	-2.7	-1.6	-0.1
n = 160	0.0	0.0	0.0	0.0	0.0	۷.4	0.3	0.0	0.0	2.1	1.0	0.1



As of June 30, 2023 • Percent (%)

	Public Equity				Priv Equi	ty & Vei	nture Cap		Hedge Fur	nds	Private	Credit
			ex US	Emg	Non-Ven	Ven	Other	Long/	Abs	Distressed	Distressed	Credit
Code	Global	US	Dev Mkt	Mkt	Priv Eq	Cap	Priv Inv	Short	Return	HF	PI	ex Dist
36	0.0	6.6	8.7	7.2	8.7	30.6	0.0	8.2	0.4	2.8	0.0	0.0
37	6.7	9.9	3.5	5.9	13.6	31.9	0.0	4.3	12.4	0.0	0.0	0.0
38	30.1	3.8	0.0	0.0	9.7	12.8	5.6	16.3	4.3	0.0	0.5	2.4
39	0.0	27.0	11.5	2.5	0.0	1.1	6.8	0.8	5.1	0.0	0.0	0.0
40	3.6	7.6	4.6	6.6	11.1	27.1	0.0	9.8	7.2	0.0	0.0	0.3
41	7.6	14.3	8.9	2.0	6.6	14.3	1.9	16.7	8.3	4.7	0.7	2.1
42	1.0	31.4	11.3	4.0	10.8	4.3	2.4	1.1	10.7	1.7	1.7	2.6
43	4.3	24.8	16.1	2.2	6.8	12.2	0.0	6.5	10.3	2.7	0.1	1.9
44	4.6	39.3	19.2	4.0	3.0	3.3	0.0	0.0	7.3	0.5	0.0	0.0
45	0.0	34.2	16.3	7.2	5.6	7.4	0.0	0.0	0.0	0.0	2.1	0.0
46	0.0	11.3	9.2	9.9	11.4	17.0	0.0	12.4	15.0	0.0	1.7	0.0
47	61.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	24.9	14.5	4.8	19.5	4.5	0.0	4.5	13.7	1.0	0.0	2.0
49	14.2	20.7	9.4	4.3	3.6	11.0	3.4	6.5	6.7	1.5	0.6	0.8
50	24.2	13.9	8.6	6.7	6.7	1.6	6.5	8.3	6.9	2.8	0.0	0.0
51	9.4	21.7	0.0	0.0	22.5	12.2	0.0	5.6	1.8	6.8	0.0	6.5
52	6.5	26.1	11.4	4.3	15.3	7.3	1.3	1.0	7.3	0.7	0.0	3.6
53	11.0	16.7	6.3	2.4	17.2	5.7	0.0	9.3	11.6	0.0	1.9	0.9
54	5.0	14.3	9.1	0.6	3.6	31.5	0.0	5.1	11.1	2.6	2.3	0.0
55	7.9	12.7	15.6	4.1	17.2	10.1	0.0	7.1	11.5	0.1	1.6	0.0
56	0.0	11.5	7.4	5.8	7.7	24.7	0.0	9.9	0.0	8.4	0.0	0.0
57	16.8	18.9	17.0	4.1	1.1	4.1	5.3	4.3	4.9	0.0	0.0	0.1
58	4.7	32.2	16.4	3.7	10.3	2.8	1.4	2.2	6.3	0.9	0.0	0.1
59	7.1	22.0	7.3	2.1	21.2	5.7	2.2	7.3	8.6	0.0	0.0	0.3
60	11.6	4.5	3.6	4.6	18.9	7.4	0.0	13.2	16.9	0.0	0.0	0.0
61	0.0	24.7	19.0	3.7	7.6	12.4	2.4	0.9	3.5	0.0	1.8	3.2
62	11.0	10.7	5.1	2.7	17.5	4.4	0.0	0.0	8.4	0.0	0.0	10.5
63	0.0	10.4	6.8	3.7	7.9	11.3	9.5	9.8	14.8	0.0	5.8	0.0
64	0.0	11.8	8.0	7.1	17.3	13.9	0.0	6.9	5.4	0.0	0.7	5.3
65	3.7	24.9	10.2	3.4	13.7	7.1	4.6	4.6	8.7	2.9	0.9	0.1
66	0.0	12.0	8.7	4.9	14.5	17.6	4.0	14.2	8.2	1.7	0.7	0.0
67	0.0	28.0	14.5	3.9	6.3	7.3	2.7	3.3	9.1	1.5	1.9	0.4
68	8.8	25.4	13.4	3.9	7.2	5.7	2.3	3.1	9.3	1.0	1.0	0.3
69	5.9	13.8	8.1	5.2	16.9	7.7	2.2	5.8	9.1	1.7	3.6	4.3
70	7.0	17.6	11.0	3.7	1.8	9.2	8.4	9.9	10.1	1.1	1.1	0.8
High	61.3	69.5	27.2	14.0	27.7	32.3	39.0	26.9	31.0	8.4	5.8	16.9
Mean	7.8	17.7	8.7	4.0	11.0	10.9	2.7	5.8	8.3	1.4	0.8	1.5
Median	6.0	16.4	8.1	3.9	11.4	9.0	0.8	4.8	7.7	0.5	0.1	0.3
Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n = 160				- <del>-</del>								



