COMMERCE BANCSHARES, INC.

EARNINGS HIGHLIGHTS
2nd Quarter 2021

Commerce Bancshares, Inc.

CAUTIONARY STATEMENT

A number of statements we will be making in our presentation and in the accompanying slides are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, such as statements of the Corporation's plans, goals, objectives, expectations, projections, estimates and intentions. These forward-looking statements involve significant risks and uncertainties and are subject to change based on various factors (some of which are beyond the Corporation's control). Factors that could cause the Corporation's actual results to differ materially from such forward-looking statements made herein or by management of the Corporation are set forth in the Corporation's 2020 Annual Report on Form 10-K, 1ST Quarter 2021 Report on Form 10-Q and the Corporation's Current Reports on Form 8-K.

2Q2021 EARNINGS HIGHLIGHTS

Highlights

PPNR[1]
$149.0 million

Provision for Credit Losses[2]
$(45.7) million

Net Income
$162.3 million

EPS
$1.38

ROAA
1.93%

ROACE
19.12%

Well-positioned in a challenging environment

- Provision for credit losses was a net benefit due to:
  - $28.1 million decrease in the ACL on loans and an $18.2 million decrease in the liability for unfunded lending commitments
- Net charge-offs to total loans of 0.02% and non-performing assets to total loans of 0.07%.
- Non-interest income to total revenue of 40.1%.
- Non-interest income up 2.3% over Q1.
- QTD average loans down from Q1 to $16.0 billion.
- QTD average deposits increased $1.2 billion in Q2 compared to Q1.
- Tangible common equity to tangible assets of 9.91%.
- Net interest margin decreased 11 bps from Q1 to 2.60%.
- Wealth management client assets increased 3.7% in Q2 to $64.9 billion.

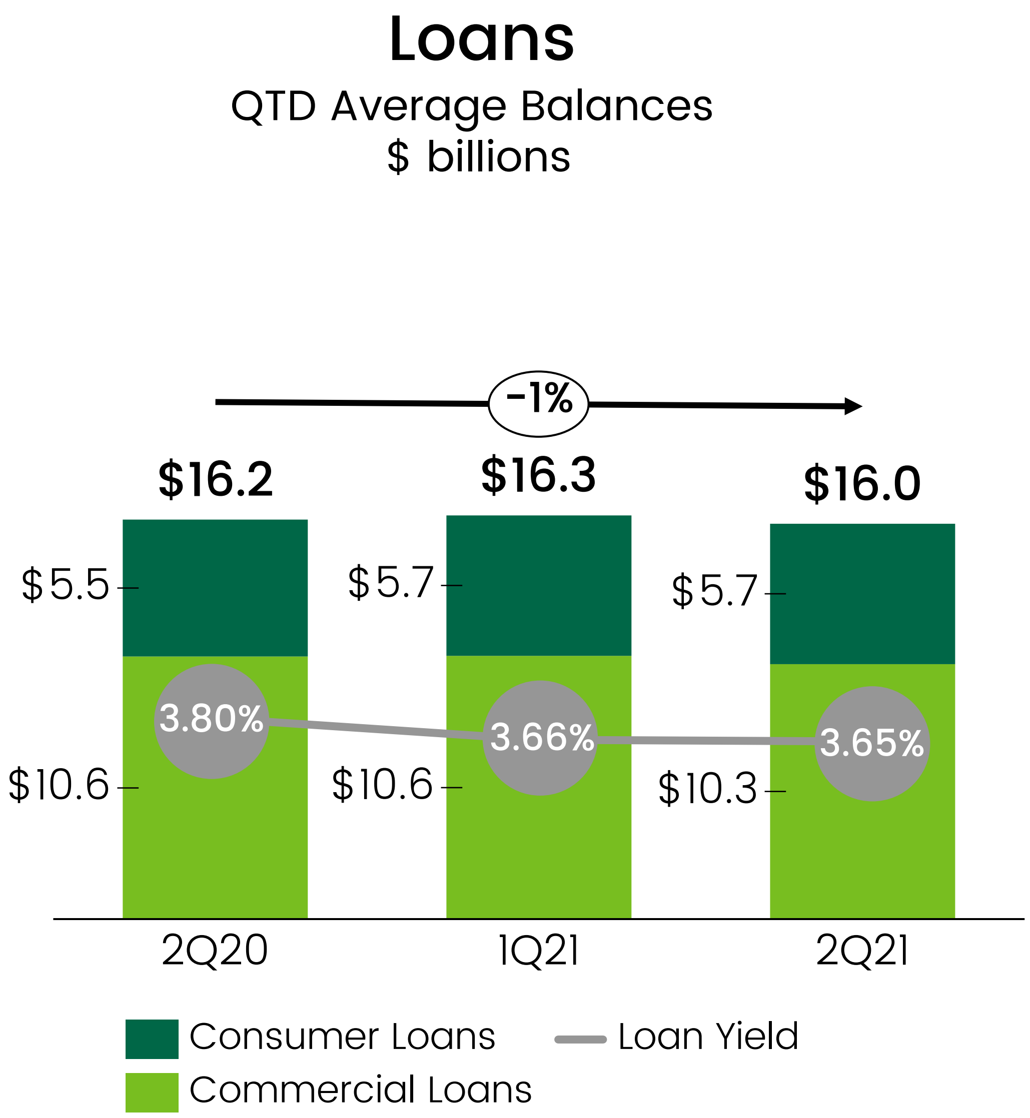
[1] See the non-GAAP reconciliation on page 16; [2] Compared to 1Q2021;

