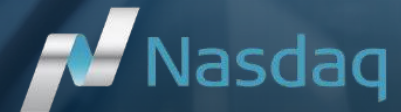


Ensuring our Clients and Our Institution *Succeed Boldly*

Esquire Financial Holdings, Inc.
(Financial Holding Company for Esquire Bank, N.A.)

1Q 2024 Investor Presentation



Listed as **ESQ**



Forward Looking Disclosure

This presentation contains forward-looking statements within the meaning of the federal securities laws. Forward-looking statements are not historical fact and express management's current expectations, forecasts of future events or long-term goals and, by their nature, are subject to assumptions, risks and uncertainties, many of which are beyond the control of the Company. These statements are may be identified through the use of words or phrases such as "may," "might," "should," "could," "predict," "potential," "believe," "expect," "attribute," "continue," "will," "anticipate," "seek," "estimate," "intend," "plan," "projection," "goal," "target," "outlook," "aim," "would," "annualized" and "outlook," or the negative version of those words or other comparable words or phrases of a future or forward-looking nature. Forward-looking statements speak only as of the date they are made and are inherently subject to uncertainties and changes in circumstances, including those described under the heading "Risk Factors" in the Company's 10-K and 10-Q, filed with the Securities and Exchange Commission ("SEC"). Forward-looking statements are not guarantees of future performance and should not be relied upon as representing management's views as of any subsequent date. Actual results could differ materially from those indicated. The Company undertakes no obligation to update forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law.

The forward-looking statements speak as of the date of this presentation. The delivery of this presentation shall not, under any circumstances, create any implication there has been no change in the affairs of the Company after the date hereof.

This presentation includes industry and market data that we obtained from periodic industry publications, third-party studies and surveys. Industry publications and surveys generally state that the information contained therein has been obtained from sources believed to be reliable. Although we believe the industry and market data to be reliable as of the date of this presentation, this information could prove to be inaccurate. Industry and market data could be wrong because of the method by which sources obtained their data and because information cannot always be verified with complete certainty due to the limits on the availability and reliability of raw data, the voluntary nature of the data gathering process and other limitations and uncertainties. In addition, we do not know all of the assumptions regarding general economic conditions or growth that were used in preparing the forecasts from the sources relied upon or cited herein.

This presentation contains financial information determined by methods other than in accordance with accounting principles generally accepted in the United States of America ("GAAP"). We believe that these non-GAAP financial measures provide information that is important to investors and that is useful in understanding our financial position, results and ratios. However, these non-GAAP financial measures are supplemental and are not a substitute for an analysis based on GAAP measures. As other companies may use different calculations for this measure, this presentation may not be comparable to other similarly titled measures by other companies.

These disclosures should not be viewed as a substitute for operating results determined in accordance with GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other companies.

A reconciliation of the non-GAAP measures used in this presentation to the most directly comparable GAAP measures is provided in the Appendix to this presentation.



How Our Clients *Succeed Boldly*

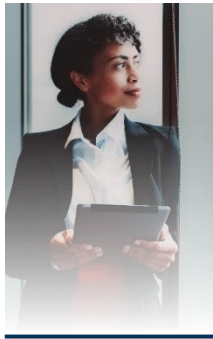
Nationwide Branchless Tech Enabled Litigation & Payment Processing Verticals

Generating Industry Leading Returns

Litigation Vertical

Commercial Banking Nationally

- ▶ Decades of expertise in the national litigation market
- ▶ Asset sensitive model anchored by law firm loans yielding approx. 10%
- ▶ Branchless and tech enabled core deposit platform funded at 0.96%
- ▶ Driving loan and deposit growth with a 5 Year CAGR in excess of 20% since 2019



Payment Processing Vertical (Merchant Services)

Small Business Banking Nationally

- ▶ Expertise in sales, risk, and compliance management for 25+ years
- ▶ Independent Sales Organization (“ISO”) model with approximately 85,000 merchants nationally
- ▶ Fee income represents 22% of total revenue
- ▶ Strong growth and stable fee income with a 5 Year CAGR of 22% since 2019



Industry Leading Returns

Fueled by Branchless and Tech Enabled National Verticals

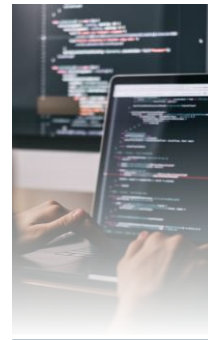
- ▶ ROA and ROTCE of 2.59% and 20.14%, respectively
- ▶ Industry leading NIM of 6.06%
- ▶ Diversified revenue stream with strong NIM and stable fee income
- ▶ Strong efficiency ratio of 49.8% while investing in resources (people, IT, and marketing) for future growth



Technology – the Future

A Catalyst for Strong Growth

- ▶ A digital-first disruptor bank with best-in-class technology fueling future growth and industry leading client retention rates
- ▶ Account-based digital marketing (“ABM”) from our CRM to power prospective client engagements nationally
- ▶ Leveraged artificial intelligence (“AI”), advanced data analytics, and personalization features to deliver real-time thought leadership content



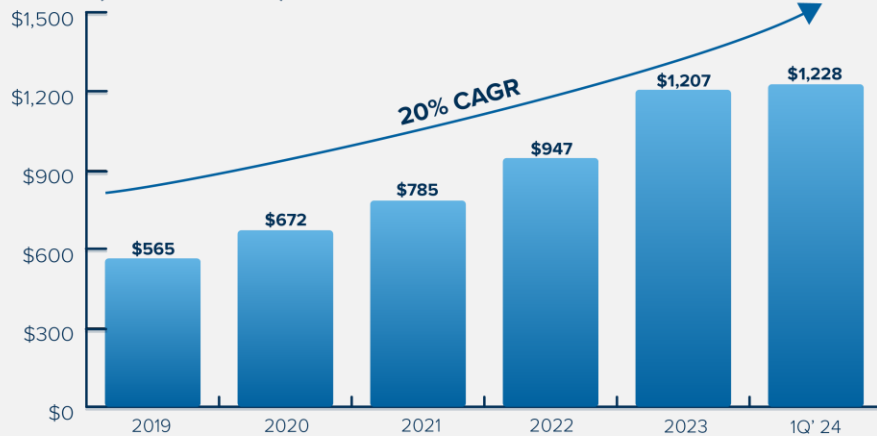


How Esquire Succeeds Boldly

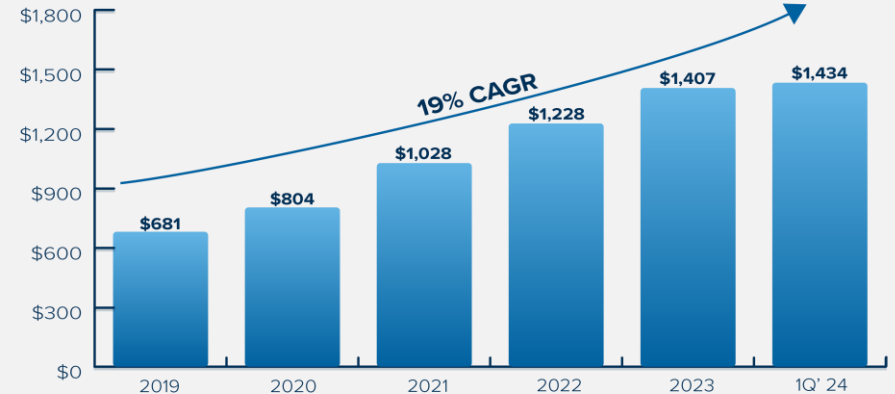
Strong Growth Driven by Unique National Verticals

at March 31, 2024

Loans, net of deferred fees
(\$ in millions)



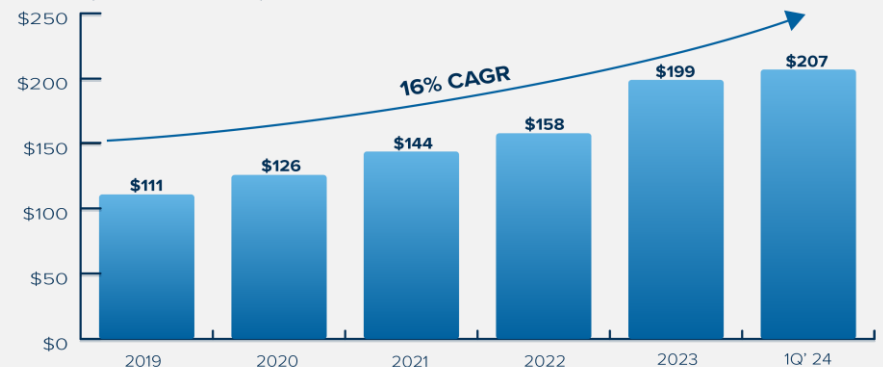
Total Deposits
(\$ in millions)



