



# First Glance 12L (3Q15)



Financial Performance of Banks in the 12th Federal Reserve District (“12L”)

## ***Banking Conditions Improved Despite Slowdown Abroad***

*November 23, 2015*

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This report is based upon preliminary data from 3Q2015 and prior Condition & Income Reports as well as other examination and economic sources. Data has been prepared primarily for bank supervisors and bankers. The opinions expressed in this publication are those of the authors. Opinions are intended only for informational purposes, and are not formal opinions of, nor binding on, the Federal Reserve Bank of San Francisco or the Board of Governors of the Federal Reserve System.

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# Table of Contents

Highlights:	12 <sup>th</sup> District Overview and Hot Topics	3 – 6
Section 1:	Economic Conditions <i>District Remained Strong; Some Slowing Abroad</i>	7 – 15
Section 2:	Commercial Bank Performance	16
	Earnings <i>Overhead Ratio Declines Led Improvement; Margins Still Weak</i>	17 – 22
	Provisions and Loan Loss Reserves <i>Half of Banks Still Reported No or Negative Provisions</i>	23 – 24
	Loan Growth and Underwriting <i>Growth Outpaced the Nation; Signs of Modest Tightening in Pockets</i>	25 – 29
	Credit Quality <i>Delinquencies and Losses Very Low; Drought Impacts Limited</i>	30 – 34
	Liquidity and Interest Rate Risk <i>Non-Maturity Deposit Reliance Increased; Assets Lengthened Further</i>	35 – 39
	Capital <i>Still Strong with Modest Slippage Among Risk-Based Measures</i>	40
Section 3:	Commercial Bank Regulatory Ratings and Trends	41 – 45
Appendix 1/2:	Summary of Institutions / Technical Information	46 – 47

# 12<sup>th</sup> District Overview

## “Banking Conditions Improved Despite Slowdown Abroad”

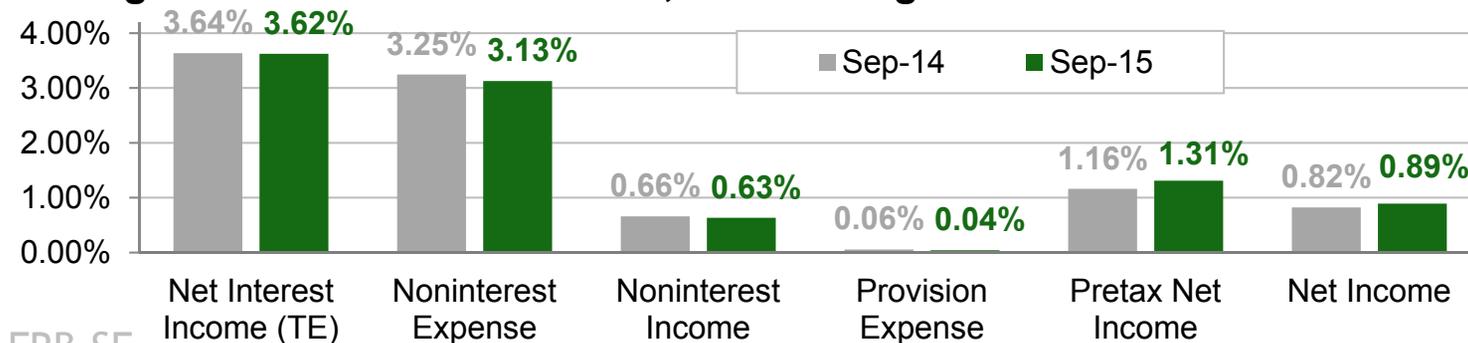
12<sup>th</sup> District year-over-year job growth continued at a healthy clip of nearly 3.0%, outpacing the national rate of 2.0%. As a result, the District’s aggregate unemployment rate improved to 5.7% by September 2015, down from a year-earlier figure of 6.8%, but still above a nationwide rate of 5.1%. State-level joblessness lingered above 6.0% in Nevada, Alaska, Arizona, and Oregon, worsening recently in the latter two states (see table at right). California and Washington reported unemployment rates towards the middle of the pack with California’s unemployment rate dipping below 6.0% for the first time since November 2011. Jobless rates in Idaho and Utah were low but may have bottomed out, and remained low and declining in Hawaii.

Demand for residential and commercial real estate remained strong. Home prices increased in the upper-single digits year-over-year in most District states. Appreciation rates accelerated in the Pacific Northwest and Mountain states especially. Price traction stimulated additional residential construction. Commercial real estate (CRE) vacancies and rents remained stable-to-improving. Foreign capital and ample credit availability kept capitalization rates low and buoyed commercial property values. Still, current and expected commercial construction could weigh on vacancies and/or rents in some sectors and markets.

Global trade challenges continued in the third quarter. Economic weakness abroad and dollar strength vis-à-vis trade partners’ currencies weighed mildly on net exports and trimmed 3 basis points from third quarter growth in gross domestic product (seasonally-adjusted annual rate). During the third quarter, the aggregate value of 12<sup>th</sup> District exports declined 2.5% year-over-year.

Seasonally-Adjusted Unemployment Rate (%)	
	1-Year Sep-15
NV	6.7
AK	6.4
AZ	6.3
OR	6.2
CA	5.9
WA	5.2
ID	4.2
UT	3.6
HI	3.4
<b>Nation</b>	<b>5.1</b>

### Average\* Year-to-Date Annualized, % of Average Assets - 12<sup>th</sup> District

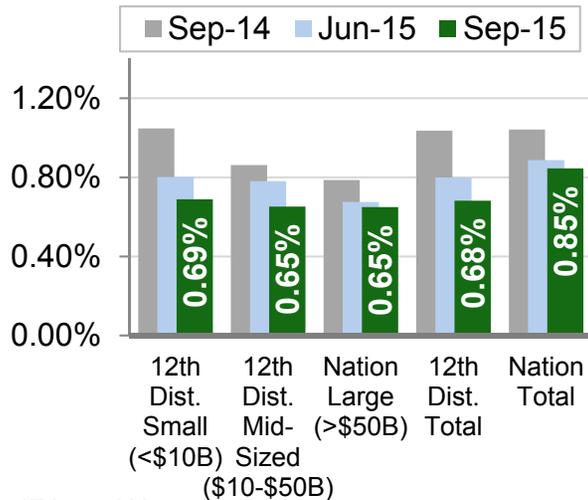


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\*Trimmed Means

# 12<sup>th</sup> District Overview, Continued

## Average\* Nonperforming Assets / Total Assets (%)



\*Trimmed Means

Bank earnings performance strengthened modestly. The District's average year-to-date annualized return on average assets (ROAA) increased to 0.89%, up 6 basis points year-over-year, led by continued declines in overhead ratios and historically low provision expenses (see chart, prior page). On a quarterly basis, the average net interest margin dipped 2 basis points after having a small seasonal lift in second quarter.

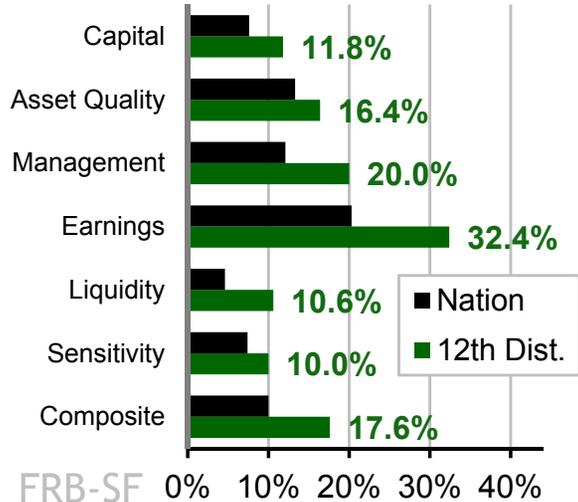
Loan growth and performance indicators continued to improve. The average 1-year net loan growth rate accelerated to 12.3% districtwide, with each of the District's states exceeding a national average growth rate of 7.2%. As with prior quarters, construction and land development (C&LD) and multifamily were often the fastest-growing credit segments at community banks, but larger loan categories (such as nonfarm-nonresidential and commercial and industrial) accounted for most loan growth in dollar terms. Meanwhile, the level of problem loans compared favorably to the nation (see chart at left) and credit losses were at historically low levels.

According to the Federal Reserve's October 2015 Senior Loan Officer Survey, a small net fraction of lenders tightened standards modestly across commercial-related loan categories during the quarter. There was a notable shift in standards among commercial and industrial (C&I) loans to mid- to large-sized firms. For those borrowers, lenders reported some tightening of premiums on riskier loans, primarily in response to a less favorable economic outlook, industry-specific problems, and/or decreased liquidity in the secondary market. However, C&I loan size, maturity, pricing, and collateral requirements were somewhat looser on net.

Banks remained somewhat vulnerable to rising short-term interest rates, in particular if accompanied by a flattening yield curve. Compared with the last rate tightening cycle (2004-2006), banks reported higher exposures to longer-dated loans and securities, potentially delaying asset repricing. Meanwhile, non-maturity deposits remained elevated. Although this funding source was relatively cheap, depositors in these categories may disintermediate or shift to pricier time deposit products as rates rise.

Safety and soundness and consumer compliance ratings trends reflected the overall improvement in bank financial performance. Roughly 82% of District banks were rated satisfactory or strong for safety and soundness (see chart at left); 97% or more were rated satisfactory or better for consumer compliance and/or community reinvestment.

## % of Banks with Component or Composite Rating 3, 4, 5



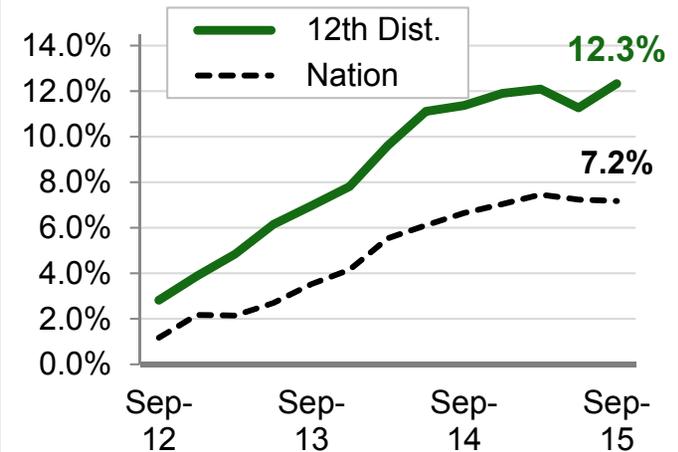
FRB-SF 0% 10% 20% 30% 40%

# Hot Topics: Areas We are Monitoring Most Closely

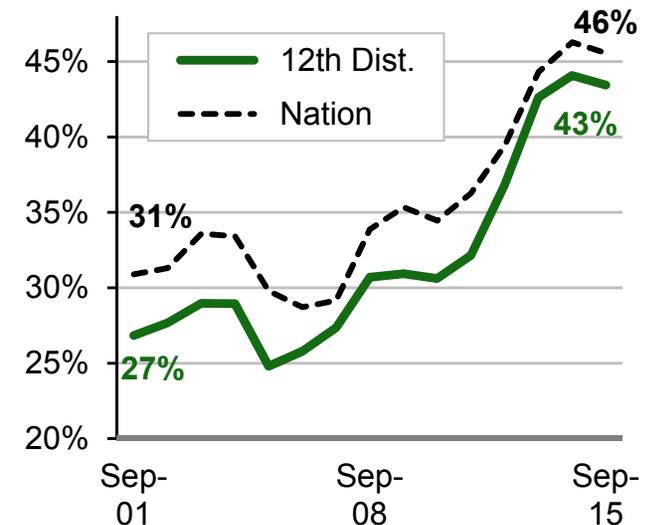
The following have been identified as areas of High or Elevated concern among 12<sup>th</sup> District-based, Federal Reserve-supervised institutions:

- **Cyberthreats.** Attacks continue to evolve in both complexity and frequency and expose institutions to operational, reputational, legal, and compliance risks. For institutions outsourcing core banking operations and/or security administration, vendor management programs remain critical to managing and mitigating cyberthreats. Inherent risks increase with system complexity.
- **Bank Secrecy Act (BSA)/Anti-Money Laundering (AML) compliance.** Although most banks in the District have satisfactory BSA compliance programs, the District's geographic, demographic, and political characteristics, coupled with the institutional mix, continue to make BSA/AML a significant "hot topic". BSA/AML-related criticisms noted at bank examinations most often relate to internal controls (e.g., institutional risk assessments, customer due diligence—including customer risk assessments, and suspicious activity monitoring programs). Concerns related to scarce compliance resources and ineffective independent tests are also emerging as examination themes.
- **Quality of loan growth.** The District's average annual net loan growth has outpaced the nation's for several years (see chart at right). While the expanding economy has likely fueled much of the growth, various banker surveys suggest some relaxation of underwriting standards and potentially aggressive loan pricing. Prior credit cycles have proven that the worst loans are underwritten during the best economic times.
- **Lengthening asset maturities.** In part because of the steep yield curve, institutions have increased their holdings of longer-dated assets over the past few years (see chart at right). In a rising interest rate environment, higher concentrations in longer-dated assets could delay asset repricing and margin expansion and/or lead to mismatches in rate-sensitive assets and liabilities if not appropriately managed.

**Avg. Year-Over-Year Net Loan Growth (%)\***



**Avg. Loans & Securities Repricing > 3 Yrs. / Assets\***



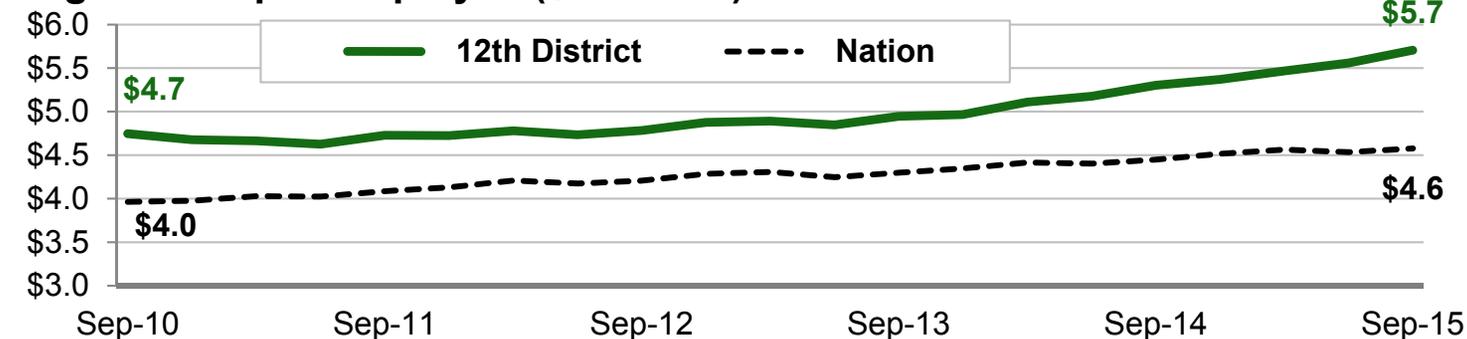
\*Trimmed means.

# Hot Topics: Areas We are Monitoring Most Closely

Additionally, these areas pose “Moderate” but increasing concern:

- *Nonmaturity Deposit (NMD) reliance.* NMDs (traditionally viewed as “core” deposits) have become an increasingly important source of funding for most institutions. While these products have proven inexpensive in the current low-rate environment, there is a concern that a significant amount of these funds may disintermediate or transition to higher-cost deposit products in a rising interest rate environment. During the last rate tightening cycle (2004-2006), the mix of bank funding shifted away from NMDs and towards higher-cost time deposits and borrowings.
- *Overhead expense ratios.* Asset growth has led to some economies of scale and improved efficiency ratios have helped boost profitability. Still, some banks may not be devoting resources to back-office operations, internal controls, and compliance programs commensurate with their increasing size and complexity (see chart below).
- *Commercial real estate (CRE) lending concentrations.* Concentrations of CRE loans (i.e., nonfarm-nonresidential, multifamily, construction, and CRE-purpose loans) relative to capital have declined from pre-crisis peaks, especially for construction and land development (C&LD) credits. Nonetheless, average concentrations in most District states exceeded the nation’s and growth in some CRE-related categories, such as multifamily, have been relatively strong in some parts of the District (see table at right). During the Financial Crisis, high CRE exposures, especially C&LD, led to severe credit problems and bank failures. The increasing pipeline of new commercial construction and rising interest rates may hamper debt service coverage ratios on variable-rate commercial mortgages, and pressure capitalization rates.

## Avg. Assets per Employee (\$ Millions)\*



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## Avg. Multifamily Loans/ Total Capital (%)\*

	5-Years	Sep-15
AK	~10%	9.2
AZ	~15%	17.5
CA	~25%	33.5
HI	~20%	26.7
ID	~10%	10.7
NV**	~15%	17.4
OR	~25%	37.1
UT	~10%	9.5
WA	~20%	32.0
<b>Nation</b>	~10%	<b>12.1</b>

\*Trimmed Means; \*\*excludes credit card and zero-loan banks.

# Section 1 - Economic Conditions

## Fundamentals:

Job Growth

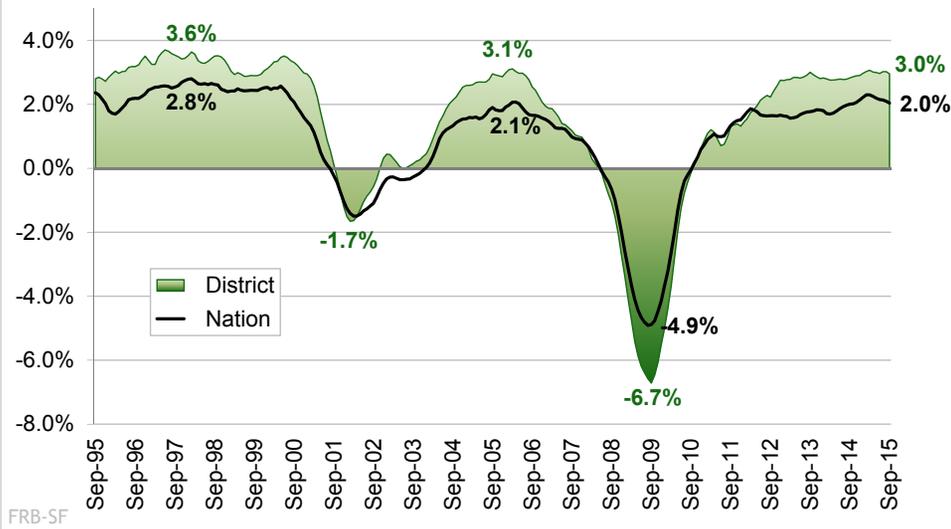
Housing Market Metrics

Commercial Real Estate Market Conditions

Global Developments & Currencies

## District Job Growth Held at a Steady, Strong Pace

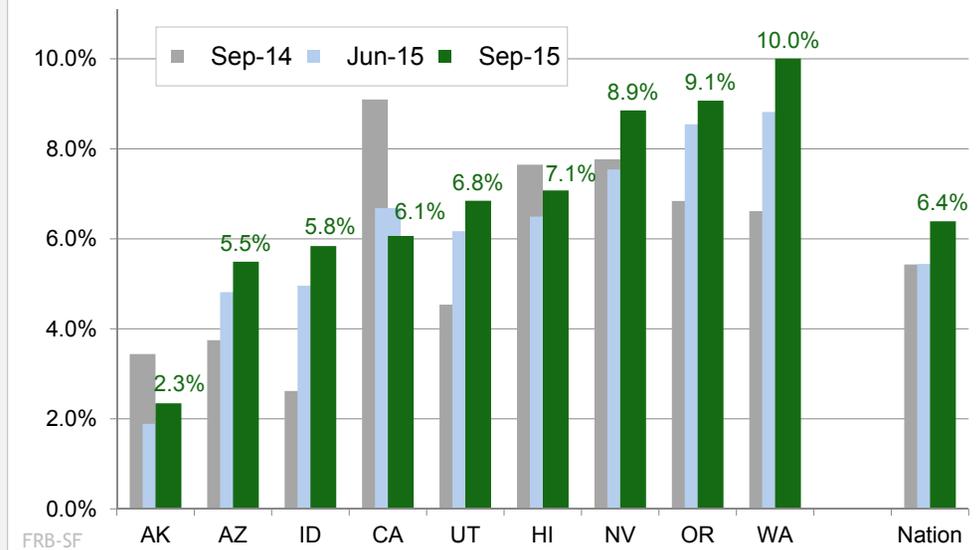
### Year-Over-Year Nonfarm Job Growth



Based on average nonfarm payroll levels over trailing three months; Source: Bureau of Labor Statistics via Haver Analytics.

## Home Price Appreciation Accelerated in the Pacific Northwest and Mountain States, but Slowed in California

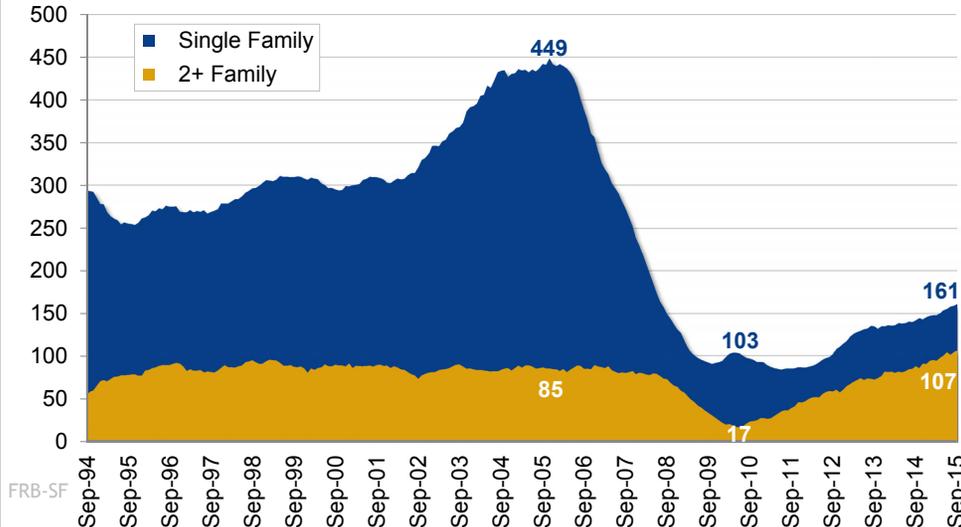
### Year-Over-Year % Change in Home Prices



Source: Core Logic (for market level data maps, see <http://www.newyorkfed.org/home-price-index/>)

