LegacyTexas Financial Group, Inc.™

Second Quarter 2016 Investor Presentation

July 20, 2016

Safe harbor statement

When used in filings by LegacyTexas Financial Group, Inc. (the "Company") with the Securities and Exchange Commission (the "SEC"), in the Company's press releases or other public or stockholder communications, and in oral statements made with the approval of an authorized executive officer, the words or phrases "will likely result," "are expected to," "will continue," "is anticipated," "estimate," "project," "intends" or similar expressions are intended to identify "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements are subject to certain risks and uncertainties that could cause actual results to differ materially from historical earnings and those presently anticipated or projected, including, among other things: the expected cost savings, synergies and other financial benefits from acquisition or disposition transactions might not be realized within the expected time frames or at all and costs or difficulties relating to integration matters might be greater than expected; changes in economic conditions; legislative changes; changes in policies by regulatory agencies; fluctuations in interest rates; the risks of lending and investing activities, including changes in the level and direction of loan delinquencies and write-offs and changes in estimates of the adequacy of the allowance for loan losses; the Company's ability to access cost-effective funding; fluctuations in real estate values and both residential and commercial real estate market conditions; demand for loans and deposits in the Company's market area; fluctuations in the price of oil, natural gas and other commodities; competition; changes in management's business strategies and other factors set forth in the Company's filings with the SEC.

The Company does not undertake - and specifically declines any obligation - to publicly release the result of any revisions which may be made to any forward-looking statements to reflect events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events.

Today's presenters

Kevin Hanigan

President and Chief Executive Officer

- CEO and President of LegacyTexas Financial Group, Inc.
- Former Chairman and Chief Executive Officer of Highlands Bancshares in 2010
- Former Chairman and Chief Executive Officer of Guaranty Bank in 2009
- 35+ years of Texas banking experience

Mays Davenport

Executive Vice President, Chief Financial Officer

- Former Executive Vice President at LegacyTexas Bank
- Senior management experience for retail branch, treasury management, human resources, marketing, mortgage, and wealth advisory functions
- Certified Public Accountant, former national accounting and tax advisory firm experience
- 23+ years of Texas banking experience

LegacyTexas Financial Group, Inc.™

Key franchise highlights

Recent Recognitions	• Recognized as the #2 Fastest Growing North Texas Company and ranked among the top 100 North Texas Public Companies by Dallas Business Journal • Awarded 2015 Raymond James Community Bankers Cup-recognizes top 10% of community banks (with assets between $500 million and $10 billion) • Rated by S&P Global Market Intelligence as #8 in the 100 best-performing community banks in 2015 (with assets between $1 billion and $10 billion) • Named one of 25 KBW "Challenger Banks" who can most effectively challenge large universal banks for market share
Profitability	*Quarterly earnings of $23.2 million and basic EPS of* $0.50 *for Q2 2016* • Return on average assets of 1.2%, return on average equity of 11.1% • Exceptional loan growth of $423.7 million for Q2 2016 with 8.0% linked quarter growth[1] • Efficiency ratio of 48.2%, improved from 49.0% for Q1 2016
Asset quality	*Growth balanced with disciplined underwriting and risk management resulting in strong asset quality* • NPAs / loans + OREO: 0.99% [1] • NCOs / average loans: 0.01% for Q2 2016[1]
Capital	*Profitability levered excess capital while maintaining strong capital levels* • TCE / TA[2]: 8.4% • Estimated Tier 1 common risk-based capital[3]: 9.28%

Source: Company Documents
[1] Excludes Warehouse Purchase Program loans and loans held for sale
[2] See the section labeled "Supplemental Information- Non-GAAP Financial Measures"
[3] Calculated at the Company level, which is subject to the capital adequacy requirements of the Federal Reserve

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North Texas focused

Leading market position

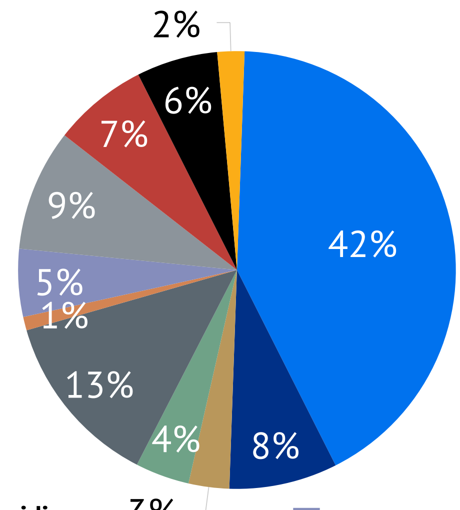
#1 *in Collin County among independent banks[1]*

#2 *in Collin County among all banks*

#3 *among Dallas based banks in DFW[2]*

21 DFW companies in Fortune 500

Employment by industry



- Service-providing
- Goods-providing
- Construction
- Manufacturing
- Trade, transportation and utilities
- Information
- Financial activities
- Professional and business services
- Education and health services
- Leisure and hospitality
- Other

Source: Bureau of Labor Statistics
Note: Represents latest available data for the Dallas-Fort Worth-Arlington, TX MSA (i.e., data as of 2015Q4)

Source: Company Documents
[1] Based on deposit market share of banks headquartered in Texas
[2] Includes banks headquartered in the Dallas-Fort Worth-Arlington, TX MSA

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Second quarter highlights

($ in millions except for per share data)

	Quarter ended				
	June 30, 2015	March 31, 2016	June 30, 2016	Linked Q Δ	YOY Δ
Selected balance sheet data					
Gross loans held for investment[1]	$ 4,394.8	$ 5,269.3	$ 5,693.0	8.0 %	29.5%
Total deposits	4,527.8	5,302.8	5,622.7	6.0 %	24.2%
Selected profitability data					
Net interest income	$ 59.8	$ 65.4	$ 69.4	6.1 %	15.9%
NIM	4.06%	3.88%	3.79%	-9bps	-27bps
Non-interest income	$ 12.0	$ 14.7	$ 13.7	(6.4)%	14.7%
Non-interest expense	36.9	37.5	39.6	5.5 %	7.3%
Net income	20.3	22.1	23.2	5.1 %	14.6%
Core net income[2]	20.1	19.9	23.3	17.1 %	15.8%
Basic EPS	0.44	0.48	0.50	4.2 %	13.6%
Core EPS[2]	0.44	0.43	0.50	16.3 %	13.6%

