4.1.1 Change in Real Gross Domestic Product

As Of: 2012 Q4

Source: BEA, Haver Analytics

Note: Annual changes are Q4/Q4.
4.1.2 Change in Real Personal Consumption Expenditures

As Of: 2012 Q4

Source: BEA, Haver Analytics

Note: Annual changes are Q4/Q4.
4.1.3 Private Housing Starts

As Of: Feb-2013

Note: Seasonally adjusted at an annualized rate. Gray bar signifies NBER recession.

Source: Census Bureau, Haver Analytics
4.1.4 Net Change in Nonfarm Payroll Employment

Thousands of Jobs

As Of: Mar-2013

Thousands of Jobs

Source: BLS, Haver Analytics

Note: Gray bar signifies NBER recession.
4.1.5 Civilian Unemployment Rate

As Of: Mar-2013

Source: BLS, Haver Analytics

Note: Gray bars signify NBER recessions.
4.1.6 Long-Term Unemployment

As Of: Mar-2013

Percent

Note: Long-term unemployment as a percent of total unemployment. Gray bars signify NBER recessions.

Source: BLS, Haver Analytics
4.1.7 Labor Force Participation Rate

As Of: Mar-2013

Percent


Source: BLS, Haver Analytics
Note: Gray bars signify NBER recessions.
4.2.1 Financial Ratios for Nonfinancial Corporations

As Of: 2012 Q4

Debt to Total Assets (left axis)

Liquid Assets to Total Assets (right axis)

Source: Flow of Funds, Haver Analytics

Note: Gray bars signify NBER recessions.
4.2.2 Bank Business Lending Standards and Demand

As Of: Jan-2013

Reporting Stronger Demand from Large and Medium-Sized Firms

Reporting Tighter Standards for Large and Medium-Sized Firms

Source: SLOOS, Haver Analytics

Note: Gray bars signify NBER recessions. Data includes firms with annual sales of $50 million or more.
4.2.3 Nonfinancial Corporate Bond Default Rate

Source: Moody's Investors Service

Note: Default rates are annual rates calculated on a quarterly basis. Gray bars signify NBER recessions.
4.2.4 Noncurrent Commercial and Industrial Loans

As Of: 2012 Q4

Note: Percent of total C&I loans.
Gray bars signify NBER recessions.

Source: FDIC, Haver Analytics

Percent


Percent
4.2.5 Noncorporate Assets

As Of: 2012 Q4

Share of Total Assets

- Accounts Receivable
- Other Assets
- Cash and Securities
- Nonresidential Real Estate
- Residential Real Estate

Source: Flow of Funds, Haver Analytics
4.2.6 Net Borrowing by Nonfinancial Noncorporate Businesses

Billions of US$

As Of: 2012 Q4

Billions of US$

Source: Flow of Funds, Haver Analytics

Note: Seasonally adjusted at an annual rate. Gray bars signify NBER recessions.
4.2.7 Bank Business Lending Standards and Demand

As Of: Jan-2013

Reporting Stronger Demand from Small Firms
Reporting Tighter Standards for Small Firms

Source: SLOOS, Haver Analytics
Note: Gray bars signify NBER recessions. Data includes firms with annual sales of less than $50 million.
4.2.8 Small Businesses' Difficulty Obtaining Credit

Note: Net Percent = small businesses reporting credit harder to get than three months prior minus those reporting credit easier to get than three months prior. For the population borrowing at least once every three months. Depicts quarterly averages of monthly data. Gray bars signify NBER recessions.

Source: NFIB, Haver Analytics
4.2.9 Household Debt as a Percent of Disposable Personal Income

Source: BEA, Flow of Funds, Haver Analytics

Note: Other Household Debt includes debts of both households and nonprofits.
4.2.10 Private Nonfinancial Debt

As Of: 2012 Q4

Percent of Nominal GDP

- Nonfinancial Noncorporate Debt
- Nonfinancial Corporate Debt
- Consumer and Other Household Debt
- Mortgages

Note: Other Household Debt includes debts of both households and nonprofits.

Source: BEA, Flow of Funds, Haver Analytics
4.2.11 Household Debt Service Ratio

Note: Ratio of debt service payments to disposable personal income. Seasonally adjusted. Gray bars signify NBER recessions.
4.2.12 Share of Household Debt by Delinquency Status

As Of: 2012 Q4

- Derogatory
- 120+ Days Late
- 90 Days Late
- 60 Days Late
- 30 Days Late

Note: Derogatory loans are loans for which there are reports of a repossession, charge off to bad debt, or foreclosure.

Source: FRBNY Consumer Credit Panel, Equifax, Haver Analytics
4.2.13 Household and Nonprofit Balance Sheets

Trillions of US$  As Of: 2012 Q4  Trillions of US$

- Other Assets*
- Equities
- Credit Market Instruments
- Cash Instruments
- Real Estate
- Mortgages
- Consumer Credit
- Other Debt**

Net Worth

Source: Flow of Funds, Haver Analytics

Note: *Noncorporate equities, mutual fund shares, security credit, life insurance and pension fund reserves, tangible assets excluding real estate, miscellaneous assets. **Security credit, trade payables, unpaid life insurance premiums, other credit market instruments.
4.2.14 Share of Owners' Equity in Household Real Estate

As Of: 2012 Q4

Percent

Source: Flow of Funds, Haver Analytics

Note: Gray bars signify NBER recessions.
4.2.15 Components of Consumer Credit

As Of: 2012 Q4

Billions of US$

Source: FRBNY Consumer Credit Panel, Equifax, Haver Analytics

Note: Gray bar signifies NBER recession.
4.2.16 Applications for Credit

Millions of Inquiries

As Of: 2012 Q4

Millions of Inquiries

Source: FRBNY Consumer Credit Panel, Equifax, Haver Analytics

Note: Number of Equifax inquiries within 6 months. Gray bars signify NBER recessions.
4.2.17 90+ Day Delinquency Rate by Loan Type

As Of: 2012 Q4

Percent

Credit Card Loans
Student Loans
Mortgage Loans
Auto Loans
HELOC

Source: FRBNY Consumer Credit Panel, Equifax, Haver Analytics

Note: Gray bar signifies NBER recession. Student loan delinquency rates in 2012 Q3 are inflated by the reposting of a large number of delinquent loans by a single servicer.
4.3.1 Federal Unified Budget Surplus/Deficit

Note: Negative values denote a deficit. Data for fiscal years. Years after 2012 are projected.

