



3rd Quarter 2023 Earnings Presentation

October 18, 2023



Disclaimer

FORWARD-LOOKING STATEMENTS

This presentation includes forward-looking statements within the meaning of the "Safe-Harbor" provisions of the Private Securities Litigation Reform Act of 1995, which management believes are a benefit to shareholders. These statements are necessarily subject to risk and uncertainty and actual results could differ materially due to various risk factors, including those set forth from time to time in our filings with the Securities and Exchange Commission (the "SEC"). You should not place undue reliance on forward-looking statements and we undertake no obligation to update any such statements. Forward-looking statements can be identified by words such as "anticipates," "intends," "plans," "seeks," "believes," "estimates," "expects," "target," "projects," "outlook," "forecast," "will," "may," "could," "should," "can" and similar references to future periods. In this presentation we make forward-looking statements about strategic and growth initiatives and the result of such activity. Risks that could cause results to differ from forward-looking statements we make include, without limitation: current and future economic and market conditions, including the effects of declines in housing and commercial real estate prices, high unemployment rates, continued inflation and any recession or slowdown in economic growth particularly in the western United States; economic forecast variables that are either materially worse or better than end of quarter projections and deterioration in the economy that could result in increased loan and lease losses, especially those risks associated with concentrations in real estate related loans; our ability to effectively manage problem credits; the impact of bank failures or adverse developments at or news developments concerning other banks on general investor sentiment regarding the liquidity and stability of banks; changes in interest rates that could significantly reduce net interest income and negatively affect asset yields and valuations and funding sources; changes in the scope and cost of FDIC insurance and other coverage; our ability to successfully implement efficiency and operational excellence initiatives; our ability to successfully develop and market new products and technology; changes in laws or regulations; any failure to realize the anticipated benefits of the UHC merger when expected or at all; the possibility that the integration following the UHC merger may be more expensive 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 completion of the UHC merger and integration of the companies; the effect of geopolitical instability, including wars, conflicts and terrorist attacks; and natural disasters and other similar unexpected events outside of our control. We also caution that the amount and timing of any future common stock dividends or repurchases will depend on the earnings, cash requirements and financial condition of Columbia, market conditions, capital requirements, applicable law and regulations (including federal securities laws and federal banking regulations), and other factors deemed relevant by Columbia's Board of Directors, and may be subject to regulatory approval or conditions.

NON-GAAP FINANCIAL MEASURES

In addition to results in accordance with GAAP, this presentation contains certain non-GAAP financial measures. A reconciliation of GAAP to non-GAAP measures is included in the Appendix.

We believe presenting certain non-GAAP financial measures provides investors with information useful in understanding our financial performance, our performance trends, and our financial position. We utilize these measures for internal planning and forecasting purposes. We, as well as securities analysts, investors, and other interested parties, also use these measures to compare peer company operating performance. We believe that our presentation and discussion, together with the accompanying reconciliations, provide a complete understanding of factors and trends affecting our business and allows investors to view performance in a manner similar to management. These non-GAAP measures should not be considered a substitution for GAAP basis measures and results, and we strongly encourage investors to review our consolidated financial statements in their entirety and not to rely on any single financial measure. Because non-GAAP financial measures are not standardized, it may not be possible to compare these financial measures with other companies' non-GAAP financial measures having the same or similar names.

REVERSE ACQUISITION METHOD OF ACCOUNTING

On February 28, 2023, Columbia Banking System, Inc. ("Columbia", "we" or "our") completed its merger (the "merger" or the "UHC Merger") with Umpqua Holdings Corporation ("UHC"). Columbia's financial results for any periods ended prior to February 28, 2023 reflect UHC results only on a standalone basis unless explicitly stated otherwise. In addition, Columbia's reported financial results for the first quarter of 2023 reflect UHC financial results only until the closing of the merger after the close of business on February 28, 2023. As a result of these two factors, Columbia's financial results for the first, second, and third quarters of 2023 and the nine months ended September 30, 2023 may not be directly comparable to prior reported periods. The number of shares issued and outstanding, earnings per share, additional paid-in capital, and all references to share quantities or metrics of Columbia have been retrospectively restated to reflect the equivalent number of shares issued in the merger as the merger was treated as a reverse merger. Under the reverse acquisition method of accounting, the assets and liabilities of Columbia as of February 28, 2023 ("historical Columbia") were recorded at their respective fair values.

FINANCIAL HIGHLIGHTS AND SUMMARY FINANCIAL STATEMENTS

Q3 2023

Performance Ratios

		For the Quarter Ended				
		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Reported ⁽³⁾	Net interest margin ⁽¹⁾	3.91 %	3.93 %	4.08 %	4.01 %	3.88 %
	Efficiency ratio ⁽¹⁾	57.82 %	62.60 %	79.71 %	57.24 %	56.07 %
	Return on average assets	1.02 %	1.00 %	(0.14)%	1.04 %	1.09 %
	Pre-provision net revenue (PPNR) return on average assets ⁽²⁾	1.65 %	1.46 %	0.89 %	1.82 %	1.80 %
	Return on average common equity	11.07 %	10.84 %	(1.70)%	13.50 %	12.99 %
	Return on average tangible common equity ⁽²⁾	16.93 %	16.63 %	(2.09)%	13.53 %	13.02 %
Operating ⁽³⁾	Operating efficiency ratio ^{(1), (2)}	51.97 %	54.85 %	53.46 %	52.01 %	51.72 %
	Operating return on average assets ⁽²⁾	1.23 %	1.27 %	0.74 %	1.24 %	1.33 %
	Operating PPNR return on average assets ⁽²⁾	1.94 %	1.82 %	2.01 %	2.10 %	2.12 %
	Operating return on average common equity ⁽²⁾	13.40 %	13.77 %	8.66 %	16.14 %	15.86 %
	Operating return on average tangible common equity ⁽²⁾	20.48 %	21.13 %	10.64 %	16.18 %	15.90 %

Q3 2023 Highlights (compared to Q2 2023)

- Net interest margin decreased 2 basis points to 3.91%. The second full quarter as a combined organization, higher customer balances, and consistent purchase accounting trends contributed to net interest margin stabilization between quarters.
- Improved efficiency and pre-provision profitability reflect the realization of cost synergies and a smaller impact from merger-related expense.
- Return on assets (“ROA”) and return on average tangible common equity (“ROTCE”) were 1.02% and 16.9% on a reported basis and 1.23% and 20.5% on an operating basis.

Footnotes:

(1) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate.

(2) Non-GAAP financial measure. A reconciliation to the comparable GAAP measurement is provided at the end of this slide presentation.

(3) Operating results include the initial provision in Q1 2023 related to non-PCD loans added through the merger, and reported results further include merger-related expense. These items meaningfully impact performance ratios where applicable.

Selected Period-End Balance Sheet

(\$ in millions, except per-share data)	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
ASSETS:					
Total assets	\$51,989.6	\$53,592.1	\$53,994.2	\$31,848.6	\$31,472.0
Interest bearing cash and temporary investments	1,911.2	2,868.6	3,079.3	967.3	1,232.4
Investment securities available for sale, fair value	8,504.0	8,998.4	9,249.6	3,196.2	3,136.4
Loans and leases, gross	37,170.6	37,049.3	37,091.3	26,156.0	25,508.0
Allowance for credit losses on loans and leases	(416.6)	(404.6)	(417.5)	(301.1)	(283.1)
Goodwill and other intangibles, net	1,666.1	1,696.0	1,732.5	4.7	5.8
LIABILITIES AND EQUITY:					
Deposits	41,624.4	40,834.9	41,586.3	27,065.6	26,817.1
Securities sold under agreements to repurchase	258.4	294.9	271.0	308.8	383.6
Borrowings	3,985.0	6,250.0	5,950.0	906.2	756.2
Total shareholders' equity	4,632.2	4,828.2	4,884.7	2,479.8	2,417.5
RATIOS AND PER-SHARE METRICS:					
Loan to deposit ratio	89.3%	90.7%	89.2%	96.6%	95.1%
Book value per common share ⁽¹⁾	\$22.21	\$23.16	\$23.44	\$19.18	\$18.69
Tangible book value per common share ^{(1), (2)}	\$14.22	\$15.02	\$15.12	\$19.14	\$18.65
Tangible common equity to tangible assets ⁽²⁾	5.9%	6.0%	6.0%	7.8%	7.7%

Q3 2023 Highlights (compared to Q2 2023)

- Net loan growth of \$121 million in Q3 2023 was impacted by the sale of \$159 million in non-relationship jumbo residential mortgage loans during the quarter.
- Excess cash and the addition of brokered deposits were used to pay off maturing FHLB advances, which declined by \$2.3 billion to \$4.0 billion at quarter end. Customer deposit balances increased slightly between September 30, 2023 and June 30, 2023.
- Q1 2023 results were impacted by the closing of the merger on February 28, 2023 and the addition of historical Columbia balances at fair value.

Footnotes:

Tables may not foot due to rounding.

(1) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

(2) Non-GAAP financial measure. A reconciliation to the comparable GAAP measurement is provided in the appendix of this slide presentation.

