#### Morgan Stanley

### Barclays Global Financial Services Conference

Eric Heaton, President of Morgan Stanley U.S. Banks
September 18, 2015

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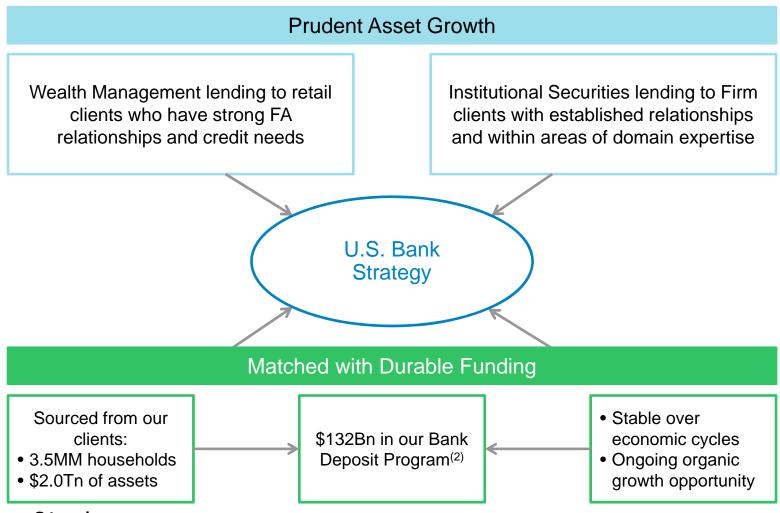
Please note this presentation is available at www.morganstanley.com.

### Agenda

- 1 U.S. Bank Overview Lending Strategy
- 2 U.S. Bank Overview Deposit Strategy
- 3 Organic Growth Opportunity

## Our U.S. Bank<sup>(1)</sup> Strategy Was Developed With Our Clients' Needs and Our Core Strengths and Capabilities in Mind

Asset and liability strategy built within our existing client footprint

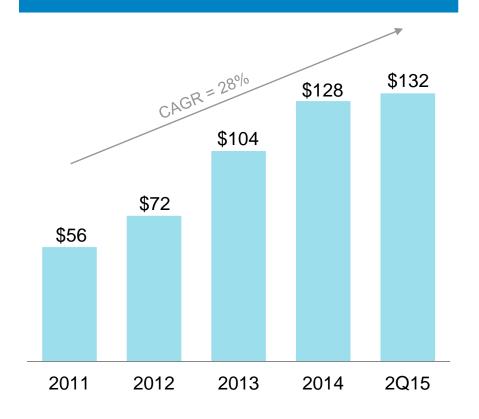


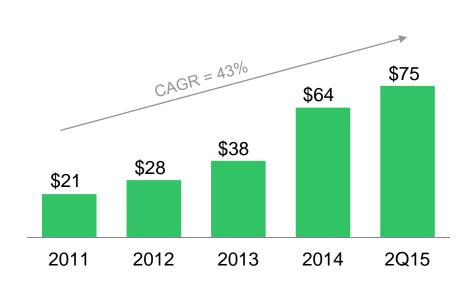
 <sup>(1)</sup> U.S. Bank refers to the Firm's U.S. Bank operating subsidiaries Morgan Stanley Bank, N.A. and Morgan Stanley Private Bank, National Association.
 (2) Bank Deposit Program ("BDP") represents the Firm's U.S. Bank Deposit Program. The data shown is as of 2Q15.

