

Investor Presentation

– Fourth Quarter 2022 ——



"Safe Harbor" Statement

Under the Private Securities Litigation Reform Act of 1995

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: This release contains, and the remarks by Prosperity's management on the conference call may contain, forward-looking statements within the meaning of the federal securities laws, including Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. From time to time, oral or written forward-looking statements may also be included in other information released to the public. Such forward-looking statements are typically, but not exclusively, identified by the use in the statements of words or phrases such as "aim," "anticipate," "believe," "estimate," "expect," "goal," "guidance," "intend," "is anticipated," "is intended," "objective," "plan," "projected," "projection," "will affect," "will be," "will continue," "will decrease," "will grow," "will impact," "will increase," "will incur," "will reduce," "will remain," "will result," "would be," variations of such words or phrases (including where the word "could," "may," or "would" is used rather than the word "will" in a phrase) and similar words and phrases indicating that the statement addresses some future result, occurrence, plan or objective. Forward-looking statements include all statements other than statements of historical fact, including forecasts or trends, and are based on current expectations, assumptions, estimates and projections about Prosperity Bancshares and its subsidiaries. These forward-looking statements may include information about Prosperity's possible or assumed future economic performance or future results of operations, including future revenues, income, expenses, provision for loan losses, provision for taxes, effective tax rate, earnings per share and cash flows and Prosperity's future capital expenditures and dividends, future financial condition and changes therein, including changes in Prosperity's loan portfolio and allowance for loan losses, future capital structure or changes therein, as well as the plans and objectives of management for Prosperity's future operations, future or proposed acquisitions, including the proposed transactions with First Bancshares and Lone Star, the future or expected effect of acquisitions on Prosperity's operations, results of operations, financial condition, and future economic performance, statements about the anticipated benefits of each of the proposed transactions, and statements about the assumptions underlying any such statement, as well as expectations regarding the effects of the COVID-19 pandemic on Prosperity's operating income, financial condition and cash flows. These forward-looking statements are not guarantees of future performance and are based on expectations and assumptions Prosperity currently believes to be valid. Because forward-looking statements relate to future results and occurrences, many of which are outside of Prosperity's control, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict. Many possible events or factors could adversely affect the future financial results and performance of Prosperity, First Bancshares, Lone Star or the combined company and could cause those results or performance to differ materially from those expressed in or implied by the forward-looking statements. Such risks and uncertainties include, among others: the occurrence of any event, change or other circumstance that could give rise to the right of a party to terminate the merger agreement with First Bancshares or Lone Star, as applicable, the outcome of any legal proceedings that may be instituted against Prosperity, First Bancshares or Lone Star, delays in completing either of the transactions, the failure to obtain necessary regulatory approvals (and the risk that such approvals may result in the imposition of conditions that could adversely affect the combined company or the expected benefits of each of the transactions) or First Bancshares shareholder approval or Lone Star shareholder approval or to satisfy any of the other conditions to the transactions on a timely basis or at all, the possibility that the anticipated benefits of the transactions are not realized when expected or at all, including as a result of the impact of, or problems arising from, the integration of the two companies or as a result of the strength of the economy and competitive factors generally, or specifically in the West Texas area and the West, North and Central Texas area where First Bancshares and Lone Star, respectively, do a majority of their respective business and Prosperity has a significant presence, the possibility that the transactions may be more expensive to complete than anticipated, including as a result of unexpected factors or events, diversion of management's attention from ongoing business operations and opportunities, potential adverse reactions or changes to business or employee relationships, including those resulting from the announcement or completion of the transactions, Prosperity's ability to complete the acquisition and integration of First Bancshares and of Lone Star successfully, and the dilution caused by Prosperity's issuance of additional shares of its common stock in connection with the transactions. Prosperity disclaims any obligation to update such factors or to publicly announce the results of any revisions to any of the forward-looking statements included herein to reflect future events or developments. These and various other factors are discussed in Prosperity's Annual Report on Form 10-K for the year ended December 31, 2021, and other reports and statements Prosperity has filed with the Securities and Exchange Commission ("SEC"). Copies of the SEC filings for Prosperity may be downloaded from the Internet at no charge from http://www.prosperitybankusa.com.

Important Information

Additional Information about the First Bancshares Merger and Where to Find It

In connection with the proposed merger of First Bancshares into Prosperity, Prosperity has filed with the SEC a registration statement on Form S-4 to register the shares of Prosperity common stock to be issued to the shareholders of First Bancshares. The registration statement includes a preliminary proxy statement/prospectus. The definitive proxy statement/prospectus will be sent to the shareholders of First Bancshares seeking their approval of the proposed transaction.

WE URGE INVESTORS AND SECURITY HOLDERS TO READ THE REGISTRATION STATEMENT ON FORM S-4, THE PROXY STATEMENT/PROSPECTUS INCLUDED WITHIN THE REGISTRATION STATEMENT ON FORM S-4 AND ANY OTHER RELEVANT DOCUMENTS TO BE FILED WITH THE SECURITIES AND EXCHANGE COMMISSION IN CONNECTION WITH THE PROPOSED TRANSACTION BECAUSE THEY CONTAIN IMPORTANT INFORMATION ABOUT PROSPERITY, FIRST BANCSHARES AND THE PROPOSED TRANSACTION.

Investors and security holders may obtain free copies of these documents through the website maintained by the SEC at http://www.sec.gov. You will also be able to obtain these documents, when they are filed, free of charge, from Prosperity at http://www.prosperitybankusa.com. Copies of the proxy statement/prospectus can also be obtained, when it becomes available, free of charge, by directing a request by telephone or mail to Prosperity Bancshares, Inc., Prosperity Bank Plaza, 4295 San Felipe, Houston, Texas 77027 Attn: Investor Relations, (281) 269-7199 or to First Bancshares of Texas, Inc., 310 West Wall Street, Suite 1200, Midland, Texas 79701, Attention: Ken Burgess, (844) 322-8392.

Additional Information about the Lone Star Merger and Where to Find It

In connection with the proposed merger of Lone Star into Prosperity, Prosperity has filed with the SEC a registration statement on Form S-4 to register the shares of Prosperity common stock to be issued to the shareholders of Lone Star. The registration statement includes a proxy statement/prospectus. The definitive proxy statement/prospectus will be sent to the shareholders of Lone Star seeking their approval of the proposed transaction.