Summary Income Statement

(\$ in millions, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Net interest income before provision	\$480.9	\$484.0	\$374.7	\$305.5	\$287.6
Provision for credit losses	36.7	16.0	105.5	32.9	27.6
Net interest income after provision	444.1	468.0	269.2	272.5	260.0
Non-interest income	44.0	39.7	54.7	34.9	29.4
Non-interest expense	304.1	328.6	342.8	195.0	178.0
Income (loss) before provision (benefit) for income taxes	184.0	179.1	(18.9)	112.4	111.5
Provision (benefit) for income taxes	48.1	45.7	(4.9)	29.5	27.5
Net income (loss)	\$135.8	\$133.4	(\$14.0)	\$83.0	\$84.0
Earnings (loss) per share, diluted ⁽¹⁾	\$0.65	\$0.64	(\$0.09)	\$0.64	\$0.65
Non-interest expense, excluding merger-related expense ⁽²⁾	\$285.2	\$299.0	\$226.9	\$183.3	\$177.2
Pre-provision net revenue ⁽²⁾	\$220.7	\$195.1	\$86.6	\$145.4	\$139.1
Operating pre-provision net revenue ⁽²⁾	\$258.7	\$243.1	\$195.7	\$167.1	\$163.8
Operating net income ⁽²⁾	\$164.3	\$169.4	\$71.5	\$99.2	\$102.6
Operating earnings per share, diluted ^{(1), (2)}	\$0.79	\$0.81	\$0.46	\$0.76	\$0.79

Q3 2023 Highlights (compared to Q2 2023)

- Net interest income decreased by \$3 million as the increase in interest income due to higher yields was more than offset by higher funding costs.
- Non-interest income increased by \$4 million due to higher customer-related fee income and loan gain-on-sale income as well as a lower loss due to cumulative non-merger fair value accounting and hedges.
- Excluding merger-related expense, non-interest expense declined by \$14 million due to cost synergies. Non-interest expense declined by \$24 million on a reported basis.
- Provision expense relates to portfolio mix changes and credit migration trends.
- Q1 2023 results include only one month of the combined company's operations and a related initial provision of \$88 million.

Footnotes:

Tables may not foot due to rounding.

(1) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

(2) Non-GAAP financial measure. A reconciliation to the comparable GAAP measurement is provided at the end of this slide presentation.

Income Statement Component Details

(\$ in thousands, except per-share data)	For the Quarter Ended September 30, 2023				
	GAAP Income	LESS: Non-Operating Items ⁽¹⁾	EQUALS Operating Income ⁽²⁾	LESS: Merger-Related Items ⁽³⁾	EQUALS Adjusted Operating Income ⁽²⁾
Interest income	\$696,013	\$—	\$696,013	\$76,840	\$619,173
Interest expense	215,138	—	215,138	(430)	215,568
Net interest income	480,875	—	480,875	77,270	403,605
Provision for credit losses	36,737	—	36,737	—	36,737
Net interest income after provision	444,138	—	444,138	77,270	366,868
Non-interest income	43,981	(15,023)	59,004	—	59,004
Non-interest expense	304,147	22,955	281,192	29,879	251,313
Income before provision for income taxes	183,972	(37,978)	221,950	47,391	174,559
Provision for income taxes	48,127	(9,482)	57,609	11,848	45,761
Net income	\$135,845	(\$28,496)	\$164,341	\$35,543	\$128,798
Revenue	\$524,856	(\$15,023)	\$539,879	\$77,270	\$462,609
Pre-provision net revenue ⁽²⁾	\$220,709	(\$37,978)	\$258,687	\$47,391	\$211,296
Net interest margin ⁽⁴⁾	3.91 %	NA	3.91 %	0.63 %	3.28 %
Efficiency ratio ⁽⁴⁾	57.82 %	5.85 %	51.97 %	(2.22)%	54.19 %
PPNR return on assets ⁽²⁾	1.65 %	(0.29)%	1.94 %	0.36 %	1.58 %
Return on assets	1.02 %	(0.21)%	1.23 %	0.27 %	0.96 %
Return on equity	11.07 %	(2.33)%	13.40 %	2.90 %	10.50 %
Return on tangible common equity ⁽²⁾	16.93 %	(3.55)%	20.48 %	4.43 %	16.05 %
Earnings per share, diluted	\$0.65	(\$0.14)	\$0.79	\$0.17	\$0.62

Footnotes:

(1) Non-operating income and expense items are detailed at the end of this slide presentation. Non-operating expense includes \$19 million of merger-related expense.

(2) All items in this column represent non-GAAP financial measures and should be reviewed alongside the GAAP reconciliation in this table. PPNR, PPNR return on assets, and return on tangible common equity are also non-GAAP measures for all ratios presented, including those in the GAAP column; a reconciliation is provided at the end of this presentation.

(3) Merger-related items include purchase accounting accretion and amortization (PAA) captured in interest income and interest expense and CDI amortization of \$30 million.

(4) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate and is included in the calculation of this ratio.

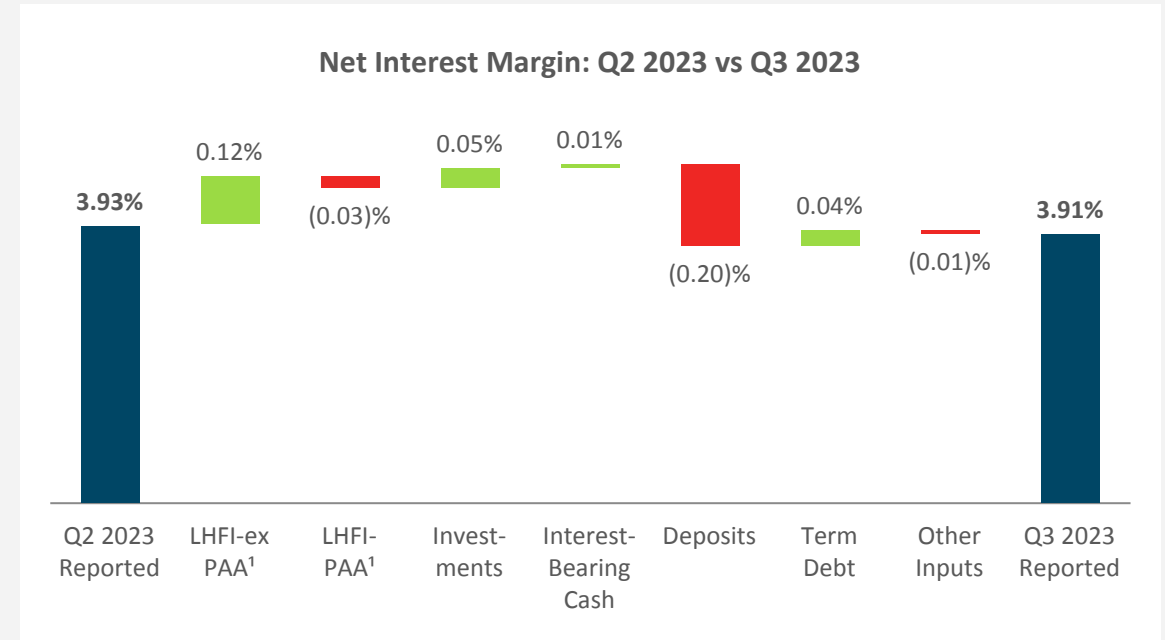
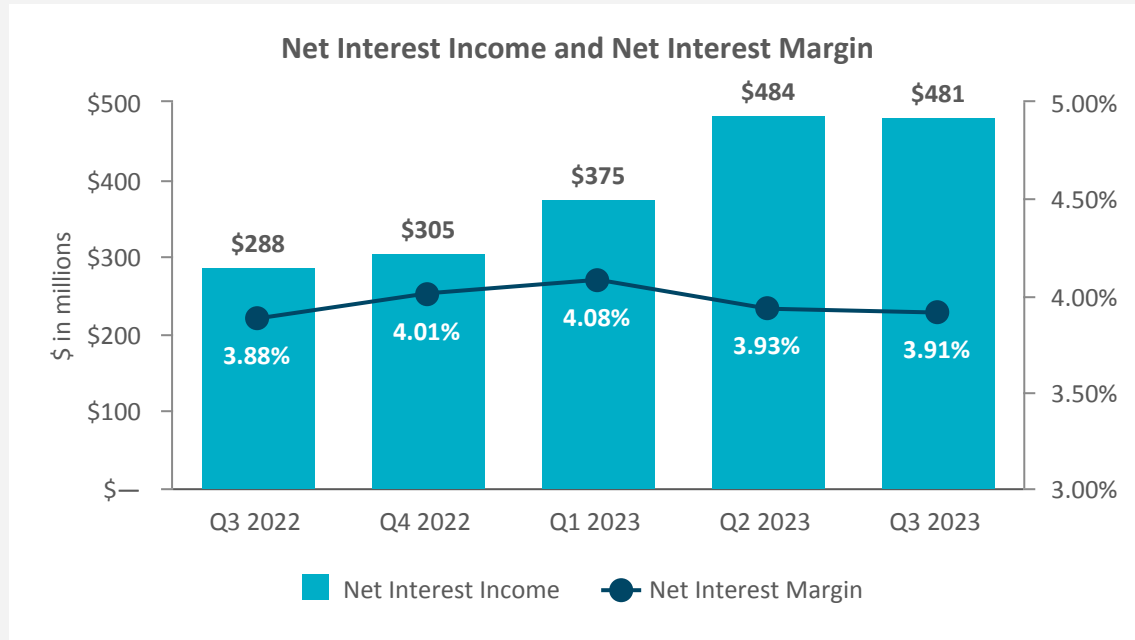
Q3 2023 Highlights

- GAAP results were adversely impacted by 14 cents of non-operating items that include cumulative fair value adjustments, hedging activity, and merger-related expense. PAA and CDI amortization provided a net benefit of 17 cents to EPS.
- Operating EPS of \$0.79 resulted in a return on assets of 1.23% and a return on tangible common equity of 20.5%.
- We expect the net impact of merger-related items (PAA and CDI amortization) to continue to add to EPS as a steady and reliable source of income over time as it is primarily driven by rate, not credit. We expect this net earnings stream to build capital over time.
- See appendix for five-quarter comparison data for each income component.

INCOME STATEMENT HIGHLIGHTS

Q3 2023

Net Interest Income and Net Interest Margin



- Net interest margin was 3.91% in Q3 2023, down 2 basis points from the prior quarter as higher yields on loans and investments did not fully offset higher funding costs.
- The cost of interest-bearing deposits increased 37 basis points on a linked-quarter basis to 2.01% in Q3 2023, which compares to 2.18% for the month of September and 2.27% at September 30, 2023. Deposit costs were impacted by the decision to replace a portion of maturing FHLB advances with brokered deposits, which increased the cost of deposits but was fairly neutral to the cost of interest-bearing liabilities.
- The cost of interest-bearing liabilities increased 27 basis points on a linked-quarter basis to 2.72% in Q3 2023, which compares to 2.77% for the month of September and 2.78% at September 30, 2023.