Source: CBO, Haver Analytics

As Of: Feb-2013
4.3.2 Federal Debt Held by the Public as a Percent of GDP

As Of: Feb-2013

Source: CBO, Haver Analytics

Note: Data for fiscal years. Years after 2012 are projected.
4.3.3 Interest Outlays and Average Maturity of U.S. Public Debt

As Of: 2012 Q4

Source: BEA, OMB, Haver Analytics

Note: Gray bars signify NBER recessions.
A.1 10-Year Treasury Yield and Corporate Bond Spreads

Source: U.S. Department of Treasury, Barclays

Note: Debt ceiling increased on 2-Aug-2011 and temporarily suspended on 4-Feb-2013.
A.2 10-Year Treasury Yield and Market Volatility

Source: U.S. Department of Treasury, Capital IQ
4.3.4 State and Local Government Tax Revenues

As Of: 2012 Q4

Source: Census Bureau

Note: Gray bars signify NBER recessions.
Revenue shown represents the trailing 4 quarters.
4.3.5 Long-Term Mutual Fund Flows: Municipal Bonds

Billions of US$

As Of: Feb-2013

Source: ICI, Haver Analytics
4.3.6 Federal Grants-in-Aid to State and Local Governments

Source: BEA, Haver Analytics

Note: Gray bars signify NBER recessions.
4.3.7 Total Public Construction Spending

Source: Census Bureau, Haver Analytics

Note: Gray bar signifies NBER recession.
4.3.8 Municipal Bond Issuance

As Of: 2012

Source: Thomson Reuters, SIFMA

Note: Excludes maturities of 13 months or less and private placements.
4.3.9 Municipal Tax-Exempt Bond Yield Ratios

As Of: 25-Mar-2013

<table>
<thead>
<tr>
<th>Year</th>
<th>Illinois</th>
<th>California</th>
<th>New York</th>
<th>Generic A-rated</th>
<th>Generic AAA-rated</th>
</tr>
</thead>
</table>

Note: General obligation 10-year municipal bond yields to 10-year Treasury yields.

Source: Bloomberg, L.P.
4.4.1 Real GDP Growth

As Of: Jan-2013

Percent


Emerging Economies

Advanced Economies

Note: IMF estimates are used when actual data is unavailable. Year-over-year percent change. Data after 2012 is projected.

Source: IMF, Haver Analytics
4.4.2 Advanced Economies Real GDP Growth

As Of: Jan-2013

Percent


Source: IMF, Haver Analytics

Note: Year-over-year percent change.
Data after 2012 is projected.
4.4.3 Euro Area Real GDP Growth

As Of: Jan-2013

Note: Year-over-year percent change.
Data after 2012 is projected.

Source: IMF, Haver Analytics
4.4.4 Peripheral Europe: Gross Public Debt

Percent of GDP

As Of: Oct-2012

Percent of GDP

Greece
Italy
Portugal
Ireland
Spain

Note: Data after Oct-2012 is projected.

Source: IMF, Haver Analytics
4.4.5 Emerging Market Economies Real GDP Growth

As Of: Jan-2013

Note: Year-over-year percent change. Data after 2012 is projected.
4.4.6 Contribution to World GDP Growth

Source: IMF

Note: IMF estimates are used when actual data is unavailable. Data after Oct-2012 is projected.
4.4.8 Inflows to EMEs

Source: EMED
4.4.9 China Real GDP Growth

As Of: 2012 Q4

Source: CEIC Data

Note: Quarterly data. Percentage change on the same quarter of the previous year.
4.4.10 China: Annual Increases in Credit and GDP

Additional Sources of Credit
Bank Loans

As Of: 2012

Note: Additional sources of credit include the following components of "total social financing" as reported by the People's Bank of China: trust loans, entrusted lending, undiscounted bankers' acceptances, and net new corporate bond issuance.

Source: Haver Analytics, CEIC Data
5.1.1 Treasury Yields

Source: U.S. Department of Treasury
5.1.2 Slope of the Treasury Yield Curve

As Of: 25-Mar-2013

Source: U.S. Department of Treasury
5.1.3 Realized and Implied Interest Rate Volatility

Basis Points

As Of: 25-Mar-2013

Realized Volatility, 10-Year Swap Rate, 1-Year Forward

Option-Implied Volatility, 10-Year Swap Rate, 1-Year Expiry

Source: JP Morgan estimates
5.1.4 Implied Volatility

As Of: Feb-2013

Points

MOVE Index

SMOVE Index

Source: Bank of America Merrill Lynch, Haver Analytics

Note: MOVE and SMOVE are the yield curve weighted indices of the normalized implied volatility on 1-month interest rate options.
5.1.5 U.S. Corporate Bond Spreads – Investment Grade

Basis Points

As Of: 25-Mar-2013

Basis Points

Source: Barclays
5.1.6 U.S. Corporate Bond Issuance

Billions of US$

As Of: 2012

Billions of US$

High-Yield
Investment Grade

Source: Thomson Reuters, SIFMA

Note: Includes all non-convertible corporate debt, MTNs, and Yankee bonds, but excludes all issues with maturities of one year or less and CDs.
5.1.8 Institutional Loans: Issuance and Market Size

Billions of US$  
As Of: 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Gross Issuance (left axis)</th>
<th>Net Issuance (left axis)</th>
<th>Market Size (right axis)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Bank of America Merrill Lynch Global Research, S&P LCD
5.1.9 CLOs: Issuance and Market Size

Billions of US$  As Of: 2012  Billions of US$

Source: Bank of America Merrill Lynch Global Research, Intex
5.1.10 Agency MBS Spreads to Treasuries

As Of: 25-Mar-2013

Basis Points

Note: Fannie Mae 30-year MBS spreads to 10-year Treasuries.

Source: Bloomberg, L.P.
5.1.11 Publically Held Federal Debt Outstanding

Source: U.S. Department of Treasury, Haver Analytics
5.1.12 Foreign Holders of U.S. Federal Debt

As Of: Feb-2013

Source: U.S. Department of Treasury, Haver Analytics
5.1.13 Euro Area 10-Year Yield Spreads to German Debt

Source: Bloomberg, L.P.
5.1.14 Emerging Market Bond Spreads

As Of: 25-Mar-2013

Source: JP Morgan, Haver Analytics

Note: JP Morgan EMBI+ Sovereign Spreads indices for each region.
5.1.15 Dollar Index Volatility

Source: Bloomberg, L.P.

