

FUND EVALUATION REPORT

Hospitality Industry 401(k) Plan

Investment Review
April 25, 2019



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Executive Summary

- The value of the 401(k) Plan increased by \$3.6 million during the first quarter of 2019, ending at \$39.9 million on March 31, 2019. The value increased by \$3.6 million in the past twelve months.

Quarter	Market Value (\$mm)
2019Q1	\$39.9
2018Q4	\$36.3
2018Q3	\$39.5
2018Q2	\$38.2
2018Q1	\$36.3

- Equities were positive during the first quarter of 2019, with all but one equity manager up over 10%. Growth style assets continued to outperform value during this period.
- All investment options posted positive returns year-to-date. In addition, all investments were up for the 1, 3, 5, and 10 year periods, except for Goldman Sachs SCV and the three international equity managers, who experienced negative returns for the trailing 1 year period.
- Touchstone and Artisan were the best performing investments for the quarter, both up 21.7%.
- The Guaranteed Income Fund represents about one-seventh (14.9%) of the Plan's assets as of March 31, 2019.
- Only 2 of the 29 investment options had a net expense ratio above the respective peer average. The two managers with a higher expense ratio were Artisan MidCap and Principal Small Cap Growth.

Aggregate Performance and Fees As of 3/31/2019

Asset Class	% of 401(k)	Average Investment Return 1YR ¹ (%)	Benchmark Return 1YR (%)	Average Investment Management Fee ¹ (%)	Average Universe ² Investment Management Fee (%)
Large Cap U.S. Equity	20	11.7	9.5 (S&P 500)	0.34	0.75
Small/MidCap U.S. Equity	15	6.4	4.5 (Russell 2500)	0.59	0.95
International Developed Equity	4	-9.7	-3.7 (MSCI EAFE)	0.59	0.98
Emerging Market Equity	< 1	-6.8	-7.4 (MSCI EM)	0.14	1.16
Balanced Assets	36	3.5	1.4 (60% / 40%)	0.14	0.59
High Yield Bonds	3	5.8	5.9 (Barclays HY)	0.66	0.73
Investment Grade Bonds	6	3.7	4.5 (Barclays Agg)	0.20	0.38
Real Estate	2	20.0	20.7 (MSCI US REIT)	0.12	1.50
Cash	15	2.6	2.1 (Barclays 3-mo T-Bill)	0.00	0.20

- The fees remain low, overall, relative to respective peer groups.

¹ Unweighted average of options.

² Based on applicable InvestorForce peer fee groups.



