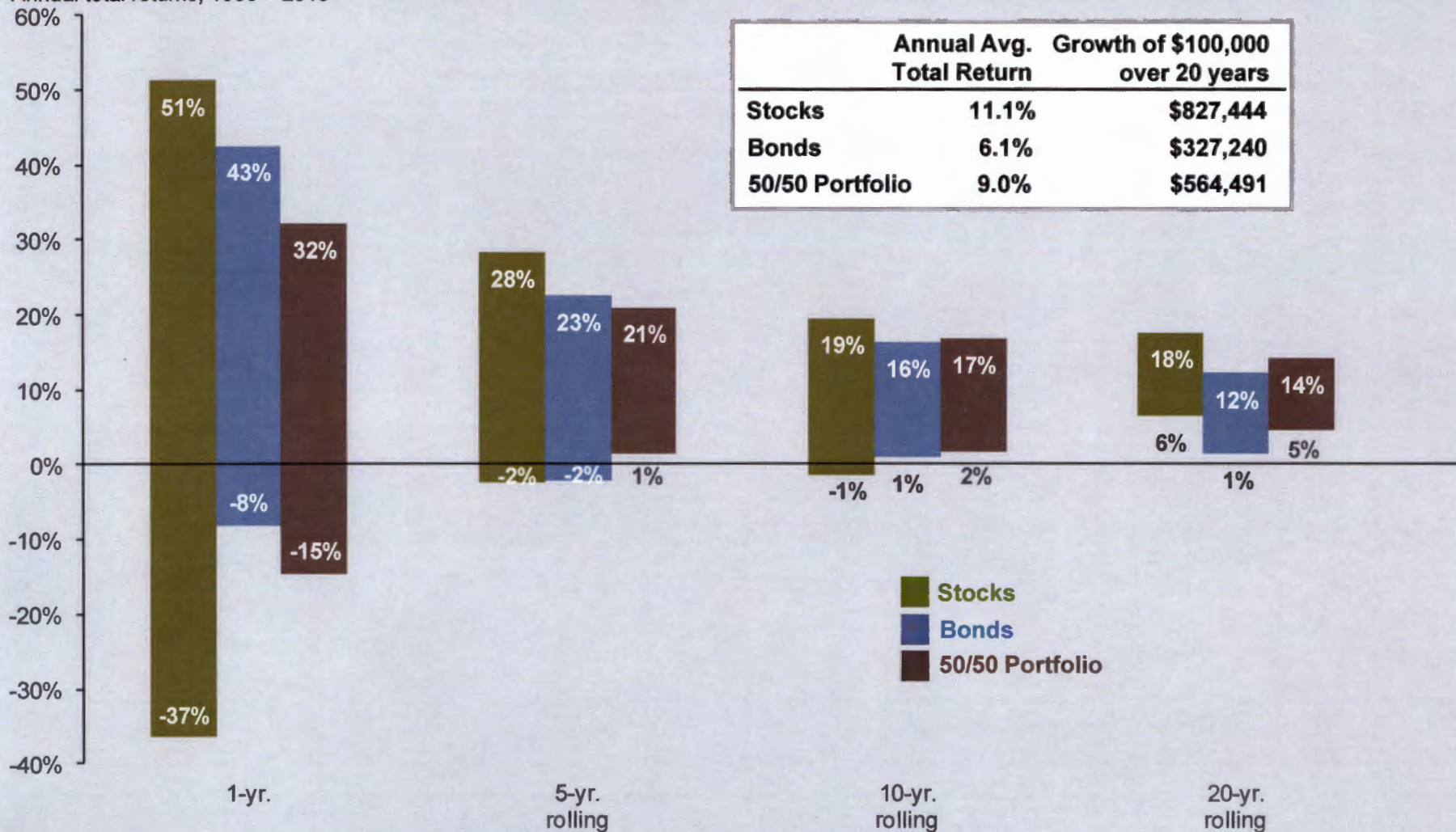


Historical Returns by Holding Period

Range of Stock, Bond and Blended Total Returns

Annual total returns, 1950 – 2013



	Annual Avg. Total Return	Growth of \$100,000 over 20 years
Stocks	11.1%	\$827,444
Bonds	6.1%	\$327,240
50/50 Portfolio	9.0%	\$564,491

Sources: Barclays Capital, FactSet, Robert Shiller, Strategas/Ibbotson, Federal Reserve, J.P. Morgan Asset Management.