WE URGE INVESTORS AND SECURITY HOLDERS TO READ THE REGISTRATION STATEMENT ON FORM S-4, THE PROXY STATEMENT/PROSPECTUS INCLUDED WITHIN THE REGISTRATION STATEMENT ON FORM S-4 AND ANY OTHER RELEVANT DOCUMENTS TO BE FILED WITH THE SECURITIES AND EXCHANGE COMMISSION IN CONNECTION WITH THE PROPOSED TRANSACTION BECAUSE THEY CONTAIN IMPORTANT INFORMATION ABOUT PROSPERITY, LONE STAR AND THE PROPOSED TRANSACTION.

Investors and security holders may obtain free copies of these documents through the website maintained by the SEC at http://www.sec.gov. You will also be able to obtain these documents, when they are filed, free of charge, from Prosperity at http://www.prosperitybankusa.com. Copies of the proxy statement/prospectus can also be obtained, when it becomes available, free of charge, by directing a request by telephone or mail to Prosperity Bancshares, Inc., Prosperity Bank Plaza, 4295 San Felipe, Houston, Texas 77027 Attn: Investor Relations, (281) 269-7199 or to Lone Star State Bancshares, Inc., 6220 Milwaukee Avenue, Lubbock, Texas 79424, Attention: Alan Lackey, (806) 771-7717.

Participants in the Solicitation

Prosperity, First Bancshares and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from the shareholders of First Bancshares in connection with the proposed transaction. Certain information regarding the interests of these participants and a description of their direct and indirect interests, by security holdings or otherwise, is included in the registration statement and proxy statement/prospectus regarding the proposed transaction and other relevant materials to be filed with the SEC when they become available.

Prosperity, Lone Star and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from the shareholders of Lone Star in connection with the proposed transaction. Certain information regarding the interests of these participants and a description of their direct and indirect interests, by security holdings or otherwise, is included in the registration statement and proxy statement/prospectus regarding the proposed transaction and other relevant materials to be filed with the SEC when they become available.

Additional information about Prosperity and its directors and executive officers may be found in the definitive proxy statement of Prosperity relating to its 2022 Annual Meeting of Shareholders filed with the SEC on March 14, 2022, and other documents filed by Prosperity with the SEC. These documents can be obtained free of charge from the sources described above.

No Offer or Solicitation

This communication is for informational purposes only and is not intended to and does not constitute an offer to subscribe for, buy or sell, or the solicitation of an offer to subscribe for, buy or sell, or an invitation to subscribe for, buy or sell any securities or a solicitation of any vote or approval in any jurisdiction, nor shall there be any sale, issuance or transfer of securities in any jurisdiction in which such offer, invitation, sale or solicitation would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended, and otherwise in accordance with applicable law.

Fourth Quarter Highlights

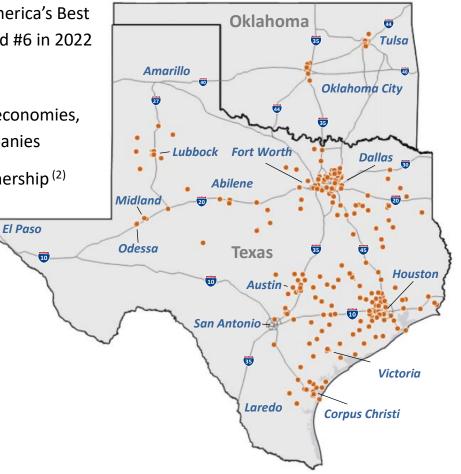
- Net income of \$137.9 million and earnings per share (diluted) of \$1.51 for three months ended December 31, 2022
- Assets of \$37.7 billion, total loans of \$18.8 billion, and deposits of \$28.5 billion at December 31, 2022
- Common equity tier 1 ratio of 15.88% and leverage ratio of 10.16% at December 31, 2022
- Loans, excluding Warehouse Purchase Program and SBA Paycheck Protection Program Loans, increased \$518.5 million or 3.0% (11.8% annualized) during the fourth quarter 2022
- Sound asset quality with annualized net charge-offs / quarterly average loans of 0.01%
- Nonperforming assets to average earning assets remain low at 0.08% or \$27.5 million for the fourth quarter 2022
- Allowance for credit losses on loans and on off-balance sheet credit exposure of \$311.5 million
- Allowance for credit losses to total loans, excluding Warehouse Purchase Program and SBA Paycheck Protection Program loans, of 1.56%
- Efficiency ratio of 40.9% for the fourth quarter 2022
- Declared cash dividend of \$0.55 for the first quarter 2023

Strong Presence in Texas and Oklahoma

- A Texas-based financial holding company with \$37.7 billion in total assets
- Prosperity has been ranked in the Top 10 of Forbes America's Best Banks since the list's inception in 2010, and was ranked #6 in 2022
- Ranked #2 in deposit market share in Texas ⁽¹⁾
- Texas and Oklahoma continue to benefit from strong economies, and are home to 56 Fortune 500 headquartered companies
- Shareholder driven with 4.2% fully diluted insider ownership⁽²⁾
- Successful completion of 43 acquisitions (whole bank, branch and failed bank transactions)