As of June 30, 2023 • Percent (%)

		Fixed	Income		Real Assets & Inflation-Linked Bonds							
				High-	Real E	state		Infl-Link	Private	Public	Cash &	
Code	Global	US	ex US	Yield	Private	Public	Comm	Bonds	Nat Res	Nat Res	Equiv	Other
36	0.0	2.9	1.1	0.0	4.3	1.5	6.8	2.4	7.7	0.0	0.0	0.0
37	0.0	4.0	0.0	1.3	0.2	0.0	0.0	0.0	3.6	0.0	2.6	0.0
38	0.0	3.9	0.0	0.0	1.1	0.0	0.0	0.0	5.6	0.0	4.0	0.0
39	0.0	12.0	0.0	0.0	0.0	0.0	0.0	2.2	3.7	0.0	19.6	7.8
40	0.0	3.1	1.0	5.0	3.1	0.0	4.7	0.0	6.0	0.0	-0.8	0.0
41	0.0	3.8	0.0	0.0	1.5	0.0	0.0	0.0	2.7	0.0	4.0	0.0
42	0.0	12.4	0.0	0.0	0.5	0.0	0.0	0.0	2.6	0.0	1.4	0.0
43	0.0	8.1	0.0	0.0	0.3	0.0	0.0	0.0	2.4	0.0	1.4	0.0
44	0.0	9.7	0.0	0.0	0.0	0.0	1.7	0.0	0.3	2.6	4.5	0.0
45	0.0	15.0	0.0	0.0	10.0	-2.4	-0.9	0.0	9.1	-2.7	-0.9	0.0
46	0.0	3.7	0.0	0.0	1.5	0.0	0.0	0.0	2.7	0.0	2.5	1.8
47	0.0	36.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
48	0.0	6.7	0.0	0.0	2.0	0.0	0.0	0.0	0.4	0.0	1.5	0.0
49	0.0	8.0	0.0	0.0	0.9	0.4	0.0	0.0	3.9	2.3	1.7	0.1
50	0.0	5.8	0.0	0.0	0.5	0.0	0.0	0.0	2.9	0.0	4.5	0.0
51	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.2	0.0	9.8	1.2
52	0.0	9.2	0.0	0.0	2.3	0.4	0.0	0.0	3.1	0.0	0.1	0.0
53	0.0	6.8	0.0	0.0	3.3	0.0	0.0	0.0	4.4	0.0	2.4	0.0
54	0.0	2.4	0.0	0.0	3.0	0.0	0.0	0.0	3.1	0.0	6.4	0.0
55	0.0	3.5	0.0	0.0	0.9	0.0	0.0	0.0	2.4	0.0	5.4	0.0
56	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	2.7	2.6	14.7	0.0
57	0.0	12.5	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	8.9	0.0
58	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.9	0.0
59	0.0	8.3	0.0	0.0	1.2	0.0	0.0	0.0	1.5	1.7	3.7	0.0
60	0.0	0.0	0.0	0.0	5.2	0.0	0.0	2.1	9.0	0.0	3.2	0.0
61	0.0	3.1	0.0	0.0	5.6	0.0	1.2	0.0	2.7	2.2	6.0	0.0
62	0.0	6.9	0.0	3.9	9.7	0.0	0.0	0.0	4.1	0.0	5.2	0.0
63	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	17.2	0.0
64	0.0	3.8	0.0	0.0	6.5	0.0	0.0	0.0	10.2	0.0	3.0	0.0
65	0.0	10.3	0.0	0.0	0.6	1.3	0.0	0.0	2.2	0.0	0.9	0.0
66	0.0	0.3	0.0	0.6	7.3	8.0	0.0	0.0	4.6	0.0	0.2	0.0
67	0.8	8.7	0.0	0.0	1.5	1.3	1.2	0.0	1.5	4.0	2.1	0.0
68	0.0	8.3	0.0	0.0	1.9	0.0	0.0	1.7	3.7	0.0	2.8	0.0
69	0.0	0.0	0.9	0.0	7.2	0.0	0.0	0.0	5.7	0.0	1.7	0.0
70	0.0	6.8	0.0	0.0	0.5	1.5	0.0	0.0	3.8	1.7	4.1	0.0
High	4.6	36.2	18.1	8.0	20.0	6.0	6.8	5.8	14.1	7.1	19.6	32.9
Mean	0.1	7.0	0.1	0.2	3.4	0.4	0.3	0.4	3.2	0.5	3.4	0.6
Median		7.0 6.7	0.0	0.2	2.7	0.4	0.3		2.7	0.0	3.4 2.7	0.0
	0.0							0.0				
Low n = 160	0.0	0.0	0.0	0.0	0.0	-2.4	-0.9	0.0	0.0	-2.7	-1.6	-0.1



As of June 30, 2023 • Percent (%)

