Fixed Income Markets Then and Now

September 8, 2014

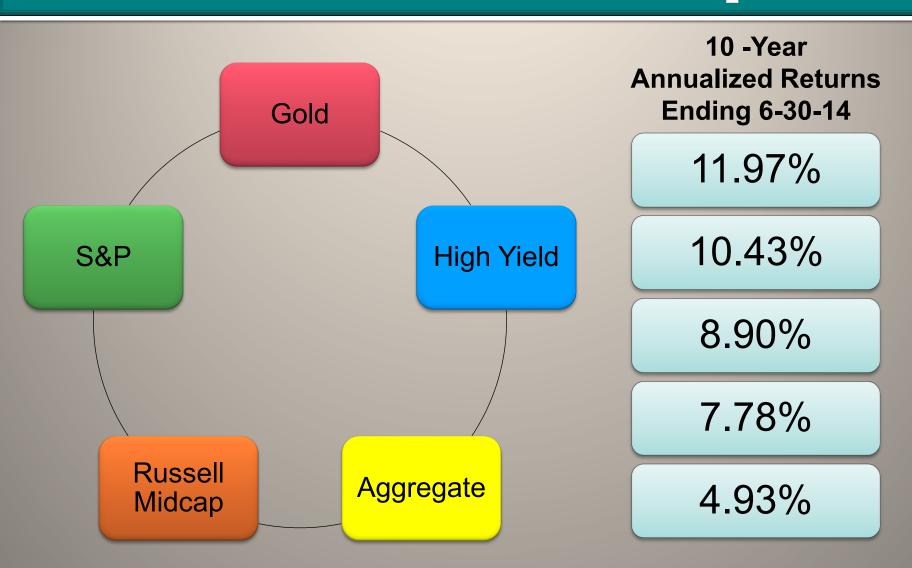


Gilbert Andrew Garcia, CFA Managing Partner

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Question: 2014



Answer: 2014

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Gold

Russell Midcap

High Yield

S&P

Aggregate

10 -Year Annualized Returns Ending 6-30-14

11.97%

10.43%

8.90%

7.78%

4.93%

Why is Return not enough?

- Return doesn't account for the risk.
- Investors must be compensated for risk.
- We should measure returns on a risk adjusted basis.

Sharpe Ratio

- Developed by Nobel laureate William F. Sharpe.
- Calculated by subtracting the Risk Free Return from the Investment Return and dividing the difference by the Volatility of the Investment.

Sharpe Ratio =
$$\frac{R - Rf}{\sigma}$$

 A higher Sharpe ratio equates to better riskadjusted performance.

Reality: 2014

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10 -Year Annualized Returns Ending 6-30-14