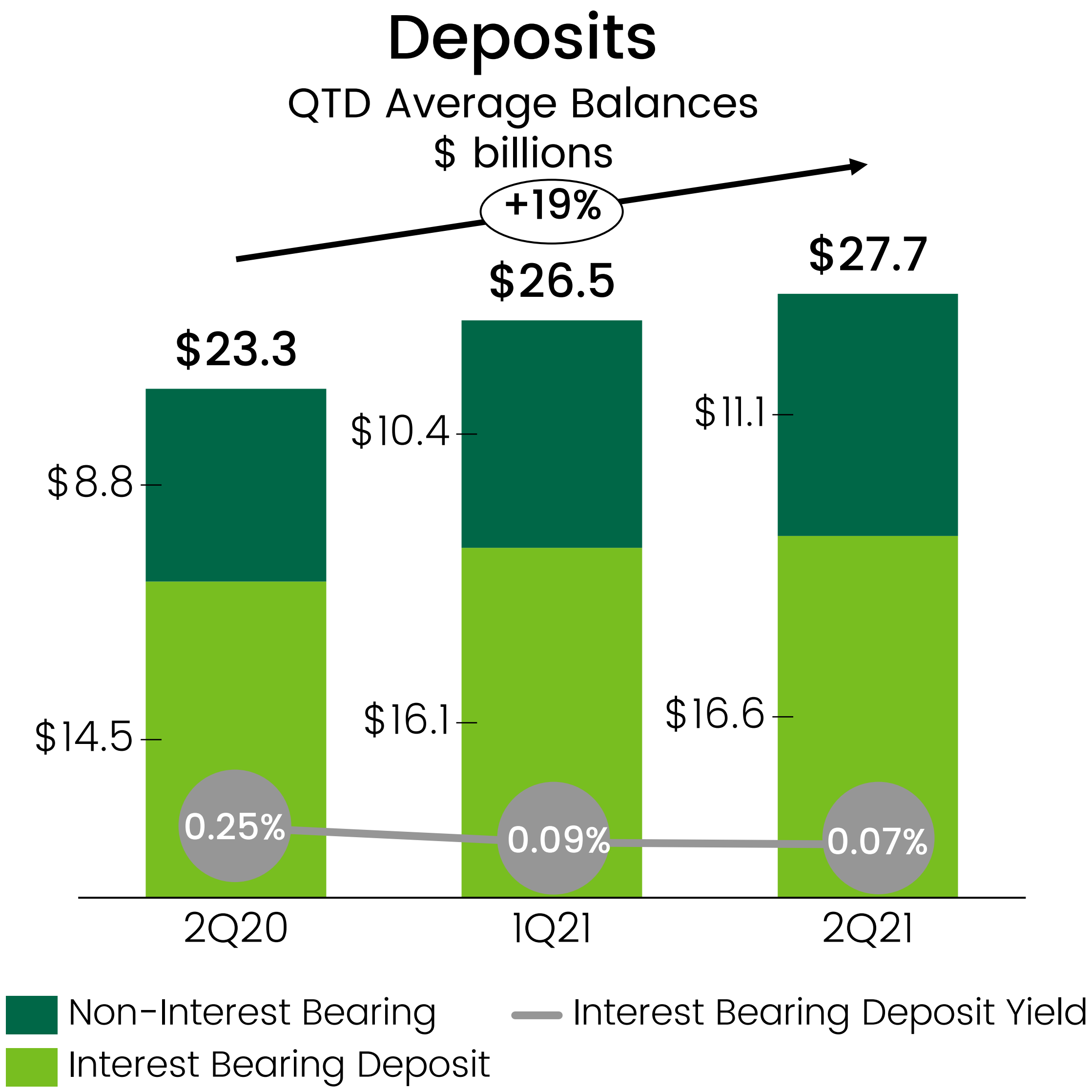
BALANCE SHEET HIGHLIGHTS

Quarterly Average Balances $ in millions	2Q21	Change vs. 1Q21	Change vs. 2Q20	Highlights
Commercial[1]	$10,315.0	↓ $ (332.9)	↓ $ (303.6)	• Linked quarter (LQ) reflects lower business loans, partially driven by PPP forgiveness (-$109.8 million)
Consumer	5,675.5	↓ (9.6)	↑ 138.7	• Increase over prior year (PY) driven by higher mortgage and private banking loans, partially offset by lower home equity and consumer card
Total Loans	$15,990.5	↓ $ (342.5)	↓ $ (164.8)	
Investment Securities	$12,879.3	↑ $299.7	↑ $3,452.8	• Reflects net purchase activity
Interest Earning Deposits with Banks	$2,724.8	↑ $1,244.5	↑ $969.7	• Reflects liquidity from deposit growth and PPP loan forgiveness
Deposits	$27,713.2	↑ $1,224.0	↑ $4,365.5	• 4.6% quarterly growth, 18.7% annual growth
Book Value per Common Share[2]	$29.89	↑ $1.55	↑ $2.45	• 5.5% quarterly increase, 8.9% annual growth

[1] PPP QTD average balances were $1,264.1 million and $1,374.0 million as of June 30, 2021 and March 31, 2021, respectively
[2] For the quarters ended June 30, 2021, March 31, 2021 and June 30, 2020

BALANCE SHEET





LOAN PORTFOLIO

Period-End Balances

$ in 000s	6/30/2021	3/31/2021	6/30/2020	QoQ	YoY
Business	$5,803,760	$6,624,209	$6,858,217	-12.4%	-15.4%
Construction	1,103,661	1,073,036	932,022	2.9%	18.4%
Business Real Estate	3,017,560	3,017,242	2,941,163	—	2.6%
Personal Real Estate	2,793,213	2,828,418	2,690,542	-1.2%	3.8%
Consumer	2,049,166	1,966,833	1,966,707	4.2%	4.2%
Revolving Home Equity	283,568	285,261	334,627	-.6%	-15.3%
Consumer Credit Card	586,358	593,833	666,597	-1.3%	-12.0%
Overdrafts	2,978	3,239	5,179	-8.1%	-42.5%
Total Loans	**$15,640,264**	**$16,392,071**	**$16,395,054**	**-4.6%**	**-4.6%**
PPP[1]	854,301	1,426,860	1,501,417	-40.1%	-43.1%
Total Loans excl. PPP	**$14,785,963**	**$14,965,211**	**$14,893,637**	**-1.2%**	**-0.7%**

QTD Average Balances

$ in 000s	6/30/2021	3/31/2021	6/30/2020	QoQ	YoY
Business	$6,211,610	$6,532,921	$6,760,827	-4.9%	-8.1%
Construction	1,088,433	1,091,969	895,648	-.3%	21.5%
Business Real Estate	3,014,955	3,022,979	2,962,076	-.3%	1.8%
Personal Real Estate	2,804,388	2,826,112	2,582,484	-.8%	8.6%
Consumer	2,004,625	1,947,322	1,944,265	2.9%	3.1%
Revolving Home Equity	287,031	299,371	343,210	-4.1%	-16.4%
Consumer Credit Card	575,725	608,747	663,911	-5.4%	-13.3%
Overdrafts	3,735	3,546	2,912	5.3%	28.3%
Total Loans	**$15,990,502**	**$16,332,967**	**$16,155,333**	**-2.1%**	**-1.0%**
PPP[1]	1,264,133	1,373,978	1,244,182	-8.0%	1.6%
Total Loans excl. PPP	**$14,726,369**	**$14,958,989**	**$14,911,151**	**-1.6%**	**-1.2%**