Note: Dollar index represents 30-day historical volatility.
5.1.16 Currency Implied Volatility

As Of: 25-Mar-2013

Percent

Currency Implied Volatility

1-Month Dollar-Yen
1-Month Euro-Dollar

Source: Bloomberg, L.P.
5.1.17 U.S. Dollar Exchange Rates

As Of: 25-Mar-2013

Index

Euro-Dollar
Major Dollar Index
OITP*
Yen-Dollar

Source: Federal Reserve, Haver Analytics

Note: 1-Jul-2008 = 100. *Other Important Trading Partners – a weighted average of the FX values of the dollar against a subset of currencies in the broad index that do not circulate widely outside the country of issue.
5.1.18 Returns in Selected Equities Indices

<table>
<thead>
<tr>
<th></th>
<th>Change from 25-Mar-2012 to 25-Mar-2013</th>
<th>Change from 5-Year Low to 25-Mar-2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Major Economies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. (S&amp;P)</td>
<td>11%</td>
<td>129%</td>
</tr>
<tr>
<td>Euro (Euro Stoxx)</td>
<td>5%</td>
<td>46%</td>
</tr>
<tr>
<td>Japan (Nikkei)</td>
<td>25%</td>
<td>78%</td>
</tr>
<tr>
<td>U.K. (FTSE)</td>
<td>9%</td>
<td>82%</td>
</tr>
<tr>
<td><strong>Selected Europe</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany (DAX)</td>
<td>13%</td>
<td>115%</td>
</tr>
<tr>
<td>France (CAC)</td>
<td>7%</td>
<td>48%</td>
</tr>
<tr>
<td>Italy (FTSEMIB)</td>
<td>-5%</td>
<td>27%</td>
</tr>
<tr>
<td>Spain (IBEX)</td>
<td>-2%</td>
<td>37%</td>
</tr>
<tr>
<td><strong>Emerging Markets</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil (Bovespa)</td>
<td>-17%</td>
<td>86%</td>
</tr>
<tr>
<td>Russia (RTS)</td>
<td>-12%</td>
<td>193%</td>
</tr>
<tr>
<td>India (Sensex)</td>
<td>8%</td>
<td>129%</td>
</tr>
<tr>
<td>China (Shanghai SE)</td>
<td>-1%</td>
<td>36%</td>
</tr>
<tr>
<td>Hong Kong (Hang Seng)</td>
<td>8%</td>
<td>102%</td>
</tr>
</tbody>
</table>

Source: Capital IQ
5.1.19 S&P 500 Key Ratios

P/B Ratio (right axis)
P/E Ratio (left axis)

As Of: 25-Mar-2013

Source: Bloomberg, L.P.
5.1.20 Selected Equities Indices

As Of: 25-Mar-2013

Index

S&P 500
MSCI EM
Euro Stoxx 50
Nikkei 225

Source: Haver Analytics

Note: 1-Jul-2008 = 100.
5.1.21 Market Volatility

Source: Capital IQ
5.1.22 VIX Term Premium

Spread between 8-Month and 1-Month Forward Rates

Source: Bloomberg, L.P.
5.1.24 S&P GSCI Unleaded Gasoline Index

As Of: 25-Mar-2013

Source: Capital IQ
5.1.25 Commodities

As Of: 25-Mar-2013


Note: 01-Jul-2008 = 100.
5.1.26 Gold Prices

Source: Wall Street Journal, Haver Analytics
5.1.27 Farmland Prices and Value of Crop Yield

US$ Per Acre

As Of: 2012

US$ Per Acre

Farmland (left axis)

Crop Yield* (right axis)

Source: USDA, FSOC calculations

Note: *US$ value of crops grown per acre for corn, wheat, and soybeans. Land values estimated as of Aug-2012.
5.1.28 Agricultural Prices

Source: S&P, Haver Analytics
5.1.29 Agricultural Real Estate Debt Outstanding

Billions of US$

As Of: 2012

Billions of US$


Source: BLS, Federal Reserve, Haver Analytics

Note: Dollars are presented using 2011 prices.
5.1.30 National Repeat Sales Home Price Indices

As Of: Jan-2013

CoreLogic (including distressed sales)

CoreLogic (excluding distressed sales)

FHFA

Source: CoreLogic, FHFA, FSOC calculations

Note: Gray bars signify NBER recessions.
5.1.31 Mortgages with Negative Equity

Billions of US$  As Of: 2012 Q4  Percent

Value of Negative Equity in Residential Mortgages (left axis)

Percent of Residential Mortgages with Negative Equity (right axis)

Source: CoreLogic
5.1.32 Mortgage Delinquency and Foreclosure

As Of: 2012 Q4

Percent of all mortgages.

Source: Mortgage Bankers Association, Haver Analytics

Note: Percent of all mortgages.
5.1.33 Mortgage Originations by Program

<table>
<thead>
<tr>
<th>Share of Originations</th>
<th>As Of: 2012</th>
<th>Share of Originations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Source:</strong> Inside Mortgage Finance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Private Portfolio and Securitized**
- **GSE**
- **VA**
- **FHA**

Source: Inside Mortgage Finance
5.1.34 Mortgage Servicing Rights at U.S. Commercial Banks and Thrifts

Billions of US$

As Of: 2012 Q4

Source: SNL Financial
5.1.35 Mortgage Originations by Type

As Of: 2012

Source: Inside Mortgage Finance, HUD, CoreLogic
5.1.36 Origination Volume by Credit Score

Share of Origination Volume  As Of: 2012  Share of Origination Volume

Note: Includes first lien purchases only.