Interest Rate Sensitivity: Loans

Loan Repricing Detail ^{(1), (2)}				
(\$ in millions)	Q2 2023	Q3 2023	Q2 2023	Q3 2023
Fixed	\$15,806	\$15,793	42 %	42 %
Prime	2,897	2,820	8 %	7 %
1 Month	7,451	8,214	20 %	22 %
Floating	10,348	11,034	28 %	29 %
Prime	430	386	1 %	1 %
1 Month	274	105	1 %	— %
6 Month	5,883	5,733	16 %	15 %
1 Year	1,293	1,285	3 %	3 %
3 Year	425	227	1 %	1 %
5 Year	2,269	2,273	6 %	6 %
10 Year	937	949	2 %	3 %
Adjustable	11,511	10,958	30 %	29 %
Total	\$37,665	\$37,785	100 %	100 %

Loan Maturities at September 30, 2023							
(\$ in millions)	<=6 Months	7 to 12 Months	13 to 24 Months	25 to 36 Months	37 to 60 Months	61+ Months	Total
Fixed	\$1,919	\$223	\$601	\$880	\$2,210	\$9,960	\$15,793
Floating	1,564	1,170	1,211	803	1,415	4,871	11,034
Adjustable	55	45	208	273	673	9,704	10,958
Total	\$3,538	\$1,438	\$2,020	\$1,956	\$4,298	\$24,535	\$37,785

Floors: Floating and Adjustable Rate Loans at September 30, 2023				
(\$ in millions)	No Floor ⁽³⁾	At Floor ⁽³⁾	Above Floor ⁽³⁾	Total
Floating	\$6,665	\$16	\$4,353	\$11,034
Adjustable	1,766	6	9,186	10,958
Total	\$8,431	\$22	\$13,539	\$21,992
% of Total	38%	—%	62%	100%

Footnotes:

(1) Index rates are mapped to the closest material index.

(2) Loan totals on this slide do not include purchase accounting adjustments. Deferred fees and costs also drive variances between loan totals on this slide and loan totals in the earnings press release.

(3) Loans were grouped into three buckets: (1) No Floor: no contractual floor on the loan; (2) At Floor: current rate = floor; (3) Above Floor: current rate exceeds floor. The amount above the floor was based on the current margin plus the current index assuming the loan repriced on September 30, 2023. The adjustable loans may not reprice until well into the future, depending on the timing and size of interest rate changes.

Interest Rate Sensitivity: Balance Sheet

Interest Rate Simulation Impact on Net Interest Income ^{(1), (2)}

	September 30, 2023				June 30, 2023				September 30, 2022			
	Ramp		Shock		Ramp		Shock		Ramp		Shock	
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
Up 200 basis points	(0.4)%	0.7%	(1.0)%	2.1%	(0.8)%	(0.7)%	(1.3)%	0.6%	2.0%	6.8%	4.5%	8.6%
Up 100 basis points	(0.2)%	0.4%	(0.5)%	1.1%	(0.4)%	(0.3)%	(0.7)%	0.3%	1.0%	3.5%	2.3%	4.3%
Down 100 basis points	(1.3)%	(3.4)%	(2.4)%	(4.1)%	(0.8)%	(2.1)%	(1.0)%	(1.8)%	(3.1)%	(7.8)%	(6.4)%	(8.8)%
Down 200 basis points	(2.7)%	(7.1)%	(5.2)%	(8.7)%	(1.5)%	(4.3)%	(3.1)%	(5.0)%	(6.5)%	(16.1)%	(13.6)%	(18.0)%
Down 300 basis points	(4.0)%	(11.0)%	(7.9)%	(13.5)%	(2.4)%	(6.9)%	(5.6)%	(8.6)%	(10.2)%	(23.5)%	(19.9)%	(26.2)%

Deposit and Funding Repricing Betas During the Current Rising-Rate Cycle**

	Effective Fed Funds Rate (Daily Avg.)	Cost of Combined Company**		
		Interest-Bearing Deposits	Total Deposits	Total Funding
Q3 2023	5.26%	2.01%	1.23%	1.81%
Q2 2023	4.99%	1.64%	0.99%	1.61%
Q1 2023	4.52%	1.32%	0.80%	1.16%
Q4 2022	3.65%	0.62%	0.35%	0.51%
Q3 2022	2.20%	0.22%	0.12%	0.18%
Q2 2022	0.76%	0.11%	0.06%	0.10%
Q1 2022	0.12%	0.09%	0.05%	0.08%
Q4 2021	0.08%	0.10%	0.05%	0.09%
Variance: Peak (Peak Value less Q4 2021)	+5.18%	+1.91%	+1.18%	+1.72%
Beta - Cycle-to-Date		37%	23%	33%

**Note: Deposit and funding repricing beta data present combined company results as if historical Columbia and historical UHC were one company for all periods through December 31, 2022; subsequent quarters present data on a legal basis given the merger. The beta presentation is calculated in this manner for comparison purposes.

Footnotes:

- (1) For the scenarios shown, the interest rate simulations assume a parallel and sustained shift in market interest rates ratably over a twelve-month period (ramp) or immediately (shock). There is no change in the composition or the size of the balance sheet in either scenario. Interest rate sensitivity in the first year of the net interest income simulation for increasing interest rate ramp scenarios is negatively impacted by the cost of non-maturity deposits repricing immediately while interest earning assets reprice at a slower rate.
- (2) The simulation repricing beta applied to interest-bearing deposits in the rising rate scenarios is 54% for September 30, 2023, 53% for June 30, 2023, and 51% for September 30, 2022. Betas applied are for future repricing assuming future rate changes, and the simulations assume an immediate repricing impact. Note that interest rate simulations present data on a legal company basis: Data displayed at September 30, 2023 and June 30, 2023 represent the combined company and data displayed at September 30, 2022 represent historical UHC data only.

- While the use of brokered deposits increased Columbia's cumulative interest-bearing deposit beta to 37% in Q3 2023 from 31% in Q2 2023, the total funding beta experienced a smaller movement to 33% from 31% over the period as brokered balances were used to pay off maturing FHLB advances.
- We continue to manage the balance sheet to protect its sensitivity to a declining interest rate environment as this scenario presents more risk to net interest income than a "higher-for-longer" interest rate scenario.

Non-Interest Income

(\$ in millions)	For the quarter ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Service charges on deposits	\$17.4	\$16.5	\$14.3	\$12.1	\$12.6
Card-based fees	15.7	13.4	11.6	9.0	9.1
Financial services and trust revenue	4.7	4.5	1.3	—	—
Residential mortgage banking revenue, net	7.1	(2.3)	7.8	(1.8)	17.3
Loss (gain) on equity securities, net	(2.1)	(0.7)	2.4	0.3	(2.6)
Gain on loan and lease sales, net	1.9	0.4	0.9	1.5	1.5
BOLI income	4.4	4.1	2.8	2.0	2.0
Other Income					
Commercial product revenue ⁽¹⁾	\$3.0	\$3.0	\$1.4	\$5.3	\$6.4
Commercial servicing revenue	0.5	0.4	0.9	0.9	0.7
Loan-related fees	3.6	3.3	3.4	3.2	3.2
Change in fair value of certain loans held for investment	(19.2)	(7.0)	9.5	4.2	(26.4)
Misc. Income	1.3	2.8	1.9	0.4	1.3
Swap derivative gain (loss)	5.7	1.3	(3.5)	(2.3)	4.2

Q3 2023 Highlights (compared to Q2 2023)

- Revenue from customer-related products increased during the quarter as we continue to target balanced loan, deposit, and fee income growth.
- Mortgage banking revenue increased as Q2 2023's results were adversely impacted by the ineffectiveness of mortgage servicing rights ("MSR") hedges during the quarter due to the planned sale of approximately one-third of the MSR portfolio and the associated accounting treatment. The transaction closed in Q3 2023 with no income statement impact.
- Q1 2023 results include only one month of the combined company's operations.

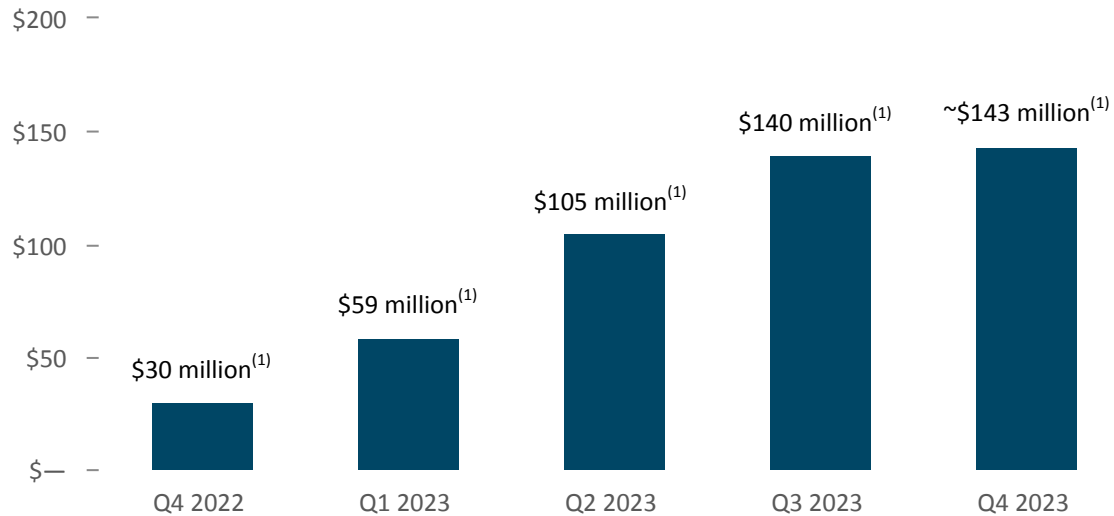
Footnotes:

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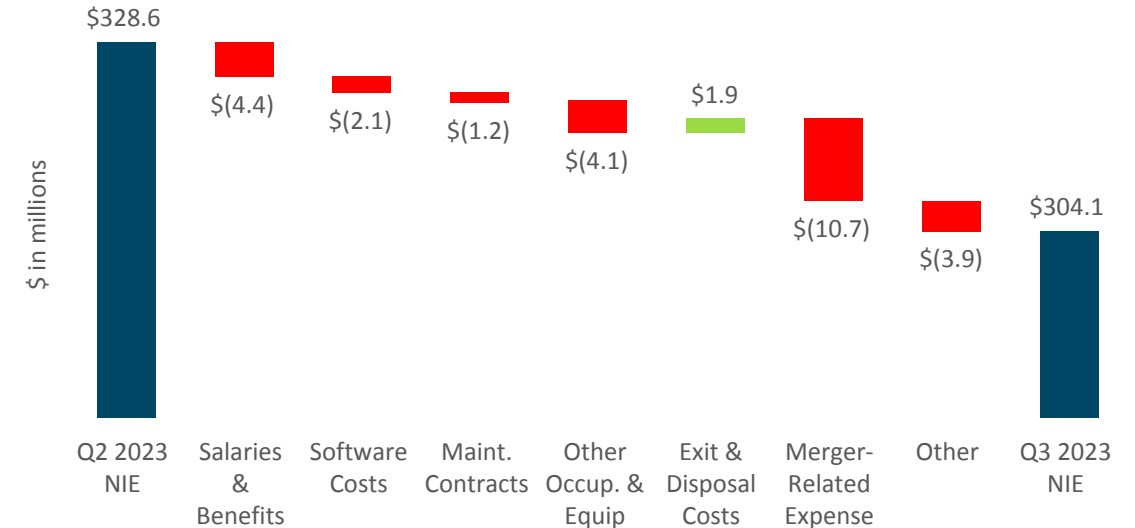
(1) Commercial product revenue includes swaps, syndication, and international banking revenue, which are captured in "other income" on the income statement. Other income statement line items, like card-based fees, include other sources of commercial product revenue.

Realized Cost Synergies Exceeded Original Target

Annualized Cost Synergies Realized by Period End



Non-Interest Expense ("NIE"): Q2 2023 vs Q3 2023



- We realized \$140 million in annualized cost synergies through September 30, 2023⁽¹⁾, exceeding our original \$135 million target. We will realize the remaining merger-related savings in 2023, which include an additional \$3 million in identified annualized savings to be achieved in Q4 2023⁽¹⁾.
- There are additional opportunities to realize operational efficiencies in 2024 and beyond. We will continue to manage our expense base and seek out these offsets to fund growth-driven reinvestment.
- Cost synergies realized ahead of the February 28, 2023 merger close were primarily driven by departing associates that were not slated to be part of the go-forward organization, though there were some real estate and contract-related savings achieved as well in anticipation of closing. The core systems conversion was completed March 20, 2023, and 47 branches were consolidated in the latter half of Q2 2023.

(1) Realized synergies are annualized and reflect what is achieved or expected to be achieved at the end of the quarter; the full amount is not included in the full-quarter run rate.

Outlook

	Results ⁽¹⁾		Full-Year 2023 Outlook ⁽¹⁾		Notes
	Three Months Ended	Nine Months Ended	As of July 19, 2023	As of Oct 18, 2023	
	Sept 30, 2023	Sept 30, 2023			
Average earning assets	\$49b	\$45b	\$45b - \$46b	\$45b - \$46b	Assumes cash balance at 9/30 remains consistent through remainder of 2023
Net interest margin - GAAP	3.91%	3.96%	3.75% - 3.95%	3.85% - 3.95%	Forward outlook does not include any additional changes to the fed funds rate in 2023; incorporates purchase accounting income detailed below and a range of funding flows in Q4 that assume customer deposit balance growth at the upper end of the NIM range and contraction at the lower end of the NIM range
Purchase accounting accretion - securities; rate related ⁽³⁾	\$42mm	\$95mm	\$115mm - \$125mm	\$125mm - \$130mm	Assumes very low prepayment activity; an increase in payoff or paydown speeds would increase income
Purchase accounting accretion - loans; rate related ⁽³⁾	\$29mm	\$71mm	\$98mm - \$106mm	\$98mm - \$106mm	
Purchase accounting accretion - loans; credit related ⁽³⁾	\$6mm	\$17mm	\$22mm - \$24mm	\$22mm - \$24mm	
Non-interest expense - excluding CDI and merger-related expense ⁽²⁾	\$251mm	\$726mm	\$965mm - \$980mm	\$965mm - \$975mm	We continue to anticipate a Q4 run rate of \$240mm - \$250mm (not annualized) excluding CDI amortization, merger-related expense, and the estimated FDIC special assessment, the timing of which is not yet known
CDI amortization	\$30mm	\$78mm	~\$116mm	~\$111mm	Not included in adjusted non-interest expense detailed above
Merger-related expense	\$19mm	\$164mm	~\$160mm	~\$170mm	Not included in adjusted non-interest expense detailed above

(1) Nine months ended September 30, 2023 and Full-Year 2023 impacted by the February 28, 2023 merger close.

(2) Non-GAAP basis; see reconciliation on slide 7. Excludes non-operating and merger-related items.

(3) The cumulative fair value discount on historical Columbia loans was established as of February 28, 2023, and the allocation between the credit-related discount and the rate-related discount was established at that time. Our disclosure of credit-related and rate-related discount accretion is an estimate based on the relative allocation of these two items to the discount at closing.

BALANCE SHEET HIGHLIGHTS

Q3 2023

Securities Portfolio Overview

Available for Sale Securities Portfolio at September 30, 2023								
(\$ in millions)	Current Par	Amortized Cost	Unrealized Gains	Unrealized Losses	Fair Value	% of Total AFS Portfolio	Effective Duration	Book Yield
U.S. Treasuries	\$392	\$378	\$—	(\$12)	\$366	4 %	2.6	3.55 %
U.S. Agencies	1,162	1,179	—	(108)	\$1,071	13 %	4.4	2.80 %
Mortgage-backed securities - residential agency	3,274	3,054	—	(416)	\$2,638	31 %	7.1	3.23 %
Collateralized mortgage obligations ⁽¹⁾	1,416	1,323	—	(154)	\$1,169	14 %	6.1	3.41 %
Obligations of states and political subdivisions	1,138	1,075	—	(76)	\$999	12 %	5.4	3.37 %
Commercial mortgage-backed securities - agency	2,542	2,371	—	(110)	\$2,261	27 %	4.8	4.72 %
Total available for sale securities	\$9,924	\$9,380	\$—	(\$876)	\$8,504		5.7	3.61 %
Percentage of Current Par		95 %	— %	(9)%	86 %			

- The total AFS securities portfolio had a book yield of 3.61% and an effective duration of 5.7 at September 30, 2023, essentially unchanged from June 30, 2023.
- Outside of equity securities, all securities were classified as AFS and carried on the balance sheet at fair value at September 30, 2023, with exception of \$2.3 million in local community housing bonds classified as held to maturity; there is no unrealized loss associated with this portfolio, which was 0.03% of total securities.

(1) Portfolio includes \$260 million in high-quality non-agency collateralized mortgage obligations ("CMO") that were in a small unrealized loss position at September 30, 2023 (amortized cost of \$274 million). The remaining \$1.2 billion of the portfolio is comprised of residential agency CMOs.

Liquidity Overview

Select Balance Sheet Items: Combined Basis Pre-Closing and Consolidated Basis Post-Closing ⁽¹⁾					
(\$ in millions)	Three Months Ended				Sequential Quarter Change
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2023
Required divestitures - associated deposits	\$—	\$—	\$—	\$547	\$—
Brokered deposits	3,122	2,346	1,630	867	776
Administrative	146	239	183	112	(93)
Public deposits	2,442	2,425	2,556	2,758	17
Customer accounts	35,914	35,825	37,217	39,457	89
Total Deposits	\$41,624	\$40,835	\$41,586	\$43,741	\$789
Repurchase agreements	\$258	\$295	\$271	\$404	(\$37)
Term debt	\$3,985	\$6,250	\$5,950	\$1,860	(\$2,265)
Cash and cash equivalents	\$2,404	\$3,407	\$3,635	\$1,589	(\$1,003)
Securities ⁽²⁾	\$8,506	\$9,001	\$9,252	\$9,832	(\$495)
Loans	\$37,171	\$37,049	\$37,091	\$37,759	\$122

(1) All data presented in the above table combine historical Columbia data and historical UHC data for the three months ended December 31, 2022 (before the merger's February 28, 2023 close) to provide a consistent comparison of the changes that occurred when viewing the combined organization.

(2) Available-for-sale and held-to-maturity securities. Held to maturity securities were only 0.03% of the portfolio at September 30, 2023 and relate to local community housing bonds.