Plan Summary
As of March 31, 2019

As of March 31, 2019

	1 Yr (%)	Index (%)	Excess Return (%)	Rank	3 Yrs (%)	Index (%)	Excess Return (%)	Rank	5 Yrs (%)	Index (%)	Excess Return (%)	Rank	Expense Ratio	Median Expense Ratio
Vanguard 500 Index	9.5	9.5	0.0	32	13.5	13.5	0.0	34	10.9	10.9	0.0	28	0.04%	0.74%
Touchstone Sands Institutional Growth	17.9	12.7	5.2	8	21.0	16.5	4.5	6	11.5	13.5	-2.0	60	0.80%	0.80%
Vanguard Equity Income	7.6	5.7	1.9	23	11.3	10.5	0.8	25	9.4	7.7	1.7	8	0.18%	0.72%
Artisan MidCap	12.6	11.5	1.1	25	14.1	15.1	-1.0	56	8.3	10.9	-2.6	81	0.96%	0.93%
Vanguard MidCap Index	6.0	6.0	0.0	42	11.6	11.6	0.0	48	8.8	8.9	-0.1	33	0.05%	0.89%
Victory Sycamore MidCap Value	3.6	2.9	0.7	25	11.3	9.5	1.8	9	9.7	7.2	2.5	2	0.57%	0.89%
Vanguard Small Cap Index	5.6	5.6	0.0	31	12.8	12.8	0.0	39	7.9	7.9	0.0	35	0.05%	0.99%
Principal Small Cap Growth	12.0	3.9	8.1	27	19.0	14.9	4.1	30	10.1	8.4	1.7	27	1.00%	0.99%
Goldman Sachs Small Cap Value	-1.3	0.2	-1.5	32	10.5	10.9	-0.4	15	6.1	5.6	0.5	18	0.93%	0.99%
DFA International Small Cap Value	-14.7	-7.2	-7.5	69	5.1	6.9	-1.8	67	1.4	3.5	-2.1	55	0.68%	1.05%
Capital Research & Management American Funds EuroPacific Growth	-4.7	-3.0	-1.7	66	9.3	8.4	0.9	35	4.3	4.0	0.3	43	0.49%	0.90%
Vanguard Emerging Markets Stock Index	-6.8	-6.4	-0.4	27	9.8	9.6	0.2	51	3.6	3.6	0.0	44	0.14%	1.16%
Vanguard Target Retirement Income Inv	3.9	4.1	-0.2	23	4.9	5.2	-0.3	74	4.1	3.8	0.3	50	0.12%	1.32%
Vanguard Target Retirement 2015	3.9	4.4	-0.5	23	6.3	6.4	-0.1	59	5.0	4.6	0.4	41	0.13%	0.43%
Vanguard Target Retirement 2020	3.8	4.5	-0.7	32	7.4	7.1	0.3	26	5.7	5.0	0.7	5	0.13%	0.50%
Vanguard Target Retirement 2025	3.8	4.5	-0.7	37	8.2	7.9	0.3	30	6.1	5.5	0.6	2	0.13%	0.50%
Vanguard Target Retirement 2030	3.7	4.4	-0.7	42	8.9	9.0	-0.1	36	6.4	5.9	0.5	11	0.14%	0.53%
Vanguard Target Retirement 2035	3.6	4.2	-0.6	39	9.5	9.9	-0.4	44	6.7	6.3	0.4	15	0.14%	0.54%
Vanguard Target Retirement 2040	3.4	3.9	-0.5	47	10.2	10.4	-0.2	25	7.0	6.5	0.5	19	0.14%	0.56%
Vanguard Target Retirement 2045	3.3	3.6	-0.3	48	10.4	10.6	-0.2	35	7.1	6.5	0.6	20	0.15%	0.54%
Vanguard Target Retirement 2050	3.3	3.4	-0.1	44	10.4	10.7	-0.3	47	7.1	6.5	0.6	23	0.15%	0.54%
Vanguard Target Retirement 2055	3.3	3.2	0.1	44	10.4	10.7	-0.3	53	7.1	6.4	0.7	18	0.15%	0.54%
Vanguard Target Retirement 2060	3.2	3.1	0.1	48	10.4	10.6	-0.2	59	7.0	6.3	0.7	1	0.15%	0.54%
Vanguard Target Retirement 2065	3.2	3.1	0.1	48	--	10.6	--	--	--	6.3	--	--	0.15%	0.54%
Baird Core Bond Plus	4.6	4.5	0.1	21	3.1	2.6	0.5	23	3.4	3.0	0.4	11	0.30%	0.49%
Columbia High Yield Bond	5.8	6.0	-0.2	12	6.3	8.7	-2.4	78	4.3	4.7	-0.4	30	0.66%	0.73%
Vanguard Inflation Protected Securities	2.7	2.7	0.0	10	1.6	1.7	-0.1	57	1.9	1.9	0.0	21	0.10%	0.45%
Guaranteed Income Fund	2.6	2.1	0.5	1	--	1.2	--	--	--	0.8	--	--	0.00%	0.20%
Vanguard REIT Index	20.0	20.1	-0.1	8	5.7	5.0	0.7	38	8.8	7.9	0.9	44	0.12%	0.91%

Used manager composite for trailing periods before client invested.