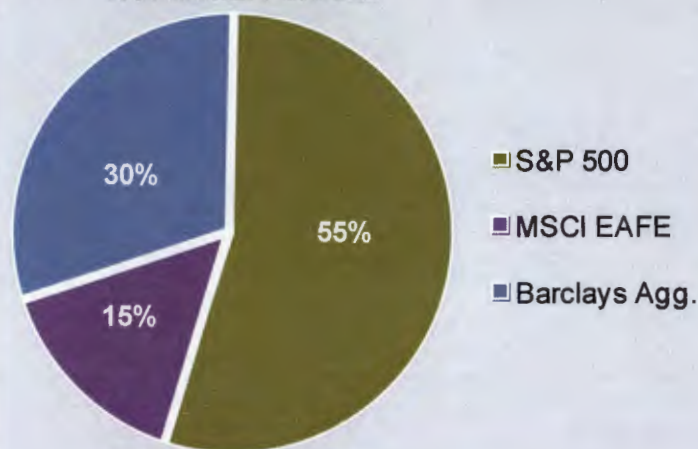
Returns shown are based on calendar year returns from 1950 to 2013. Growth of \$100,000 is based on annual average total returns from 1950-2013. Guide to the Markets – U.S.

Data are as of 12/31/13.

Diversification and the Average Investor

Maximizing the Power of Diversification (1994 – 2012)