Source: CoreLogic
5.1.37 Average Debt-to-Income Ratio at Origination

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>36.5</td>
</tr>
<tr>
<td>2004</td>
<td>36.8</td>
</tr>
<tr>
<td>2005</td>
<td>37.0</td>
</tr>
<tr>
<td>2006</td>
<td>37.2</td>
</tr>
<tr>
<td>2007</td>
<td>37.4</td>
</tr>
<tr>
<td>2008</td>
<td>37.6</td>
</tr>
<tr>
<td>2009</td>
<td>37.8</td>
</tr>
<tr>
<td>2010</td>
<td>38.0</td>
</tr>
<tr>
<td>2011</td>
<td>38.2</td>
</tr>
<tr>
<td>2012</td>
<td>38.4</td>
</tr>
</tbody>
</table>

Source: CoreLogic

Note: Includes first lien purchases only.
### 5.1.38 Minimum Eligibility Standards for Government Purchase Loans

<table>
<thead>
<tr>
<th></th>
<th>FHA</th>
<th>FANNIE MAE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum Manual</strong></td>
<td><strong>Underwriting Standards</strong></td>
<td><strong>Underwriting Standards</strong></td>
</tr>
<tr>
<td><strong>Purchase, 1-unit, Fixed-rate with No Minimum Reserves</strong></td>
<td><em><em>FICO</em> ≥ 580</em>*</td>
<td><strong>FICO ≥ 620</strong></td>
</tr>
<tr>
<td></td>
<td>Debt-to-Income ≤ 43%</td>
<td>Debt-to-Income ≤ 36%</td>
</tr>
<tr>
<td></td>
<td>Loan-to-Value ≤ 96.5%</td>
<td>Loan-to-Value ≤ 75%</td>
</tr>
</tbody>
</table>

*Required for a maximum LTV of 96.5%. FHA will accept FICO scores between 500 and 579 with a maximum LTV of 90%.

Source: HUD Handbook, Fannie Mae Eligibility Matrix
5.1.39 GSE Net Income

Billions of US$

As Of: 2012 Q4

Billions of US$

Source: SNL Financial
5.1.40 Issuance of RMBS

Source: Thomson Reuters, Dealogic, Fannie Mae, Freddie Mac, SIFMA
5.1.41 CMBS New Issuance

Billions of US$ As Of: 2012 Billions of US$

- Agency
- Non-Agency

Source: Commercial Mortgage Alert
5.1.42 CMBS Senior Debt Spreads

Source: Barclays

Note: Spread of Non-Agency 3.0 AAA 5-Year CMBS to Swaps.
5.1.43 CRE Refinancing

Billions of US$

As Of: 2012

Billions of US$

CMBS
GSEs and Fed-Related Mortgage Pools
Insurance Companies
Commercial Banks and Savings Institutions

Note: Issuance and distribution of maturities for commercial banks and savings institutions, insurance companies, and GSEs and Fed-related mortgage pools are estimated.

Source: Flow of Funds, Barclays, Trepp
5.1.44 Commercial Property Price Indices

As Of: Oct-2012

Source: Real Capital Analytics, Moody’s Investors Service

Note: Mar-2008 = 100.
5.2.1 Large Bank Holding Company Liability Structure

As Of: 2012 Q4

Source: FDIC, FR Y-9C

Note: *Other = commercial paper, derivative payables, securities sold short and everything categorized as “Other” reported in FR Y-9C.
5.2.2 Wholesale Cash Investors

As Of: 2012 Q4

Source: Flow of Funds, ICI, U.S.
Department of Treasury, Haver Analytics
5.2.3 Composition of Bank Short-Term Funding

Source: FDIC, Federal Reserve, Haver Analytics
5.2.4 Premium for Borrowing Dollars for 1 Year

Basis Points

As Of: 25-Mar-2013

Basis Points

Source: Bloomberg, L.P.

vs. Euros

vs. Yen
5.2.5 Commercial Paper Outstanding

As Of: Feb-2013

Trillions of US$

Corporate Issuers
Financial Issuers
ABCP

Source: Federal Reserve, Haver Analytics
5.2.6 Value of the Repo Market

Note: Limited data were provided by clearing banks prior to April 2008. These figures are estimates based on the data provided. Gray bar signifies NBER recession.

Source: FRBNY, Haver Analytics
5.2.7 Primary Dealer Repo Agreements

Trillions of US$ As Of: 20-Mar-2013 Trillions of US$

- Primary Dealer Overnight/Continuing Repo Agreements
- Primary Dealer Term Repo Agreements

Source: FRBNY
5.2.8 Tri-Party Repo Collateral Distribution

Source: FRBNY, Haver Analytics

As Of: Feb-2013
5.2.9 Securities Lending Loans by Industry

Source: Markit Group Limited

As Of: 25-Mar-2013

- Central Banks (13%)
- Mutual Funds (18%)
- Other (19%)
- Pension Funds (12%)
- U.S. Public Funds (6%)
- Insurance Companies (8%)
- Public Pension Funds (9%)
- Banks (10%)
- Quasi-Government Bodies (5%)
- Quasi-Government Bodies (5%)
5.2.10 Value of Securities on Loan

As Of: 25-Mar-2013

Source: Markit Group Limited
5.2.11 Securities Lending Cash Reinvestment

Trillions of US$  Days

As Of: 2012 Q4

Source: The Risk Management Association

Note: WAM = Weighted Average Maturity.
5.3.2 Return on Average Assets for BHCs > $10B

As Of: 2012 Q4

Source: FR Y-9C
5.3.3 Net Interest Margins for BHCs > $10B

Percent

As Of: 2012 Q4

Percent

2000-2012 Average

Net Interest Margin

Source: FR Y-9C
5.3.4 Maturity Gap at Large Banks

Note: Large banks are defined as those with assets exceeding $50 billion. Approximations are based on the midpoint of the ranges available on Call Reports. Liquid deposits are assumed to have a maturity of 1 year.
5.3.5 Maturity Gap at Small Banks

Note: Small banks are defined as those with assets less than $50 billion. Approximations are based on the midpoint of the ranges available on Call Reports. Liquid deposits are assumed to have a maturity of 1 year.
5.3.6 KBW Bank Index and Implied Volatility

As Of: 25-Mar-2013

Source: Bloomberg, L.P.
5.3.7 Average P/B and P/E Ratios of 6 Large Complex BHCs

As Of: 25-Mar-2013

P/B Ratio

P/E Ratio

Long-Term Average P/B (left axis)

Long-Term Average P/E (right axis)

Note: Market-cap weighted average of BAC, C, GS, JPM, MS, WFC.

