Number of FDIC-Insured Banking Organizations


Assets of FDIC-Insured Banking Organizations


* Includes thrifts owned by unitary thrift holding companies or multi-thrift holding companies.

Number of FDIC-Insured Institutions


Assets of FDIC-Insured Institutions
2009-2019
\$ Billions


## Changes in the Number of FDIC-Insured Institutions

Quarterly, 2016-2019
 end of quarter

* Includes charter conversions, voluntary liquidations, adjustments for open-bank assistance transactions, and other changes.


## Quarterly Change in the Number of FDIC-Insured Institutions



## Institution Mergers: Interstate vs. Intrastate

Quarterly, 2016-2019


## Number of FDIC-Insured "Problem" Institutions

2009-2019


Assets of FDIC-Insured "Problem" Institutions
2009-2019


## Quarterly Net Income

2016-2019


Quarterly Net Interest Margins, Annualized

```
2016-2019
```



## Major Factors Affecting Earnings

3rd Quarter 2019 vs. 3rd Quarter 2018


Percentage of Insured Institutions With Earnings Gains
Compared to Year-Earlier Quarter, 2016-2019


## Quarterly Return on Assets (ROA), Annualized



## Quarterly Return on Equity (ROE), Annualized



Number of Subchapter S Corporations
2009-2019


Quarterly Return on Assets of Subchapter S Corporations vs. Other Banks, Annualized

2008-2019


## Noninterest Income as a Percentage of Net Operating Revenue*

2009-2019

Quarterly Noninterest Income, \% of Net Operating Revenue*


## Trends in FDIC-Insured Institutions' Income \& Expenses

2009-2019

*Net operating revenue equals net interest income plus total noninterest income.

## Composition of Noninterest Income

September 30, 2019 (YTD)


Other Noninterest Income 47.3\%

|  | Noninterest <br> Income <br> $\$ ~ M i l l i o n s ~$ | Number of <br> Banks Reporting <br> Non-Zero Balances | Percent of <br> All Banks |
| :--- | ---: | ---: | ---: |
| Noninterest Income Source | $\$ 27,661$ |  |  |
| Fiduciary Income | 1,015 | $19.3 \%$ |  |
| Service Charges on Deposit Accounts | $\$ 26,726$ | 5,127 | $97.5 \%$ |
| Trading Gains \& Fees | $\$ 25,988$ | 141 | $2.7 \%$ |
| Investment Banking/Brokerage Fees | $\$ 8,125$ | 1,324 | $25.2 \%$ |
| Venture Capital Revenue | $\$ 54$ | 31 | $0.6 \%$ |
| Net Securitization Income | $\$ 214$ | 31 | $0.6 \%$ |
| Insurance Commissions \& Fees | $\$ 1,502$ | 2,077 | $39.5 \%$ |
| Net Servicing Fees | 2,006 | $38.2 \%$ |  |
| Net Gains on Asset Sales | $\$ 10,630$ |  |  |
| Net Gains/Losses on Loan Sales | $\$ 50$ | 2,321 | $44.2 \%$ |
| Net Gains/Losses on OREO Sales | $\$ 1,221$ | 1,340 | $44.5 \%$ |
| Net Gains/Losses on Sales of Other Assets | $\$ 95,051$ | 5,213 | $33.3 \%$ |
| Other Noninterest Income | $\$ 200,824$ | $59.2 \%$ |  |
| Total Noninterest Income |  |  |  |

## Quarterly Yield on Earning Assets



## Quarterly Cost of Funding Earning Assets

2016-2019


# Quarterly Return on Risk-Weighted Assets (RWA)* and RWA to Total Assets <br> 2009-2019 



* Assets weighted according to risk categories used in regulatory capital computations.