## Housing Starts in the West Climbed Higher, but Single-Family Construction Remained Well Below Historical Average

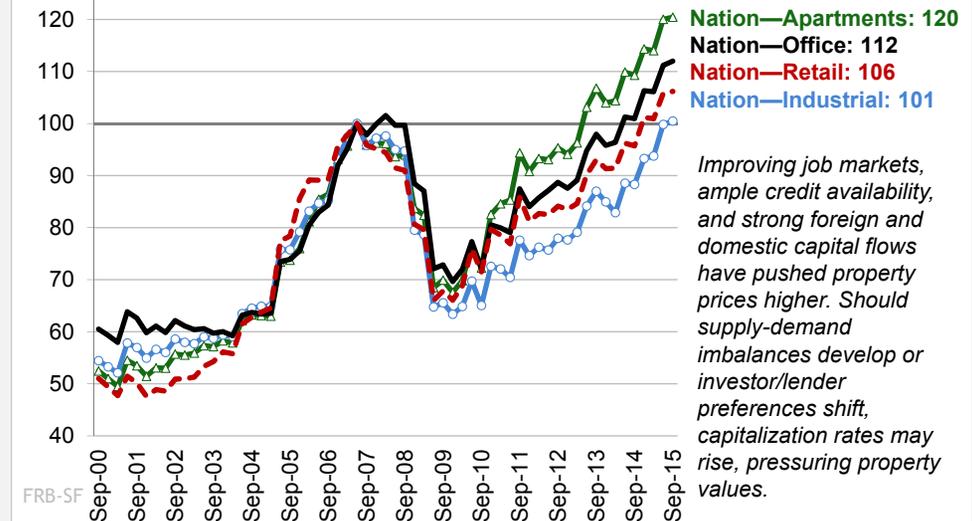
### Average Trailing 12-Mo. Housing Starts - West (Thousands Of Units, SAAR)



SAAR=seasonally adjusted annual rate; West=12<sup>th</sup> District plus CO, MT, NM, and WY; Source: Census Bureau via Haver Analytics

## Commercial Real Estate Prices Fully Recovered to Pre-Crisis Peaks; Apartment Resurgence Especially Strong

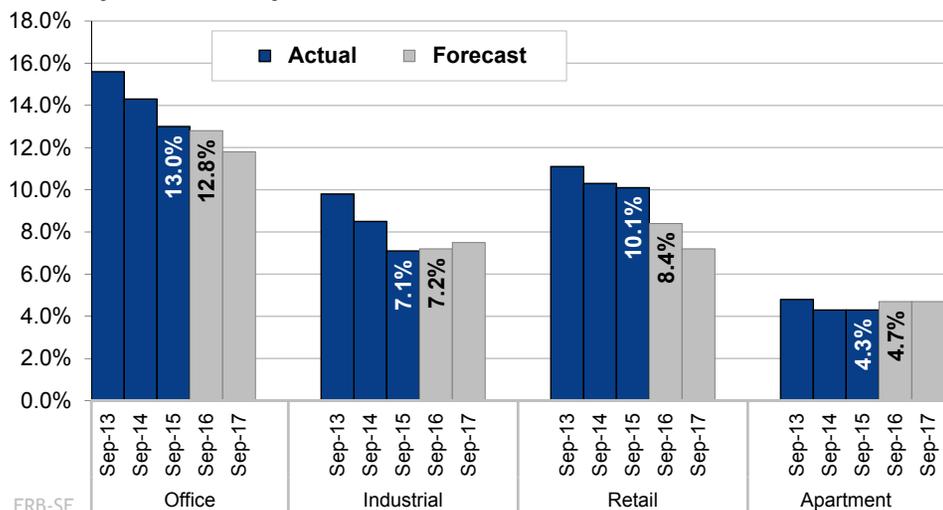
### Commercial Real Estate Prices (Indexed, 2Q 2007 = 100)



Underlying properties are institutionally held, mainly investment-grade; Source: NCREIF CRE Transaction-Based Price Indices

## According to Third-Party Forecasts, Vacancy Rates May Drift Higher in Apartment and Industrial Properties

### Vacancy or Availability Rate – 12<sup>th</sup> District

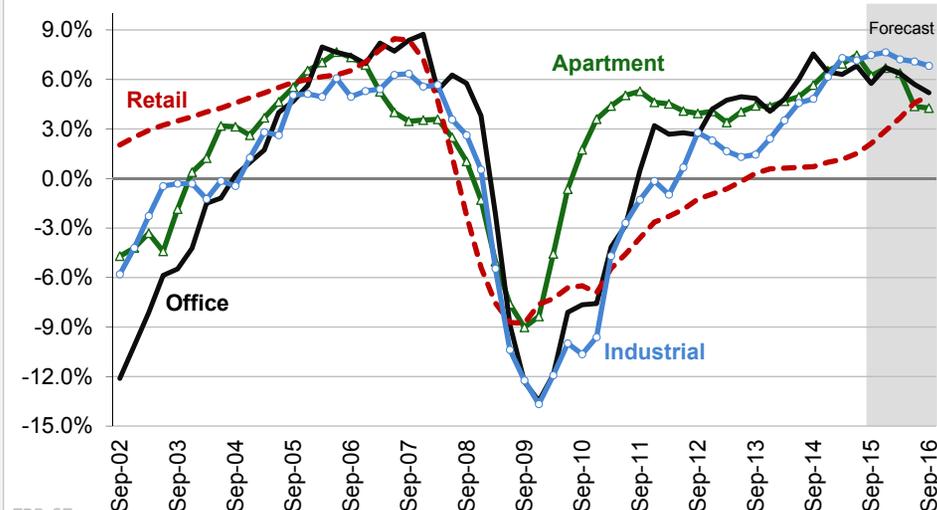


Based on aggregates across 15–16 large metropolitan areas; apartment data based upon number of units; other property types based upon square footage; Source: CBRE–Econometric Advisors

12

## Third-Party Forecasts Suggest Rent Growth in the District's Major Markets May Moderate for All But Retail Properties

### Average Annual Rent Growth – 12<sup>th</sup> District

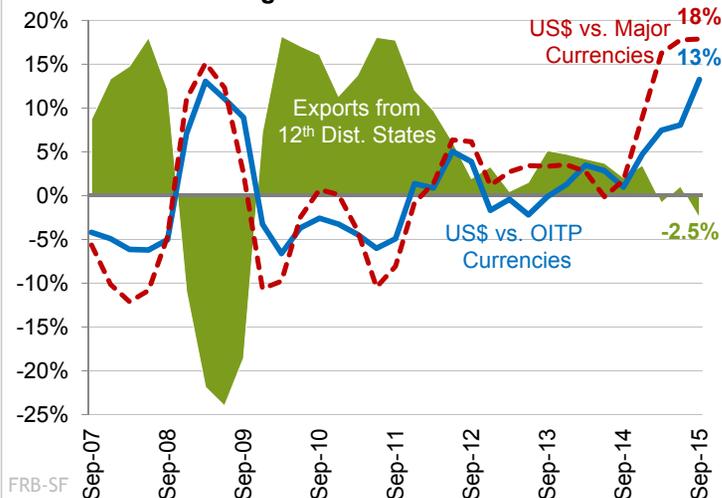


Annual 12 month rolling rent average across 15–16 large metropolitan areas; Source: CBRE–Econometric Advisors

13

## 12<sup>th</sup> District Export Volumes Dipped in Response to a Continued Strong U.S. Dollar and Economic Slowing Abroad

### Year-Over-Year Change



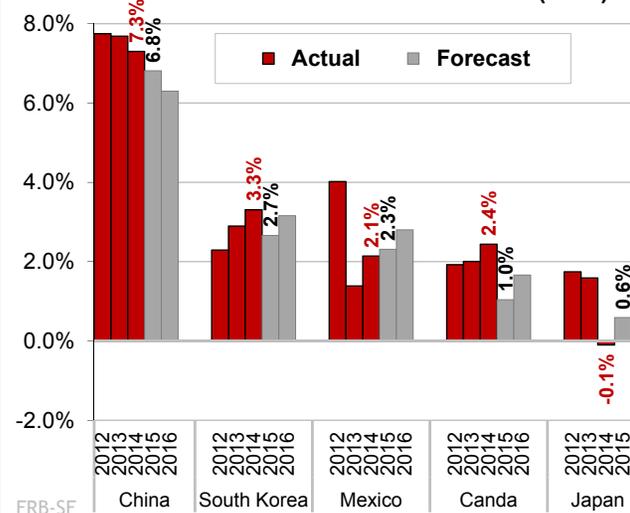
Export Activity by State		
State	Exports/GSP (2014)	Yr/Yr % Change in Exports (3Q15)
AK	9.0%	-8.0%
AZ	7.4%	6.3%
CA	7.4%	-3.6%
HI	1.9%	85.6%
ID	8.0%	-11.1%
NV	5.8%	16.5%
OR	9.7%	-6.7%
UT	8.6%	12.4%
WA	21.2%	-5.6%
<b>Nation</b>	<b>9.3%</b>	<b>-7.9%</b>

Major: Euro Area, Canada, Japan, United Kingdom, Switzerland, Australia, and Sweden; OITP (Other Important Trading Partners): Mexico, China, Taiwan, Korea, Singapore, Hong Kong, Malaysia, Brazil, Thailand, Philippines, Indonesia, India, Israel, Saudi Arabia, Russia, Argentina, Venezuela, Chile and Colombia; export data based on origin of movement series; GSP =Gross State Product; Sources: Bureau of Economic Analysis, Census Bureau, Federal Reserve, and WISER Trade via Haver Analytics

14

## Economic Slowing or Weakness Among Several Key Trade Partners Has Weighed on 12<sup>th</sup> District Export Activity

### Annual Growth in Gross Domestic Product (GDP)



Top 5 12 <sup>th</sup> District Trade Partners		
Country	Share of 12 <sup>th</sup> Dist. Imports	Share of 12 <sup>th</sup> Dist. Exports
China	31%	14%
S. Korea	10%	11%
Canada	10%	11%
Japan	10%	7%
Mexico	4%	4%

GDP figures based on constant prices. Data for 2015 and 2016 are projections by International Monetary Fund; trade shares are based on 2014 figures; Sources: International Monetary Fund: World Economic Outlook Database (October 2015), US Census Bureau: U.S. International Trade in Goods and Services

15

# Section 2

## Commercial Bank Performance

Earnings

Provisions and Loan Loss Reserves

Loan Growth and Underwriting

Credit Quality

Drought Risk and Impacts

Liquidity and Interest Rate Risk

Capital

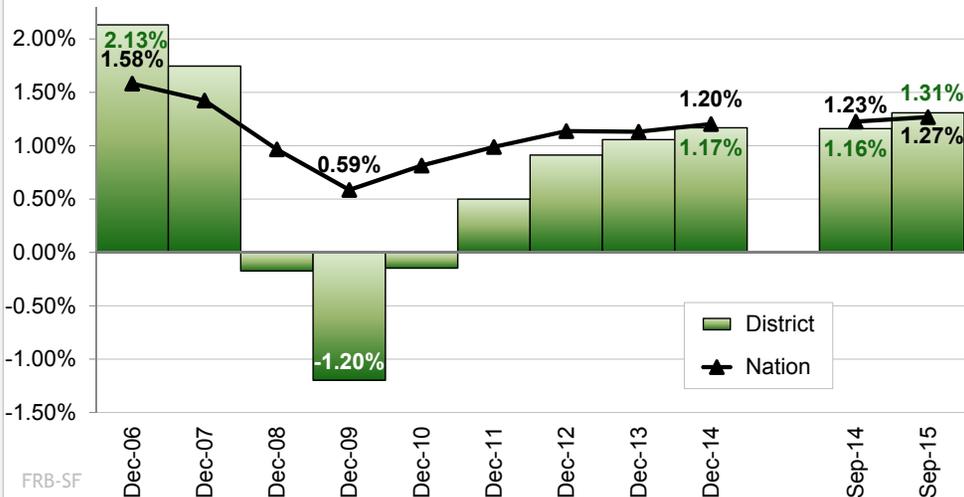
*Note: Bank size groups are defined as small (<\$10B), mid-sized (\$10B-\$50B), and large (>\$50B) banks. The large bank group covers nationwide banks (a larger statistical population), while the other two groups cover 12<sup>th</sup> District banks.*