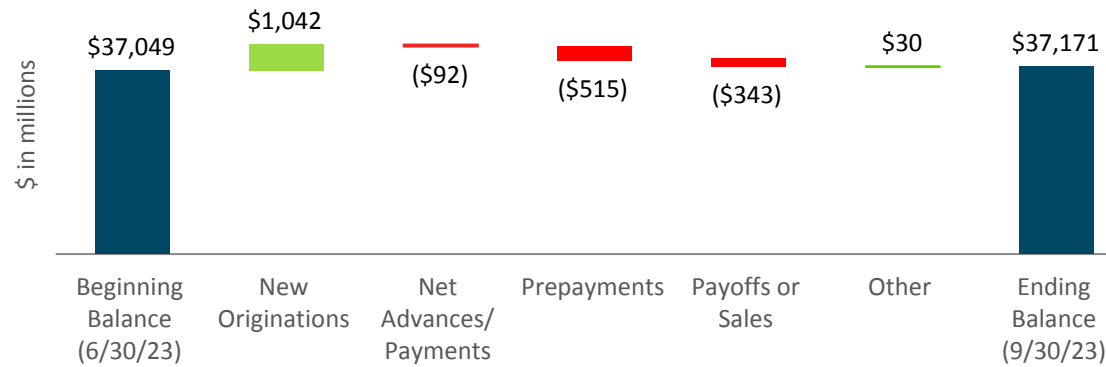
Total Off-Balance Sheet Liquidity Available at September 30, 2023			
(\$ in millions)	Gross Availability	Utilization	Net Availability
FHLB lines	\$11,955	\$3,970	\$7,985
Federal Reserve Discount Window	1,677	—	1,677
Federal Reserve Term Funding Program	1,954	—	1,954
Uncommitted lines of credit	600	—	600
Total off-balance sheet liquidity	\$16,186	\$3,970	\$12,216

Total Available Liquidity at September 30, 2023 (\$ in millions)	
Total off-balance sheet liquidity (available lines of credit):	\$12,216
Cash and equivalents, less reserve requirement	2,014
Excess bond collateral	4,842
Total available liquidity	\$19,072
TOTAL AVAILABLE LIQUIDITY AS A PERCENTAGE OF:	
Assets of \$52.0 billion at September 30, 2023	37 %
Deposits of \$41.6 billion at September 30, 2023	46 %
Uninsured deposits of \$13.5 billion at September 30, 2023	142 %

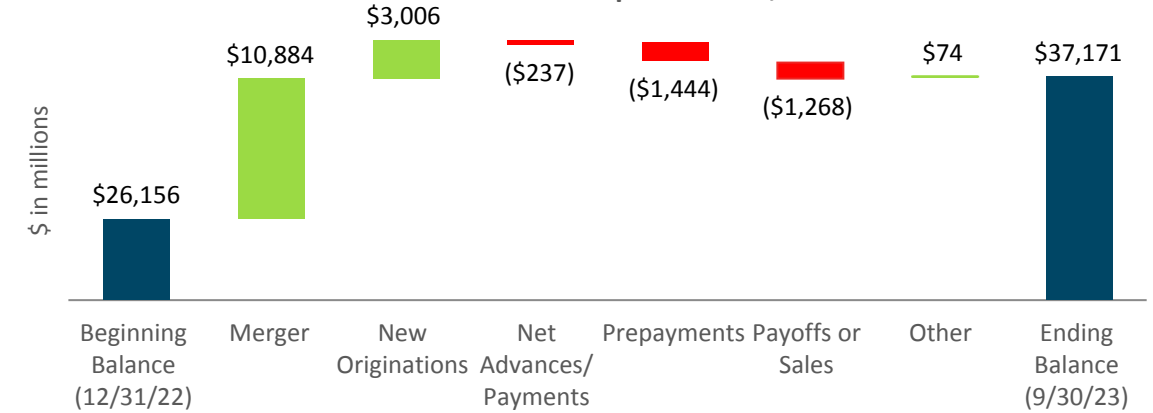
- We began to reduce our cash position during 3Q 2023 given stabilizing industry trends and ample sources of available liquidity. Excess cash and brokered deposits were used to fund maturing FHLB advances during the quarter.
- Customer deposit balances stabilized during 3Q 2023 despite continued market liquidity tightening, the impact of inflation on customer spending, and businesses' use of cash.
- Uninsured deposits were \$13.5 billion at September 30, 2023, representing 32% of total deposits. Available liquidity of \$19.1 billion was 142% of uninsured deposits at that time.

Loan Roll Forward Activity

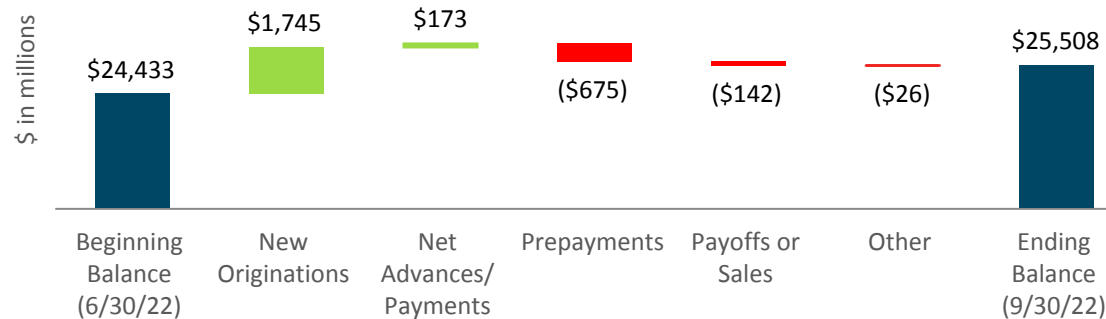
Three Months Ended September 30, 2023



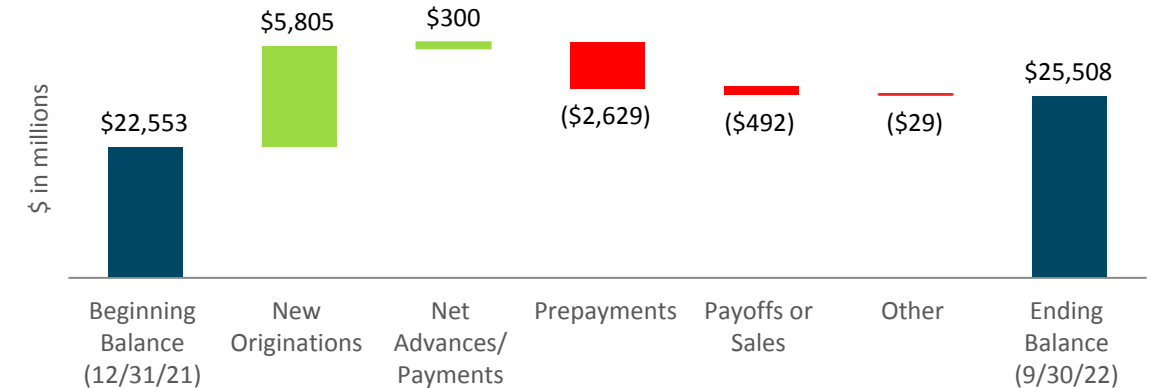
Nine Months Ended September 30, 2023



Three Months Ended September 30, 2022



Nine Months Ended September 30, 2022



Footnotes:
Other includes purchase accounting accretion and amortization.

Purchase Accounting Details

	Adjustment at Closing	Remaining Balances at		
Select Purchase Accounting Items ⁽¹⁾	February 28, 2023	June 30, 2023	September 30, 2023 ⁽²⁾	Notes
ITEMS TO ACCRETE THROUGH INTEREST INCOME:				
Available for sale securities - rate discount	\$(1,011) million	\$(609) million	\$(586) million	While an adjustment to historical Columbia securities’ book value was \$1.0 billion at closing, the purchase discount that will accrete into interest income over time was \$0.6 billion when previously existing purchase premiums and the discount associated with bonds sold as part of the Q1 2023 portfolio restructuring were eliminated.
Loans - rate discount ⁽³⁾	<u>\$(618) million</u>	<u>\$(558) million</u>	<u>\$(496) million</u>	Purchase accounting related to loans sold during Q3 2023 caused a larger reduction in the purchase discount than what was booked through interest income during the quarter.
Total rate discount on loans and securities	\$(1,629) million	\$(1,167) million	\$(1,082) million	
Loans - credit mark ⁽³⁾	<u>\$(130) million</u>	<u>\$(94) million</u>	<u>\$(86) million</u>	
Total discount on loans and securities	\$(1,759) million	\$(1,261) million	\$(1,168) million	Fair value discounts are accreted into interest income using the effective interest method, which amortizes the discount over the life of the loan or security.
ITEM TO AMORTIZE THROUGH NON-INTEREST EXPENSE:				
Core deposit intangible	\$710 million	\$664 million	\$635 million	CDI amortizes through non-interest expense over 10 years using the sum-of-the-years-digits method.

(1) Table does not capture all assets and liabilities with an associated fair value discount or premium. Assets and liabilities not presented have a significantly smaller impact on income through the accretion or amortization of their discount or premium.

(2) See slide 14 for near-term interest income and non-interest expense expectations related to the items outlined in this table.

(3) The cumulative fair value discount on historical Columbia loans was established as of February 28, 2023, and the allocation between the credit-related discount and the rate-related discount was established at that time. Our disclosure of credit-related and rate-related discount accretion is an estimate based on the relative allocation of these two items to the discount at closing.

Loan and Lease Characteristics: Overall Portfolio and Q3 2023 Production

Mortgage

- Portfolio average loan size of \$477,000
- 3Q23 average loan size of \$591,000
- Portfolio average FICO of 762 and LTV of 63%
- 3Q23 average FICO of 774 and LTV of 67%
- Total delinquencies of 0.59%
- Annualized net charge-off rate of 0.00%

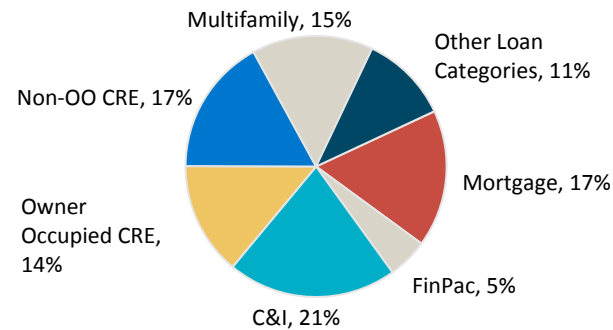
Non-owner Occupied CRE

- Portfolio average loan size of \$1.7 million
- 3Q23 average loan size of \$2.1 million
- Portfolio average LTV of 51% and DSC of 1.88
- 3Q23 average LTV of 55% and DSC of 1.45
- Total delinquencies of 0.12%
- Annualized net charge-off rate of 0.00%

