

Ensuring our Clients and Our Institution ***Succeed Boldly***

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

4Q & Full Year 2025 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," "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.

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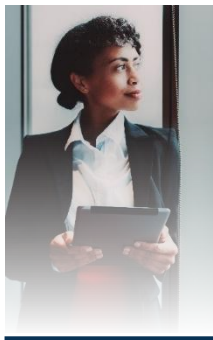
This presentation includes industry and market data that we obtained from periodic industry publications, third-party studies and surveys. Industry publications and surveys generally state that the information contained therein has been obtained from sources believed to be reliable. Although we believe 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.



How Our Clients *Succeed Boldly*

Nationwide “Branchless” Tech Enabled Litigation & Payment Processing Verticals

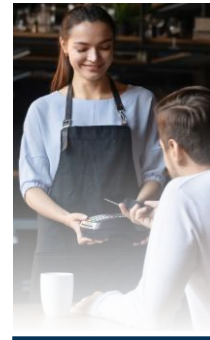
Generating Industry Leading Growth, Returns, & Performance Metrics



Litigation Vertical

Commercial Banking Nationally

- ▶ Decades of expertise in the national litigation market which is complex, fragmented, underserved and poised for disruption
- ▶ Asset sensitive model anchored by law firm loans yielding approx. 9.10%
- ▶ “Branchless” and tech enabled core deposit platform funded at 0.99% (1.00% in 4Q ‘25)
- ▶ Driving loan and deposit growth with a 5 Year CAGR of approximately 20% since 2021



Payment Processing Vertical (Merchant Services)

Small Business Banking Nationally

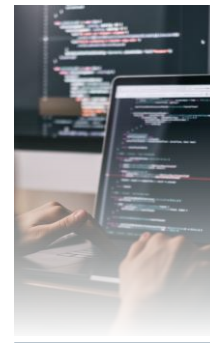
- ▶ Decades of expertise in sales, risk, and compliance management
- ▶ Independent Sales Organization (“ISO”) model with 93,000 merchants nationally
- ▶ Stable and consistent fee income represents 17% (16% in 4Q ‘25) of total revenue



Industry Leading Returns

Fueled by “Branchless” and Tech Enabled National Verticals

- ▶ ROA and ROTCE of 2.43% and 19.41%, respectively (2.36% and 18.90% in 4Q ‘25)
- ▶ Industry leading NIM of 6.02% (6.05% in 4Q ‘25)
- ▶ Diversified revenue stream with strong NIM and stable fee income
- ▶ Strong efficiency ratio of 48.6% (48.4% in 4Q ‘25) while investing in resources (employees, technology, and digital 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

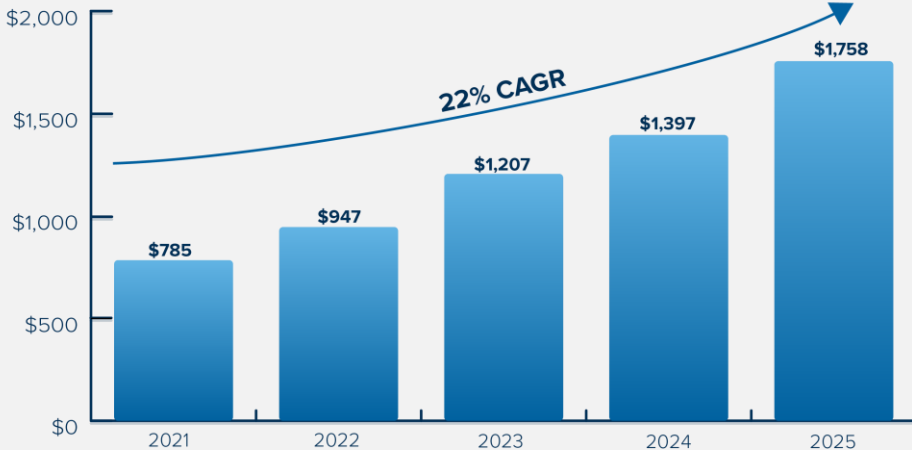


How Esquire Succeeds Boldly

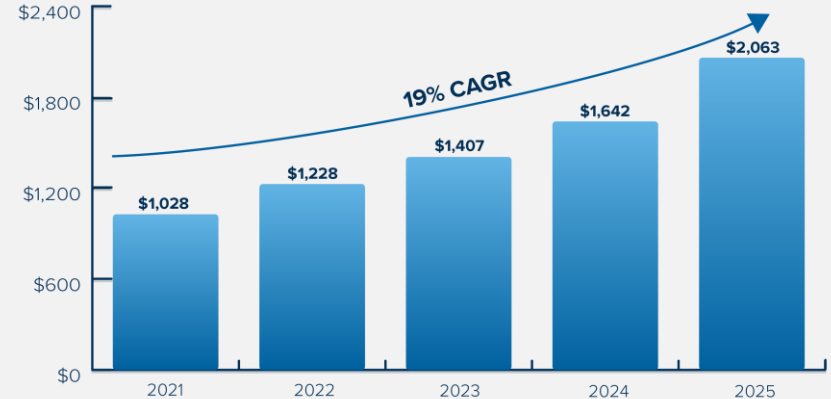
Strong Growth Driven by Unique National Verticals

at December 31, 2025

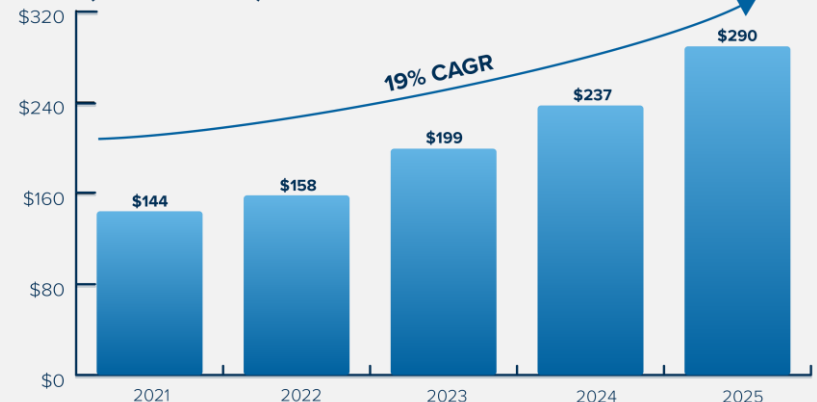
Loans, net of deferred fees
(\$ in millions)



Total Deposits
(\$ in millions)



Stockholders Equity
(\$ in millions)