Source: Company Documents
[1] Excludes Warehouse Purchase Program loans
[2] See the section labeled "Supplemental Information- Non-GAAP Financial Measures"

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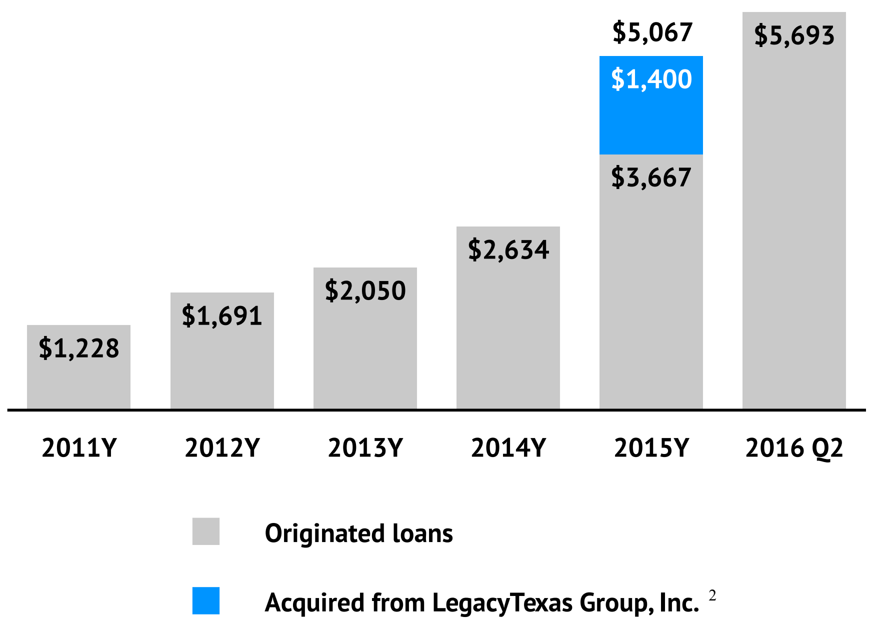
Robust commercially focused growth

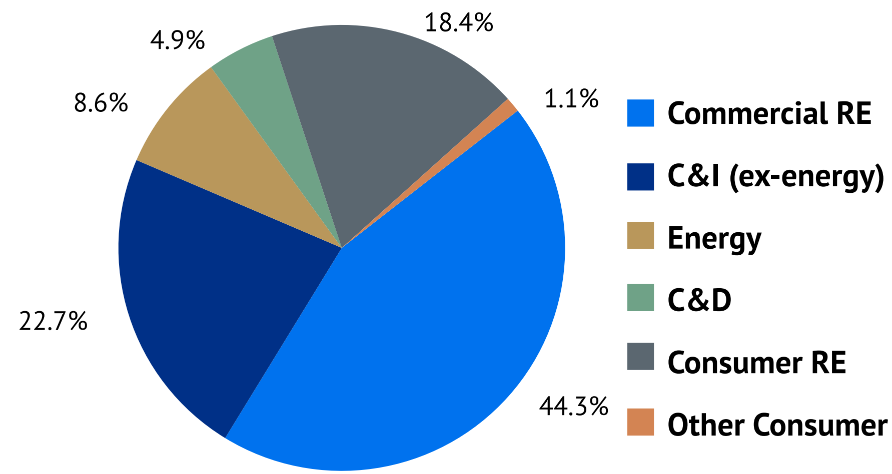
Gross loans held for investment at June 30, 2016, excluding Warehouse Purchase Program loans, grew $423.7 million, or 8.0%, from March 31, 2016, with $338.5 million of growth in commercial real estate and commercial and industrial loans.

Total Loans HFI[1]

($ in millions)



As of June 30, 2016[1]



Quarterly yield on loans held for investment[1]: 4.84%

Source: Company Documents
[1] Excludes Warehouse Purchase Program loans
[2] Represents balance acquired on January 1, 2015

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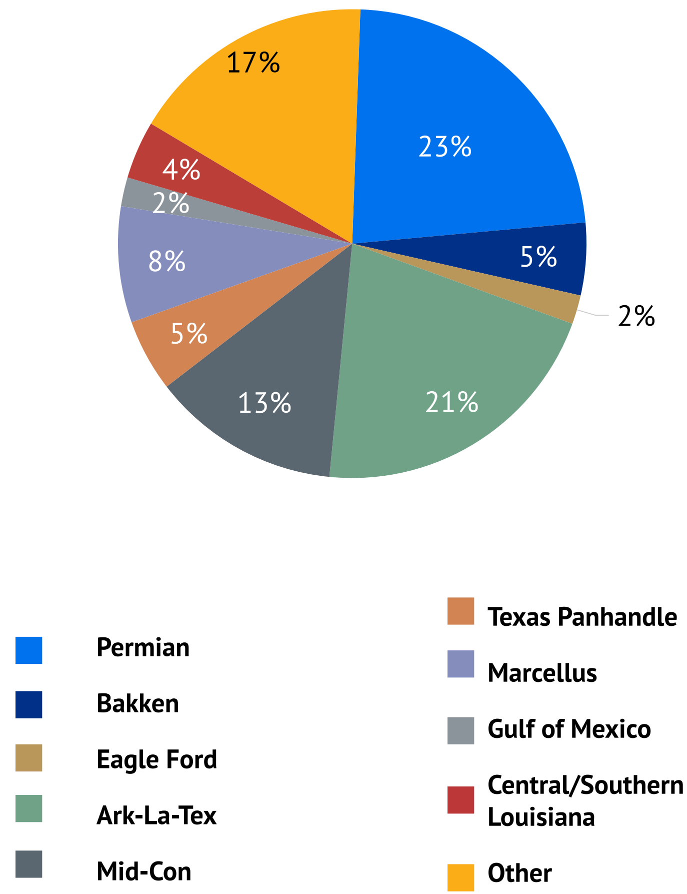
Energy lending