See also “Banks at a Glance,” Bank Profiles by State:

<http://www.frbsf.org/banking/publications/banks-at-a-glance/>

## Earnings: Average District Pretax ROAA Outpaced Prior Year and National Levels but Still Trailed Pre-Crisis Performance

### Annualized Pretax Return on Average Assets (ROAA) (TE)

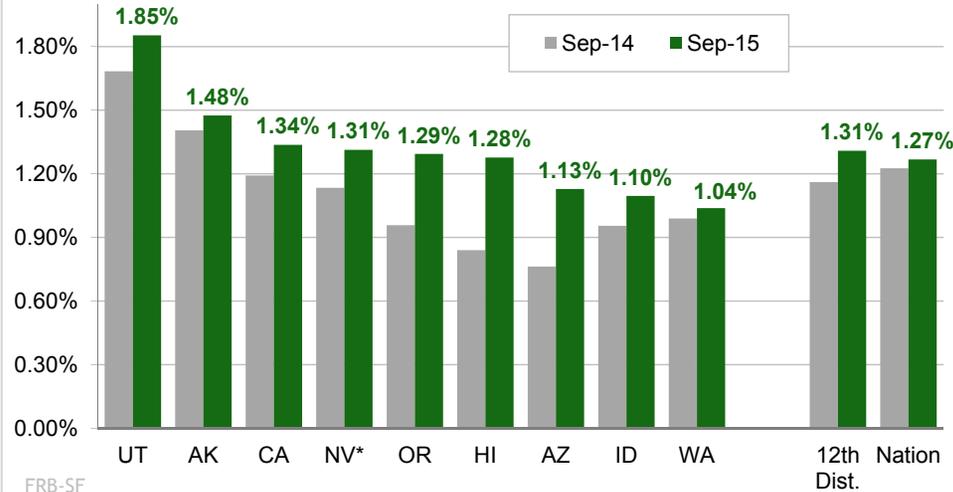


Based on commercial banks, excluding De Novos; year-to-date annualized trimmed means; preliminary 9/30/15 data; for comparability, Pretax ROAAs are adjusted on a tax-equivalent (TE) basis to assume taxes are paid on income from tax-free municipal loans and securities

17

## Earnings Improved Among All States in the District

### Annualized Pretax Return on Average Assets (ROAA) (TE) by State

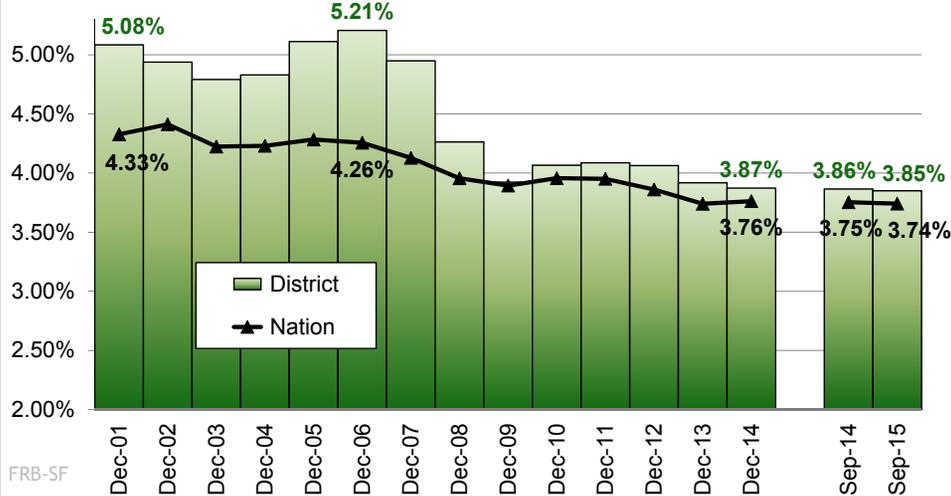


Based on commercial banks, excluding De Novos; year-to-date annualized trimmed means; preliminary 9/30/15 data; for comparability, Pretax ROAAs are adjusted on a tax-equivalent (TE) basis to assume taxes are paid on income from tax-free municipal loans and securities; \*NV: excludes credit card and zero-loan banks

18

## Year-to-Date Net Interest Income Margins Slightly Trailed 2014

### Net Interest Income (TE) / Average Earning Assets

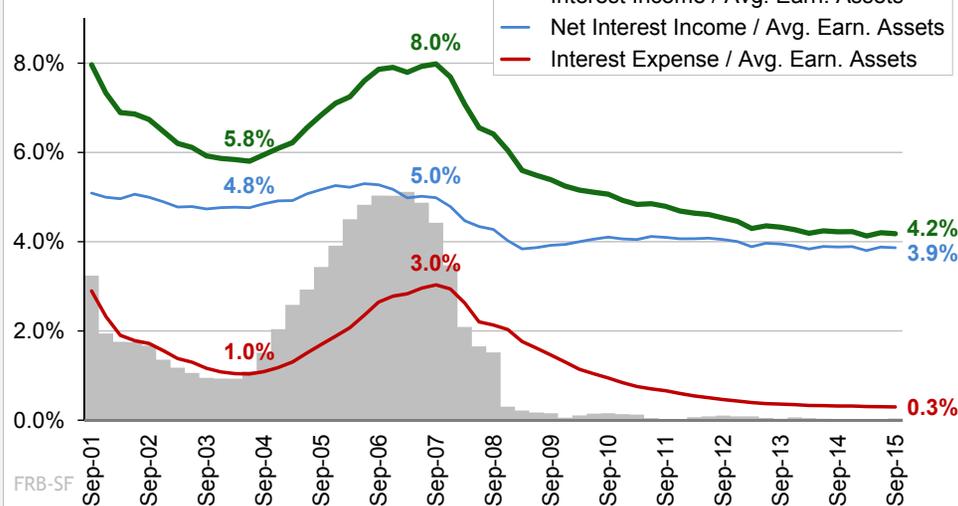


Based on commercial banks, excluding De Novos; year-to-date annualized trimmed means; preliminary 9/30/15 data; for comparability, net interest income is adjusted on a tax-equivalent (TE) basis to assume taxes are paid on income from tax-free municipal loans and securities

19

## Quarterly Yields and Margins Remained Well Below Historical Norm With Slight Seasonal Fluctuations

### Avg. Quarterly Annualized Rate (%) - 12<sup>th</sup> District

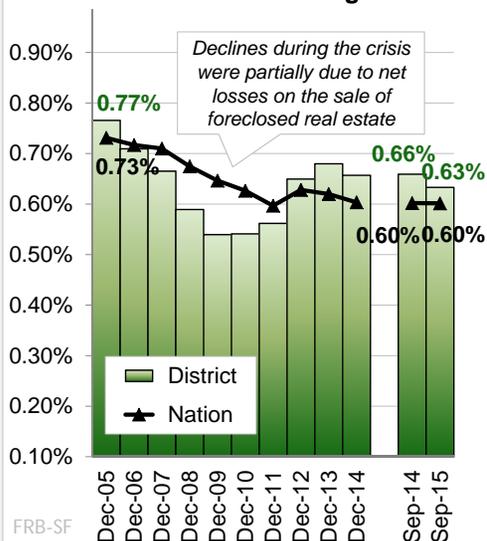


Based on 12<sup>th</sup> District commercial banks, excluding De Novos; quarterly annualized trimmed means; preliminary 9/30/15 data; data are presented on a tax-equivalent (TE) basis; average 3-month constant maturity U.S. Treasury Rate from Federal Reserve, Haver Analytics

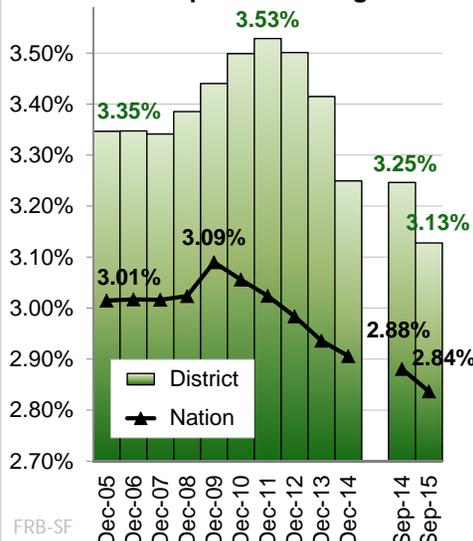
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## Noninterest Income Ratios Slipped; Lower Noninterest Expense Ratios Drove Earnings Improvement at Most Banks

### Noninterest Income / Average Assets



### Noninterest Expense / Average Assets

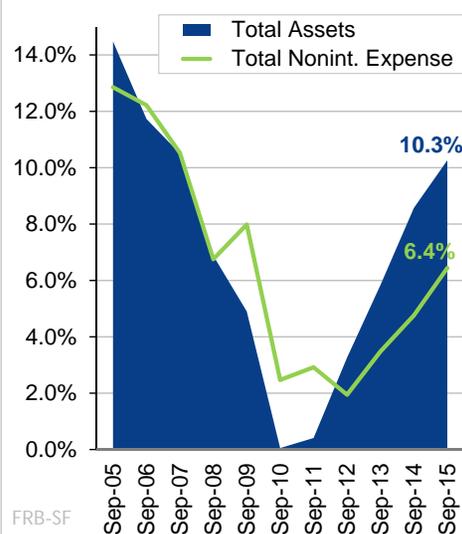


Based on commercial banks, excluding De Novos; year-to-date annualized trimmed means; preliminary 9/30/15 data

21

## Noninterest Expense Growth Has Been Contained; But Are Internal Controls Keeping Pace with Growth?

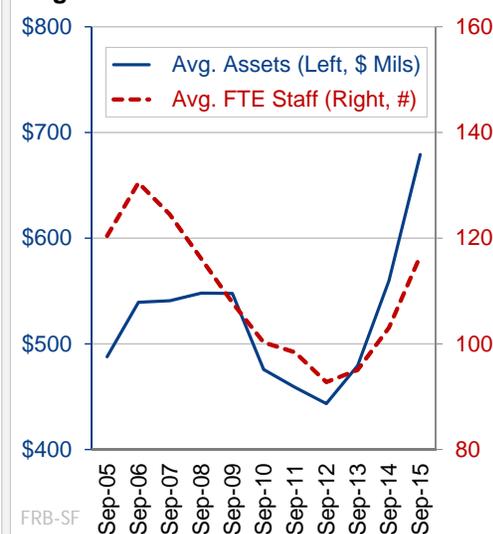
### Year-Over-Year Growth – 12<sup>th</sup> District



Based on 12<sup>th</sup> District commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; FTE = full-time equivalent

