American Capital Agency

Barclays Americas Select Franchise Conference

May 22, 2013

AGNC NASDAQ LISTED

Corporate Overview

- **Summary**
  - American Capital Agency Corp. is a real estate investment trust that invests in and manages a levered portfolio of residential mortgage securities for which the principal and interest payments are guaranteed by a U.S. government-sponsored entity (Fannie Mae, Freddie Mac) or a U.S. government agency (Ginnie Mae)
- **Our Investment Objective**
  - Provide attractive risk-adjusted returns to our investors over the long-term through a combination of dividends and capital appreciation
- **Our Investment Strategy**
  - Invest across the Agency MBS universe via relative value approach to asset selection
  - Leverage and hedging strategies designed to manage risk within reasonable bands across a range of interest rate scenarios
- **Our Team**
  - Senior investment professionals have worked together for the majority of their careers and, on average, have 19 years of investment experience across the residential mortgage universe
  - Previously managed one of the world's largest portfolios of residential mortgage related investments
- **Our Fee Structure**
  - 1.25% on equity
  - No incentive fee

Capital Stock Highlights

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TYPE / STOCK TICKER:
COMMON STOCK / AGNC

EXCHANGE:
NASDAQ

IPO DATE:
MAY 2008

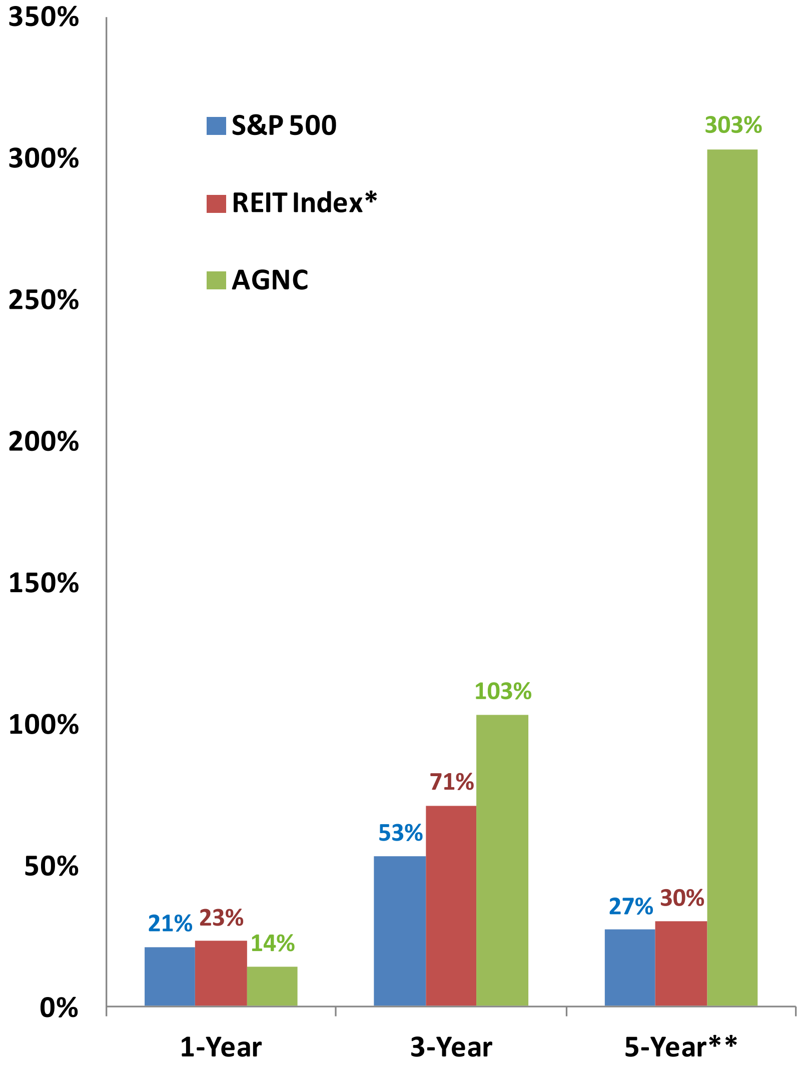
IPO PRICE:
$20.00 PER SHARE

TOTAL DIVIDENDS PAID SINCE IPO[1]:
$25.11 PER SHARE

NET ASSET VALUE[2]:
$28.93 PER SHARE

TOTAL EQUITY CAPITAL[2]:
$11.5 BILLION

Total Return

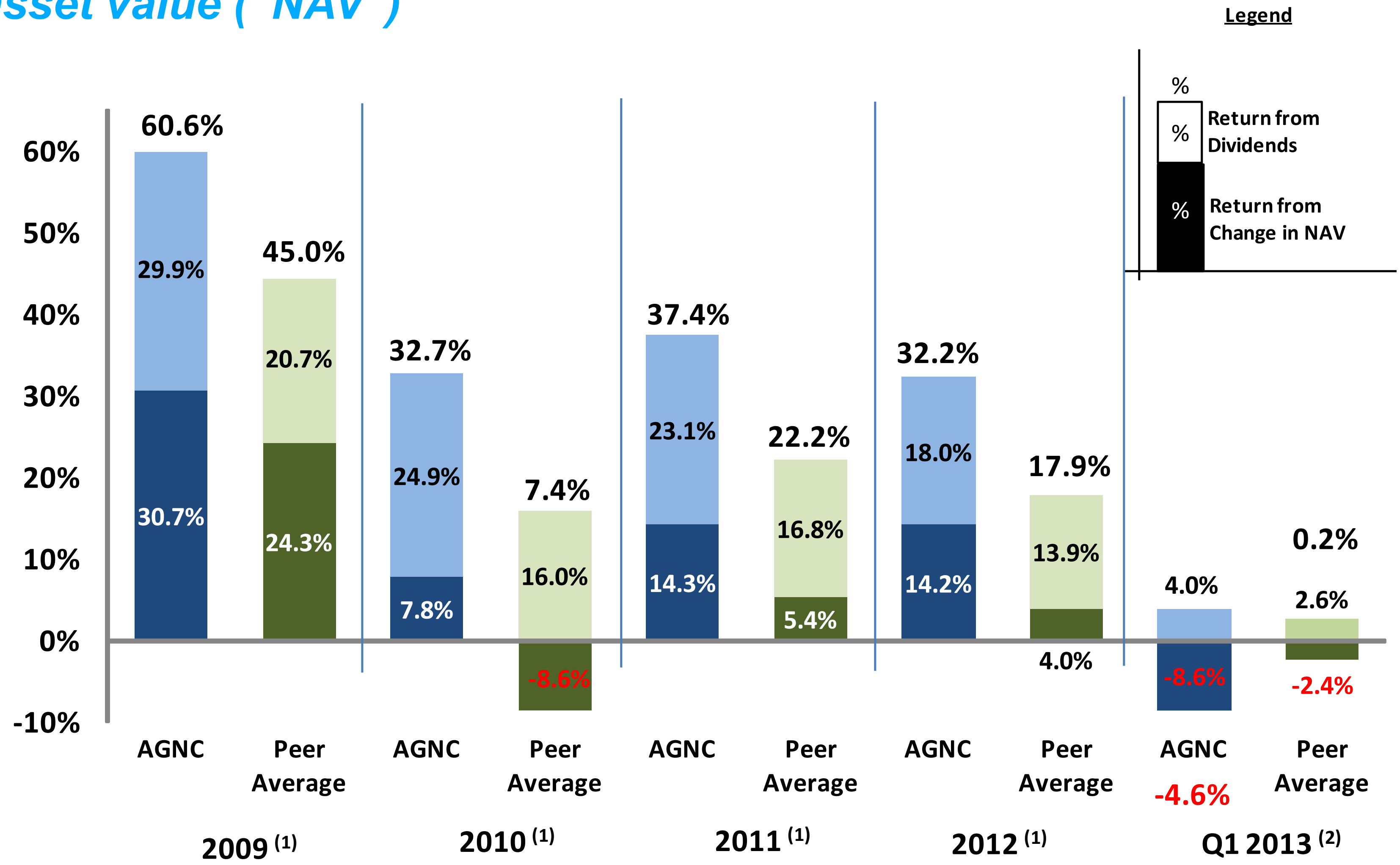


1. As of April 30, 2013
2. As of Mar 31, 2013, net of 8.000% Series A Cumulative Redeemable Preferred Stock ("Series A Preferred Stock") aggregate liquidation preference of $173 million

* SNL US Finance REIT Index
** 5-year total return from May 15, 2008-May 6, 2013
Total Return Source: SNL Financial, as of May 6, 2013

Multi-Year Economic Returns

"Economic Return" is the sum of cash dividends plus the change in our net asset value ("NAV")



1. Peer group for 2009 - 2012 period comprised of NLY, CYS, HTS, CMO and ANH. Peer Group includes ARR for the period from July 1, 2010 - Dec 31, 2012, weighted pro-rata relative to the applicable time period.
2. Peer group for Q1 2013 NLY, CYS, HTS, CMO, ANH and ARR.

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Attractive Returns Are Possible Under a Range of Environments

While today's record low funding rates and a steep curve have facilitated very strong returns since the crisis, we strongly believe that AGNC can produce very attractive returns over a wide range of interest rate environments

Gross Levered ROE Before Expenses (normalized 5% yield environment)

Net Interest Margin	Leverage (Debt to Equity): 6x	7x	8x	9x	10x
0.50%	8.0%	8.5%	9.0%	9.5%	10.0%
1.00%	11.0%	12.0%	13.0%	14.0%	15.0%
1.50%	14.0%	15.5%	17.0%	18.5%	20.0%
2.00%	17.0%	19.0%	21.0%	23.0%	25.0%

Gross Levered ROE Before Expenses

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Pro forma analysis results are not indicative of future returns and are provided for illustrative purposes only. There can be no assurance that AGNC will achieve comparable results, be able to implement its investment strategy or be able to avoid losses. Net interest margin intended to represent gross asset yield less expenses associated with leverage and hedging. Gross levered return on equity before expenses is intended to represent gross levered asset yield less expenses associated with leverage and hedging.