Key Highlights

- ▶ Strong growth in higher yielding variable rate commercial loans nationally
- ▶ Stable low-cost branchless and tech enabled deposit model
- ▶ Equity to Assets of 12.52% (Adjusted⁽¹⁾ 12.16%)
- ▶ Common Equity Tier 1 of 14.41% (Adjusted⁽¹⁾ 12.88%)

Stockholders Equity
(\$ in millions)



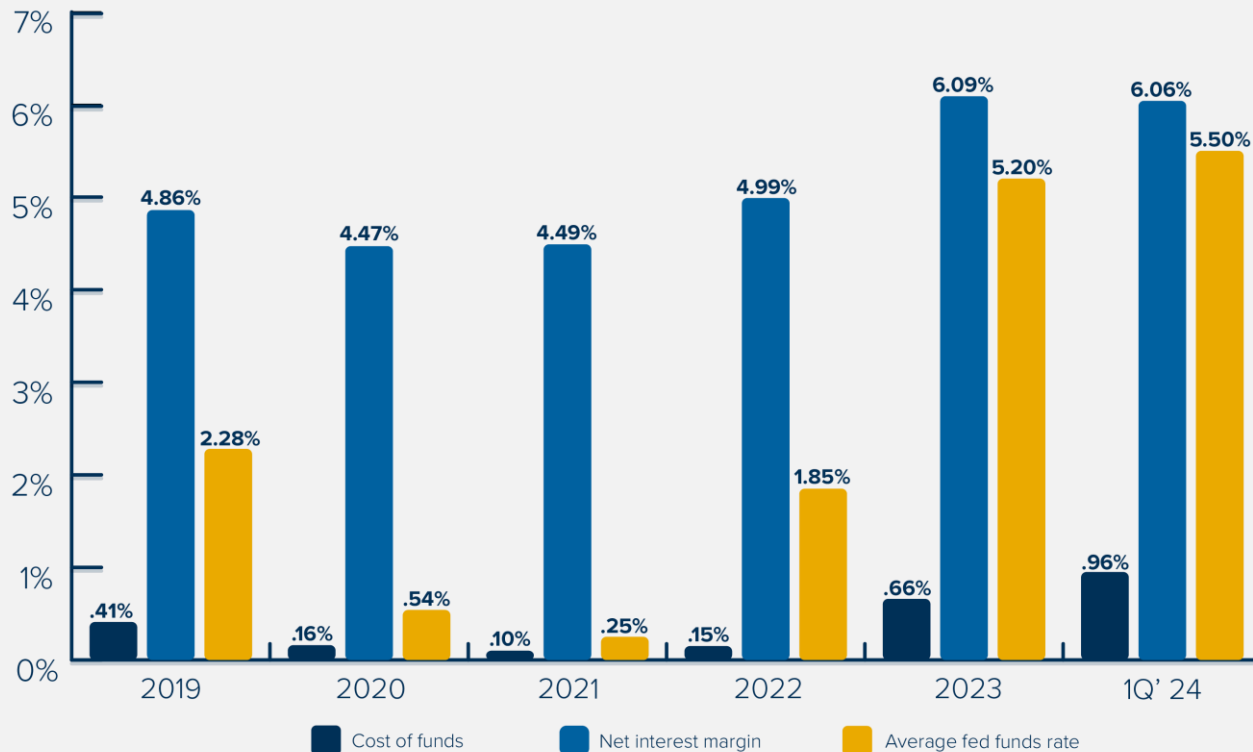
(1) See non-GAAP reconciliation provided in the appendix.



How Esquire *Succeeds Boldly*

Industry Leading Net Interest Margin

- Stable low-cost branchless funding model with a strong commercial deposit franchise nationally
- DDA and escrow-based NOW accounts represent 33% and 50% of total deposits at March 31, 2024, respectively
- Higher yielding variable rate commercial loans anchored by our national litigation portfolio
- Asset sensitive balance sheet with approximately 90% of our variable rate commercial loans having one-year interest rate floors at their origination or renewal dates

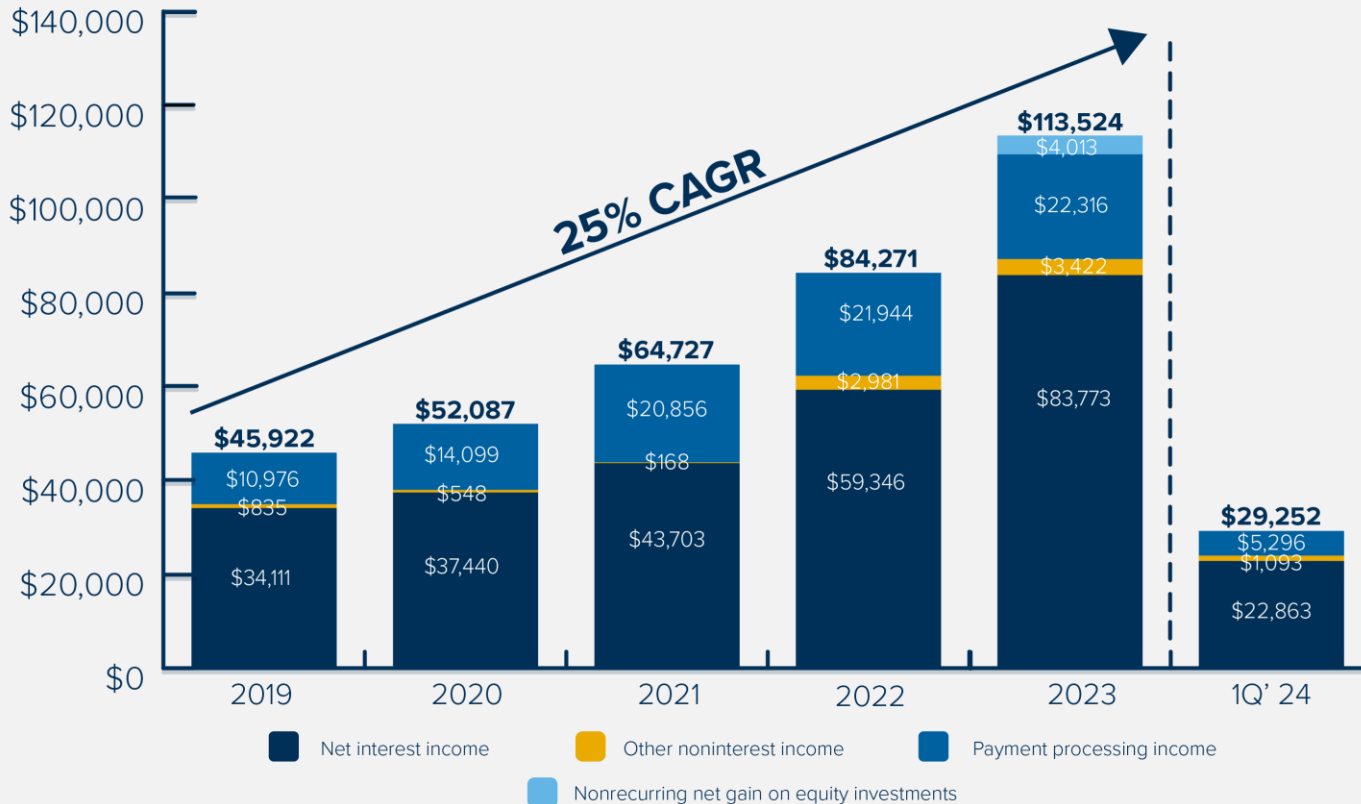




How Esquire Succeeds Boldly

Strong Revenue Growth

(\$ in thousands) at March 31, 2024



Key Highlights

- ▶ Strong asset sensitive net interest margin
- ▶ Stable payment processing fee income
- ▶ Growing ASP fee income derived from off-balance sheet funds management