## U.S. Bank Strategy – Prudent Lending Growth Aligned With Deposit Growth



### Embedded Client Base Supports Funded Loan Growth<sup>(1)</sup> (\$Bn)





1 U.S. Bank Overview – Lending Strategy

## Wealth Management Lending Products Are Tailored to Our Client Base and Support Our Strategy

#### Residential Real Estate Lending

- Broad product offering and specialized underwriting for affluent clients
- High touch service offering for top FAs and Wealth Management clients
- · Outstanding credit profile
- Strong client service scores

#### Securities-Based Lending and Tailored Lending

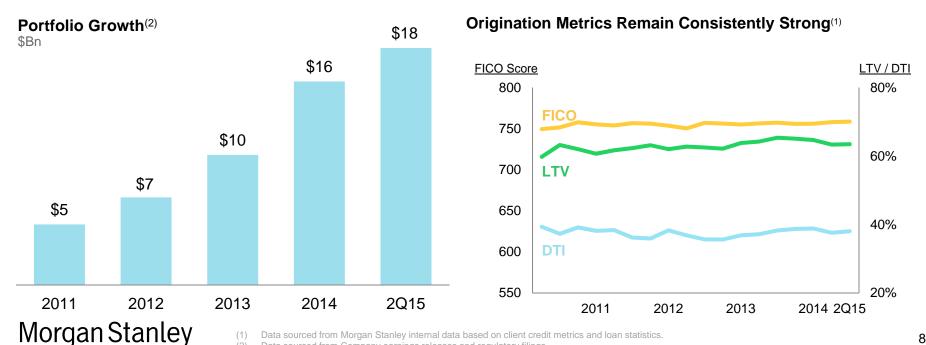
- Flexible terms, competitive pricing and efficient access to liquidity for many purposes
- Allows clients to maintain investment strategies while meeting liquidity needs
- Recently upgraded lending platform (Liquidity Access Line)
- Highly customized solutions for the sophisticated lending needs of our wealthiest clients
- Critical offering for the retention and acquisition of assets of our UHNW clients



- Supports 22% 25% Wealth Management targeted PBT margin
- Strengthens client relationship and supports asset retention and growth

### Residential Mortgage Credit Profile Remains **Consistently Strong**

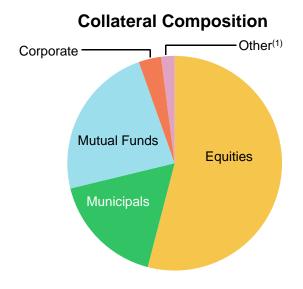
- Average debt-to-income (DTI) of ~38%<sup>(1)</sup>
- Average FICO score >750<sup>(1)</sup>
- Average loan-to-value (LTV) of ~63%<sup>(1)</sup>
- Nominal delinquency rate since 2011<sup>(1)</sup>
- 99.7% of residential mortgage loans were current as of June 30, 2015<sup>(1)</sup>
- Majority of mortgage portfolio is comprised of shorter duration hybrid ARMs<sup>(1)</sup>

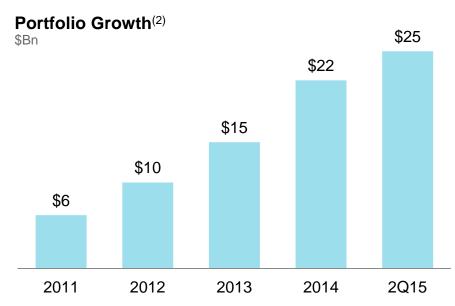


Data sourced from Company earnings releases and regulatory filings.

## Securities-Based & Other Lending to Broad, Affluent Client Base with Robust Risk Management

- Flexible platform for brokerage clients to access liquidity against assets held in their Morgan Stanley brokerage accounts
- Demand-based facilities with conservative advance rates and daily margining helps limit Bank's credit risk
- Highly collateralized
- Broad and diverse loan portfolio spread across >75,000 accounts with average funded balance of \$300K
- Robust stress testing of portfolio for market and concentrated stock shock





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(2) Data sourced from Company earnings releases and regulatory filings.

<sup>(1) &#</sup>x27;Other' includes cash and cash equivalents, mortgage backed securities and hedge fund investments.