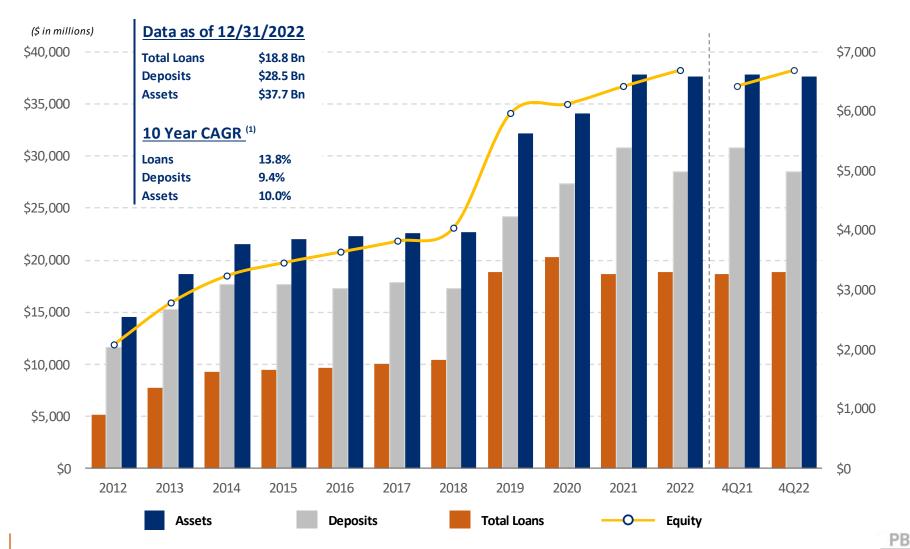
272 Full-Service Locations

- 16 in Bryan/College Station Area
- 6 in Central Oklahoma Area
- 29 in Central Texas Area
- 62 in Dallas/Fort Worth Area
- 22 in East Texas Area
- 65 in Houston Area
- 30 in South Texas Area
- 8 in Tulsa Area
- 34 in West Texas Area



Per FDIC; Includes Texas headquartered commercial banks; Deposits as of 6/30/2022
 Per proxy statement (Form DEF 14A) filed on 3/14/2022

Balance Sheet Summary

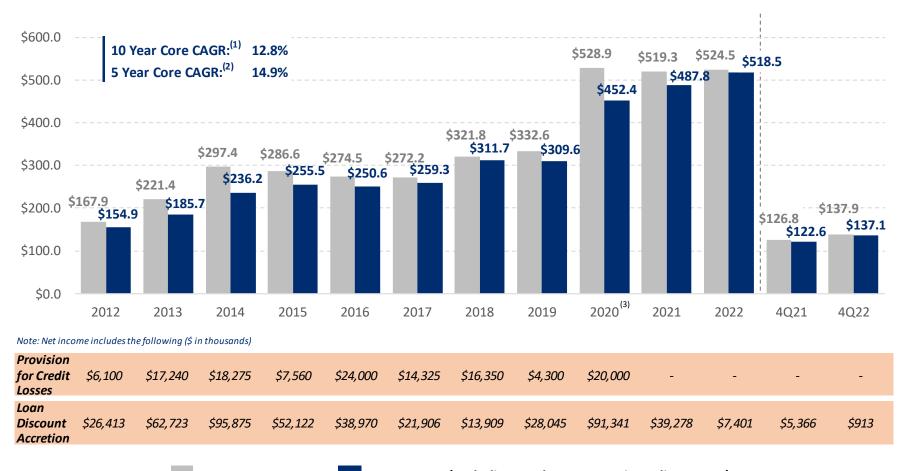


NYSE

Source: Company Documents

(1) Represents the Compound Annual Growth Rate from 12/31/2012 – 12/31/2022

Net Income



Net Income

Net Income (Excluding Purchase Accounting Adjustments)

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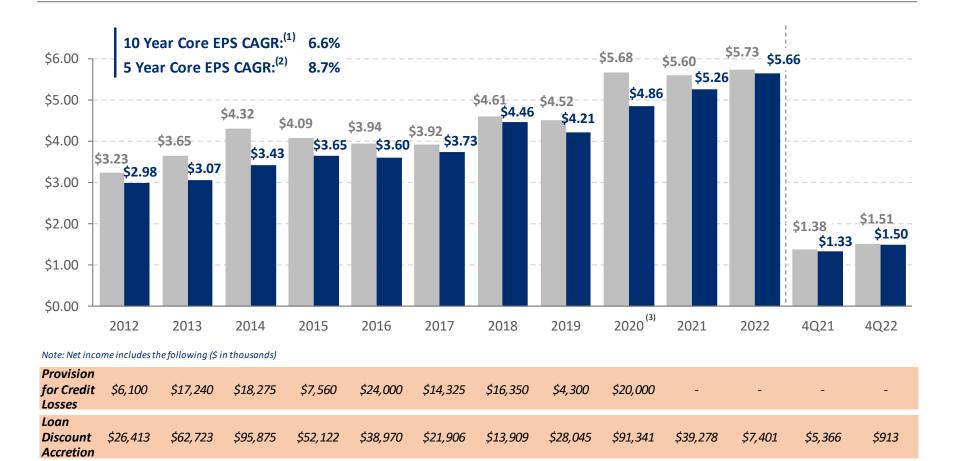
Source: Company Documents

(1) Represents the Compound Annual Growth Rate of net income (excluding purchase accounting adjustments) from 12/31/2012 – 12/31/2022

(2) Represents the Compound Annual Growth Rate of net income (excluding purchase accounting adjustments) from 12/31/2017 – 12/31/2022

(3) Includes NOL tax benefit of \$20.145 million related to the CARES Act

Earnings Per Share



EPS

Core EPS (Excluding Purchase Accounting Adjustments)

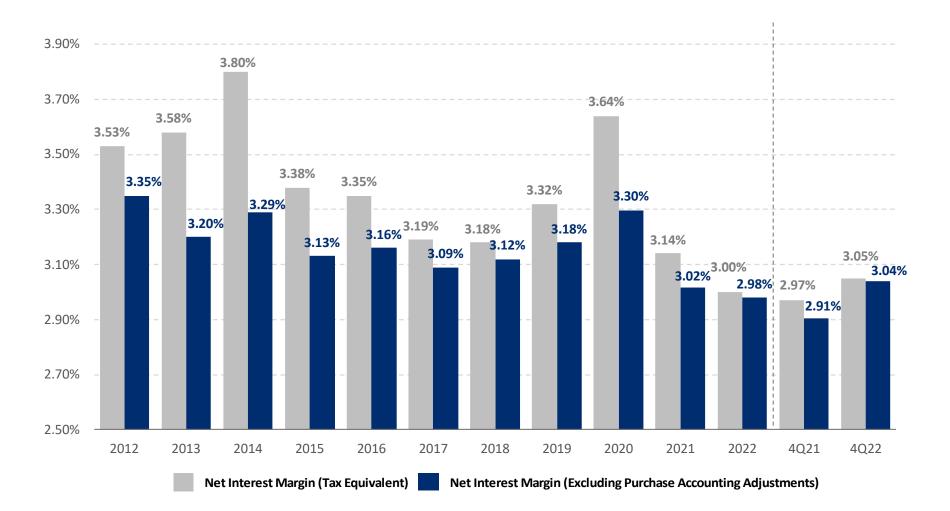
Source: Company Documents

(1) Represents the Compound Annual Growth Rate for EPS (excluding purchase accounting adjustments) from 12/31/2012 – 12/31/2022