11.97%

10.43%

8.90%

7.78%

4.93%

10 -Year Sharpe Ratio Ending 6-30-14

1.04

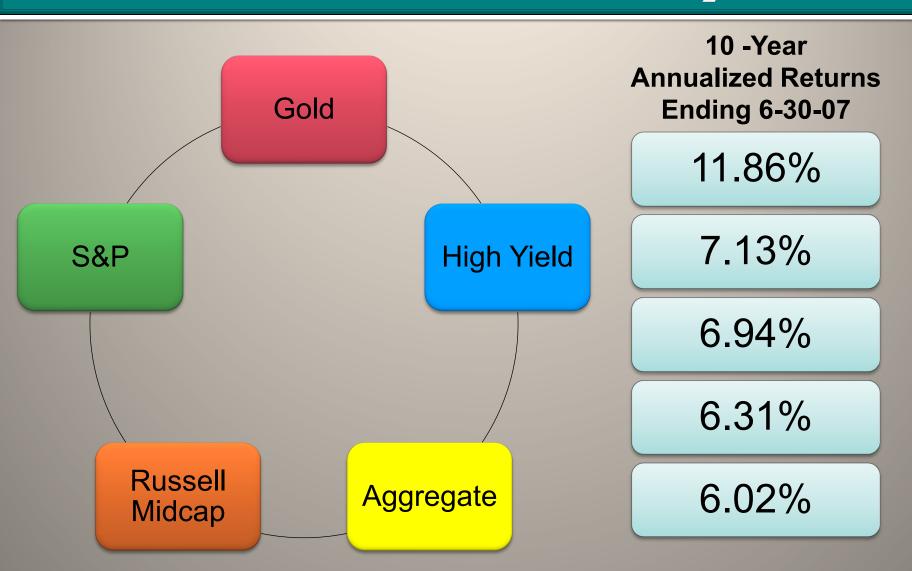
0.71

0.54

0.50

0.42

Question: 2007



Answer: 2007

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S&P

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High Yield

Aggregate

10 -Year Annualized Returns Ending 6-30-07

11.86%

7.13%

6.94%

6.31%

6.02%

Reality: 2007

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Aggregate

10 -Year Annualized Returns Ending 6-30-07

11.86%

7.13%

6.94%

6.31%

6.02%

10 -Year Sharpe Ratio Ending 6-30-07

0.66

0.51

0.37

0.23