## Institutional Securities U.S. Bank Lending is Within Our Existing Footprint & Consistent With Our Core Strategies

Focus on areas with strong franchise and domain expertise

### Corporate Lending

- Loans used for general corporate purposes, working capital and liquidity purposes
- Typically consists of revolving lines of credit, letter of credit facilities and term loans to institutional clients

#### Commercial Real Estate (CRE) & Warehouse Lending

- CRE team has strong, proven track record and deep commercial real estate expertise with 20+ years of experience
- Selected warehouse lending in areas of Firm expertise

### Other Lending

 Other lending in areas consistent with Morgan Stanley strengths (e.g., Project Finance and Equity Margin Lending)

#### Maintain Tight Risk Management Standards

- Strict credit underwriting
- Rigorous Capital Commitment Committee review process
- Strong risk management and well developed governance and portfolio management infrastructure



- Further strengthens client relationships
- **❖** Delivers accretive returns consistent with the Firm's risk profile

## NII Continues to Grow – Includes Benefit of Deposit Deployment and Realization of the Forward Curve

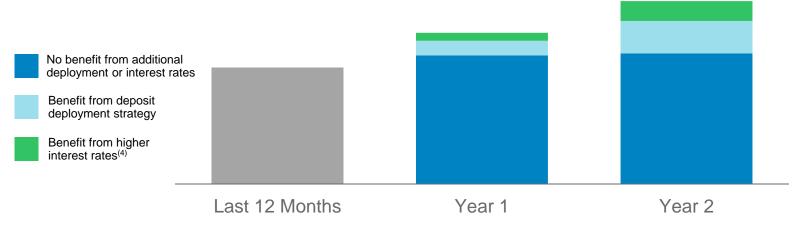
#### **Deposit Deployment**

- U.S. Bank remains in an excess liquidity position
- Current loan to deposit ratio is ~55% (~75% including contingent liquidity)<sup>(1)</sup>
- As cash is deployed into lending, Firm benefits from higher yields

#### **Realization of the Forward Curve**

- Duration of the U.S. Bank asset portfolio is ~1.5 years<sup>(1)</sup>
- As assets mature, Firm will reinvest at higher market implied rates
- Deposit beta assumes approximately 45 basis points for first 100 basis point rate increase<sup>(2)</sup>

#### Illustrative U.S. Bank Net Interest Income Base Case<sup>(3)</sup>



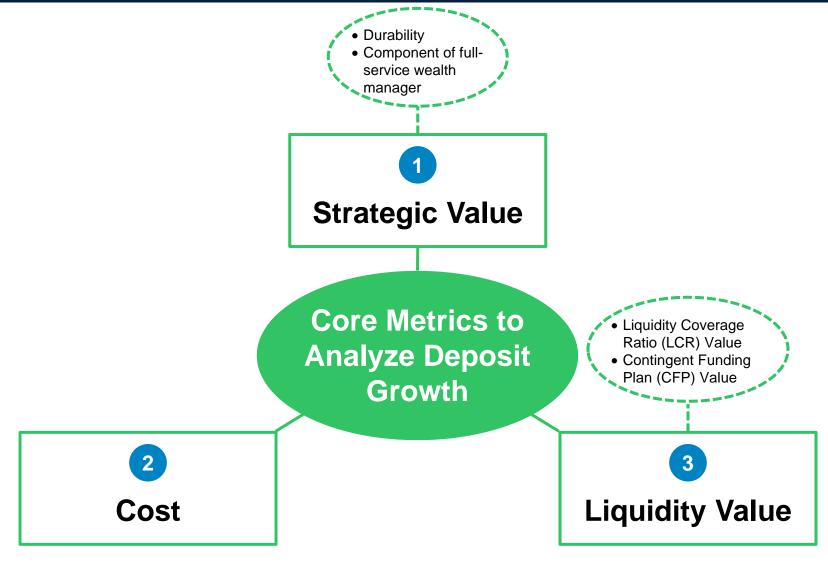
- (1) Data is sourced from Morgan Stanley internal data based on the size and composition of the asset portfolio.
- (2) Approximate deposit beta is based on internal Company models and is subject to change. The deposit beta is an estimate and may be impacted by external factors that cannot be predicted at this time, including macroeconomic and market conditions and future regulations.
- (3) Illustrative; not to scale. The attainment of this net interest income may be impacted by external factors that cannot be predicted at this time including macroeconomic and market conditions and future regulations.
- (4) "Benefit from higher interest rates" is based off of the forward curve.

