Live Oak Bancshares, Inc. Form 10-Q May 12, 2016

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UNITED STATES	
SECURITIES AND EXCHANGE COMMISSION	
Washington, D.C. 20549	
FORM 10-Q	
ýQuarterly Report Pursuant to Section 13 or 15(d) of the Sec	curities Exchange Act of 1934
For the quarterly period ended March 31, 2016	
or "Transition Depart Durawant to Section 12 or 15(d) of the Se	curities Exchange Act of 1024
"Transition Report Pursuant to Section 13 or 15(d) of the Se For the transition period from to .	curities Exchange Act of 1934
Commission file number: 001-37497	
LIVE OAK BANCSHARES, INC.	
(Exact name of registrant as specified in its charter)	
North Carolina	26-4596286
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)
1741 Tiburon Drive	28403
Wilmington, North Carolina	
(Address of principal executive offices)	(Zip Code)
(910) 790-5867 (Registrant's telephone number, including area code)	
(Registrant's telephone number, including area code) Indicate by check mark whether the registrant (1) has filed a	Il reports required to be filed by Section 13 or 15(d) of the
Securities Exchange Act of 1934 during the preceding 12 m	
required to file such reports), and (2) has been subject to suc	· · ·
days. YES ý NO ["]	
Indicate by check mark whether the registrant has submitted	electronically and posted on its corporate Web site, if
any, every Interactive Data File required to be submitted and	· · ·
(§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required
to submit and post such files). YES ý NO "	1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .
Indicate by check mark whether the registrant is a large acce	
a smaller reporting company. See definitions of "large accel company" in Rule 12b-2 of the Exchange Act.	erated filer, "accelerated filer and smaller reporting
Large Accelerated Filer "	Accelerated Filer
Non-accelerated Filer x (Do not check if smaller reportin	g company) Smaller Reporting Company "
Indicate by check mark whether registrant is a shell company	y (as defined in Rule 12b-2 of the Exchange
Act). YES "NO ý	
APPLICABLE ONLY TO CORPORATE ISSUERS:	
Indicate the number of shares outstanding of each of the issu	er's classes of common stock, as of the latest practicable
date.	
As of May 11, 2016, there were 29,467,643 shares of the reg	
shares of the registrant's non-voting common stock outstand	ung.

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PART I. FINANCIAL INFORMATION Item 1. Financial Statements Live Oak Bancshares, Inc. Consolidated Balance Sheets As of March 31, 2016 (unaudited) and December 31, 2015* (Dollars in thousands)

Assets	March 31, 2016	December 31, 2015*
Cash and due from banks	\$226,556	\$102,607
Certificates of deposit with other banks	\$220,550 9,000	10,250
Investment securities available-for-sale	55,674	53,762
Loans held for sale	537,293	480,619
Loans held for investment	313,633	279,969
Allowance for loan losses) (7,415)
Net loans	305,017	272,554
Premises and equipment, net	61,839	62,653
Foreclosed assets	3,020	2,666
Servicing assets	47,377	44,230
Other assets	22,765	23,281
Total assets	\$1,268,541	\$1,052,622
Liabilities and Shareholders' Equity		
Liabilities		
Deposits:		
Noninterest-bearing	\$21,125	\$21,502
Interest-bearing	994,340	783,286
Total deposits	1,015,465	804,788
Long term borrowings	28,271	28,375
Other liabilities	20,372	19,971
Total liabilities	1,064,108	853,134
Shareholders' equity		
Preferred stock, no par value, 1,000,000 authorized, none issued or outstanding at March		
31, 2016 and December 31, 2015		
Class A common stock, no par value, 100,000,000 shares authorized, 29,460,348 and		
29,449,369 shares issued and outstanding at March 31, 2016 and December 31, 2015,	138,199	137,492
respectively		
Class B common stock, no par value, 10,000,000 shares authorized, 4,723,530 shares issued	¹ 50,015	50,015
and outstanding at March 31, 2016 and December 31, 2015		
Retained earnings	16,147	12,140
Accumulated other comprehensive income (loss)	47	(192)
Total shareholders' equity attributed to Live Oak Bancshares, Inc. Noncontrolling interest	204,408 25	199,455 33
Total equity	204,433	55 199,488
Total liabilities and shareholders' equity	\$1,268,541	
* Derived from audited consolidated financial statements.	ψ1,200,271	ψ1,052,022
See Notes to Unaudited Consolidated Financial Statements		
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Live Oak Bancshares, Inc. Consolidated Statements of Income For the three months ended March 31, 2016 and 2015 (unaudited) (Dollars in thousands, except per share data)

	Three M Ended March 3 2016	
Interest income	2010	2015
Loans and fees on loans	\$11,005	\$6,730
Investment securities, taxable	251	176
Other interest earning assets	138	66
Total interest income	11,394	6,972
Interest expense	,	
Deposits	2,444	1,476
Borrowings	241	441
Total interest expense	2,685	1,917
Net interest income	8,709	5,055
Provision for loan losses	1,433	1,077
Net interest income after provision for loan losses	7,276	3,978
Noninterest income		
Loan servicing revenue and revaluation	4,758	4,106
Net gains on sales of loans	16,425	15,461
Equity in loss of non-consolidated affiliates	_	(26)
Gain on sale of investment in non-consolidated affiliate	—	3,782
Construction supervision fee income	630	216
Other noninterest income	619	516
Total noninterest income	22,432	24,055
Noninterest expense		
Salaries and employee benefits	12,993	8,355
Travel expense	1,846	1,476
Professional services expense	528	850
Advertising and marketing expense	963	1,008
Occupancy expense	1,193	481
Data processing expense	1,208	893
Equipment expense	551	443
Other loan origination and maintenance expense	574	477
Other expense	1,855	719
Total noninterest expense	21,711	14,702
Income before taxes	7,997	13,331
Income tax expense	3,314	5,278
Net income	4,683	8,053
Net loss attributable to noncontrolling interest	8	20
Net income attributable to Live Oak Bancshares, Inc.	\$4,691	\$8,073
Basic earnings per share	\$0.14	\$0.28
Diluted earnings per share	\$0.13	\$0.27
See Notes to Unaudited Consolidated Financial Statement	its	

Live Oak Bancshares, Inc. Consolidated Statements of Comprehensive Income For the three months ended March 31, 2016 and 2015 (unaudited) (Dollars in thousands)

	Three M	Ionths
	Ended	
	March 3	31,
	2016	2015
Net income	\$4,683	\$8,053
Other comprehensive income before tax:		
Net unrealized gain on investment securities arising during the period	389	203
Reclassification adjustment for (gain) loss on sale of securities available-for-sale included in net		
income		
Other comprehensive income before tax	389	203
Income tax expense	(150)	(79)
Other comprehensive income, net of tax	239	124
Total comprehensive income	\$4,922	\$8,177
See Notes to Unaudited Consolidated Financial Statements		

Live Oak Bancshares, Inc. Consolidated Statements of Changes in Shareholders' Equity For the three months ended March 31, 2016 and 2015 (unaudited) (Dollars in thousands)

(Donars in mousands)	Common st Shares Class A	ock Class B	Amount	Retained earnings (accumulat deficit)	Accumulate other comprehens ed income (loss)	Non-	Total ng equity
Balance at December 31, 2014	23,896,400	4,723,530	\$98.672	\$ (6,943) \$ 85	\$ —	\$91,814
Net income (loss)				8,073		(20)	
Other comprehensive income					124		124
Consolidation of investment with non-controlling interest	_	_	_	_	_	35	35
Stock option exercises	3,679		16				16
Stock option based compensation expense	_	_	118	_	_	_	118
Restricted stock expense			8				8
Balance at March 31, 2015	23,900,079	4,723,530	\$98,814	\$ 1,130	\$ 209	\$ 15	\$100,168
Balance at December 31, 2015	29,449,369	4,723,530	\$187,507	\$ 12,140	\$ (192)	\$ 33	\$199,488
Net income (loss)		_		4,691	_	(8)	4,683
Other comprehensive income		_			239	_	239
Issuance of restricted stock	2,776	—					
Stock option exercises	8,203		48				48
Stock option based compensation expense	_		592		—		592
Restricted stock expense			67				67
Dividends (distributions to shareholders)	_	_	_	(684) —	_	(684)
Balance at March 31, 2016	29,460,348	4,723,530	\$188,214	\$ 16,147	\$ 47	\$ 25	\$204,433
See Notes to Unaudited Consolidate	ed Financial S	Statements					

Live Oak Bancshares, Inc. Consolidated Statements of Cash Flows For the three months ended March 31, 2016 and 2015 (unaudited) (Dollars in thousands)

	Three M Ended March 3	
	2016	2015
Cash flows from operating activities		
Net income	\$4,683	\$8,053
Adjustments to reconcile net income to net cash used by operating activities:		
Depreciation and amortization	1,065	433
Provision for loan losses	1,433	1,077
Amortization of premium on securities, net of accretion	30	15
Amortization (accretion) of discount on unguaranteed loans, net	146	319
Deferred tax expense	739	226
Originations of loans held for sale	(256,07)	7 (223,905
Proceeds from sales of loans held for sale	172,638	180,991
Net gains on sale of loans held for sale	(16,425)	(15,461)
Net loss on sale of foreclosed assets	—	7
Net increase in servicing assets	(3,147)	(3,458)
Gain on sale of investment in non-consolidated affiliate		(3,782)
Net loss on disposal of premises and equipment		3
Stock option based compensation expense	592	118
Restricted stock expense	67	8
Equity in loss of non-consolidated affiliates		26
Changes in assets and liabilities:		
Other assets	516	92
Other liabilities	(146)	5,265
Net cash used by operating activities	(93,886)	(49,973)
Cash flows from investing activities		
Purchases of securities available-for-sale	(2,443)	(1,900)
Proceeds from sales, maturities, calls, and principal paydowns of securities available-for-sale	890	629
Proceeds from sale/collection of foreclosed assets	52	330
Maturities of certificates of deposit with other banks	1,250	
Proceeds from sale of investment in non-consolidated affiliate		9,896
Net cash acquired in consolidation of equity method investment		319
Loan originations and principal collections, net	8,742	26,725
Purchases of premises and equipment, net	(251)	(3,281)
Net cash provided by investing activities	8,240	32,718
See Notes to Unaudited Consolidated Financial Statements		

Live Oak Bancshares, Inc. Consolidated Statements of Cash Flows (Continued) For the three months ended March 31, 2016 and 2015 (unaudited) (Dollars in thousands)

	Three Mor March 31, 2016	nths Ended 2015
Cash flows from financing activities	210 (77	24.002
Net increase in deposits	210,677	34,003
Proceeds from long term borrowings		8,468
Repayment of long term borrowings	(104)) (107)
Repayment of short term borrowings		(6,100)
Stock option exercises	48	16
Shareholder dividend distributions) (1,363)
Net cash provided by financing activities	209,595	34,917
Net increase in cash and cash equivalents	123,949	17,662
Cash and cash equivalents, beginning	102,607	29,902
Cash and cash equivalents, ending	\$226,556	\$47,564
Supplemental disclosure of cash flow information Interest paid	\$2,690	\$1,915
Income tax	2,181	1,974
	2,101	1,971
Supplemental disclosures of noncash operating, investing, and financing activities		
Unrealized holding gains on available-for-sale securities, net of taxes	\$239	\$124
Transfers from loans to foreclosed real estate and other repossessions	406	
Transfers of loans accounted for as secured borrowing collateral to other assets		4,674
Dividends declared but not paid		169
Transfer of loans held for sale to loans held for investment	13,763	2,294
Transfer of loans held for investment to loans held for sale	752	1,370
Contingent consideration in acquisition of controlling interest in equity method of investment See Notes to Unaudited Consolidated Financial Statements	_	170

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements Note 1. Basis of Presentation

Nature of Operations

Live Oak Bancshares, Inc. (the "Company" or "LOB") is a bank holding company headquartered in Wilmington, North Carolina incorporated under the laws of North Carolina in December 2008. The Company conducts business operations primarily through its commercial bank subsidiary, Live Oak Banking Company (the "Bank"). The Bank was established in May 2008 as a North Carolina-chartered commercial bank. The Bank specializes in providing lending services to small businesses nationwide in targeted industries. The Bank identifies and grows within credit-worthy industries through expertise within those industries. A significant portion of the loans originated by the Bank are guaranteed by the Small Business Administration ("SBA") under the 7(a) program. On July 23, 2015 the Company closed on its initial public offering. In 2010, the Bank formed Live Oak Number One, Inc., a wholly-owned subsidiary, to hold properties foreclosed on by the Bank.