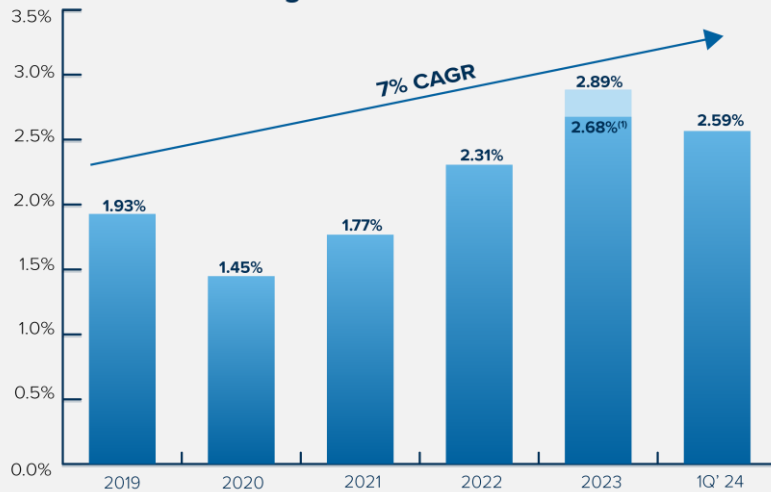


How Esquire Succeeds Boldly

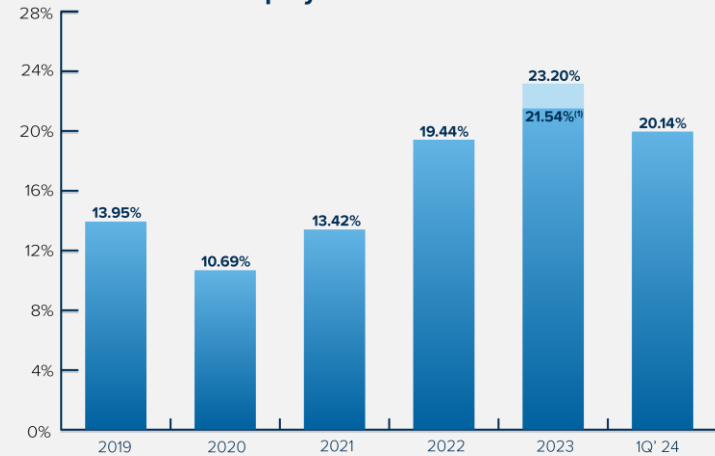
Financial Highlights

at March 31, 2024

Return on Average Assets



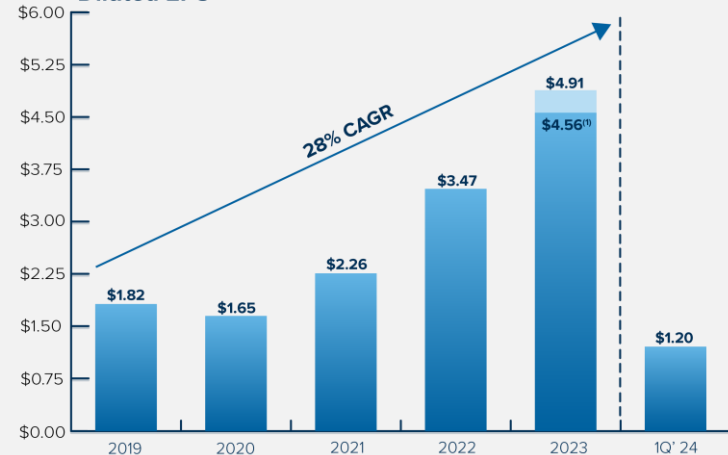
Return on Average Stockholders' Equity



Key Highlights

- Industry leading returns
- Named to the Piper Sandler 2023 Bank & Thrift Small Market-All Stars
- Raymond James' Top Performing Community Bank (2018-2022)
- Book value per share and equity to assets are \$24.97 and 12.52% at March 31, 2024, respectively

Diluted EPS*



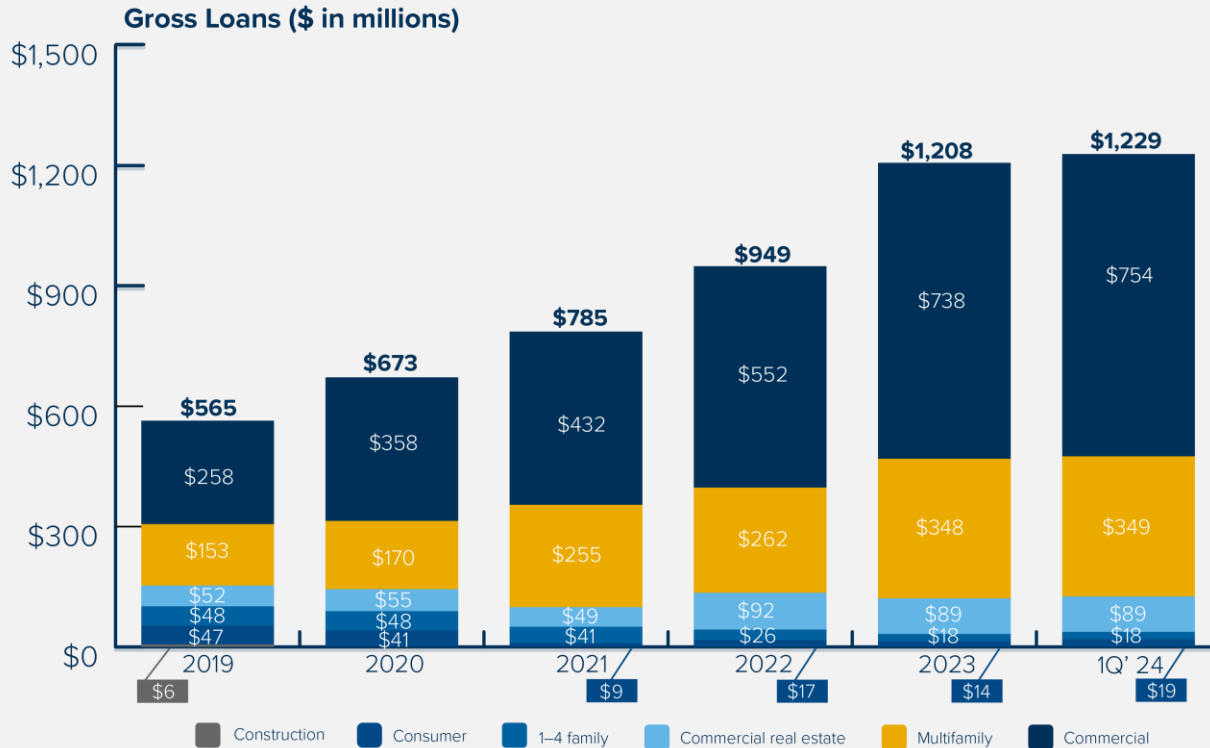
(1) The adjusted results exclude a nonrecurring pretax \$4.0 million net gain on equity investments. See non-GAAP reconciliation provided in the appendix.



How Esquire Succeeds Boldly

Loan Portfolio Diversification with Focused Growth at March 31, 2024

- ▶ Focused growth in higher yielding variable rate commercial loans with strong credit metrics on a national basis
- ▶ Selective multifamily loan growth with strong historical performance, DSCRs, and LTVs in the NY metro market