[1]Paycheck protection program (PPP) loans are included in the business loan category

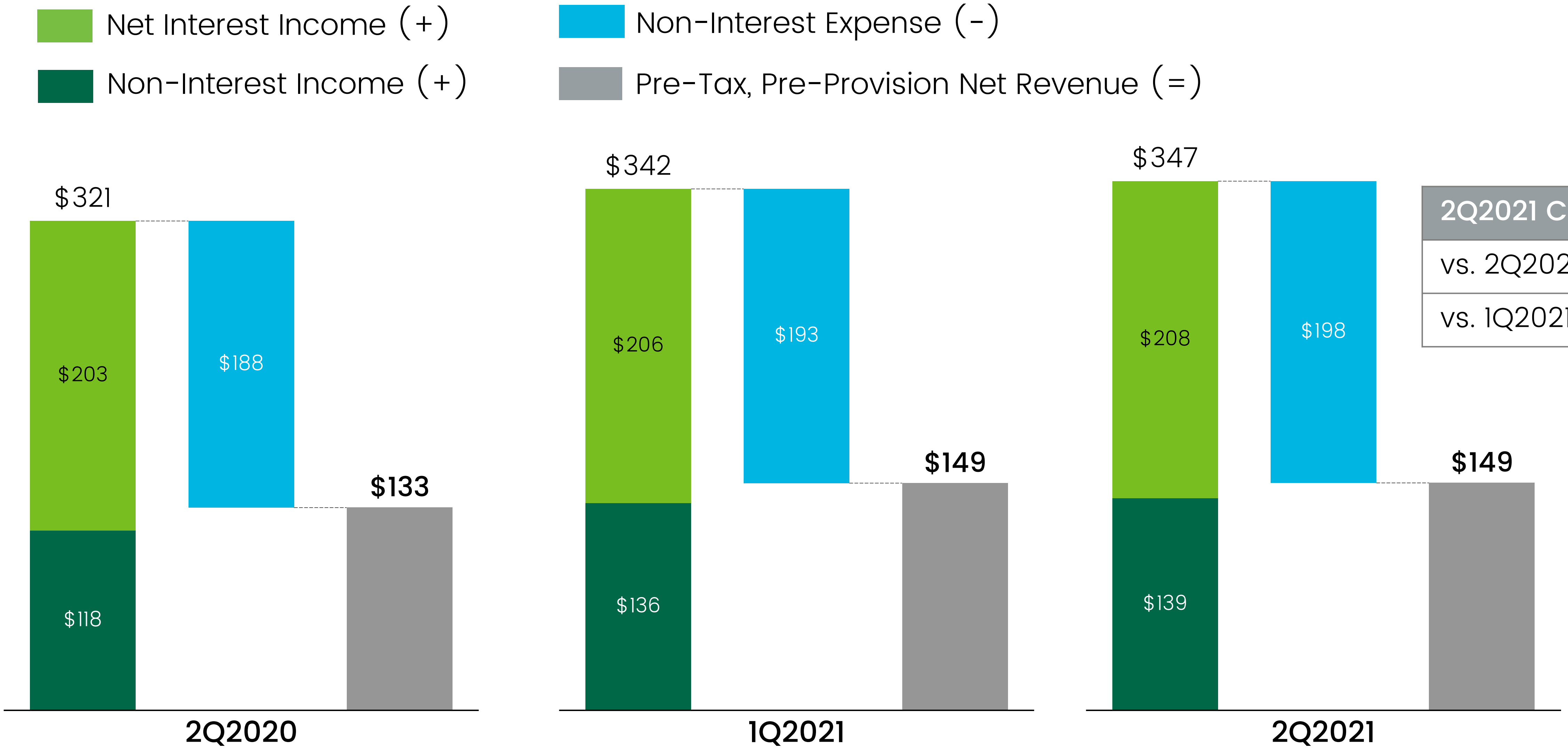
INCOME STATEMENT HIGHLIGHTS

$ in millions	2Q21	Change vs. 1Q21	Change vs. 2Q20	Highlights
Net Interest Income	$208.0	↑ $2.2	↑ $4.9	• Linked quarter (LQ) increase due to larger balance sheet, partially offset by NIM compression
Non-Interest Income	$139.1	↑ $3.1	↑ $21.6	• LQ increase in bank card fees, trust fees, consumer brokerage services fees and deposit account charges • Increase over prior year (PY) mainly due to growth in bank card fees, trust fees and loan fees and sales
Non-Interest Expense	$198.1	↑ $5.6	↑ $10.6	• Increase of 2.9% over LQ, 5.7% over PY; • LQ increase driven by salaries and benefits, lower deferred origination expenses and Other Expense • Increase over PY driven by higher salaries and benefits, marketing and data processing expenses and lower deferred origination costs
Pre-Tax, Pre-Provision Net Revenue[1]	$149.0	↓ $(0.2)	↑ $15.9	
Investment Securities Gains, Net	$16.8	↑ $7.0	↑ $20.9	• Q2 unrealized fair value gains of $16.7 million on private equity investment portfolio
Provision for Credit Losses	$(45.7)	↓ $(39.4)	↓ $(126.2)	• Declines driven by improvement in economic forecast
Net-Income Available to Common Shareholders	$162.3	↑ $31.4	↑ $124.7	

	2Q21	1Q21	2Q20	
Net Income per Common Share – Diluted	$1.38	↑ $1.11	↑ $.32	
Efficiency Ratio	56.90%	↑ 56.37%	↓ 58.10%	• Continued expense discipline
Net Yield on Interest Earning Assets	2.60%	↓ 2.71%	↓ 2.94%	• Lower earning asset yields, partially offset by lower deposit costs

[1] See the non-GAAP reconciliation on page 16

PRE-TAX, PRE-PROVISION NET REVENUE (PPNR)