During 2011, the Company formed Independence Aviation, LLC, a wholly-owned subsidiary, for the purpose of purchasing and operating aircraft used for business purposes of the Company. The net assets of Independence Aviation, LLC were transferred to the Company and the Bank effective December 31, 2015 resulting in its dissolution.

In addition to the Bank, the Company owns Live Oak Grove, LLC, opened in September 2015 for the purpose of providing Company employees and business visitors an on-site restaurant location, Government Loan Solutions, Inc. ("GLS"), a management and technology consulting firm that specializes in the settlement, accounting, and securitization processes for government guaranteed loans, including loans originated under the SBA 7(a) loan program and USDA-guaranteed loans, and 504 Fund Advisors, LLC ("504FA"), formed to serve as the investment adviser to the 504 Fund, a closed-end mutual fund organized to invest in SBA section 504 loans.

The Company acquired control over 504FA, previously carried as an equity method investment, on February 2, 2015 by increasing its ownership from 50.0% to 91.3%. The acquisition of an additional 41.3% of ownership occurred in exchange for contingent consideration estimated to total \$170 thousand. Transactions in the third quarter of 2015 and first quarter of 2016 increased the Company's ownership to 92.9%. With 7.1% of ownership remaining with a third party investor, amounts of earnings and equity in 504FA attributable to the third party investor are now disclosed in the Company's consolidated financial statements as related to a noncontrolling interest.

The Company earns revenue primarily from the sale of SBA-guaranteed loans. This income is comprised of net gains on the sale of loans, revenues on the servicing of sold loans and valuation of loan servicing rights. Net interest income is another contributor to earnings. Offsetting these revenues are the cost of funding sources, provision for loan losses, any costs related to foreclosed assets and other operating costs such as salaries and employee benefits, travel, professional services, advertising and marketing and tax expense. General

In the opinion of management, all adjustments necessary for a fair presentation of the financial position and results of operations for the periods presented have been included, and all intercompany transactions have been eliminated in consolidation. Results of operations for the three months ended March 31, 2016 are not necessarily indicative of the results of operations that may be expected for the year ending December 31, 2016. The consolidated balance sheet as of December 31, 2015 has been derived from the audited consolidated financial statements contained in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015, filed with the Securities Exchange Commission on March 14, 2016 (SEC File No. 001-37497) (the "2015 Annual Report"). A summary description of the significant accounting policies followed by the Company is set forth in Note 1 of the Notes to Consolidated Financial statements in the Company's 2015 Annual Report. These unaudited interim consolidated financial statements and footnotes in the Company's 2015 Annual Report.

The preparation of financial statements in conformity with United States generally accepted accounting principles, or GAAP, requires management to make estimates and assumptions that affect reported amounts of assets and liabilities

and the reported amounts of revenues and expenses during the reporting period. Actual results could differ significantly from those estimates.

Amounts in all tables in the Notes to Unaudited Consolidated Financial Statements have been presented in thousands, except percentage, time period, stock option, share and per share data or where otherwise indicated.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Business Segments

Management has determined that the Company has one significant operating segment, which is providing a lending platform for small businesses nationwide. In determining the appropriateness of segment definition, the Company considers the materiality of a potential segment, the components of the business about which financial information is available, and components for which management regularly evaluates relative to resource allocation and performance assessment.

Reclassifications

Certain reclassifications have been made to the prior period's consolidated financial statements to place them on a comparable basis with the current year. Net income and shareholders' equity previously reported were not affected by these reclassifications.

Note 2. Recent Accounting Pronouncements

In March 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2016-08, "Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)" ("ASU 2016-08"). This guidance amends the previously issued ASU No. 2014-09, "Revenue from Contracts with Customers (Topic 606)." ASU 2016-08 clarifies the implementation guidance on principal versus agent considerations in order to determine if revenue will be recognized on a gross or net basis. This guidance is effective for the Company on January 1, 2018 and is not expected to have a material impact on the consolidated financial statements.

In March 2016, the FASB issued ASU No. 2016-09, "Compensation-Stock Compensation (Topic 718): Improvements to Employee Share-Based Payment Accounting" ("ASU 2016-09"). ASU 2016-09 simplifies the accounting for share-based payment transactions for items including income tax consequences, classification of awards as equity or liabilities, and classification on the statement of cash flows. ASU 2016-09 will be effective for the Company on January 1, 2017 and the Company is currently assessing the impact the adoption of this standard will have on the consolidated financial statements.

Note 3. Earnings Per Share

Basic and diluted earnings per share are computed based on the weighted average number of shares outstanding during each period. Diluted earnings per share reflects the potential dilution that could occur, upon the exercise of stock options or upon the vesting of restricted stock grants, any of which would result in the issuance of common stock that would then be shared in the net income of the Company.

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	Three Months
	Ended
	March 31,
	2016 2015
Basic earnings per share:	
Net income available to common shareholders	\$4,691 \$ 8,073
Weighted-average basic shares outstanding	34,176,7283,620,120
Basic earnings per share	\$0.14 \$ 0.28
Diluted earnings per share:	
Net income available to common shareholders, for diluted earnings per share	\$4,691 \$ 8,073
Total weighted-average basic shares outstanding	34,176,7283,620,120
Add effect of dilutive stock options and restricted stock grants	777,839741,721
Total weighted-average diluted shares outstanding	34,954, 5992 ,361,841
Diluted earnings per share	\$0.13 \$ 0.27
Anti-dilutive shares	2,369,81720,447

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Note 4. Securities

The carrying amount of securities and their approximate fair values are reflected in the following table:

	Amortized	Unrealized	Unrealized	Fair
	Cost	Gains	Losses	Value
March 31, 2016				
US government agencies	\$ 22,005	\$ 129	\$ —	\$22,134
Residential mortgage-backed securities	31,627	22	96	31,553
Mutual fund	1,966	21		1,987
Total	\$ 55,598	\$ 172	\$ 96	\$55,674
December 31, 2015				
,	¢ 01 000	ф 01	ф Г	¢ 22 0 C 0
US government agencies	\$ 21,992	\$ 81	\$ 5	\$22,068
Residential mortgage-backed securities	30,131	1	374	29,758
Mutual fund	1,951		15	1,936
Total	\$ 54,074	\$ 82	\$ 394	\$53,762

During the three months ended March 31, 2016, the Company purchased one mortgage-backed security for \$2.4 million for the purpose of complying with the Community Reinvestment Act. During the three months ended March 31, 2016, there was \$15 thousand of dividend reinvestment in the 504 Fund mutual fund. There were no calls, sales or maturities of securities during the three months ended March 31, 2016.

There were no calls, sales or maturities of securities during the three months ended March 31, 2015. On March 31, 2015, the Company invested \$1.9 million in the 504 Fund mutual fund. The investment in this mutual fund was purchased at current market value (190,380.762 shares at \$9.98 per share).

The following tables show gross unrealized losses and fair value, aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position.

	Less Than 12		12 Months or		Total	
	Months		More		Total	
March 21 2016	Fair	Unrealized	Fair	Unrealized	Fair	Unrealized
March 31, 2016	Value	Losses	Value	Losses	Value	Losses
Residential mortgage-backed securities	\$16,254	\$ 73	\$2,978	\$ 23	\$19,232	\$ 96
Total	\$16,254	\$ 73	\$2,978	\$ 23	\$19,232	\$ 96
	Less Tha	in 12	12 Mon	ths or	Totol	
	Months		More		Total	
December 31, 2015	Fair	Unrealized	Fair	Unrealized	Fair	Unrealized
December 31, 2015	Value	Losses	Value	Losses	Value	Losses
US government agencies	\$7,990	\$ 5	\$—	\$ —	\$7,990	\$ 5
Residential mortgage-backed securities	26,015	333	3,019	41	29,034	374
Mutual fund	1,936	15			1,936	15
Total	\$35,941	\$ 353	\$3,019	\$ 41	\$38,960	\$ 394

At March 31, 2016, there were three mortgage-backed securities in unrealized loss positions for greater than 12 months and six mortgage-backed securities in unrealized loss positions for less than 12 months. Unrealized losses at December 31, 2015 were comprised of three mortgage-backed securities in unrealized loss positions for greater than 12 months and one US government agency security, twelve mortgage-backed securities and the 504 Fund mutual fund investment in an unrealized loss position for less than 12 months.

These unrealized losses are primarily the result of volatility in the market and are related to market interest rates. Since none of the unrealized losses relate to marketability of the securities or the issuer's ability to honor redemption obligations, none of the securities are deemed to be other than temporarily impaired. All residential mortgage-backed securities in the Company's portfolio at March 31, 2016 and December 31, 2015 were backed by US government sponsored enterprises ("GSEs").