2 U.S. Bank Strategy – Deposit Strategy

## Continued Prudent Loan Growth is Aligned with Deposit Strategy

- Further growth in deposits will be aligned with lending strategy and Firm priorities
  - Our deposit base has increased significantly since 2011 through onboarding deposits from our former Wealth Management joint venture partner
  - With the completion of the deposit transfers, the bank strategy is shifting from a depositdeployment strategy to an asset-optimization strategy
  - We have numerous opportunities to increase the share of client liquidity
    - Broadening the range of cash management product suite
    - Ongoing investment in digital platform
  - The three core metrics we will use to evaluate deposit growth:
    - Strategic value
    - Cost
    - Liquidity value

### Prospective Deposit Growth Supported By Three Core Metrics



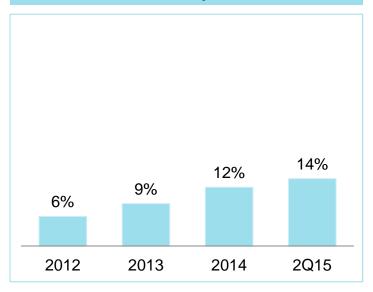
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3 Organic Growth Opportunity

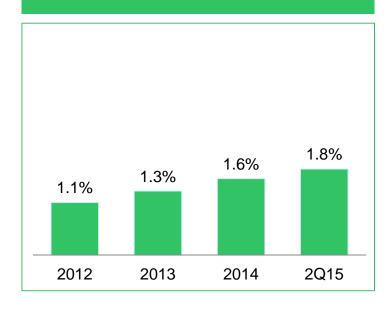
## We Continue to Have a Significant Growth Opportunity as We Serve More of Our Clients' Credit and Liquidity Needs



#### ... Who Have a Securities-Based Loan or a Tailored Loan with Morgan Stanley<sup>(1)</sup>

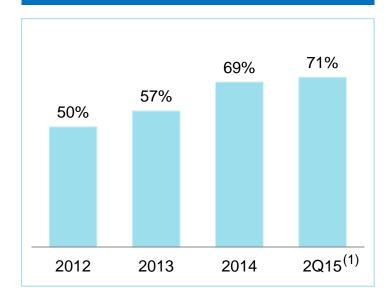


### ... Who Have a Home Loan with Morgan Stanley<sup>(1)</sup>

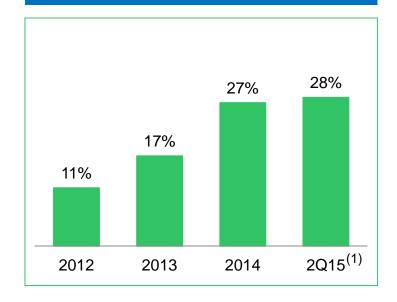


## Further Growth is Facilitated by the Increasing Level of Advisor Engagement

A Significant Percentage of our FAs Have Engaged With at Least One New Lending Solution...



...And an Increasing Number Have Initiated Four or More New Lending Products



# Building Competitive Suite of Digital Capabilities and Cash Management Solutions

- Integrated, Advisor-Centric Value Proposition
- Leading Mobile Cash Management
  - Corporate Insights rates MS Mobile "A"
- Enhanced Morgan Stanley Online
  - Consolidated view of assets and liabilities
  - Integrated bill pay and cash management
- Integrated Payment Features
  - Morgan Stanley EMV Debit Card
  - Morgan Stanley branded American Express cards
  - ApplePay™
- Access to New Deposit Products
  - Savings and term deposits



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