		Publi	c Equity		Priv Equi	ty & Ver	nture Cap	Cap Hedge Funds		nds	Private (	Credit
			ex US	Emg	Non-Ven	Ven	Other	Long/	Abs	Distressed	Distressed	Credit
Code	Global	US	Dev Mkt	Mkt	Priv Eq	Cap	Priv Inv	Short	Return	HF	PI	ex Dist
71	6.1	14.8	7.6	3.0	15.3	13.2	0.0	7.9	10.9	0.8	0.0	1.6
72	8.0	20.0	5.5	4.7	16.2	9.0	2.4	0.0	10.5	0.0	0.0	5.8
73	1.2	32.9	11.2	3.6	3.8	7.1	5.4	1.1	12.5	0.6	1.1	2.3
74	5.8	34.5	12.7	4.7	1.8	5.3	8.5	7.4	5.8	0.0	0.4	0.0
75	7.7	12.1	3.1	4.2	23.6	10.0	0.0	14.2	8.8	2.2	0.0	0.0
76	7.8	18.5	7.3	3.7	2.6	6.2	14.5	4.6	5.0	5.0	0.0	2.4
77	0.0	4.8	5.9	7.3	12.7	27.2	0.0	23.4	0.0	0.0	0.0	0.0
78	10.6	6.9	1.3	1.9	8.4	10.5	12.4	12.2	15.4	2.8	2.5	0.0
79	5.1	10.7	6.0	3.9	15.3	21.4	0.0	9.9	7.0	2.0	0.0	0.0
80	1.0	25.8	9.0	3.0	12.6	5.6	2.4	1.1	10.5	1.7	1.4	2.7
81	16.8	13.6	0.0	13.2	14.2	8.4	0.0	4.4	12.8	0.9	0.0	8.0
82	16.3	22.1	9.5	5.7	2.0	8.1	5.4	8.6	8.5	3.3	0.0	0.0
83	10.8	18.0	10.9	4.8	3.4	4.3	2.8	0.0	0.0	0.0	0.0	0.0
84	7.3	27.1	8.1	4.8	20.4	3.6	0.3	11.2	7.1	0.5	1.4	0.2
85	6.6	21.2	6.8	4.9	12.5	13.9	0.9	2.3	4.0	0.0	0.9	2.0
86	11.0	26.2	13.1	2.7	0.5	4.8	4.6	6.7	10.4	2.8	0.0	1.0
87	12.8	15.7	0.0	0.0	12.8	10.7	8.4	11.9	11.5	0.2	0.2	1.9
88	7.3	20.3	7.4	3.4	20.0	1.7	0.0	4.4	15.0	0.0	0.0	2.7
89	0.8	23.2	15.2	4.5	9.2	8.7	0.8	3.0	15.2	0.7	0.0	1.4
90	25.1	0.0	0.0	0.0	20.0	17.3	0.0	0.0	20.2	0.0	0.0	0.0
91	37.6	19.1	5.7	4.8	0.0	0.0	1.2	5.9	10.1	0.0	0.0	0.0
92	0.0	9.5	10.5	0.0	12.7	32.3	1.6	2.6	5.0	0.0	0.0	0.0
93	0.0	17.7	15.2	2.8	18.2	6.2	0.0	5.1	10.9	1.1	0.2	4.8
94	11.1	9.6	5.2	3.0	22.2	5.2	0.0	0.0	0.0	0.0	0.0	16.9
95	10.6	23.0	7.3	4.7	6.0	17.9	2.2	2.0	6.6	1.5	0.0	0.0
96	0.0	6.0	4.5	3.5	23.5	23.2	0.0	8.4	12.7	0.0	0.0	0.0
97	0.0	24.2	5.5	4.4	10.9	13.8	1.2	9.3	7.2	1.4	0.2	1.0
98	0.0	37.2	20.1	0.0	1.7	6.3	0.0	6.4	5.4	0.0	0.0	0.0
99	0.0	8.1	7.8	6.8	16.9	12.2	0.0	2.4	29.3	0.0	1.4	0.0
100	0.0	9.0	1.5	14.0	11.3	29.6	0.1	0.0	13.8	0.0	0.0	0.0
101	0.0	6.8	11.1	9.1	15.8	10.4	0.0	11.4	9.8	2.3	0.0	1.4
102	0.0	14.1	5.4	5.0	21.8	26.6	0.0	0.6	8.0	0.0	1.5	0.0
103	3.4	24.3	15.4	0.6	17.8	4.6	0.0	4.6	7.9	4.5	0.0	1.0
104	9.2	16.2	5.2	0.5	10.0	3.3	0.0	26.9	17.9	0.0	1.3	1.2
105	15.5	11.6	4.0	0.7	15.5	20.3	3.1	6.4	6.9	0.0	0.0	0.0
High	61.3	69.5	27.2	14.0	27.7	32.3	39.0	26.9	31.0	8.4	5.8	16.9
Mean	7.8	17.7	8.7	4.0	11.0	10.9	2.7	5.8	8.3	1.4	0.8	1.5
Median	6.0	16.4	8.1	3.9	11.4	9.0	0.8	4.8	7.7	0.5	0.3	0.3
Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n = 160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



As of June 30, 2023 • Percent (%)