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The following is a summary of investment securities by maturity:

	March 31, 2016 Available-for-Sale			
	AmortizedFair			
	cost	value		
US government agencies				
Within one year	\$9,212	\$9,229		
One to five years	12,793	12,905		
Total	22,005	22,134		
Residential mortgage-backed securities				
Five to ten years	0.005 0.101			

Five to ten years	9,095	9,101
After 10 years	22,532	22,452
Total	31,627	31,553

Total

\$53,632 \$53,687

The table above reflects contractual maturities. Actual results will differ as the loans underlying the mortgage-backed securities may repay sooner than scheduled. This table excludes the 504 Fund mutual fund investment. At March 31, 2016 and December 31, 2015, an investment security with a fair market value of \$1.2 million and \$1.3 million, respectively, was pledged to secure a line of credit with the Company's correspondent bank.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Note 5. Loans Held for Investment and Allowance for Loan Losses

Loan Portfolio Segments

The following describes the risk characteristics relevant to each of the portfolio segments. Each loan category is assigned a risk grade during the origination and closing process based on criteria described later in this section. Commercial and Industrial

Commercial and industrial loans (C&I) receive similar underwriting treatment as commercial real estate loans in that the repayment source is analyzed to determine its ability to meet cash flow coverage requirements as set forth by Bank policies. Repayment of the Bank's C&I loans generally comes from the generation of cash flow as the result of the borrower's business operations. This business cycle itself brings a certain level of risk to the portfolio. In some instances, these loans may carry a higher degree of risk due to a variety of reasons – illiquid collateral, specialized equipment, highly depreciable assets, uncollectable accounts receivable, revolving balances, or simply being unsecured. As a result of these characteristics, the SBA guarantee on these loans is an important factor in mitigating risk.

Construction and Development

Construction and development loans are for the purpose of acquisition and development of land to be improved through the construction of commercial buildings. Such loans are usually paid off through the conversion to permanent financing for the long-term benefit of the borrower's ongoing operations. At the completion of the project, if the loan is converted to permanent financing or if scheduled loan amortization begins, it is then reclassified to the "Owner Occupied Commercial Real Estate" segment. Underwriting of construction and development loans typically includes analysis of not only the borrower's financial condition and ability to meet the required debt obligations, but also the general market conditions associated with the area and type of project being funded. Owner Occupied Commercial Real Estate

Owner occupied commercial real estate loans are extensions of credit secured by owner occupied collateral. Underwriting generally involves intensive analysis of the financial strength of the borrower and guarantor, liquidation value of the subject collateral, the associated unguaranteed exposure, and any available secondary sources of repayment, with the greatest emphasis given to a borrower's capacity to meet cash flow coverage requirements as set forth by Bank policies. Such repayment of owner-occupied loans is commonly derived from the successful ongoing operations of the business occupying the property. These typically include small businesses and professional practices. Commercial Land

Commercial land loans are extensions of credit secured by farmland. Such loans are often for land improvements related to agricultural endeavors that may include construction of new specialized facilities. These loans are usually repaid through the conversion to permanent financing, or if scheduled loan amortization begins, for the long-term benefit of the borrower's ongoing operations. Underwriting generally involves intensive analysis of the financial strength of the borrower and guarantor, liquidation value of the subject collateral, the associated unguaranteed exposure, and any available secondary sources of repayment, with the greatest emphasis given to a borrower's capacity to meet cash flow coverage requirements as set forth by Bank policies.

Each of the loan types referenced in the sections above is further segmented into verticals in which the Bank chooses to operate. The Bank chooses to finance businesses operating in specific industries because of certain similarities. The similarities range from historical default and loss characteristics to business operations. However, there are differences that create the necessity to underwrite these loans according to varying criteria and guidelines. When underwriting a loan, the Bank considers numerous factors such as cash flow coverage, the credit scores of the guarantors, revenue growth, practice ownership experience and debt service capacity. Minimum guidelines have been set with regard to these various factors and deviations from those guidelines require compensating strengths when considering a proposed loan.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Loans consist of the following:

Loans consist of the following.		
	March 31, 2016	December 31, 2015
Commercial & Industrial		2013
Agriculture	\$23	\$30
Death Care Management	\$,084	4,832
Healthcare	17,365	15,240
Independent Pharmacies	43,185	41,588
Registered Investment Advisors	21,649	18,358
Veterinary Industry	22,385	21,579
Other Industries	7,251	3,230
Total	116,942	104,857
Construction & Development	110,942	104,037
Agriculture	12,420	11,351
Death Care Management	726	769
Healthcare	8,051	7,09
	279	101
Independent Pharmacies	279	378
Registered Investment Advisors		
Veterinary Industry Other Industries	3,646	3,834
	1,966	658
Total	27,374	24,322
Owner Occupied Commercial Real Estate	1.020	1.962
Agriculture	1,929	1,863
Death Care Management	22,318	20,327
Healthcare	44,286	37,684
Independent Pharmacies	7,285	7,298
Registered Investment Advisors	3,035	2,808
Veterinary Industry	61,744	59,999
Other Industries	5,338	4,752
Total	145,935	134,731
Commercial Land		
Agriculture	23,081	16,036
Total	23,081	16,036
Total Loans ¹	313,332	279,946
Net Deferred Costs	3,330	3,056
Discount on SBA 7(a) Unguaranteed ²	,	(3,033)
Loans, Net of Unearned	\$313,633	\$279,969

¹Total loans include \$24.6 million and \$17.2 million of U.S. government guaranteed loans as of March 31, 2016 and December 31, 2015, respectively.

The Company measures the carrying value of the retained portion of loans sold at fair value under ASC Subtopic

2825-10. The value of these retained loan balances is discounted based on the estimates derived from comparable unguaranteed loan sales.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Credit Risk Profile

The Bank uses internal loan reviews to assess the performance of individual loans by industry segment. An independent review of the loan portfolio is performed annually by an external firm. The goal of the Bank's annual review of select borrowers' financial performance is to validate the adequacy of the risk grade assigned. The Bank uses a grading system to rank the quality of each loan. The grade is periodically evaluated and adjusted as performance dictates. Loan grades 1 through 4 are passing grades and grade 5 is special mention. Collectively, grades 6 through 8 represent classified loans in the Bank's portfolio. The following guidelines govern the assignment of these risk grades:

Exceptional Loans (1 Rated): These loans are of the highest quality, with strong, well-documented sources of repayment. Debt service coverage ("DSC") is over 1.75X based on historical results. Secondary source of repayment is strong, with a loan to value ("LTV") of 65% or less if secured solely by commercial real estate ("CRE"). Discounted collateral coverage from all sources should exceed 125%. Guarantors have credit scores above 740.

Quality Loans (2 Rated): These loans are of good quality, with good, well-documented sources of repayment. DSC is over 1.25X based on historical or pro-forma results. Secondary source of repayment is good, with a LTV of 75% or less if secured solely by CRE. Discounted collateral coverage should exceed 100%. Guarantors have credit scores above 700.

Acceptable Loans (3 rated): These loans are of acceptable quality, with acceptable sources of repayment. DSC of over 1.00X based on historical or pro-forma results. Companies that do not meet these credit metrics must be evaluated to determine if they should be graded below this level.

Acceptable Loans (4 rated): These loans are considered very weak pass. These loans are riskier than a 3-rated credit, but due to various mitigating factors are not considered a Special Mention or worse. The mitigating factors must clearly be identified to offset further downgrade. Examples of loans that may be put in this category include start-up loans and loans with less than 1:1 cash flow coverage with other sources of repayment.

Special mention (5 rated): These loans are considered as emerging problems, with potentially unsatisfactory characteristics. These loans require greater management attention. A loan may be put into this category if the Bank is unable to obtain financial reporting from a company to fully evaluate its position.

Substandard (6 rated): Loans graded Substandard are inadequately protected by current sound net worth, paying capacity of the borrower, or pledged collateral. They typically have unsatisfactory characteristics causing more than acceptable levels of risk, and have one or more well-defined weaknesses that could jeopardize the repayment of the debt.

Doubtful (7 rated): Loans graded Doubtful have inherent weaknesses that make collection or liquidation in full questionable. Loans graded Doubtful must be placed on non-accrual status.

Loss (8 rated): Loss rated loans are considered uncollectible and of such little value that their continuance as an active Bank asset is not warranted. The asset should be charged off, even though partial recovery may be possible in the future.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The following tables summarize the risk grades of each category:

The following tubles summarize the fisk g	Pick Gradas	Dick Grada	Dick Grades	
	1 - 4	5	Risk Grades 6 - 8	Total
March 31, 2016	1 - 4	5	0 - 8	
Commercial & Industrial	\$ 23	¢	¢	¢ 2 2
Agriculture		\$ —	\$ —	\$23 5.084
Death Care Management	4,971	104	9	5,084
Healthcare	8,187	3,480	5,698	17,365
Independent Pharmacies	38,239	3,328	1,618	43,185
Registered Investment Advisors	20,545	721	383	21,649
Veterinary Industry	17,839	2,066	2,480	22,385
Other Industries	7,251			7,251
Total	97,055	9,699	10,188	116,942
Construction & Development				
Agriculture	11,515	905		12,420
Death Care Management	726	_	_	726
Healthcare	8,051			8,051
Independent Pharmacies	279			279
Registered Investment Advisors	286			286
Veterinary Industry	2,453	1,193		3,646
Other Industries	1,966			1,966
Total	25,276	2,098		27,374
Owner Occupied Commercial Real Estate	-)		-)
Agriculture	1,929			1,929
Death Care Management	18,639	2,094	1,585	22,318
Healthcare	40,527	3,032	727	44,286
Independent Pharmacies	6,206	1,079		7,285
Registered Investment Advisors	3,035			3,035
Veterinary Industry	46,570	4,304	10,870	61,744
Other Industries	5,338	ч ,50 ч	10,070	5,338
Total	122,244	10,509	13,182	145,935
Commercial Land	122,244	10,309	13,162	145,955
	22.262		710	22 0.01
Agriculture	22,362		719	23,081
Total	22,362		719 ¢ 24.000	23,081
Total ¹	\$ 266,937	\$ 22,306	\$ 24,089	\$313,332

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

	Risk Grades 1 - 4	Risk Grade 5	Risk Grades 6 - 8	Total
December 31, 2015				
Commercial & Industrial				
Agriculture	\$ 30	\$ —	\$ —	\$30
Death Care Management	4,728	104		4,832
Healthcare	8,334	2,160	4,746	15,240
Independent Pharmacies	36,704	3,430	1,454	41,588
Registered Investment Advisors	17,508	850		18,358
Veterinary Industry	16,800	1,817	2,962	21,579
Other Industries	3,089	141		3,230
Total	87,193	8,502	9,162	104,857
Construction & Development				
Agriculture	11,194	157		11,351
Death Care Management	769			769
Healthcare	7,231			7,231
Independent Pharmacies	101			101
Registered Investment Advisors	378			378
Veterinary Industry	2,581	1,253		3,834
Other Industries	658			658
Total	22,912	1,410		24,322
Owner Occupied Commercial Real Estate				
Agriculture	1,863			1,863
Death Care Management	18,223	425	1,679	20,327
Healthcare	33,529	2,930	1,225	37,684
Independent Pharmacies	6,210	1,088		7,298
Registered Investment Advisors	2,808			2,808
Veterinary Industry	45,453	3,171	11,375	59,999
Other Industries	4,752			4,752
Total	112,838	7,614	14,279	134,731
Commercial Land				
Agriculture	16,036			16,036
Total	16,036	_		16,036
Total ¹	\$ 238,979	\$ 17,526	\$ 23,441	\$279,946

Total loans include \$24.6 million of U.S. government guaranteed loans as of March 31, 2016, segregated by risk 1 grade as follows: Risk Grades 1 - 4 = \$5.9 million, Risk Grade 5 = \$3.7 million, Risk Grades 6 - 8 = \$15.0 million. As of December 31, 2015, total loans include \$17.2 million of U.S. government guaranteed loans, segregated by risk grade as follows: Risk Grades 1 - 4 = \$0, Risk Grade 5 = \$2.6 million, Risk Grades 6 - 8 = \$14.6 million.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Past Due Loans

Loans are considered past due if the required principal and interest payments have not been received as of the date such payments were due. Loans less than 30 days past due and accruing are included within current loans shown below. The following tables show an age analysis of past due loans as of the dates presented.