## Quarterly Efficiency Ratios*

## 2016-2019



## Return on Assets (ROA)



ROA 0-1 percent
ROA > 1 percent
ROA Rankings by State

|  | $\begin{array}{r} \text { No. of Inst. } \\ \text { as of } 09 / 30 / 19 \end{array}$ | YTD 2019 | YTD 2018 | Change* |  | $\begin{array}{r} \text { No. of Inst. } \\ \text { as of } 09 / 30 / 19 \end{array}$ | YTD 2019 | YTD 2018 | Change* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Utah | 39 | 2.53 | 2.41 | 12 | 28 lennessee | 141 | 1.27 | 1.41 | (14) |
| 2 Arizona | 15 | 1.92 | 1.91 | 1 | 29 Connecticut | 37 | 1.25 | 1.06 | 19 |
| 3 Nevada | 19 | 1.80 | 1.71 | 9 | 30 Kentucky | 142 | 1.25 | 1.19 | 6 |
| 4 Montana | 47 | 1.60 | 1.57 | 3 | 31 South Dakota | 62 | 1.25 | 1.26 | (1) |
| 5 New Mexico | 35 | 1.60 | 1.50 | 10 | 32 Washington | 41 | 1.25 | 1.22 | 3 |
| 6 Idaho | 11 | 1.52 | 1.35 | 17 | 33 Louisiana | 115 | 1.24 | 1.11 | 13 |
| 7 North Carolina | 48 | 1.51 | 1.59 | (8) | 34 Maryland | 42 | 1.23 | 1.22 | 1 |
| 8 Arkansas | 91 | 1.49 | 1.59 | (10) | 35 Delaware | 21 | 1.22 | 1.35 | (13) |
| 9 Texas | 426 | 1.49 | 1.46 | 3 | 36 Kansas | 228 | 1.21 | 1.20 | 1 |
| 10 Puerto Rico | 5 | 1.48 | 1.46 | 2 | 37 South Carolina | 47 | 1.20 | 1.16 | 4 |
| 11 Missouri | 252 | 1.39 | 1.39 | 0 | 38 Mississippi | 72 | 1.19 | 1.21 | (2) |
| 12 Nebraska | 167 | 1.39 | 1.38 | 1 | 39 New Hampshire | 17 | 1.14 | 1.19 | (5) |
| 13 North Dakota | 75 | 1.39 | 1.37 | 2 | 40 Rhode Island | 8 | 1.13 | 1.11 | 2 |
| 14 Ohio | 181 | 1.39 | 1.33 | 6 | 41 Alabama | 113 | 1.12 | 1.21 | (9) |
| 15 Alaska | 5 | 1.37 | 1.39 | (2) | 42 Illinois | 422 | 1.12 | 1.04 | 8 |
| 16 Colorado | 76 | 1.37 | 1.40 | (3) | 43 Pennsylvania | 143 | 1.09 | 1.09 | 0 |
| 17 Oregon | 16 | 1.37 | 1.30 | 7 | 44 New York | 136 | 1.07 | 1.18 | (11) |
| 18 Indiana | 102 | 1.34 | 1.32 | 2 | 45 Virginia | 73 | 1.06 | 1.19 | (13) |
| 19 lowa | 276 | 1.34 | 1.31 | 3 | 46 Florida | 109 | 1.04 | 1.08 | (4) |
| 20 West Virginia | 50 | 1.34 | 1.23 | 11 | 47 Maine | 26 | 1.03 | 1.03 | 0 |
| 21 Wyoming | 30 | 1.33 | 1.19 | 14 | 48 Vermont | 11 | 1.03 | 0.91 | 12 |
| 22 Michigan | 91 | 1.32 | 1.33 | (1) | 49 New Jersey | 70 | 1.01 | 0.95 | 6 |
| 23 Minnesota | 283 | 1.32 | 1.34 | (2) | 50 Massachusetts | 115 | 0.96 | 1.12 | (16) |
| 24 Wisconsin | 194 | 1.31 | 1.26 | 5 | 51 California | 151 | 0.89 | 1.21 | (32) |
| 25 Oklahoma | 201 | 1.30 | 1.51 | (21) | 52 District of Col. | 3 | 0.43 | 0.31 | 12 |
| 26 Hawaii | 8 | 1.28 | 1.26 | 2 |  |  |  |  |  |
| 27 Georgia | 163 | 1.27 | 1.40 | (13) | U.S. and Terr. | 5,256 | 1.33 | 1.35 | (2) |

*YTD ROA minus ROA for the same period one year ago equals change in basis points. Basis point $=1 / 100$ of a percent.

## Total Liabilities and Equity Capital

September 30, 2019


[^0]
## Capital Ratios

```
2013-2019
```



## Equity Capital and Reserves

## FDIC-Insured Commercial Banks and Savings Institutions

\$ Billions


## Loan Portfolio Composition

September 30, 2019


## Loan Portfolio Composition by Asset Size

## September 30, 2019

## Assets < \$1 Billion



## Assets > \$1 Billion



## Utilization Rates of Loan Commitments*

2009-2019


* Utilization rates represent outstanding loan amounts as a percentage of unused loan commmitments
plus outstanding loan amounts.
** Includes on-balance-sheet loans and off-balance-sheet securitized receivables.


## Reserve Coverage Ratio*

 2016-2019

| Noncurrent Loans (\$ Billions) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 141.2 | 136.4 | 134.0 | 132.0 | 125.0 | 116.5 | 114.8 | 116.4 | 112.5 | 104.8 | 101.3 | 100.3 | 100.5 | 95.7 | 95.5 |
| Loan-Loss Reserves (\$ Billions) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120.7 | 121.7 | 122.1 | 121.7 | 121.8 | 121.4 | 123.5 | 123.8 | 123.7 | 123.4 | 123.7 | 124.7 | 125.2 | 124.9 | 125.2 |
| Coverage Ratio (\%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85 | 89 | 91 | 92 | 97 | 104 | 108 | 106 | 110 | 118 | 122 | 124 | 125 | 130 | 131 |

* Loan-loss reserves to noncurrent loans.


## Loss Allowance to Loans and Leases

2016-2019


Loss Allowance to Loans and Leases

| 1.35 | 1.33 | 1.32 | 1.31 | 1.31 | 1.28 | 1.29 | 1.27 | 1.27 | 1.25 | 1.24 | 1.23 | 1.23 | 1.21 | 1.20 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Real Estate Assets as a Percent of Total Assets

September 30, 2019


Real Estate Loan Growth Rates*
2009-2019


* Growth Rate for the most recent twelve-month period.