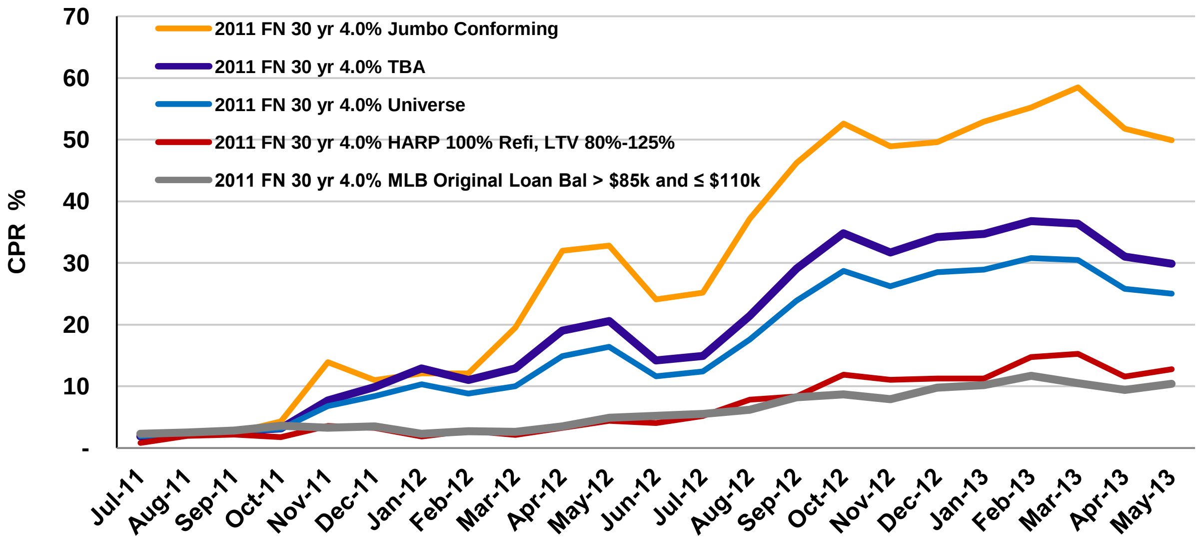
Drivers of Long Term Success

- **Asset selection is the biggest driver of success in any investment business**
  - ✓ Prepayment performance and predictability of speeds across a range of scenarios is the key to generating attractive risk adjusted returns
  - ✓ Diversification of positions between coupons, maturities, and loan characteristics is also critical to portfolio construction
- **Risk management is also critical to long run success**
  - ✓ Hedging strategies designed to protect book value against larger moves in interest rates
    - Given negative convexity of MBS, purchasing some options is critical to effective portfolio management
  - ✓ Basis risk between mortgage assets and other interest rate products will always exist and but can by impacted by asset selection strategies and leverage levels.
- **Transparent disclosure related to portfolio and hedge composition is also essential to consistent shareholder value creation.**

Asset Selection Drives Prepayment Behavior

AGNC's fixed rate portfolio comprised of 78% HARP or lower loan balance securities as of Mar 31, 2013 (inclusive of net TBA positions)

Prepayment Speeds on 2011 FNMA 30yr 4.0% Coupons (1)



- ♦ **QE3 is likely to keep prepayments on most generic 3.5% and higher coupons elevated over the near term**
- ♦ **We believe prepayment speeds on lower loan balance and higher LTV HARP loans should remain contained**

1. Source: JPM, represents the weighted average actual 1 month annualized CPR released at the beginning of the month

Slow Prepayments Are Critical to Returns

Hypothetical Yield Sensitivity Analysis* 30 Year 3.5% Agency MBS				
	10 CPR	20 CPR	30 CPR	40 CPR
Asset Yield[1]	2.51%	1.86%	1.11%	0.25%
Cost of Funds[2]	-0.80%	-0.80%	-0.80%	-0.80%
Net Margin	1.71%	1.06%	0.31%	-0.55%
ROE (8x Lev)	16.19%	10.34%	3.59%	-4.15%

- **ROE is very sensitive to prepayments given current market prices and record low interest rates**

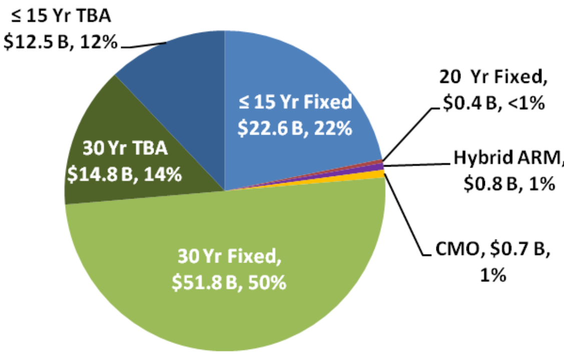
**The hypothetical ROEs listed above are intended for illustrative purposes only to show the effect of prepayment speeds on ROEs and are calculated at TBA prices. Specified collateral, such as lower loan balance securities, are now priced at significant premiums to generic mortgages and thus yields at the speeds listed above will be materially lower*

1. As of 5/9/2013 for 6/13/2013 FNCL 3.5s – 106-03
2. Assumes a blend of repo funding and swap hedges

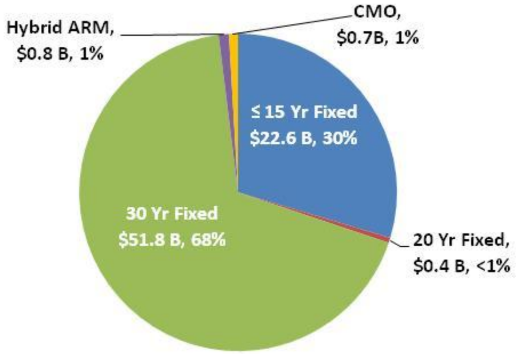
Q1 2013 Portfolio Update

Our portfolio remains well positioned against prepayments

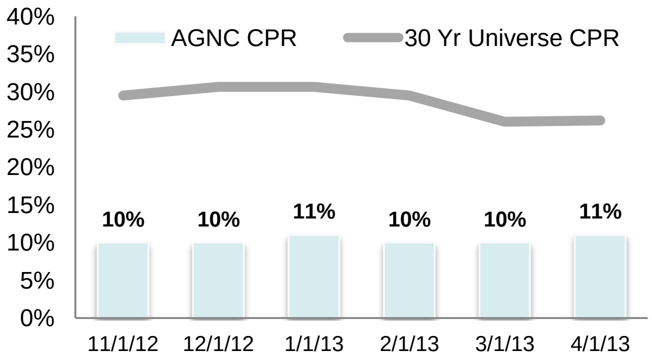
$103.6 B Portfolio as of 3/31/13
MBS ($76.3B, 74%) & Net TBA Portfolio ($27.3 B, 26%)



$76.3 B MBS Portfolio as of 3/31/13



AGNC Actual CPR [1][2]



≤ 15 Year - $22.6 B Portfolio (30% of Total) as of 3/31/13

($ In Millions)	FMV	%	Coupon	WALA [5]	Apr'13 1 M Actual CPR [1]	Life Forecast CPR [6]
Lower Loan Bal [3]	$15,212	43%	3.61%	24	16%	12%
HARP [4]	1,442	4%	3.44%	19	13%	12%
Other 2009-2013	5,890	17%	2.86%	11	12%	11%
Other (Pre 2009)	31	0%	4.62%	90	5%	14%
≤15 Year MBS	**$22,575**	**64%**	**3.40%**	**20**	**15%**	**12%**
TBA	**$12,492**	**36%**	**2.52%**	**N/A**	**N/A**	**N/A**
Total ≤15 Year	**$35,067**	**100%**	**3.08%**	**N/A**	**N/A**	**N/A**

30 Year - $51.8 B Portfolio (68% of Total) as of 3/31/13

($ In Millions)	FMV	%	Coupon	WALA [5]	Apr'13 1 M Actual CPR [1]	Life Forecast CPR [6]
Lower Loan Bal [3]	$17,966	27%	3.81%	16	9%	8%
HARP [4]	23,493	35%	3.84%	13	9%	8%
Other 2009-2013	10,001	15%	3.14%	6	6%	6%
Other (Pre 2009)	342	1%	5.61%	91	32%	19%
30 Year MBS	**$51,802**	**78%**	**3.70%**	**13**	**9%**	**8%**
TBA	**$14,791**	**22%**	**3.29%**	**N/A**	**N/A**	**N/A**
Total 30 Year	**$66,593**	**100%**	**3.61%**	**N/A**	**N/A**	**N/A**

1. Wtd/avg actual 1 month annualized CPR released at the beginning of the month based on the securities held as of the preceding month-end
2. "30 Yr Universe" represents Fannie Mae 30 yr fixed rate universe
3. Lower loan balance defined as pools backed by original loan balance of up to $150 K. Wtd/avg original loan balance of $96 K for 15-year and $99 K for 30-year securities as of Mar 31, 2013
4. HARP defined as pools backed by 100% refinance loans with original LTVs ≥ 80%. Wtd/avg original LTV of 95% for 15- year and 106% for 30-year securities as of Mar 31, 2013 . Includes $0.1 B and $4.8 B of 15 Yr and 30 Yr securities with >105 LTV pools which are not deliverable into TBA securities.
5. WALA represents the weighted average loan age presented in months
6. Average projected life CPR as of Mar 31, 2013

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Risk Management Overview

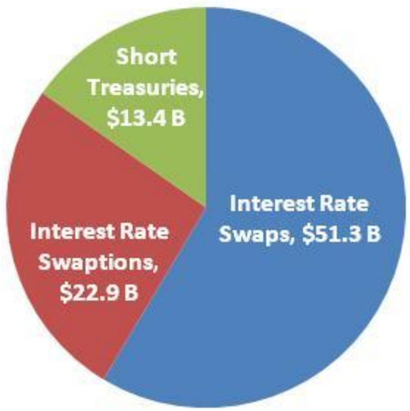
- **Risk management platform**
  - ✓ Complete suite of portfolio analytics performed on a daily basis through 3rd party vendor
  - ✓ Internal management limit framework designed to monitor exposure to interest rates, basis risk, leverage and liquidity exposure
  - ✓ Perform daily extreme parallel and non-parallel rate shocks
- **Hedge portfolio composition**
  - ✓ Diversified hedge portfolio (swaps, treasuries, swaptions)
  - ✓ Active approach to interest rate risk management
- **Derivative counterparty risk management**
  - ✓ Diversified counterparties
  - ✓ Daily mark-to-market and collateral exchange
- **Funding Summary**
  - ✓ Average Original Days to Maturity of funding increased from 51 days in Q1 2011 to 183 days in Q1 2013
  - ✓ 32 counterparties
  - ✓ Diversified around the globe

Hedge Portfolio Composition

The goal of our hedging activities is not to eliminate risk but to attempt to maintain our book value within reasonable bands over a wide range of interest rate scenarios

- **We use a variety of hedge instruments including swaps, treasury securities and swaptions to hedge interest rate risk**
  - ✓ Swaps comprise the largest component of our hedges
  - ✓ Swaptions give us the ability to hedge a significant portion of the extension risk in our assets
  - ✓ Short treasury securities are the most liquid hedges and are also directly impacted by expectations related to FED purchases (qe3)
- **At 3/31/13, the aggregate amount of hedges we held cover 94% of our repo, other debt and net TBA positions**