	Less Than Days Past Due & Not Accruing	30-89 Day Past Due	30-89 Day Past Due & ng Not Accru	Than 90	Total Not Accruing st& Past Du Loans	Current	Total Loan	Loans 90 Days or More ^{IS} Past Due & Still Accruing
March 31, 2016								-
Commercial & Industrial								
Agriculture	\$ —	\$ —	\$ —	\$—	\$ —	\$23	\$23	\$ —
Death Care Management			—			5,084	5,084	_
Healthcare	78	188	911	3,222	4,399	12,966	17,365	—
Independent Pharmacies	302	589	270		1,161	42,024	43,185	—
Registered Investment						21.640	21.640	
Advisors		_		_		21,649	21,649	
Veterinary Industry	201		607	885	1,693	20,692	22,385	—
Other Industries			_			7,251	7,251	
Total	581	777	1,788	4,107	7,253	109,689	116,942	—
Construction & Development								
Agriculture			_			12,420	12,420	
Death Care Management			_			726	726	
Healthcare			_			8,051	8,051	
Independent Pharmacies			_			279	279	—
Registered Investment						206	206	
Advisors				_		286	286	
Veterinary Industry			_			3,646	3,646	_
Other Industries			_			1,966	1,966	_
Total			_			27,374	27,374	_
Owner Occupied Commercial								
Real Estate								
Agriculture			_			1,929	1,929	_
Death Care Management	1,423	222	_		1,645	20,673	22,318	_
Healthcare	357	258	133	93	841	43,445	44,286	_
Independent Pharmacies			_			7,285	7,285	_
Registered Investment						2.025	2.025	
Advisors						3,035	3,035	_
Veterinary Industry	1,363	5,038	908	3,357	10,666	51,078	61,744	_
Other Industries			_			5,338	5,338	_
Total	3,143	5,518	1,041	3,450	13,152	132,783	145,935	
Commercial Land								
Agriculture	719		_		719	22,362	23,081	
Total	719				719	22,362	23,081	_

\$ 4,443 \$ 6,295 \$ 2,829 \$ 7,557 \$ 21,124 \$ 292,208 \$ 313,332 \$

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

December 31, 2015 Commercial & Industrial Agriculture \$ \$ \$ 30 \$ 30 \$ Death Care Management 4,832 4,832
Agriculture \$ \$ \$ \$30 \$30 \$
Death Care Management A 922 A 922
Death Care Management — — — — — 4,832 4,832 —
Healthcare — 1,854 30 2,337 4,221 11,019 15,240 —
Independent Pharmacies 314 603 — 917 40,671 41,588 —
Registered Investment
Advisors 18,358 18,358
Veterinary Industry 208 466 1,131 394 2,199 19,380 21,579 —
Other Industries — — — — — — 3,230 3,230 —
Total 522 2,923 1,161 2,731 7,337 97,520 104,857 —
Construction & Development
Agriculture — — — — — — — — — — — 11,351 11,351 —
Death Care Management — — — — — — 769 769 —
Healthcare — — — — — — 7,231 7,231 —
Independent Pharmacies — — — — — — — — — — — 101 101 —
Registered Investment 278 278
Advisors 378 378
Veterinary Industry — — — — — 3,834 3,834 —
Other Industries — — — — — — — — 658 658 —
Total — — — — — 24,322 24,322 —
Owner Occupied Commercial
Real Estate
Agriculture — — — — — — — 1,863 1,863 —
Death Care Management 1,456 223 — 1,679 18,648 20,327 —
Healthcare — 240 135 831 1,206 36,478 37,684 —
Independent Pharmacies — — — — — 7,298 7,298 —
Registered Investment 2 808 2 808
Advisors 2,808
Veterinary Industry 311 5,079 2,048 3,172 10,610 49,389 59,999 —
Other Industries — — — — — 4,752 4,752 —
Total 1,767 5,542 2,183 4,003 13,495 121,236 134,731 —
Commercial Land
Agriculture — — — — — — 16,036 16,036 —
Total — — — — — 16,036 16,036 —
Total ¹ \$ 2,289 \$ 8,465 \$ 3,344 \$ 6,734 \$ 20,832 \$ 259,114 \$ 279,946 \$ —

1 Total loans include \$24.6 million of U.S. government guaranteed loans as of March 31, 2016, of which \$6.6 million is greater than 90 days past due, \$5.0 million is 30-89 days past due and \$13.0 million is included in current loans as presented above. As of December 31, 2015, total loans include \$17.2 million of U.S. government guaranteed loans,

of which \$5.9 million is greater than 90 days past due, \$6.7 million is 30-89 days past due and \$4.6 million is included in current loans as presented above.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Nonaccrual Loans

Loans that become 90 days delinquent, or in cases where there is evidence that the borrower's ability to make the required payments is impaired, are placed in nonaccrual status and interest accrual is discontinued. If interest on nonaccrual loans had been accrued in accordance with the original terms, interest income would have increased by approximately \$199 thousand and \$77 thousand for the three months ended March 31, 2016 and 2015, respectively. All nonaccrual loans are included in the held for investment portfolio.

Nonaccrual loans as of March 31, 2016 and December 31, 2015 are as follows:

	T Decenii	C (1		
March 31, 2016	Loan		Unguaranteed	
	Balance	Balance	Exposure	
Commercial & Industrial				
Healthcare	\$4,211	\$ 3,788	\$ 423	
Independent Pharmacies	572	565	7	
Veterinary Industry	1,693	1,542	151	
Total	6,476	5,895	581	
Owner Occupied Commercial Real Estate				
Death Care Management	1,423	1,264	159	
Healthcare	583	321	262	
Veterinary Industry	5,628	4,388	1,240	
Total	7,634	5,973	1,661	
Commercial Land				
Agriculture	719	540	179	
Total	719	540	179	
Total	\$14,829	\$ 12,408	\$ 2,421	
December 31, 2015	Loan	Guaranteed	Unguaranteed	
December 51, 2015	Balance	Balance	Exposure	
Commercial & Industrial			_	
Healthcare	\$2,367	\$ 2,188	\$ 179	
Independent Pharmacies	314	308	6	
Veterinary Industry	1,733	1,572	161	
Total	4,414	4,068	346	
Owner Occupied Commercial Real Estate				
Death Care Management	1,456	1,290	166	
Healthcare	966	798	168	
Veterinary Industry	5,531	4,174	1,357	
Total	7,953	6,262	1,691	
Total	,	\$ 10,330	\$ 2,037	
	, -=,- 0,	,		

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Allowance for Loan Loss Methodology

The methodology and the estimation process for calculating the Allowance for Loan Losses ("ALL") is described below:

Estimated credit losses should meet the criteria for accrual of a loss contingency, i.e., a provision to the ALL, set forth in GAAP. The Company's methodology for determining the ALL is based on the requirements of GAAP, the Interagency Policy Statement on the Allowance for Loan and Lease Losses and other regulatory and accounting pronouncements. The ALL is determined by the sum of three separate components: (i) the impaired loan component, which addresses specific reserves for impaired loans; (ii) the general reserve component, which addresses reserves for pools of homogeneous loans; and (iii) an unallocated reserve component (if any) based on management's judgment and experience. The loan pools and impaired loans are mutually exclusive; any loan that is impaired is excluded from its homogenous pool for purposes of that pool's reserve calculation, regardless of the level of impairment. The ALL policy for pooled loans is governed in accordance with banking regulatory guidance for homogenous pools

of non-impaired loans that have similar risk characteristics. The Company follows a consistent and structured approach for assessing the need for reserves within each individual loan pool.

Loans are considered impaired when, based on current information and events, it is probable that the creditor will be unable to collect all interest and principal payments due according to the originally contracted, or reasonably modified, terms of the loan agreement. The Company has determined that loans that meet the criteria defined below must be reviewed quarterly to determine if they are impaired.

All commercial loans classified substandard or worse.

Any other delinquent loan that is in a nonaccrual status, or any loan that is delinquent more than 89 days and still accruing interest.

Any loan which has been modified such that it meets the definition of a Troubled Debt Restructuring (TDR). Prior to December 31, 2015, all loans subject to impairment recognition were individually evaluated for impairment. Effective December 31, 2015, the Company's policy for impaired loan accounting subjects all loans to impairment recognition; however, loan relationships with unguaranteed credit exposure of less than \$100,000 are generally not evaluated on an individual basis for impairment and instead are evaluated collectively using a methodology based on historical specific reserves on similar sized loans. Any loan not meeting the above criteria and determined to be impaired is subjected to an impairment analysis, which is a calculation of the probable loss on the loan. This portion is the loan's "impairment," and is established as a specific reserve against the loan, or charged against the ALL. This revision to the allowance methodology did not have a material impact on the allowance recorded at December 31, 2015.

Individual specific reserve amounts imply probability of loss and may not be carried in the reserve indefinitely. When the amount of the actual loss becomes reasonably quantifiable, the amount of the loss is charged off against the ALL, whether or not all liquidation and recovery efforts have been completed. If the total amount of the individual specific reserve that will eventually be charged off cannot yet be sufficiently quantified but some portion of the impairment can be viewed as a confirmed loss, then the confirmed loss portion should be charged off against the ALL and the individual specific reserve reduced by a corresponding amount.

For impaired loans, the reserve amount is calculated on a loan-specific basis. The Company utilizes two methods of analyzing impaired loans not guaranteed by the SBA:

The Fair Market Value of Collateral method utilizes the value at which the collateral could be sold considering the appraised value, appraisal discount rate, prior liens and selling costs. The amount of the reserve is the deficit of the estimated collateral value compared to the loan balance.