		Fixed	Income			Real Ass						
				High-	Real E	state		Infl-Link	Private	Public	Cash &	
Code	Global	US	ex US	Yield	Private	Public	Comm	Bonds	Nat Res	Nat Res	Equiv	Other
71	0.0	6.7	0.0	0.0	5.4	0.0	0.0	0.0	5.5	0.0	0.9	0.2
72	0.0	1.8	0.0	2.4	0.7	2.6	0.0	0.0	4.6	0.0	1.0	4.8
73	0.0	12.5	0.0	0.0	1.8	0.0	0.0	0.0	2.1	0.0	0.8	0.0
74	0.0	9.2	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	3.7	0.0
75	0.0	4.7	0.0	0.0	4.2	0.0	0.0	0.0	2.0	0.0	3.5	0.0
76	0.0	8.5	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
77	0.0	1.5	0.0	0.0	6.9	0.4	0.0	0.0	3.2	2.4	4.3	0.0
78	0.0	0.6	0.0	0.0	4.4	0.0	0.0	0.0	2.5	0.0	7.4	0.1
79	1.0	4.7	0.0	0.0	3.0	0.0	0.0	0.0	5.6	0.0	4.4	0.0
80	0.0	16.7	0.0	0.0	0.5	0.0	0.0	0.0	2.5	0.0	3.3	0.0
81	0.0	2.7	0.0	0.0	3.6	0.0	0.0	0.0	2.8	0.0	6.0	0.0
82	0.0	4.6	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	1.3	0.0
83	0.0	6.3	0.0	0.0	0.8	1.1	0.0	0.0	0.6	3.1	0.2	32.9
84	0.0	4.4	0.0	0.0	0.9	0.0	0.0	0.0	1.9	0.0	0.8	0.0
85	0.0	10.7	0.0	0.0	4.0	0.0	0.0	0.0	2.1	1.9	5.3	0.0
86	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	5.7	1.1
87	0.0	3.3	0.0	0.0	0.1	0.0	0.0	0.0	1.9	0.0	8.6	0.0
88	0.0	5.3	0.0	0.0	5.6	0.0	0.0	0.0	6.2	0.0	0.7	0.0
89	0.0	12.5	0.0	0.0	3.1	0.0	0.0	0.0	1.0	0.0	0.7	0.0
90	0.0	5.7	0.0	0.0	5.5	0.5	0.0	0.0	3.3	0.0	2.3	0.0
91	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0
92	0.0	5.9	0.0	0.0	4.5	2.2	0.0	0.0	3.6	1.1	8.5	0.0
93	0.0	2.5	0.0	1.0	5.5	0.0	0.0	0.0	8.5	0.0	0.4	0.0
94	3.7	1.0	0.0	0.0	6.0	0.0	0.0	0.0	10.6	0.0	5.4	0.0
95	0.0	9.4	0.0	0.0	0.7	0.0	0.0	0.0	3.3	1.6	3.1	0.0
96	0.0	4.0	0.0	0.0	8.3	0.0	0.0	0.0	4.0	0.0	2.0	0.0
97	0.0	3.4	0.0	0.0	7.0	0.0	0.0	0.0	6.0	0.0	3.7	0.8
98	0.0	8.1	0.0	0.0	1.3	4.5	0.0	5.4	1.0	0.0	2.4	0.1
99	0.0	3.6	0.0	0.0	4.7	0.9	0.0	0.0	2.4	0.0	3.6	0.0
100	0.0	4.4	0.0	0.0	12.3	0.0	0.0	0.0	0.9	0.0	3.1	0.0
101	0.0	1.5	0.0	0.0	5.9	0.0	0.0	2.5	7.3	1.8	0.4	2.4
102	0.0	7.3	0.0	0.0	4.9	0.6	0.3	0.0	1.6	0.0	2.4	0.0
103	0.0	8.9	0.0	0.0	0.8	0.0	0.0	0.0	3.2	0.0	3.0	0.0
104	0.0	5.2	0.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0
105	0.0	6.6	0.0	0.0	3.4	0.0	0.0	0.0	4.2	0.0	1.9	0.0
I C ala	4.6	26.2	10.4	0.0	20.0	6.0	6.0	г о	111	7.1	10.6	22.0
High	4.6	36.2	18.1	8.0	20.0	6.0	6.8	5.8	14.1	7.1	19.6	32.9
Mean	0.1	7.0	0.1	0.2	3.4	0.4	0.3	0.4	3.2	0.5	3.4	0.6
Median	0.0	6.7	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	2.7	0.0
Low n = 160	0.0	0.0	0.0	0.0	0.0	-2.4	-0.9	0.0	0.0	-2.7	-1.6	-0.1



As of June 30, 2023 • Percent (%)