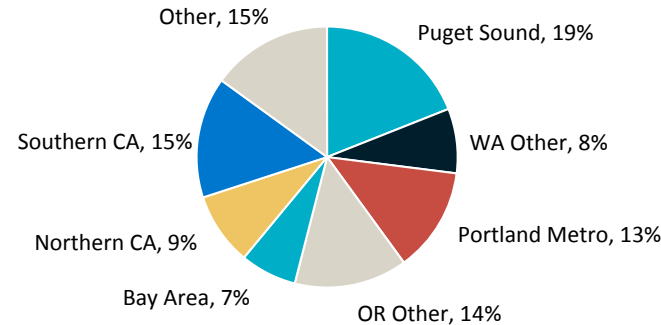
Commercial & Industrial

- Portfolio average loan size of \$701,000
- 3Q23 average loan size of \$862,000
- Total delinquencies of 0.60%
- Annualized net recovery rate of (0.02)%

Portfolio Composition at September 30, 2023



Geographic Distribution at September 30, 2023



Owner Occupied CRE

- Portfolio average loan size of \$992,000
- 3Q23 average loan size of \$988,000
- Portfolio average LTV of 55%
- 3Q23 average LTV of 68%
- Total delinquencies of 0.51%
- Annualized net charge-off rate of 0.00%

Multifamily

- Portfolio average loan size of \$2.3 million
- 3Q23 average loan size of \$929 thousand
- Portfolio average LTV of 55% and DSC of 1.57
- 3Q23 average LTV of 57% and DSC of 1.32
- Total delinquencies of 0.00%
- Annualized net charge-off rate of 0.00%

Lease & Equipment Finance (FinPac)

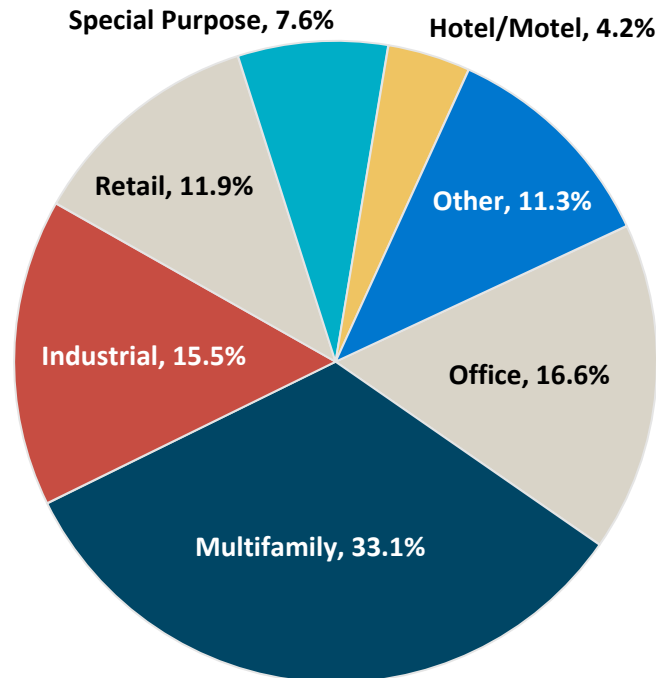
- Portfolio average loan & lease size of \$41,000
- 3Q23 average loan & lease size of \$66,000
- Portfolio average yield: ~10%
- Total delinquencies of 4.21%
- Annualized net charge-off rate of 5.15%

Footnotes:

Portfolio statistics and delinquencies as of September 30, 2023. Annualized net charge-off rate for Q3 2023. Loan-to-value ("LTV"), FICO, and debt service coverage ("DSC") are based on weighted average for portfolio where data are available. LTV represents average LTV based on most recent appraisal against updated loan balance. Totals may not foot due to rounding.

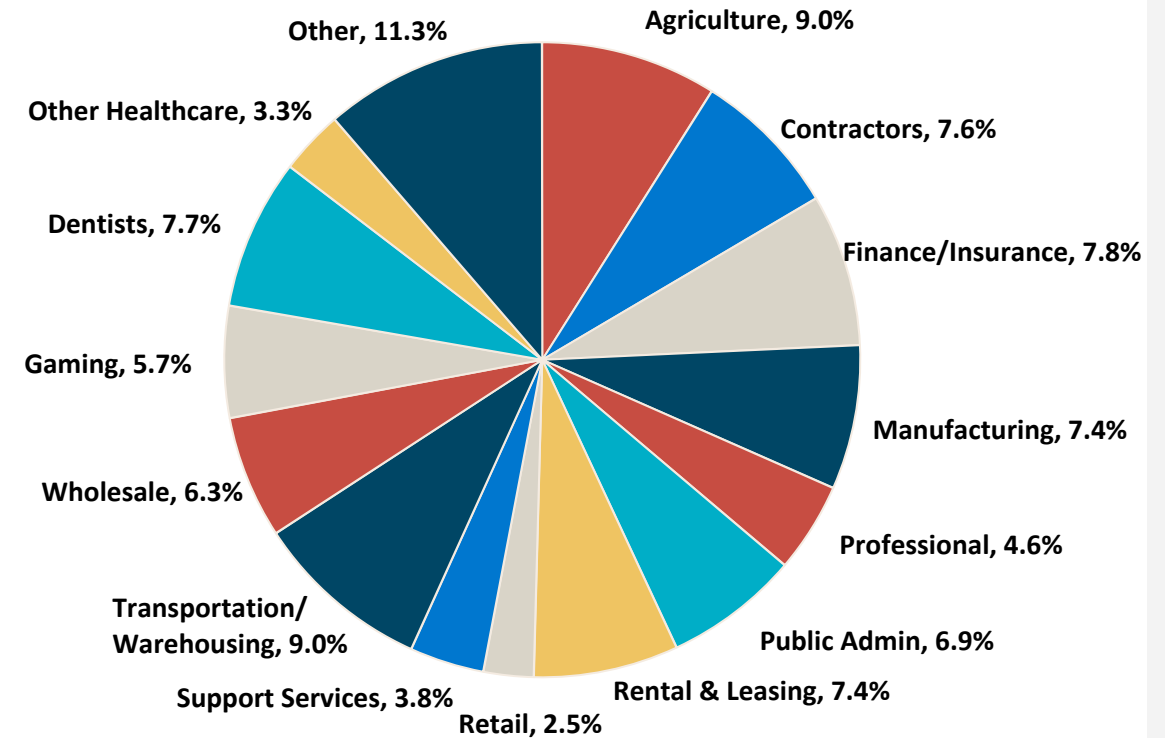
CRE and C&I Portfolio Composition

CRE Portfolio Composition ⁽¹⁾
\$17.4 Billion at September 30, 2023



45% Owner Occupied / 55% Non-Owner Occupied ⁽²⁾

C&I Portfolio Composition ⁽¹⁾
\$9.5 Billion at September 30, 2023



Commercial Line Utilization was 34% at September 30, 2023

(1) CRE portfolio composition includes non-owner occupied term and owner occupied term balances as well as multifamily balances. C&I portfolio composition includes term, lines of credit & other, and leases & equipment finance balances.

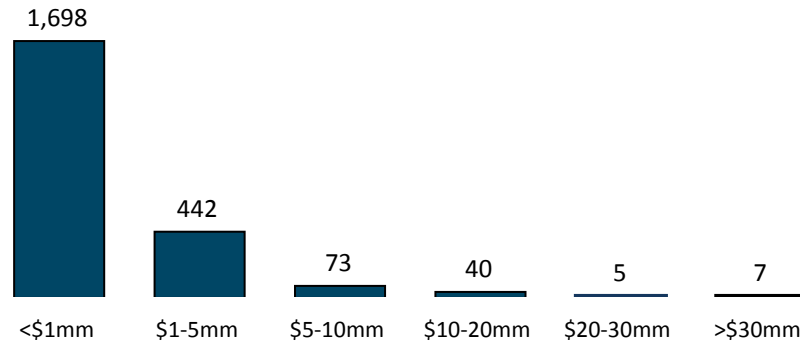
(2) Owner occupied and non-owner occupied disclosure relates to commercial real estate portfolio excluding multifamily loans.

Office Portfolio Details

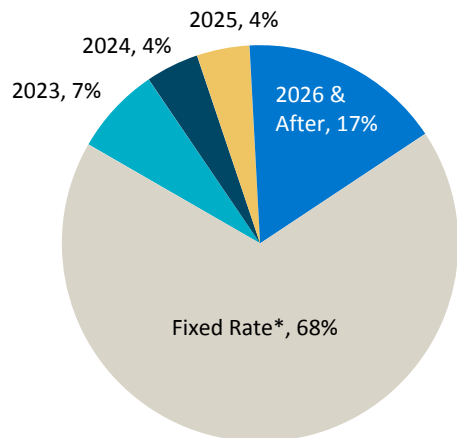
Office Portfolio Metrics at September 30, 2023

Average loan size	\$1.3 million
Average LTV	56%
DSC (non-owner occupied)	1.73x
% with guaranty (by \$ / by #)	84% / 83%
Past due 30-89 days	\$0.8mm / 0.03% of office
Nonaccrual	\$14.7mm / 0.49% of office
Special mention	\$11mm / 0.37% of office
Classified	\$53mm / 1.74% of office

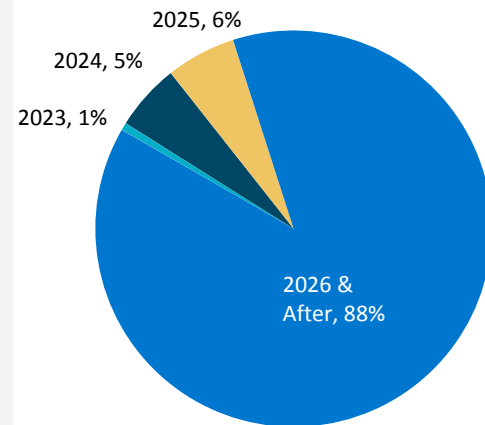
Number of Loans by Balance



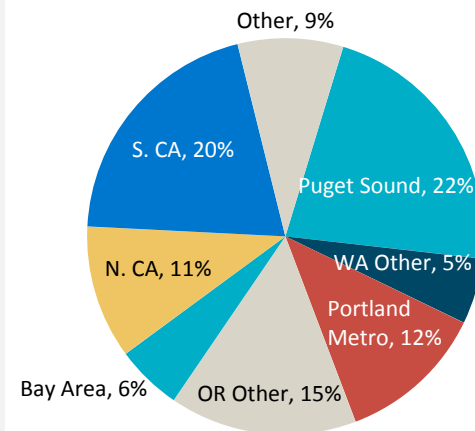
Repricing Schedule



Maturity Schedule



Geography



- Loans secured by office properties represented 8% of our total loan portfolio at September 30, 2023.
- Our office portfolio is 40% owner-occupied, 57% non-owner-occupied, and 3% construction. Construction loans represent 43% of loans repricing in 2023. Excluding construction balances, only 13% of our office portfolio reprices through 2025.
- Properties located in suburban markets secure the majority of our office portfolio as only 6% of non-owner occupied office loans are located in downtown core business districts.
- The average loan size in our office portfolio is \$1.3 million, delinquencies are at a de minimis level, and the majority of our loans contain a guaranty.
- Dental and other healthcare loans comprise 15% of our office portfolio.