- Reserve-based energy portfolio at June 30, 2016 consisted of 49% crude oil reserves and 51% natural gas reserves
- At June 30, 2016, 44 reserve-based borrowers and 5 midstream borrowers
- $321 million, or 59%, of our outstanding energy loans are backed by private equity firms with significant capital invested and additional equity commitments available

Geographic Concentration of Reserves

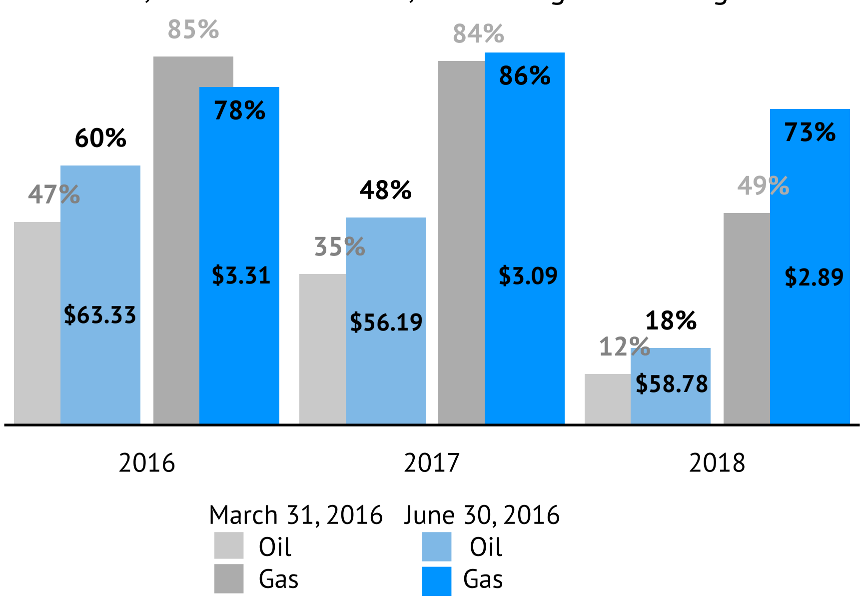


Source: Company documents for loans managed by Energy Finance group

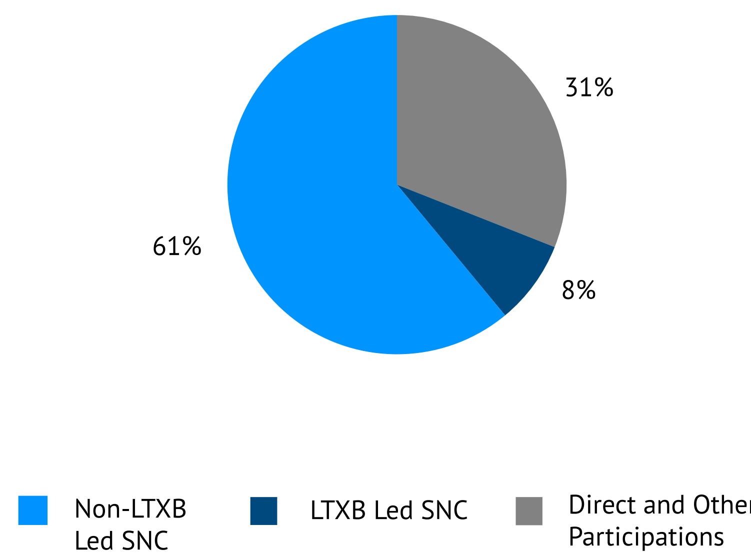
Energy lending

- Reserve-based loans are almost exclusively first liens, with only a $5 million commitment to a 2nd lien facility at June 30, 2016
- No unsecured commitments/exposure
- At June 30, 2016, only $3.3 million in outstanding loans to oil field service companies, of which only $133,000 are criticized

Hedging Percentages at June 30, 2016 compared to March 31, 2016 with June 30, 2016 Weighted Average Prices[1]



SNC Breakout of Reserve-Based Energy Loans



[1] % of engineered PDP volumes
Source: Company documents for loans managed by Energy Finance group

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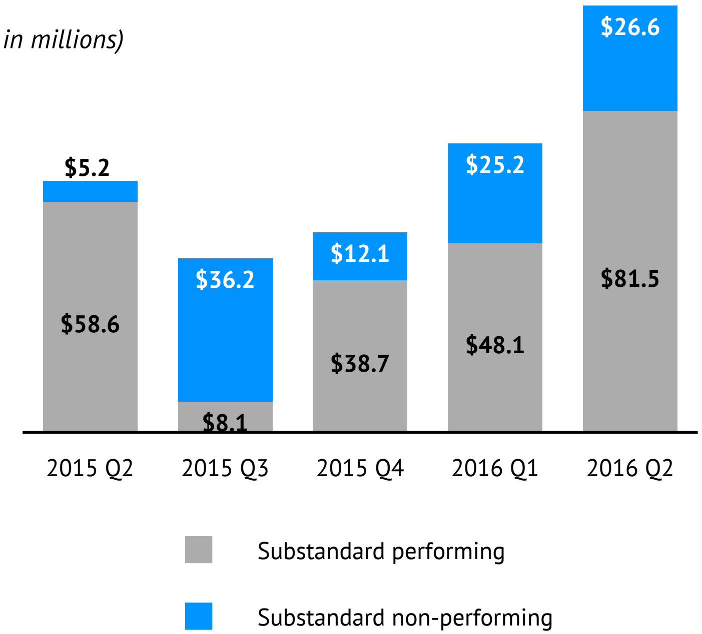
Energy lending

The allowance for loan losses allocated to energy loans at June 30, 2016 totaled $21.9 million, or 4.0% of total energy loans (including both reserve-based and midstream), up $4.5 million ($0.10 per share on a pre-tax basis, $0.06 per share after tax) from $17.4 million at March 31, 2016.