Plan Summary

Total Fund Aggregate

As of March 31, 2019

Asset Class Performance Summary

	Market Value 3/31/19 (\$)	% of Portfolio	Market Value 12/31/18 (\$)
Total Fund Aggregate	39,925,363	100.0	36,310,378
Large Cap Equity Assets	7,819,194	19.6	6,714,714
MidCap Equity Assets	3,728,349	9.3	3,128,561
Small Cap Equity Assets	2,246,173	5.6	2,064,219
International Developed Market Equity Assets	1,643,468	4.1	1,484,500
Emerging Market Equity Assets	127,927	0.3	110,081
Balanced Assets	14,186,466	35.5	12,924,019
Fixed Income Assets	3,591,389	9.0	3,414,303
Cash	5,938,045	14.9	5,932,794
Real Estate Assets	644,353	1.6	537,187

Total Fund Aggregate

As of March 31, 2019

Trailing Net Performance

	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
Total Fund Aggregate	39,925,363	100.0	--					
Large Cap Equity Assets	7,819,194	19.6	19.6					
Vanguard 500 Index	4,490,888	11.2	57.4	13.6	9.5	13.5	10.9	15.9
S&P 500				13.6	9.5	13.5	10.9	15.9
Large Cap MStar MF Rank				43	32	34	28	31
Touchstone Sands Institutional Growth	2,713,368	6.8	34.7	21.7	17.9	21.0	11.5	20.3
Russell 1000 Growth				16.1	12.7	16.5	13.5	17.5
Large Growth MStar MF Rank				4	8	6	60	3
Vanguard Equity Income	614,938	1.5	7.9	11.1	7.6	11.3	9.4	15.4
Russell 1000 Value				11.9	5.7	10.5	7.7	14.5
Large Value MStar MF Rank				54	23	25	8	12
MidCap Equity Assets	3,728,349	9.3	9.3					
Artisan MidCap	2,300,418	5.8	61.7	21.7	12.6	14.1	8.3	17.0
Russell MidCap Growth				19.6	11.5	15.1	10.9	17.6
Mid-Cap Growth MStar MF Rank				15	25	56	81	31
Vanguard MidCap Index	1,219,047	3.1	32.7	16.8	6.0	11.6	8.8	16.7
CRSP US Mid Cap TR USD				16.8	6.0	11.6	8.9	16.7
Mid Cap MStar MF Rank				34	42	48	33	20
Victory Sycamore MidCap Value	208,883	0.5	5.6	13.8	3.6	11.3	9.7	15.9
Russell MidCap Value				14.4	2.9	9.5	7.2	16.4
Mid-Cap Value MStar MF Rank				52	25	9	2	23

Returns and market values are preliminary.



Total Fund Aggregate

As of March 31, 2019

	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
Small Cap Equity Assets	2,246,173	5.6	5.6					
Vanguard Small Cap Index	1,804,858	4.5	80.4	16.2	5.6	12.8	7.9	17.0
CRSP US Small Cap TR USD				16.2	5.6	12.8	7.9	17.3
Small Cap MStar MF Rank				29	31	39	35	22
Principal Small Cap Growth	296,882	0.7	13.2	21.3	12.0	19.0	10.1	18.3
Russell 2000 Growth				17.1	3.9	14.9	8.4	16.5
Small Growth MStar MF Rank				17	27	30	27	20
Goldman Sachs Small Cap Value	144,432	0.4	6.4	12.5	-1.3	10.5	6.1	15.1
Russell 2000 Value				11.9	0.2	10.9	5.6	14.1
Small Value MStar MF Rank				43	32	15	18	32
International Developed Market Equity Assets	1,643,468	4.1	4.1					
DFA International Small Cap Value	1,298,170	3.3	79.0	8.6	-14.7	5.1	1.4	11.2
MSCI World ex USA SMID Net USD				11.0	-7.2	6.9	3.5	11.1
Foreign Small/Mid Value MStar MF Rank				48	69	67	55	51
Capital Research & Management American Funds EuroPacific Growth	345,297	0.9	21.0	13.2	-4.7	9.3	4.3	9.9
MSCI ACWI ex USA Growth				12.3	-3.0	8.4	4.0	9.5
Foreign Large Growth MStar MF Rank				42	66	35	43	58
Emerging Market Equity Assets	127,927	0.3	0.3					
Vanguard Emerging Markets Stock Index	127,927	0.3	100.0	11.3	-6.8	9.8	3.6	8.6
Spliced Emerging Markets Index				11.2	-6.4	9.6	3.6	8.7
Diversified Emerging Mkts MStar MF Rank				37	27	51	44	68