2Q2021 Comparison	
vs. 2Q2020	12.0%
vs. 1Q2021	(0.1)%

See the non-GAAP reconciliation on page 16

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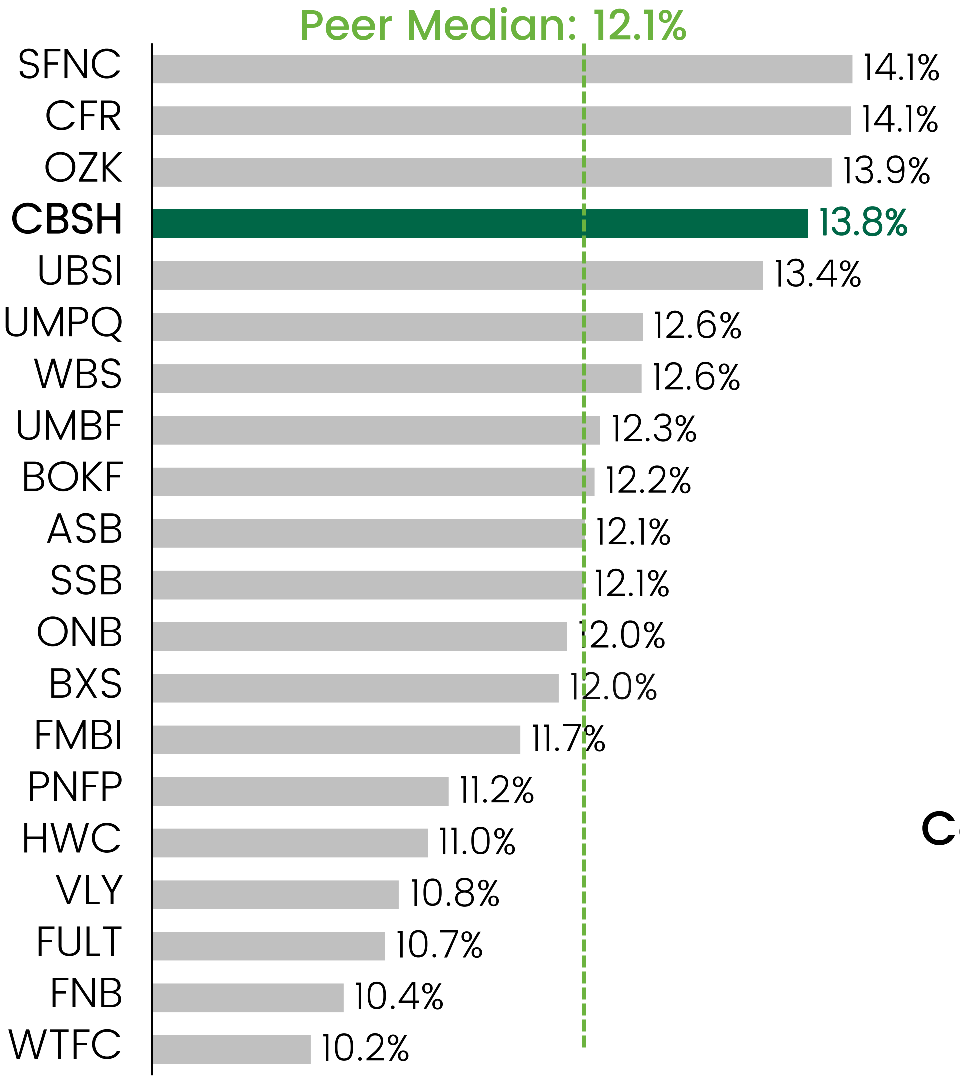
SOUND CAPITAL AND LIQUIDITY POSITION

Tier 1 Risk-Based Capital Ratio[1]



Loan to Deposit Ratio

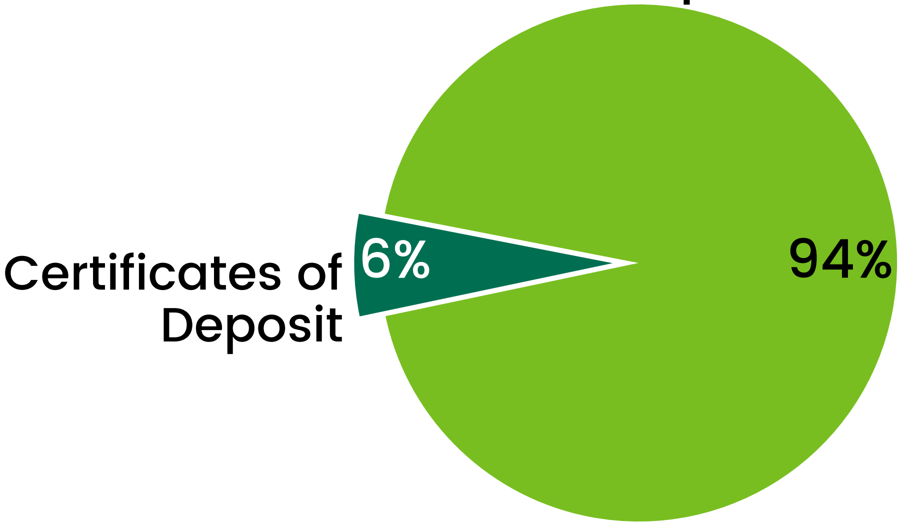
Large, stable deposit base and low loan to deposit ratio

Core Deposits
$25.7 Billion[2]

58% Commerce — Average Loan to Deposit Ratio[3]

81% Peer Average — Average Loan to Deposit Ratio[1]

Total Deposits



Core Deposits
- Non-Interest Bearing
- Interest Checking
- Savings and Money Market

[1]S&P Global Market Intelligence, Information as of March 31, 2021
[2]Period-end balances, as of June 30, 2021
[3]Includes loans held for sale, for the quarter ended June 30, 2021