Source: Bloomberg, L.P.
5.3.8 CDS Spreads of 6 Large Complex BHCs

As Of: 25-Mar-2013

Basis Points

Source: Markit Group Limited

Note: Equal-weighted average of BAC, C, GS, JPM, MS, WFC.
5.3.9 Systemic Risk Measures

Source: Federal Reserve, Markit Group Limited, Bloomberg, L.P., Compustat

Note: Measures are standardized by their historical volatility.
5.3.10 Change in Tier 1 Common Ratios for Aggregate U.S. BHCs

As Of: 2012 Q4

Percent of RWA

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent of RWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier1 Common (4Q11)</td>
<td>10.67</td>
</tr>
<tr>
<td>RWA Change Impact</td>
<td>0.19</td>
</tr>
<tr>
<td>Net Issuance of Stock</td>
<td>0.63</td>
</tr>
<tr>
<td>Retained Earnings</td>
<td>0.78</td>
</tr>
<tr>
<td>Other Adjustments</td>
<td>(0.80)</td>
</tr>
<tr>
<td>Tier1 Common (4Q12)</td>
<td>11.46</td>
</tr>
</tbody>
</table>

Source: FR Y-9C

Note: Domestically owned BHCs.
5.3.11 Consolidated Liquidity Ratio* for Top 50 BHCs

As Of: 2012 Q4

Percent

+2 Standard Deviation

+1 Standard Deviation

Average (17.3%)

-1 Standard Deviation

Liquidity Ratio*


Source: FR Y-9C, SNL Financial, FSOC calculations
5.3.12 Non-Core Funding* Relative to Liquid Assets**

Source: FR Y-9C

*Non-core funding includes time deposits > $100K, foreign deposits, brokered deposits < 100K, CP, other borrowed money, FF and repo, other liabilities. **Liquid assets includes cash and cash equivalents, trading assets, Treasury and Agency HTM and AFS securities, FF and reverse repo.
5.3.13 Nonperforming Loans (30-89 Days)

Source: FR Y-9C
5.3.14 Nonperforming Loans (90+ Days and Nonaccrual)

Source: FR Y-9C
5.3.15 Allowance for Loan/Lease Losses as a Multiple of Charge-offs

Allowance as a Multiple of Quarterly Charge-offs

Allowance as a Multiple of Peak Charge-offs

Note: Charge-offs are quarterly. Peak charge-offs are from 2010 Q1. Data pertains to the 18 CCAR BHCs.

Source: FR Y-9C
5.3.16 U.S. Unemployment Rate: Actual vs. Stress Scenarios

Note: Actual unemployment rate is quarterly average of monthly data. The remaining series are unemployment rate trajectories in the respective stress scenarios.
5.3.17 Initial and Stressed Tier 1 Common Capital Ratios

As Of: 25-Mar-2013

<table>
<thead>
<tr>
<th>Percent</th>
<th>Actual Q3:12</th>
<th>Stressed Q4:14</th>
<th>CCAR 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td></td>
<td>5% CCAR Target</td>
<td></td>
</tr>
</tbody>
</table>

Source: Federal Reserve, FRBNY

Note: Aggregate ratios of 18 participating BHCs. Stressed estimates are supervisory estimates.
5.3.18 FDIC-Insured Failed Institutions

Number of Institutions (left axis) vs. Assets of Failed Institutions as a Percent of Nominal GDP (right axis)

Source: BEA, FDIC, Haver Analytics

Note: No FDIC-insured institutions failed during 2005 and 2006.
Table 5.3.19 Commercial Bank and Thrift Pre-Tax Income

<table>
<thead>
<tr>
<th>Year</th>
<th>Noninterest Income</th>
<th>Net Interest Income</th>
<th>Total Pre-Tax Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Includes all FDIC-insured commercial banks and thrifts.
5.3.20 Net Charge-offs and Noncurrent Loans

Source: FDIC, Haver Analytics
Note: All FDIC-insured institutions.
5.3.21 Risk-Weighted Assets and Return on Assets

As Of: 2012 Q4

Percent

Return on Assets (left axis)
Risk-Weighted Assets as a Percent of Total Assets (right axis)

Source: FDIC, Haver Analytics
Note: All FDIC-insured institutions.
5.3.22 Concentration of Credit Union Assets

Source: NCUA

Note: Largest by asset size.
5.3.23 Federally Insured Credit Union Income

Billions of US$  As Of: 2012  Billions of US$

- Noninterest Income
- Net Interest Income
- Provisions
- Realized Gains/Losses on Investments

Source: NCUA
5.3.24 Credit Union Deposits

Source: NCUA
5.3.25 U.S. Branches and Agencies of Foreign Banks: Assets

As Of: 2012 Q3

Trillions of US$

- Other Assets*
- Securities Purchased with Repurchase Agreements & Fed Funds Sold
- Non C&I Loans
- C&I Loans
- Net Due From Related Depository Institutions

Source: Federal Reserve, Haver Analytics

Note: *Includes government securities, asset-backed securities, and other trading assets.
5.3.26 U.S. Branches and Agencies of Foreign Banks: Liabilities

As Of: 2012 Q3

Trillions of US$

Other Liabilities*
Securities Sold with Repurchase Agreements & Fed Funds Purchased
Deposits & Credit Balances
Net Due to Related Depository Insitutions

Source: Federal Reserve, Haver Analytics
Note: *Includes transaction accounts, non-transaction accounts, and other borrowed money.
5.4.2 Broker-Dealer Assets and Leverage

Source: SIFMA DataBank, FINRA

Note: Leverage is total assets as a multiple of equity.
5.4.3 Primary Dealer Securities

As Of: 20-Mar-2013

Source: FRBNY
5.4.4 Life and Other Insurance: Capital and Net Income

Billion of US$

As Of: 2012

Billion of US$

2006 2007 2008 2009 2010 2011 2012

Net Income (left axis)

Capital (right axis)

Source: NAIC

Note: Includes accident and health.
5.4.5 Life Insurers: Impact of Low Rate Environment

Investment Yield (left axis)

Required Interest Rate (left axis)

Investment Yield Minus Required Interest Rate (right axis)

As Of: 2012

Source: NAIC, SNL Financial
5.4.6 Property and Casualty Insurance: Capital and Net Income

Billions of US$

As Of: 2012

Billions of US$

Source: NAIC
5.4.7 Consumer Loans Outstanding

Source: Federal Reserve, Haver Analytics

Note: Loans owned and securitized. Series break in December 2010 for consumer loans outstanding at finance companies due to change in data collection methodology. Gray bars signify NBER recessions.
5.4.8 Business Loans Outstanding