As of March 31, 2019

	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
Balanced Assets	14,186,466	35.5	35.5					
Vanguard Target Retirement Income Inv	1,587,270	4.0	11.2	5.5	3.9	4.9	4.1	6.7
Morningstar Lifetime Mod Incm TR USD				6.0	4.1	5.2	3.8	6.8
Tactical Allocation Mstar MF Rank				69	23	74	50	85
Vanguard Target Retirement 2015	113	0.0	0.0	6.5	3.9	6.3	5.0	9.3
Morningstar Lifetime Mod 2015 TR USD				7.4	4.4	6.4	4.6	9.1
Target Date 2015 Mstar MF Rank				74	23	59	41	79
Vanguard Target Retirement 2020	4,524,294	11.3	31.9	7.8	3.8	7.4	5.7	10.2
Morningstar Lifetime Mod 2020 TR USD				8.1	4.5	7.1	5.0	10.0
Target Date 2020 Mstar MF Rank				41	32	26	5	41
Vanguard Target Retirement 2025	11,164	0.0	0.1	8.8	3.8	8.2	6.1	11.0
Morningstar Lifetime Mod 2025 TR USD				9.0	4.5	7.9	5.5	11.0
Target Date 2025 Mstar MF Rank				30	37	30	2	33
Vanguard Target Retirement 2030	5,242,180	13.1	37.0	9.5	3.7	8.9	6.4	11.6
Morningstar Lifetime Mod 2030 TR USD				9.9	4.4	9.0	5.9	11.9
Target Date 2030 Mstar MF Rank				57	42	36	11	31
Vanguard Target Retirement 2035	15,635	0.0	0.1	10.2	3.6	9.5	6.7	12.3
Morningstar Lifetime Mod 2035 TR USD				10.9	4.2	9.9	6.3	12.5
Target Date 2035 Mstar MF Rank				61	39	44	15	20
Vanguard Target Retirement 2040	2,045,581	5.1	14.4	11.0	3.4	10.2	7.0	12.6
Morningstar Lifetime Mod 2040 TR USD				11.6	3.9	10.4	6.5	12.7
Target Date 2040 Mstar MF Rank				63	47	25	19	20

Total Fund Aggregate

As of March 31, 2019

	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
Vanguard Target Retirement 2045	2,921	0.0	0.0	11.5	3.3	10.4	7.1	12.6
Morningstar Lifetime Mod 2045 TR USD				11.9	3.6	10.6	6.5	12.7
Target Date 2045 Mstar MF Rank				59	48	35	20	23
Vanguard Target Retirement 2050	544,002	1.4	3.8	11.5	3.3	10.4	7.1	12.6
Morningstar Lifetime Mod 2050 TR USD				12.0	3.4	10.7	6.5	12.7
Target Date 2050 Mstar MF Rank				76	44	47	23	33
Vanguard Target Retirement 2055	5,827	0.0	0.0	11.5	3.3	10.4	7.1	--
Morningstar Lifetime Mod 2055 TR USD				12.0	3.2	10.7	6.4	12.6
Target Date 2055 Mstar MF Rank				79	44	53	18	--
Vanguard Target Retirement 2060	207,389	0.5	1.5	11.5	3.2	10.4	7.0	--
Morningstar Lifetime Mod 2060 TR USD				12.0	3.1	10.6	6.3	12.6
Target Date 2060+ Mstar MF Rank				93	48	59	1	--
Vanguard Target Retirement 2065	91	0.0	0.0	11.5	3.2	--	--	--
Morningstar Lifetime Mod 2060 TR USD				12.0	3.1	10.6	6.3	12.6
Target Date 2060+ Mstar MF Rank				94	48	--	--	--
Fixed Income Assets	3,591,389	9.0	9.0					
Baird Core Bond Plus	2,221,904	5.6	61.9	3.7	4.6	3.1	3.4	5.8
BBgBarc US Universal TR				3.3	4.5	2.6	3.0	4.4
Intermediate-Term Bond MStar MF Rank				25	21	23	11	21
Columbia High Yield Bond	1,220,652	3.1	34.0	8.1	5.8	6.3	4.3	10.4
ICE BofAML US High Yield Cash Pay Constrained TR				7.4	6.0	8.7	4.7	11.1
High Yield Bond MStar MF Rank				4	12	78	30	32