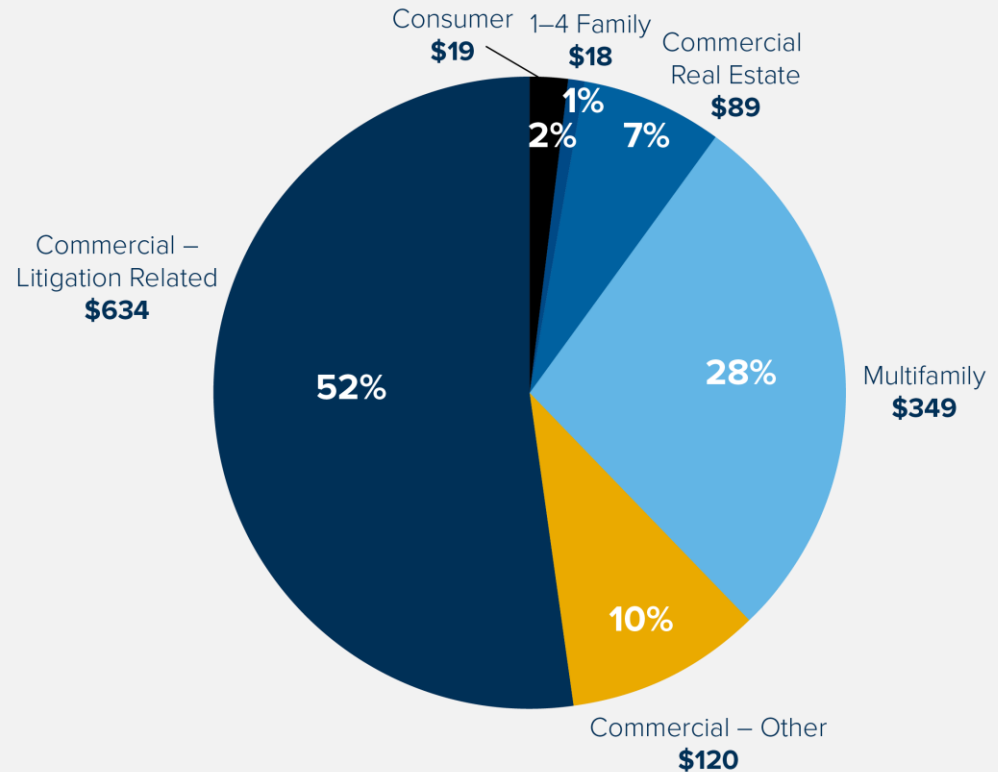


How Esquire *Succeeds Boldly*

Loan Portfolio Diversification with Focused Growth

- Substantially all of our \$754 million in commercial loans are variable rate and tied to prime comprising approximately 60% of our loan portfolio
- Approximately 90% of our commercial loan portfolio was originated (or renewed annually) with interest rate floors in place
- Asset sensitive – estimated sensitivity of projected annualized net interest income (“NII”) down 100 and 200 basis point rate scenarios decreases projected NII by 4.6% and 9.2%, respectively at December 31, 2023

Loan Portfolio Diversification – \$1.23 Billion at March 31, 2024 (\$ in millions)





How Esquire Succeeds Boldly

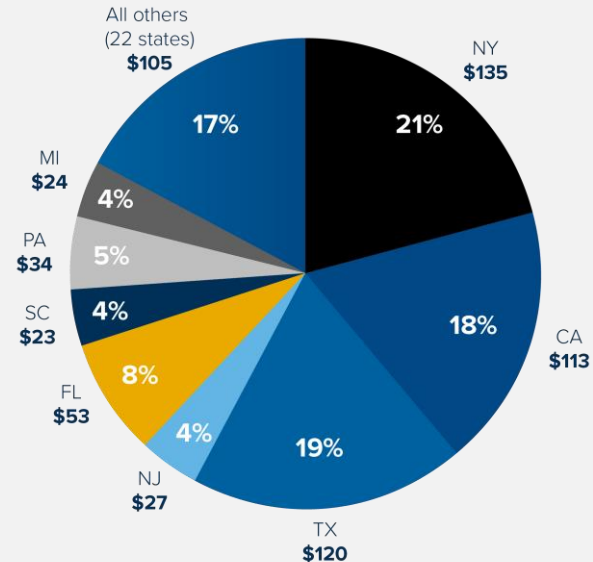
Commercial Litigation (Law Firm) Loans

- Full annual underwriting including, but not limited to:
 - 3 years financials and tax returns (business and personal)
 - Full contingent case inventory valuation process & collateral assignment or UCC-1
 - Personal guarantees for the majority of loans, including personal background checks
 - Diversity across law firm inventories and collateral
- Average loan-to-collateral fee value or LTV of less than 13%
- Strong average DSCR (on average > 3.0x)
- Average draws against committed and uncommitted line-of-credit (“LOC”) and case disbursement loans of approximately 50%
- Weighted average interest rate of approximately 10%
- Funded with low-cost contingent law firm litigation deposits
- Litigation deposits to litigation loan facilities drawn is approximately 171%

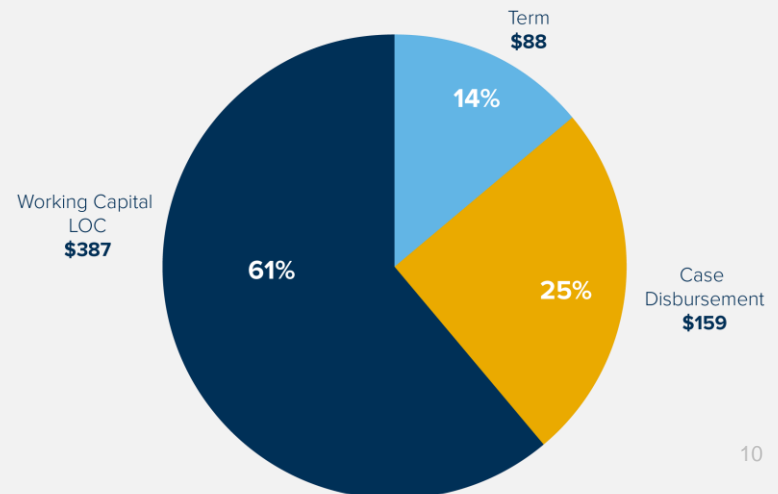


Succeed Boldly

Law Firm Loan Portfolio by State – \$634 Million at March 31, 2024 (\$ in millions)



Breakdown of Law Firm Related Loans – \$634 Million at March 31, 2024 (\$ in millions)





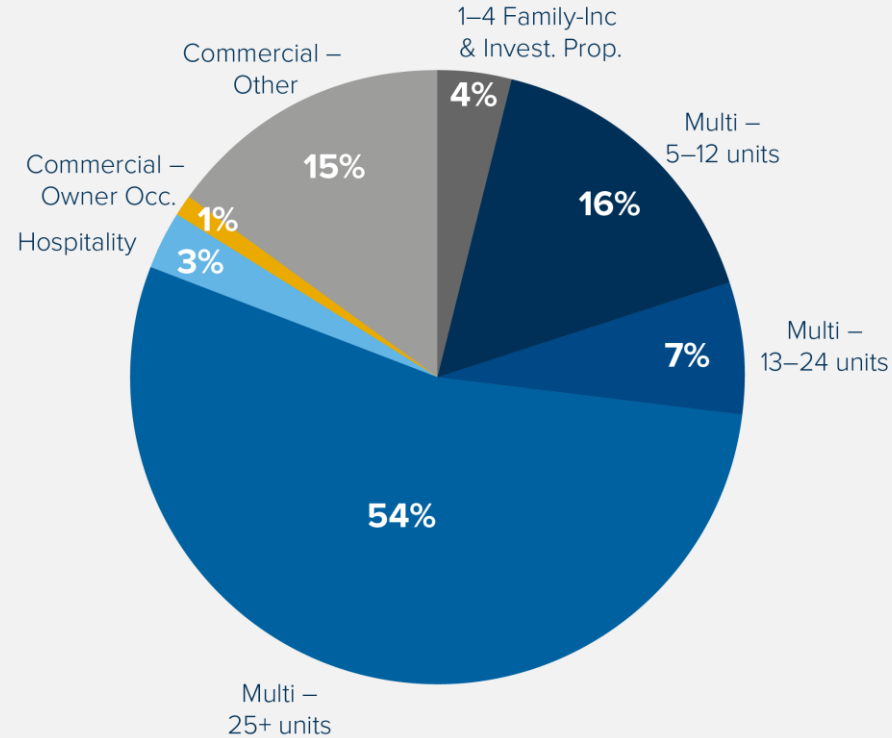
Esquire's *Bold Opportunities*

New York Metro Area Real Estate

A Reliable Asset Class & Liquidity Source

- ▶ Selective in our property and borrower selection process
- ▶ Strong generational owners/operators with high quality net worth
- ▶ Minimal historical losses
- ▶ No office nor construction loan exposure
- ▶ Average current debt-service coverage (“DSCR”) **exceeding 1.6x**
- ▶ Average original loan-to-value (“LTV”) of **approximately 55%**
- ▶ Rent regulated, free market, and mixed (both rent regulated and free market) represent approximately one-third each of the \$348 million multifamily loan portfolio
- ▶ CRE exposure is less than 225% of Esquire Bank’s regulatory Tier 1 capital plus the allowance for credit losses (“ACL”)
- ▶ Pledged Multifamily and Residential loan portfolio **provides liquidity totaling \$155.2 million** through the Federal Home Loan Bank of NY (“FHLB”) program as of March 31, 2024