As Of: Feb-2013

Trillions of US$

2001 2003 2005 2007 2009 2011 2013

Commercial Banks

Finance Companies

Source: Federal Reserve, Haver Analytics

Note: Loans owned and securitized. Series break in December 2010 for business loans outstanding at finance companies due to change in data collection methodology. Gray bars signify NBER recessions.
5.4.9 ABS Issuance

As Of: 2012

Source: Thomson Reuters, SIFMA
Note: At low yields (relative to the coupon), MBS display negative convexity because price increases are more limited as market yields fall, due to borrowers’ prepayment options being “in the money.” This contrasts with the positive convexity of non-callable bonds, for which price gains increase as market yields fall.
C.2 Outstanding Agency MBS by Holders

Federal Reserve (15.5%)
Mutual Funds (17.0%)
Agency REITs (4.8%)
Pension Funds (5.5%)
Insurance (6.1%)
Foreign (13.9%)
Other (4.6%)
Agency GSEs (4.1%)
Depository Institutions* (24.3%)
State and Local Gov’t (4.2%)

Note: *Includes foreign banking offices in the U.S. and banks in U.S.-affiliated areas.

Source: Fannie Mae, Freddie Mac, SIFMA, Federal Reserve, FSOC calculations

As Of: 2012 Q3
C.3 2003 Convexity Event

Source: U.S. Department of Treasury
5.4.10 Selected ABS Spreads

<table>
<thead>
<tr>
<th>Basis Points</th>
<th>As Of: 21-Mar-2013</th>
<th>Basis Points</th>
</tr>
</thead>
</table>

- **Auto Fixed BBB 3-Year**
- **Credit Card Fixed BBB 3-Year**
- **Auto Fixed AAA 3-Year**
- **Credit Card Fixed AAA 3-Year**

Source: Barclays

Note: Spreads to Treasury securities.
5.4.11 Total Agency REIT Assets

Billions of US$ As Of: 2012 Q4

- Total Assets (left axis)
- Assets to Equity Ratio* (right axis)

Source: Bloomberg, L.P.

Note: *Weighted by market capitalization.
5.4.12 Agency REITs: Return on Assets

Percent  As Of: 2012 Q4  Basis Points

2Y/10Y Treasury Spread (right axis)

Average ROA* (left axis)

Source: Bloomberg, L.P. Note: *Weighted by market capitalization.
5.5.1 MMF Assets by Fund Type

Trillions of US$

As Of: Feb-2013

Trillions of US$

Prime

Government and Treasury

Tax-Exempt

Source: SEC
5.5.2 Prime Funds Liquidity

Percent of Total Assets | As Of: Feb-2013 | Percent of Total Assets

Source: SEC
5.5.3 MMF Weighted Average Life*

As Of: Feb-2013

Source: SEC

Note: *Weighted average lives, weighted by size of fund.
5.5.4 Total Assets of Mutual Funds

Trillions of US$  As Of: Feb-2013  Trillions of US$

Hybrid Funds
Total Bond Funds
Money Market Funds
Equity Funds

Source: ICI, Haver Analytics
5.5.5 Mutual Fund Flows by Asset Class (Mar-2012 to Feb-2013)

Billions of US$

As Of: Feb-2013

Billions of US$

Source: Morningstar

Note: *Includes sector stock funds with int’l exposure.
5.5.6 Mutual Fund Taxable Bond Flows (Mar-2012 to Feb-2013)

Billions of US$

As Of: Feb-2013

Billions of US$

Source: Morningstar
5.5.7 Annual Net Worldwide Fund Flows

Billions of US$

As Of: 2012

- Money Market
- Equity
- Fixed Income
- Other

Source: Morningstar
5.5.8 Mutual Fund Holdings

Billions of US$  As Of: 2012  Billions of US$

- High-Yield Bonds (left axis)
- Institutional Loans (left axis)
- Corporate and Foreign Bonds (right axis)

Source: Flow of Funds, S&P LCD, Lipper
5.5.9 Retirement Fund Assets by Plan Type

As Of: 2012 Q3

Trillions of US$

<table>
<thead>
<tr>
<th>Plan Type</th>
<th>Dec:06</th>
<th>Dec:07</th>
<th>Dec:08</th>
<th>Dec:09</th>
<th>Dec:10</th>
<th>Dec:11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Accounts</td>
<td>12.1</td>
<td>16.2</td>
<td>13.7</td>
<td>13.5</td>
<td>14.6</td>
<td>16.9</td>
</tr>
<tr>
<td>State and Local</td>
<td>5.0</td>
<td>7.0</td>
<td>7.8</td>
<td>8.5</td>
<td>9.5</td>
<td>10.5</td>
</tr>
<tr>
<td>Private Defined Contribution Plans</td>
<td>1.6</td>
<td>2.0</td>
<td>2.7</td>
<td>2.8</td>
<td>3.5</td>
<td>4.0</td>
</tr>
<tr>
<td>Federal</td>
<td>0.8</td>
<td>0.9</td>
<td>0.9</td>
<td>1.1</td>
<td>1.2</td>
<td>1.3</td>
</tr>
<tr>
<td>Private Defined Benefit Plans</td>
<td>1.1</td>
<td>1.3</td>
<td>1.5</td>
<td>1.6</td>
<td>2.0</td>
<td>2.3</td>
</tr>
</tbody>
</table>

Source: Flow of Funds, Haver Analytics
5.5.10 Public and Private Pension Funding Level

Source: Goldman Sachs Asset Management, Public Fund Survey, NASRA, NCTR

Note: 2012 figures are preliminary.
Source: Preqin
5.5.12 U.S. Private Equity AUM by Strategy

- Venture Capital (13%)
- Real Estate (17%)
- Leveraged Buyouts (39%)
- Distressed Capital (10%)
- Other (9%)
- Mezzanine (5%)
- Infrastructure (5%)
- Growth (1%)

Source: Preqin

As Of: 30-Sep-2012.
5.5.13 Change in Hedge Fund AUM

Billions of US$ As Of: 2012 Billions of US$

2003 2005 2007 2009 2011

Source: Hedge Fund Research, Inc.
5.5.14 Hedge Fund Assets and Net Asset Flows

Billions of US$  

As Of: 2012

Thousands of Funds

Number of Funds (right axis)

Estimated Assets (left axis)

Net Asset Flows (left axis)

Source: Hedge Fund Research, Inc.
5.5.16 Hedge Fund Performance by Strategy

As Of: 2012

Source: Hedge Fund Research, Inc.
5.5.17 ETP Net Assets by Product Type

Source: Morningstar
5.5.18 ETP Net Flows by Product Type

Billions of US$  As Of: Feb-2013  Billions of US$

- Exchange-Traded Note
- Exchange-Traded Vehicle
- Exchange-Traded Fund

Source: Morningstar
5.6.1 Global OTC Derivatives Market

As Of: 2012 Q2

Trillions of US$ Notional values.