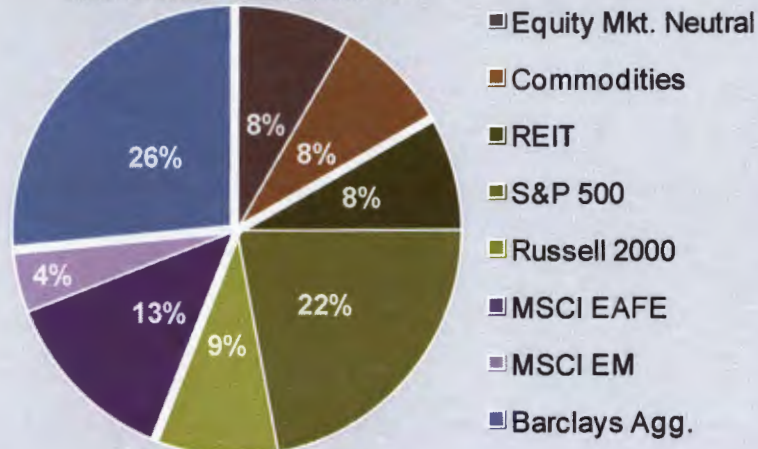
Traditional Portfolio



Return: 7.43%

Standard Deviation: 10.80%

More Diversified Portfolio



Return: 7.72%

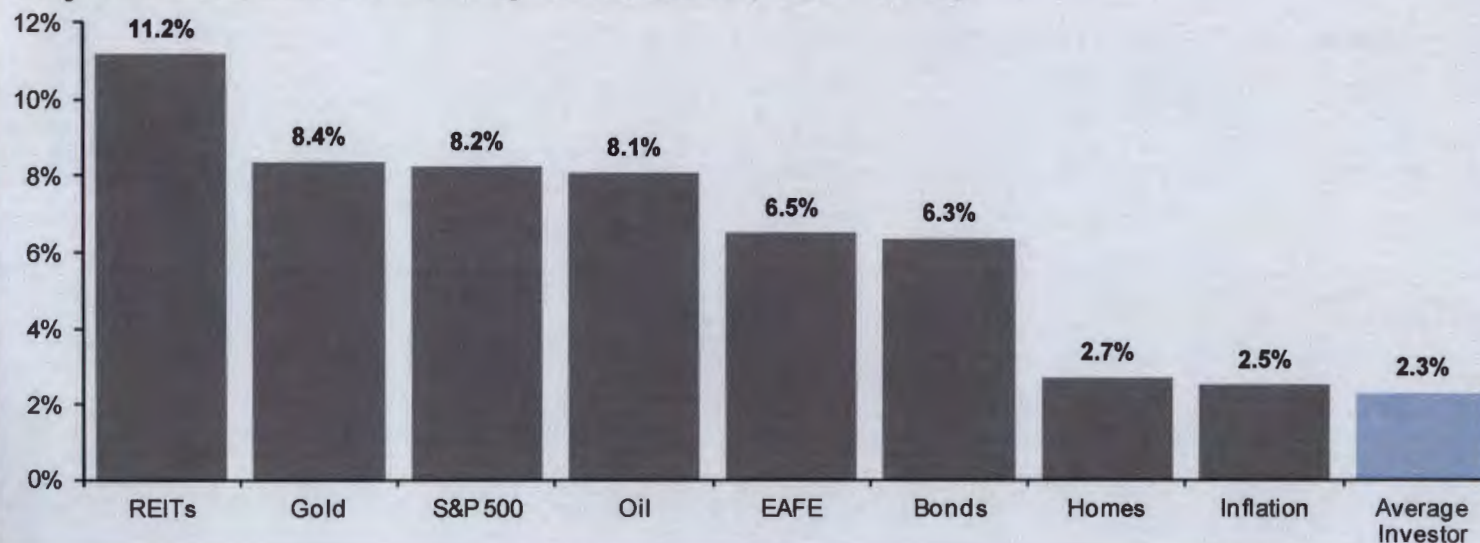
Standard Deviation: 9.87%

(Top) Indexes and weights of the traditional portfolio are as follows: U.S. Stocks: 55% S&P 500; U.S. Bonds: 30% Barclays Capital Aggregate; International Stocks: 15% MSCI EAFE. Portfolio with 25% in alternatives is as follows: U.S. Stocks: 22.2% S&P 500, 8.8% Russell 2000; International Stocks: 4.4% MSCI EM, 13.2% MSCI EAFE; U.S. Bonds: 26.5% Barclays Capital Aggregate; Alternatives: 8.3% CS/Tremont Equity Market Neutral; 8.3% DJ/UBS Commodities; 8.3% NAREIT Equity REIT Index. Return and standard deviation calculated using Morningstar Direct.

Charts are shown for illustrative purposes only. Past performance is not indicative of future returns. Diversification does not guarantee investment returns and does not eliminate risk of loss. Data are as of 12/31/13. Guide to the Markets – U.S. J.P. Morgan Asset Management.

(Bottom) Indexes used are as follows: REITS: NAREIT Equity REIT Index, EAFE: MSCI EAFE, Oil: WTI Index, Bonds: Barclays Capital U.S. Aggregate Index, Homes: median sale price of existing single-family homes, Gold: USD/troy oz, Inflation: CPI. Average asset allocation investor return is based on an analysis by Dalbar Inc., which utilizes the net of aggregate mutual fund sales, redemptions and exchanges each month as a measure of investor behavior. Returns are annualized (and total return where applicable) and represent the 20-year period ending 12/31/12 to match Dalbar's most recent analysis.

20-year Annualized Returns by Asset Class (1993 – 2012)



J.P. Morgan Asset Management Long-term Capital Market Return Assumptions

As of September 30, 2013*

Expected 10-15 year annualized compound returns (%) ^{1,2}		Rationale
U.S. ECONOMIC INDICATORS	Inflation	2.25
	Core Inflation	2.25
	Real GDP	2.50
FIXED INCOME ²	U.S. Cash	2.00
	U.S. Intermediate Treasury ³	4.25
	U.S. Long Treasury ⁴	3.25
	U.S. TIPS	4.75
	U.S. Aggregate	4.25
	U.S. Short Duration Gov't/Credit	2.50
	U.S. Long Duration Gov't/Credit	4.75
	U.S. Investment Grade Corporate	5.00
	U.S. Long Corporate	5.00
	U.S. High Yield	6.00
	U.S. Leveraged Loan (BB or better)	4.50
	World Government Bond (local)	2.75
	World ex-U.S. Government Bond (local)	2.50
	World ex-U.S. Government Bond (hedged)	3.25
	Emerging Markets Sovereign Debt (hedged)	6.75
	Emerging Markets Local Currency Sovereign Debt (unhedged)	7.00
	Emerging Markets Corporate Debt (hedged)	6.25
	U.S. Municipal (1-15 Blend)	3.75
EQUITY ²	U.S. Large Cap	7.50
	U.S. Large Cap EPS Growth	4.50
	U.S. Large Cap Dividend Yield	3.00
	U.S. Large Cap P/E Return Impact	zero
	U.S. Mid Cap	7.75
	U.S. Small Cap	7.50
	U.S. Large Cap Value	7.75
	U.S. Large Cap Growth	7.25
	Europe ex-U.K. Large Cap (local)	8.00
	Japan Large Cap (local)	4.75
	U.K. Large Cap (local)	8.25
	EAFE Equity (local)	7.50
	EAFE Equity (unhedged)	7.75
	Emerging Markets Equity (unhedged)	9.00
	Asia ex-Japan Equity (unhedged)	9.25
	Global Equity (unhedged)	7.75
ALTERNATIVE/OTHER ²	U.S. Private Equity ^{5,6}	8.00
	U.S. Direct Real Estate (unlevered) ^{5,6}	6.00
	U.S. Value Added Real Estate (unlevered) ^{5,6}	7.75
	European Real Estate (unlevered, local) ^{5,6}	6.00
	U.S. REITs	6.75
	Global Infrastructure ^{5,6}	7.25
	Hedge Fund—Diversified ^{5,6}	5.25
	Hedge Fund—Event Driven ^{5,6}	6.00
	Hedge Fund—Long Bias ^{5,6}	6.25
	Hedge Fund—Relative Value ^{5,6}	4.75
	Hedge Fund—Macro ^{5,6}	5.25
	Commodities (spot) ⁵	3.75
	Gold (spot)	4.25