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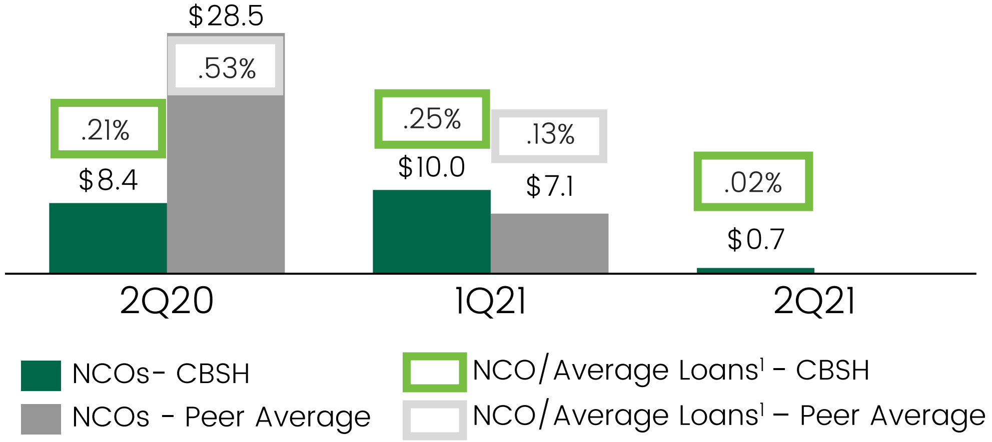
MAINTAINING STRONG CREDIT QUALITY

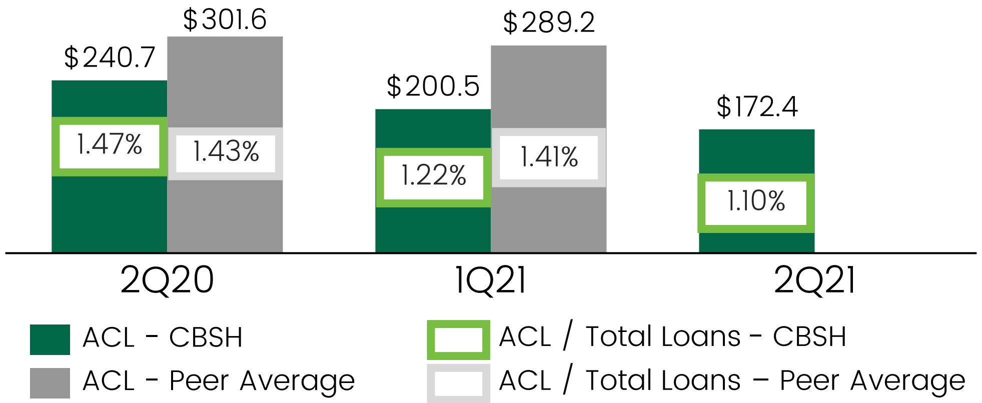
Net Loan Charge-Offs (NCOs)

$ in millions



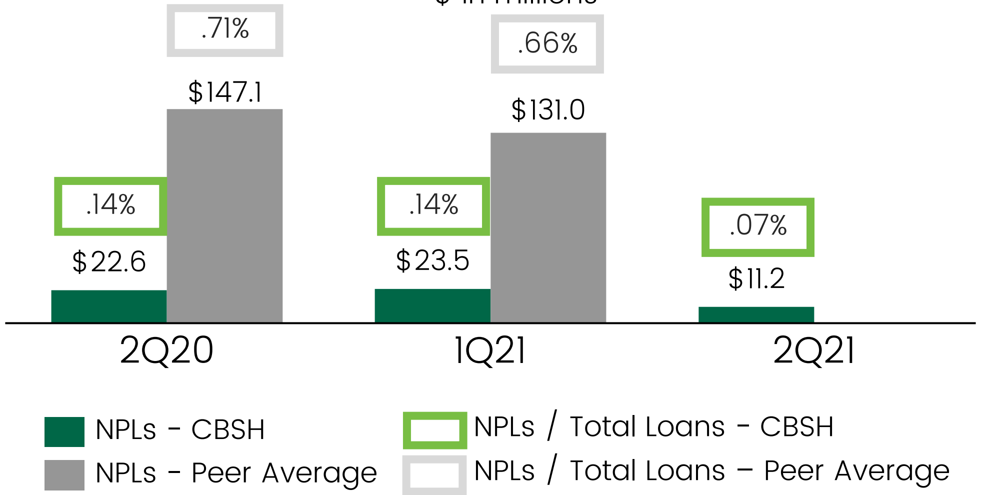
Allowance for Credit Losses on Loans (ACL)

$ in millions

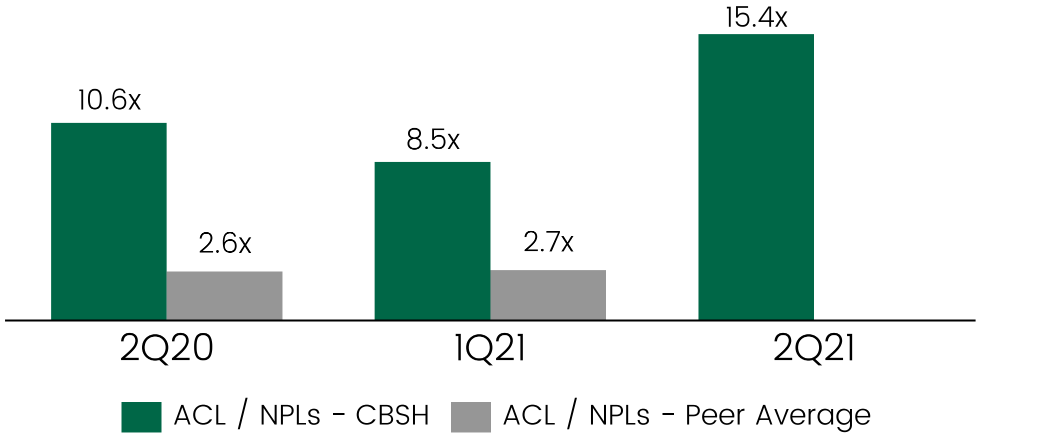


Non-Performing Loans (NPLs)

$ in millions



Allowance for Credit Losses on Loans (ACL) to NPLs



Percentages are illustrative and not to scale; Peer Banks include: ASB, BXS, OZK, BOKF, CFR, FNB, FMBI, FULT, HWC, ONB, PNFP, SFNC, SSB, UMBF, UMPQ, UBSI, VLY, WBS, WTFC

[1]As a percentage of average loans (excluding loans held for sale)