$87.5 B Hedge Portfolio as of 3/31/13 [1]



1. Hedge portfolio excludes net long TBA position of $26.3 B notional value as of 3/31/13

Managing Mortgage Extension Risk (1)

Even if interest rates rise 200 bp instantaneously, our models indicate that our duration gap would remain under 2 years which is below where many financial institutions operate in normal day to day operations

Duration Gap Sensitivity (2)			
	Position 4/30/2013	**Rates Up 100 Bps**	**Rates Up 200 Bps**
Mortgage Assets:			
30 Year	4.2	6.6	7.5
15 Year	2.6	4.2	4.8
Total Mortgage Assets	3.6	5.7	6.6
Liabilities & Hedges (3)	(3.5)	(3.5)	(3.5)
Net Duration Gap without Swaptions	**0.1**	**2.2**	**3.1**
Swaptions (3)	(0.3)	(1.0)	(1.3)
Net Duration Gap with Swaptions	**(0.2)**	**1.2**	**1.8**

- **In a 200 bps rising interest rate scenario, we believe about 35% of the extension risk in our assets would be offset by the natural extension of our swaption portfolio**
- **Ongoing portfolio rebalancing actions should allow us to further mitigate our interest rate risk exposure**

The estimated duration gap sensitivity included in the table above is derived from models that are dependent on inputs and assumptions provided by third parties as well as by our investment team and, accordingly, actual results could differ materially from these estimates. The sensitivity analysis also assumes an instantaneous change in interest rates and, consequently, does not include the potential impact of ongoing portfolio rebalancing actions

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1. Extension risk is the risk that the duration of a mortgage security increases in a rising rate environment.
2. Durations are expressed in years and are based on asset market value
3. Duration of liabilities, hedges and swaptions expressed relative to asset units

Summary

- AGNC has provided a 303% total return since its IPO versus the SNL US Finance REIT Index total return of 30% and S&P 500 total return of 27%[(1)]
- Asset selection strategies must evolve with market conditions and are the most important driver of attractive risk-adjusted returns.
- Risk management is critical to navigating larger moves in interest rates
- We are confident that we can produce attractive returns across a range of economic and interest rate scenarios

Conclusion - It is critical for management to develop investment strategies tailored for the current environment but also to manage transitions from one environment to the next via hedging activities.

1. Source: SNL Financial, May 15, 2008 – May 6, 2013

End of Formal Presentation

Q1 2013 Stockholder Presentation

May 3, 2013

Safe Harbor Statement

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995

This presentation contains statements that, to the extent they are not recitations of historical fact, constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 (the "Reform Act"). All such forward-looking statements are intended to be subject to the safe harbor protection provided by the Reform Act. Actual outcomes and results could differ materially from those forecast due to the impact of many factors beyond the control of American Capital Agency Corp. ("AGNC"). All forward-looking statements included in this presentation are made only as of the date of this presentation and are subject to change without notice. Certain factors that could cause actual results to differ materially from those contained in the forward-looking statements are included in our periodic reports filed with the Securities and Exchange Commission ("SEC"). Copies are available on the SEC's website at www.sec.gov. AGNC disclaims any obligation to update our forward-looking statements unless required by law.

The following slides contain summaries of certain financial and statistical information about AGNC. They should be read in conjunction with our periodic reports that are filed from time to time with the SEC. Historical results discussed in this presentation are not indicative of future results.

Capital Stock Highlights

American Capital Agency

TYPE / STOCK TICKER:
COMMON STOCK / AGNC

EXCHANGE:
NASDAQ

IPO DATE:
MAY 2008

IPO PRICE:
$20.00 PER SHARE

TOTAL DIVIDENDS PAID SINCE IPO[1]:
$25.11 PER SHARE

NET ASSET VALUE[2]:
$28.93 PER SHARE

TOTAL EQUITY CAPITAL[2]:
$11.5 BILLION

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TYPE / NAME:
8.000% SERIES A CUMULATIVE REDEEMABLE PREFERRED STOCK

PREFERRED STOCK TICKER:
AGNCP

EXCHANGE:
NASDAQ

ISSUE DATE / MATURITY DATE:
APRIL 2012 / PERPETUAL

PUBLIC OFFERING PRICE:
$25.00 PER SHARE

PER ANNUM DIVIDEND RATE:
8.000% PAYABLE QUARTERLY

TOTAL DIVIDENDS PAID SINCE OFFERING[1]:
$2.056 PER SHARE

SHARES OUTSTANDING[1]:
6.9 MILLION

1. As of April 30, 2013
2. As of Mar 31, 2013, net of 8.000% Series A Cumulative Redeemable Preferred Stock ("Series A Preferred Stock") aggregate liquidation preference of $173 million

Q1 2013 Highlights

- **$(1.57) Comprehensive Loss per Common Share, Comprised of:**
  - ✓ $0.64 net income per common share
  - ✓ $(2.21) other comprehensive income/(loss) (“OCI”) per common share
    - Includes net unrealized losses on investments marked-to-market through OCI
- **$0.78 Net Spread Income per Common Share [(1)]**
  - ✓ $1.18 per common share including $0.40 per common share of estimated net carry income (also known as “dollar roll income”) associated with purchases of agency mortgage backed securities ("MBS") on a forward-settlement basis through the "to-be-announced" ("TBA") dollar roll market [(2)]
  - ✓ Includes $0.09 per common share of estimated “catch-up” premium amortization benefit due to change in projected constant prepayment rate (“CPR”) estimates
- **$0.50 Estimated Taxable Income per Common Share**
  - ✓ Estimated taxable income was negatively impacted by net realized losses of approximately $(0.55) per common share recognized for tax during the quarter due to monthly settlements of TBA dollar roll positions in a period of price declines [(3)]
- **$1.25 Dividend Declared per Common Share**
- **$1.08 Estimated Undistributed Taxable Income per Common Share as of Mar 31, 2013**
  - ✓ Decreased $(319) million from $749 million as of Dec 31, 2012 to $430 million as of Mar 31, 2013
  - ✓ On a per share basis, decreased $(1.13) per common share from $2.21 per common share as of Dec 31, 2012
- **$28.93 Net Book Value per Common Share as of Mar 31, 2013**
  - ✓ Decreased $(2.71) per common share, or (8.6)%, from $31.64 per common share as of Dec 31, 2012
  - ✓ Driven by asset price declines due to lower pay-ups on specified pools and wider spreads in the broader mortgage market
- **(4.6)% Economic Loss for the Quarter on Common Equity, or (18.7)% Annualized**
  - ✓ Comprised of $1.25 dividend per common share and $(2.71) decrease in net book value per common share

1. Net spread income is a non-GAAP measure. Please also refer to slides 19 and 30 for a reconciliation and further discussion of non-GAAP measures
2. TBA dollar roll income is net of short TBAs used for hedging purposes. Dollar roll income excludes the impact of hedges, and is recognized in gain (loss) on derivative instruments and other securities, net
3. Total estimated net taxable income (loss) attributable to TBA mortgage positions was $(0.15) per common share for the quarter, consisting of $0.40 per common share of estimated net carry income and $(0.55) per common share of estimated net realized losses due to price declines

Q1 2013 Other Highlights

- **$76.3 Billion Investment Portfolio as of Mar 31, 2013**
  - ✓ $103.6 billion including net TBA mortgage position as of Mar 31, 2013
- **6.5x Average Leverage for the Quarter**
  - ✓ 8.2x including average net TBA mortgage position during the quarter
- **5.7x Leverage as of Mar 31, 2013 (1)**
  - ✓ 8.1x including net TBA mortgage position as of Mar 31, 2013
- **10% Actual Portfolio CPR for the Quarter (2)**
  - ✓ 11% actual portfolio CPR for the month of April 2013 (3)
  - ✓ 9% average projected portfolio life CPR as of Mar 31, 2013
- **1.52% Annualized Net Interest Rate Spread for the Quarter (4)**
  - ✓ 1.87% including estimated TBA dollar roll income
  - ✓ Includes 16 bps of "catch-up" premium amortization benefit due to change in CPR estimates
- **1.43% Net Interest Rate Spread as of Mar 31, 2013 (4)(5)**
  - ✓ 1.71% including TBA mortgage position as of Mar 31, 2013
- **$1.8 Billion of Net Equity Proceeds Raised from a Common Stock Offering During the Quarter**

1. Leverage calculated as sum of repurchase agreements, net payable/receivable for agency securities not yet settled and other debt divided by total stockholders' equity
2. Actual weighted average monthly annualized CPR published during Jan, Feb and Mar 2013 for agency securities held as of the preceding month-end
3. Actual weighted average 1 month annualized CPR published during Apr 2013 for agency securities held as of Mar 31, 2013
4. Net interest rate spread calculated as the average asset yield, less average cost of funds. Average cost of funds includes repo, other debt and periodic swap interest costs. Net interest rate spread and cost of funds exclude other supplemental hedges, such as swaptions, short treasury securities and short TBA positions
5. Incorporates the impact of forward starting interest rate swap agreements starting within 90 days of Mar 31, 2013, net of scheduled expirations

Market Information

Security	6/30/12	9/30/12	12/31/12	3/31/13	Q1 2013 Δ
Treasury Rates					
2 Yr UST	0.30%	0.23%	0.25%	0.24%	-0.01%
5 Yr UST	0.72%	0.63%	0.72%	0.77%	+0.05%
10 Yr UST	1.65%	1.63%	1.76%	1.85%	+0.09%
Swap Rates					
2 Yr Swap	0.55%	0.37%	0.39%	0.42%	+0.03%
5 Yr Swap	0.97%	0.76%	0.86%	0.95%	+0.09%
10 Yr Swap	1.78%	1.70%	1.84%	2.01%	+0.17%
30 Year Fixed Rate Mortgages					
3.00%	102.55	105.58	104.84	103.11	-1.73
3.50%	105.11	107.25	106.66	105.58	-1.08
4.00%	106.44	107.75	107.22	106.61	-0.61
4.50%	107.28	108.25	108.03	107.73	-0.30
5.00%	108.23	109.06	108.33	108.34	+0.01
5.50%	109.08	109.63	108.64	109.08	+0.44
6.00%	109.91	110.44	109.22	109.56	+0.34