* Data as of September 30, 2013, except hedge funds (diversified, event driven, long bias, and relative value) as of June 30, 2013 and hedge fund (macro) as of May 31, 2013.

¹ Return estimates are on a compound or internal rate of return (IRR) basis. Equivalent arithmetic averages, as well as further information, are shown on the following page.

² All asset class assumptions are in total return terms, including equity return assumptions. All returns are in U.S. dollar terms unless otherwise indicated.

³ U.S. Intermediate Treasury returns based on Barclays Capital U.S. Treasury: 7-10 Year Index.

⁴ U.S. Long Treasury returns based on Barclays Capital U.S. Treasury: 20+ Year Index.

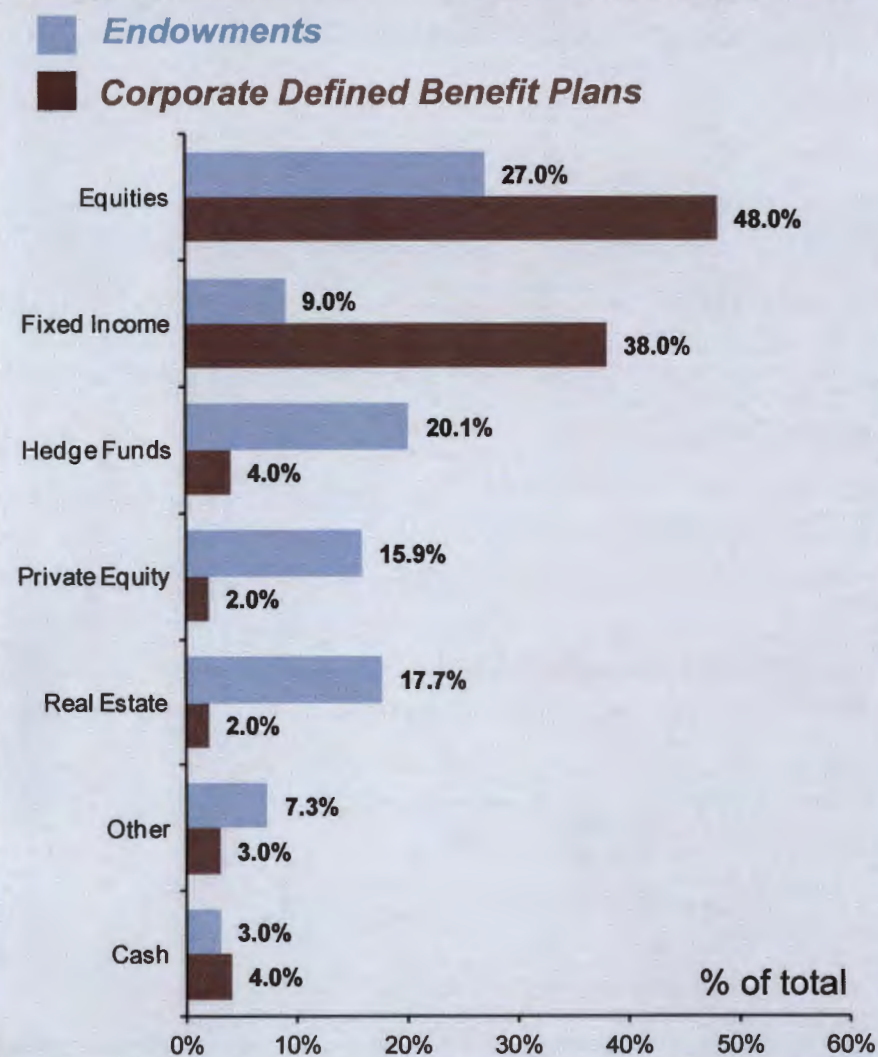
⁵ Private equity, hedge funds, real estate, infrastructure and commodities are unlike other asset categories shown above in that there is no underlying investible index. Hedge fund returns are shown net of manager fees.