0.23

Sharpe Ratio 2014 - vs- 2007

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Aggregate

High Yield

Gold

Russell Midcap

S&P

10 -Year Sharpe Ratio Ending 6-30-14

1.04

0.71

0.54

0.50

0.42

10 -Year Sharpe Ratio Ending 6-30-07

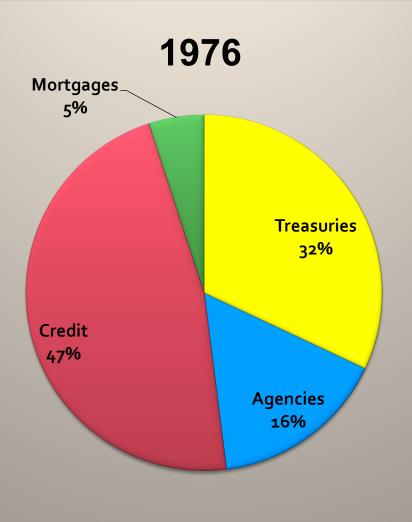
0.66

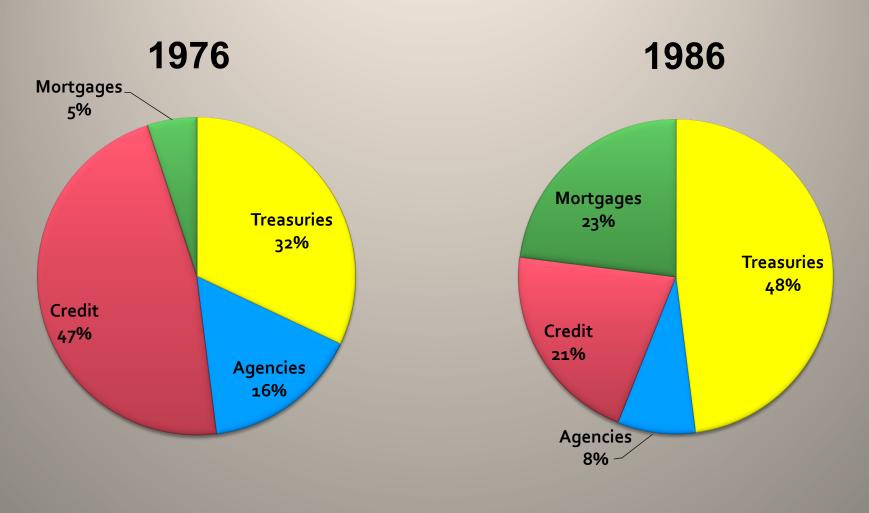
0.51

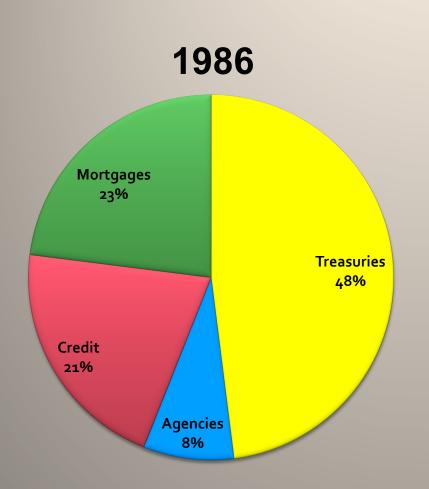
0.37

0.23

0.23





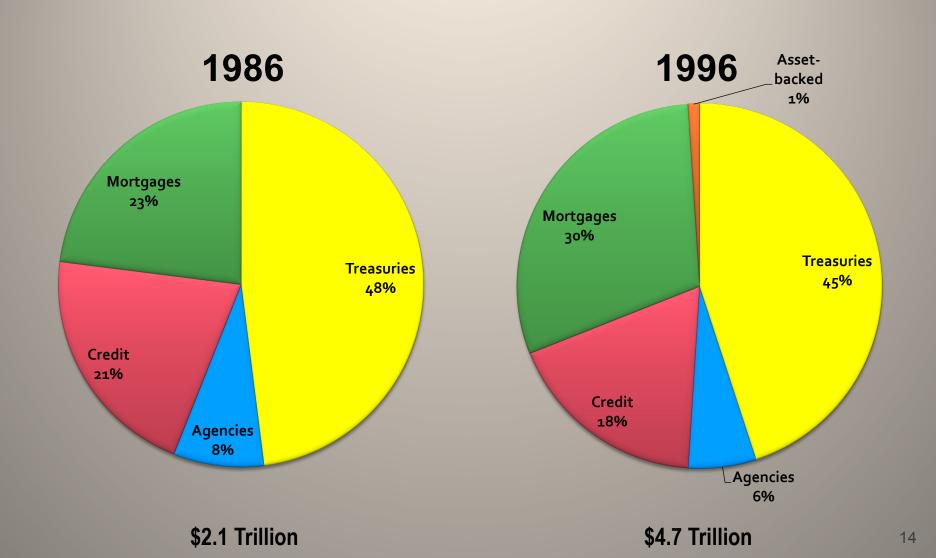


13

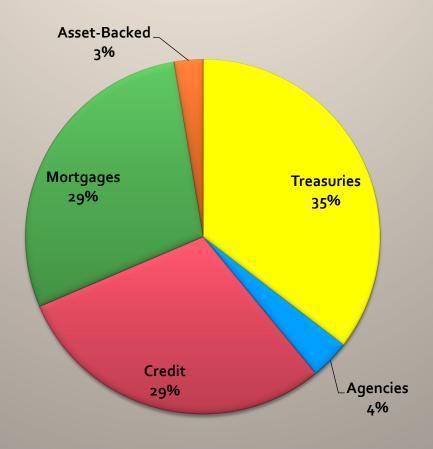
CMO's invented

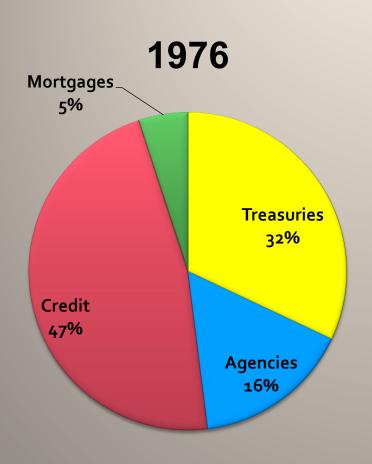
- MBS along the yield curve
 - Floating rate traunches
 - > PAC's