Real Estate Portfolio – \$455 Million at March 31, 2024



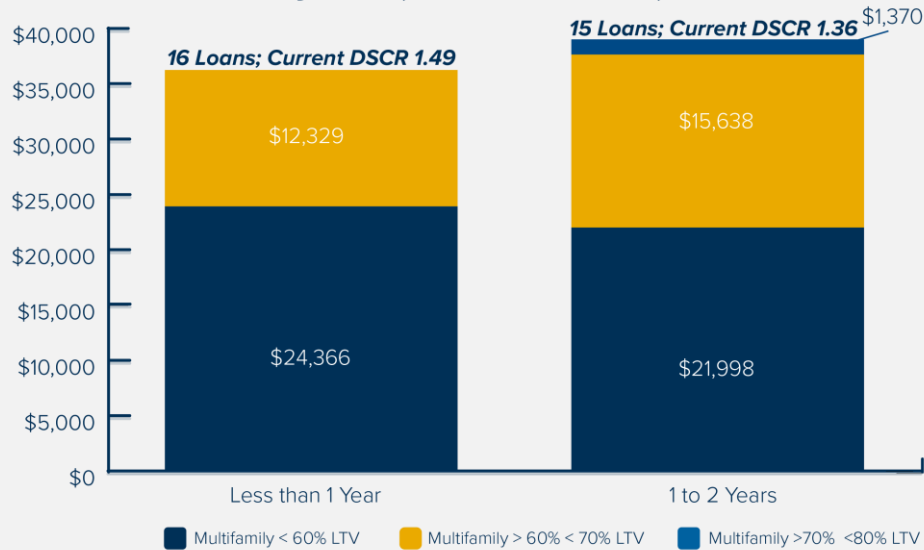


How Esquire Succeeds Boldly

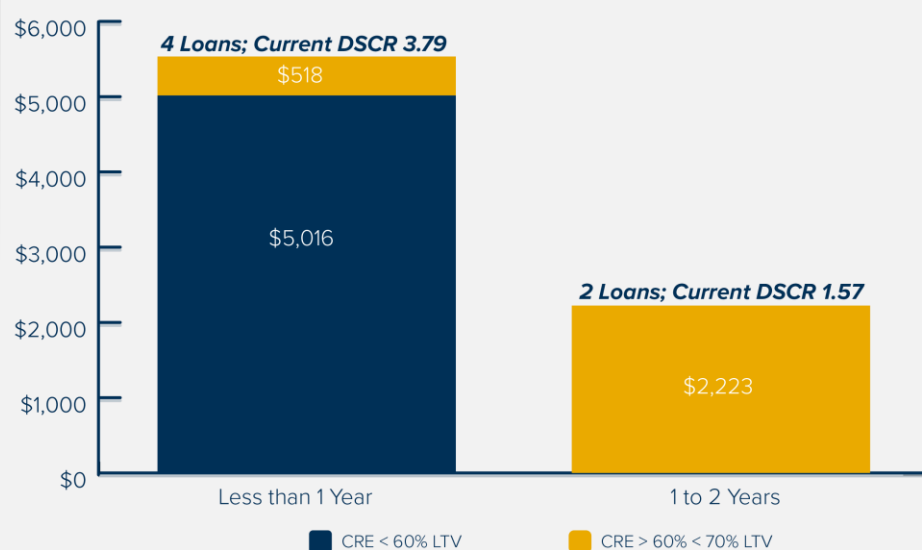
Multifamily & CRE Maturities at March 31, 2024

- ▶ Multifamily loans totaling \$75.7 million mature over the next two years with only \$1.4 million, or 2%, having an LTV in excess of 70%
- ▶ Other CRE loans totaling \$7.8 million mature over the next two years with no loans in excess of 70% LTV

Multifamily Maturities Stratified by LTV (\$ in thousands)



CRE Maturities Stratified by LTV (\$ in thousands)



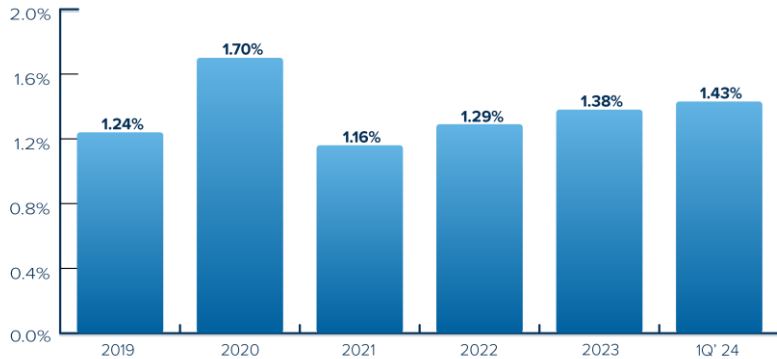


How Esquire Succeeds Boldly

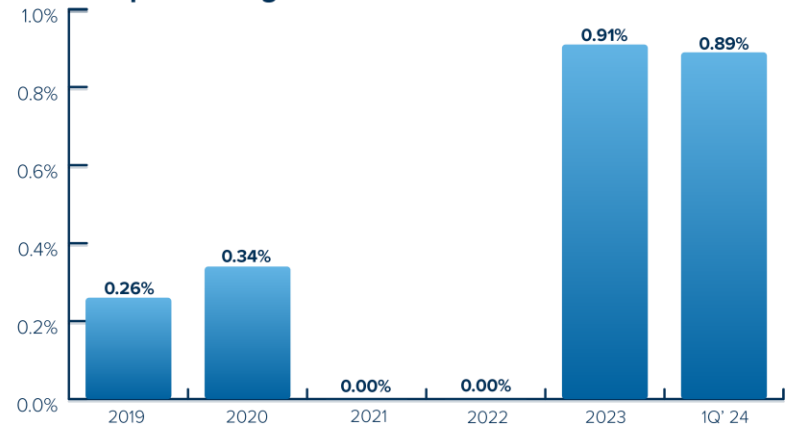
Solid Credit Metrics, Asset Quality and ACL Coverage

at March 31, 2024

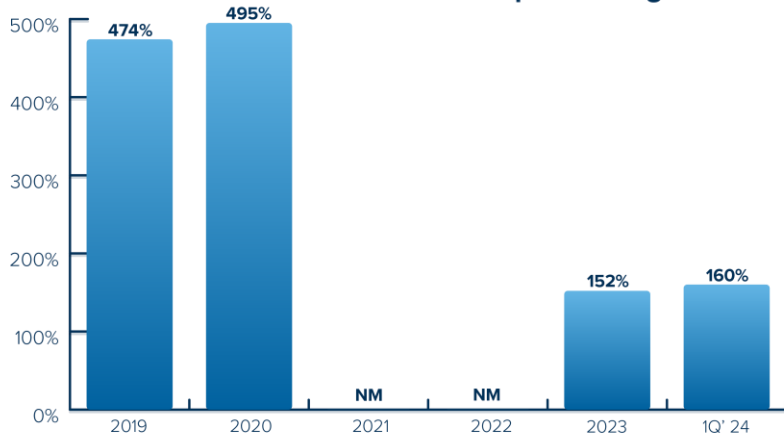
Allowance for Credit Losses/Loans



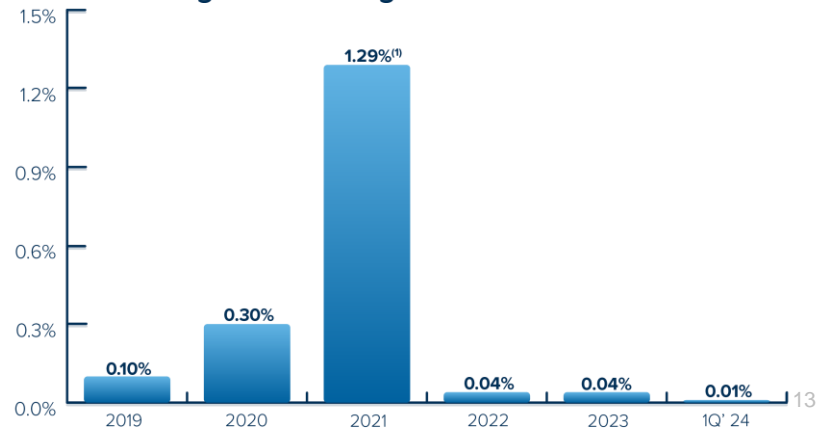
Nonperforming Loans/Loans



Allowance for Credit Losses/Nonperforming Loans



Net Charge-offs/Average Loans



Note – All asset quality metrics are based on our loans held for investment portfolio

(1) NFL consumer loan portfolio - \$9.0 million charge-off.