	Public Equity			Priv Equi	ty & Vei	nture Cap		Hedge Fui	nds	Private (	Credit	
			ex US	Emg	Non-Ven	Ven	Other	Long/	Abs	Distressed	Distressed	Credit
Code	Global	US	Dev Mkt	Mkt	Priv Eq	Cap	Priv Inv	Short	Return	HF	PI	ex Dist
106	2.0	14.6	6.0	5.2	16.7	16.4	0.0	2.0	8.9	0.0	0.0	7.2
107	0.0	6.8	7.8	6.7	17.0	21.5	0.0	0.0	21.4	0.0	0.0	0.0
108	14.9	22.9	6.3	5.7	9.7	5.5	0.0	11.5	7.4	0.0	0.0	2.7
109	6.7	20.5	8.8	2.2	12.7	12.8	1.0	2.1	14.0	0.6	1.9	2.3
110	13.5	23.7	16.7	2.6	1.0	1.1	3.1	7.9	12.7	0.0	0.0	0.0
111	10.2	14.6	7.8	0.7	12.5	3.2	5.0	5.5	4.7	1.3	0.8	0.8
112	0.0	23.9	12.2	4.4	4.4	0.6	18.1	3.8	8.8	0.0	0.0	3.2
113	9.1	10.0	0.0	6.0	13.1	22.0	0.4	13.5	13.2	0.0	0.0	0.0
114	14.1	18.2	11.9	1.6	6.0	0.2	6.5	0.0	3.8	3.3	1.1	7.5
115	8.9	18.7	11.6	3.9	15.3	6.2	7.7	6.4	6.2	1.6	1.2	0.3
116	3.4	21.6	13.5	5.2	15.8	7.0	0.0	3.5	4.8	0.0	2.3	0.0
117	0.0	10.8	6.1	4.0	11.2	16.5	1.3	5.5	9.8	1.3	0.9	0.8
118	8.4	41.5	7.6	0.0	0.0	0.0	8.6	0.0	7.1	0.0	0.0	0.6
119	0.0	20.3	8.4	3.2	22.1	10.6	0.0	6.4	0.0	4.2	0.0	0.0
120	4.8	14.9	6.9	5.1	13.5	14.1	0.0	2.7	8.4	1.0	4.0	0.0
121	13.6	19.4	15.3	8.6	5.5	4.3	4.4	1.1	7.6	1.6	0.0	0.0
122	2.8	33.4	13.7	3.2	5.8	5.9	1.8	1.1	0.0	0.7	1.6	1.6
123	0.0	13.0	4.0	2.3	5.8	31.5	0.0	14.6	10.3	4.4	0.0	0.0
124	2.0	11.8	11.7	5.0	8.0	26.6	0.0	5.8	4.8	7.6	0.0	2.9
125	12.5	3.0	3.4	4.3	16.2	13.1	0.0	3.0	11.2	0.0	1.3	3.4
126	8.6	12.9	5.6	3.7	4.6	10.3	4.1	9.3	14.6	5.4	0.3	0.5
127	0.0	0.0	8.5	1.1	4.0	30.2	0.0	14.6	18.4	2.9	5.8	0.0
128	0.0	18.0	11.0	1.3	24.0	8.2	1.3	5.7	6.8	4.7	1.7	0.0
129	4.4	11.5	5.3	2.9	14.6	4.6	0.0	16.3	10.6	1.5	5.0	0.0
130	0.0	38.9	22.8	5.3	0.0	0.0	4.8	2.7	4.8	2.0	0.0	0.0
131	1.1	41.4	23.8	2.1	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0
132	0.0	27.0	9.3	3.6	2.3	3.4	0.1	5.7	16.0	0.0	0.0	0.3
133	8.2	18.0	11.7	6.1	4.1	2.5	1.6	13.8	5.4	1.2	0.0	6.6
134	16.1	13.2	6.5	2.0	19.4	7.8	0.0	13.7	8.0	4.7	0.0	6.6
135	1.0	32.8	11.4	4.0	6.0	3.7	2.0	1.0	9.1	0.3	0.5	2.2
136	4.1	31.7	27.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137	10.5	1.0	3.4	1.3	14.0	13.0	0.1	12.9	13.8	0.0	3.2	0.0
138	4.0	14.6	7.0	2.8	14.5	13.4	2.0	3.6	10.7	0.0	0.5	2.0
139	11.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	31.0	0.0	0.0	0.0
140	7.3	19.0	5.6	6.1	17.1	11.6	0.0	9.9	3.4	3.4	3.4	0.0
High	61.3	69.5	27.2	14.0	27.7	32.3	39.0	26.9	31.0	8.4	5.8	16.9
Mean	7.8	17.7	8.7	4.0	11.0	10.9	2.7	5.8	8.3	1.4	0.8	1.5
Median	6.0	16.4	8.1	3.9	11.4	9.0	0.8	4.8	7.7	0.5	0.1	0.3
Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n = 160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11 - 100												



As of June 30, 2023 • Percent (%)