The Present Value of Future Cash Flows method takes into account the amount and timing of cash flows and the effective interest rate used to discount the cash flows.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The following table details activity in the allowance for loan losses by portfolio segment allowance for the periods presented:

		Owner			
Three months ended:	Construction &	Occupied	Commercial	Commercial	Total
Three months ended.	Development	Commercial	& Industrial	Land	Total
		Real Estate			
March 31, 2016					
Beginning Balance	\$ 1,064	\$ 2,486	\$ 2,766	\$ 1,099	\$7,415
Charge offs	_	(7)	(268)		(275)
Recoveries			43		43
Provision	99	96	804	434	1,433
Ending Balance	\$ 1,163	\$ 2,575	\$ 3,345	\$ 1,533	\$8,616
March 31, 2015					
Beginning Balance	\$ 586	\$ 2,291	\$ 1,369	\$ 161	\$4,407
Charge offs	_	(79)	(172)		(251)
Recoveries	_	1			1
Provision	169	(151)	866	193	1,077
Ending Balance	\$ 755	\$ 2,062	\$ 2,063	\$ 354	\$5,234

The following tables detail the recorded allowance for loan losses and the investment in loans related to each portfolio segment, disaggregated on the basis of impairment evaluation methodology:

		Owner			
March 21 2016	Construction &	Occupied	Commercial	Commercial	Total
March 31, 2016	Development	Commercial	& Industrial	Land	Total
		Real Estate			
Allowance for Loan Losses:					
Loans individually evaluated for impairment	\$ —	\$ 1,104	\$ 961	\$ 82	\$2,147
Loans collectively evaluated for impairment ²	1,163	1,471	2,384	1,451	6,469
Total allowance for loan losses	\$ 1,163	\$ 2,575	\$ 3,345	\$ 1,533	\$8,616
Loans receivable ¹ :					
Loans individually evaluated for impairment	\$ —	\$ 11,655	\$ 4,843	\$ 713	\$17,211
Loans collectively evaluated for impairment ²	27,374	134,280	112,099	22,368	296,121
Total loans receivable	\$ 27,374	\$ 145,935	\$ 116,942	\$ 23,081	\$313,332
20					

Live Oak Bancshares, Inc.

Notes to Unaudited Consolidated Financial Statements

December 31, 2015	Construction & Development	Commercial	Commercial & Industrial	Commercial Land	Total
Allowance for Loan Losses:					
Loans individually evaluated for impairment	\$ —	\$ 1,090	\$ 672	\$ —	\$1,762
Loans collectively evaluated for impairment ²	1,064	1,396	2,094	1,099	5,653
Total allowance for loan losses	\$ 1,064	\$ 2,486	\$ 2,766	\$ 1,099	\$7,415
Loans Receivable ¹ :					
Loans individually evaluated for impairment	\$ —	\$ 9,821	\$ 3,226	\$ —	\$13,047
Loans collectively evaluated for impairment ²	24,322	124,910	101,631	16,036	266,899
Total loans receivable	\$ 24,322	\$ 134,731	\$ 104,857	\$ 16,036	\$279,946

Loans receivable includes \$24.6 million of U.S. government guaranteed loans as of March 31, 2016, of which \$15.4 1 million are impaired. As of December 31, 2015, loans receivable includes \$17.2 million of U.S. government guaranteed loans, of which \$14.1 million are considered impaired.

Included in loans collectively evaluated for impairment are impaired loans with individual unguaranteed exposure of less than \$100 thousand. As of March 31, 2016, these balances totaled \$9.3 million, of which \$7.4 million are 2 guaranteed by the U.S. government and \$1.9 million are unguaranteed. As of December 31, 2015, these balances

² totaled \$8.6 million, of which \$7.5 million are guaranteed by the U.S. government and \$1.1 million are unguaranteed. The allowance for loan losses associated with these loans totaled \$602 thousand and \$352 thousand as of March 31, 2016 and December 31, 2015, respectively.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Loans classified as impaired as of the dates presented are summarized in the following tables.

Loans classified as impaired as of the date	•		
March 31, 2016	Recorded	Guaranteed	Unguaranteed
March 51, 2010	Investment	Balance	Exposure
Commercial & Industrial			
Death Care Management	\$ 9	\$ —	\$ 9
Healthcare	5,697	3,788	1,909
Independent Pharmacies	1,960	886	1,074
Registered Investment Advisors	385		385
Veterinary Industry	2,793	2,002	791
Total	10,844	6,676	4,168
Owner Occupied Commercial Real Estate			
Death Care Management	1,583	1,264	319
Healthcare	1,062	321	741
Veterinary Industry	12,273	6,551	5,722
Total	14,918	8,136	6,782
Commercial Land			
Agriculture	713	539	174
Total	713	539	174
Total	\$ 26,475	\$ 15,351	\$ 11,124
December 31, 2015	Recorded	Guaranteed	Unguaranteed
December 51, 2015	Investment	Balance	Exposure
Commercial & Industrial			
Healthcare	\$ 4,442	\$ 3,341	\$ 1,101
Independent Pharmacies	1,546	637	909
Veterinary Industry	2,256	1,731	525
Total	8,244	5,709	2,535
Owner Occupied Commercial Real Estate			
Death Care Management	1,454	1,290	164
Healthcare	965	799	166
Veterinary Industry	11,003	6,349	4,654
Total	13,422	8,438	4,984
Total	\$ 21,666	\$ 14,147	\$ 7,519
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Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The following table presents evaluated balances of loans classified as impaired at the dates presented that carried an associated reserve as compared to those with no reserve. The recorded investment includes accrued interest and net deferred loan fees or costs.

	March 31, 2016					
	Recorde	d Investmen	t			
	With a	With No		Unpaid	Related	
	Recorde	dRecorded	Total	Principal	Allowance	
	Allowan	c A llowance		Balance	Recorded	
Commercial & Industrial						
Death Care Management	\$9	\$ —	\$9	\$9	\$ 3	
Healthcare	5,501	196	5,697	6,160	635	
Independent Pharmacies	1,616	344	1,960	2,057	311	
Registered Investment Advisors		385	385	383		
Veterinary Industry	2,793		2,793	3,207	365	
Total	9,919	925	10,844	11,816	1,314	
Owner Occupied Commercial Real Estate						
Death Care Management	1,583	_	1,583	1,720	55	
Healthcare	931	131	1,062	1,062	111	
Veterinary Industry	10,009	2,264	12,273	12,995	1,187	
Total	12,523	2,395	14,918	15,777	1,353	
Commercial Land						
Agriculture	713		713	719	82	
Total	713		713	719	82	
Total Impaired Loans	\$23,155	\$ 3,320	\$26,475	\$28,312	\$ 2,749	
	Decemb	er 31, 2015				
	Recorde	d Investmen	ıt			
	With a	With No		Unpaid	Related	
	Recorde	dRecorded	Total	Principal	Allowance	
	Allowan	cAllowance		Balance	Recorded	
Commercial & Industrial						
Healthcare	\$4,242	\$ 200	\$4,442	\$4,742	\$ 478	
Independent Pharmacies	1,199	347	1,546	2,041	287	
Veterinary Industry	2,051	205	2,256	3,270	138	
Total	7,492	752	8,244	10,053	903	
Owner Occupied Commercial Real Estate						
Death Care Management	1,454		1,454	1,591	9	
Healthcare	965		965	1,096	96	
Veterinary Industry	9,265	1,738	11,003	11,856	1,106	
Total	11,684	1,738	13,422	14,543	1,211	
Total Impaired Loans	\$19,176	\$ 2,490	\$21,666	\$24,596	\$ 2,114	

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

	Three m March 3 Average Balance	1, 2016 Interes	et e	Three m March 3 Average Balance	31, 20 Inte Inc			
Commercial & Industrial	\$ 0	¢		¢				
Death Care Management	\$9	\$		\$	\$			
Healthcare	5,802	79		3,748	23			
Independent Pharmacies	1,881	73		1,817	12			
Registered Investment Advisors	385	7						
Veterinary Industry	2,814	29		3,804	3			
Total	10,891	188		9,369	38			
Owner Occupied Commercial Real Estate								
Death Care Management	1,594	7		1,532	—			
Healthcare	987	19		2,136				
Veterinary Industry	12,287	211		11,806	39			
Other Industries	—	—		283				
Total	14,868	237		15,757	39			
Commercial Land								
Agriculture	1,120							
Total	1,120							
Total	\$26,879			\$25,126		77		
The following table represent the types of								
			nded l			e months e	ndee	d March
	31, 2016				31, 2			
	All Rest	ructurin	gs		All Restructurings			
	Pre-		Post-		Pr	e-	Pos	st-
	Number	ict ation	modi	fication	Num	deduction	mo	dification
	LoRnescon	ded	Reco	rded	LoR	escorded	Ree	corded
	Invest	tment	Inves	tment	In	vestment	Inv	estment
Interest Only								
Commercial & Industrial								
Healthcare	_\$ _	-	\$ -	_	3 \$	229	\$	225
Owner Occupied Commercial Real Estate								
Healthcare					1 41		40	
Total Interest Only					4 27	0	265	5
Payment Deferral								
Commercial & Industrial								
Veterinary Industry	1 420		420			-		
Total Payment Deferral	1 420		420			-		
Total	1 \$ 42	20	\$ 42	20	4 \$	270	\$	265

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Concessions made to improve a loan's performance have varying degrees of success. No TDRs that were modified within the twelve months ended March 31, 2016 subsequently defaulted during the three months ended March 31, 2016.

The following table presents loans that were modified as TDRs within the previous twelve months ending March 31, 2015 for which there was a payment default:

	March 31,		
	2015		
	TDR Defaults		
	Nu	mber Recorded	
	of	Recorded	
	Re	Investment	
Interest Only			
Commercial and Industrial:			
Healthcare	3	\$ 223	
Owner Occupied Commercial Real Estate:			
Healthcare	1	40	
Veterinary Industry	1	74	
Total Interest Only	5	337	
Payment Deferral			
Owner Occupied Commercial Real Estate:			
Deathcare Management	1	1,697	
Total Payment Deferral	1	1,697	
Total	6	\$ 2,034	

Note 6. Servicing Assets

Loans serviced for others are not included in the accompanying balance sheet. The unpaid principal balances of loans serviced for others were \$2.05 billion and \$1.94 billion at March 31, 2016 and December 31, 2015, respectively. The following summarizes the activity pertaining to servicing rights:

	Three Months		
	Ended		
	March 31,		
	2016	2015	
Balance at beginning of period	\$44,230	\$34,999	
Additions, net	3,715	3,336	
Fair value changes:			
Due to changes in valuation inputs or assumptions	821	1,406	
Decay due to increases in principal paydowns or runoff	(1,389)	(1,284)	
Balance at end of period	\$47,377	\$38,457	

The fair value of servicing rights was determined using discount rates ranging from 8.40% to 12.60% on March 31, 2016, and 7.30% to 12.00% on March 31, 2015. The fair value of servicing rights was determined using prepayment speeds ranging from 3.90% to 9.90% on March 31, 2016 and 1.80% to 9.60% on March 31, 2015, depending on the stratification of the specific right. Changes to fair value are reported in loan servicing revenue and revaluation within the consolidated statements of income.