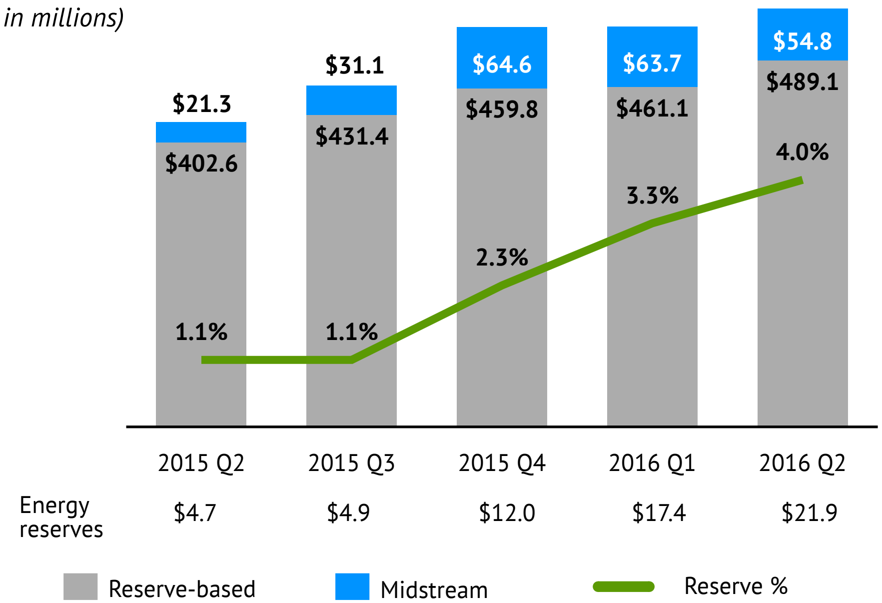
Substandard energy loans

($ in millions)



Outstanding loan balances and related loan loss reserves

($ in millions)



Source: Company documents

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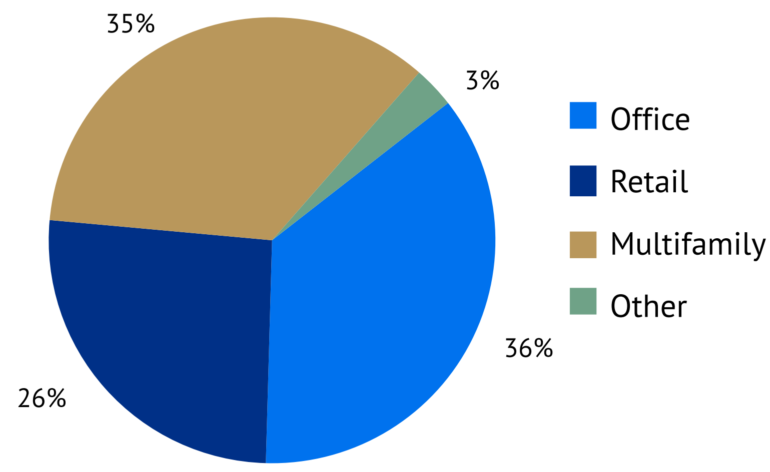
Commercial Real Estate- Houston

- Continued low LTV in Houston CRE portfolio - 66% for entire Houston portfolio, 70% for energy corridor only
- Low loan price per square foot - energy corridor ranges $74-$122 with average of $100
- Only one Houston area loss since the 2003 inception of CRE lending in Houston, totaling only $34 thousand

$ in thousands except % data	Total Houston CRE Portfolio	Energy Corridor (all office)	Remainder Houston Portfolio
Outstanding Balance at June 30, 2016	$ 465,951	$ 75,486	$ 390,465
% of Houston CRE Portfolio		16%	84%
Weighted Average Debt Service Coverage	1.79X	1.71X	1.80X
Weighted Average Yield on Debt	11.91%	11.16%	12.07%