(2) Represents the Compound Annual Growth Rate for EPS (excluding purchase accounting adjustments) from 12/31/2017 – 12/31/2022

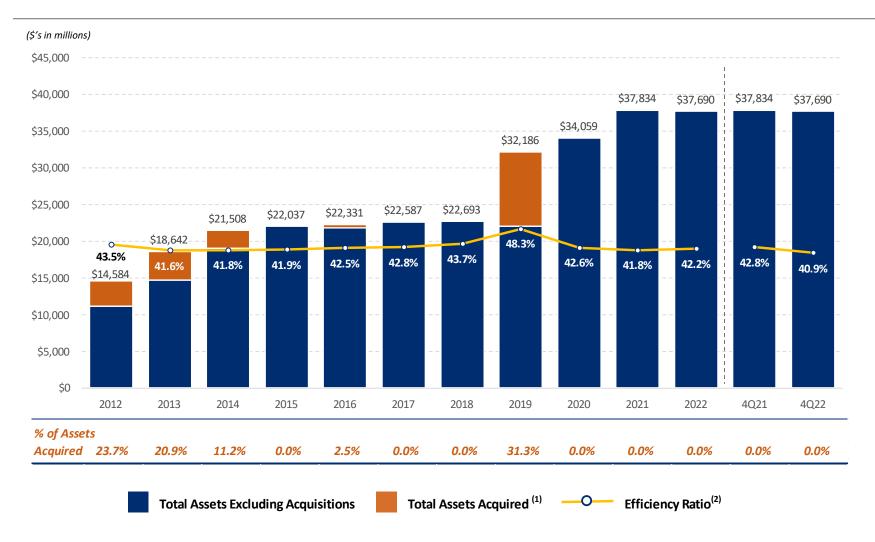
(3) Includes NOL tax benefit of \$20.145 million related to the CARES Act

Net Interest Margin



PB UISTED NYSE

Acquisitions & Efficiency Ratio



Source: Company Documents

(1) Representative of target assets at closing



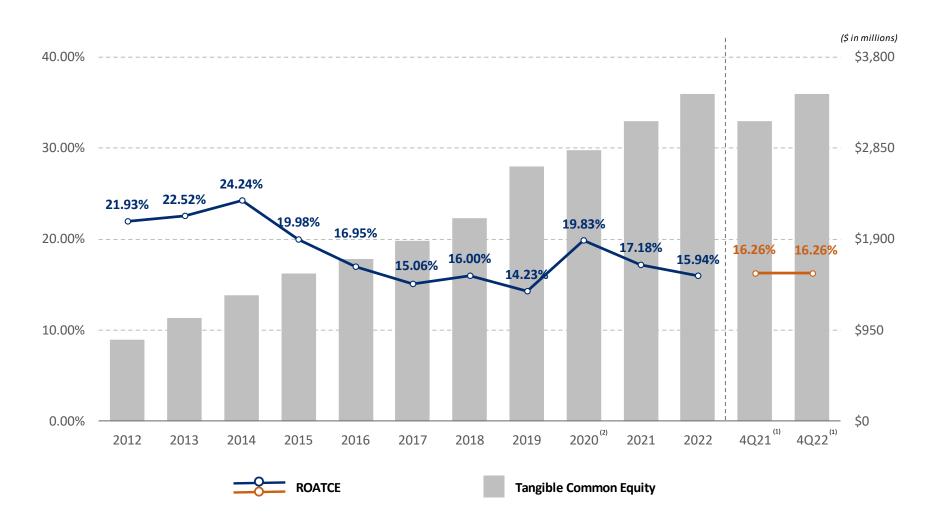
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NYSE

10

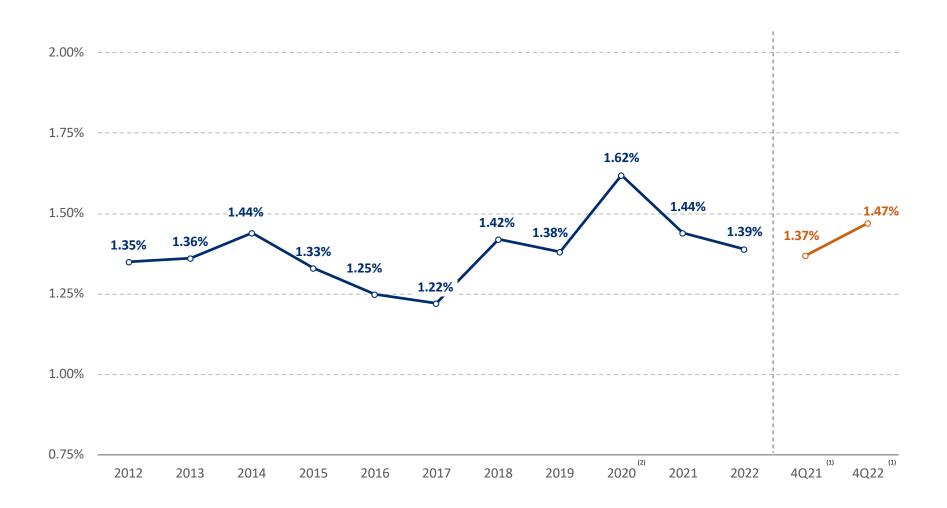
Calculated by dividing total noninterest expense, excluding credit loss provisions, by net interest income plus noninterest income, excluding net gains and losses on the sale or write (2)down of assets and securities. Additionally, taxes are not part of this calculation.