## Twelve-Month Loan Growth Rates

> 2009-2019


* FASB Statements 166 and 167 resulted in the consolidation of large amounts of securitized loan balances back onto banks' balance sheets in the first quarter of 2010. Most of these balances consisted of credit card loans.


## Risk-Weighted Assets as a Percentage of Total Assets

 2009-2019

## Number of Institutions With FHLB Advances

2009-2019


## Amount of FHLB Advances Outstanding



Debt Securities by Maturity or Repricing Frequency...

.....and by Region


## Total Securities (Debt and Equity)

|  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | (\$ Billions) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| U.S. Government Obligations: | $\mathbf{9 / 1 7}$ | $\mathbf{1 2 / 1 7}$ | $\mathbf{3 / 1 8}$ | $\mathbf{6 / 1 8}$ | $\mathbf{9 / 1 8}$ | $\mathbf{1 2 / 1 8}$ | $\mathbf{3 / 1 9}$ | $\mathbf{6 / 1 9}$ | $\mathbf{9 / 1 9}$ |
| $\quad$ U.S. Treasury | 472 | 477 | 481 | 486 | 494 | 549 | 537 | 549 | 623 |
| U.S. Govt. Agy \& Spon. Agy Obligations | 159 | 157 | 155 | 152 | 150 | 150 | 146 | 141 | 131 |
| $\quad$ Mortgage Pass-Through Securities | 1,372 | 1,383 | 1,366 | 1,398 | 1,395 | 1,409 | 1,425 | 1,477 | 1,543 |
| Collateralized Mortgage Obligations | 469 | 460 | 453 | 453 | 452 | 453 | 457 | 457 | 462 |
| State, County, Municipal Obligations | 368 | 370 | 355 | 348 | 333 | 330 | 322 | 308 | 308 |
| Asset Backed Securities | 116 | 114 | 114 | 116 | 116 | 118 | 115 | 111 | 110 |
| Other Debt Securities | 650 | 661 | 671 | 676 | 687 | 712 | 720 | 735 | 757 |
| Equity Securities | 9 | 10 | 4 | 4 | 3 | 3 | 1 | 1 | 1 |
| Total Securities | $\$ 3,61 \overline{5}$ | $\$ 3,632$ | $\$ 3,59 \overline{9}$ | $\$ 3,63 \overline{3}$ | $\$ 3,63 \overline{0}$ | $\$ 3,72 \overline{3}$ | $\$ 3,72 \overline{4}$ | $\$ 3,77 \overline{9}$ | $\$ 3,93 \overline{6}$ |

## Total Securities*

## September 30, 2019



## Total Securities*

September 30, 2019

|  | Held-to-Maturity |  | Available-for-Sale |  | Total Securities | Fair Value to Amortized Cost (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortized Cost | Fair Value to Amortized Cost (\%) | Fair Value | Fair Value to Amortized Cost (\%) |  |  |
| U.S. Government Obligations |  |  |  |  |  |  |
| U.S. Treasury | \$89,089 | 101.8 | \$534,104 | 100.5 | \$623,193 | 100.7 |
| U.S. Govt. Agy and Spon. Agy Obligations | S 22,079 | 100.9 | 109,179 | 100.6 | 131,258 | 100.6 |
| Mortgage Pass-Through Securities | 606,196 | 101.7 | 936,759 | 101.1 | 1,542,955 | 101.3 |
| Collateralized Mortgage Obligations | 111,176 | 101.6 | 351,209 | 100.9 | 462,385 | 101.1 |
| State, County, Municipal Obligations | 76,088 | 104.1 | 232,354 | 103.4 | 308,442 | 103.6 |
| Asset Backed Securities | 25,371 | 100.2 | 84,371 | 100.2 | 109,742 | 100.2 |
| Other Debt Securities | 169,178 | 102.1 | 587,601 | ** | 756,780 | ** |
| Equity Securities | ** | ** | 1,302 | ** | 1,302 | ** |
| Total Securities | \$1,099,178 | 101.9 | \$2,836,880 | 101.2 | \$3,936,058 | 101.4 |
| Memoranda*** |  |  |  |  |  |  |
| Structured Notes | 11,429 |  | 11,389 |  |  | 99.7 |

* Excludes trading account assets.
** Equity Securities are classified as 'Available-for-Sale'.
*** Structured notes are included in the 'Held-to-Maturity' or 'Available-for-Sale' accounts.
(Domestic and Foreign)