Key Highlights

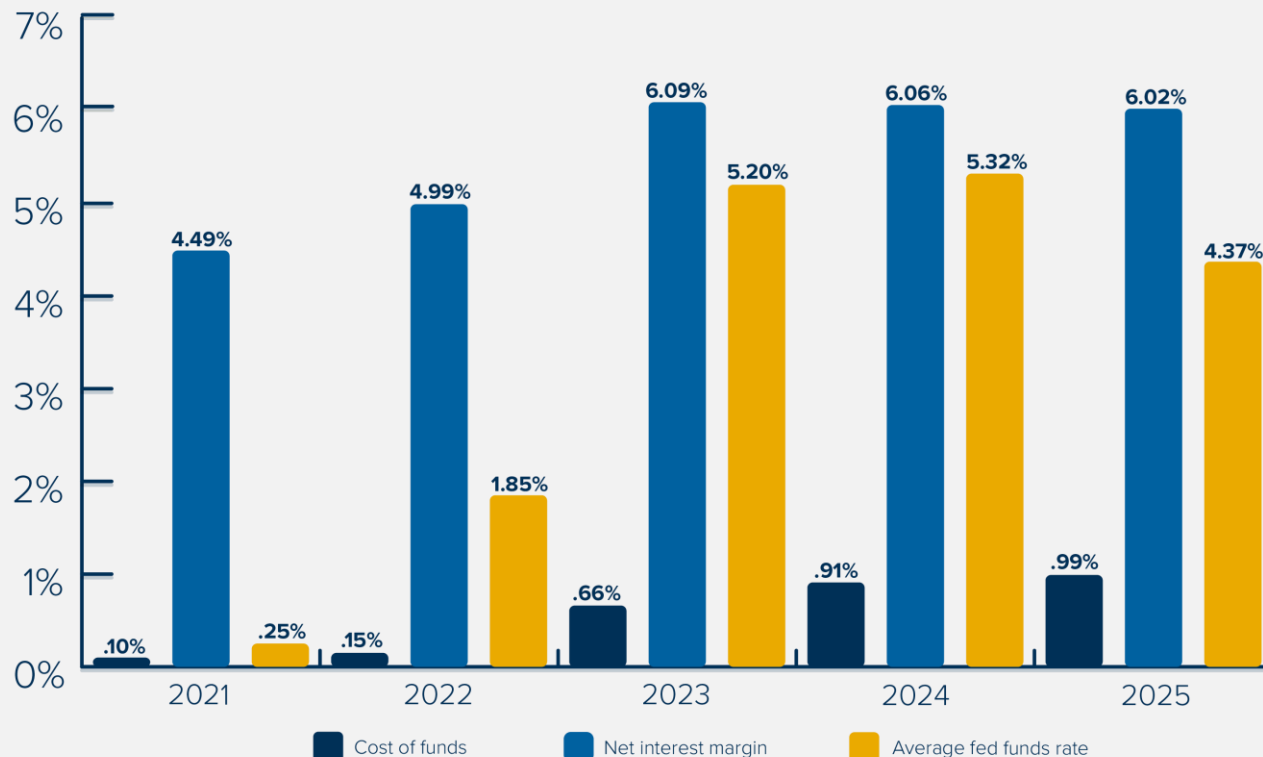
- ▶ Strong growth in higher yielding variable rate commercial loans nationally
- ▶ Stable low-cost “branchless” and tech enabled deposit model
- ▶ Equity to Assets of 12.24%
- ▶ Common Equity Tier 1 of 14.18% (Bank Level)
- ▶ Book value per share of \$33.86



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/IOLTA accounts represent 28% and 60% of total deposits at December 31, 2025, 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