*Loans with a swap component are displayed as a fixed rate loan if the swap maturity is equal to the maturity of the loan. If the swap matures prior to the loan, the loan is displayed as adjustable with the rate resetting at the time of the swap maturity.

Allowance for Credit Losses (“ACL”)

Allowance for Credit Losses by Loan Segment					
(\$ in thousands)	6/30/2023	Q3 2023 Net (Charge-offs) Recoveries	Reserve Build (Release)	9/30/2023	% of Loans and Leases Outstanding
Commercial	\$100,342	\$444	\$15,946	\$116,732	1.50 %
Lease & Equipment Finance	\$117,130	(\$22,172)	\$21,585	\$116,543	6.74 %
CRE	\$128,954	\$31	\$2,723	\$131,708	0.68 %
Residential/Home Equity	\$68,959	(\$50)	(\$4,552)	\$64,357	0.80 %
Consumer	\$9,045	(\$1,378)	\$1,035	\$8,702	4.51 %
Total	\$424,430 ¹	(\$23,125)	\$36,737	\$438,042 ²	1.18 %
% of loans and leases outstanding	1.15 %			1.18 %	
Remaining Credit Discount on Loans	\$94,113			\$86,415	
Total ACL Including Credit Discount	\$518,543 ¹			\$524,457 ²	
% of loans and leases outstanding	1.40 %			1.41 %	

Footnotes:

1. Total includes \$19.8 million for Reserve for Unfunded Commitments.

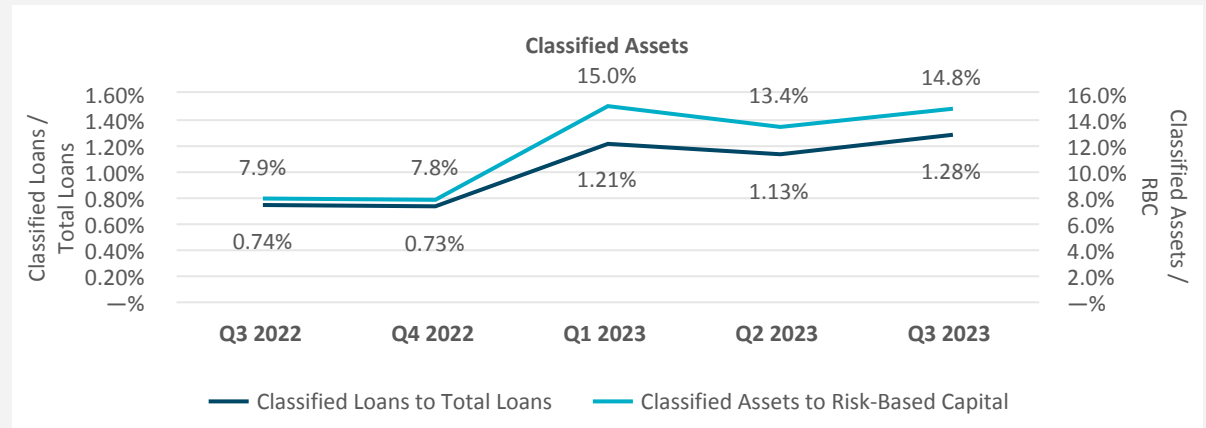
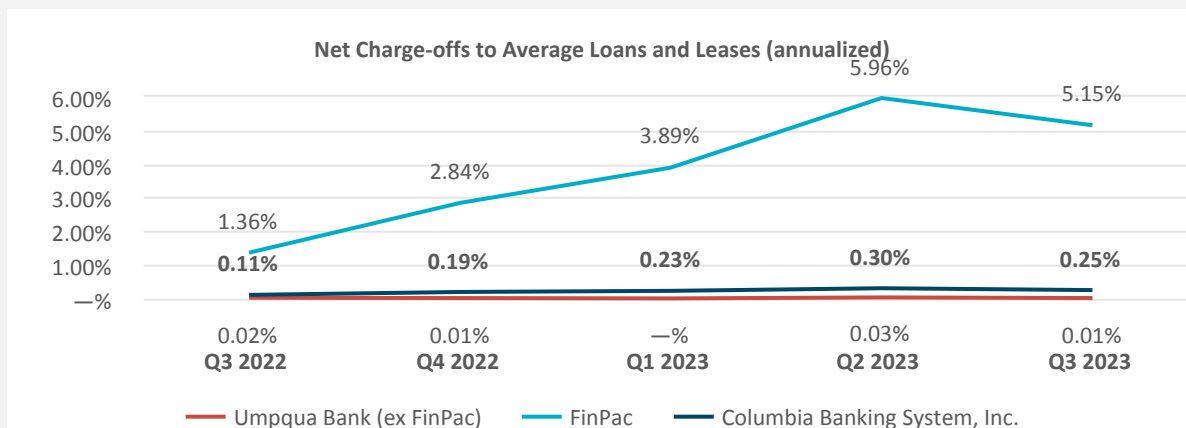
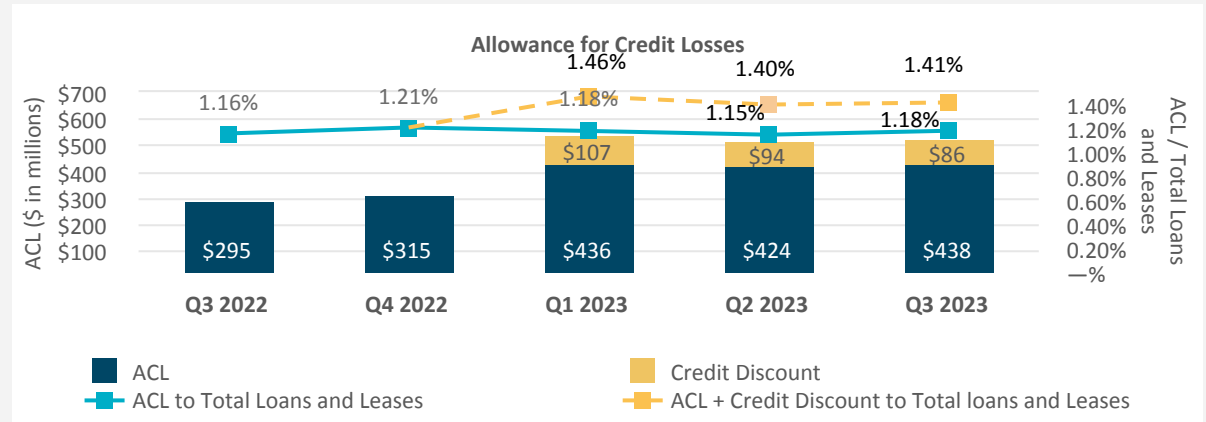
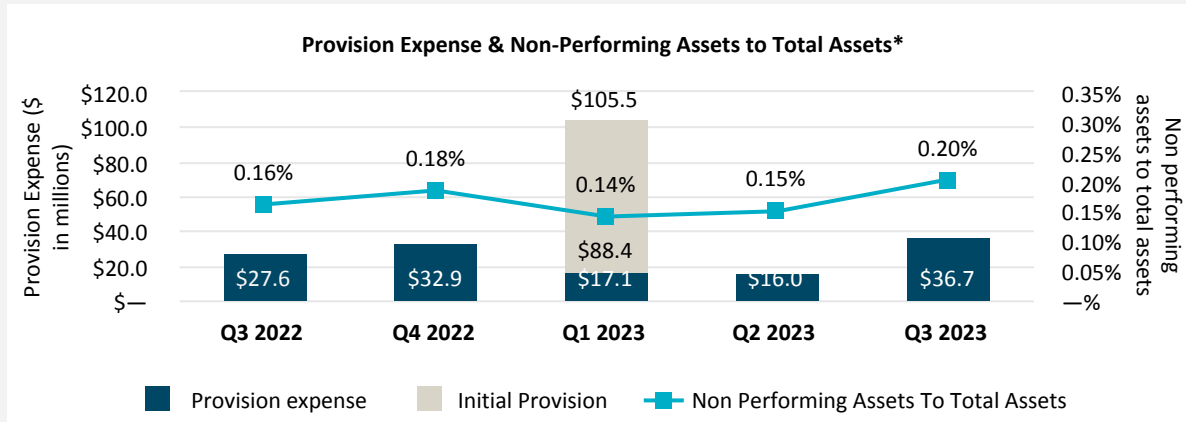
2. Total includes \$21.5 million for Reserve for Unfunded Commitments.

Current Expected Credit Losses (“CECL”) Details

- Provision expense of \$37 million includes \$35 million related to loans and leases and \$2 million related to unfunded commitments.
- The quarter’s provision expense reflects portfolio mix changes and credit migration trends.
- Key components of Moody’s August 2023 baseline economic forecast, which is used to estimate the ACL, include:
 - U.S. real GDP average annualized growth of 2.0% in 2023, 1.3% in 2024, 2.3% in 2025, and 2.8% in 2026.
 - U.S. unemployment rate average of 3.6% in 2023, 4.0% in 2024, 4.2% in 2025, and 4.2% in 2026.
 - The average federal funds rate is expected to be 5.0% in 2023, 5.1% in 2024, 4.2% in 2025, and 3.1% in 2026.