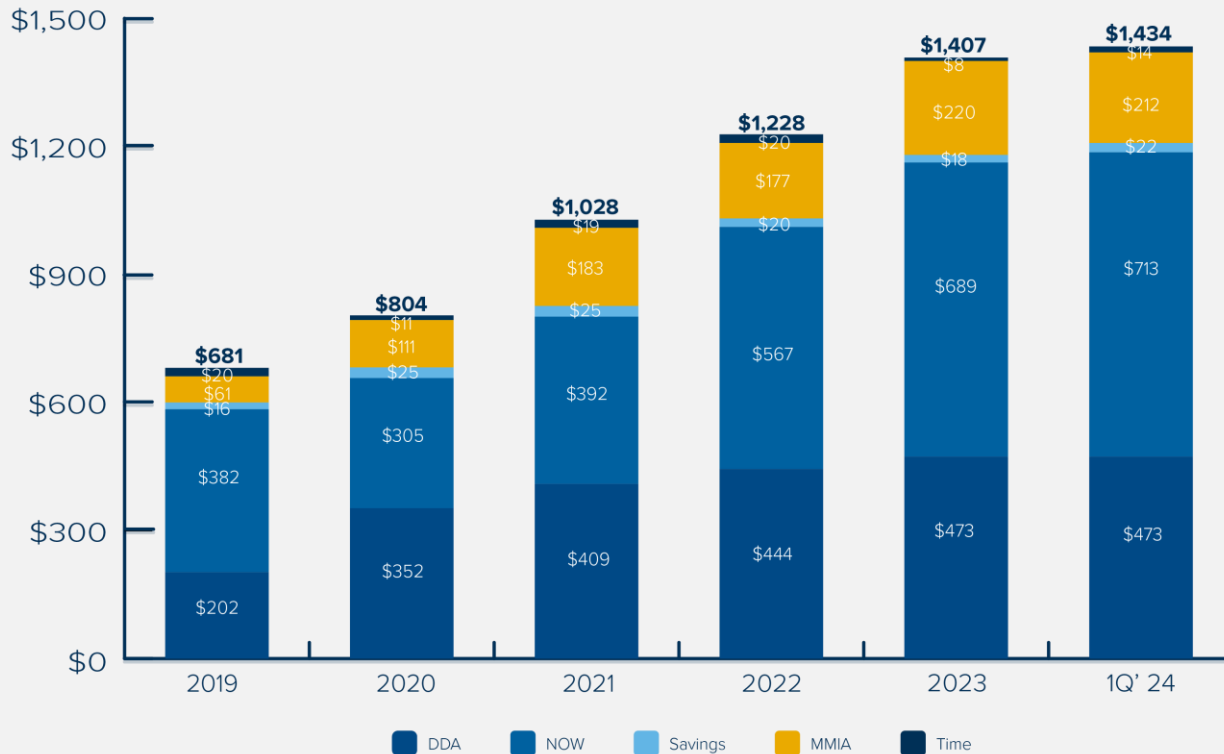


How Esquire Succeeds Boldly

Deposit Composition and Growth

- ▶ Our tech enabled deposit platform utilizes our corporate cash management suite of services, creating a highly efficient branchless platform
- ▶ Our overall liquidity position (cash, borrowing capacity, and available reciprocal client sweep balances) totaled \$823 million, or 57% of total deposits, creating a highly liquid and unlevered balance sheet

Deposit Composition at March 31, 2024 (\$ in millions)



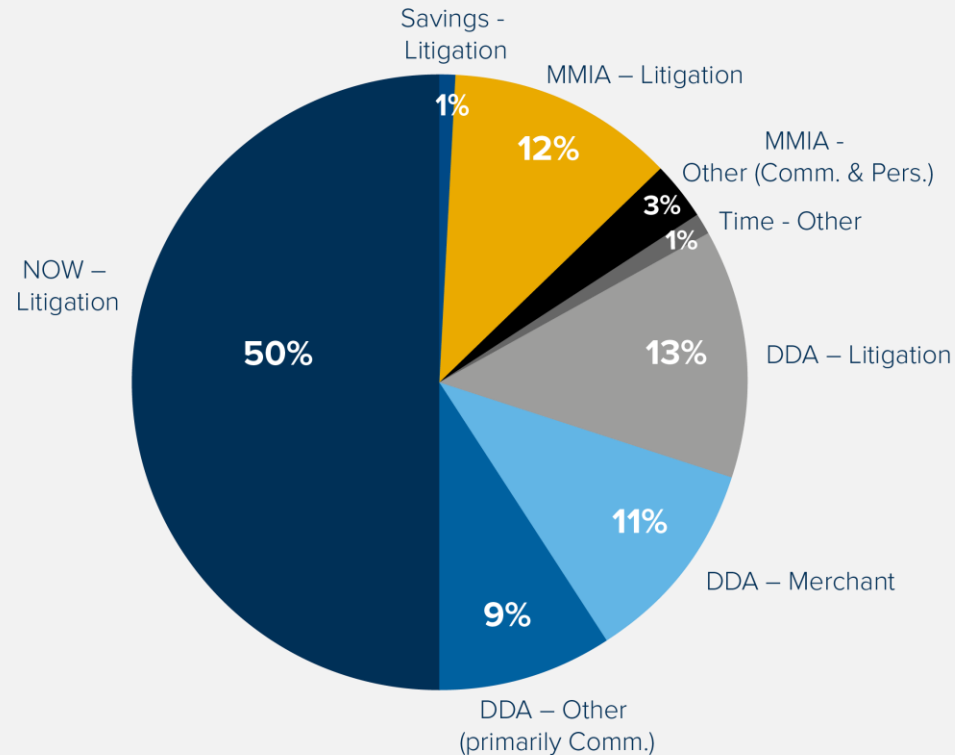


How Esquire Succeeds Boldly

Deposit Composition Details

- ▶ DDA and NOW (escrow funds) deposits total 83% of total deposits, representing stable funding sources in various interest rate scenarios
- ▶ Litigation and payment processing deposits represent 76% and 11% of total deposits at March 31, 2024, respectively
- ▶ Uninsured deposits (excluding \$10.6 million of affiliate deposits) totaled \$369 million, or 26%, of total deposits with approximately 80% representing clients with full relationship banking including, but not limited to, law firm operating accounts, certain balances of escrow accounts, merchant reserves, ISO reserves, ACH processing, and custodial accounts
- ▶ Off-balance sheet sweep funds totaled \$467 million at March 31, 2024, with \$291 million, or 62%, available for additional on-balance sheet liquidity