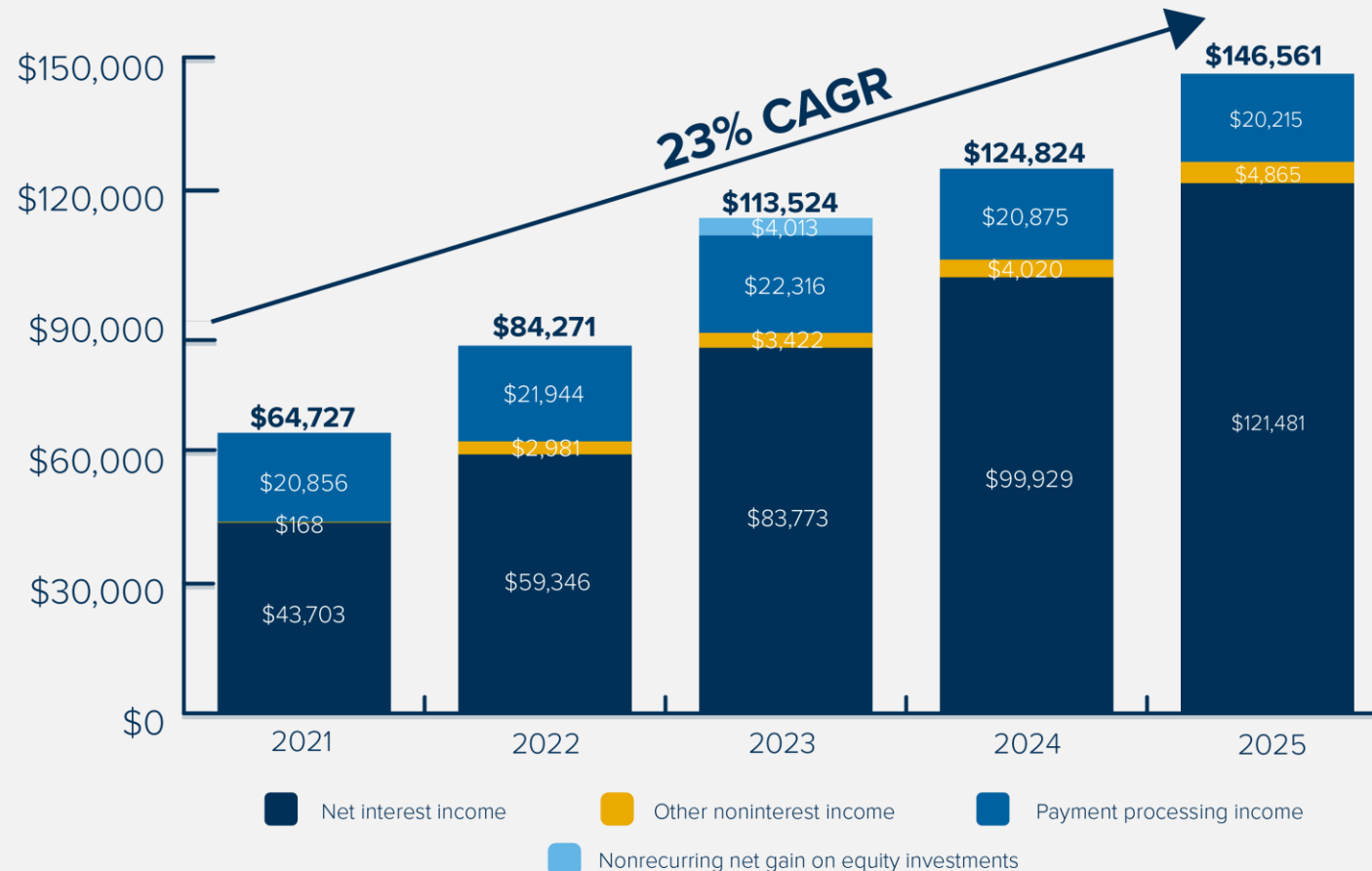




How Esquire Succeeds Boldly

Strong Revenue Growth

(\$ in thousands) at December 31, 2025



Key Highlights

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

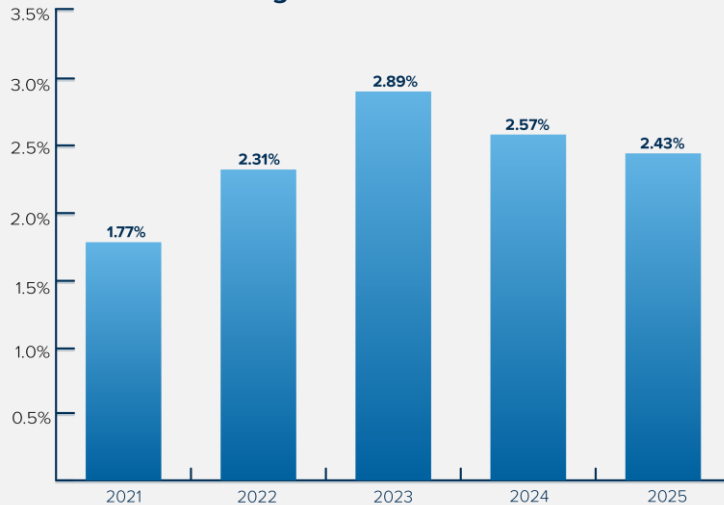


How Esquire *Succeeds Boldly*

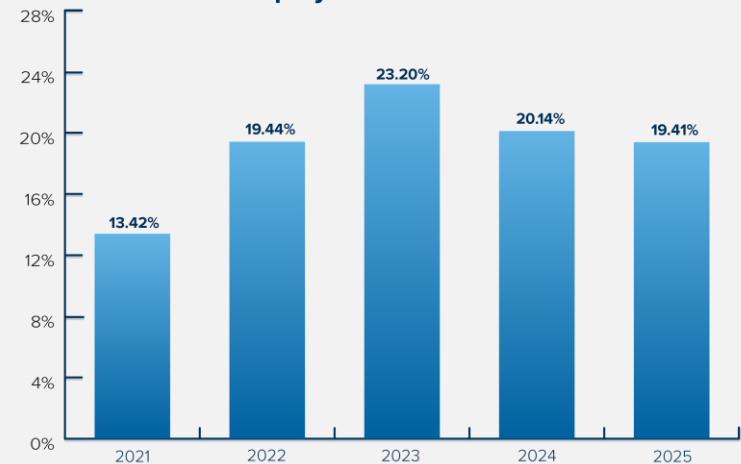
Financial Highlights

at December 31, 2025

Return on Average Assets



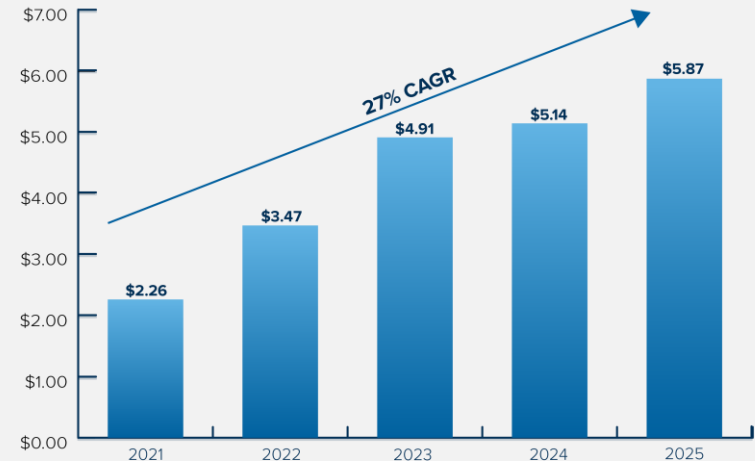
Return on Average Stockholders' Equity



Industry Recognition & Awards

- Named to the Piper Sandler 2025 Bank & Thrift Sm-All Stars for the third time in several years
- Named to Fortune's Annual 100 Fastest-Growing Companies List in 2024
- Named to the KBW 2024 & 2025 Bank Honor Roll
- Awarded the 2024 Raymond James Community Bankers Cup for the seventh consecutive year
- Recognized as a Best Performing Small Community Bank of 2024 by S&P Global
- Recognized as Best In Class Marketer by the Association of National Advertisers B2 Awards in 2025 for the third consecutive year