Return on Average Tangible Common Equity





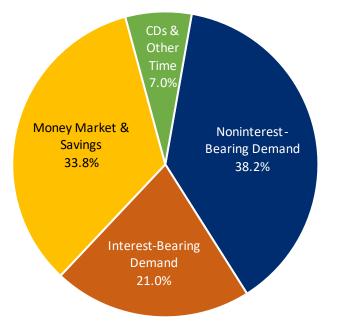
Return on Average Assets





Deposit Composition

As of December 31, 2022 (\$ in millions)



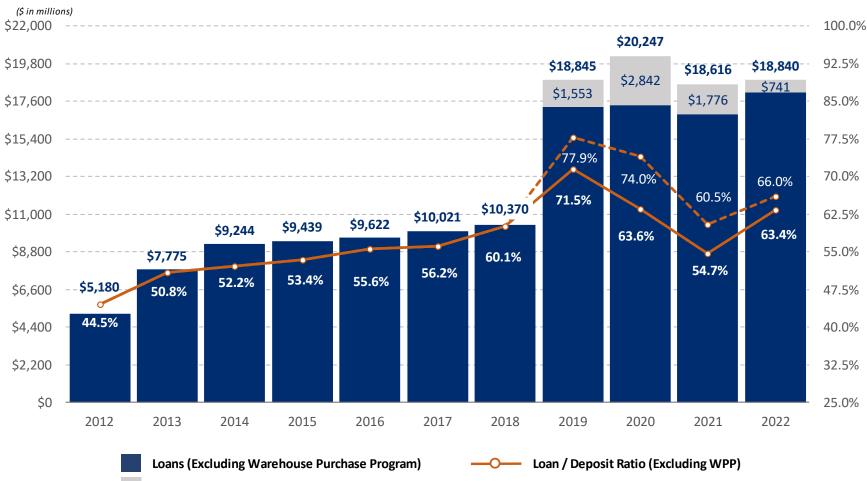
	\$mm	Cost (%) ⁽¹⁾
Noninterest-Bearing Demand	\$10,915	0.00%
Interest-Bearing Demand	\$5,986	0.22%
Money Market & Savings	\$9,636	1.13%
CDs & Other Time	\$1,996	0.94%

Total Deposits: \$28.5Bn *Total Cost of Deposits: 0.50%*⁽¹⁾ *Cost of Interest-Bearing Deposits: 0.81%*⁽¹⁾

13

PB MSNED NYSE

Loan Growth



Warehouse Purchase Program (WPP)

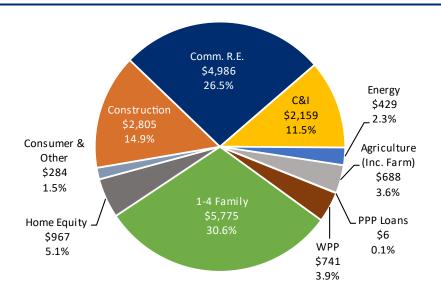
Loan / Deposit Ratio (Including WPP)

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Loan Portfolio Overview

As of December 31, 2022 (\$ in millions)

Loan Portfolio by Category & Geography



Loans By Area	<u>Amount</u> ⁽²⁾⁽⁴⁾	% of Total
Bryan / College Station	\$769	4.3%
Central Oklahoma	\$633	3.5%
Central Texas	\$2,291	12.7%
Dallas / Ft. Worth	\$6,397	35.4%
East Texas	\$731	4.0%
Houston	\$4,172	23.1%
South Texas	\$1,413	7.8%
Tulsa	\$577	3.2%
West Texas	\$1,078	6.0%

Source: Company Documents

15

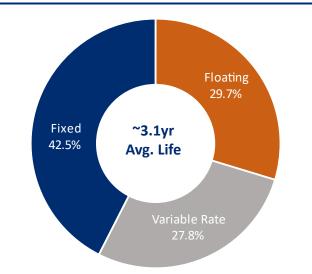
(1) Data for the three months ended December 31, 2022

(2) Excludes \$38 million in loans assigned to the Corporate Group

(3) Core yield excludes purchase accounting adjustments

(4) Excludes Warehouse Purchase Program (WPP) loans

Loans by Rate Structure



Total Loans: \$18.8Bn Loans HFI (Excl. WPP): \$18.1Bn

Yield on Total Loans: 5.02%⁽¹⁾ Yield on Loans HFI (Excl. WPP): 4.98%⁽¹⁾ Core Yield on Loans HFI (Excl. WPP): 4.96%⁽¹⁾⁽³⁾

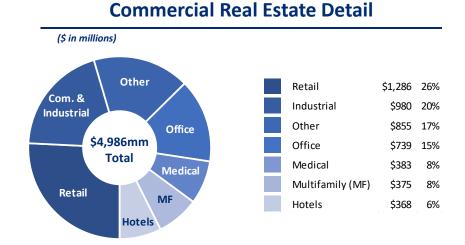


Loan Portfolio Detail

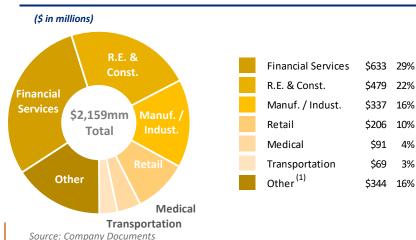
As of December 31, 2022 (\$ in millions)

Portfolio Commentary

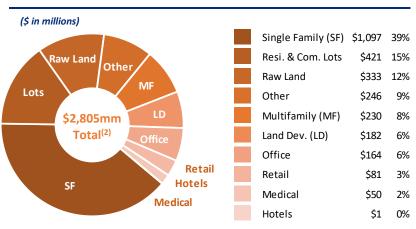
- Loan portfolio is diversified across the Bank's market areas and by underlying collateral type
- 34% of commercial real estate is owner occupied
- CRE and construction loans conservatively underwritten to cost of collateral



C&I Detail (Excluding Energy Loans)



Construction Detail



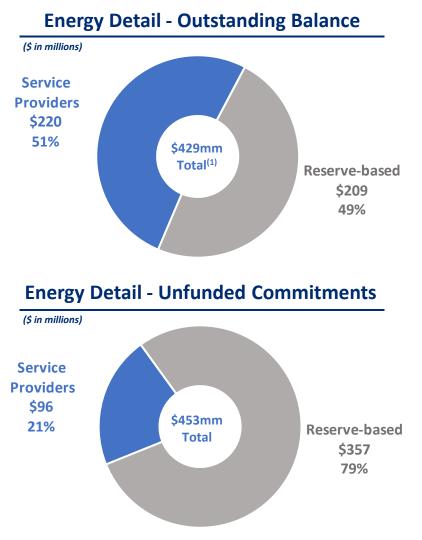
(1) Includes State & Political loans

(2) Total includes a net unaccreted discount of (\$14,000) not shown in graph

ISTED

Loan Portfolio Detail (Continued)