Security	6/30/12	9/30/12	12/31/12	3/31/13	Q1 2013 Δ
15 Year Fixed Rate Mortgages					
2.50%	103.09	105.13	104.61	103.75	-0.86
3.00%	104.77	106.00	105.61	105.17	-0.44
3.50%	105.66	106.41	106.14	106.03	-0.11
4.00%	106.34	106.91	107.00	107.00	--
4.50%	107.17	107.84	107.55	107.67	+0.12
New Hybrid ARMs					
5/1 - 3.50%	105.00	106.13	105.88	105.88	--
7/1 - 3.75%	105.25	106.75	106.50	106.56	+0.06
10/1- 4.25%	106.25	106.88	106.69	106.88	+0.19
Seasoned Hybrid ARMs					
5/1 - 5.75% 24 MTR	107.19	107.19	107.00	106.88	-0.12
10/1 - 5.75% 80 MTR	107.75	108.00	107.88	107.69	-0.19

Source: Bloomberg and dealer indications

Note: Price information is provided for information only, is for generic instruments and is not meant to be reflective of securities held by AGNC. Prices can vary materially depending on the source

Specified Pool Pay-Ups Since QE3

Pay-ups on specified pools declined during the quarter

Specified Pool Price vs. Generic TBA Price

Coupon	Pre-QE3 9/12/2012	12/31/2012	3/31/2013	∆ Q1 2013
30 Year Lower Loan Balance Pay-ups ($85 K - $110 K Loan Balance)				
3.00%	0.13	0.69	0.13	-0.56
3.50%	1.19	1.64	0.91	-0.73
4.00%	3.00	4.19	3.28	-0.91
30 Year HARP Pay-ups (95 - 100 LTV)				
3.00%	0.19	0.47	0.07	-0.40
3.50%	1.36	1.52	0.70	-0.82
4.00%	3.08	4.06	2.85	-1.21

Source: Bloomberg and dealer indications

Note: "Pay-ups" represent the value of the price premium of specified securities over generic TBA pools. The table above includes pay-ups for newly originated specified pools. Price information is provided for information only and is not meant to be reflective of securities held by AGNC. Prices can vary materially depending on the source.

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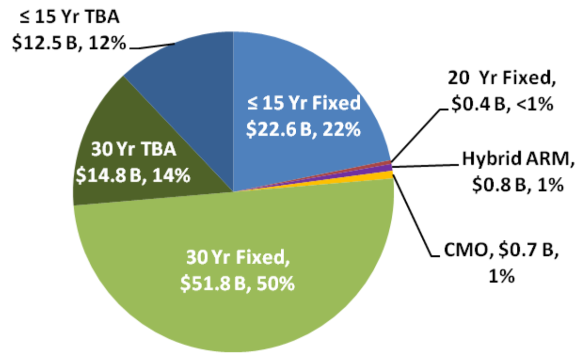
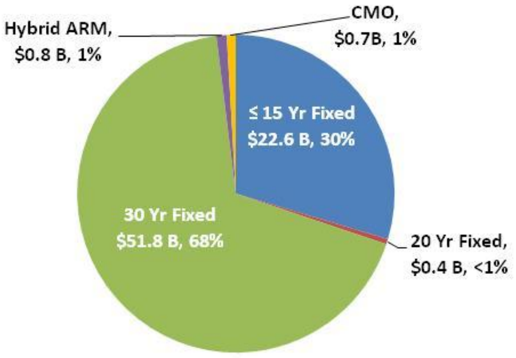
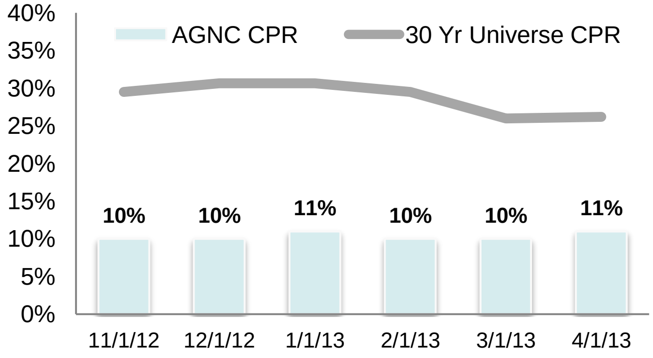


$76.3 B MBS Portfolio as of 3/31/13



AGNC Actual CPR (1)(2)



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HARP (4)	23,493	35%	3.84%	13	9%	8%
Other 2009-2013	10,001	15%	3.14%	6	6%	6%
Other (Pre 2009)	342	1%	5.61%	91	32%	19%
30 Year MBS	**$51,802**	**78%**	**3.70%**	**13**	**9%**	**8%**
TBA	**$14,791**	**22%**	**3.29%**	**N/A**	**N/A**	**N/A**
Total 30 Year	**$66,593**	**100%**	**3.61%**	**N/A**	**N/A**	**N/A**

…onth b… …o $15…

…≥ 80%. Wtd/avg original LTV of 95% for 15- year and 106% for 30-year securities as of Mar 31, 2013 . Includes $0.1 B and $4.8 B of 15 Yr and 30 Yr securities with >105 LTV pools which are not deliverable into TBA securities.

5. WALA represents the weighted average loan age presented in months

Agency

Dollar Roll Implied Financing Rates

TBA dollar roll implied financing rates remain well below available repo rates

Short-term Carry Differential
On Balance Sheet Repo vs. Dollar Roll (1)

	30 YR FNMA 3.0%			15 YR FNMA 2.5%		
	Repo	Dollar Roll	Δ	Repo	Dollar Roll	Δ
Asset Yield (calculated using 2% CPR)	2.61%	2.61%	--%	1.83%	1.83%	--%
Repo / Roll Implied Funding Cost	0.40	(0.54)	(0.94)	0.40	(0.15)	(0.55)
Gross Margin, Before Hedges	**2.21%**	**3.15%**	**0.94%**	**1.43%**	**1.98%**	**0.55%**

Average 1-Month Dollar Roll Implied Financing Rates (2)

	30 YR FNMA 3.0%	15 YR FNMA 2.5%
Second Quarter 2013 thru April 25, 2013	(0.41)%	(0.24)%
First Quarter 2013	(0.37)%	(0.19)%
Fourth Quarter 2012	(0.05)%	(0.02)%

- ♦ **Dollar roll financing for certain sectors of the mortgage market can generate superior risk adjusted returns than similar positions funded via Repo**
- ♦ **Favorable dollar roll carry in production coupons where prepayment risk is minimal is likely to persist through 2013**

1. Data as of April 25, 2013. FNMA 30YR 3.0% TBA May-June price drop of 9.125/32nds . FNMA 15YR 2.5% TBA May-June price drop of 6.75/32nds. Monthly gross margin equal to annualized 1 month carry before hedges using a hypothetical 1 month Repo rate and 1 month roll price drop as of 4/25/13. Asset yield calculated at 2% CPR for purposes of comparability. Using an estimated lifetime CPR of 6.8% for FNMA 30YR 3.0% TBA and 10.1% for FNMA 15YR 2.5% TBA results in an asset yield of 2.44% and 1.55%, respectively.
2. Average implied financing rates calculated using 2% CPR and daily closing 1-month roll prices. Source: Morgan Stanley

Financing Summary

Access to repo funding remained stable throughout the quarter

- Average repo cost decreased to 0.47% as of Mar 31, 2013 from 0.51% as of Dec 31, 2012
- No material change to repo margin requirements during the quarter

AGNC Repos [1]
($ in millions – as of Mar 31, 2013)

Original Maturity	Repo Outstanding %	Repo Outstanding $	Interest Rate	Remaining Days to Maturity	Original Days to Maturity
≤ 1 Month	12%	$8,059	0.41%	13	30
> 1 to ≤ 3 Months	45%	29,461	0.42%	30	69
> 3 to ≤ 6 Months	17%	11,173	0.48%	68	148
> 6 to ≤ 9 Months	7%	4,436	0.49%	140	201
> 9 to ≤ 12 Months	12%	8,063	0.58%	216	352
> 12 to ≤ 24 Months	3%	2,099	0.63%	469	615
> 24 to ≤ 36 Months	4%	2,767	0.67%	872	1,032
> 36 Months	0%	202	0.74%	1,532	1,628
Total / Wtd Avg	100%	$66,260	0.47%	118	183
($ in millions – as of Dec 31, 2012)					
Total / Wtd Avg	100%	$74,478	0.51%	118	181

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1. Amounts in table represent the weighted average for each group. Amounts exclude $0.9 B of other debt in connection with the consolidation of VIEs under GAAP as of Mar 31, 2013 and Dec 31, 2012

Hedging Summary

Our primary objective is not to eliminate risk or to lock in a particular net interest margin, but to maintain our net book value within reasonable bands over a range of interest rate scenarios

Interest Rate Swaps

- ✓ $51.3 B notional pay fixed swap book as of Mar 31, 2013 (1)
  - $5.8 B of swaps added during the quarter
    - 8.8 years average maturity and 1.91% average pay rate
  - $1.4 B of swaps terminated during the quarter
- ✓ Covers 55% of repo, other debt and net TBA position

Interest Rate Swaptions

- ✓ $22.9 B notional payer swaptions as of Mar 31, 2013
  - $11.2 B payer swaptions added at a cost of $205 MM
  - $2.7 B payer swaptions expired at an original cost of $42 MM
  - 1.4 years average option term, 7.9 years average underlying swap term
- ✓ Covers 25% of repo, other debt and net TBA position

Interest Rate Swaps (1)(2)
As of Mar 31, 2013 - $ in Millions

Maturity	Notional Amount	Pay Rate	Receive Rate	Years to Maturity
≤ 3 Years	$14,950	1.29%	0.25%	2.0
> 3 to ≤ 5 Years	19,750	1.41%	0.27%	4.0
> 5 to ≤ 7 Years	6,100	1.59%	0.32%	6.0
> 7 to ≤ 10 Years	7,250	1.89%	0.31%	9.1
> 10 Years	3,200	2.17%	0.28%	10.3
Total / Wtd Avg	$51,250	1.51%	0.28%	4.8
As of Dec 31, 2012 - $ in Millions				
Total / Wtd Avg	$46,850	1.46%	0.29%	4.4

Interest Rate Payer Swaptions (2)
As of Mar 31, 2013 - $ in Millions

Expiration	Notional Amount	Cost	Market Value	Pay Rate	Swap Term (Years)
≤ 1 Year	$12,100	$169	$91	2.49%	8.4
> 1 to ≤ 2 Years	4,200	81	52	2.81%	6.8
> 2 to ≤ 3 Years	5,000	139	137	3.42%	8.5
> 3 to ≤ 4 Years	450	12	13	3.20%	6.1
> 4 to ≤ 5 Years	1,150	37	39	3.51%	4.5
Total / Wtd Avg	$22,900	$438	$332	2.81%	7.9
As of Dec 31, 2012 - $ in Millions					
Total / Wtd Avg	$14,450	$274	$171	2.99%	7.8