		Fixed	Income		Real Assets & Inflation-Linked Bonds							
				High-	Real E	state		Infl-Link	Private	Public	Cash &	
Code	Global	US	ex US	Yield	Private	Public	Comm	Bonds	Nat Res	Nat Res	Equiv	Other
106	0.0	0.0	0.0	0.0	7.8	0.0	0.0	4.9	5.6	0.0	2.6	0.1
107	0.0	1.0	0.0	0.0	7.7	0.0	0.0	0.0	3.4	1.7	5.0	0.0
108	0.0	9.4	0.0	0.0	1.2	0.7	0.0	0.0	1.1	0.0	1.0	0.0
109	0.0	5.3	0.0	0.0	2.8	0.0	0.0	0.9	2.5	0.0	2.8	0.0
110	0.0	8.5	0.0	0.0	0.6	0.0	0.0	1.3	0.7	2.8	3.9	0.0
111	0.0	23.7	0.0	0.0	0.9	0.0	2.1	2.3	1.5	0.0	2.3	0.0
112	0.0	7.9	0.0	0.0	5.1	0.0	0.0	0.0	5.3	0.8	0.5	1.0
113	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	9.1	0.0
114	0.0	10.5	0.0	0.0	3.6	2.1	3.2	0.0	2.6	0.0	3.9	0.0
115	0.0	5.3	0.0	0.0	0.3	0.0	2.3	2.4	0.2	0.0	1.5	0.0
116	0.0	9.5	0.0	0.0	1.1	0.0	0.0	0.0	2.0	0.0	10.2	0.0
117	0.0	4.3	0.0	0.0	7.5	0.0	0.4	0.0	14.1	1.2	3.8	0.4
118	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
119	0.0	14.0	0.0	0.0	2.6	0.5	0.5	0.0	6.2	0.5	0.6	0.0
120	0.0	7.5	0.0	0.0	0.0	2.8	0.0	0.0	8.4	4.6	1.1	0.0
121	0.0	14.1	0.0	0.0	0.9	0.2	0.0	0.0	2.6	0.0	0.9	0.0
122	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
123	0.0	0.1	0.0	0.0	6.5	0.0	0.0	0.0	3.4	0.0	4.1	0.0
124	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.3	0.0	11.3	-0.1
125	0.0	3.7	0.0	0.0	6.8	1.3	3.2	0.0	6.0	0.0	1.8	5.9
126	3.9	7.5	0.0	0.0	1.9	0.0	0.0	2.9	2.7	0.0	1.0	0.0
127	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	7.3	0.0	4.1	0.0
128	0.0	7.3	0.0	0.6	2.0	0.0	0.0	0.0	4.8	0.4	1.9	0.2
129	0.0	14.6	0.0	0.0	1.4	0.0	0.0	0.0	3.4	0.0	4.0	0.0
130	0.0	7.3	0.0	0.0	0.0	1.7	0.0	1.3	1.5	3.0	1.8	2.2
131	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0
132	0.0	8.9	0.0	1.1	20.0	0.0	0.0	1.6	0.0	0.0	0.6	0.0
133	0.0	14.6	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	4.2	0.0
134	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.8	0.0	1.2	0.0
135	0.0	20.6	0.0	0.0	1.8	0.0	0.0	0.0	1.4	0.0	1.2	1.0
136	0.0	26.2	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.8	0.0
137	0.0	9.4	0.0	0.0	8.2	0.0	0.0	0.0	3.3	0.0	5.9	0.0
138	0.0	8.2	0.0	0.2	3.7	1.2	0.0	0.0	5.3	1.8	4.5	0.0
139	0.0	6.0	0.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	5.0	2.0
140	0.0	1.0	0.0	0.0	0.2	0.0	0.0	0.0	3.6	0.0	8.4	0.0
High	4.6	36.2	18.1	8.0	20.0	6.0	6.8	5.8	14.1	7.1	19.6	32.9
Mean	0.1	7.0	0.1	0.2	3.4	0.4	0.3	0.4	3.2	0.5	3.4	0.6
Median	0.0	6.7	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	2.7	0.0
Low	0.0	0.0	0.0	0.0	0.0	-2.4	-0.9	0.0	0.0	-2.7	-1.6	-0.1
n = 160	0.0	0.0	0.0	0.0	0.0	۷.٦	0.5	0.0	0.0	2.7	1.0	0.1



As of June 30, 2023 • Percent (%)

	Public Equity		Priv Equi	ty & Ver	nture Cap		Hedge Fu	nds	Private	Credit		
			ex US	Emg	Non-Ven	Ven	Other	Long/	Abs	Distressed	Distressed	Credit
Code	Global	US	Dev Mkt	Mkt	Priv Eq	Cap	Priv Inv	Short	Return	HF	PI	ex Dist
141	0.0	8.5	9.4	7.3	23.5	14.2	0.0	0.0	18.9	0.0	0.0	0.0
142	7.6	13.2	8.7	5.0	9.1	19.4	2.8	4.4	4.1	0.0	1.5	0.6
143	11.9	6.4	0.8	2.0	13.5	17.8	0.0	14.9	14.6	0.0	0.0	5.8
144	35.5	7.9	7.0	7.3	7.1	1.4	5.9	6.9	6.6	2.3	0.0	0.0
145	5.8	11.3	8.2	3.9	7.8	18.8	1.0	5.7	8.5	7.2	0.3	1.4
146	12.3	19.5	9.9	3.7	11.4	8.4	3.0	1.8	0.0	0.0	0.3	2.4
147	6.0	6.6	0.0	2.1	15.5	22.5	1.8	14.2	6.6	3.8	0.0	3.2
148	0.0	8.1	5.1	3.2	14.9	22.1	0.0	13.3	13.1	4.5	0.0	2.3
149	8.9	12.0	4.7	5.5	12.6	4.9	1.4	11.6	3.6	6.8	0.0	2.0
150	16.6	7.8	4.7	6.0	8.7	25.7	0.0	9.7	9.3	0.9	0.1	2.4
151	20.6	17.2	8.3	2.6	10.3	0.0	0.0	0.0	12.7	0.0	0.0	9.7
152	9.0	15.5	16.2	4.7	6.6	9.0	0.7	2.8	15.6	4.3	0.0	0.0
153	0.8	20.1	12.5	5.1	9.8	9.6	3.4	1.5	7.3	0.0	0.3	1.6
154	9.0	8.3	5.3	5.3	18.8	9.1	0.0	0.0	22.6	0.0	4.4	0.0
155	6.6	10.0	11.7	2.2	0.0	13.1	17.0	0.0	11.2	0.0	0.0	0.0
156	0.0	23.9	15.4	4.8	6.6	16.7	7.1	0.0	1.0	1.4	0.0	0.0
157	6.3	20.9	8.0	1.7	20.5	5.5	5.9	2.0	2.4	2.6	0.5	5.0
158	5.6	23.0	8.9	0.9	10.8	13.5	0.7	3.3	8.0	1.6	3.7	0.0
159	6.9	13.9	4.0	7.4	14.5	9.5	3.5	12.9	5.4	0.0	0.0	2.2
160	13.8	20.2	2.1	3.1	18.0	4.7	0.0	0.0	4.7	0.0	0.0	5.3