Credit Default Swaps
Commodity Contracts
Equity-linked Contracts
Interest Rate Contracts
FX Contracts
Unallocated

Source: BIS, Haver Analytics
Note: Notional values.
5.6.2 Global Exchange-Traded Derivatives

As Of: 2012 Q4

Trillions of US$

Source: BIS, Haver Analytics

Note: Notional values.
5.6.3 Global OTC and Exchange-Traded Derivatives Growth

Indexed Growth  
As Of: 2012 Q4  
Indexed Growth

Source: BIS, Haver Analytics
Note: Notional values, indexed such that 1998 Q2 = 100.
5.6.4 Exchange-Traded Derivatives Globalization

Billions of Contracts Traded

As Of: 2012

Billions of Contracts Traded

Source: Futures Industry Association
5.6.5 Credit Derivatives Market

As Of: 22-Mar-2013

- Dealer vs Non Dealer (38%)
- Dealer vs Dealer (61%)
- Non Dealer vs Non Dealer (1%)

Total = $23.7 Trillion

Note: Percentages based off of total notional outstanding.

Source: DTCC
Total = $536.8 Trillion

Source: DTCC

Note: Percentages based off of total notional outstanding.
### 5.6.7 Notional Amounts Outstanding on CCPs by Asset Class

Notional Amounts Outstanding on CCPs (as reported by CCPs participating in FSB survey) (USD equivalents, in billions)

<table>
<thead>
<tr>
<th>ASSET CLASS</th>
<th>31-Dec-2010</th>
<th>31-Dec-2011</th>
<th>30-June-2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
<td>1,231</td>
<td>1,645</td>
<td>1,800</td>
</tr>
<tr>
<td>Commodities</td>
<td>25</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td>Equity</td>
<td>11</td>
<td>2.8</td>
<td>2.4</td>
</tr>
<tr>
<td>FX</td>
<td>73</td>
<td>93</td>
<td>124</td>
</tr>
<tr>
<td>Interest Rates</td>
<td>124,398</td>
<td>142,088</td>
<td>152,972</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>125,738</strong></td>
<td><strong>143,846</strong></td>
<td><strong>154,911</strong></td>
</tr>
</tbody>
</table>

Note: Not all CCPs participating in survey provided data for all time periods. Where conversion to USD was necessary, exchange rates for a given currency on 31-Dec-2010, 31-Dec-2011, and 30-June-2012 were used.

Source: FSB
5.6.8 SwapClear Volume

Thousands of Trade Sides  As Of: Feb-2013  Trillions of US$

- Open Interest (right axis)
- Monthly Registration (left axis)

Source: LCH.Clearnet
Open Interest (right axis)
5.6.10 ICE Clear Europe

Thousands of Trades

As Of: 25-Mar-2013

Billions of Euros

Open Interest (right axis)

Monthly Registration (left axis)

Source: ICE, FSOC calculations

Note: Only trading days shown.
D.1 Outstanding Amounts of Marketable Potentially Safe Assets

Source: IMF citing BIS, Dealogic, ECBC, SIFMA, S&P, WGC, IMF staff estimates

Note: Data for government and corporate debt are as of 2011 Q2. Data for supranational debt, covered bonds, and gold are as of end-2010. Data for U.S. agency debt and securitization are as of 2011 Q3.

- AAA/AA OECD Government Securities (45%)
- Supranational Debt (1%)
- Covered Bonds (4%)
- Corporate Debt (Investment Grade) (11%)
- A/BBB OECD Government Securities (7%)
- ABS, MBS, Other Securitization (17%)
- Gold (11%)
- U.S. Agency Debt (3%)

Total = $74.4 Trillion
### D.2 Compilation of Potential Impact on Global Eligible Collateral

<table>
<thead>
<tr>
<th>Regulatory Change</th>
<th>Estimate (in trillions of US$)</th>
<th>Proportion of Global Collateral Stock ($74T)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CCP Swap Market – Incremental Initial Margin</td>
<td>-$0.3</td>
<td>-0.3%</td>
<td>Incremental cleared swaps $252T. Initial margin on cleared derivatives equals roughly 0.1% of gross against $252T newly clearable derivatives.</td>
</tr>
<tr>
<td>2. Non-Centrally Cleared – New Initial Margin</td>
<td>-$0.9</td>
<td>-1.3%</td>
<td>Based on survey of 2012 Q2 and future state. Future non-centrally cleared, globalized equals $295T. Compiled where thresholds are €50 million. Initial margin estimate based on modeled calculations and as if all non-cleared came under margin immediately.</td>
</tr>
<tr>
<td><strong>Compilation of Incremental Collateral Needs – A Net Use</strong></td>
<td>-$3.5</td>
<td>-4.8%</td>
<td>Margin assumes a short range future state with zero thresholds and rule applied at once. This LCR overestimates eventual impact of January 2013 revisions and is applied at once.</td>
</tr>
</tbody>
</table>

Source: FSB, BIS, IOSCO

Note: Negative numbers indicate uses, or demands, of collateral. $1.32 = €1 at 31-Dec-2012.
7.1.1 Total MMF Repo Holdings

Billions of US$ As Of: 2012 Q4 Billions of US$

Source: Flow of Funds, Haver Analytics
7.1.2 Repo Funding by MMFs

Source: Flow of Funds, Haver Analytics
7.4.1 Historical Bond Yields

Moody's Seasoned Baa
Moody's Seasoned Aaa
10-Year Constant Maturity Treasury
3-Month Treasury Bills, Secondary Market

As Of: Feb-2013

Source: Federal Reserve, Haver Analytics
7.4.2 Federal Funds Rate

Effective Rate

Implied Rate

Source: Federal Reserve, Haver Analytics

Note: Implied Federal Funds Rate derived from OIS quotes.
7.4.3 Interest Rate Risk Premium Indicators

As Of: 1-Mar-2013

1-Year Rate 9 Years Forward (right axis)