## Quarterly Change in Domestic Loans vs Domestic Deposits

2009-2019


## Quarterly Change in Domestic Deposits

```
2016-2019
```

\$ Billions


## Twelve-Month Growth Rates of Domestic Deposits

2016-2019


## Quarterly Change in Domestic and Foreign Deposits

2016-2019
\$ Billions


## Quarterly Change in C\&I Loans

2016-2019


## Quarterly Change in Commercial and Consumer Loans

2016-2019


[^1]
## Quarterly Change in Home Equity Loans



## Home Equity and Junior Lien Loans <br> 09-19



Expansion of Credit Card Lines
2016-2019


* Off-balance-sheet


# Number of Institutions With Construction Loan Concentrations 

 (Construction Loans Exceed Total Capital)2016-2019

Number


Median Construction and Development Loan Concentrations

2009-2019

Percent of Total Risk-Based Capital, by Lender Asset Size


## Quarterly Change in Reported Total Loans Outstanding

(\$ Billions)


Quarterly Change in Unused Loan Commitments
(\$ Billions)


In the third quarter of 2019, unused commercial real estate loan commitments increased by $\$ 8.8$ billion, unused home equity
line commitments decreased by $\$ 0.3$ billion, unused credit card commitments increased by $\$ 45.5$ billion, and other unused
commitments increased by $\$ 30.0$ billion.

# Credit Risk Diversification <br> Consumer Loans versus Loans to Commercial Borrowers (as a Percent of Total Loans) 



Loans to Commercial Borrowers (Credit Risk Concentrated) - These are loans that can have relatively large balances at risk to a single borrower. A single loan may represent a significant portion of an institution's capital or income. Therefore, a relatively small number of defaults could impair an institution's capital or income. These loans include commercial and industrial loans, nonfarm nonresidential loans, construction loans, and agricultural loans.
Consumer Loans (Credit Risk Diversified) - These are loans that typically have relatively small balances spread among a large number of borrowers. A number of defaults are likely but typically do not impair an institution's capital or income. These loans include consumer and credit card loans, 1-4 family residential mortgages and home equity loans.

# Quarterly Change in Mortgage Assets and All Other Interest-Earning Assets 

2009-2019



## Quarterly Net Charge-Offs and Change in Noncurrent Loans

2016-2019
\$ Billions


## Quarterly Net Charge-Offs vs. Loan Loss Provisions

```
2016-2019
```

\$ Billions


## Noncurrent Loan and Quarterly Net Charge-Off Rates <br> 2009-2019



# Noncurrent Rates on Loans Secured by 1-4 Family Residential Properties 

2016 to 2019


# Noncurrent Rate on Real Estate Construction and Development Loans 

2009-2019


## Composition of FDIC-Insured Institutions' Loan Charge-Offs

Third Quarter, 2019


Noncurrent Loan Rates
By Asset Size
2009-2019


Quarterly Net Charge-Off Rates
By Asset Size, Annualized
2009-2019


# Noncurrent C \& I Loan Rates <br> By Asset Size 



## Quarterly Net Charge-Off Rates on C \& I Loans

 By Asset Size

## Credit Quality of Residential Mortgage Loans* 2016 to 2019



Credit Quality of C \& I Loans 2016-2019


## Credit Card Loss Rates and Personal Bankruptcy Filings

## 2009-2019



# Number of Institutions By Asset Concentration Group 

## September 30, 2019

Agricultural Banks, 1,324 (25.2\%)

Credit Card Lenders, 12 (0.2\%)
International Banks, 5 (0.1\%)
All Other > \$1 Billion, 50 (1.0\%)
All Other < \$1 Billion, 434 (8.3\%)

Other Specialized < \$1 Billion, 217 (4.1\%)
Consumer Lenders, 68 (1.3\%)

Mortgage Lenders, 393 (7.5\%)

Commercial Lenders, 2,753 (52.4\%)


International Agricultural Credit Card Commercia
Banks Lenders Lenders

4,453
,346
1,389
1,429
1,479
1,515
1,532
1,537
1,545
1,559
$4 \quad 1,568$
4
-
1,568



# Industry Assets By Asset Concentration Group 

\$ Billions
September 30, 2019


Commercial Lenders, \$6,672 (36.1\%)

| International | Agricultural | Credit Card | Commercial | Mortgage | Consumer | Specializ | All Other | All O |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Banks | Banks | Lenders | Lenders | Lenders | Lenders | Specialized | < \$1 Billion | > \$1 |
|  |  |  |  |  |  | < \$1 Billion |  |  |


| 09/19 | 4,509 | 285 | 522 | 6,672 | 386 | 226 | 38 | 77 | 5,765 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12/18 | 4,286 | 287 | 652 | 6,374 | 346 | 218 | 37 | 76 | 5,668 |
| 12/17 | 4,196 | 283 | 563 | 6,026 | 349 | 271 | 47 | 89 | 5,592 |
| 12/16 | 4,053 | 285 | 519 | 5,628 | 332 | 256 | 51 | 98 | 5,559 |
| 12/15 | 3,775 | 278 | 549 | 5,892 | 385 | 187 | 57 | 114 | 4,730 |
| 12/14 | 3,736 | 273 | 484 | 4,878 | 440 | 176 | 62 | 129 | 5,375 |
| 12/13 | 3,700 | 262 | 591 | 4,921 | 487 | 162 | 63 | 138 | 4,407 |
| 12/12 | 3,808 | 240 | 601 | 4,339 | 628 | 102 | 65 | 146 | 4,522 |
| 12/11 | 3,456 | 216 | 539 | 4,086 | 825 | 97 | 56 | 139 | 4,477 |
| 12/10 | 3,038 | 200 | 705 | 4,095 | 789 | 114 | 43 | 132 | 4,203 |
| 12/09 | 3,107 | 182 | 502 | 4,547 | 810 | 96 | 38 | 116 | 3,689 |

## Performance Ratios By Asset Concentration Group Return on Assets (YTD)



Net Interest Margin (YTD)


Noninterest Income to Assets (YTD)
September 30, 2019


Note: See notes to users for Asset Concentration Group definitions.