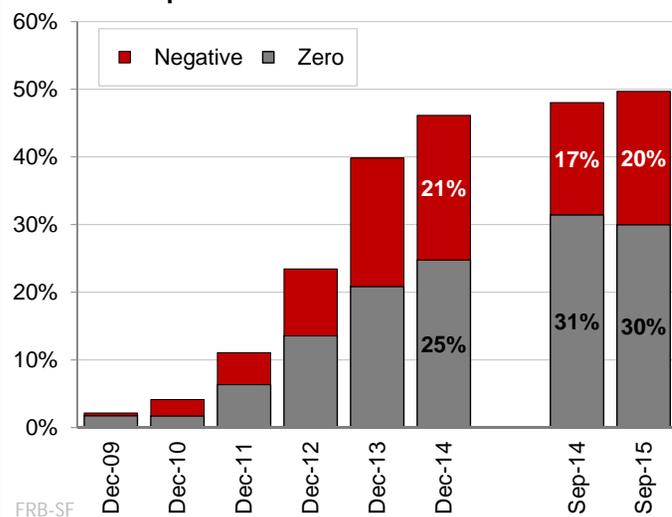
22

### Avg. Staff & Assets – 12<sup>th</sup> District



## Loan Loss Reserves: Half of District Banks Avoided Provisions or Released Reserves Versus One-Third Nationally

### Percent of 12<sup>th</sup> District Banks with Year-to-Date Provision Expense of:



Based on commercial banks, excluding De Novos; year-to-date; preliminary 9/30/15 data; \*Nevada excludes credit card and zero-loan banks

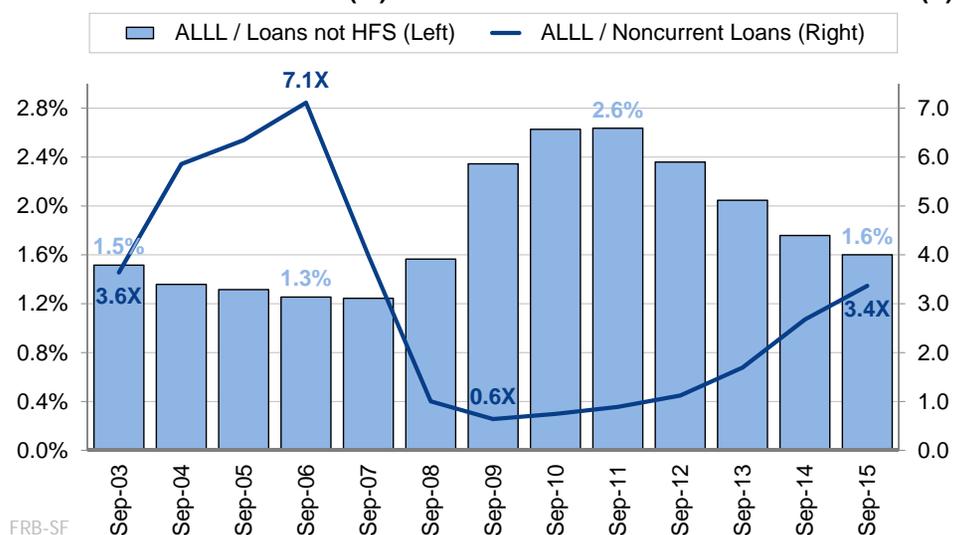
### % of Banks with YTD Zero or Negative Provision Expenses

State	Sep-15	Sep-15
AK	50%	25%
AZ	29%	39%
CA	51%	51%
HI	83%	80%
ID	42%	64%
NV*	50%	73%
OR	56%	50%
UT	45%	37%
WA	44%	50%
<b>Nation</b>	<b>34%</b>	<b>33%</b>

23

## Low Provisioning and Strong Loan Growth Reduced ALLL-to-Loan Ratios

### ALLL / Total Loans not HFS (%)

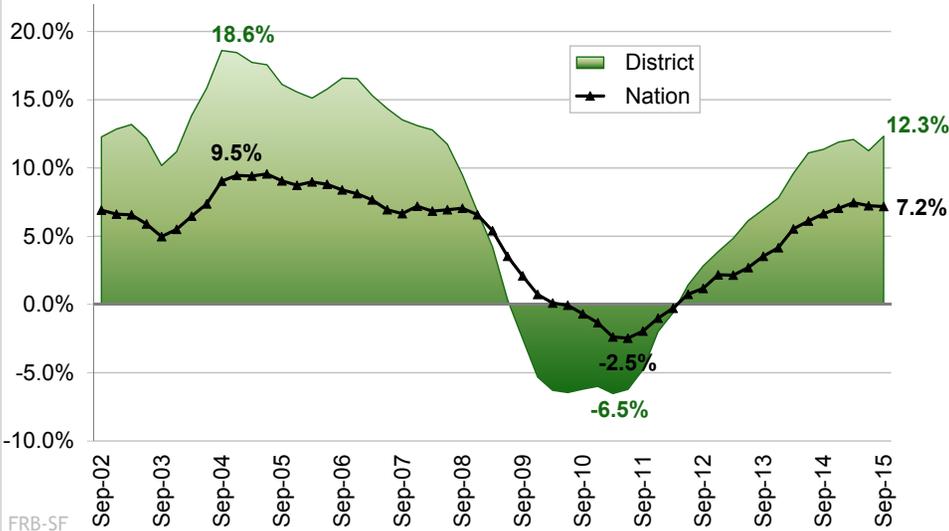


Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; ALLL = allowance for loan and lease losses; HFS = held for sale

24

## Loan Growth: District Loan Growth Accelerated While National Loan Growth Flattened

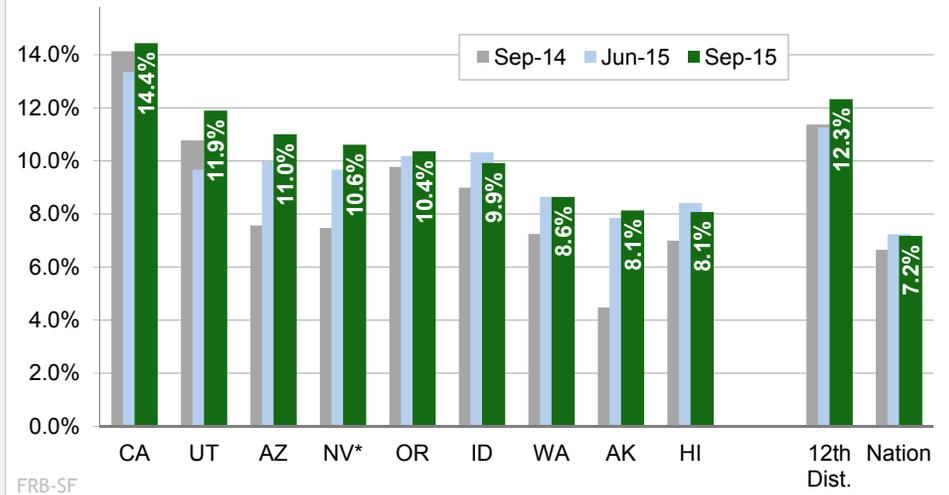
### Year-Over-Year Average Net Loan Growth



Based on commercial banks, excluding De Novos; trimmed means (not merger adjusted); preliminary 9/30/15 data

## Average Net Loan Growth Continued to Outpace the National Average in All District States

### Year-Over-Year Average Net Loan Growth by State



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Based on commercial banks, excluding De Novos; trimmed means (not merger adjusted); preliminary 9/30/15 data; \*NV: excludes credit card and zero-loan banks

## Multifamily, C&LD, and Specialty Segment Growth Rates Were High but Were Not Primary Drivers of Overall Loan Growth

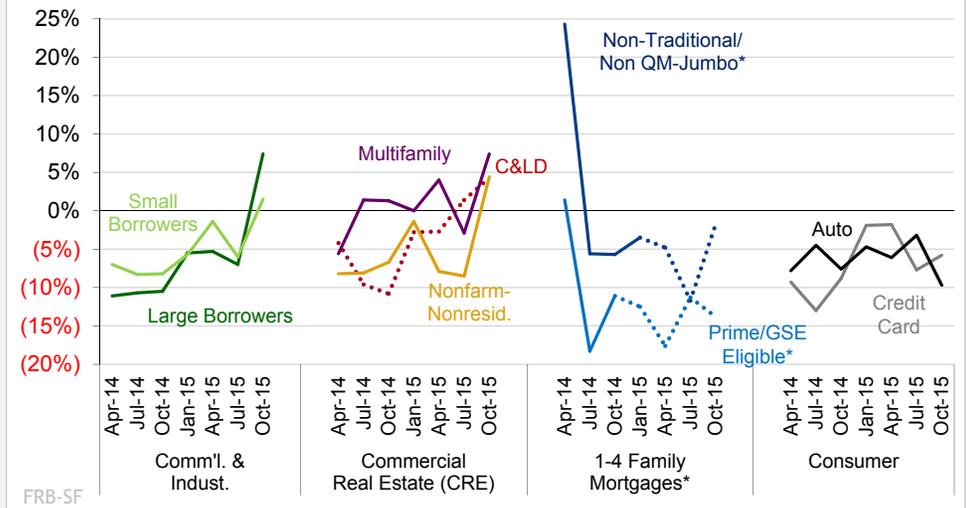
### Composition of Aggregate Loan Growth - 12th District Banks

FRB-SF Loan Segment	Banks < \$10 Billion			Banks \$10-\$200 Billion		
	Segment Level Year-Over-Year Growth Rate	% Point Contribution to Loan Growth	% of Total Loans	Segment Level Year-Over-Year Growth Rate	% Point Contribution to Loan Growth	% of Total Loans
Nonfarm Nonresidential	11.0%	4.4%	39.7%	4.9%	0.9%	17.4%
Commercial & Industrial	10.0%	1.7%	17.0%	6.1%	1.4%	21.8%
Consumer Loans	13.8%	1.5%	11.2%	17.3%	2.4%	15.2%
Closed-End 1-4 First Liens	11.4%	1.3%	11.5%	3.9%	1.0%	23.5%
Multifamily	21.0%	1.3%	6.5%	5.6%	0.3%	5.2%
Construction & Land Dev.	22.3%	1.0%	4.7%	22.7%	0.6%	2.9%
Other Loans*	14.5%	0.3%	2.4%	12.4%	0.9%	7.2%
Agricultural and Farmland	12.3%	0.4%	3.4%	8.7%	0.2%	2.7%
HELOC + Closed-End 1-4 Jr. Liens	5.0%	0.2%	3.7%	6.5%	0.3%	4.1%
<b>Total Loans</b>		<b>12.2%</b>			<b>8.0%</b>	

Based on a panel of commercial banks, excluding De Novos and banks with extreme growth (likely merger-related); preliminary 9/30/15 data; \*includes leases as well as loans collateralized by securities (margin loans), loans extended to governments and to depository and non-depository institutions, and all other