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1. Includes $5.2 B and $2.8 B of forward starting swaps as of Mar 31, 2013 and Dec 31, 2012 starting through September 2013 and April 2013, respectively
2. Amounts represent the total / weighted average for each group

Other Hedge and Derivative Instruments

We continue to use a variety of hedging instruments to manage interest rate risk

- **Treasury Securities**
  - ✓ $12.6 B short treasury position
  - ✓ Covers 13% of repo, other debt and net TBA position
- **Treasury Futures**
  - ✓ $0.8 B short treasury futures position
- **Total Hedge Portfolio**
  - ✓ Positions actively managed
  - ✓ 94% of our repo, other debt and net TBA position covered by swap, swaption and treasury positions

Treasury Securities
As of Mar 31, 2013 - $ in Millions

Maturity	Face Amount Long / (Short)	Market Value
5 Years	($5,970)	($5,960)
7 Years	(400)	(401)
10 Years	(6,190)	(6,187)
Total	($12,560)	($12,548)
As of Dec 31, 2012 - $ in Millions		
Total	($11,835)	($11,763)

Net TBA Position
As of Mar 31, 2013 - $ in Millions

Term	Face Amount Long / (Short)	Market Value
15 Year (1)	$12,060	$12,492
30 Year (1)	14,208	14,791
Total	$26,268	$27,283
As of Dec 31, 2012 - $ in Millions		
Total (1)	$12,477	$12,870

1. Net of short TBA positions. Includes forward settling purchases of specified pools of $50 MM and $150 MM as of Mar 31, 2013 and Dec 31, 2012, respectively

Duration Gap Information

Duration Gap is an estimate of the difference in the interest rate price sensitivity of our assets relative to our liabilities and hedges, excluding the impact of negative convexity and leverage

- **Our duration gap was positive 0.5 years as of Mar 31, 2013**
- **The duration of our asset portfolio lengthened to 4.1 years as of Mar 31, 2013 from 3.0 years as of Dec 31, 2012, primarily as a function of changes in composition and widening mortgage spreads**
- **The duration of our liability and hedge portfolio increased to 3.6 years as of Mar 31, 2013 compared to 3.2 years as of Dec 31, 2012**

($ in billions, duration in years)	Mar 31, 2013		Dec 31, 2012	
Asset	**Market Value**	**Duration**	**Market Value**	**Duration**
Fixed	$74.8	4.2	$83.6	2.9
ARM	0.8	1.8	0.9	1.4
CMO [(1)]	0.7	6.7	0.7	4.3
TBA	27.3	4.4	12.9	4.3
Cash	3.3	0.0	2.8	0.0
Total	**$106.9**	**4.1**	**$100.9**	**3.0**
Liabilities & Hedges	**Market Value / Notional**	**Duration**	**Market Value / Notional**	**Duration**
Liabilities	($66.3)	-0.3	($74.5)	-0.3
Liabilities (Other) [(2)]	(0.9)	-7.0	(0.9)	-5.8
Swaps	(51.3)	-4.5	(46.9)	-4.3
Preferred	(0.2)	-8.4	(0.2)	-8.6
Swaptions	(22.9)	-1.9	(14.5)	-1.3
Treasury / Futures	(13.6)	-6.8	(11.8)	-6.7
Total		**-3.6**		**-3.2**
Net Duration Gap		**0.5**		**-0.2**

Our duration and duration gap estimates are derived from models that are dependent on inputs and assumptions provided by third parties as well as by our investment team and, accordingly, actual results could differ materially from these estimates. In addition, different models could generate materially different estimates using similar inputs and assumptions. Management uses judgment to address the limitations and weaknesses inherent in model calculations as it seeks to balance the protection of book value with the generation of attractive returns. For example, we typically map lower loan balance and HARP securities to proxy securities within our models in order to derive durations and convexities that management believes are more consistent with how the prices of these securities would perform over larger interest rate movements. Other market participants could make materially different assumptions with respect to these and other judgments. Please also refer to slide 29 and our related disclosures in our 10-Ks and 10-Qs for a more complete discussion of duration (interest rate risk).

1. CMO balance includes interest-only, inverse interest-only and principal-only securities
2. Represents other debt in connection with the consolidation of structured transactions under GAAP

Managing Mortgage Extension Risk (1)

A significant portion of the extension risk inherent in our mortgage portfolio is mitigated by our hedges and, in particular, our swaptions

Duration Gap Sensitivity (2)

	Position 4/30/2013	Rates Up 100 Bps	Rates Up 200 Bps
Mortgage Assets:			
30 Year	4.2	6.6	7.5
15 Year	2.6	4.2	4.8
Total Mortgage Assets	3.6	5.7	6.6
Liabilities & Hedges (3)	(3.5)	(3.5)	(3.5)
Net Duration Gap without Swaptions	**0.1**	**2.2**	**3.1**
Swaptions (3)	(0.3)	(1.0)	(1.3)
Net Duration Gap with Swaptions	**(0.2)**	**1.2**	**1.8**

- **In a 200 bps rising interest rate scenario, we believe about 35% of the extension risk in our assets would be offset by the natural extension of our swaption portfolio**
- **Ongoing portfolio rebalancing actions should allow us to further mitigate our interest rate risk exposure**

The estimated duration gap sensitivity included in the table above is derived from models that are dependent on inputs and assumptions provided by third parties as well as by our investment team and, accordingly, actual results could differ materially from these estimates. The sensitivity analysis also assumes an instantaneous change in interest rates and, consequently, does not include the potential impact of ongoing portfolio rebalancing actions

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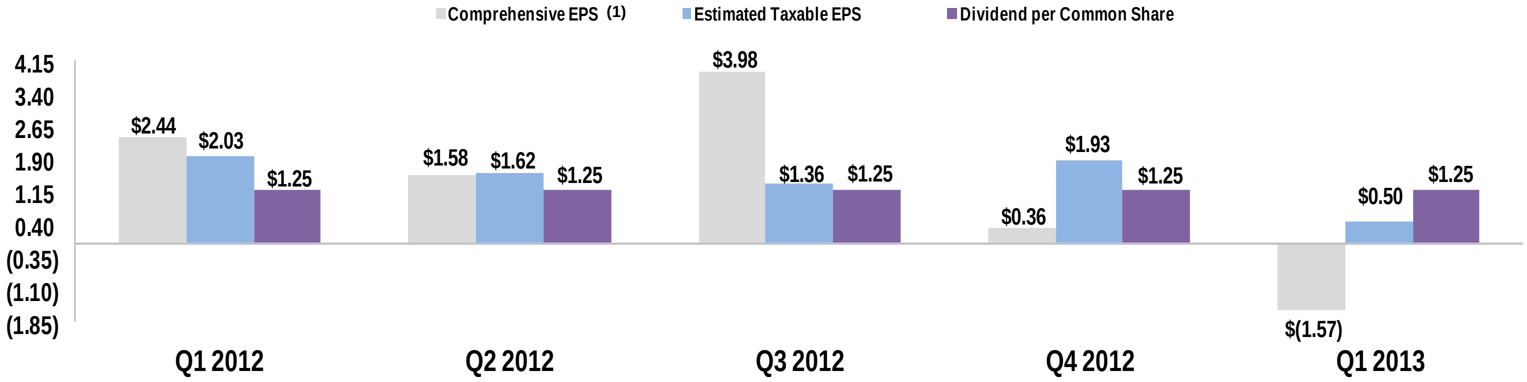
1. Extension risk is the risk that the duration of a mortgage security increases in a rising rate environment.
2. Durations are expressed in years and are based on asset market value
3. Duration of liabilities, hedges and swaptions expressed relative to asset units

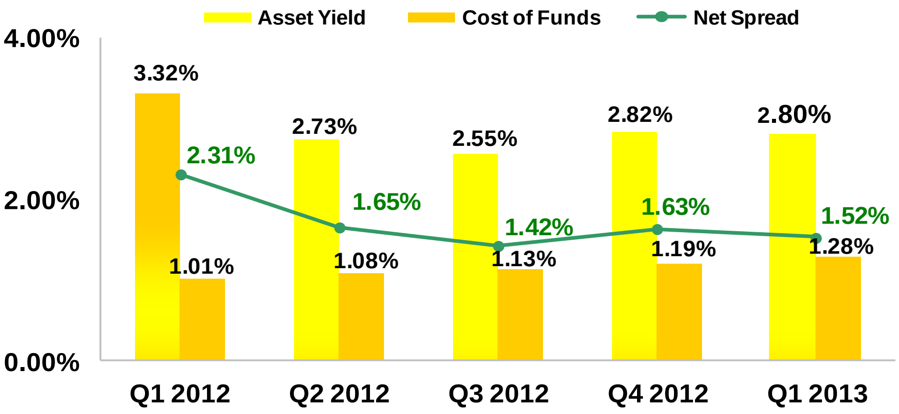
Supplemental Slides

AGNC Historical Overview

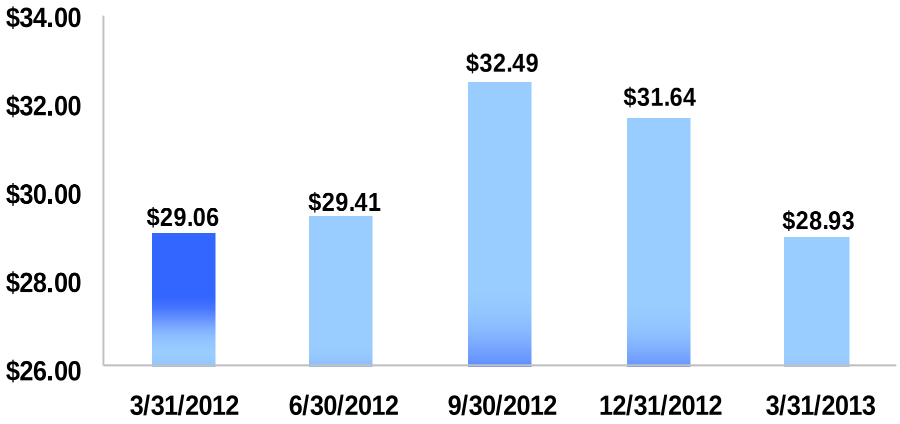
Earnings and Dividends per Common Share



Net Spread (2)



Net Book Value Per Common Share (3)