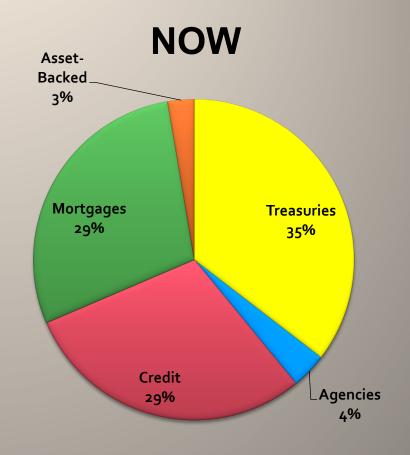
\$2.1 Trillion 13



NOW



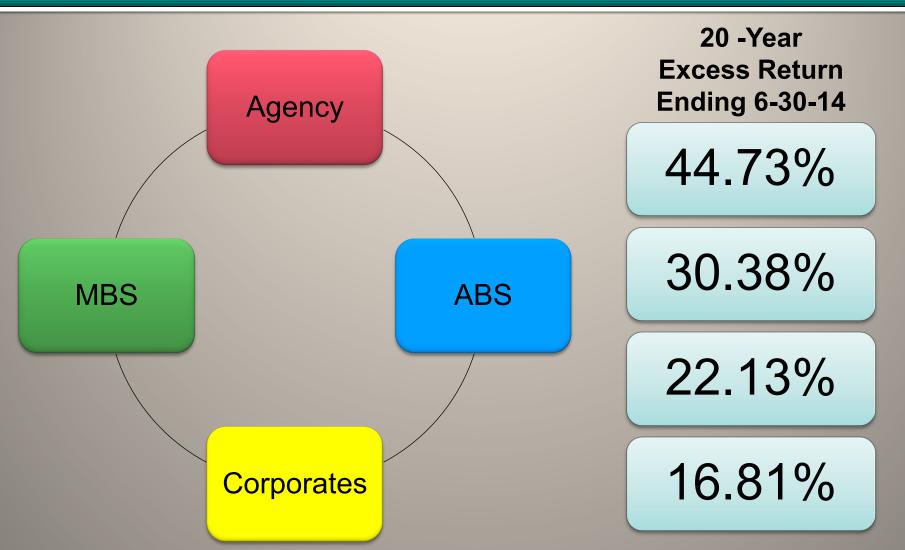




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\$456 Billion \$17.1 Trillion