⁶ The return estimates shown for these asset classes and strategies are our estimates of industry medians—the dispersion of returns among managers in these asset classes and strategies is typically far wider than for traditional asset classes. See additional notes on the following page.

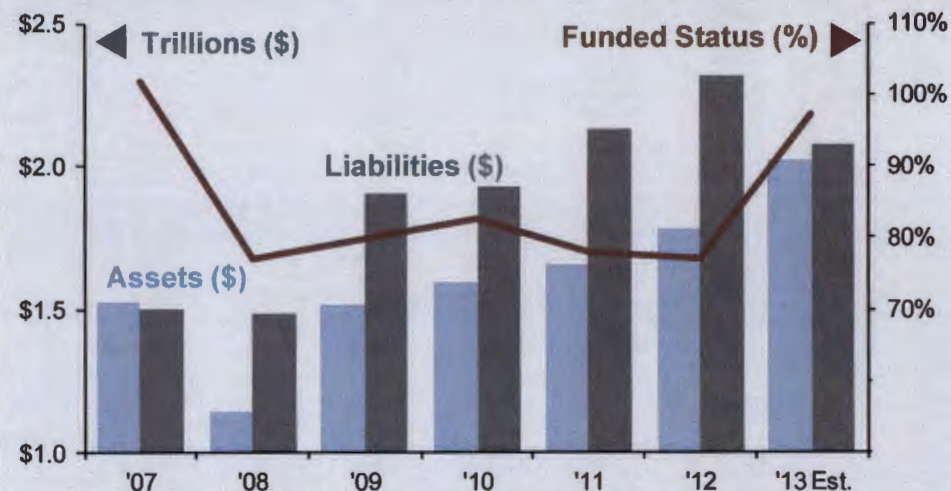
Expected annualized volatility (%) ²				Expected compound return (%) ²				Expected arithmetic return (%) ²				Correlation Matrix			
												</			

Corporate DB Plans and Endowments

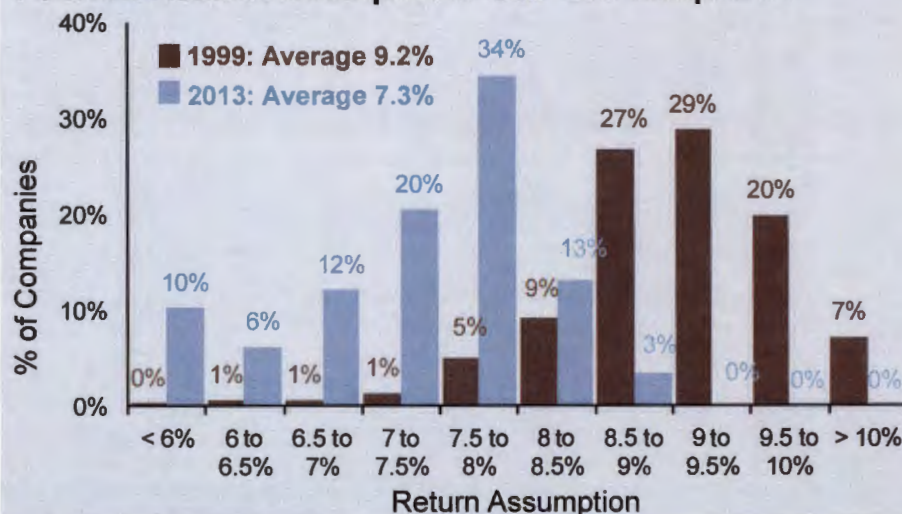
Asset Allocation: Corporate DB Plans vs. Endowments



Defined Benefit Plans: Russell 3000 Companies



Pension Return Assumptions: S&P 500 companies



Source: NACUBO (National Association of College and University Business Officers), Towers Watson, Compustat/FactSet, J.P. Morgan Asset Management. Asset allocation as of 2012. Funded status for 2013 estimated using 2013 market returns. Endowments represents dollar-weighted average data of 842 colleges and universities. Pension Return Assumptions based on all available and reported data from S&P 500 Index companies. Pension Assets, Liabilities and Funded Status based on Russell 3000 companies reporting pension data. Return assumption bands are inclusive of upper range. All information is shown for illustrative purposes only. Guide to the Markets – U.S. Data are as of 12/31/13.