Total Fund Aggregate

As of March 31, 2019

	Market Value (\$)	% of Portfolio	% of Sector	QTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
Vanguard Inflation Protected Securities	148,833	0.4	4.1	3.2	2.7	1.6	1.9	3.3
BBgBarc US TIPS TR				3.2	2.7	1.7	1.9	3.4
Inflation-Protected Bond MStar MF Rank				54	10	57	21	41
Cash	5,938,045	14.9	14.9					
Guaranteed Income Fund	5,938,045	14.9	100.0	0.6	2.6	--	--	--
91 Day T-Bills				0.6	2.1	1.2	0.8	0.4
Prime Money Market Mstar MF Rank				18	1	--	--	--
Real Estate Assets	644,353	1.6	1.6					
Vanguard REIT Index	644,353	1.6	100.0	17.3	20.0	5.7	8.8	18.3
Vanguard REIT Benchmark				17.3	20.1	5.0	7.9	17.1
Real Estate MStar MF Rank				21	8	38	44	34

As of March 31, 2019

Benchmark History

As of March 31, 2019

Vanguard Emerging Markets Stock Index

9/19/2016	Present	FTSE Emerging Markets All Cap China A Inclusion Index
11/2/2015	9/18/2016	FTSE Emerging Markets All Cap China A Transition Index
6/28/2013	11/1/2015	FTSE Emerging Index
1/10/2013	6/27/2013	FTSE Emerging Transition Index
8/24/2006	1/9/2013	MSCI Emerging Markets Index

Vanguard REIT Index

2/1/2018	Present	MSCI US Inv Mkt Real Estate 25-50 Transition GR USD
5/1/2009	1/31/2018	MSCI US REIT
1/1/1990	4/30/2009	98% MSCI US REIT / 2% 91 Day T-Bills

Disclaimer, Glossary, and Notes

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SIGNIFICANT EVENTS MAY OCCUR (OR HAVE OCCURRED) AFTER THE DATE OF THIS REPORT AND THAT IT IS NOT OUR FUNCTION OR RESPONSIBILITY TO UPDATE THIS REPORT. ANY OPINIONS OR RECOMMENDATIONS PRESENTED HEREIN REPRESENT OUR GOOD FAITH VIEWS AS OF THE DATE OF THIS REPORT AND ARE SUBJECT TO CHANGE AT ANY TIME. ALL INVESTMENTS INVOLVE RISK. THERE CAN BE NO GUARANTEE THAT THE STRATEGIES, TACTICS, AND METHODS DISCUSSED HERE WILL BE SUCCESSFUL.

INFORMATION USED TO PREPARE THIS REPORT WAS OBTAINED FROM INVESTMENT MANAGERS, CUSTODIANS, AND OTHER EXTERNAL SOURCES. WHILE WE HAVE EXERCISED REASONABLE CARE IN PREPARING THIS REPORT, WE CANNOT GUARANTEE THE ACCURACY OF ALL SOURCE INFORMATION CONTAINED HEREIN.