1. Comprehensive earnings per common share is a GAAP measure that consists of net income (loss) per common share plus unrealized gains/losses on agency MBS and designated hedges per common share recognized in other comprehensive income, a separate component of equity
2. Represents average per quarter, excludes net carry income from the Company's TBA mortgage portfolio and other supplemental hedge costs such as swaption, short treasury and short TBA costs
3. Net book value per common share calculated as total shareholders' equity, less the Series A Preferred Stock liquidation preference, divided by total common shares outstanding

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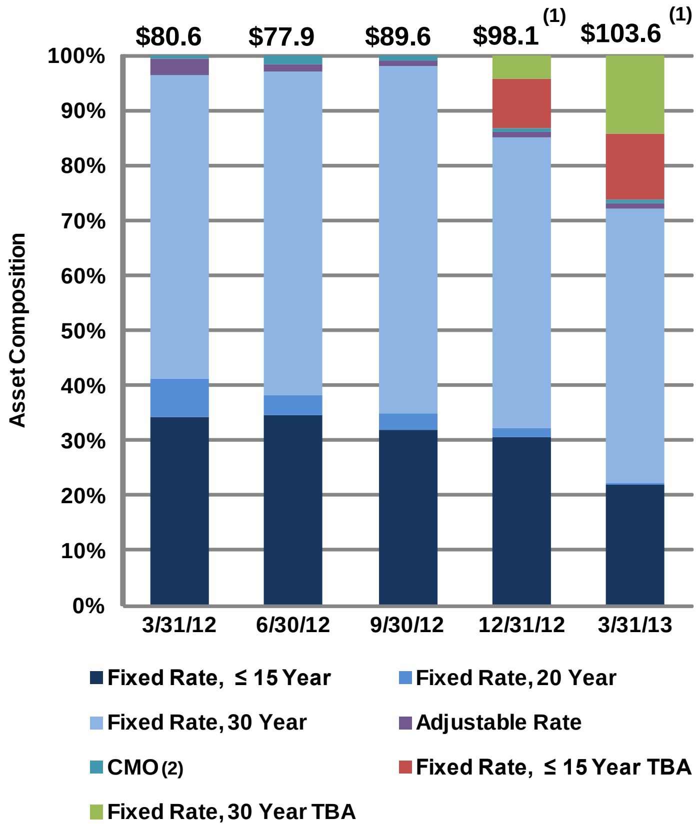
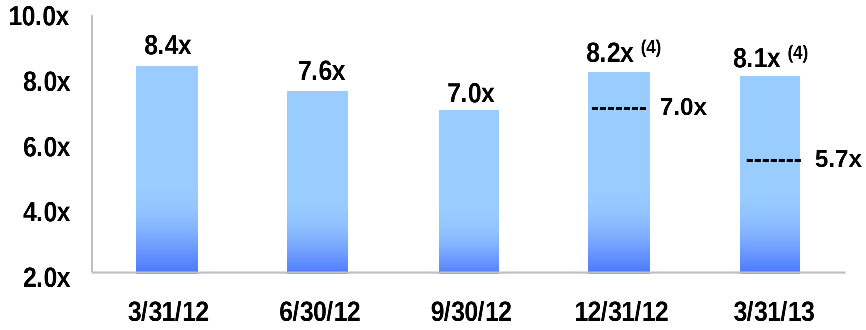
AGNC Historical Overview

Investment Portfolio

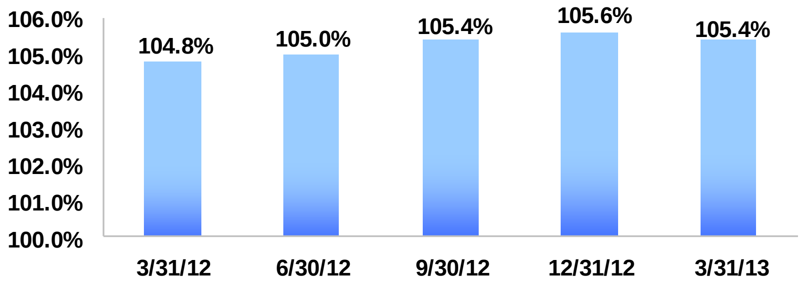
($ in billions)



Leverage (3)



Amortized Cost Basis



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1. Amounts include the impact of the Company's net TBA mortgage position
2. Includes interest-only, inverse interest-only and principal-only securities
3. Leverage calculated as sum of repurchase agreements, net payable/receivable for agency securities not yet settled and other debt divided by total stockholders' equity
4. Includes implied leverage from TBA mortgage position

Income Statements

($ in millions, except per share data) (Unaudited)	Q1 2013	Q4 2012	Q3 2012	Q2 2012	Q1 2012
Interest Income	$547	$570	$520	$504	$514
Interest Expense [1]	(140)	(147)	(139)	(120)	(106)
Net Interest Income	**407**	**423**	**381**	**384**	**408**
(Loss) Gain on Sale of Agency Securities, Net	(26)	353	210	417	216
(Loss) Gain on Derivative Instruments and Other Securities, Net	(98)	89	(460)	(1,029)	47
Total Other (Loss) Income, Net	**(124)**	**442**	**(250)**	**(612)**	**263**
Management Fee	(33)	(31)	(32)	(28)	(22)
General and Administrative Expenses	(9)	(9)	(8)	(8)	(6)
Total Operating Expenses	**(42)**	**(40)**	**(40)**	**(36)**	**(28)**
Income (Loss) before Income Tax (Provision) Benefit	241	825	91	(264)	643
Income Tax (Provision) Benefit, Net	(10)	(15)	(5)	3	(2)
Net Income (Loss)	**231**	**810**	**86**	**(261)**	**641**
Dividend on Preferred Stock	(3)	(3)	(3)	(3)	-
Net Income (Loss) Available (Attributable) to Common Shareholders	**$228**	**$807**	**$83**	**$(264)**	**$641**
Net Income (Loss)	**$231**	**$810**	**$86**	**$(261)**	**$641**
Unrealized (Loss) Gain on Available-for-Sale Securities, Net	(837)	(734)	1,190	689	(106)
Unrealized Gain on Derivative Instruments, Net	49	50	51	52	52
Other Comprehensive (Loss) Income	**(788)**	**(684)**	**1,241**	**741**	**(54)**
Comprehensive (Loss) Income	**(557)**	**126**	**1,327**	**480**	**587**
Dividend on Preferred Stock	(3)	(3)	(3)	(3)	-
Comprehensive (Loss) Income (Attributable) Available to Common Shareholders	**$(560)**	**$123**	**$1,324**	**$477**	**$587**
Weighted Average Common Shares Outstanding – Basic and Diluted	**356.2**	**340.3**	**332.8**	**301.0**	**240.6**
Net Income (Loss) per Common Share	**$0.64**	**$2.37**	**$0.25**	**($0.88)**	**$2.66**
Comprehensive (Loss) Income per Common Share	**$(1.57)**	**$0.36**	**$3.98**	**$1.58**	**$2.44**
Estimated REIT Taxable Income per Common Share	**$0.50**	**$1.93**	**$1.36**	**$1.62**	**$2.03**
Dividends Declared per Common Share	**$1.25**	**$1.25**	**$1.25**	**$1.25**	**$1.25**

Note: Amounts may not total due to rounding

1. For a reconciliation of GAAP net interest income to adjusted net interest income and net spread income refer to slide 19

Reconciliation of GAAP Net Interest Income to Adjusted Net Interest Income and Net Spread Income [1]

($ in millions, except per share data) (Unaudited)	Q1 2013	Q4 2012	Q3 2012	Q2 2012	Q1 2012
Interest Income	**$547**	**$570**	**$520**	**$504**	**$514**
Interest Expense:					
Repurchase Agreements and Other Debt	(91)	(97)	(88)	(68)	(54)
Interest Rate Swap Periodic Costs [2]	(49)	(50)	(51)	(52)	(52)
Total Interest Expense	**(140)**	**(147)**	**(139)**	**(120)**	**(106)**
Net Interest Income	**407**	**423**	**381**	**384**	**408**
Other Interest Rate Swap Periodic Costs [3]	(84)	(77)	(74)	(62)	(39)
Adjusted Net Interest Income	**323**	**346**	**307**	**322**	**369**
Total Operating Expenses	**(42)**	**(40)**	**(40)**	**(36)**	**(28)**
Net Spread Income	**281**	**306**	**267**	**286**	**341**
Dividend on Preferred Stock	(3)	(3)	(3)	(3)	--
Net Spread Income Available to Common Shareholders	**$278**	**$303**	**$264**	**$283**	**$341**
Weighted Average Common Shares Outstanding – Basic and Diluted	**356.2**	**340.3**	**332.8**	**301.0**	**240.6**
Net Spread Income per Common Share – Basic and Diluted	**$0.78**	**$0.89**	**$0.79**	**$0.94**	**$1.42**

Note: Amounts may not total due to rounding

1. Table includes non-GAAP financial measures. Please refer to additional information regarding non-GAAP financial measures at the end of this presentation
2. Voluntarily discontinued hedge accounting under GAAP as of Sept 30, 2011. Accumulated OCI on de-designated interest rate swaps is being amortized on a straight-line basis over the remaining swap terms into interest expense. All other periodic interest costs, termination fees and mark-to-market adjustments associated with interest rate swaps are reported in other income (loss), net pursuant to GAAP
3. Other interest rate swap periodic costs represent periodic interest costs on the Company's interest rate swap portfolio in excess of amortized amounts reclassified from accumulated OCI into interest expense. Other interest rate swap periodic costs excludes interest rate swap termination fees and mark-to-market adjustments on interest rate swaps

Reconciliation of GAAP Net Income to Estimated Taxable Income [1]

($ in millions, except per share data) (Unaudited)	Q1 2013	Q4 2012	Q3 2012	Q2 2012	Q1 2012
Net Income (Loss)	**$231**	**$810**	**$86**	**($261)**	**$641**
Book to Tax Differences:					
Premium Amortization, Net	(34)	(19)	55	43	(28)
Realized (Gain) Loss , Net	(53)	(16)	167	54	(46)
Unrealized (Gain) Loss , Net	30	(121)	128	647	(80)
Other [2]	6	6	20	9	2
Total Book to Tax Differences	**(51)**	**(150)**	**370**	**753**	**(152)**
Estimated REIT Taxable Income	**$180**	**$660**	**$456**	**$492**	**$489**
Dividend on Preferred Stock	(3)	(3)	(3)	(3)	--
Estimated REIT Taxable Income Available to Common Shareholders	**$177**	**$657**	**$453**	**$489**	**$489**
Weighted Average Common Shares Outstanding – Basic and Diluted	**356.2**	**340.3**	**332.8**	**301.0**	**240.6**
Estimated REIT Taxable Income per Common Share	**$0.50**	**$1.93**	**$1.36**	**$1.62**	**$2.03**
Estimated Cumulative Undistributed REIT Taxable Income per Common Share [3]	**$1.08**	**$2.21**	**$1.52**	**$1.61**	**$1.28**