## On Net, Lenders Reported Modest Tightening of Standards on Commercial & Industrial and Commercial Real Estate Loans

### Net Percentage Reporting Tightening (Loosening) Standards During 3 Mos.

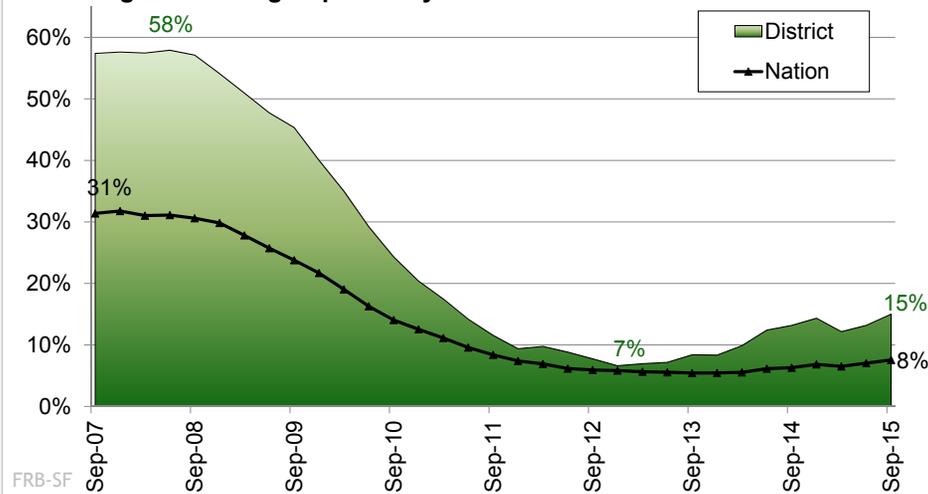


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Based on a sample of loan officers at 70+/- domestic banks (number varies by period and loan type); \*beginning January 2015, two categories were replaced with six based on GSE eligibility, qualifying mortgage (QM) status, and size (making comparisons imperfect); C&LD = construction and land development; Source: Federal Reserve Senior Loan Officer Opinion Survey (<http://www.federalreserve.gov/BoardDocs/snloansurvey/>)

## Percentage of Banks Exceeding Supervisory Commercial Real Estate Concentration Thresholds\* Ticked Up

Percentage Exceeding Supervisory CRE Concentration Thresholds\*

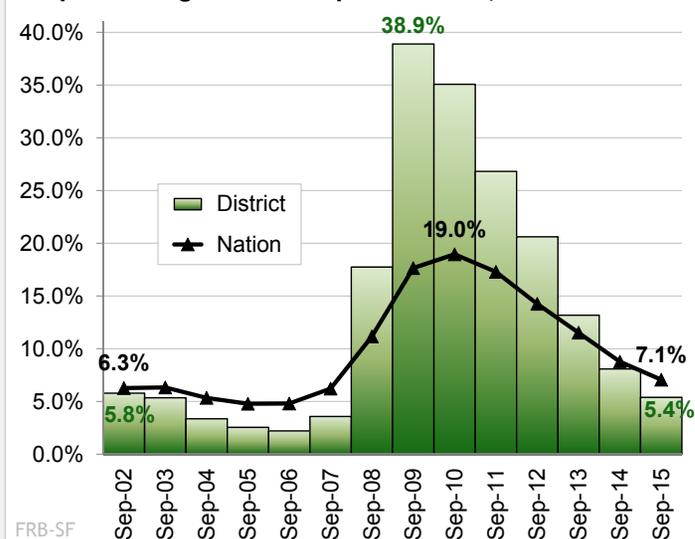


\*Supervisory commercial real estate (CRE) thresholds include construction and land development loans (C&LD)=> 100% of total capital or total CRE loans=>300% of total capital and total CRE loan growth of=>50% during the prior 3 years. Total CRE loans include C&LD, multifamily, owner-occupied nonfarm-nonresidential mortgages and CRE purpose loans not secured by real estate.

29

## Credit Quality: Nonperforming Assets Dipped Further Relative to Capital and Reserves

Nonperforming Assets / Capital + ALLL (a/k/a "Texas Ratio")



Problem assets relative to capital and reserves are again well-below the national average.

Average Texas Ratio (%)

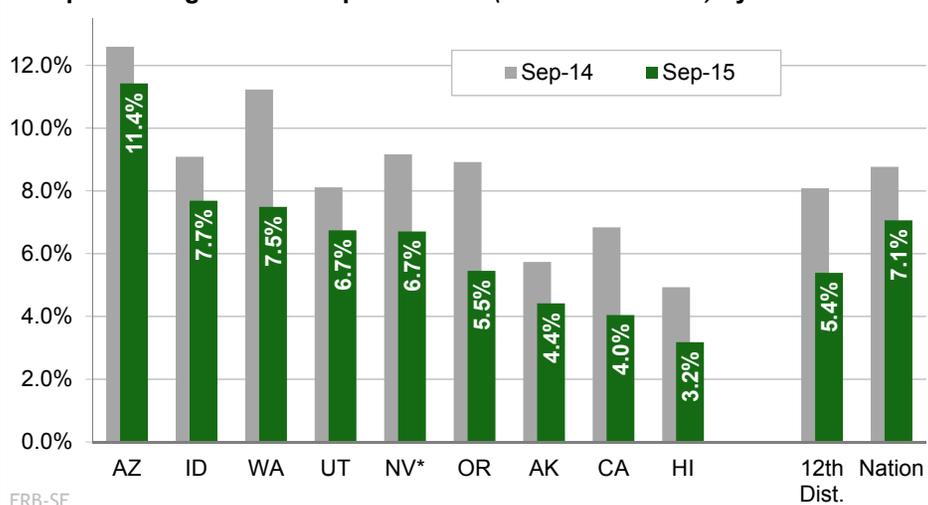
Bank Size	Sep-2009	Sep-2015
District Small (<\$10B)	39.7%	5.5%
District Mid-Sized (\$10B-\$50B)	31.2%	5.0%
Nation Large (>\$50B)	19.7%	4.9%

Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; nonperforming assets = loans 90+ days past due or on nonaccrual plus other real estate owned

30

## Average Texas Ratios in Arizona, Idaho, and Washington Continued to Exceed the National Average

Nonperforming Assets / Capital + ALLL (a/k/a "Texas Ratio") by State

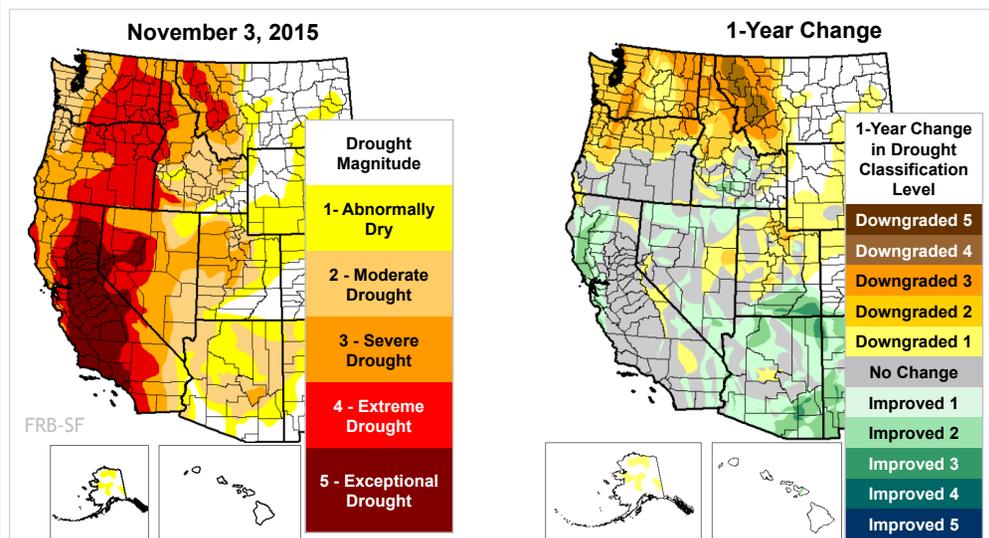


Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; \*NV: excludes credit card and zero-loan banks; nonperforming assets = loans 90+ days past due or on nonaccrual plus other real estate owned

31

## Extreme Drought Remained Ongoing in Several States; Severe Drought More Recent in Parts of Pacific Northwest

While California, Nevada, and So. Oregon have been grappling with dry conditions for awhile, drought in much of the Pacific Northwest has intensified in the past 12 months.

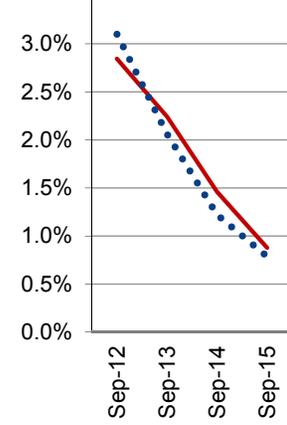


Sources: U.S. Drought Monitor (Nat'l. Drought Mitigation Center at the Univ. of Nebraska-Lincoln/U.S. Dept. of Agriculture/National Oceanic and Atmospheric Administration-NOAA), as of November 3, 2015

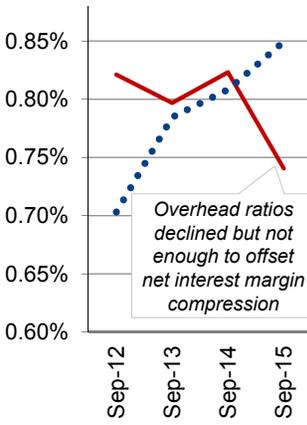
32

## California's More Drought and/or Agriculture-Exposed Banks\* Reported Declining Delinquencies, but Worsening Earnings

### Loans Past-Due 30+ Days or Nonaccrual, %



### Year-to-Date Net Income / Avg. Assets, %



Overhead ratios declined but not enough to offset net interest margin compression

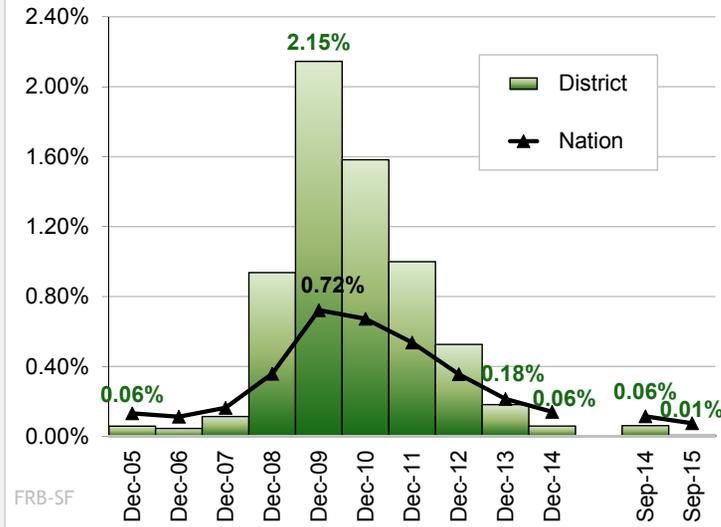
### Comparative Statistics

Ratio	CA Drought/Ag Banks*	All CA Banks**
Ag.-Related Loans / Total Capital	44.0%	7.8%
CRE Loans / Total Capital	310.3%	358.1%
1-Year Asset Growth	10.4%	12.5%
Noncurrent Lns. + ORE / Lns. + ORE	1.1%	0.8%

\*Includes 43 California-based banks with at least 25% of deposits from counties in the San Joaquin Valley, Sacramento Valley, or other top agricultural producing areas (i.e., Butte, Colusa, Fresno, Glenn, Imperial, Kern, Kings, Madera, Merced, Monterey, Sacramento, San Joaquin, Solano, Stanislaus, Sutter, Tehama, Tulare, Ventura, Yolo, and/or Yuba counties); \*\*based on all California-based commercial banks excluding De Novos; trimmed means; preliminary 9/30/15 data; CRE = nonfarm-nonresidential + multifamily + construction; ORE = other real estate owned