CERTAIN INFORMATION CONTAINED IN THIS REPORT MAY CONSTITUTE “FORWARD - LOOKING STATEMENTS,” WHICH CAN BE IDENTIFIED BY THE USE OF TERMINOLOGY SUCH AS “MAY,” “WILL,” “SHOULD,” “EXPECT,” “AIM,” “ANTICIPATE,” “TARGET,” “PROJECT,” “ESTIMATE,” “INTEND,” “CONTINUE” OR “BELIEVE,” OR THE NEGATIVES THEREOF OR OTHER VARIATIONS THEREON OR COMPARABLE TERMINOLOGY. ANY FORWARD - LOOKING STATEMENTS, FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS IN THIS PRESENTATION ARE BASED UPON CURRENT ASSUMPTIONS. CHANGES TO ANY ASSUMPTIONS MAY HAVE A MATERIAL IMPACT ON FORWARD - LOOKING STATEMENTS, FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS. ACTUAL RESULTS MAY THEREFORE BE MATERIALLY DIFFERENT FROM ANY FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS IN THIS PRESENTATION.

PERFORMANCE DATA CONTAINED HEREIN REPRESENT PAST PERFORMANCE. PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

Credit Risk: Refers to the risk that the issuer of a fixed income security may default (i.e., the issuer will be unable to make timely principal and/or interest payments on the security.)

Duration: Measure of the sensitivity of the price of a bond to a change in its yield to maturity. Duration summarizes, in a single number, the characteristics that cause bond prices to change in response to a change in interest rates. For example, the price of a bond with a duration of three years will rise by approximately 3% for each 1% decrease in its yield to maturity. Conversely, the price will decrease 3% for each 1% increase in the bond's yield. Price changes for two different bonds can be compared using duration. A bond with a duration of six years will exhibit twice the percentage price change of a bond with a three-year duration. The actual calculation of a bond's duration is somewhat complicated, but the idea behind the calculation is straightforward. The first step is to measure the time interval until receipt for each cash flow (coupon and principal payments) from a bond. The second step is to compute a weighted average of these time intervals. Each time interval is measured by the present value of that cash flow. This weighted average is the duration of the bond measured in years.

Information Ratio: This statistic is a measure of the consistency of a portfolio's performance relative to a benchmark. It is calculated by subtracting the benchmark return from the portfolio return (excess return), and dividing the resulting excess return by the standard deviation (volatility) of this excess return. A positive information ratio indicates outperformance versus the benchmark, and the higher the information ratio, the more consistent the outperformance.

Jensen's Alpha: A measure of the average return of a portfolio or investment in excess of what is predicted by its beta or "market" risk. Portfolio Return- [Risk Free Rate+Beta*(market return-Risk Free Rate)].

Market Capitalization: For a firm, market capitalization is the total market value of outstanding common stock. For a portfolio, market capitalization is the sum of the capitalization of each company weighted by the ratio of holdings in that company to total portfolio holdings; thus it is a weighted-average capitalization. Meketa Investment Group considers the largest 65% of the broad domestic equity market as large capitalization, the next 25% of the market as medium capitalization, and the smallest 10% of stocks as small capitalization.

Market Weighted: Stocks in many indices are weighted based on the total market capitalization of the issue. Thus, the individual returns of higher market-capitalization issues will more heavily influence an index's return than the returns of the smaller market-capitalization issues in the index.

Maturity: The date on which a loan, bond, mortgage, or other debt/security becomes due and is to be paid off.

Prepayment Risk: The risk that prepayments will increase (homeowners will prepay all or part of their mortgage) when mortgage interest rates decline; hence, investors' monies will be returned to them in a lower interest rate environment. Also, the risk that prepayments will slow down when mortgage interest rates rise; hence, investors will not have as much money as previously anticipated in a higher interest rate environment. A prepayment is any payment in excess of the scheduled mortgage payment.

Price-Book Value (P/B) Ratio: The current market price of a stock divided by its book value per share. Meketa Investment Group calculates P/B as the current price divided by Compustat's quarterly common equity. Common equity includes common stock, capital surplus, retained earnings, and treasury stock adjusted for both common and nonredeemable preferred stock. Similar to high P/E stocks, stocks with high P/B's tend to be riskier investments.