Diluted EPS

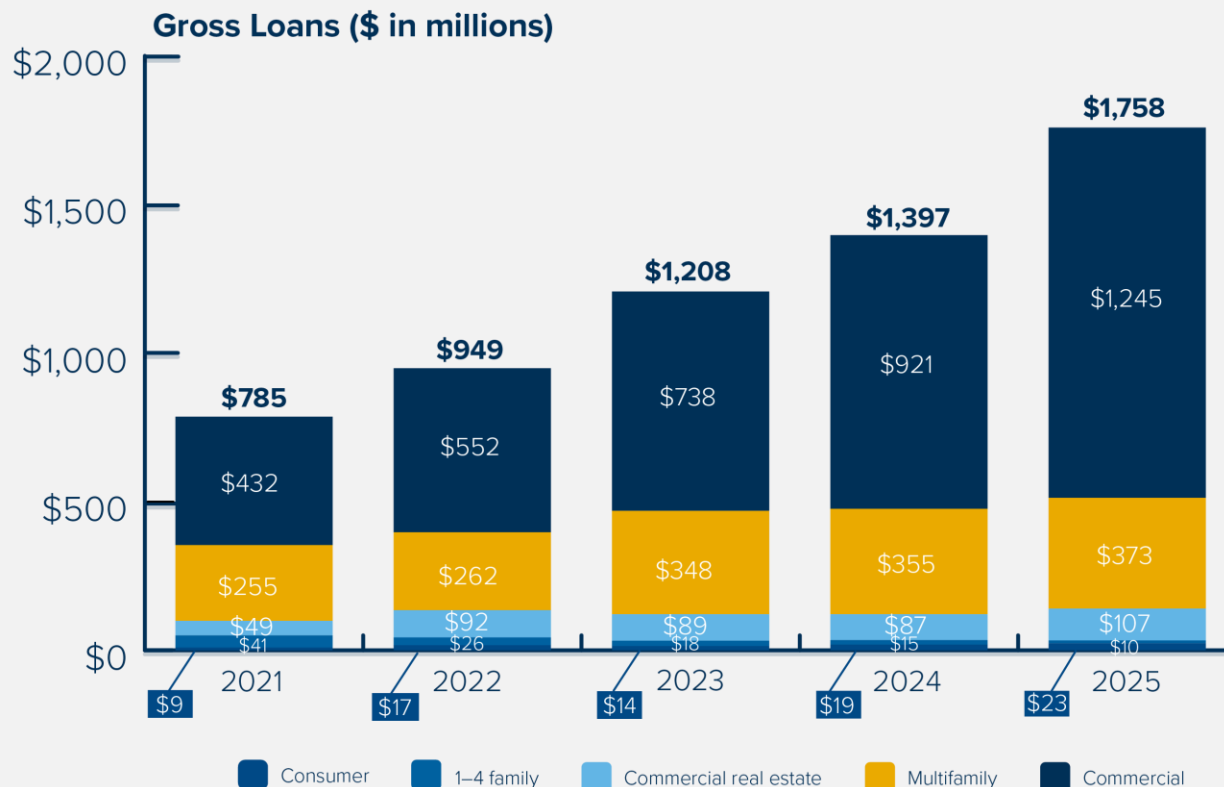




How Esquire Succeeds Boldly

Loan Portfolio Diversification with Focused Growth at December 31, 2025

- ▶ 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



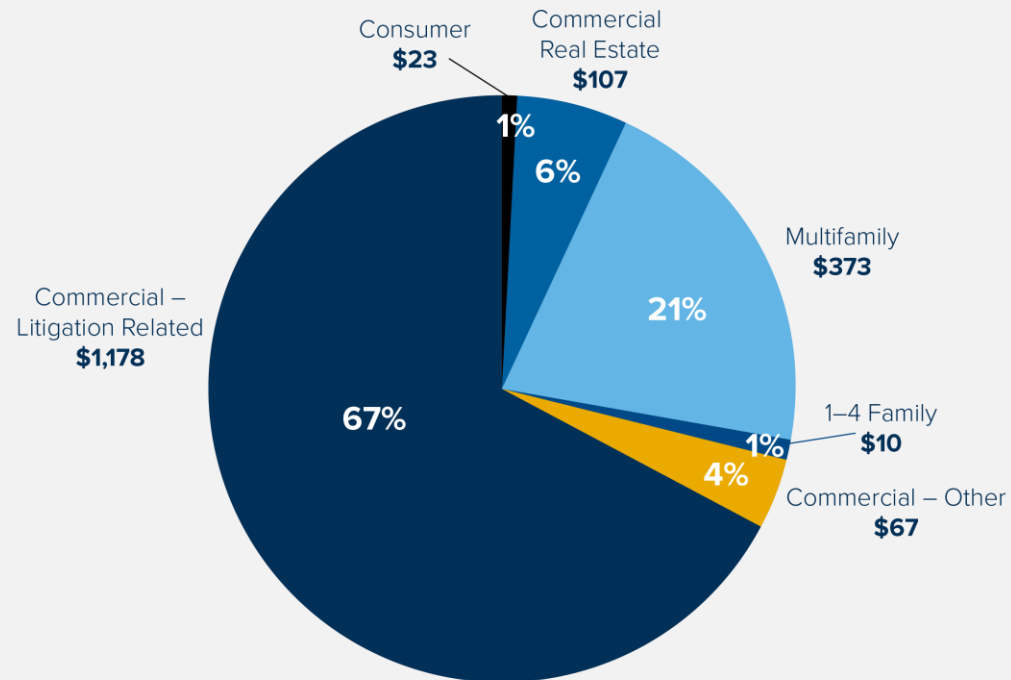


How Esquire *Succeeds Boldly*

Loan Portfolio Diversification with Focused Growth

- Substantially all of our \$1.25 billion in commercial loans are variable rate and tied to prime comprising approximately 71% of our loan portfolio
- Approximately 90% of our variable rate 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 5.7% and 11.8%, respectively at September 30, 2025

Loan Portfolio Diversification – \$1.76 Billion at December 31, 2025 (\$ in millions)