## Performance Ratios By Asset Concentration Group Noninterest Expense to Assets (YTD)

September 30, 2019


Net Charge-Offs to Loans and Leases (YTD)
September 30, 2019


Note: See notes to users for Asset Concentration Group definitions.

## Condition Ratios By Asset Concentration Group

Loss Allowance to Loans and Leases


Noncurrent Assets Plus Other Real Estate Owned to Assets


## Core Capital (Leverage) Ratio

Percent


# Return on Average Assets By Asset Concentration Group 

 2009-2019, Annualized| Year to Date | International Banks | Agricultural Banks | Credit Card Lenders | Commercial Lenders | Mortgage Lenders | Consumer Lenders | Other Specialized < \$1 Billion | All Other < \$1 Billion | All Other > \$1 Billion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 09/19 | 1.24 | 1.36 | 3.30 | 1.21 | 1.20 | 1.43 | 3.32 | 1.19 | 1.34 |
| 09/18 | 1.22 | 1.35 | 2.83 | 1.27 | 1.12 | 1.46 | 3.82 | 1.16 | 1.39 |
| 09/17 | 0.97 | 1.24 | 2.09 | 1.06 | 1.01 | 1.15 | 2.99 | 0.96 | 1.12 |
| 09/16 | 0.90 | 1.24 | 2.30 | 0.99 | 0.98 | 1.01 | 2.57 | 0.96 | 1.07 |
| 09/15 | 0.88 | 0.91 | 2.91 | 0.99 | 0.74 | 1.12 | 2.60 | 0.50 | 1.08 |
| 09/14 | 0.81 | 1.20 | 3.20 | 0.97 | 0.86 | 1.10 | 2.08 | 0.89 | 0.97 |
| 09/13 | 0.83 | 1.19 | 3.26 | 0.91 | 0.98 | 1.28 | 1.74 | 0.87 | 1.10 |
| 09/12 | 0.83 | 1.30 | 3.14 | 0.91 | 0.82 | 1.62 | 1.25 | 1.01 | 1.01 |
| 09/11 | 0.81 | 1.14 | 3.62 | 0.71 | 0.60 | 1.75 | 1.80 | 0.92 | 0.89 |
| 09/10 | 0.79 | 1.03 | 1.47 | 0.28 | 0.70 | 1.42 | 1.58 | 0.71 | 0.74 |
| 09/09 | 0.00 | 0.91 | -6.25 | -0.23 | 0.47 | 0.22 | 0.64 | 0.79 | 0.62 |

# Net Interest Margin By Asset Concentration Group 

2009-2019, Annualized

| Year to Date | International Banks | Agricultural Banks | Credit Card Lenders | Commercial Lenders | Mortgage Lenders | Consumer Lenders | Other Specialized < \$1 Billion | All Other < \$1 Billion | All Other > \$1 Billion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 09/19 | 2.78 | 3.84 | 10.70 | 3.49 | 2.86 | 4.25 | 2.92 | 3.65 | 2.99 |
| 09/18 | 2.54 | 3.81 | 10.40 | 3.54 | 2.96 | 4.25 | 2.91 | 3.64 | 3.00 |
| 09/17 | 2.41 | 3.71 | 10.91 | 3.42 | 2.84 | 3.57 | 2.74 | 3.46 | 2.91 |
| 09/16 | 2.35 | 3.69 | 10.24 | 3.28 | 2.77 | 3.63 | 2.65 | 3.58 | 2.79 |
| 09/15 | 2.25 | 3.62 | 9.54 | 3.27 | 2.54 | 3.61 | 2.65 | 3.46 | 2.75 |
| 09/14 | 2.41 | 3.63 | 9.43 | 3.44 | 2.73 | 3.47 | 2.74 | 3.49 | 2.57 |
| 09/13 | 2.41 | 3.59 | 9.39 | 3.54 | 3.03 | 3.22 | 2.55 | 3.48 | 2.77 |
| 09/12 | 2.65 | 3.78 | 9.74 | 3.74 | 2.75 | 4.29 | 2.78 | 3.62 | 3.07 |
| 09/11 | 2.83 | 3.87 | 10.59 | 3.80 | 3.05 | 4.54 | 3.00 | 3.71 | 3.18 |
| 09/10 | 2.72 | 3.94 | 12.52 | 3.75 | 3.05 | 4.52 | 2.79 | 3.71 | 3.31 |
| 09/09 | 2.94 | 3.92 | 10.23 | 3.47 | 3.22 | 4.12 | 2.77 | 3.77 | 2.99 |