Collateral Mix of Houston Portfolio



Source: Company Documents

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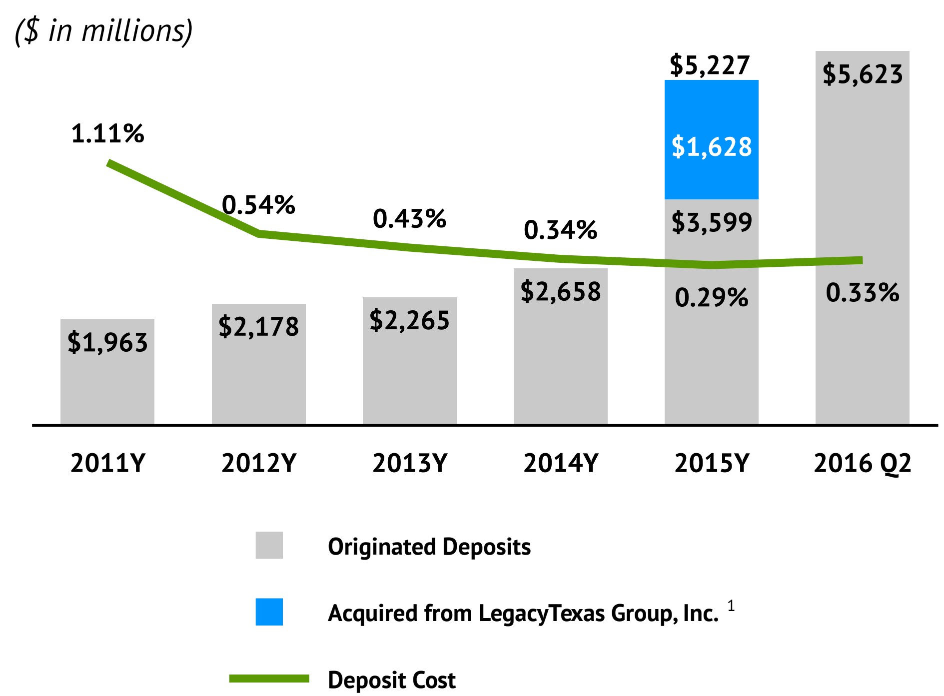
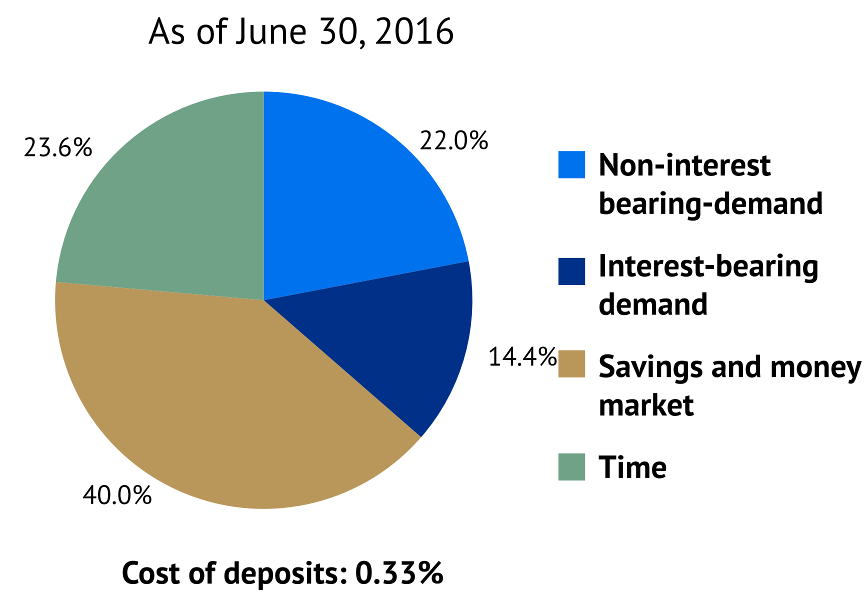
Core funded, low cost deposit base

Total deposits at June 30, 2016 increased by $319.8 million from March 31, 2016, with all deposit categories growing on a linked-quarter basis. Time and non-interest-bearing demand deposits increased by $206.2 million and $60.9 million, respectively, on a linked-quarter basis, while interest-bearing demand and savings and money market deposits increased by $28.9 million and $23.9 million, respectively, for the same period.

Total Deposits





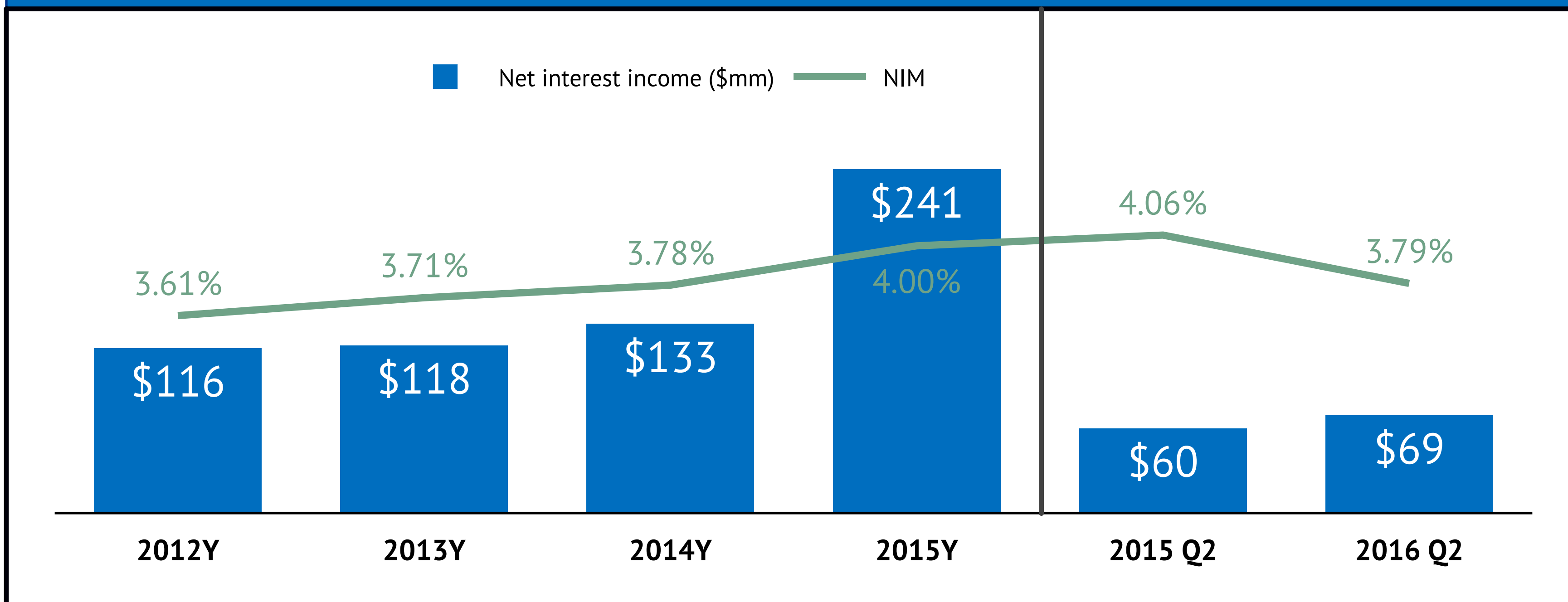
Source: Company Documents

[1] Represents balance acquired on January 1, 2015

Solid net interest income growth

- Net interest income for the second quarter of 2016 increased by $4.0 million, or 6.1%, from the linked quarter and $9.5 million, or 15.9%, from the second quarter of 2015.
- Net interest margin for the quarter ended June 30, 2016 was 3.79%, a nine basis point decrease from the first quarter of 2016 and a 27 basis point decrease from the second quarter of 2015. Accretion of purchase accounting fair value adjustments contributed seven basis points to the net interest margin for the quarter ended June 30, 2016 and for the quarter ended March 31, 2016. Accretion contributed 20 basis points for the quarter ended June 30, 2015.