Question: 2014



Answer: 2014

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Corporates

MBS

Agency

ABS

20 -Year Excess Return Ending 6-30-14

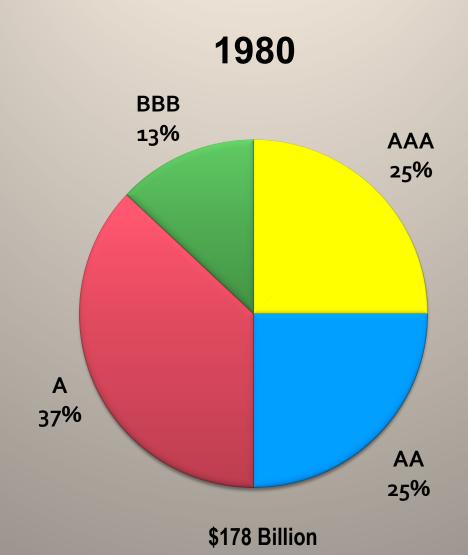
44.73%

30.38%

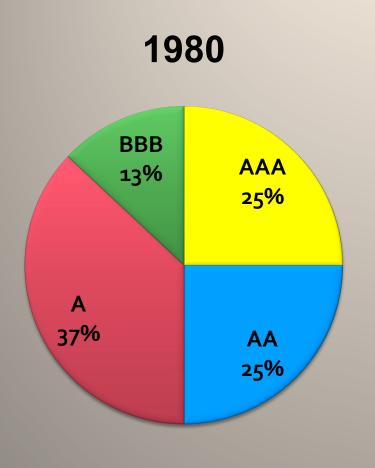
22.13%

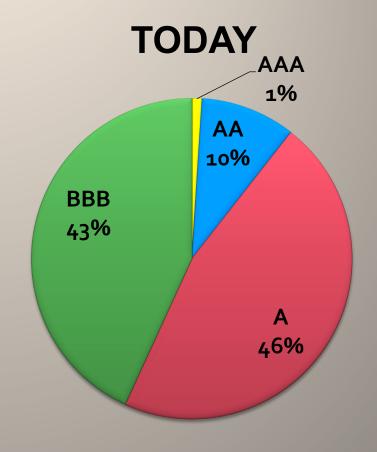
16.81%

Corporate Credit Quality Distribution



Corporate Credit Quality Distribution

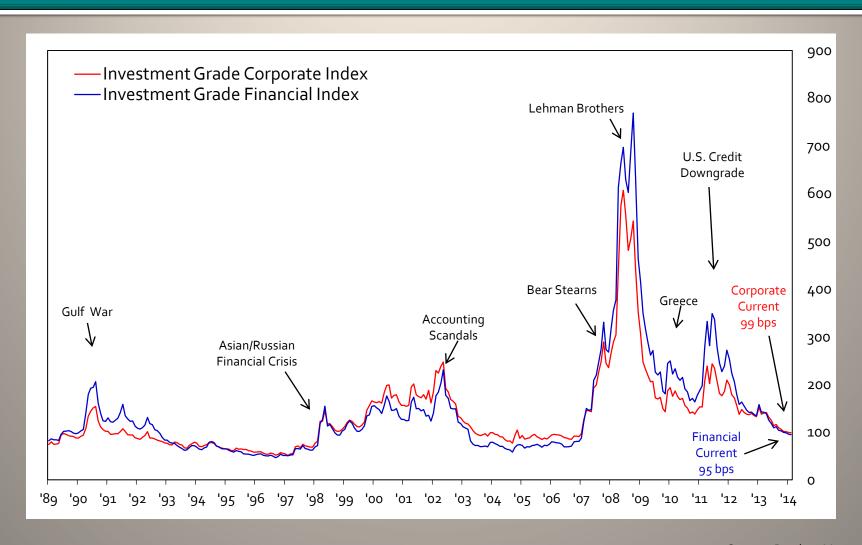




20

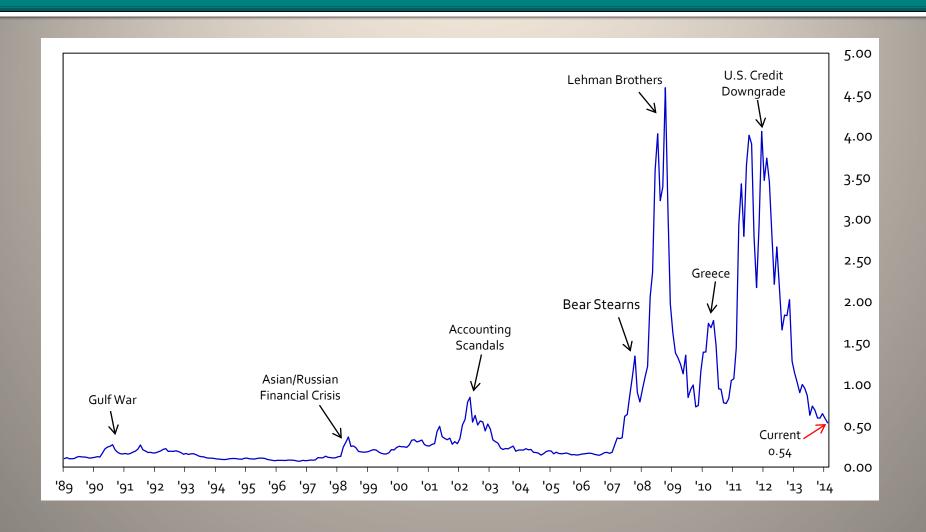
\$178 Billion \$4.0 Trillion

Average Option Adjusted Spreads (OAS)



Financial Corporate Bonds Spreads Ratio

(OAS Spread / 5 yr Treasury yield)



Market Developments

Electronic Trading

> TRACE Data

TRACE Example