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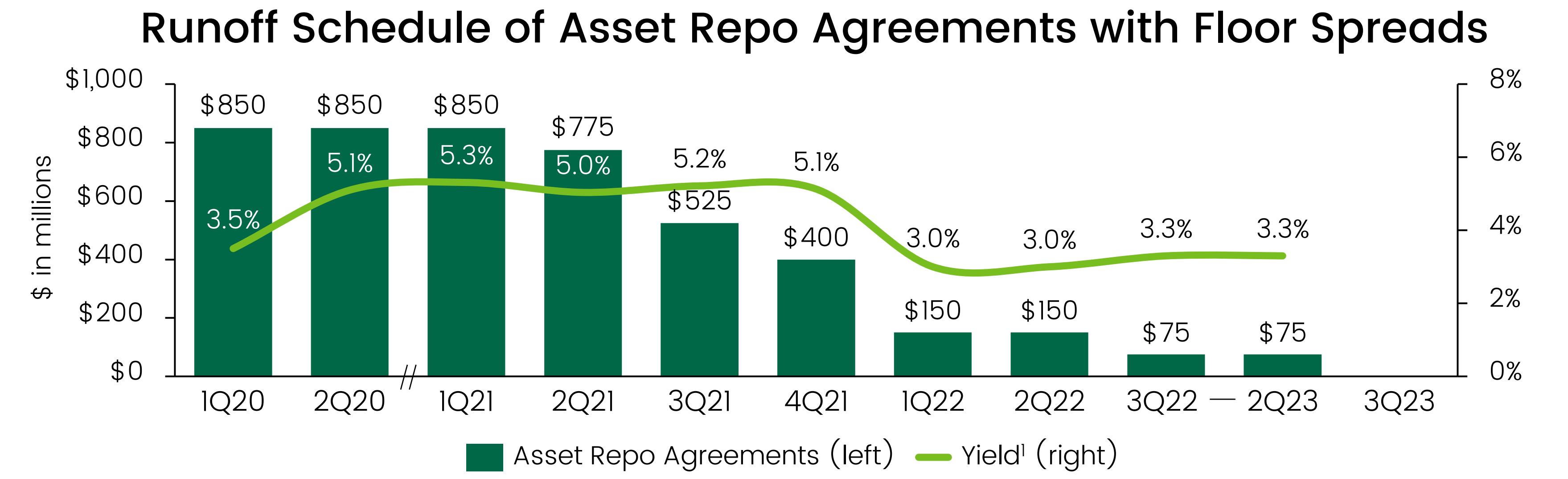
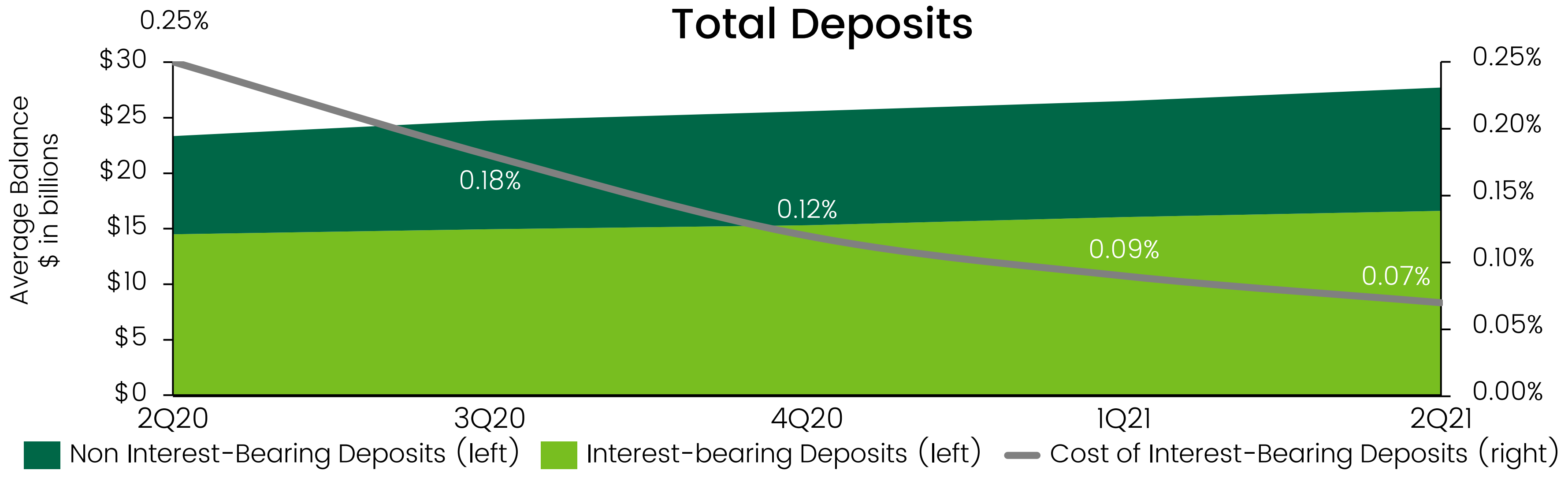
NIM PROTECTION

Hedging structures and low deposit costs provide support to net interest margin in low-rate environment