Price-Earnings (P/E) Ratio: A stock's market price divided by its current or estimated future earnings. Lower P/E ratios often characterize stocks in low growth or mature industries, stocks in groups that have fallen out of favor, or stocks of established blue chip companies with long records of stable earnings and regular dividends. Sometimes a company that has good fundamentals may be viewed unfavorably by the market if it is an industry that is temporarily out of favor. Or a business may have experienced financial problems causing investors to be skeptical about its future. Either of these situations would result in lower relative P/E ratios. Some stocks exhibit above-average sales and earnings growth or expectations for above average growth. Consequently, investors are willing to pay more for these companies' earnings, which results in elevated P/E ratios. In other words, investors will pay more for shares of companies whose profits, in their opinion, are expected to increase faster than average. Because future events are in no way assured, high P/E stocks tend to be riskier and more volatile investments. Meketa Investment Group calculates P/E as the current price divided by the I/B/E/S consensus of twelve-month forecast earnings per share.

Quality Rating: The rank assigned a security by such rating services as Fitch, Moody's, and Standard & Poor's. The rating may be determined by such factors as (1) the likelihood of fulfillment of dividend, income, and principal payment of obligations; (2) the nature and provisions of the issue; and (3) the security's relative position in the event of liquidation of the company. Bonds assigned the top four grades (AAA, AA, A, BBB) are considered investment grade because they are eligible bank investments as determined by the controller of the currency.

Sharpe Ratio: A commonly used measure of risk-adjusted return. It is calculated by subtracting the risk free return (usually three-month Treasury bill) from the portfolio return and dividing the resulting excess return by the portfolio's total risk level (standard deviation). The result is a measure of return per unit of total risk taken. The higher the Sharpe ratio, the better the fund's historical risk adjusted performance.

Standard Deviation: A measure of the total risk of an asset or a portfolio. Standard deviation measures the dispersion of a set of numbers around a central point (e.g., the average return). If the standard deviation is small, the distribution is concentrated within a narrow range of values. For a normal distribution, about two thirds of the observations will fall within one standard deviation of the mean, and 95% of the observations will fall within two standard deviations of the mean.

STIF Account: Short-term investment fund at a custodian bank that invests in cash-equivalent instruments. It is generally used to safely invest the excess cash held by portfolio managers.

Style: The description of the type of approach and strategy utilized by an investment manager to manage funds. For example, the style for equities is determined by portfolio characteristics such as price-to-book value, price-to-earnings ratio, and dividend yield. Equity styles include growth, value, and core.

Yield to Maturity: The yield, or return, provided by a bond to its maturity date; determined by a mathematical process, usually requiring the use of a “basis book.” For example, a 5% bond pays \$5 a year interest on each \$100 par value. To figure its current yield, divide \$5 by \$95—the market price of the bond—and you get 5.26%. Assume that the same bond is due to mature in five years. On the maturity date, the issuer is pledged to pay \$100 for the bond that can be bought now for \$95. In other words, the bond is selling at a discount of 5% below par value. To figure yield to maturity, a simple and approximate method is to divide 5% by the five years to maturity, which equals 1% pro rata yearly. Add that 1% to the 5.26% current yield, and the yield to maturity is roughly 6.26%.

$$\frac{5\% \text{ (discount)}}{5 \text{ (yrs. to maturity)}} = 1\% \text{ pro rata, plus } 5.26\% \text{ (current yield)} = 6.26\% \text{ (yield to maturity)}$$

Sources: [Investment Terminology](#), International Foundation of Employee Benefit Plans, 1999.
[The Handbook of Fixed Income Securities](#), Fabozzi, Frank J., 1991.

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Throughout this report, numbers may not sum due to rounding.

Returns for periods greater than one year are annualized throughout this report.

Values shown are in millions of dollars, unless noted otherwise.