10-Year Treasury Term Premium (left axis)

Source: FRBNY calculations, Blue Chip Consensus, Federal Reserve
7.4.4 Historical Credit Spreads

Basis Points

As Of: Feb-2013

Basis Points

BAML High-Yield Spread
Moody’s Seasoned Baa Spread
Moody’s Seasoned Aaa Spread

Source: Bank of America Merrill Lynch, Federal Reserve, Haver Analytics

Note: Spread to 10-Year CMT.
7.6.1 Moody’s BHC Systemic Support Uplift

As Of: 27-Mar-2013

Source: Moody’s, FRBNY calculations
### Number and Distribution of Subsidiaries: Selected Top 50 BHCs

<table>
<thead>
<tr>
<th>BHC Rank</th>
<th>Name</th>
<th>Count Total</th>
<th>Count Foreign</th>
<th>% of Assets Outside Domestic Commercial Banks</th>
<th>Consolidated Total Assets (Billions of US$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>JPMorgan Chase</td>
<td>3,409</td>
<td>449</td>
<td>14.1%</td>
<td>2,359.1</td>
</tr>
<tr>
<td>2</td>
<td>Bank of America</td>
<td>1,838</td>
<td>429</td>
<td>25.1%</td>
<td>2,212.0</td>
</tr>
<tr>
<td>3</td>
<td>Citigroup</td>
<td>1,642</td>
<td>682</td>
<td>29.5%</td>
<td>1,864.7</td>
</tr>
<tr>
<td>4</td>
<td>Wells Fargo</td>
<td>1,331</td>
<td>90</td>
<td>6.4%</td>
<td>1,423.0</td>
</tr>
<tr>
<td>5</td>
<td>Goldman Sachs Group</td>
<td>3,124</td>
<td>1,683</td>
<td>87.4%</td>
<td>938.8</td>
</tr>
<tr>
<td>6</td>
<td>Morgan Stanley</td>
<td>3,093</td>
<td>1,398</td>
<td>87.6%</td>
<td>781.0</td>
</tr>
<tr>
<td>10</td>
<td>Capital One Financial</td>
<td>115</td>
<td>14</td>
<td>0.0%</td>
<td>313.0</td>
</tr>
<tr>
<td>20</td>
<td>Regions Financial</td>
<td>39</td>
<td>4</td>
<td>0.8%</td>
<td>121.3</td>
</tr>
<tr>
<td>30</td>
<td>BBVA USA Bancshares</td>
<td>44</td>
<td>0</td>
<td>0.0%</td>
<td>69.1</td>
</tr>
<tr>
<td>40</td>
<td>BOK Financial</td>
<td>35</td>
<td>0</td>
<td>0.7%</td>
<td>28.1</td>
</tr>
<tr>
<td>50</td>
<td>Webster Financial</td>
<td>19</td>
<td>0</td>
<td>0.2%</td>
<td>20.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>19,743</strong></td>
<td><strong>5,859</strong></td>
<td><strong>24.9%</strong></td>
<td><strong>14,274.0</strong></td>
</tr>
</tbody>
</table>

Source: National Information Center, FR Y-9C, FR Y-6, FR Y-10, FFIEC 031, FFIEC 041

Note: Subsidiary data are as of 2-Apr-2013. Financial data are as of 2012 Q4. Capital One % of assets set to zero; raw figure is negative due to netting of related party transactions. Excludes data on SLHCs.
7.6.3 BHC Subsidiaries by Industry

Number of Subsidiaries | As Of: 2-Apr-2013 | Number of Subsidiaries

- **Funds, trusts, and other financial vehicles**
- **Securities, commodity contracts, and other**
- **Management of companies and enterprises**
- **Health care and social assistance**
- **Credit intermediation and related activities**
- **Real estate and rental and leasing**
- **Other**

**Source:** National Information Center, FR Y-6, FR Y-10
G.1 Asset Shares of U.S. Financial Institutions

Percent of Total Assets

As Of: 2012 Q4

Percent of Total Assets

Note: Includes U.S.-chartered independent banks and BHCs, SLHCs, independent thrifts, ILCs, credit card banks, FBO edge corporations, FBO nonbank affiliates, and FBO branches. Assets are adjusted to account for acquisitions and charter changes. Assets are as of 2012 Q4 except small-parent BHCs (2012 Q2), certain FBO nonbank affiliates that file annually (2011 Q4), and all other FBO nonbank affiliates (2012 Q3).
Source: FR Y-9C, FR Y-9SP, SLHC, Call Reports, SEC 10Qs
### G.2 Asset Shares of the Top 10 U.S. Financial Institutions

**As Of: 2012 Q4**

<table>
<thead>
<tr>
<th>Share of U.S. Assets</th>
<th>Percent</th>
<th>Billions of US$</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPMorgan Chase</td>
<td>10.5</td>
<td>2,359</td>
</tr>
<tr>
<td>Bank of America</td>
<td>9.8</td>
<td>2,212</td>
</tr>
<tr>
<td>Citigroup</td>
<td>8.3</td>
<td>1,865</td>
</tr>
<tr>
<td>Wells Fargo</td>
<td>6.3</td>
<td>1,423</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>4.2</td>
<td>939</td>
</tr>
<tr>
<td>Morgan Stanley</td>
<td>3.5</td>
<td>781</td>
</tr>
<tr>
<td>Credit Suisse (U.S.)</td>
<td>2.6</td>
<td>575</td>
</tr>
<tr>
<td>Deutsche Bank (U.S.)</td>
<td>2.3</td>
<td>509</td>
</tr>
<tr>
<td>Barclays (U.S.)</td>
<td>2.2</td>
<td>501</td>
</tr>
<tr>
<td>BoNY Mellon</td>
<td>1.6</td>
<td>359</td>
</tr>
</tbody>
</table>

Note: Includes U.S.-chartered independent banks and BHCs, SLHCs, independent thrifts, ILCs, credit card banks, FBO edge corporations, FBO nonbank affiliates, and FBO branches. Assets are adjusted to account for acquisitions and charter changes. Assets are as of 2012 Q4 except small-parent BHCs (2012 Q2), certain FBO nonbank affiliates that file annually (2011 Q4), and all other FBO nonbank affiliates (2012 Q3).

Source: FR Y-9C, FR Y-9SP, SLHC, Call Reports, SEC 10Qs