High	61.3	69.5	27.2	14.0	27.7	32.3	39.0	26.9	31.0	8.4	5.8	16.9
Mean	7.8	17.7	8.7	4.0	11.0	10.9	2.7	5.8	8.3	1.4	0.8	1.5
Median	6.0	16.4	8.1	3.9	11.4	9.0	8.0	4.8	7.7	0.5	0.1	0.3
Low	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n = 160												



As of June 30, 2023 • Percent (%)

		Fixed	Income		Real Assets & Inflation-Linked Bonds							
				High-	Real E	Estate		Infl-Link	Private	Public	Cash &	
Code	Global	US	ex US	Yield	Private	Public	Comm	Bonds	Nat Res	Nat Res	Equiv	Other
141	0.0	6.9	0.0	0.0	7.5	0.0	0.0	0.0	3.4	0.0	0.4	0.0
142	0.0	15.1	0.0	0.0	4.0	0.0	0.0	0.0	2.5	0.0	2.0	0.0
143	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	4.9	0.0	1.6	0.0
144	0.0	5.2	0.0	0.0	0.5	0.0	0.0	0.0	3.3	0.0	2.9	0.0
145	0.0	3.7	0.0	0.0	2.8	1.7	1.6	0.0	2.2	4.9	3.3	0.0
146	0.0	12.7	0.0	0.0	3.9	0.0	0.0	0.0	5.6	1.8	3.3	0.0
147	0.0	0.0	0.0	0.0	6.7	0.0	4.2	0.0	0.2	0.0	6.6	0.0
148	0.0	0.0	0.0	0.0	3.9	0.0	1.2	0.0	5.8	0.0	2.5	0.0
149	3.6	3.5	0.0	4.5	5.6	0.0	0.0	0.0	4.3	1.2	3.2	0.0
150	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	1.2	0.0	4.7	0.0
151	0.0	0.0	18.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0	-1.0	0.0
152	0.0	11.6	0.0	0.0	0.8	0.0	0.0	0.0	3.1	0.0	0.0	0.0
153	0.0	18.2	0.0	0.0	4.4	0.5	0.0	0.0	3.1	0.0	1.7	0.0
154	0.0	6.8	0.0	0.0	4.7	0.0	0.0	0.0	5.1	0.0	0.6	0.0
155	0.0	13.8	0.0	0.0	1.1	0.0	0.0	0.0	3.0	0.0	10.4	0.0
156	0.0	4.9	0.0	0.0	3.5	5.7	0.0	0.0	2.9	3.0	2.3	0.6
157	4.6	2.2	1.7	1.2	9.4	0.0	0.0	0.0	0.8	0.0	-1.6	0.4
158	0.0	6.7	0.0	0.0	2.4	1.0	4.9	0.0	3.0	1.2	1.0	0.0
159	0.2	1.5	0.3	0.1	8.1	0.0	0.0	1.9	5.0	0.0	2.8	0.0
160	0.0	7.0	0.0	0.0	13.0	0.0	0.0	0.0	3.5	0.0	4.5	0.0

High	4.6	36.2	18.1	8.0	20.0	6.0	6.8	5.8	14.1	7.1	19.6	32.9
Mean	0.1	7.0	0.1	0.2	3.4	0.4	0.3	0.4	3.2	0.5	3.4	0.6
Median	0.0	6.7	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	2.7	0.0
Low	0.0	0.0	0.0	0.0	0.0	-2.4	-0.9	0.0	0.0	-2.7	-1.6	-0.1
n = 160												



#### **PARTICIPANTS**

University of Alaska Foundation

Allegheny College

American Coll of Greece & American Univ of Greece

Amherst College

University of Arkansas Foundation Inc.

College of The Atlantic Bard College Bentley University

Berkeley Endowment Management Company

Boston College
Boston University
Bowdoin College
Brown University
Bryn Mawr College
Buena Vista University
University of California

California Institute of Technology

The UCLA Foundation

University of California, San Francisco

Canisius College Carleton College

Carnegie Mellon University Case Western Reserve University Centenary College of Louisiana

Chapman University
The University of Chicago
University of Cincinnati
Claremont McKenna College
Clemson University Foundation

The Colburn School Colby College Colgate University Columbia University Connecticut College

Cooper Union for the Advancement of Science & Art

Cornell University

College For Creative Studies

Curry College
Dartmouth College
Davidson College
University of Delaware
Denison University
Duke University

East Carolina University Foundation, Inc.

**Emory University** 

Florida State University Foundation Inc. University of Florida Investment Corporation

Georgia Tech Foundation Inc.