# Net Charge-Offs as a Percent of Average Loans and Leases By Asset Concentration Group 

2009-2019, Annualized

| $\begin{aligned} & \text { Year } \\ & \text { to } \\ & \text { Date } \end{aligned}$ | International Banks | Agricultural Banks | Credit Card Lenders | Commercial Lenders | Mortgage Lenders | Consumer Lenders | Other Specialized < \$1 Billion | All Other < \$1 Billion | All Other > \$1 Billion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 09/19 | 0.71 | 0.15 | 4.19 | 0.20 | 0.02 | 0.79 | 0.12 | 0.12 | 0.38 |
| 09/18 | 0.50 | 0.13 | 3.90 | 0.17 | 0.01 | 0.74 | 0.15 | 0.13 | 0.38 |
| 09/17 | 0.56 | 0.14 | 3.90 | 0.21 | 0.09 | 0.60 | 0.19 | 0.14 | 0.39 |
| 09/16 | 0.53 | 0.11 | 3.21 | 0.20 | 0.05 | 0.65 | 0.16 | 0.18 | 0.42 |
| 09/15 | 0.56 | 0.08 | 2.72 | 0.19 | 0.13 | 0.58 | 0.18 | 0.17 | 0.38 |
| 09/14 | 0.73 | 0.09 | 2.86 | 0.26 | 0.19 | 0.62 | 0.24 | 0.23 | 0.29 |
| 09/13 | 1.03 | 0.11 | 3.21 | 0.44 | 0.37 | 0.77 | 0.61 | 0.32 | 0.51 |
| 09/12 | 1.53 | 0.22 | 3.81 | 0.75 | 0.78 | 1.44 | 0.33 | 0.42 | 0.98 |
| 09/11 | 2.07 | 0.36 | 5.58 | 1.21 | 0.90 | 1.78 | 0.48 | 0.50 | 1.30 |
| 09/10 | 2.27 | 0.53 | 11.94 | 1.89 | 1.22 | 2.20 | 0.81 | 0.51 | 1.96 |
| 09/09 | 2.90 | 0.52 | 9.93 | 1.77 | 1.26 | 2.64 | 0.81 | 0.46 | 2.31 |

## Percent of Loans Noncurrent By Asset Concentration Group

2009-2019

|  | International Banks | Agricultural Banks | Credit Card Lenders | Commercial Lenders | Mortgage Lenders | Consumer Lenders | Other Specialized < \$1 Billion | All Other < \$1 Billion | All Other > \$1 Billion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 09/19 | 0.87 | 1.08 | 1.61 | 0.77 | 1.89 | 0.67 | 1.23 | 0.95 | 1.01 |
| 12/18 | 0.93 | 1.06 | 1.54 | 0.78 | 2.07 | 0.68 | 1.28 | 1.01 | 1.17 |
| 12/17 | 1.27 | 0.97 | 1.54 | 0.86 | 2.71 | 0.49 | 1.35 | 1.10 | 1.56 |
| 12/16 | 1.57 | 0.97 | 1.42 | 1.05 | 2.97 | 0.94 | 1.46 | 1.20 | 1.80 |
| 12/15 | 1.81 | 0.80 | 1.17 | 1.13 | 2.65 | 1.26 | 1.46 | 1.44 | 2.18 |
| 12/14 | 2.31 | 0.95 | 1.10 | 1.32 | 2.98 | 1.56 | 1.64 | 1.76 | 2.71 |
| 12/13 | 2.73 | 1.09 | 1.17 | 1.91 | 3.01 | 1.66 | 1.83 | 1.83 | 4.14 |
| 12/12 | 3.82 | 1.27 | 1.39 | 2.54 | 3.82 | 1.17 | 2.43 | 2.08 | 5.49 |
| 12/11 | 4.22 | 1.70 | 1.71 | 3.54 | 3.89 | 1.67 | 2.59 | 2.13 | 5.81 |
| 12/10 | 6.30 | 1.85 | 2.20 | 4.32 | 4.23 | 1.43 | 2.10 | 2.16 | 6.18 |
| 12/09 | 7.39 | 1.84 | 3.36 | 4.71 | 4.63 | 1.74 | 1.91 | 1.77 | 6.59 |

# Core Capital as a Percent of Total Assets By Asset Concentration Group 

```
2009-2019
```

| International <br> Banks | Agricultural <br> Banks | Credit Card <br> Lenders | Commercial <br> Lenders | Mortgage <br> Lenders | Consumer <br> Lenders | Other <br> Specialized <br> < \$1 Billion | All Other <br> < \$1 Billion | All Other <br> $\mathbf{~ \$ ~}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{\$ 1 ~ B i l l i o n ~}$ |  |  |  |  |  |  |  |  |

## Number of Institutions By Asset Size

## September 30, 2019



## Industry Assets By Asset Size

September 30, 2019 (\$ Billions)