As of December 31, 2022 (\$ in millions)



Portfolio Commentary

- Total energy loan loss reserves of 2.1%, or \$9.2 million (excluding fair value marks)⁽¹⁾
- \$9.5 million, or 2.2% of energy loans, are subject to fair value marks of \$0.3 million in addition to general and specific loan loss reserves
- Portfolio is company-led with only 3 Shared National Credits (SNC), all of which were originated and syndicated by Prosperity
- Portfolio focused on lending on proven producing reserves and therefore not dependent on ongoing development



Source: Company Documents

17

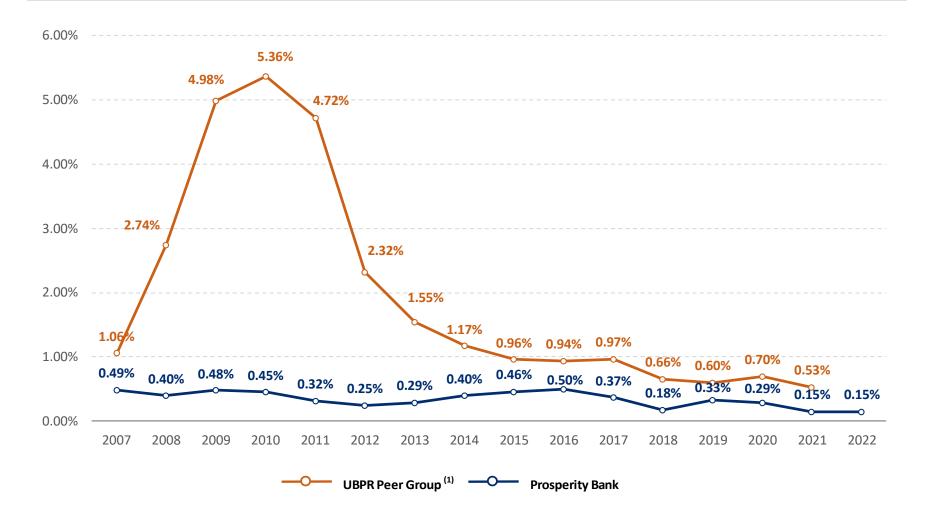
(1) Amount shown net of discount related to purchase accounting; Excludes PPP loans

Changes to Allowance for Credit Losses

(\$ in millions)

1.61% ACL to Total Loans ⁽¹⁾					1.56% ACL to Total Loans ⁽¹⁾
				\$7.3	
\$282.2 ▲	(\$0.6)	(\$6.2)	(\$1.1)		\$281.6 ▲
Allowance for Credit Losses	Net Charge-offs	 PCD recoveries \$6.2 million released related to resolved PCD loans without any charge offs during the fourth quarter 	 Outstanding balances Historical loss rates Non-PCD specific reserves 	 Net increased reserve related to changes in macro-economic conditions and qualitative economic outlook 	Allowance for Credit Losses
Allowance for Unfunded Commitments (Other Liabilities) • \$29.9					Allowance for Unfunded Commitments (Other Liabilities) V \$29.9
Q3 2022 ACL	Portfolio Changes	Portfolio Changes	Portfolio Changes	Environmental Outlook	Q4 2022 ACL

Asset Quality NPAs / Loans + OREO



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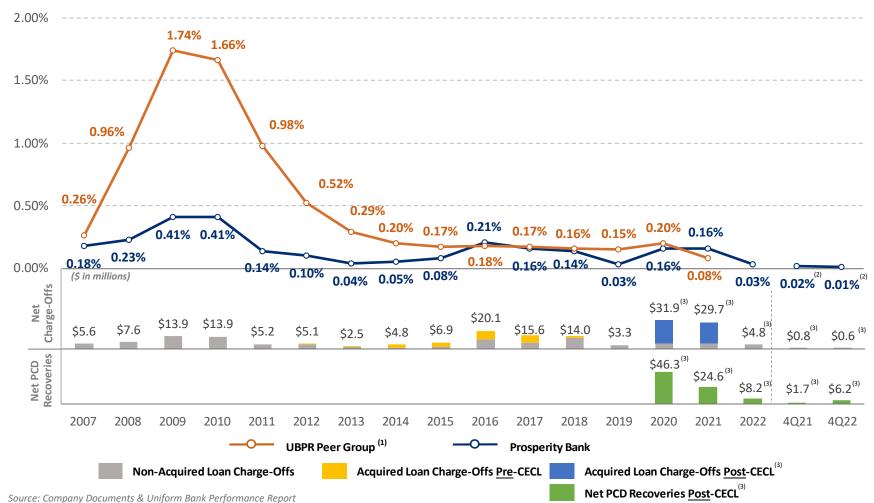
NYSE

Source: Company Documents & Uniform Bank Performance Report

Note: NPAs include loans past due 90 days and still accruing

(1) UBPR = Uniform Bank Performance Report; Peer Group 2 (111 banks) – Insured commercial banks having assets between \$10 billion and \$100 billion

Asset Quality Net Charge-Offs / Average Loans



Note: NPAs include loans past due 90 days and still accruing

20

(1) UBPR = Uniform Bank Performance Report; Peer Group 2 (111 banks) – Insured commercial banks having assets between \$10 billion and \$100 billion

(2) Interim period net charge-off ratios shown on an annualized basis

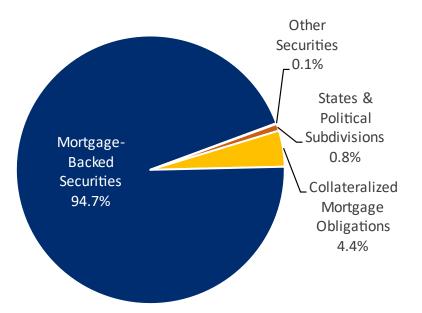
(3) Reflects all charge-offs and recoveries on acquired loans in accordance with CECL accounting practices; Prior to the adoption of CECL in the first quarter of 2020, PCD loans were classified as Purchased Credit Impaired (PCI) loans and their assigned fair-value marks were netted against the outstanding loan balance with a charge-off only being recorded when the loss exceeded the amount of fair-value marks remaining.