The fair value of servicing rights is highly sensitive to changes in underlying assumptions. Changes in prepayment speed assumptions have the most significant impact on the fair value of servicing rights. Generally, as interest rates rise on variable rate loans, loan prepayments increase due to an increase in refinance activity, which results in a

decrease in the fair value of servicing assets. Measurement of fair value is limited to the conditions existing and the assumptions used as of a particular point in time, and those assumptions may not be appropriate if they are applied at a different time.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Note 7. Borrowings Total outstanding long term borrowings consisted of the following:

March 31, 2016	December 31, 2015
	\$ 24,000
	_
4,276	4,375
edit with y These line of advan e Compar ch 31, 201 mpany m market co	s are ces. These ny had no .6 and ust onditions at
	31, 2016 \$23,995 n f

The Company may borrow funds through the Federal Reserve Bank's discount window. These borrowings are secured by a blanket floating lien on qualifying loans with a balance of \$224.9 million and \$192.2 million as of March 31, 2016 and December 31, 2015, respectively. At March 31, 2016 and December 31, 2015, the Company

had approximately \$101.8 million and \$86.7 million, respectively, in borrowing capacity available under these arrangements with no outstanding balance as of March 31, 2016 or December 31, 2015.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Note 8. Fair Value of Financial Instruments

Fair Value Hierarchy

There are three levels of inputs in the fair value hierarchy that may be used to measure fair value. Financial instruments are considered Level 1 when valuation can be based on quoted prices in active markets for identical assets or liabilities. Level 2 financial instruments are valued using quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or models using inputs that are observable or can be corroborated by observable market data of substantially the full term of the assets or liabilities. Financial instruments are considered Level 3 when their values are determined using pricing models, discounted cash flow methodologies or similar techniques and at least one significant model assumption or input is unobservable and when determination of the fair value requires significant management judgment or estimation.

Financial Instruments Measured at Fair Value

The following sections provide a description of the valuation methodologies used for instruments measured at fair value, as well as the general classification of such instruments pursuant to the fair value hierarchy:

Investment Securities: Where quoted prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities would include highly liquid government bonds, mortgage products and exchange traded equities. If quoted market prices are not available, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics, discounted cash flow or at net asset value per share. Level 2 securities would include US government agency securities, mortgage-backed securities, obligations of states and political subdivisions and certain corporate, asset backed mutual fund and other securities. In certain cases where there is limited activity or less transparency around inputs to the valuation, securities are classified within Level 3 of the valuation hierarchy.

Impaired Loans: Impairment of a loan is based on the fair value of the collateral of the loan for collateral-dependent loans. Fair value of the loan's collateral, when the loan is dependent on collateral, is determined by appraisals or independent valuation which is then adjusted for the cost related to liquidation of the collateral. For non-collateral dependent loans, impairment is determined by the present value of expected future cash flows. Impaired loans classified as Level 3 are based on management's judgment and estimation.

Servicing Assets: Servicing rights do not trade in an active, open market with readily observable prices. While sales of servicing rights do occur, the precise terms and conditions typically are not readily available. Accordingly, the Company estimates the fair value of servicing rights using discounted cash flow models incorporating numerous assumptions from the perspective of a market participant including servicing income, servicing costs, market discount rates and prepayment speeds. Due to the nature of the valuation inputs, servicing rights are classified within Level 3 of the valuation hierarchy.

Foreclosed Assets: Foreclosed real estate is adjusted to fair value less selling costs upon transfer of the loans to foreclosed real estate. Subsequently, foreclosed real estate is carried at the lower of carrying value or fair value less selling costs. Fair value is based upon independent market prices, appraised values of the collateral or management's estimation of the value of the collateral. When the fair value of the collateral is based on an observable market price or a current appraised value, the Company records the foreclosed asset as nonrecurring Level 2. When an appraised value is not available or management determines the fair value of the collateral is further impaired below the appraised value and there is no observable market price, the Company records foreclosed real estate as nonrecurring Level 3. Foreclosed assets classified as Level 3 are based on management's judgment and estimation.

Recurring Fair Value

The tables below present the recorded amount of assets and liabilities measured at fair value on a recurring basis.March 31, 2016TotalLevel 1Level 2Level 3Investment securities available-for-saleUS government agencies\$22,134\$-\$22,134\$--\$22,134

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Residential mortgage-backed securities	31,553	 31,553	
Mutual fund	1,987	 1,987	
Servicing assets ¹	47,377	 	47,377
Total assets at fair value	\$103,051	\$ -\$55,674	\$47,377

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

December 31, 2015	Tot	tal	Level	1 Level	2 Level 3		
Investment securities available-	for-sale						
US government agencies	\$22	2,068	\$	-\$22,0)68 \$—		
Residential mortgage-backed se	ecurities 29,	758		29,75	58 —		
Mutual fund	1,9	36		1,936) —		
Servicing assets ¹	44,	230			44,230		
Total assets at fair value	\$9	7,992	\$	-\$53,7	762 \$44,230		
1 See Note 6 for a rollforward o	f recurring	Level	3 fair	values fo	or servicing a	ssets.	
Non-recurring Fair Value	C C				C		
The tables below present the re-	corded amo	unt of	fassets	and liat	oilities measu	red at fair value on	a non-recurring basis.
March 31, 2016 Total	Level 1	Leve	12 Le	vel 3			C
Impaired loans \$20,4	60 \$ -	-\$	-\$2	0,460			
Foreclosed assets 3,020			3,0	20			
Total assets at fair value \$23,4	80 \$ -	-\$	-\$2	3,480			
December 31, 2015 Total	Level 1	Leve	12 Le	vel 3			
Impaired loans \$17,0	84 \$ -	-\$	_\$ 1′	7,084			
Foreclosed assets 2,666			2,6				
Total assets at fair value \$19,7		-\$	-\$19	9,750			
Level 3 Analysis				, ,			
For Level 3 assets and liabilitie	s measured	at fai	r value	on a rec	urring or non	-recurring basis as	of March 31, 2016 and
December 31, 2015 the signific					-	-	
March 31, 2016			1				
						Significant	
Level 3 Assets with Significant	Fair Value	Valu	ation 7	Techniqu	ie	Unobservable	Range
Unobservable Inputs						Inputs	C
						Appraisal	1000
· · · ·	¢ 2 0.460	Disc	ounted	apprais	als	adjustments (1)	10% to 29%
Impaired Loans	\$ 20,460					Interest rate &	Weighted average
				1		repayment term	discount rate 5.76%
	* • • • •					Appraisal	
Foreclosed Assets	\$ 3,020	Disc	ounted	apprais	als	adjustments (1)	10% to 35%
December 31, 2015							
						Significant	
Level 3 Assets with Significant	Fair Value	Valu	ation 7	Techniqu	ie	Unobservable	Range
Unobservable Inputs				1		Inputs	C
						Appraisal	
	* 1 * * *	Disc	ounted	apprais	als	adjustments (1)	10% to 20%
Impaired Loans	\$ 17,084					Interest rate &	Weighted average
		•		r		repayment term	discount rate 5.57%
F 1 1 4	• • • • • • •	D .	-		1	Appraisal	1000
Foreclosed Assets	\$ 2,666	Disc	ounted	apprais	als	adjustments (1)	10% to 20%
	1					• • • • • •	

(1) Appraisals may be adjusted by management for customized discounting criteria, estimated sales costs, and proprietary qualitative adjustments.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Estimated Fair Value of Other Financial Instruments

GAAP also requires disclosure of fair value information about financial instruments carried at book value on the balance sheet. In cases where quoted market prices are not available, fair values are based on estimates using present value or other valuation techniques. Those techniques are significantly affected by the assumptions used, including the discount rate and estimates of future cash flows. In that regard, the derived fair value estimates cannot be substantiated by comparison to independent markets and, in many cases, could not be realized in immediate settlement of the instruments. Accordingly, the aggregate fair value amounts presented do not represent the underlying value of the Company.

The following methods and assumptions were used by the Company in estimating its fair value disclosures for financial instruments not measured at fair value on the balance sheets:

Cash and due from banks: The carrying amounts reported in the balance sheet for cash and due from banks approximate their fair values.

Certificates of deposit with other banks: The fair value of certificates of deposit with other banks is estimated based on discounting cash flows using the rates currently offered for instruments of similar remaining maturities.

Loans held for sale: The fair values of loans held for sale are based on quoted market prices, where available, and determined by discounting estimated cash flows using interest rates approximating the Company's current origination rates for similar loans adjusted to reflect the inherent credit risk.

Loans held for investment: For variable-rate loans that reprice frequently and with no significant change in credit risk, fair values are based on carrying amounts. The fair values for other loans are estimated using discounted cash flow analysis, based on interest rates currently being offered for loans with similar terms to borrowers of similar credit quality. Loan fair value estimates include judgments regarding future expected loss experience and risk characteristics. Fair values for impaired loans are estimated using discounted cash flow analysis or underlying collateral values, where applicable.

Accrued Interest: The carrying amounts of accrued interest approximate fair value.

Deposits: The fair values disclosed for demand deposits (e.g., interest and non-interest checking, passbook savings, and certain types of money market accounts) are, by definition, equal to the amount payable on demand at the reporting date (i.e., their carrying amounts). The carrying amounts of variable-rate, fixed-term money market accounts and certificates of deposit approximate their fair values at the reporting date. Fair values for fixed-rate certificates of deposit are estimated using a discounted cash flow calculation that applies interest rates currently being offered on certificates to a schedule of aggregated expected monthly maturities on time deposits.

Short and long term borrowings: The fair values of the Company's short term borrowings approximate fair value while long term borrowings are estimated using discounted cash flow analyses based on the Company's current incremental debt rates for similar types of debt arrangements.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The carrying amounts and estimated fair values of the Company's financial instruments are as follows:

5 6		1 2			
March 31, 2016	Carrying Amount	Quoted Price In Active Markets for Identical Assets /Liabilities (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value
Financial assets	\$ 22 (5 5 (• • • • • • • • • • • • • • • • • • •	¢	ф.	\$ 226 556
Cash and due from banks		\$ 226,556	\$ -	-\$	-\$226,556
Certificates of deposit with other banks		8,995			8,995
Investment securities, available-for-sale			55,674		55,674
Loans held for sale	537,293			555,691	555,691
Loans, net of allowance for loan losses	-			300,807	300,807
Servicing assets	47,377			47,377	47,377
Accrued interest receivable	6,066	6,066			6,066
Financial liabilities					
Deposits	1,015,465		1,015,324		1,015,324
Accrued interest payable	207	207			207
Long term borrowings	28,271			30,871	30,871
December 31, 2015		/Liabilities	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value
Financial assets		(Level 1)	· · · · ·		
		(Level 1)			
Cash and due from banks	\$102,607			-\$ —	-\$102,607
				-\$	-\$102,607 10,176
Cash and due from banks	10,250	\$ 102,607			
Cash and due from banks Certificates of deposit with other banks	10,250	\$ 102,607	\$	_	10,176
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale	10,250 53,762 480,619	\$ 102,607 10,176	\$	— — 497,868	10,176 53,762
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale	10,250 53,762 480,619	\$ 102,607 10,176 	\$	 497,868 268,816	10,176 53,762 497,868
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale Loans, net of allowance for loan losses	10,250 53,762 480,619 272,554	\$ 102,607 10,176 	\$	 497,868 268,816 44,230	10,176 53,762 497,868 268,816
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale Loans, net of allowance for loan losses Servicing assets	10,250 53,762 480,619 272,554 44,230	\$ 102,607 10,176 — — —	\$	 497,868 268,816 44,230	10,176 53,762 497,868 268,816 44,230
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale Loans, net of allowance for loan losses Servicing assets Accrued interest receivable	10,250 53,762 480,619 272,554 44,230	\$ 102,607 10,176 	\$	 497,868 268,816 44,230 	10,176 53,762 497,868 268,816 44,230
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale Loans, net of allowance for loan losses Servicing assets Accrued interest receivable Financial liabilities	10,250 53,762 480,619 272,554 44,230 5,556	\$ 102,607 10,176 	\$ 53,762 	 497,868 268,816 44,230 	10,176 53,762 497,868 268,816 44,230 5,556
Cash and due from banks Certificates of deposit with other banks Investment securities, available-for-sale Loans held for sale Loans, net of allowance for loan losses Servicing assets Accrued interest receivable Financial liabilities Deposits	10,250 53,762 480,619 272,554 44,230 5,556 804,788	\$ 102,607 10,176 	\$ 53,762 	 497,868 268,816 44,230 	10,176 53,762 497,868 268,816 44,230 5,556 792,820

Note 9. Commitments and Contingencies

Litigation

In the normal course of business the Company is involved in various legal proceedings. Management believes that the outcome of such proceedings will not materially affect the financial position, results of operations or cash flows of the Company.