## Performance Ratios By Asset Size <br> Return on Assets (YTD)



Net Interest Margin (YTD)


Noninterest Income to Assets (YTD)

Percent, Annualized
September 30, 2019


## Performance Ratios By Asset Size Noninterest Expense to Assets (YTD)

September 30, 2019


Net Charge-Offs to Loans and Leases (YTD)
September 30, 2019


## Condition Ratios By Asset Size

Loss Allowance to Loans and Leases


Noncurrent Assets Plus Other Real Estate Owned to Assets


## Core Capital (Leverage) Ratio



## Geographic Distribution of FDIC-Insured Institutions

September 30, 2019


## Geographic Distribution of Industry Assets

September 30, 2019
(\$ Billions)


Note: Region is based on location of main office.
See notes to users for Geographic Region definitions.

## Performance Ratios By Geographic Regions

Return on Assets (YTD, Annualized)


Net Interest Margins (YTD, Annualized)


Noninterest Income to Assets (YTD, Annualized)

Percent
September 30, 2019


Note: Region is based on location of main office.
Note: See notes to users for Geographic Region definitions.

# Performance Ratios By Geographic Region 

Noninterest Expense to Assets (YTD, Annualized)
September 30, 2019


Net Charge-Offs to Loans and Leases (YTD, Annualized)
September 30, 2019


Note: Region is based on location of main office.
Note: See notes to users for Geographic Region definition.

## Condition Ratios By Geographic Regions

Loss Allowance to Loans and Leases


Core Capital (Leverage) Ratio


Note: Region is based on location of main office.
Note: See notes to users for Geographic Region definitions.

## Deposit Insurance Fund Reserve Ratios

## March 31, 2016 - September 30, 2019

Percent of Insured Deposits


Note: Includes insured branches of foreign banks. 2019 fund balances are unaudited. Insured deposits for prior periods may reflect adjustments.

## U.S. Treasury Yield Curves

September 30, 2018 - September 30, 2019


## Capital Category Distribution

September 30, 2019
DIF-Member Institutions

Well Capitalized
Adequately Capitalized
Undercapitalized
Significantly Undercapitalized
Critically Undercapitalized

| Institutions |  |
| ---: | ---: |
| Number <br> of | Percent of <br> Total |
| 5,241 | $99.7 \%$ |
| 4 | $0.1 \%$ |
| 4 | $0.1 \%$ |
| 6 | $0.1 \%$ |
| 1 | $0.0 \%$ |


| Assets |  |
| :---: | :---: |
| In <br> Billions | Percent of <br> Total |
| $\$ 18,478.4$ | $100.0 \%$ |
| $\$ 0.7$ | $0.0 \%$ |
| $\$ 0.4$ | $0.0 \%$ |
| $\$ 0.6$ | $0.0 \%$ |
| $\$ 0.0$ | $0.0 \%$ |

## Capital Category Definitions

|  | Total <br> Risk-Based <br> Capital $^{*}$ | Tier 1 <br> Risk-Based <br> Capital $^{*}$ | Common <br> Equity Tier 1 <br> Capital* | Tier 1 <br> Leverage* $^{*}$ | Tangible <br> Equity |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Well Capitalized | $>=10 \%$ | and | $>=8 \%$ | and | $>=6.5 \%$ | and | $>=5 \%$ |