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NYSE

Securities Portfolio Detail

As of December 31, 2022 (\$ in millions)



	Şmm
Mortgage-Backed Securities	\$13,713
Collateralized Mortgage Obligations	\$629
States & Political Subdivisions	\$122
Other Securities	\$12

Total Securities: \$14.5Bn

Yield on Securities: 1.96%⁽¹⁾ Duration: ~4.5 Yrs.⁽²⁾ Avg. Yearly Cash Flow: ~\$2.2Bn

96.8% Held to Maturity 3.2% Available for Sale

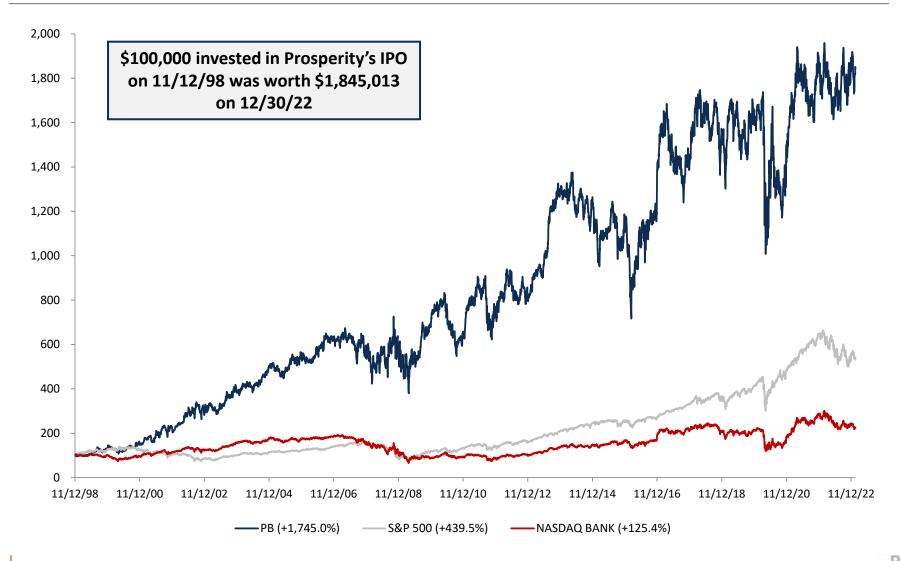


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Source: Company Documents (1) Data for the three months ended December 31, 2022 (2) Effective duration +300bps shown; Effective duration -300bps equal to 4.4 years; Weighted average life equal to 5.3 years

Total Return Performance

IPO (November 12, 1998) to December 30, 2022



Presence in Fast-Growing Markets

Positioned in Strong Markets



Oklahoma City

Tulsa

- Today, Texas is the 2nd largest state in the U.S by population with over 29 million residents
- Ranked #1 on the Fortune 500 list with 53 headquartered companies in 2022
- Ranked #1 state for business for the 9th consecutive time by U.S. corporate executives in an International Economic Development Council survey
- Oklahoma City and Tulsa MSAs comprise over 60% of the state's population
- Oklahoma is home to 3 of the 2022 Fortune 500 Companies
- Top 4 state for production of natural gas, net electricity generation from wind, and production of crude oil
- Oklahoma is one of the top 5 producers of wheat in the United States

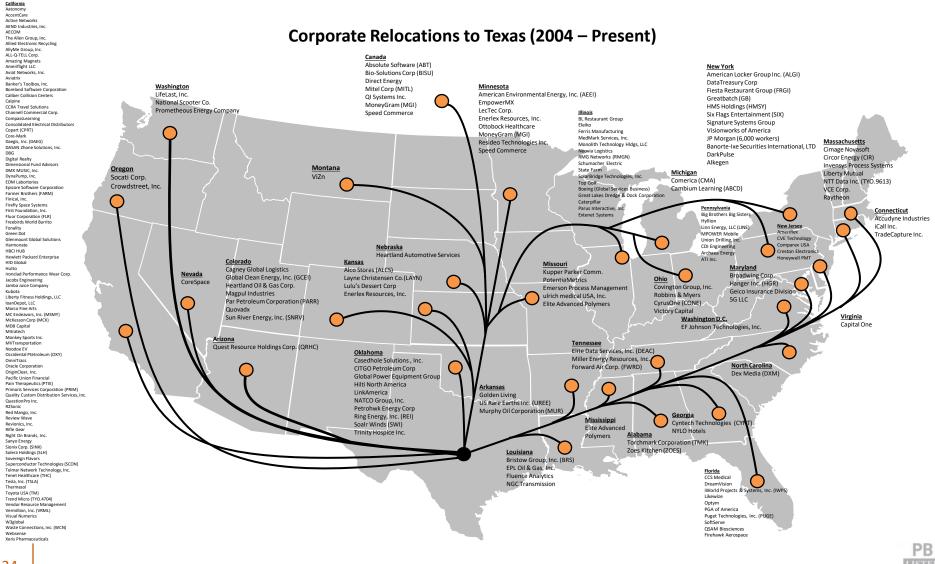
Top 10 Fastest Growing MSAs in the U.S.⁽¹⁾

Metropolitan Statistical Area	Prosperity Presence	Prosperity Deposits (\$mm)	2023 - 2028 Population Growth
Austin-Round Rock-Georgetown, TX	\checkmark	\$1,491	7.8%
Raleigh-Cary, NC			7.4%
Jacksonville, FL			6.9%
Orlando-Kissimmee-Sanford, FL			6.3%
Nashville-DavidsonMurfreesboroFranklin, TN			6.1%
Charlotte-Concord-Gastonia, NC-SC			5.8%
Tampa-St. Petersburg-Clearwater, FL			5.2%
San Antonio-New Braunfels, TX	\checkmark	\$585	5.0%
Dallas-Fort Worth-Arlington, TX	\checkmark	\$8,161	5.0%
Houston-The Woodlands-Sugar Land, TX	\checkmark	\$6,677	4.8%