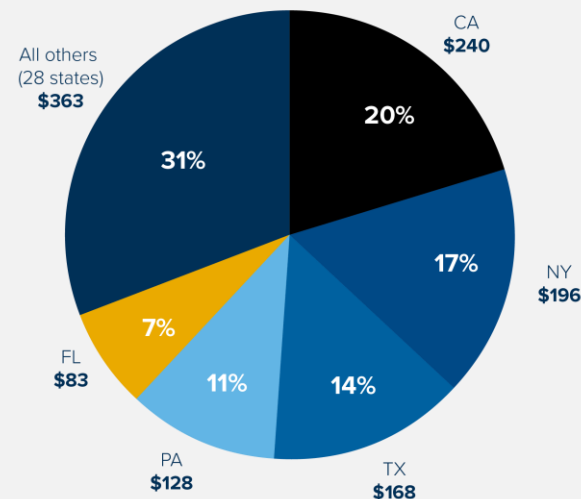


How Esquire Succeeds Boldly

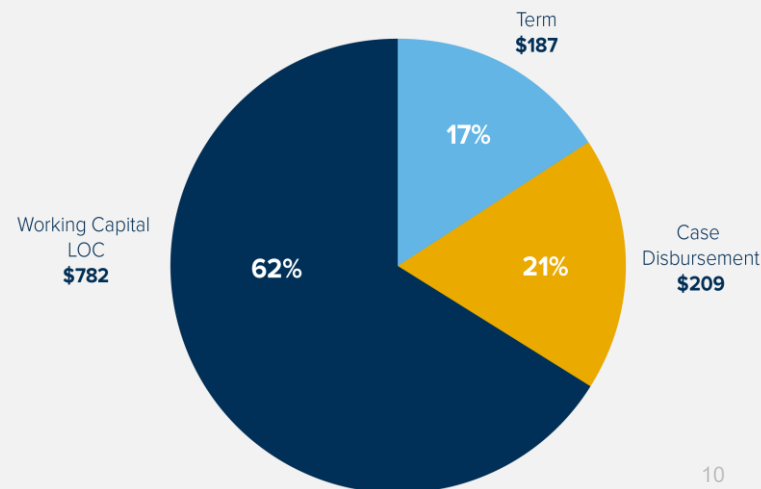
Commercial Litigation (Law Firm) Loans

- ▶ 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 15%
- ▶ Strong average DSCR (on average > 4.0x)
- ▶ Average draws against committed and uncommitted line-of-credit ("LOC") and case disbursement loans of approximately 50%
- ▶ Weighted average interest rate of approximately 9.10%
- ▶ Funded with low-cost contingent law firm litigation deposits
- ▶ Litigation deposits to litigation loan facilities drawn is approximately 135%

**Law Firm Loan Portfolio by State – \$1.18 Billion
at December 31, 2025 (\$ in millions)**



**Breakdown of Law Firm Related Loans – \$1.18 Billion
at December 31, 2025 (\$ in millions)**





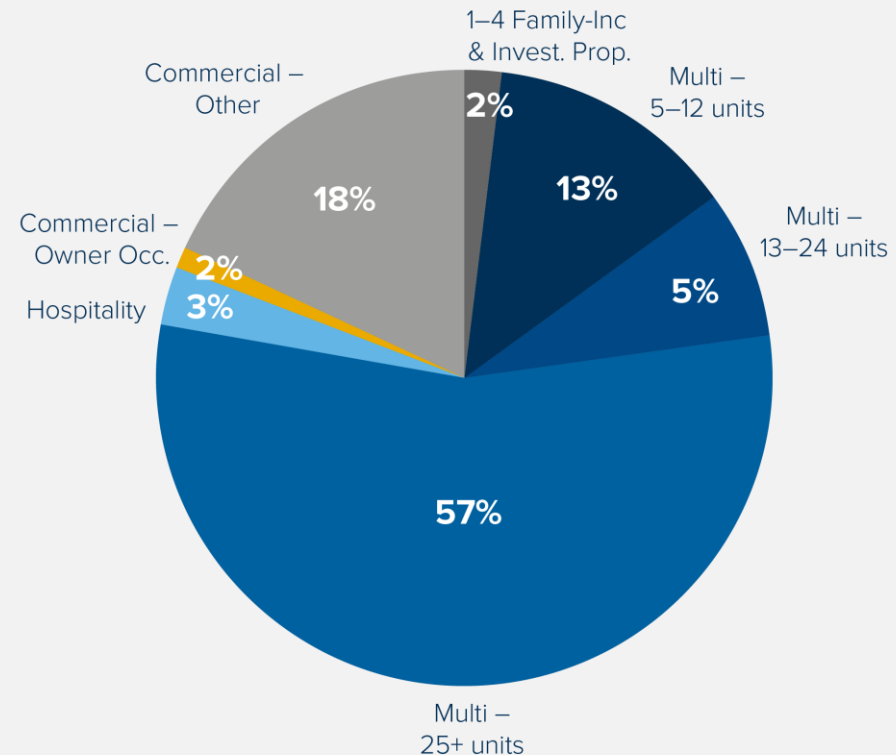
Esquire's *Bold Opportunities*

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
- ▶ No office or construction loan exposure
- ▶ Multifamily and CRE portfolio average current DSCR and original LTV of 1.6x and 55%, respectively
 - ▶ \$49 million with below current market rates maturing in less than one year with average current DSCR and original LTV of 1.3x and 67%, respectively
 - ▶ \$48 million with below current market rates maturing between one and two years with average current DSCR and original LTV of 1.4x and 67%, respectively
- ▶ Rent regulated, free market, and mixed (both rent regulated and free market) represent approximately one-third each of the \$373 million multifamily loan portfolio
- ▶ CRE exposure is 165% of Bank level regulatory Tier 1 capital plus the allowance for credit losses ("ACL"). CRE exposure is 149% of consolidated level regulatory Tier 1 capital plus the ACL
- ▶ Pledged Multifamily and Residential loan portfolio **provides liquidity totaling \$219.8 million** through the Federal Home Loan Bank of NY ("FHLB") program as of December 31, 2025

Real Estate Portfolio – \$490 Million at December 31, 2025



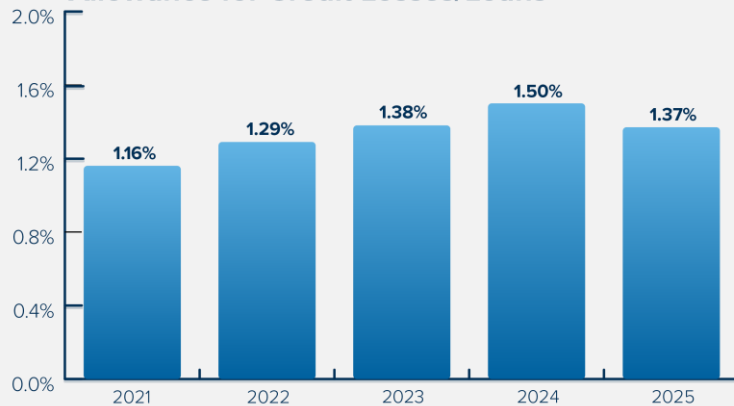


How Esquire Succeeds Boldly

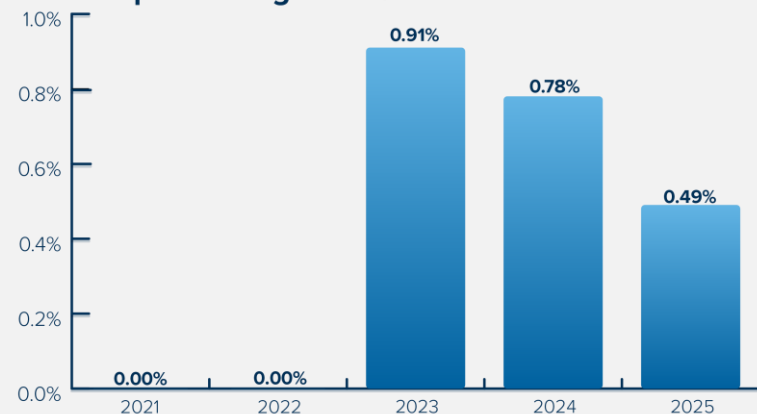
Solid Credit Metrics, Asset Quality and ACL Coverage