## Off－Balance Sheet Derivatives

## 2015－2019（Notional Amounts）

| \＄Trillions |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 200 |  |  |  |  |  |  |  |
| 180 |  |  |  |  |  |  |  |
| 160 |  |  |  |  |  |  |  |
| 140 |  |  |  |  |  |  |  |
| $120 \text { Swaps }$ |  |  |  |  |  |  |  |
| 100 |  |  |  |  |  |  |  |
| $80$ <br> Options Contra |  |  |  |  |  |  |  |
| $60^{-}$ |  |  |  |  |  |  |  |
| $40$ |  |  |  |  |  |  |  |
| $20^{-}$Futures and Forward Contracts |  |  |  |  |  |  |  |
| $0 \pm$ ¢ 」 」 」 | 1 | 1 － | 1 | － | － | $\downarrow$－ | $\downarrow$ |
| 20152016 |  | 2017 |  |  | 18 |  | 2019 |
|  | 12／15 | 12／16 | 12／17 | 12／18 | 3／19 | 6／19 | 9／19 |
| Total Derivatives <br> （Notional Amounts，in billions of dollars） | \＄173，972 | \＄159，958 | \＄167，787 | \＄172，083 | \＄197，137 | \＄200，800 | \＄196，959 |
| Futures and Forward Contracts | 35，691 | 34，201 | 34，162 | 36，144 | 46，165 | 46，207 | 46，958 |
| Interest rate contracts | 20，979 | 20，313 | 19，454 | 16，718 | 24，327 | 23，125 | 23，216 |
| Foreign exchange rate contracts | 14，482 | 13，564 | 14，300 | 19，025 | 21，410 | 22，636 | 23，244 |
| Other futures and forwards＊ | 230 | 324 | 407 | 401 | 428 | 445 | 497 |
| Option Contracts | 30，889 | 29，373 | 38，841 | 38，009 | 44，138 | 43，688 | 41，066 |
| Interest rate options | 23，660 | 22，211 | 31，933 | 29，477 | 34，604 | 34，454 | 32，125 |
| Foreign currency options | 5，217 | 5，097 | 4，449 | 5，716 | 6，466 | 6，064 | 5，584 |
| Other option contracts＊ | 2，012 | 2，065 | 2，458 | 2，816 | 3，068 | 3，170 | 3，357 |
| Swaps | 107，392 | 96，384 | 94，784 | 97，930 | 106，833 | 110，905 | 108，935 |
| Interest rate swaps | 93，731 | 81，964 | 79，029 | 81，978 | 90，252 | 94，272 | 91，738 |
| Foreign exchange rate swaps | 12，401 | 13，076 | 14，153 | 14，480 | 15，025 | 15，043 | 15，554 |
| Other swaps＊ | 1，261 | 1，344 | 1，602 | 1，472 | 1，556 | 1，590 | 1，643 |
| Memoranda |  |  |  |  |  |  |  |
| Spot Foreign Exchange Contracts | 1，034 | 1，540 | 1，519 | 1，727 | 2，670 | 2，372 | 2，284 |
| Credit Derivatives | 6，986 | 5，293 | 4，186 | 4，270 | 4，145 | 4，074 | 4，183 |
| Number of banks reporting derivatives | 1，200 | 1，222 | 1，165 | 1，122 | 1，131 | 1，151 | 1，151 |
| Replacement cost of interest rate and foreign exchange rate contracts＊＊ | 2，681 | 2，650 | 1，613 | 1，518 | 1，574 | 1，785 | 2，069 |

[^2]
# Concentration of Derivatives* 

Notional Amounts
September 30, 2019


All Other Participants (1325 Banks) \$5.2 Trillion (3\%)

## Composition of Derivatives*

## Notional Amounts

September 30, 2019


Foreign Exchange Contracts \$44.4 Trillion (23\%)
Commodity \& Other Contracts Equity Derivative Contracts
\$1.7 Trillion (1\%) \$3.8 Trillion (2\%)
*Amounts do not represent either the net market position or the credit exposure of banks' derivative activities. They represent the gross value of all contracts written. Spot foreign exchange contracts of $\$ 2,180$ billion for the seven largest participants and $\$ 104$ billion for all others are not included.

Purpose of Derivatives*
Held for Trading
Notional Amounts
September 30, 2019


## Not Held for Trading Notional Amounts

September 30, 2019


## Position of Derivatives

## Gross Fair Values

September 30, 2019
(\$ Millions)
Held for Trading
174 Banks Held Derivative Contracts for Trading
7 Largest Participants Held 98\% of Total (Notional Amount)
(Marked to Market)

## Seven Largest Participants

Gross positive fair value
Gross negative fair value

| Exchange | Derivatives | \& Other | Total |
| :--- | :--- | :--- | :---: |
|  |  |  |  |
| 486,362 | 113,347 | 44,665 | $2,154,879$ |
| 486,081 | 111,354 | 48,819 | $2,112,469$ |

42,410
$1,466,215$
10,537 1,806

1,983
2,752
2,661

| $1,537,543$ | 496,899 |
| :--- | :--- |
| $1,479,538$ | 496,155 |

115,153
113,336

47,417
2,197,012
2,140,508

42,133
28,040

1,738 7,006

35,188
37,182

## Composition of Securitized Assets*

## FDIC-Insured Institutions

September 30, 2019


* Assets securitized and sold with servicing retained or with recourse or
other seller-provided credit


## Assets of Mutual and Stock <br> Savings Institutions



Number of Mutual and Stock
Savings Institutions


## Quarterly Return on Assets (ROA), Annualized Mutual and Stock Savings Institutions

2009-2019
ROA \%


Quarterly Return on Equity (ROE), Annualized Mutual and Stock Savings Institutions

2009-2019



[^0]:    * Other borrowed funds include federal funds purchased, securities sold under agreement to repurchase, FHLB and FRB borrowings and indebtedness.

[^1]:    Loans to Commercial Borrowers (Credit Risk Diversified) - These are loans that can have relatively large balances at risk to a single borrower. A single loan may represent a significant portion of an institution's capital or income. Therefore, a relatively small number of defaults could impair an institution's capital or income. These loans include commercial and industrial loans, nonfarm nonresidential loans, construction loans, and agricultural loans.
    Consumer Loans (Credit Risk Diversified) - These are loans that typically have relatively small balances spread among a large number of borrowers. A number of defaults are likely but typically do not impair an institution's capital or income. These loans include consumer and credit card loans, 1-4 family residential mortgages and home equity loans.

[^2]:    ＊Not reported by banks with less than $\$ 300$ million in assets．
    ＊＊Reflects replacement cost of interest rate and foreign exchange contracts covered by risk－based－capital requirements． Does not include foreign exchange rate contracts with an original maturity of 14 days or less or futures contracts．