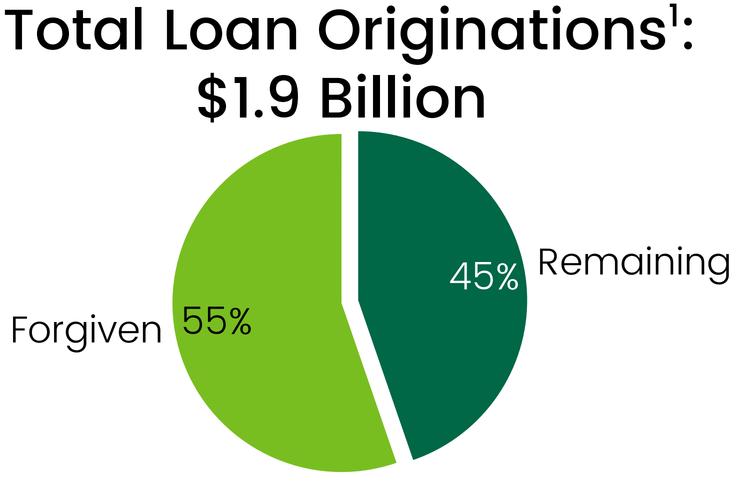


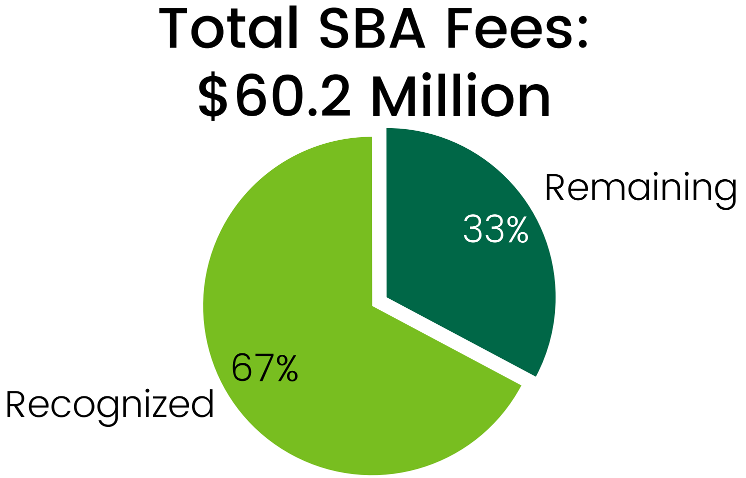


- Interest rate floors with a combined notional value of $1.5 billion to hedge the against declining interest rates were monetized in 2020 with $133 million in gains to be recognized through 2026.
- Asset repo agreements were structured with floor spreads to protect against falling rates. These repos started maturing in Q2 2021.
- 40% of Q2 average deposits were non-interest bearing.
- Cost of interest-bearing deposits continued to decline.

[1] Yields are actual through 2Q2021. Future periods are current yields as of 6/30/2021; rising rates could impact these yields.

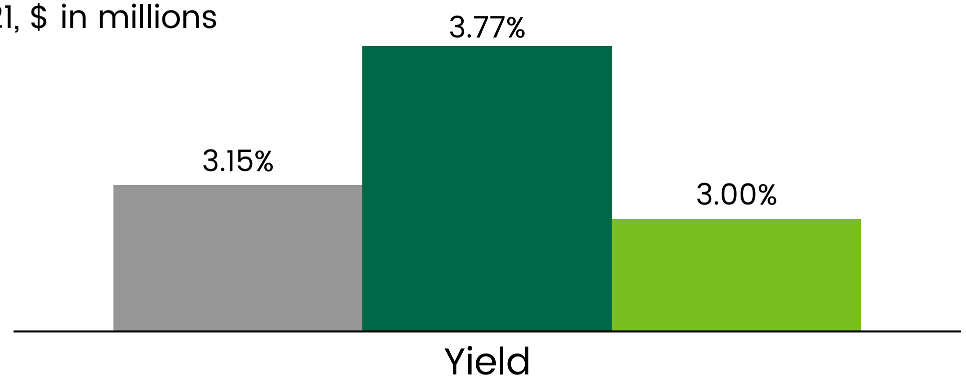
PAYCHECK PROTECTION PROGRAM IMPACT AND UPDATE





Yield and Interest Income

Q2 2021, $ in millions

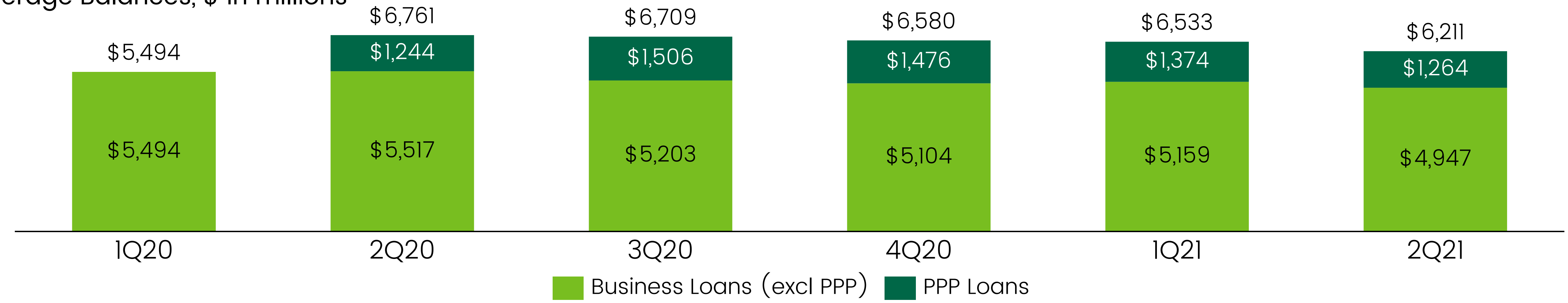


[1]Includes Round 1 and Round 2 fundings. Period-end balance as of 6/30 was $854.3 million; [2]Tax equivalent basis