Deposit Composition at March 31, 2024



*Note: Excludes sweeps totaling \$467 million

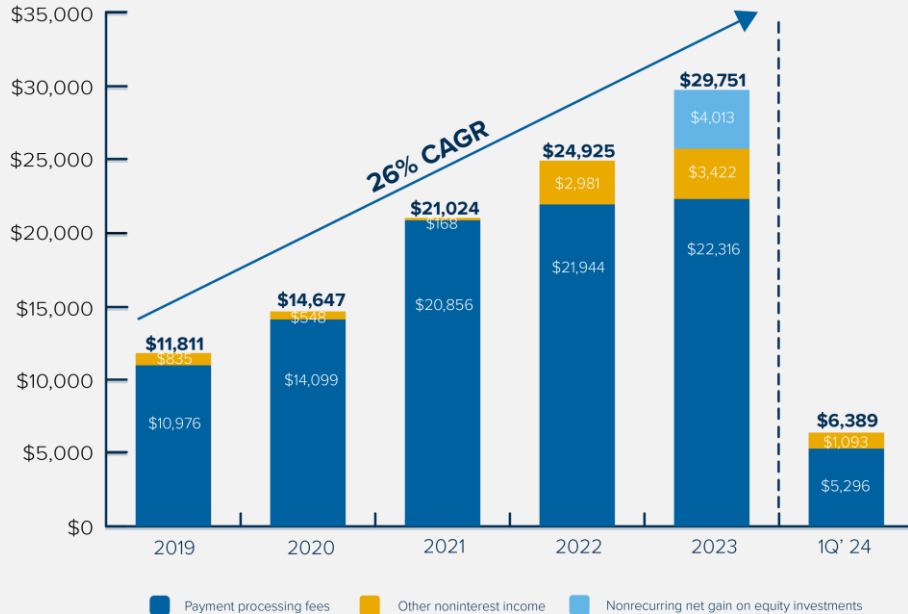


How Esquire Succeeds Boldly

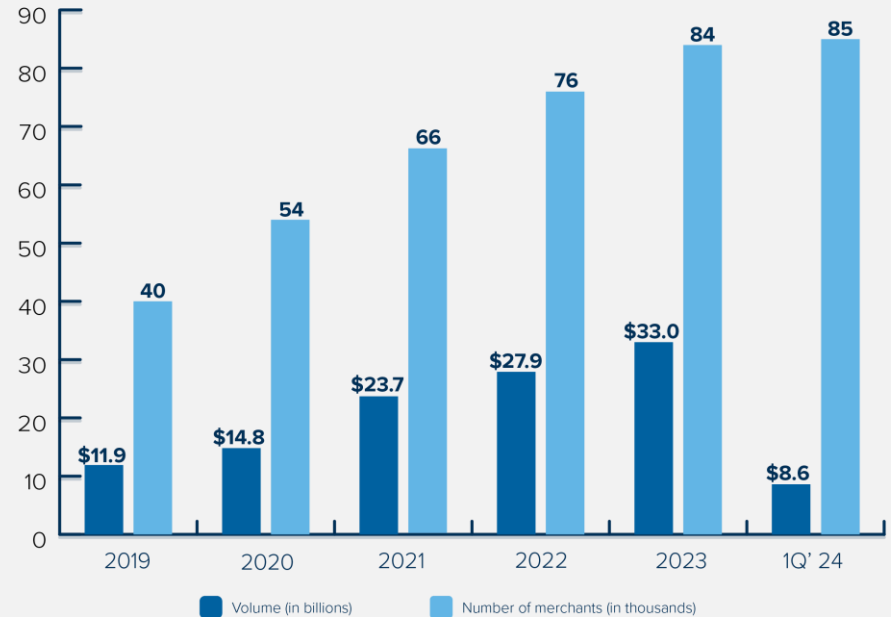
Strong Growth in Stable Noninterest Income at March 31, 2024

- Currently servicing approximately 85,000 merchants across 50 states in our payment processing (merchant acquiring) vertical
- Fee income, primarily payment processing fees, represents 22% of total revenue for the year ended March 31, 2024

Noninterest Income (\$ in thousands)



Payment Processing Volumes & Number of Merchants



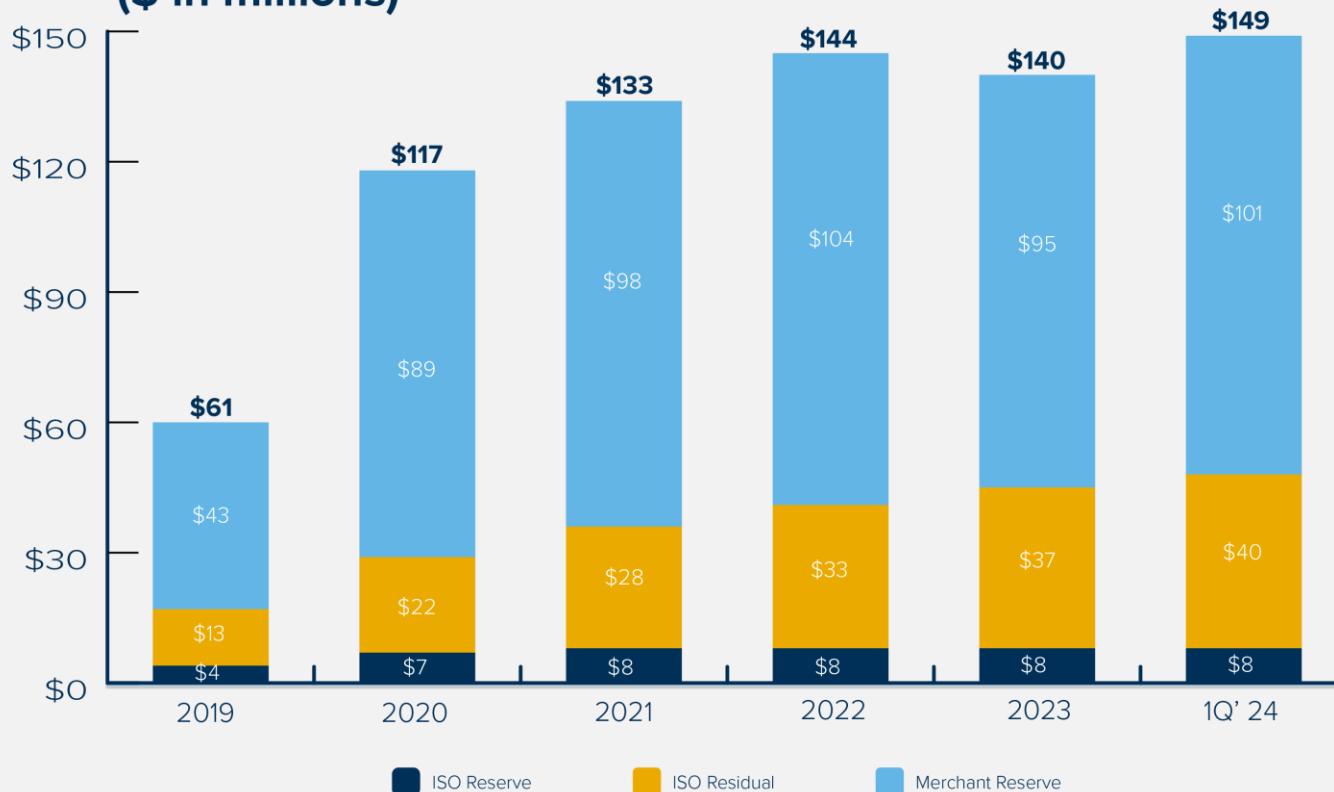


How Esquire Succeeds Boldly

Protecting Our Company with Strong Payment Processing Reserves

at March 31, 2024

ISO and Merchant DDA Reserves
 (\$ in millions)



Key Highlights

- Strong and stable DDA reserves
- Protecting capital from merchant chargebacks and returns



Why Esquire is Set to *Succeed Boldly*

Significant national markets primed for disruption: **\$443 billion & 100,000+ firms** in the litigation vertical and **\$10.3 trillion and 10+ million merchants** in the payment processing vertical

Tremendous untapped potential: Esquire's current market share is **a fraction** of both national verticals that are primed for disruption by our client-centric & tech-focused institution



We are **thought leaders** in the litigation vertical and provide **C-suite access for ISO flexibility** in the payment processing vertical

Differentiated and positioned for growth: **With industry leading tailored products and state-of-the-art technology** geared towards effective client acquisition



Technology Driving *Bold Success*

Client Centric Technology A Key Driver for Future Growth

Artificial Intelligence*  + a b | e a u

Website  zoominfo  Google Analytics

Marketing  salesforce Marketing Cloud  zoominfo  geopointe
by ascentcloud

Sales  salesforce  zoominfo  geopointe
by ascentcloud

Underwriting  ncino.
Online Banking  Q2

Onboarding  fiserv.  TSYS

AI to facilitate precision marketing and exponential customer acquisition across all verticals

Website analytics, data enrichment and thought leadership content marketing

Precision marketing – right offer right time

Sales enablement, pipeline management and forecasting

Underwriting efficiency & risk management / cash management and mobile banking / online applications

Customer onboarding / core banking

- ▶ Partnering with best-in-class software vendors and solutions, with custom development to service all verticals at the bank
- ▶ Proprietary CRM built on Salesforce platform housing all client data touch points from prospect to boarding with a single client view, enabling high volume client acquisition strategies and excellence in client service

* Deployment of AI technologies applicable only to sales and marketing processes and not used as a decisioning tool for loan underwriting processes.



Succeeding Boldly

Contact Information:

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Operating Officer

516-535-2002

eric.bader@esqbank.com





Appendix & Supplemental Disclosure

National Markets – Litigation & Payment Processing Verticals & Non-GAAP Reconciliation



Esquire's *Bold Opportunities*

U.S. Litigation Market A Significant Growth Opportunity

- ▶ U.S. Tort actions are estimated to consume 1.85-2.13% of U.S. GDP* annually or \$443 billion*
- ▶ Esquire does not compete with non-bank finance companies
- ▶ Significant barriers to entry – management expertise, brand awareness, regulatory/compliance, and decades of experience

Key Highlights

- ▶ \$443 billion* Total Addressable Market (“TAM”) in litigation vertical
- ▶ Esquire is a tailored, differentiated brand and thought leader in the litigation market

The Esquire Competitive Advantage

Typically advancing more than traditional banks, on traditional banking terms



15+ Year Industry Track Record



Extensive Litigation Experience In-House



Deep Relationships with Respected Firms Nationally



Daily Resources and Research



Cash Flow Lending Coupled with Borrowing Base or Asset Based Approach

Tailoring unique products other banks do not offer



Digitally Transforming The Business of Law

Aligning Law Firm Case Inventory Lifecycle to Customer Retention



- Products**
- ▶ Case Cost Loans
 - ▶ Working Capital Loans
 - ▶ Firm and Partner Acquisition Loans
 - ▶ Term Loans to Finance Case Acquisition & Growth
 - ▶ Escrow Banking and QSF Settlement Services
 - ▶ Plaintiff Banking including Exclusive Prepaid Card Offering

- Technology**
- ▶ Esquire Insight – Case Management Technology
 - ▶ Commercial Cash Management
 - ▶ Case Cost Management
 - ▶ Online Applications
 - ▶ Thought Leadership - Digital Platform and Content



Payment Processing – Current ISO Model

What is an ISO?