Financial Instruments with Off-balance-sheet Risk

The Company is party to financial instruments with off-balance-sheet risk in the normal course of business to meet the financing needs of its customers. These financial instruments include commitments to extend credit and standby

letters of credit. These instruments involve, to varying degrees, credit risk in excess of the amount recognized in the balance sheet.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The Company's exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to extend credit and standby letters of credit is represented by the contractual amount of those instruments. The Company uses the same credit policies in making commitments and conditional obligations as for on-balance-sheet instruments. A summary of the Company's commitments is as follows:

	March	December
	31,	31,
	2016	2015
Commitments to extend credit	\$953,576	\$737,572
Plexus Capital - Fund II Investment Commitment	100	100
Plexus Capital - Fund III Investment Commitment	300	300
Five Points Mezzanine Fund III Commitment	1,500	1,500
Total unfunded off-balance sheet credit risk	\$955,476	\$739,472

Commitments to extend credit are agreements to lend to a customer as long as there is no violation of any condition established in the contract. Commitments generally have fixed expiration dates or other termination clauses and may require payment of a fee. Since many of the commitments are expected to expire without being drawn upon, the total commitment amounts do not necessarily represent future cash requirements. The Company evaluates each customer's creditworthiness on a case-by-case basis. The amount of collateral obtained, if deemed necessary by the Company upon extension of credit, is based on management's credit evaluation of the party. Collateral held varies, but may include accounts receivable, inventory, property and equipment, residential real estate and income-producing commercial properties. In 2012, the Company began issuing commitment letters after approval of the loan by the Credit Department. Commitment letters generally expire ninety days after issuance.

Standby letters of credit are conditional commitments issued by the Company to guarantee the performance of a customer to a third party. Those guarantees are primarily issued to support public and private borrowing arrangements. The credit risk involved in issuing letters of credit is essentially the same as that involved in extending loan facilities to customers. Collateral held varies as specified above and is required in instances which the Company deems necessary. There were no standby letters of credit for the periods presented. Concentrations of Credit Risk

Although the Company is not subject to any geographic concentrations, a substantial amount of the Company's loans and commitments to extend credit have been granted to customers in the independent pharmacy and veterinary verticals. The concentrations of credit by type of loan are set forth in Note 5. The distribution of commitments to extend credit approximates the distribution of loans outstanding. The Company does not have a significant number of credits to any single borrower or group of related borrowers whereby their retained unguaranteed exposure exceeds \$2.0 million, except for six relationships that have a retained unguaranteed exposure of \$16.1 million.

The Company from time-to-time may have cash and cash equivalents on deposit with financial institutions that exceed federally-insured limits.

Note 10. Stock Plans

On March 20, 2015, the Company adopted the 2015 Omnibus Stock Incentive Plan ("2015 Omnibus Plan") which replaced the previously existing Amended Incentive Stock Option Plan and Nonstatutory Stock Option Plan. The 2015 Omnibus Plan authorized awards covering a maximum of 4,300,000 common voting shares and has an expiration date of March 20, 2025. Options or restricted shares granted under this plan expire no more than 10 years from date of grant. Exercise prices under the plan are set by the Board of Directors at the date of grant, but shall not be less than 100% of fair market value of the related stock at the date of the grant. Options or restricted shares vest over a minimum of three years from the date of the grant. Stock Options

Compensation cost relating to share-based payment transactions are recognized in the financial statements with measurement based upon the fair value of the equity or liability instruments issued. For the three months ended March 31, 2016 and 2015, the Company recognized \$592 thousand and \$118 thousand in compensation expense for stock options, respectively.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

Stock option activity under the plan during the three month periods ended March 31, 2016 and 2015 is summarized below.

			Waightad			
		Weighted	Weighted Average	Aggregate		
	Shares	Average	Remaining			
	Shares	Exercise Price	e			
		Exercise Frice	Term	Value		
Outstand's at Descent and 21, 2015	2 5 4 6 002	ф 11 1 7	Term			
Outstanding at December 31, 2015						
Exercised	8,203	5.80				
Forfeited	12,583	9.24				
Granted	139,354	13.59				
Outstanding at March 31, 2016	3,665,560	\$ 11.28	8.78 years	\$16,655,155		
Exercisable at March 31, 2016	327,417	\$ 5.30	7.88 years	\$3,176,186		
			Weighted			
		Weighted	Average	Aggregate		
	Shares	Average	Remaining	Intrinsic		
		Exercise Price	Contractual	Value		
			Terms			
Outstanding at December 31, 2014	1,737,570	\$ 5.51				
Exercised	3,679	4.40				
Forfeited	20,823	5.10				
Granted	394,753	10.63				
Outstanding at March 31, 2015	2,107,821	\$ 6.48	9.19 years	\$8,759,162		
Exercisable at March 31, 2015	180,509	\$ 3.87	8.54 years	\$1,220,457		
The following is a summary of non	-vested sto	ck option activi	ty for the Co	mpany for the three months ended		
March 31, 2016 and 2015.		•	-			
Weighted						

	Shares	Average
	Shares	Grant Date
		Fair Value
Non-vested at December 31, 2015	3,393,441	\$ 4.56
Granted	139,354	6.37
Vested	182,069	1.19
Forfeited	12,583	3.10
Non-vested at March 31, 2016	3,338,143	\$ 4.82
		Weighted
	Shares	Average
	Sildies	Grant Date
		Fair Value
Non-vested at December 31, 2014	1,704,230	\$ 1.18
Granted	394,753	3.87
Vested	150,848	0.58
Forfeited	20,823	0.95
Non-vested at March 31, 2015	1,927,312	\$ 1.79

The total intrinsic value of options exercised at March 31, 2016 and 2015 was \$70 thousand and \$23 thousand, respectively.

At March 31, 2016, unrecognized compensation costs relating to stock options amounted to \$14.5 million which will be recognized over a weighted average period of 3.82 years.

Live Oak Bancshares, Inc. Notes to Unaudited Consolidated Financial Statements

The weighted average fair value of each stock option grant is estimated on the date of grant using the Black-Scholes option-pricing model. The expected volatility is based on historical volatility. The risk-free interest rates for periods within the contractual life of the awards are based on the U.S. Treasury yield curve in effect at the time of the grant. The expected life is based on historical exercise experience. The dividend yield assumption is based on the Company's history and expectation of dividend payouts. Weighted average assumptions used for options granted during 2016 were as follows: risk free rate of 1.54%, dividend yield of 0.05%, volatility of 44.20% and average life of 7 years. Restricted Stock

Restricted stock activity under the plan during the first three months of 2016 is summarized below.

		Weighted
	Shares	Average Grant
		Date Fair Value
Non-vested at December 31, 2015	64,271	\$ 16.17
Granted		_
Vested	2,798	10.63
Forfeited		_
Non-vested at March 31, 2016	61,473	\$ 16.42

For the three months ended March 31, 2016 and 2015, the Company recognized \$67 thousand and \$8 thousand in compensation expense for restricted stock, respectively.

At March 31, 2016, unrecognized compensation costs relating to restricted stock amounted to \$824 thousand which will be recognized over a weighted average period of 1.54 years.

The fair value of each restricted stock unit is based on the market value of the Company's stock on the date of the grant.

Stock Awards

On March 23, 2016 the 162(m) Subcommittee of the Compensation Committee of the Board of Directors of the Company approved restricted stock unit ("RSU") awards. The vesting of these awards is subject to the approval by the Company's shareholders of certain amendments to the Company's 2015 Omnibus Plan, including an increase in the number of shares authorized under the 2015 Omnibus Plan. These items for shareholder approval will be submitted for a vote at the annual meeting of shareholders scheduled for May 24, 2016. In the event that such amendments are not approved by the shareholders, then the RSUs will be canceled. Accordingly, the grant date of these RSU awards will not occur until requisite shareholder approval is received. As such, expense related to these awards will not be measurable for recognition unless and until approval occurs. The terms of these RSU awards are discussed in more detail below.

RSU awards: Recipients are entitled to receive 507,500 shares of the Company's voting common stock upon vesting of the RSUs. The vesting of the RSUs is subject to the Company achieving total revenue of at least \$100 million for fiscal year 2016. A subcommittee of the Compensation Committee will, promptly following the conclusion of fiscal year 2016 and no later than April 30, 2017, certify in writing whether the performance criteria has been achieved. In the event the Company does not meet this performance criteria, all of the RSUs will be forfeited. If employment terminates for any reason (other than death or Disability, as such term is defined in the Plan) before the RSUs vest, all of the RSUs will be forfeited. Shares delivered under the award will be subject to clawback in the event of voluntary termination of employment before December 31, 2020.