PAYCHECK PROTECTION PROGRAM IMPACT AND UPDATE

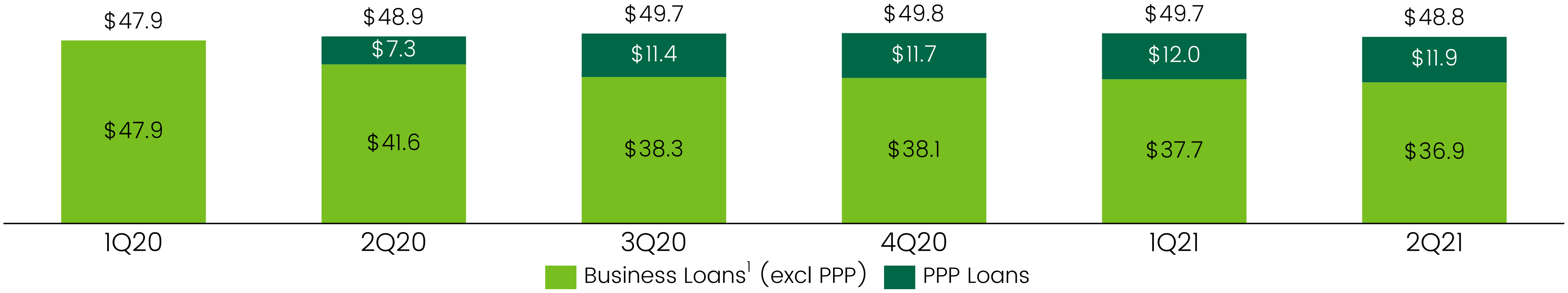
Loan Portfolio Impact

QTD Average Balances, $ in millions



Interest Income Impact

$ in millions

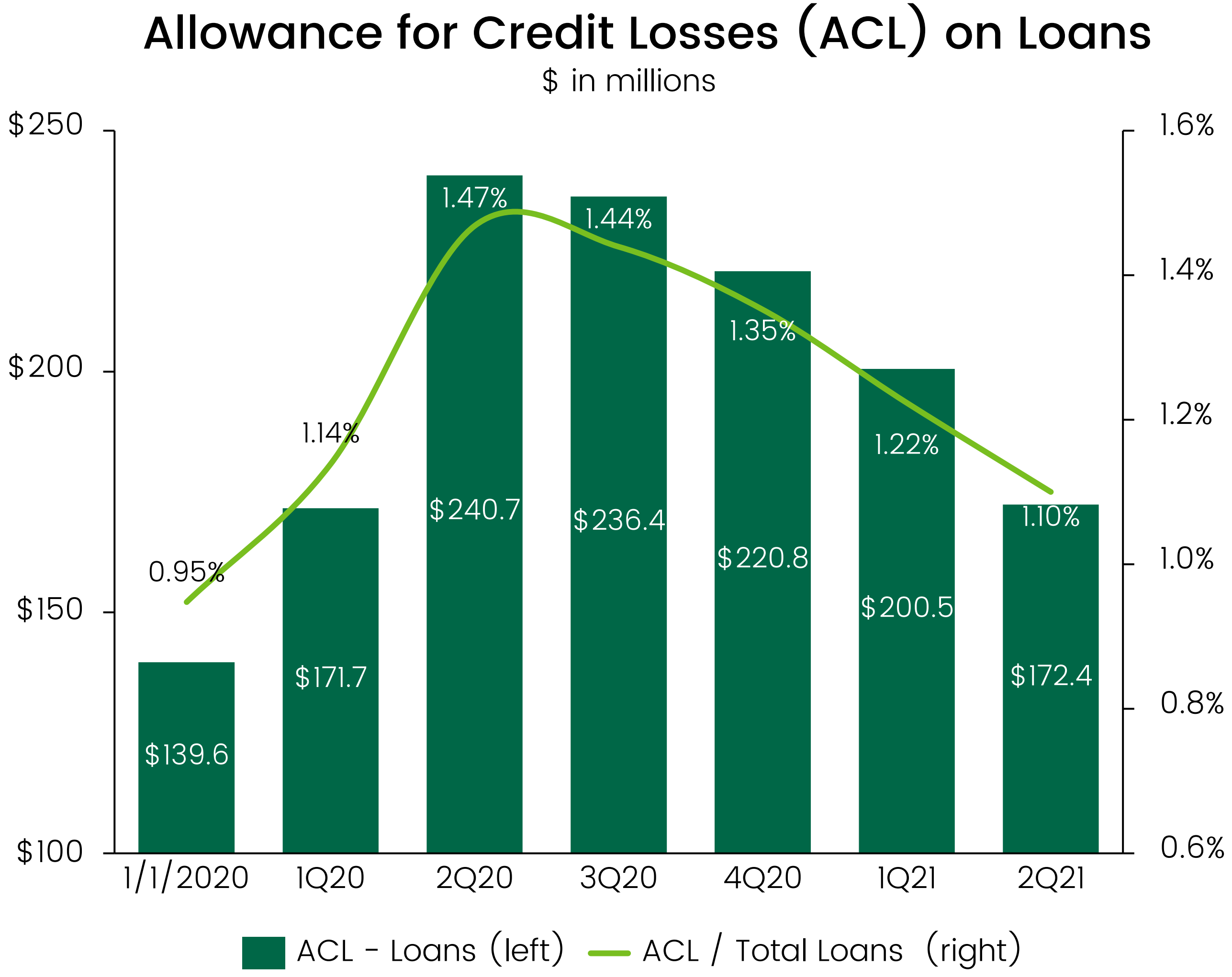


[1]Tax equivalent basis

ALLOCATION OF ALLOWANCE

CECL allowances reflect the economic and market outlook

$ in millions	March 31, 2021 CECL Model: Allowance for Credit Losses (ACL)	March 31, 2021 CECL Model: % of Outstanding Loans	June 30, 2021 CECL Model: Allowance for Credit Losses (ACL)	June 30, 2021 CECL Model: % of Outstanding Loans
Business	$ 50.6	.76%	$ 44.9	.77%
Bus R/E	35.6	1.18%	29.6	.98%
Construction	33.4	3.11%	23.5	2.13%
Commercial total	**$ 119.6**	**1.12%**	**$ 98.0**	**.99%**
Consumer	13.4	.68%	12.3	.60%
Consumer CC	59.5	10.03%	55.2	9.41%
Personal R/E	6.6	.23%	5.6	.20%
Revolving H/E	1.2	.44%	1.1	.39%
Overdrafts	.2	4.60%	.2	7.29%
Consumer total	**$ 80.9**	**1.42%**	**$ 74.4**	**1.30%**
Allowance for credit losses on loans	**$ 200.5**	**1.22%**	**$ 172.4**	**1.10%**



Commerce Bancshares, Inc.

CAPITAL FOR BUSINESS®

A middle-market private equity firm focused on the success of industrial growth companies

Quick Facts:

Small Business Investment Company (SBIC) founded in 1959

Nationwide footprint with Greater Midwest Focus

31 Portfolio Companies Representing

$682 million in Revenue

Over 2,600 Employees

Fair Value as of June 30, 2021:
$116.2 million

Investment Criteria

- Manufacturing, distribution and certain service companies
- Cash flow positive
- Good management
- Consistent financial performers
- Operate in niche markets
- Significant and defensible market positions
- Differentiated products and services
- Scalable business platforms

Target Parameters

- Revenues – $10 million to $100 million
- EBITDA – $2 million to $7 million

Transaction Types

Management buyouts
Leveraged buyouts
Succession plans
Recapitalizations
Corporate divestitures

Investment Structures

Subordinated debt
Preferred stock
Common stock
Warrants

Other Information

Co-investors
Majority control
Target 5-7 year hold period
Management participation

NON-GAAP RECONCILIATIONS

Pre-tax, Pre-provision Net Revenue

	(DOLLARS IN THOUSANDS)	For The Three Months Ended Jun. 30, 2021	Mar. 31, 2021	Jun. 30, 2020
A	Net Interest Income	$ 207,982	$ 205,748	$ 203,057
B	Non-Interest Income	$ 139,143	$ 136,045	$ 117,515
C	Non-Interest Expense	$ 198,126	$ 192,573	$ 187,512
	Pre-Provision Net Revenue (A+B-C)	**$ 148,999**	**$ 149,220**	**$ 133,060**

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