Note: Amounts may not total due to rounding

1. Table includes non-GAAP financial measures. Please refer to additional information regarding non-GAAP financial measures at the end of this presentation
2. Other book to tax differences include GAAP net income/loss of wholly-owned taxable REIT subsidiary, net of corporate income tax and dividend distributions; permanent difference for non-deductible excise tax expense; and other temporary differences for non-deductible adjustments
3. Estimated undistributed taxable income per common share is net of common and preferred dividends declared during the quarter, without adjustment for timing of deductibility of preferred dividends or for preferred dividends not yet declared on the Company's Series A Preferred Stock, divided by total common shares outstanding

Balance Sheets

($ in millions, except per share data)	As of (1) 3/31/13	12/31/12	9/30/12	6/30/12	3/31/12
Agency Securities, at Fair Value	$74,874	$83,710	$88,020	$76,378	$80,517
Agency Securities Transferred to Consolidated Variable Interest Entities, at Fair Value	1,421	1,535	1,620	1,544	53
Cash and Cash Equivalents	2,826	2,430	2,569	2,099	1,762
Restricted Cash	499	399	369	302	315
Derivative Assets, at Fair Value	480	301	292	64	184
Receivable for Securities Sold	734	--	2,326	2,877	1,706
Receivable under Reverse Repurchase Agreements	12,291	11,818	6,712	1,274	3,613
Other Assets	244	260	269	244	267
Total Assets	**$93,369**	**$100,453**	**$102,177**	**$84,782**	**$88,417**
Repurchase Agreements	$66,260	$74,478	$79,254	$69,540	$69,816
Debt of Consolidated Variable Interest Entities, at Fair Value	862	937	1,008	954	50
Payable for Securities Purchased	259	556	1,311	2,198	4,852
Derivative Liabilities, at Fair Value	1,217	1,264	1,562	1,250	827
Dividends Payable	499	427	430	384	286
Obligation to Return Securities Borrowed under Reverse Repurchase Agreements, at Fair Value	12,548	11,763	7,265	1,269	3,816
Accounts Payable and Other Accrued Liabilities	82	132	74	51	52
Total Liabilities	**81,727**	**89,557**	**90,904**	**75,646**	**79,699**
Preferred Equity at Aggregate Liquidation Preference	173	173	173	173	--
Common Equity	11,469	10,723	11,100	8,963	8,718
Total Stockholders' Equity	**11,642**	**10,896**	**11,273**	**9,136**	**8,718**
Total Liabilities and Stockholders' Equity	**$93,369**	**$100,453**	**$102,177**	**$84,782**	**$88,417**
Leverage (2)	**5.7x**	**7.0x**	**7.0x**	**7.6x**	**8.4x**
Net Book Value Per Common Share (3)	**$28.93**	**$31.64**	**$32.49**	**$29.41**	**$29.06**

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1. Unaudited except for 12/31/2012
2. Leverage calculated as sum of repurchase agreements, net payable/receivable for agency securities not yet settled and other debt divided by total stockholders' equity.
3. Net book value per common share calculated as stockholders' equity, less the Series A Preferred Stock liquidation preference, divided by total common shares outstanding

Net Book Value Roll Forward

(In millions, except per share data) (Unaudited)	Balance	Common Shares Outstanding	Net Book Value per Common Share
Dec 31, 2012 Net Common Equity [1]	**$10,723**	**338.9**	**$31.64**
Net Income	231		
Other Comprehensive Loss	(788)		
Dividend on Common Stock	(496)		
Dividend on Preferred Stock	(3)		
Balance before Capital Transactions	9,667	338.9	$28.52
Issuance of Common Stock, Net of Offering Costs	1,802	57.5	$31.32
Mar 31, 2013 Net Common Equity [1]	**$11,469**	**396.5**	**$28.93**

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Note: Amounts may not total due to rounding

1. Net common equity represents stockholders' equity net of the Company's Series A Preferred Stock liquidation preference of $25 per preferred share (or $173 million)

Fixed Rate Agency Securities Portfolio

$ in millions - as of March 31, 2013

MBS Coupon [1][2]	Par Value	Market Value	% Lower Loan Balance / HARP [5]	Amortized Cost Basis	Average WAC [3]	Average Age (Months)	Actual 1 Month CPR [4]
≤15 YR Mortgage Securities							
≤ 2.5%	$5,508	$5,720	25%	104.4%	2.95%	5	3%
3.0%	1,732	1,837	96%	104.0%	3.45%	15	7%
3.5%	6,049	6,497	93%	103.0%	3.93%	24	15%
4.0%	7,154	7,729	85%	104.6%	4.40%	28	23%
4.5%	715	780	98%	105.1%	4.87%	31	17%
5.0%	3	4	100%	104.8%	5.38%	37	53%
≥ 5.5%	7	8	0%	104.3%	6.82%	73	0%
Subtotal	$21,168	$22,575	74%	104.0%	3.83%	20	15%
20 YR Mortgage Securities							
≤ 3.0%	$11	$11	98%	104.0%	3.67%	8	0%
3.5%	158	168	96%	104.9%	4.14%	12	6%
4.0%	106	115	47%	104.7%	4.53%	19	18%
4.5%	135	149	96%	106.9%	4.89%	28	18%
5.0%	4	5	0%	104.5%	5.46%	41	25%
6.0%	4	4	0%	109.9%	6.41%	77	13%
Subtotal	$418	$452	82%	105.5%	4.51%	20	13%
30 YR Mortgage Securities							
2.5%	$2,433	$2,414	0%	99.2%	3.14%	3	1%
3.0%	6,328	6,506	19%	103.2%	3.62%	3	1%
3.5%	16,478	17,496	98%	106.1%	4.04%	10	5%
4.0%	17,305	18,857	95%	106.6%	4.44%	16	11%
4.5%	4,890	5,385	86%	106.2%	4.94%	25	21%
5.0%	671	737	60%	106.6%	5.41%	42	21%
5.5%	240	263	50%	108.7%	6.02%	76	28%
≥ 6.0%	131	144	2%	108.1%	6.73%	74	44%
Subtotal	$48,476	$51,802	80%	105.6%	4.22%	13	9%
Total Fixed	**$70,062**	**$74,829**	**78%**	**105.1%**	**4.10%**	**15**	**10%**

3. Average WAC represents the weighted average coupon of the underlying collateral
4. Actual 1 month annualized CPR published during Apr 2013 for agency securities held as of Mar 31, 2013
5. Lower loan balance securities defined as pools backed by original loan balances of up to $150 K. HARP securities defined as pools backed by 100% refinance loans with original LTVs ≥ 80%.

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Hybrid ARM Securities Portfolio

$ in millions - as of March 31, 2013

New Issue Hybrid ARMs (2009/2010/2011/2013 Vintage)

Type	Par Value	Market Value	Amortized Cost Basis	Average MBS Coupon	Average Age [1]	% Interest Only	1 Month CPR [2]
FH/FN 5/1	$8	$9	102.6%	3.56%	39	0%	44%
GN 5/1	210	223	104.2%	3.72%	26	0%	29%
FH/FN 7/1	133	141	103.2%	3.67%	28	25%	26%
GN 7/1	1	2	104.0%	4.00%	32	0%	0%
FH/FN 10/1	107	113	103.8%	3.96%	32	14%	35%
Subtotal	$459	$488	103.8%	3.76%	28	11%	30%
Seasoned Hybrid ARMs (Pre 2009 Vintage)							
≤ 4.0%-4.9%	$237	$248	102.0%	4.37%	73	12%	19%
5.0%-5.9%	46	50	104.5%	5.56%	71	49%	70%
≥ 6.0%	7	8	102.3%	6.16%	75	77%	51%
Subtotal	$290	$306	102.4%	4.61%	73	19%	31%
Total ARMs	$749	$794	103.3%	4.09%	45	14%	30%

Reset	Market Value	% Total	Average Reset	Average Coupon
0-23 Months	$331	20%	13	4.45%
24-35 Months	269	42%	48	3.75%
36-60 Months	31	4%	28	4.16%
> 60 Months	163	34%	82	3.89%
Total	**$794**	**100%**	**39**	**4.09%**

Index	% Total
LIBOR	57%
CMT / MTA	43%
COFI / Other	--%
Total	**100%**

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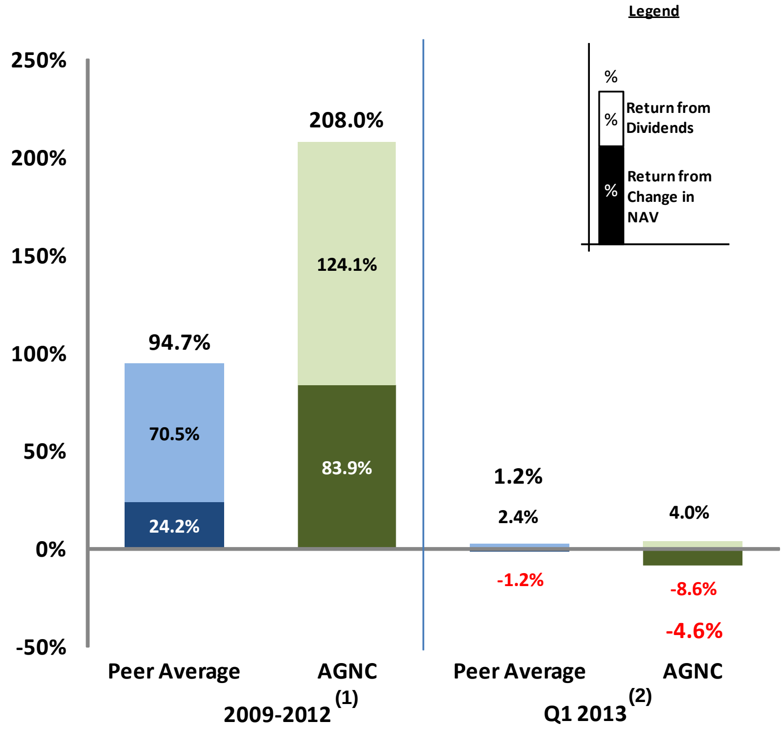
1. Average age in months
2. Actual 1 month annualized CPR published during Apr 2013 for agency securities held as of Mar 31, 2013

Historical Economic Returns

- 208% Total Economic Return on Common Equity from 2009 thru 2012 versus Peer Average of 95% (1)
- (4.6)% Economic Loss on Common Equity During the First Quarter 2013
  - ✓ (18.7)% on an annualized basis