Net interest income and NIM



Source: Company Documents

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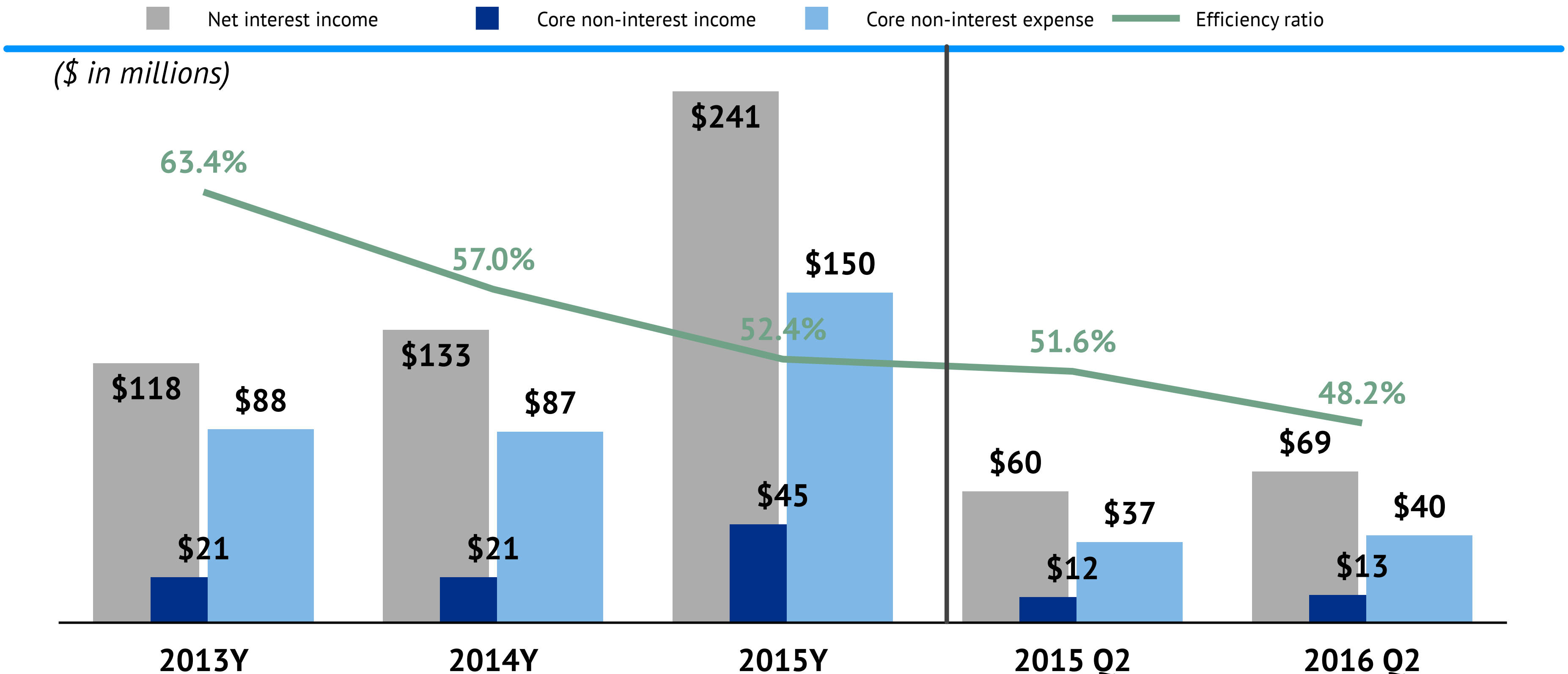
Disciplined expense management

- Efficiency ratio improved to 48.17%, compared to 48.96% for the first quarter of 2016 and 51.61% for the second quarter of 2015.
- Core non-interest income increased by $1.4 million from the linked quarter and by $1.0 million year-over-year. Core non-interest expense increased by $2.1 million from the first quarter of 2016 and by $2.7 million from the second quarter of 2015.



Source: Company Documents

Note: Core non-interest income and core non-interest expense exclude changes in the value of private equity funds, gains (losses) from securities transactions and fixed assets, net gain on sale of insurance subsidiary operations, goodwill impairment, merger and acquisition costs and one-time payroll costs. Efficiency ratio metrics exclude the aforementioned items, as well as gain (loss) on foreclosed assets and amortization of intangible assets.