at December 31, 2025

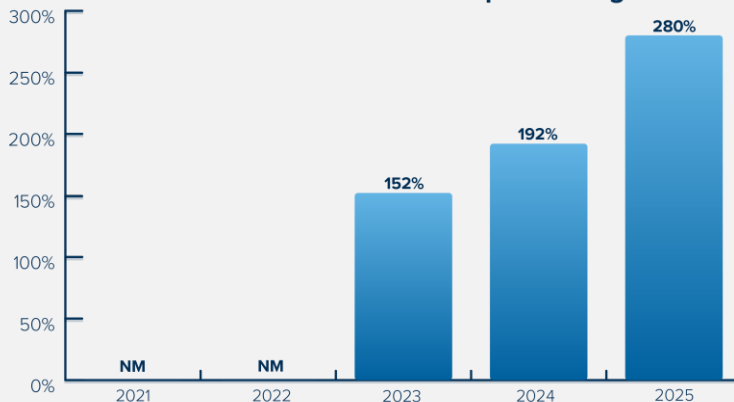
Allowance for Credit Losses/Loans



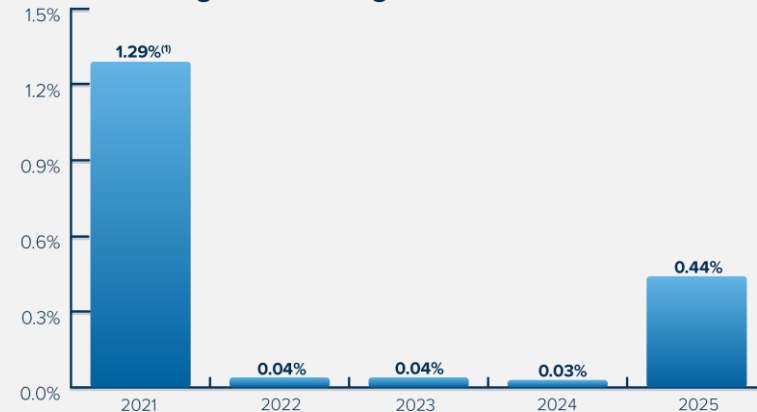
Nonperforming Loans/Loans



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

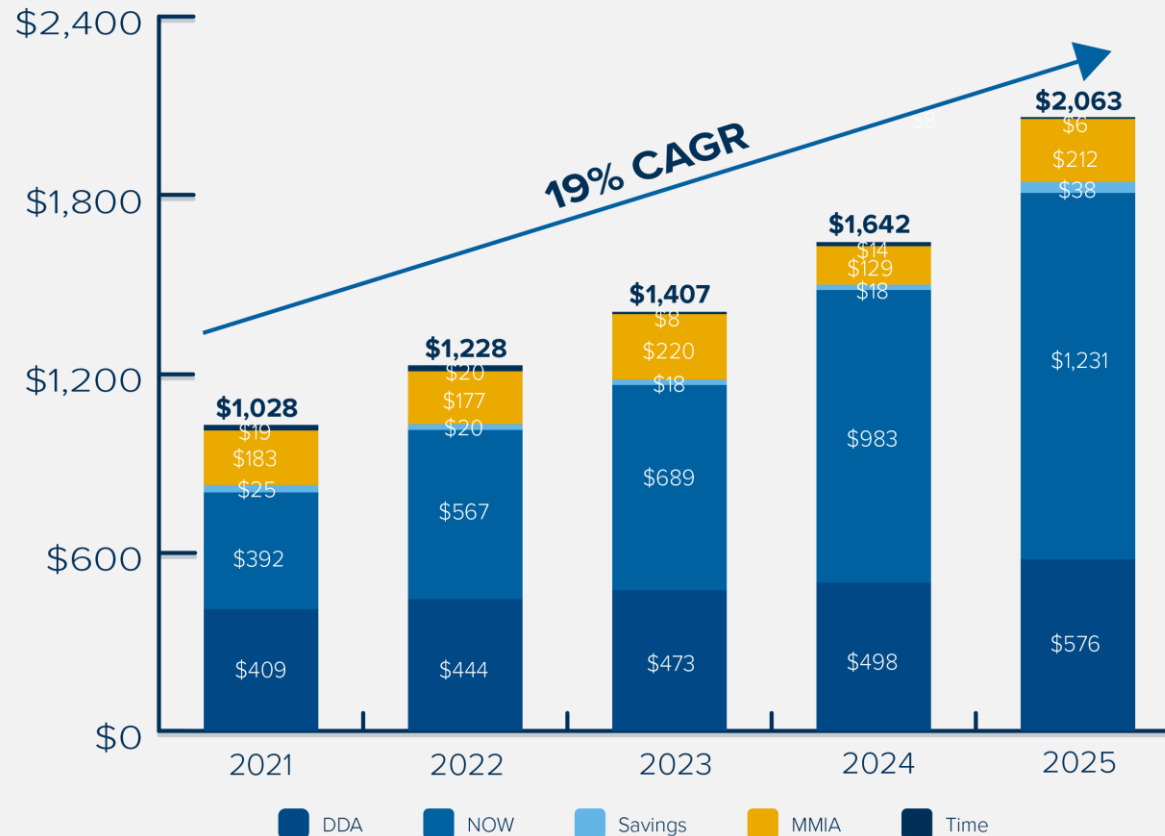
(1) NFL consumer loan portfolio - \$9.0 million charge-off.



How Esquire Succeeds Boldly

Deposit Composition and Growth (\$ in millions) at December 31, 2025

- 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 \$1.22 billion, or 59% of total deposits, creating a highly liquid and unlevered balance sheet