 Presence in the four of the fastest growing MSAs in the United States



Corporate Relocations to Texas



Houston Market Highlights

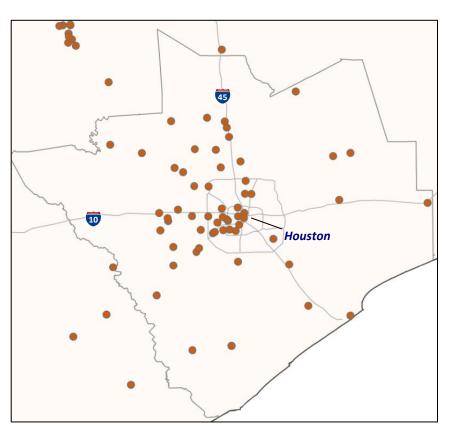
Market Highlights

- Houston MSA is the 5th largest in the United States by population with nearly 7.4 million residents
 - Population is expected to grow 4.8% from 2023 2028
- Home to NASA's Johnson Space Center and Texas Medical Center the world's largest medical complex
- As of November 2022, total nonfarm employment has increased 5.6% YoY, compared to the 12 month statewide increase of 5.1% and the nationwide increase of 2.3%
 - Employment in Houston has increased 15.8% YoY in the leisure and hospitality sector and 8.6% YoY in construction, compared to 11.9% and 3.9% statewide, respectively
- Houston has the largest export market in the U.S.
 - The Port of Houston is ranked 1st in the U.S. in international waterborne tonnage and in total waterborne tonnage handled

Select Fortune 500 Companies



Houston Franchise



Source: S&P Global, Houston.org, Bureau of Labor Statistics, Forbes.com, Port Houston, Greater Houston Partnership, Houston Properties. References to Houston refer to the Houston – The Woodlands – Sugar Land metropolitan statistical area.



Dallas/Ft. Worth Market Highlights

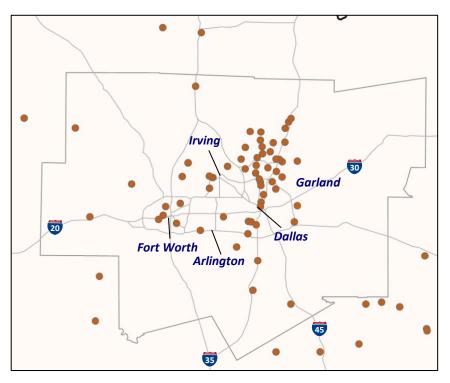
Market Highlights

- Dallas/Ft. Worth MSA is the 4th largest in the United States by population with over 7.9 million residents
 - Population is expected to grow 5.0% from 2023 2028
- As of November 2022, total nonfarm employment has increased 6.1% YoY, compared to the 12 month statewide increase of 5.1% and the nationwide increase of 2.3%
 - Unemployment rate is 3.3%, down from 4.9% in August 2021
- As of November 2022, employment increased 8.2% YoY in Mining, Logging and Construction and 6.2% in Financial Activities
 - Among the 12 largest MSAs by population, Dallas had both the highest YoY increase in employment in financial activities and total nonfarm employment
- Headquarters to 22 Fortune 500 companies

Select Fortune 500 Companies



Dallas / Ft. Worth Franchise



Source: S&P Global, Bureau of Labor Statistics, Dallasnews.com, Wfaa.com, Star-telegram.com, The Brookings Institution, Fortune.com. References to Dallas refer to the Dallas – Fort Worth – Arlington metropolitan statistical area.

Austin Market Highlights

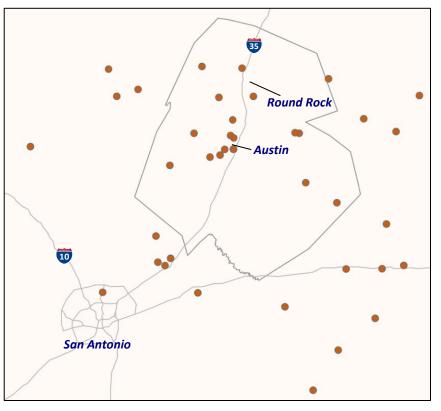
Market Highlights

Austin Franchise

- Population grew by 33% from 2010 to 2020, the highest of any major MSA in the country
 - Ranks first among MSAs for new residents as a percent of total population
- Expected population growth of 7.8% from 2023 2028
- As of November 2022, total nonfarm employment has increased 4.7% YoY, compared to the 12 month statewide increase of 5.1% and the nationwide increase of 2.3%
 - Unemployment rate is 2.8%, compared to 4.0% statewide and 3.4% nationwide
 - Employment in Austin has increased 19.4% YoY in the leisure and hospitality sector and 9.2% YoY in manufacturing, compared to 11.9% and 5.3% statewide, respectively
- 15 companies have begun operations and 15 companies expanded their existing operations in the Austin-Round Rock MSA in Q4 2022
- Austin-Round Rock ranks 2nd for best MSA for STEM professionals amongst the top 100 MSAs

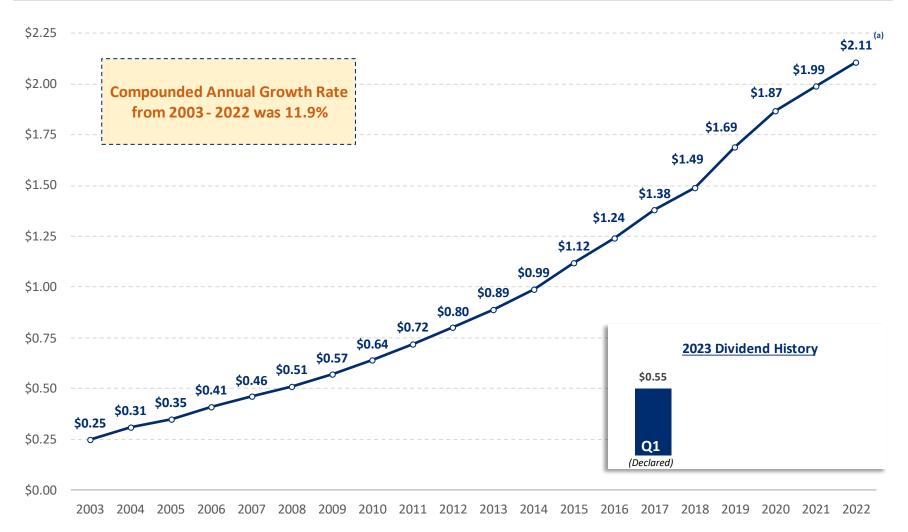
Select Fortune 500 Companies







Dividend History





Contact Information

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