Gettysburg College Goucher College Grinnell College Hampton University

Harvard Management Company, Inc. University of Hawaii Foundation

Hollins University
Hope College

University of Houston System

Howard University

University of Idaho Foundation, Inc. University of Illinois Foundation Indiana University Foundation Iowa State University Foundation Jewish Theological Seminary of America

Johns Hopkins University Kalamazoo College KU Endowment Kentucky, University of Lafayette College

University of Louisiana at Lafayette Foundation

Lebanese American University

Lehigh University Lewis and Clark College

Louisiana State University Foundation

Loyola University of Chicago

Luther Seminary Lycoming College Macalester College

The University of Maryland Foundation MIT Investment Management Company

Mercy College University of Michigan Mount Holyoke College Mount St. Mary's University

**National University** 

University of Nevada, Reno Foundation Nevada System of Higher Education New York University

Northeastern University Northwestern University Norwich University University of Notre Dame Oberlin College Occidental College

Ohio State University
Ohio Wesleyan University

The University of Oklahoma Foundation, Inc.

Pace University

University of the Pacific University of Pennsylvania Pennsylvania State University Pepperdine University University of Pittsburgh Pomona College Princeton University Providence College Purdue Research Foundation

Reed College

Rensselaer Polytechnic Institute University of Rhode Island Foundation

Rice University

University of Rochester The Rockefeller University University of San Diego

San Francisco State University Foundation

Santa Clara University Scripps College Seattle University Simmons University Smith College

Soka University of America University of Southern California Southern Methodist University Southern New Hampshire University

Spelman College Stanford University St. Lawrence University University of St. Thomas Swarthmore College University of Tennessee Texas Christian University Texas Lutheran University Texas State Univ. Dev. Fdn. The University of Texas Investment Management Co. University of Toronto Asset Management Company **Trinity University Tufts University Tulane University** UNC Management Company, Inc. UNCG Endowment Partners, LP Union Theological Seminary University at Buffalo Foundation Vanderbilt University Villanova University University of Virginia Investment Management Co. Virginia Tech Foundation Washburn University Foundation University of Washington Washington College Washington and Jefferson College Washington University in St. Louis Wellesley College Wesleyan University Western New England University Wichita State University Foundation William & Mary Foundation Williams College University of Wisconsin Foundation Wittenberg University Yale University Yeshiva University

Copyright © 2023 by Cambridge Associates LLC. All rights reserved.

This report may not be displayed, reproduced, distributed, transmitted, or used to create derivative works in any form, in whole or in portion, by any means, without written permission from Cambridge Associates LLC ("CA"). Copying of this publication is a violation of US and global copyright laws (e.g., 17 U.S.C. 101 et seq.). Violators of this copyright may be subject to liability for substantial monetary damages.

This report is provided for informational purposes only. The information does not represent investment advice or recommendations, nor does it constitute an offer to sell or a solicitation of an offer to buy any securities. Any references to specific investments are for illustrative purposes only. The information herein does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Information in this report or on which the information is based may be based on publicly available data. CA considers such data reliable but does not represent it as accurate, complete, or independently verified, and it should not be relied on as such. Nothing contained in this report should be construed as the provision of tax, accounting, or legal advice. PAST PERFORMANCE IS NOT INDICATIVE OF FUTURE PERFORMANCE. Broad-based securities indexes are unmanaged and are not subject to fees and expenses typically associated with managed accounts or investment funds. Investments cannot be made directly in an index. Any information or opinions provided in this report are as of the date of the report, and CA is under no obligation to update the information or communicate that any updates have been made. Information contained herein may have been provided by third parties, including investment firms providing information on returns and assets under management, and may not have been independently verified.

The terms "CA" or "Cambridge Associates" may refer to any one or more CA entity including: Cambridge Associates, LLC (a registered investment adviser with the US Securities and Exchange Commission, a Commodity Trading Adviser registered with the US Commodity Futures Trading Commission and National Futures Association, and a Massachusetts limited liability company with offices in Arlington, Va; Boston, MA; Dallas, TX; Menlo Park, CA, New York, NY; and San Francisco, CA), Cambridge Associates Limited (a registered limited company in England and Wales, No. 06135829, that is authorized and regulated by the UK Financial Conduct Authority in the conduct of Investment Business, reference number: 474331); Cambridge Associates GmbH (authorized and regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht ('BaFin'), Identification Number: 155510), Cambridge Associates Asia Pte Ltd (a Singapore corporation, registration No. 200101063G, which holds a Capital Market Services License to conduct Fund Management for Accredited and/or Institutional Investors only by the Monetary Authority of Singapore), Cambridge Associates Limited, LLC (a registered investment adviser with the US Securities and Exchange Commission, an Exempt Market Dealer and Portfolio Manager in the Canadian provinces of Alberta, British Columbia, Manitoba, Newfoundland and Labrador, Nova Scotia, Ontario, Québec, and Saskatchewan, and a Massachusetts limited liability company with a branch office in Sydney, Australia, ARBN 109 366 654), Cambridge Associates Investment Consultancy (Beijing) Ltd (a wholly owned subsidiary of Cambridge Associates, LLC which is registered with the Beijing Administration for Industry and Commerce, registration No. 110000450174972), and Cambridge Associates (Hong Kong) Private Limited (a Hong Kong Private Limited Company licensed by the Securities and Futures Commission of Hong Kong to conduct the regulated activity of advising on securities to professional investors).