Historical Economic Returns



Note: Peer average returns calculated on an unweighted basis, unless otherwise noted

1. Peer group for 2009 - 2012 period comprised of NLY, CYS, HTS, CMO and ANH. Peer Group includes ARR for the period from July 1, 2010 - Dec 31, 2012, weighted pro-rata relative to the applicable time period.
2. Peer group for Q1 2013 comprised of peers who have reported Q1 2013 results as of May 1, 2013 (the date of preparation of this presentation): NLY, CYS, HTS, CMO and ANH. Please refer to our website at www.AGNC.com for additional Q1 2013 peer group data as information is made available

Business Economics

(unaudited)	Q1 2013	Q4 2012	Q3 2012	Q2 2012
Asset Yield [(1)]	2.80%	2.82%	2.55%	2.73%
Cost of Funds [(2)]	(1.28)%	(1.19)%	(1.13)%	(1.08)%
Net Interest Rate Spread	**1.52%**	**1.63%**	**1.42%**	**1.65%**
Leverage [(3)]	**6.5x**	**6.7x**	**7.1x**	**7.5x**
Leveraged Net Interest Rate Spread	9.88%	10.87%	10.12%	12.37%
Plus Asset Yield	2.80%	2.82%	2.55%	2.73%
Gross Return on Equity (“ROE”) Before Expenses and Other Income	**12.68%**	**13.69%**	**12.67%**	**15.10%**
Management Fees as a % of Equity	(1.25)%	(1.10)%	(1.19)%	(1.24)%
Other Operating Expenses as a % of Equity	(0.34)%	(0.32)%	(0.31)%	(0.35)%
Total Operating Expenses as a % of Equity	**(1.59)%**	**(1.42)%**	**(1.50)%**	**(1.59)%**
Net Spread Income ROE	**11.09%**	**12.27%**	**11.16%**	**13.51%**
Other Miscellaneous [(4)]	(0.60)%	(1.40)%	(1.17)%	(0.86)%
Realized Other (Loss)/Income, Net of Tax	(0.85)%	13.30%	(1.80)%	4.80%
Unrealized Other (Loss)/Income	(1.00)%	4.58%	(4.95)%	(28.96)%
Net Income/(Loss) ROE	**8.64%**	**28.75%**	**3.24%**	**(11.51)%**
Other Comprehensive (Loss)/Income	(29.49)%	(24.28)%	46.45%	32.74%
Comprehensive (Loss)/Income ROE	**(20.85)%**	**4.47%**	**49.69%**	**21.23%**
Comprehensive (Loss)/Return on Preferred Equity in Excess of Preferred Dividend	(0.47)%	(0.05)%	0.69%	0.24%
Net Comprehensive (Loss)/Income ROE Available (Attributable) to Common Shareholders	**(21.31)%**	**4.42%**	**50.38%**	**21.47%**

1. Asset yield excludes net carry income on our TBA dollar roll position of 3.18% and 2.99% for Q1 2013 and Q4 2012, respectively
2. Cost of funds includes repo interest and periodic swap costs as a percentage of our repo balance. Cost of funds excludes swap termination fees and costs associated with supplemental hedges such as swaptions, short treasury and short TBA positions. Our cost of funds taken as a percentage or our repo balance would be 1.48% and 1.33% for Q1 2013 and Q4 2012, respectively, if we included the effect of our short treasury position
3. Our total average “at risk” leverage, including our net TBA position, was 8.2x and 7.8x for Q1 2013 and Q4 2012, respectively.
4. Other miscellaneous reflects the impact of differences between the use of daily averages used for investment securities and repurchase agreements and the month-end average used for shareholders’ equity, cash and cash equivalents, restricted cash, other non investment assets and liabilities, and other immaterial rounding differences

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Repo Counterparty Credit Risk

Our funding is well diversified by counterparty and geographically

- **Repo counterparties well diversified**
- **Maintained excess capacity with most of our counterparties**
- **Less than 3% of our equity is at risk with any one counterparty**
- **Less than 11% of our equity is at risk with the top 5 counterparties**

Counterparty Region	Number of Counterparties	Percent of Repo Funding
North America	17	58%
Asia	5	11%
Europe	10	31%
Total	32	100%

Counterparty Region	Counterparty Rank	Counterparty Exposure as a % of NAV (1)(2)
North America	1	2.61%
	2	2.03%
	3	2.03%
	4	1.67%
	5	1.39%
	6-17	7.30%
Asia	1	1.12%
	2	1.04%
	3	0.60%
	4	0.59%
	5	0.25%
Europe	1	2.38%
	2	1.83%
	3	1.56%
	4	1.42%
	5	0.83%
	6-10	1.67%

Total Exposure	**30.32%**
Top 5 Exposure	**10.88%**

Note: All figures as of March 31, 2013
1. Excludes $0.9 B of other debt in connection with the consolidation of a structured transaction under GAAP
2. Counterparty exposure with regard to agency collateral pledged under repo agreements. Amounts do not include exposure with regard to collateral pledged under derivative agreements, prime brokerage agreements and other debt

NAV Interest Rate Sensitivity

Given the negative convexity of our mortgage assets, an instantaneous parallel shock to interest rates will adversely impact the market value of our equity

- **The duration of a mortgage changes with interest rates and tends to increase when rates rise and decrease when rates fall**
- **This negative convexity generally increases the interest rate exposure of a mortgage portfolio over what would be indicated by the duration gap alone**
- **The estimated impact on the market value of the asset portfolio, net of hedges, is based on model predictions and assumes that no portfolio rebalancing actions are taken**
- **The estimated change to equity (NAV) includes the impact of leverage and incorporates the dual effects of both duration and convexity**

Interest Rate Sensitivity
(based on instantaneous parallel change in interest rates)

Interest Rate Shock (bps)	Estimated Change in Portfolio Market Value (1)	Estimated Change Equity NAV (2)
-100	-1.2%	-8.2%
-50	-0.1%	-0.9%
50	-0.6%	-4.2%
100	-1.6%	-10.8%

The estimated change in our NAV due to interest rate changes is derived from models that are dependent on inputs and assumptions provided by third parties as well as by our investment team and, accordingly, actual results could differ materially from these estimates. In addition, different models could generate materially different estimates using similar inputs and assumptions. Management uses judgment to address the limitations and weaknesses inherent in model calculations as it seeks to balance the protection of book value with the generation of attractive returns. Please also refer to slide 29 and our related disclosures in our 10-Ks and 10-Qs for a more complete discussion of duration (interest rate risk).

1. Estimated dollar change in value expressed as a percent of the total market value of assets
2. Estimated dollar change in value expressed as a percent of net common equity or NAV per common share

Duration Gap

- **The duration of an asset or liability measures how much its price is expected to change if interest rates move in a parallel manner**
  - ✓ For example, an instrument with a 1 yr duration is expected to change 1% in price for a 100 bp move in rates
- **Duration gap is a measure of the difference in the interest rate exposure, or estimated price sensitivity, of our assets and our liabilities (including hedges)**
  - ✓ It is calculated using relatively complex models and different models can produce substantially different results. Furthermore, actual performance of both assets and hedges may differ materially from the model estimates
  - ✓ Duration and convexity calculations generally assume all rates move together (2 yr rates, 10 yr rates, swap rates, treasury rates etc.) and this is typically not the case. As such, these calculations do not measure the "basis risk" or yield curve exposure, embedded in these positions
  - ✓ Higher leverage increases the exposure of our book value (or equity) to a given duration gap
- **The duration of mortgage assets also changes as interest rates move. The duration generally extends when interest rates rise and contracts when interest rates fall. This is called "negative convexity" and is generally driven by changes in prepayment expectations, which have historically been correlated with interest rates. Interest rate caps embedded in ARM securities also increase negative convexity**
  - ✓ Negative convexity generally increases the interest rate exposure of a mortgage portfolio significantly over what would be indicated by the duration gap alone
- **AGNC uses a risk management system and models provided by Blackrock Solutions to generate these calculations and as a tool for helping us to measure other exposures, including exposure to larger interest rate moves and yield curve changes**
  - ✓ Base models, settings and market inputs are provided by Blackrock
  - ✓ Blackrock periodically adjusts these models as new information becomes available
  - ✓ AGNC management makes adjustments to the Blackrock model for certain securities as needed
  - ✓ Please refer to our most recent Form 10-K and 10-Q filed with the SEC for additional information on risk measures
- **The inputs and results from these models are not audited by our independent auditors**

Use of Non-GAAP Financial Information

In addition to the results presented in accordance with GAAP, this presentation includes certain non-GAAP financial information, including net spread income, estimated taxable income and certain financial metrics derived from non-GAAP information, such as estimated undistributed taxable income, which the Company's management uses in its internal analysis of results, and believes may be informative to investors.

Net spread income consists of adjusted net interest income, less total operating expenses. Adjusted net interest income is interest income less interest expense (or "GAAP net interest income"), less other periodic interest rate swap interest costs reported in other income (loss), net.

Estimated taxable income is pre-tax income calculated in accordance with the requirements of the Internal Revenue Code rather than GAAP. Estimated taxable income differs from GAAP income because of both temporary and permanent differences in income and expense recognition. Examples include (i) unrealized gains and losses associated with interest rate swaps and other derivatives and securities marked-to-market in current income for GAAP purposes, but excluded from estimated taxable income until realized or settled, (ii) temporary differences related to the amortization of premiums paid on investments and (iii) timing differences in the recognition of certain realized gains and losses. Furthermore, estimated taxable income can include certain information that is subject to potential adjustments up to the time of filing of the appropriate tax returns, which occurs after the end of the calendar year of the Company.

The Company believes that these non-GAAP financial measures provide information useful to investors because net spread income is a financial metric used by management and investors and estimated taxable income is directly related to the amount of dividends the Company is required to distribute in order to maintain its REIT tax qualification status. The Company also believes that providing investors with net spread income, estimated taxable income and certain financial metrics derived based on such estimated taxable income, in addition to the related GAAP measures, gives investors greater transparency to the information used by management in its financial and operational decision-making. However, because net spread income and estimated taxable income are an incomplete measure of the Company's financial performance and involve differences from net income computed in accordance with GAAP, net spread income and estimated taxable income should be considered as supplementary to, and not as a substitute for, the Company's net income computed in accordance with GAAP as a measure of the Company's financial performance. In addition, because not all companies use identical calculations, the Company's presentation of net spread income and estimated taxable income may not be comparable to other similarly-titled measures of other companies. A reconciliation of non-GAAP net spread income and taxable income measures to GAAP net income is included in this presentation.