ISO Responsibilities

They Do

- ▶ Merchant Vertical and Technology Focus
- ▶ Sales Agent Model
- ▶ Performs Initial Underwriting
- ▶ Boards Merchant to Payment Processing Platform
- ▶ Installation of Merchant Equipment
- ▶ Manage Call Center for Merchant Clients
- ▶ Merchant Risk and PCI Compliance

Bank Responsibilities

We Do

- ▶ Robust Policies
- ▶ Tech Enabled Card Brand and Regulatory Compliance
- ▶ Support Multiple Processing Systems
- ▶ Assess ISO Verticals
- ▶ Re-underwrite Merchant Applications
- ▶ Utilize Industry Leading Risk Management Technology
- ▶ Daily and Month End Risk and Compliance Management
- ▶ Commercial Treasury Function for Merchant Clearing and ISO Cash Management
- ▶ Maintaining and Monitor ISO and Merchant Reserves (DDA)

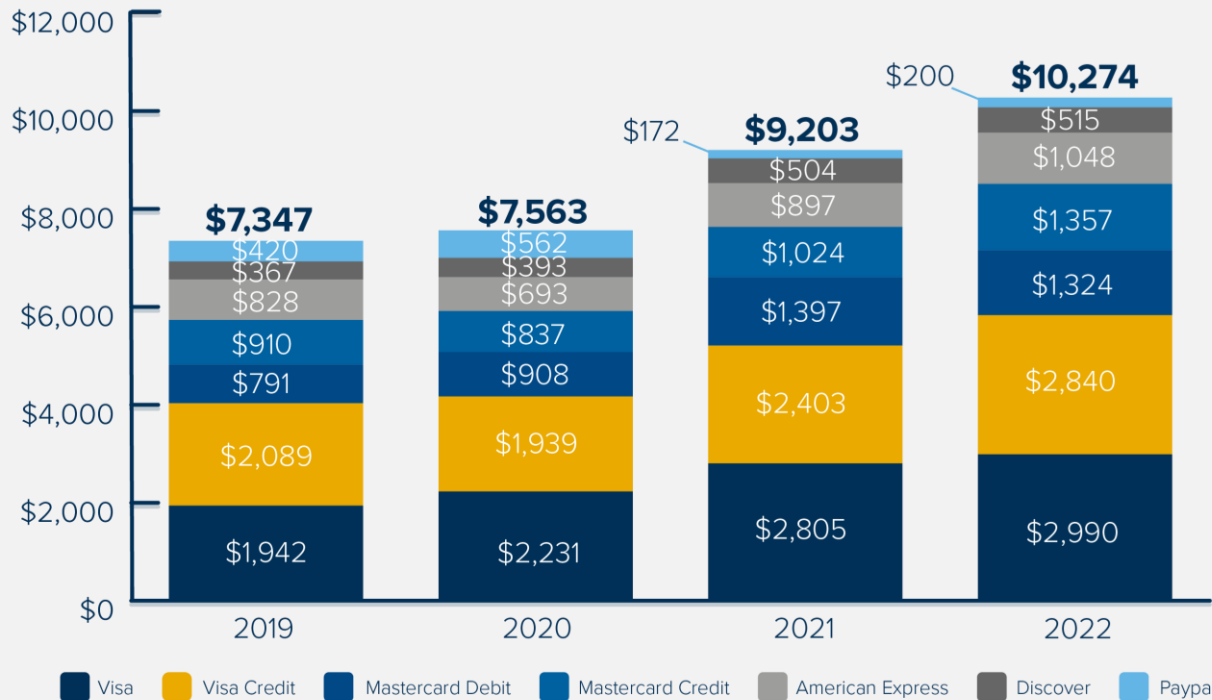


Esquire's *Bold Opportunities*

Payment Volume Trends – A Significant Growth Opportunity

at December 31, 2022 (\$ in billions)

The payments industry CAGR was 12% from 2019 to 2022 to an estimated total payment volume of **\$10.3 trillion**



Sources: Company Financial Records, Note: PayPal figures represent PayPal's estimated U.S. percent share of "Total Payment Volume" (TPV). PayPal volume includes volume from a bank account, a PayPal account balance, a PayPal Credit account, a credit or debit card or other stored value products such as coupons and gift cards. As such, some of this volume may be included in other networks as well. PayPal's classification in the payments industry ecosystem is varied/debated as it performs functions attributed to a payment network, an issuer, acquirer, etc., and its financial reporting does not directly align with other payment network reporting structures and methods. Discover volume includes Discover Network and Pulse Network transactions.



Non-GAAP Financial Measure Reconciliation

(all dollars in thousands except per share data)

We believe that these non-GAAP financial measures provide information that is important to investors and that is useful in understanding our financial position, results and ratios. However, these non-GAAP financial measures are supplemental and are not a substitute for an analysis based on GAAP measures. As other companies may use different calculations for this measure, this presentation may not be comparable to other similarly titled measures by other companies.

Adjusted net income, which is used to compute adjusted return on average assets, adjusted return on average equity and adjusted earnings per share, excludes the impact of the net recognized gain, net of tax, on the Company's equity investments.

	<u>Year Ended</u>
	<u>December 31,</u>
	<u>2023</u>
Net income – GAAP	\$ 41,011
Less: net gain on equity investments	(4,013)
Add: income tax impact	1,083
Adjusted net income	<u>\$ 38,081</u>
Return on average assets – GAAP	2.89 %
Adjusted return on average assets	2.68 %
Return on average equity – GAAP	23.20 %
Adjusted return on average equity	21.54 %
Basic earnings per share – GAAP	\$ 5.31
Adjusted basic earnings per share	\$ 4.94
Diluted earnings per share – GAAP	\$ 4.91
Adjusted diluted earnings per share	\$ 4.56


Appendix

Non-GAAP Financial Measure Reconciliation (Cont'd)

(all dollars in thousands)

The following table presents the adjusted tangible common equity to tangible assets calculation (non-GAAP):

	March 31, 2024
Total assets - GAAP	\$ 1,654,281
Less: intangible assets	—
Tangible assets ("TA") - non-GAAP	<u>1,654,281</u>
Total stockholders' equity - GAAP	\$ 207,078
Less: intangible assets	—
Less: preferred stock	—
Tangible common equity ("TCE") - non-GAAP	207,078
Add: unrecognized losses on securities held-to-maturity, net of tax	(5,999)
Adjusted TCE - non-GAAP	<u>\$ 201,079</u>
Stockholders' equity to assets - GAAP	<u>12.52 %</u>
TCE to TA - non-GAAP	<u>12.52 %</u>
Adjusted TCE to TA - non-GAAP	<u>12.16 %</u>



Appendix

Non-GAAP Financial Measure Reconciliation (Cont'd)

(all dollars in thousands)

The following table presents the common equity tier 1 capital ratio and the adjusted common equity tier 1 capital ratio:

	March 31, 2024	
Common equity tier 1 ("CET1") capital - Bank	\$	191,944
Add: unrealized losses on securities available-for-sale , net of tax		(14,369)
Add: unrecognized losses on securities held-to-maturity, net of tax		(5,999)
Adjusted CET1 capital - Bank	\$	171,576
Total risk-weighted assets - Bank	\$	1,332,002
CET1 capital ratio ⁽¹⁾		14.41 %
Adjusted CET1 capital ratio ⁽¹⁾		12.88 %

(1) Regulatory capital ratios presented on bank-only basis. The Bank has no recorded intangible assets on the Statement of Financial Condition, and accordingly, tangible common equity is equal to common equity.