## Average District Net Chargeoff Rate Was Near Zero; Banks in California and Arizona Reported Net Recoveries

### Net Chargeoffs / Average Loans and Leases



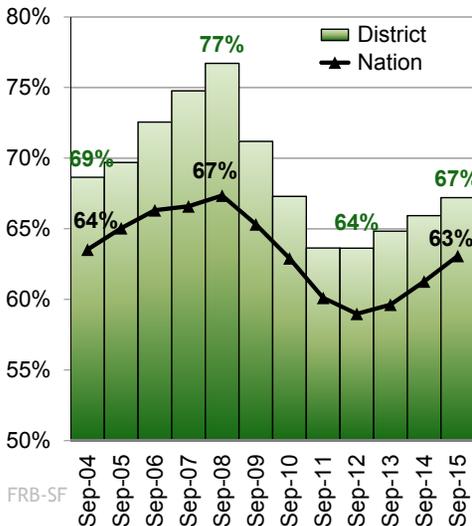
### Average Net Chargeoff Rate by State

State	Sep-14	Sep-15
AK	0.02%	0.03%
AZ	0.53%	0.00%
CA	0.01%	0.02%
HI	0.00%	0.03%
ID	0.09%	0.01%
NV*	0.08%	0.09%
OR	0.04%	0.01%
UT	0.16%	0.12%
WA	0.12%	0.03%
Nation	0.11%	0.08%

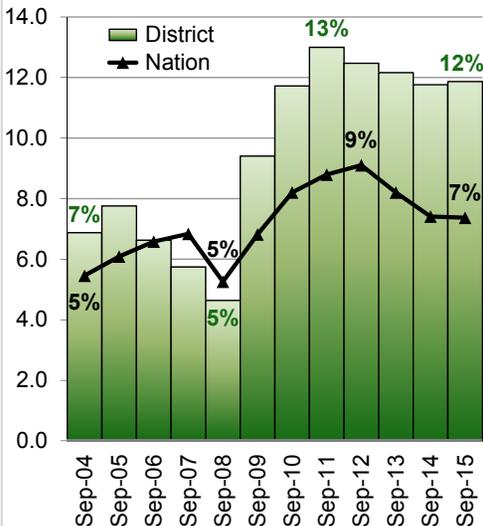
Based on commercial banks, excluding De Novos; year-to-date annualized trimmed means; preliminary 9/30/15 data; \*Nevada excludes credit card and zero-loan banks

## Liquidity: Net Loans Increased as a Share of Assets; Short-Term Investments Held Steady

### Net Loans and Leases / Assets



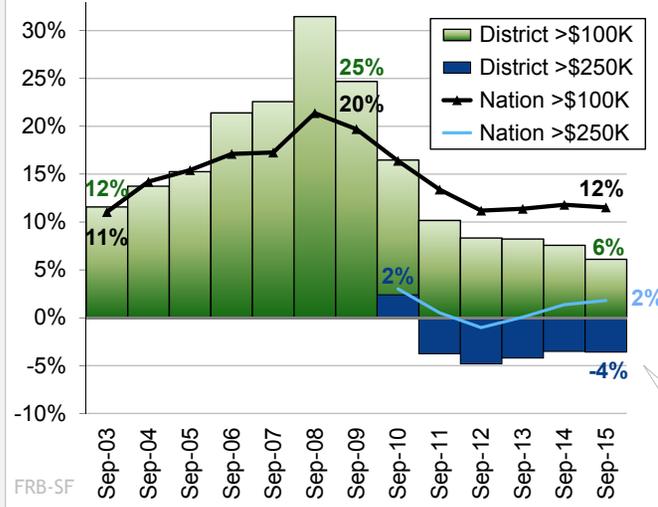
### Short-Term Investments / Assets



Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; Short-Term Investments: interest-bearing bank balances, Federal funds sold & securities purchased under agreements to resell, and <1-year debt securities

## Reliance on Noncore Funding Remained Moderate, Especially Among Small Banks

### Net Noncore Funds Dependence Ratio



### Average Net Noncore Funds Dependence by Bank Size (Using CDs >\$100K)

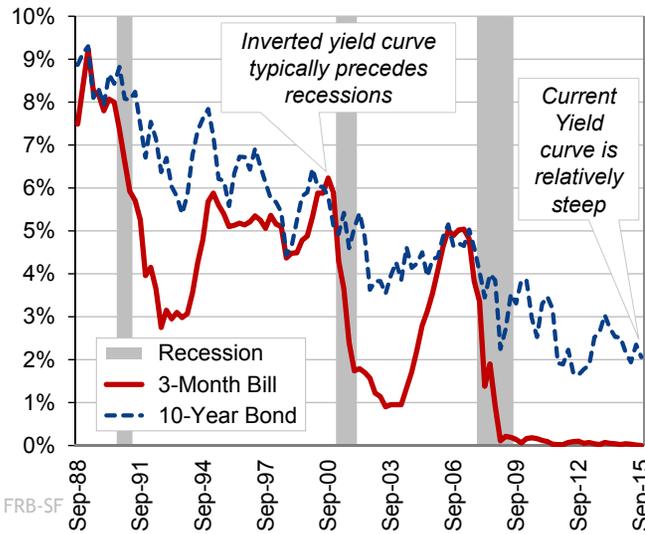
Bank Size	Sep-2014	Sep-2015
District Small (<\$10B)	7.0%	5.6%
District Mid-Sized (\$10B-\$50B)	16.0%	11.6%
Nation Large (>\$50B)	14.3%	17.1%

Net noncore funding ratio turns negative if CDs between \$100K and \$250K are excluded.

Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; \*Net noncore funding is sum of borrowed funds, foreign and brokered deposits, large CDs (previously defined as > \$100K—green bars, now defined as > \$250K—blue bars) less short-term investments divided by long-term assets

## Interest Rate Risk: Long-Term Interest Rates May Not Rise in Lockstep with Short Term Rates (a la 2004-2006)

### End-of-Period U.S. Treasury Yields\*, Annualized (%)



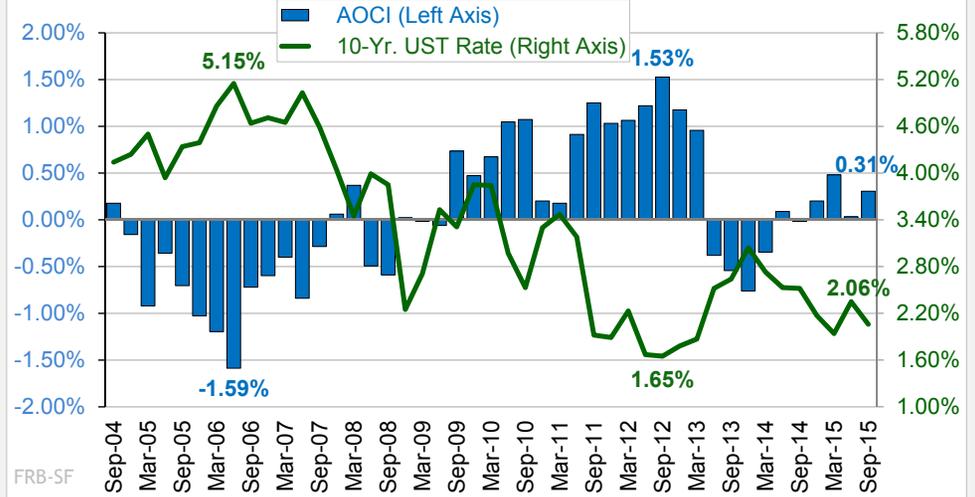
The current steep yield curve has provided financial incentive to fund short-term and lend long-term. All else equal, a flattening yield curve could pressure net interest margins among banks that have developed significant re-pricing imbalances. During the last major rate tightening cycle (2004-2006), many banks increased concentrations in short-term, high-yielding C&LD loans to help offset rising funding costs. However, that increased credit risk, especially during the subsequent recession.

\*Constant maturity basis; Sources: Federal Reserve and National Bureau of Economic Research via Haver Analytics

## The Recent Dip in Long-Term Interest Rates Buoyed Investment Portfolio Values and AOCI

### Accumulated Other Comprehensive Income (AOCI)\* / Tier 1 Cap. – 12<sup>th</sup> District

### End-of-Period 10-Year U.S. CM Treasury Rate

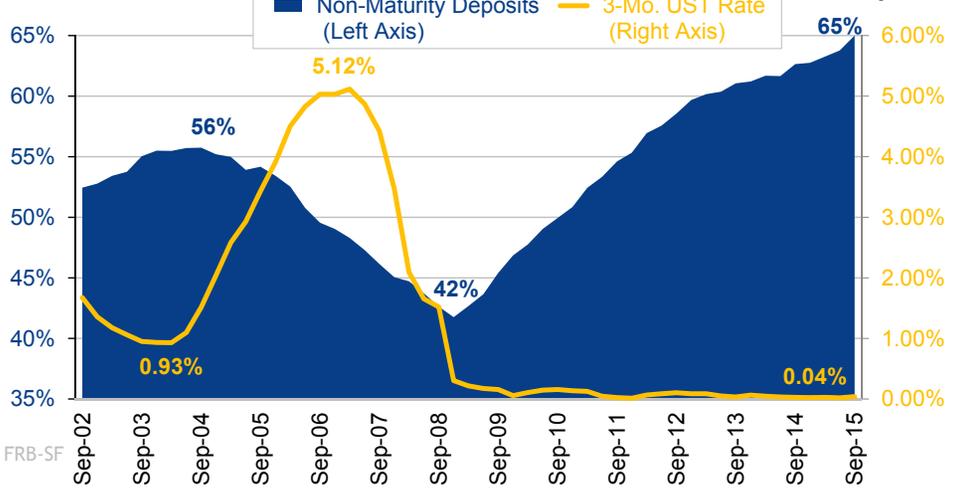


Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; accumulated other comprehensive income\* is comprised mainly of net unrealized gains and losses on available-for-sale securities; Constant Maturity (CM) Treasury Rate from Federal Reserve, Haver Analytics

## Non-Maturity Deposits Could Ebb as Rates Rise (as in 2004-2006)

### Non-Maturity Deposits / Total Assets 12<sup>th</sup> District Banks

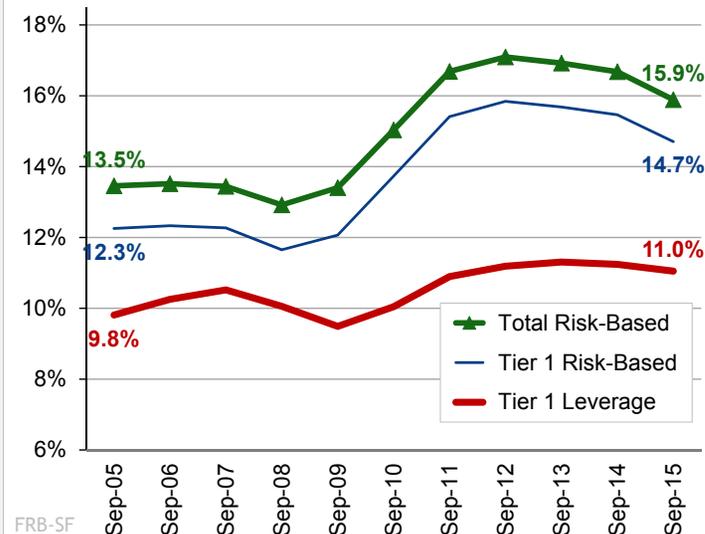
### Qtly. Avg. 3-Month U.S. CM Treasury Rate



Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; non-maturity includes demand, money market, and savings; Constant Maturity (CM) Treasury Rate from Federal Reserve, Haver Analytics

## Risk-Based Capital Ratios Eased as Assets Shifted and Basel III's Higher Risk-Weight Buckets Were Implemented

### Average Regulatory Capital Ratios – 12<sup>th</sup> District



### Average Total Risk-Based Capital Ratios by Bank Size

Bank Size	Sep-2014	Sep-2015
District Small (<\$10B)	16.8%	16.0%
District Mid-Sized (\$10B-\$50B)	15.3%	14.3%
Nation Large (>\$50B)	14.8%	14.1%

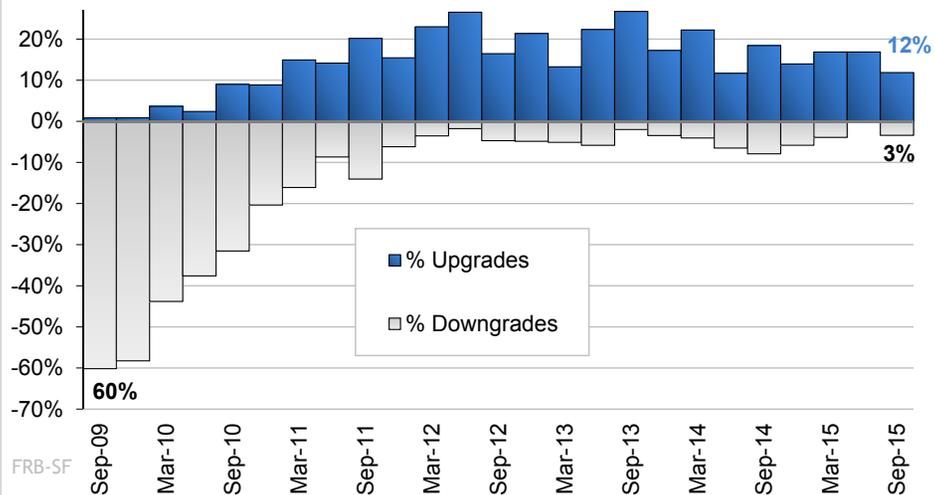
Based on commercial banks, excluding De Novos; trimmed means; preliminary 9/30/15 data; new risk-based capital reporting became effective March 2014 for advanced approach adopters and March 2015 for others

## Section 3 – Regulatory Ratings and Trends

*Focusing on trends in examination (CAMELS) ratings assigned by regulatory agencies among commercial banks headquartered within the 12<sup>th</sup> Federal Reserve District.*

## Regulatory Ratings: Upgrades Continued to Outpace Downgrades in Third Quarter

Percent of 12<sup>th</sup> District Exams that Resulted in CAMELS Composite Rating Upgrade or Downgrade (downgrades shown as negative percentages)

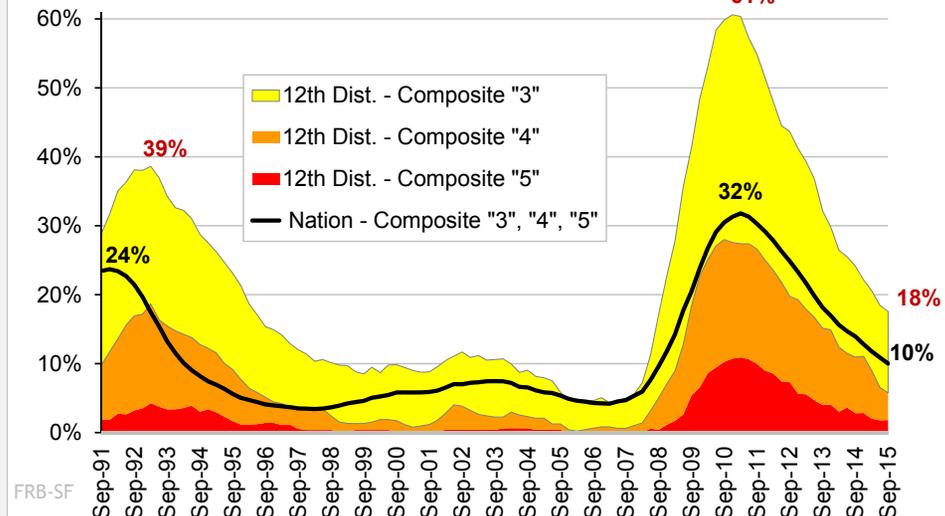


Includes any change in composite CAMELS rating for commercial banks; quarterly data based on examination completion dates (mail dates); preliminary third quarter 2015 data updated through 11/16/15

42

## The Share of District Banks with CAMELS Composite Ratings of 3, 4, or 5 Moderated Further

Share of Banks Rated Composite 3, 4, or 5

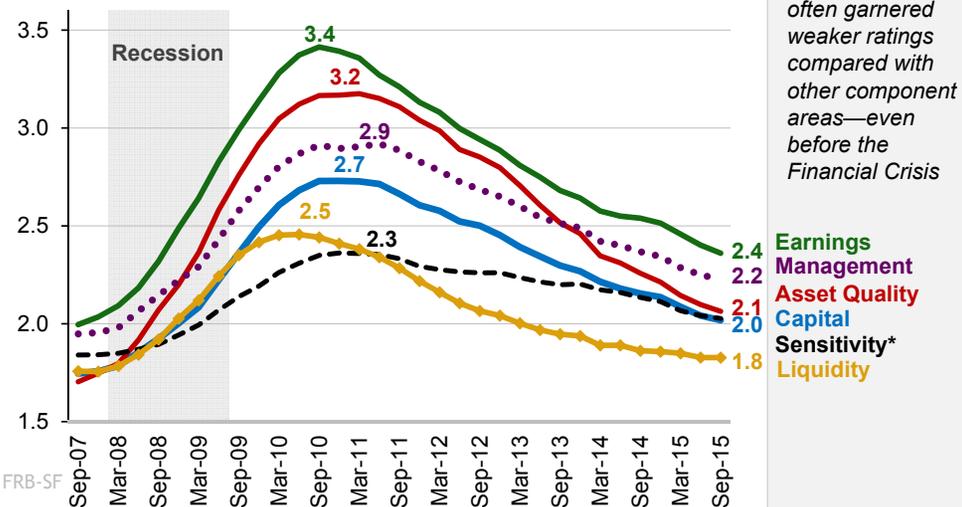


Trends for all commercial banks based on examination completion dates (mail dates); preliminary third quarter 2015 data updated through 11/16/15

43

## Earnings and Management Remained Weakest Components

Average CAMELS Component Ratings for 12<sup>th</sup> District Banks (1: strong; 2: satisfactory; 3-5: less-than-satisfactory)



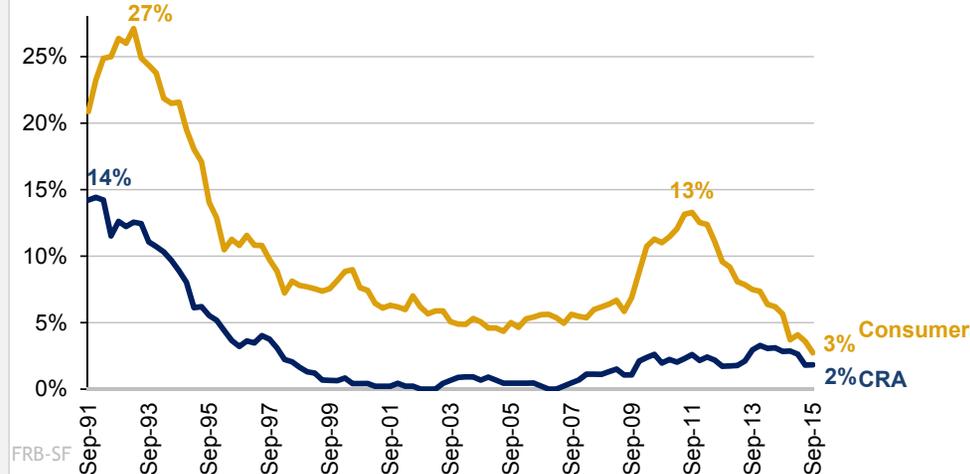
*Earnings and Management often garnered weaker ratings compared with other component areas—even before the Financial Crisis*

Trends for all commercial banks based on examination completion dates (mail dates); preliminary third quarter 2015 data updated through 11/16/15; \*Sensitivity to Market Risk

44

## Consumer Compliance Ratings Improved While CRA Ratings Remained Steady

Percent of 12<sup>th</sup> District Banks with Less-than-Satisfactory Ratings



Trends for all commercial banks based on examination completion dates (mail dates); CRA = Community Reinvestment Act; preliminary third quarter 2015 data updated through 11/16/15

45

# Appendices

1. Summary of Institutions
2. Technical Information

# Appendix 1: Summary of Institutions

# Appendix 2: Technical Information

Area	Commercial Banks (De Novos)		Industrial Banks (De Novos)		Savings Institutions (De Novos)	
	Sep-14	Sep-15	Sep-14	Sep-15	Sep-14	Sep-15
AK	4 (0)	4 (0)	-	-	1 (0)	1 (0)
AZ	21 (0)	18 (0)	-	-	1 (0)	1 (0)
CA	196 (1)	183 (0)	5 (0)	3 (0)	14 (0)	12 (0)
GU	2 (0)	2 (0)	-	-	1 (0)	1 (0)
HI	6 (0)	5 (0)	1 (0)	1 (0)	2 (0)	2 (0)
ID	12 (0)	11 (0)	-	-	1 (0)	1 (0)
NV	12 (0)	12 (0)	4 (0)	4 (0)	2 (0)	2 (0)
OR	25 (0)	22 (0)	-	-	3 (0)	3 (0)
UT	31 (0)	30 (0)	18 (0)	16 (0)	4 (0)	4 (0)
WA	48 (0)	44 (0)	-	-	12 (0)	12 (0)
12L	357 (1)	331 (0)	28 (0)	24 (0)	41 (0)	39 (0)
US	5,637 (14)	5,381 (7)	30 (0)	26 (0)	919 (2)	860 (1)

based on preliminary 9/30/15 data.

This report focuses on the financial trends and performance of commercial banks headquartered within the 12<sup>th</sup> Federal Reserve District (“12L”). 12L includes 9 western states: AK, AZ, CA, HI, ID, NV, OR, UT, and WA, as well as Guam. Industrial banks and savings institutions, which have different operating characteristics, are excluded from graphics (other than the table to the left).

**De Novos:** Many of the charts exclude “De Novo” banks, or banks less than five years old.

**Groups by Asset Size:** “Small”, and “Mid-Sized” bank groups are based on 12<sup>th</sup> District community banks (<\$10B) and regional banks (\$10B-\$50B), respectively. The “Large” bank group is based on nationwide banks with assets >\$50B because a larger statistical population was needed to construct trimmed means.

**Trimmed Mean (also referred to as “average”):** Many of the charts present trends in ratio averages, adjusted for outliers. The method used is to eliminate or “trim” out the highest 10% and the lowest 10% of ratio values and average the remaining values.

**Aggregate:** In some cases, the trimmed mean method is not appropriate (e.g., when many banks have zero values for a particular ratio or for some growth rates where there may be many highly positive and highly negative values). In these cases, District aggregates sometimes are computed (i.e., summing numerator values across all District banks and dividing by the sum of all denominator values), as opposed to averaging individual bank ratios. When an aggregate is used, it is indicated on the chart.