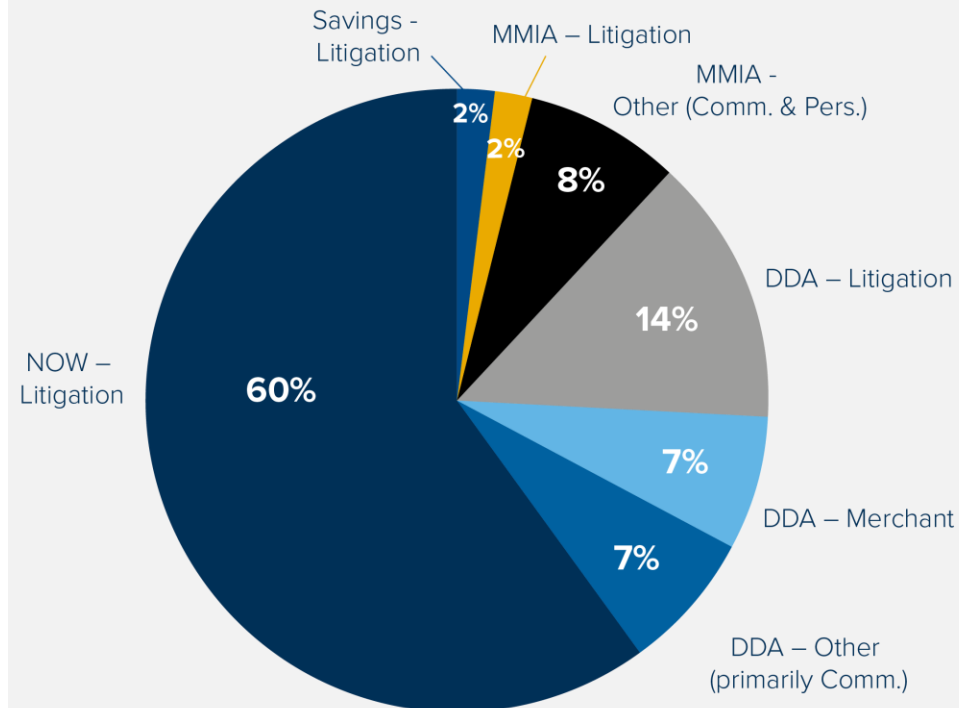


How Esquire Succeeds Boldly

Deposit Composition Details

- ▶ DDA and NOW (escrow funds) deposits total 88% of total deposits, representing stable funding sources in various interest rate scenarios
- ▶ Litigation and payment processing deposits represent 78% and 7% of total deposits at December 31, 2025, respectively
- ▶ Uninsured deposits (excluding \$12.1 million of the Company's deposits) totaled \$685 million, or 33%, of total deposits with approximately 75% 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 \$737 million at December 31, 2025, with \$449 million, or 61%, available for additional on-balance sheet liquidity

Deposit Composition at December 31, 2025



*Note: Excludes sweeps totaling \$737 million

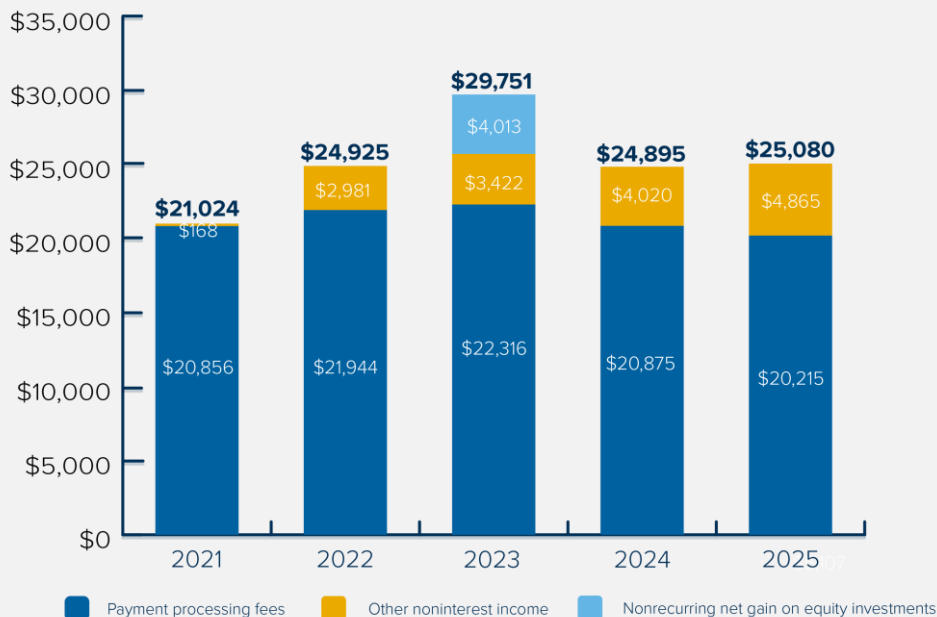


How Esquire *Succeeds Boldly*

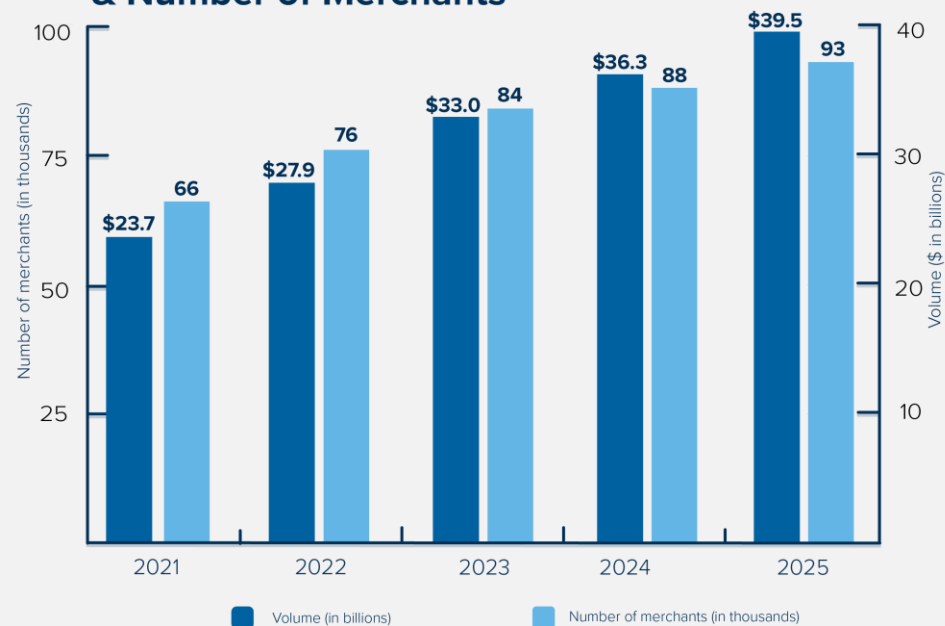
Stable & Consistent Noninterest Income at December 31, 2025

- Currently servicing 93,000 merchants across 50 states in our payment processing (merchant acquiring) vertical
- Fee income, primarily payment processing fees, represents 17% of total revenue for the year ended December 31, 2025