RSU awards with market price condition: Recipients are entitled to receive 850,000 shares of the Company's voting common stock upon vesting of the RSUs. The vesting of the RSUs under this award is subject to the Company achieving total revenue of at least \$100 million for fiscal year 2016. In addition, in order for the RSUs to vest, the Company's voting common stock must attain a closing price equal to or greater than \$34.00 per share for at least twenty (20) consecutive trading days at any time prior to March 23, 2023. In the event of a Corporate Transaction (as

such term is defined in the Plan) or the termination of employment due to death or Disability, in each case prior to March 23, 2023, a portion of the RSUs are eligible for vesting if the applicable modified stock price is achieved.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations The following presents management's discussion and analysis of the financial condition and results of operations of Live Oak Bancshares, Inc. (the "Company" or "LOB"). This discussion should be read in conjunction with the financial statements and related notes included elsewhere in this quarterly report on Form 10-Q and with the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015 (the "2015 Annual Report"). Results of operations for the periods included in this review are not necessarily indicative of results to be obtained during any future period. Important Note Regarding Forward-Looking Statements

This quarterly report on Form 10-Q contains statements that management believes are forward-looking statements, within the meaning of the Private Securities Litigation Reform Act of 1995. These statements generally relate to the Company's financial condition, results of operations, plans, objectives, future performance or business. They usually can be identified by the use of forward-looking terminology, such as "believes," "expects," or "are expected to," "plans," "projects," "goals," "estimates," "will," "may," "should," "could," "would," "continues," "intends to," "outlook" or "anticipate variations of these and similar words, or by discussions of strategies that involve risks and uncertainties. You should not place undue reliance on these statements, as they are subject to risks and uncertainties, including but not limited to, those described in this quarterly report on Form 10-Q. When considering these forward-looking statements, you should keep in mind these risks and uncertainties, as well as any cautionary statements management may make. Moreover, you should treat these statements as speaking only as of the date they are made and based only on information actually known to the Company at the time. Management undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise. Forward-looking statements contained in this quarterly report on Form 10-Q are based on current expectations, estimates and projections about the Company's business, management's beliefs and assumptions made by management. These statements are not guarantees of the Company's future performance and involve certain risks, uncertainties and assumptions, which are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in the forward-looking statements. These risks, uncertainties and assumptions include, without limitation:

deterioration in the financial condition of borrowers resulting in significant increases in the Company's loan losses and provisions for those losses and other adverse impacts to results of operations and financial condition; changes in Small Business Administration ("SBA") rules, regulations and loan products, including specifically the Section 7(a) program, changes in SBA standard operating procedures or changes to the Bank's status as an SBA Preferred Lender;

changes in interest rates that affect the level and composition of deposits, loan demand and the values of loan collateral, securities, and interest sensitive assets and liabilities;

the failure of assumptions underlying the establishment of reserves for possible loan losses;

• changes in loan underwriting, credit review or loss reserve policies associated with economic conditions, examination conclusions, or regulatory developments;

a reduction in or the termination of the Company's ability to use the technology-based platform that is critical to the success of the Company's business model, including a failure in or a breach of the Company's operational or security systems or those of its third party service providers;

changes in financial market conditions, either internationally, nationally or locally in areas in which the

• Company conducts operations, including reductions in rates of business formation and growth, demand for the Company's products and services, commercial and residential real estate development and prices, premiums paid in the secondary market for the sale of loans, and valuation of servicing rights;

changes in accounting principles, policies, and guidelines applicable to bank holding companies and banking; fluctuations in markets for equity, fixed-income, commercial paper and other securities, which could affect availability, market liquidity levels, and pricing;

the effects of competition from other commercial banks, non-bank lenders, consumer finance companies, credit unions, securities brokerage firms, insurance companies, money market and mutual funds, and other financial institutions operating in the Company's market area and elsewhere, including institutions operating regionally, nationally and internationally, together with such competitors offering banking products and services by mail, telephone and the Internet;

the Company's ability to attract and retain key personnel;

governmental monetary and fiscal policies as well as other legislative and regulatory changes, including with respect to SBA lending programs;

changes in political and economic conditions, including continuing political and economic effects of the global economic downturn and other major developments;

the impact of heightened regulatory scrutiny of financial products and services, primarily led by the Consumer Financial Protection Bureau;

the Company's ability to comply with any requirements imposed on it by regulators, and the potential negative consequences that may result;

operational, compliance and other factors, including conditions in local areas in which the Company conducts business such as inclement weather or a reduction in the availability of services or products for which loan proceeds will be used, that could prevent or delay closing and funding loans before they can be sold in the secondary market; the effect of any mergers, acquisitions or other transactions, to which the Company or the Bank may from time to time be a party, including management's ability to successfully integrate any businesses acquired;

other risk factors listed from time to time in reports that the Company files with the SEC, including in the Company's 2015 Annual Report; and

the success at managing the risks involved in the foregoing.

Except as otherwise disclosed, forward-looking statements do not reflect: (i) the effect of any acquisitions, divestitures or similar transactions that have not been previously disclosed; (ii) any changes in laws, regulations or regulatory interpretations; or (iii) any change in current dividend or repurchase strategies, in each case after the date as of which such statements are made. All forward-looking statements speak only as of the date on which such statements are made, and the Company undertakes no obligation to update any statement, to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events.

Amounts in all tables in Management's Discussion and Analysis of Financial Condition and Results of Operations have been presented in thousands, except percentage, time period, stock option, share and per share data or where otherwise indicated.

Nature of Operations

LOB is a bank holding company headquartered in Wilmington, North Carolina incorporated under the laws of North Carolina in December 2008. The Company conducts business operations primarily through its commercial bank subsidiary, Live Oak Banking Company (the "Bank"). The Bank was established in May 2008 as a North Carolina-chartered commercial bank. The Bank specializes in providing lending services to small businesses nationwide in targeted industries. The Bank identifies and grows within selected industry sectors, or verticals, by leveraging expertise within those industries. A significant portion of the loans originated by the Bank are guaranteed by the SBA under the 7(a) program. In 2010, the Bank formed Live Oak Number One, Inc., a wholly-owned subsidiary, to hold properties foreclosed on by the Bank.

In addition to the Bank, the Company owns Live Oak Grove, LLC, opened in September 2015 for the purpose of providing Company employees and business visitors an on-site restaurant location, Government Loan Solutions, Inc. ("GLS"), a management and technology consulting firm that specializes in the settlement, accounting, and securitization processes for government guaranteed loans, including loans originated under the SBA 7(a) loan program and USDA-guaranteed loans, and 504 Fund Advisors, LLC ("504FA"), which was formed to serve as the investment advisor to The 504 Fund, a closed-end mutual fund organized to invest in SBA section 504 loans.

The Company generates revenue primarily from the sale of SBA-guaranteed loans and net interest income. Income from the sale of loans is comprised of loan servicing revenue and related revaluation of the servicing rights asset and net gains on sales of loans. Offsetting these revenues are the cost of funding sources, provision for loan losses, any costs related to foreclosed assets and other operating costs such as salaries and employee benefits, travel, professional services, advertising and marketing and tax expense.

On July 23, 2015 the Company closed on its initial public offering.

Business Outlook

Below is a discussion of management's current expectations regarding company performance over the near-term based on market conditions, the regulatory environment and business strategies as of the time the Company filed this Report. Actual outcomes and results may differ materially from what is expressed or forecasted in these forward-looking statements. See "Important Note Regarding Forward-Looking Statements" in this Report for more information on forward-looking statements.

The Company expects to originate between \$1.35 billion and \$1.40 billion in loans in 2016, with approximately 40% of those loans fully funded at closing.

Results of Operations

Performance Summary

Three months ended March 31, 2016 compared with three months ended March 31, 2015

For the three months ended March 31, 2016, the Company reported net income of \$4.7 million, or \$0.13 per diluted share, as compared to \$8.1 million, or \$0.27 per diluted share, for the three months ended March 31, 2015. This decrease in net income is primarily due to the following items:

Decrease in noninterest income related to a first quarter 2015 one-time gain of \$3.8 million related to the sale of an investment in nCino, Inc. ("nCino"); and

Increase in salaries and employee benefits, travel and occupancy expenses of \$5.7 million, or 55.5%, arising primarily from increased investments in human capital and infrastructure to support growing loan production from new and existing verticals as well as development of a new small-loan and deposit platform.

Partially offsetting the above items was a 72.3% increase in net interest income of \$3.7 million combined with higher levels of net gains on sales of loans of \$964 thousand, or 6.2%, and an increase in loan servicing revenue and revaluation of \$652 thousand, or 15.9%.

Net Interest Income and Margin

Net interest income represents the difference between the income that the Company earns on interest-earning assets and the cost of interest-bearing liabilities. The Company's net interest income depends upon the volume of interest-earning assets and interest-bearing liabilities and the interest rates that the Company earns or pays on them. Net interest income is affected by changes in the amount and mix of interest-earning assets and interest-bearing liabilities, referred to as "volume changes." It is also affected by changes in yields earned on interest-earning assets and rates paid on interest-bearing deposits and other borrowed funds, referred to as "rate changes." As a bank without a branch network, the Bank gathers deposits over the Internet and in the community in which it is headquartered. Due to the nature of a branchless bank and the relatively low overhead required for deposit gathering, the rates that the Bank offers are generally above the industry average.

Three months ended March 31, 2016 compared with three months ended March 31, 2015

For the three months ended March 31, 2016, net interest income increased \$3.7 million, or 72.3%, to \$8.7 million compared to the three months ended March 31, 2015. This increase was due to growth in average interest earning assets and an increased yield on interest earning assets outpacing the change in the cost of interest bearing liabilities. Average interest earning assets increased by \$303.6 million, or 44.0%, to \$993.0 million for the three months ended March 31, 2016, compared to \$689.4 million for the three months ended March 31, 2015, while the yield on average interest earning assets increased by fifty basis points to 4.60%. The cost of funds on interest bearing liabilities for the three months ended March 31, 2016 increased slightly by three basis points to 1.21%, and the average balance in interest bearing liabilities increased by \$227.3 million, or 34.4%, over the same period. This increase in the cost of funds was driven by \$252.0 million in additional interest bearing deposits during the first three months of 2016, following a successful deposit gathering campaign. As indicated in the rate/volume table below, the slight increased yields, resulting in increased interest income of \$4.4 million and increased interest earning assets along with increased yields, resulting in increased interest income of \$4.4 million and increased interest expense of \$768 thousand for the three months ended March 31, 2016 compared to the first quarter of 2015. For the three months ended March 31, 2016 compared to the first margin increased from 2.97% to 3.52% due to the aforementioned effects.

Average Balances and Yields. The following table presents information regarding average balances for assets and liabilities, the total dollar amounts of interest income and dividends from average interest-earning assets, the total dollar amount of interest expense on average interest-bearing liabilities, and the resulting average yields and costs. The yields and costs for the periods indicated are derived by dividing the income or expense by the average balances for assets or liabilities, respectively, for the periods presented and annualizing that result. Loan fees are included in interest income on loans.

	Three months ended March 31,								
	2016	2015							
	Average	Interest	Average	Average	Interact	Averag	ge		
	Balance	meresi	Yield/Rate	Balance	Interest	Yield/Rate			
Interest earning assets:									
Interest earning balances in other banks	\$113,304	\$ 138	0.49 %	\$82,036	\$ 66	0.33	%		
Investment securities	53,935	251	1.87	58,910	176	1.21	%		
Loans held for sale	520,538	6,992	5.39	336,520	4,173	5.03			
Loans held for investment	305,206	4,013	5.27	211,944	2,557	4.89			
Total interest earning assets	992,983	11,394	4.60	689,410	6,972	4.10			
Less: Allowance for loan losses	(7,379)			(4,403)					
Non-interest earning assets	140,097			93,816					
Total assets	\$1,125,701			\$778,823					
Interest bearing liabilities:									
Money market accounts	\$387,209	\$ 722	0.75 %	\$310,992	\$ 596	0.78	%		
Certificates of deposit	472,942	\$ 722 1,722	1.46	297,153	\$ 570 880	0.70	10		
continuates of deposit	T/2, /T 2	1,122	1.70	277,133	000				