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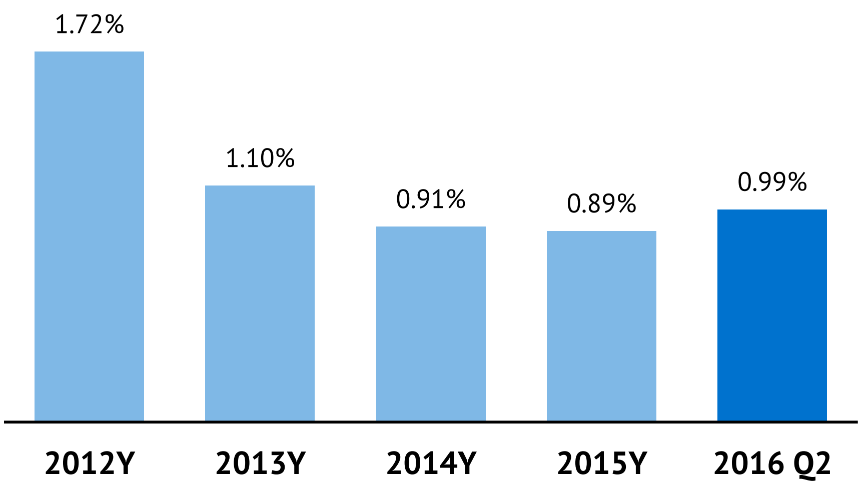
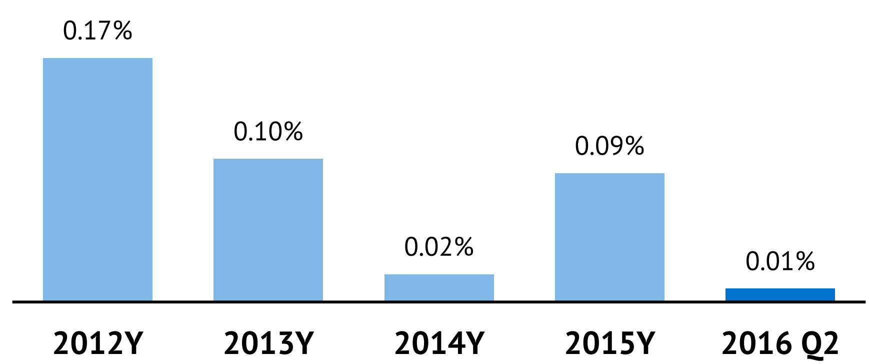
Strong asset quality

- Growth balanced with disciplined underwriting and risk management resulting in strong asset quality
- All of the key credit quality ratios remained strong, with asset quality metrics continuing to compare favorably to industry

NPAs / loans HFI[1] + OREO



NCOs / average loans HFI[1]



Source: Company documents
[1] Held for investment, excluding Warehouse Purchase Program loans

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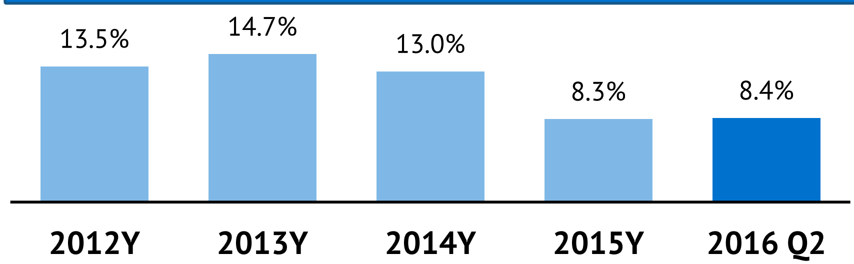
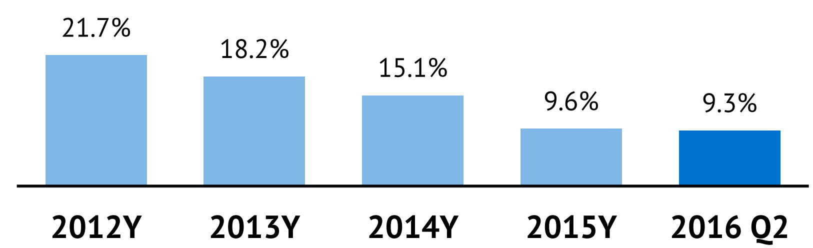
Prudent capital management

- Profitability levered excess capital while maintaining strong capital levels
- In November 2015, the Company completed a public offering of $75.0 million of fixed-to-floating rate subordinated notes due in 2025, the proceeds of which are being used for general corporate purposes, potential strategic acquisitions and investments in the Bank as regulatory capital.

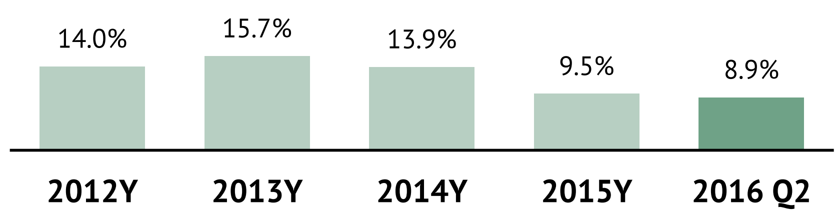
TCE / TA



Tier 1 common risk-based[1]



Tier 1 leverage[1]



Source: Company documents

[1] Calculated at the Company level, which is subject to the capital adequacy requirements of the Federal Reserve

Key investment highlights

One of the largest independent Texas financial services companies built upon a strong customer focus and a long history of serving Texans

Robust loan growth and disciplined expense management

Growth balanced with disciplined underwriting and risk management resulting in strong asset quality

Capital ratios remain strong; provides dry powder for robust organic growth

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Looking ahead

- Expand our Texas footprint and solidify our deep-rooted culture
- Focus on growth – organically and through selective acquisitions
- Diversify income sources
- Prudent and focused expense management
- Maintain strong asset quality
- Strategic capital deployment

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FINANCIAL GROUP, INC.™

Manifesto

We believe in our customers. Their goals. Their dreams. Their ambitions for tomorrow.

And since 1952, we've been doing whatever it takes to support them as they advance in business and in life.

We are responsive, accountable, trusted, experts at what we do. And we listen. Because we believe that true understanding is the first step toward bold, meaningful results.

Fueled by an independent spirit, inspired by the ingenuity of our customers and grounded by the values of our community, we are a family like no other.

We are LegacyTexas.