**Noninterest Income
(\$ in thousands)**



**Payment Processing Volumes
& Number of Merchants**

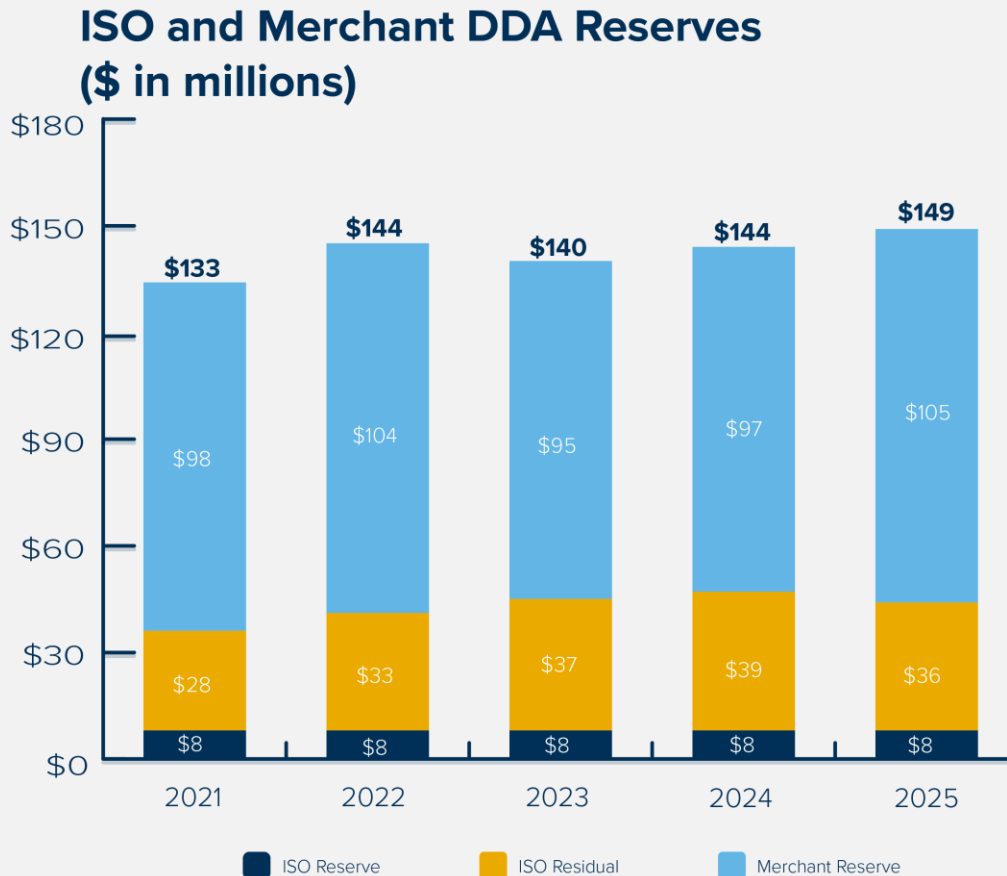




How Esquire *Succeeds Boldly*

Protecting Our Company with Strong Payment Processing Reserves

at December 31, 2025



Key Highlights

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



Key Takeaways

Why Esquire is Set to *Succeed Boldly*

Significant national markets primed for disruption: **\$529 billion & 100,000+ firms** in the litigation vertical and **\$11.7 trillion and 10+ million merchants** in the payment processing vertical

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



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

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  Marketing Cloud  zoominfo 

Sales   zoominfo 

Underwriting Online Banking  

Onboarding  

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

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Operating Officer

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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 2.1% of U.S. GDP* annually or \$529 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

- ▶ \$529 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



Decades of 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





How Esquire *Succeeds Boldly*

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

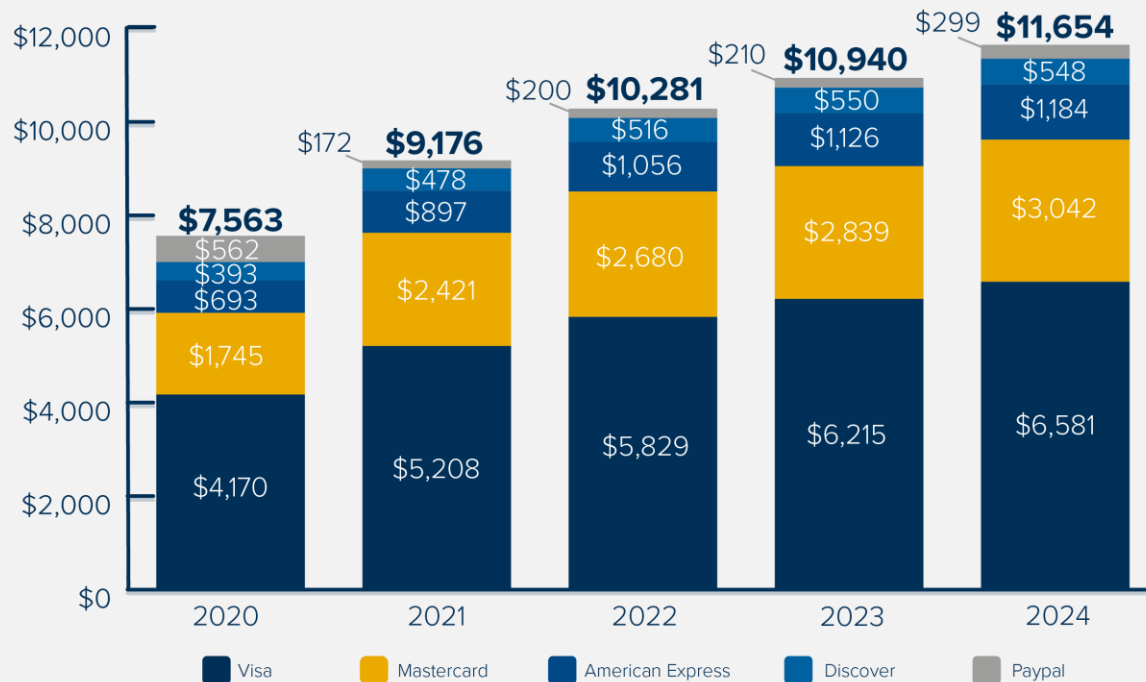
- ▶ Robust Policies
- ▶ Tech Enabled Card Brand and Regulatory Compliance
- ▶ Support Multiple Processing Systems
- ▶ Assess ISO Verticals
- ▶ Re-underwrite Merchant Applications
- ▶ Utilize Industry Leading Risk Management Technology
- ▶ Daily and Month End Risk and Compliance Management
- ▶ Commercial 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, 2024 (\$ in billions)

The payments industry CAGR was 11% from 2020 to 2024 to an estimated total payment volume of **\$11.7 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.