Appendix

Supplemental Information – Non-GAAP Financial Measures (unaudited)

Reconciliation of Core (non-GAAP) to GAAP Net Income and Earnings per Share (net of tax):

	At or For the Quarters Ended				
	June 30, 2016	March 31, 2016	December 31, 2015	September 30, 2015	June 30, 2015
	(Dollars in thousands, except per share amounts)				
GAAP net income available to common shareholders [1]	$23,114	$21,954	$16,336	$17,768	$20,091
Distributed and undistributed earnings to participating securities [1]	103	128	110	127	160
Merger and acquisition costs	–	–	–	–	5
Net (gain) on sale of insurance subsidiary operations	(39)	–	–	–	–
One-time (gain) loss on assets	155	(2,184)	(133)	(130)	(142)
(Gain) loss on sale of available-for-sale securities	(42)	–	(11)	16	–
Core (non-GAAP) net income	**$23,291**	**$19,898**	**$16,302**	**$17,781**	**$20,114**
Average shares for basic earnings per share	46,135,999	46,024,250	45,939,817	45,862,840	45,760,232
GAAP basic earnings per share	$0.50	$0.48	$0.36	$0.39	$0.44
Core (non-GAAP) basic earnings per share	$0.50	$0.43	$0.35	$0.39	$0.44
Average shares for diluted earnings per share	46,352,141	46,152,301	46,267,956	46,188,461	46,031,267
GAAP diluted earnings per share	$0.50	$0.48	$0.35	$0.38	$0.44
Core (non-GAAP) diluted earnings per share	$0.50	$0.43	$0.35	$0.38	$0.44

	At or For the Years Ended				
	December 31, 2015	December 31, 2014	December 31, 2013	December 31, 2012	December 31, 2011
GAAP net income available to common shareholders [1]	$70,382	$30,942	$31,294	$35,135	$26,205
Distributed and undistributed earnings to participating securities [1]	534	336	394	106	123
Merger and acquisition costs	1,009	7,071	431	2,683	306
Costs relating to sale of VPM	–	–	–	84	–
One-time payroll and severance costs	–	234	436	777	–
One-time (gain) loss on assets	149	319	(574)	(1,353)	(497)
Goodwill impairment	–	–	–	532	176
(Gain) loss on sale of available-for-sale securities	(132)	–	115	(659)	(4,074)
Core (non-GAAP) net income	**$71,942**	**$38,902**	**$32,096**	**$37,305**	**$22,239**
Average shares for basic earnings per share	45,847,284	37,919,065	37,589,548	35,879,704	32,219,841
GAAP basic earnings per share	$1.54	$0.82	$0.83	$0.98	$0.81
Core (non-GAAP) basic earnings per share	$1.57	$1.03	$0.85	$1.04	$0.69
Average shares for diluted earnings per share	46,125,447	38,162,094	37,744,786	35,998,345	32,283,107
GAAP diluted earnings per share	$1.53	$0.81	$0.83	$0.98	$0.81
Core (non-GAAP) diluted earnings per share	$1.56	$1.02	$0.85	$1.04	$0.69

[1] Unvested share-based awards that contain nonforfeitable rights to dividends (whether paid or unpaid) are participating securities and are included in the computation of GAAP earnings per share pursuant to the two-class method described in ASC 260-10-45-60B.

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Supplemental Information – Non-GAAP Financial Measures (unaudited)

Calculation of Tangible Book Value:

	At or For the Quarters Ended				
	June 30, 2016	March 31, 2016	December 31, 2015	September 30, 2015	June 30, 2015
	(Dollars in thousands, except per share amounts)				
Total shareholders' equity	$843,304	$823,052	$804,076	$792,637	$776,924
Less: Goodwill	(178,559)	(180,776)	(180,776)	(180,632)	(180,632)
Less: Identifiable intangible assets, net	(838)	(924)	(1,030)	(1,142)	(1,280)
Total tangible shareholders' equity	**$663,907**	**$641,352**	**$622,270**	**$610,863**	**$595,012**
Shares outstanding at end of period	47,670,440	47,645,826	47,645,826	47,640,193	47,619,493
Book value per share- GAAP	$17.69	$17.27	$16.88	$16.64	$16.32
Tangible book value per share- Non-GAAP	$13.93	$13.46	$13.06	$12.82	$12.50
Calculation of Tangible Equity to Tangible Assets:					
Total assets	$8,057,005	$7,562,126	$7,691,940	$6,878,843	$6,669,624
Less: Goodwill	(178,559)	(180,776)	(180,776)	(180,632)	(180,632)
Less: Identifiable intangible assets, net	(838)	(924)	(1,030)	(1,142)	(1,280)
Total tangible assets	**$7,877,608**	**$7,380,426**	**$7,510,134**	**$6,697,069**	**$6,487,712**
Equity to assets- GAAP	10.47%	10.88%	10.45%	11.52%	11.65%
Tangible equity to tangible assets- Non-GAAP	8.43%	8.69%	8.29%	9.12%	9.17%

	At or For the Years Ended			
	December 31, 2014	December 31, 2013	December 31, 2012	December 31, 2011
Total shareholders' equity	$568,223	$544,460	$520,871	$406,309
Less: Goodwill	(29,650)	(29,650)	(29,650)	(818)
Less: Identifiable intangible assets, net	(813)	(1,239)	(1,653)	(420)
Total tangible shareholders' equity	**$537,760**	**$513,571**	**$489,568**	**$405,071**
Shares outstanding at end of period	40014851	39,938,816	39,612,911	33,700,399
Book value per share- GAAP	$14.20	$13.63	$13.15	$12.06
Tangible book value per share- Non-GAAP	$13.44	$12.86	$12.36	$12.02
Calculation of Tangible Equity to Tangible Assets:				
Total assets	$4,164,114	$3,525,232	$3,663,058	$3,180,578
Less: Goodwill	(29,650)	(29,650)	(29,650)	(818)
Less: Identifiable intangible assets, net	(813)	(1,239)	(1,653)	(420)
Total tangible assets	**$4,133,651**	**$3,494,343**	**$3,631,755**	**$3,179,340**
Equity to assets- GAAP	13.65%	15.44%	14.22%	12.77%
Tangible equity to tangible assets- Non-GAAP	13.01%	14.70%	13.48%	12.74%

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