Credit Quality

- If the remaining credit discount on loans of \$86 million at September 30, 2023 is added to the ACL of \$438 million at September 30, 2023, the ACL would increase to 1.41% of loans from the reported 1.18% level.
- The increase in classified asset ratios between December 31, 2022 and March 31, 2023 relates to the addition of the historical Columbia portfolio and related purchase accounting adjustments and their impact on risk-based capital. The metrics are not reflective of any notable change in classified assets.

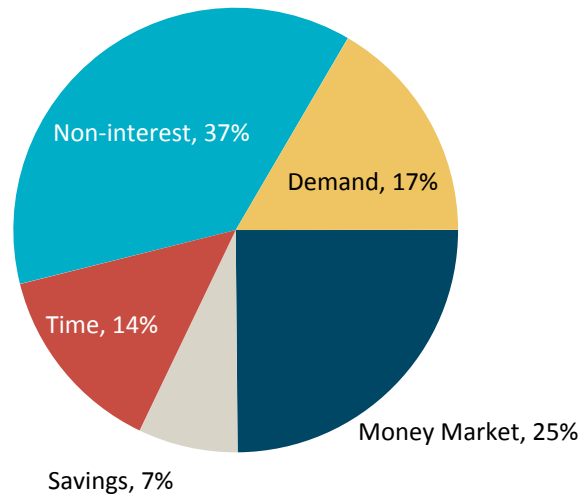


Footnotes:

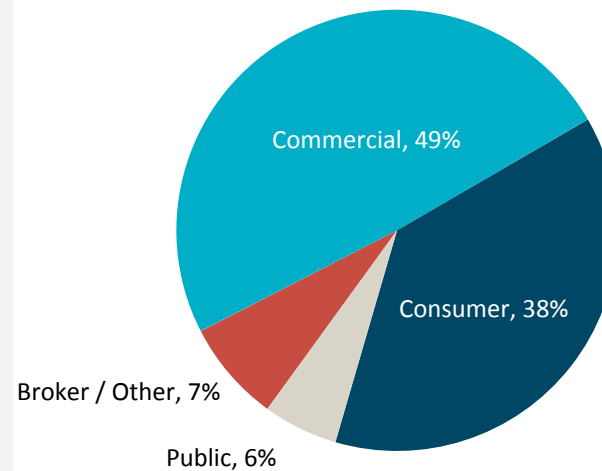
*Q1 2023 provision expense of \$105.5 million includes an initial provision of \$88.4 million related to historical Columbia non-PCD loans.

Our Diversified Commercial Bank Business Model with a Strong Retail Presence Supports our Granular, High-Quality Deposit Base

Deposits by Type



Deposits by Customer Segment



September 30, 2023

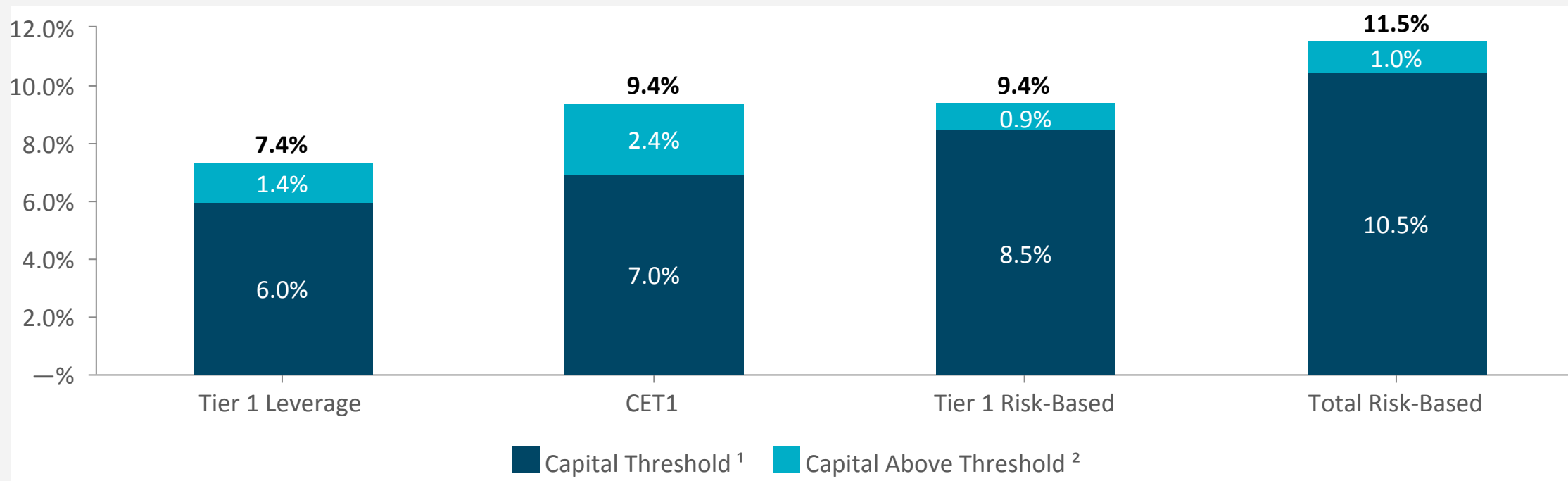
Average consumer account balance	\$19 thousand
Average commercial account balance	\$109 thousand
Average customer account balance ⁽¹⁾	\$35 thousand
Insured Cash Sweep ("ICS") deposits ⁽²⁾	\$3.5 billion
Deposits in Certificate of Deposit Account Registry Service ("CDARS") deposits	\$510 million
Uninsured deposits as a % of total deposits	32%

- Deposits were \$42 billion at September 30, 2023 and represented by a largely granular base that is diversified by business line, industry, and geography.
- Our deposit solutions, like ICS and CDARS, and our ability to collateralize select accounts, provide our customers with flexibility and improve the stability of our deposit base.

(1) Excludes public and brokered deposit balances. This is a non-GAAP financial measure.

(2) Includes Reich & Tang Demand Deposit Marketplace program deposits of \$577 million.

Capital Management



- Declared a quarterly cash dividend of \$0.36 per common share on August 14, 2023, which was paid September 11, 2023.
- We expect the quarterly net impact of purchase accounting to be highly accretive to earnings, as detailed on slides 14 and 19 of this presentation. This outlook supports our view that capital is likely to build rapidly.
- We expect to quickly approach and exceed our long-term total risk-based capital target of 12%, providing for enhanced flexibility to return excess capital to shareholders while continuing to support our expanding franchise. We are already above our long-term CET1 capital target of 9%.

Note: Regulatory capital ratios are estimates pending completion and filing of Columbia's regulatory reports.

(1) Capital Threshold is the greater of Regulatory Well-Capitalized Threshold or Capital Adequacy Threshold + Capital Conservation Buffer.

(2) Capital Above Threshold is the level of capital above Columbia's Regulatory Minimum, which is equivalent to the Capital Threshold.

APPENDIX

*Income Statement Component Details Comparisons
and Other Non-GAAP Reconciliation*

Income Statement Component Details: GAAP Income

(\$ in thousands, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Interest income	\$696,013	\$675,729	\$475,951	\$352,247	\$303,528
Interest expense	215,138	191,754	101,253	46,768	15,924
Net interest income	480,875	483,975	374,698	305,479	287,604
Provision for credit losses	36,737	16,014	105,539	32,948	27,572
Net interest income after provision	444,138	467,961	269,159	272,531	260,032
Non-interest income	43,981	39,678	54,735	34,879	29,445
Non-interest expense	304,147	328,559	342,818	194,982	177,964
Income before provision for income taxes	183,972	179,080	(18,924)	112,428	111,513
Provision for income taxes	48,127	45,703	(4,886)	29,464	27,473
Net income	\$135,845	\$133,377	(\$14,038)	\$82,964	\$84,040
Revenue	\$524,856	\$523,653	\$429,433	\$340,358	\$317,049
Pre-provision net revenue ⁽¹⁾	\$220,709	\$195,094	\$86,615	\$145,376	\$139,085
Net interest margin ⁽²⁾	3.91 %	3.93 %	4.08 %	4.01 %	3.88 %
Efficiency ratio ⁽²⁾	57.82 %	62.60 %	79.71 %	57.24 %	56.07 %
PPNR return on assets ⁽¹⁾	1.65 %	1.46 %	0.89 %	1.82 %	1.80 %
Return on assets	1.02 %	1.00 %	(0.14)%	1.04 %	1.09 %
Return on equity	11.07 %	10.84 %	(1.70)%	13.50 %	12.99 %
Return on tangible common equity ⁽¹⁾	16.93 %	16.63 %	(2.09)%	13.53 %	13.02 %
Earnings per share, diluted ⁽³⁾	\$0.65	\$0.64	(\$0.09)	\$0.64	\$0.65

Notable Items

- Q1 2023 results include only one month of the combined company's operations and a related initial provision of \$88 million.
- Non-interest expense includes significant merger-related expense throughout the periods presented. These expenses are detailed on slide 34.

Footnotes:

(1) Non-GAAP financial measure. A reconciliation to the comparable GAAP measurement is provided at the end of this slide presentation.

(2) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate and is included in the calculation of this ratio.

(3) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

Income Statement Component Details: Impact of Non-Operating Items

(\$ in thousands, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Interest income	\$—	\$—	\$—	\$—	\$—
Interest expense	—	—	—	—	—
Net interest income	—	—	—	—	—
Provision for credit losses	—	—	—	—	—
Net interest income after provision	—	—	—	—	—
Non-interest income	(15,023)	(16,252)	8,074	(8,115)	(22,575)
Non-interest expense	22,955	31,768	117,189	13,603	2,133
Income before provision for income taxes	(37,978)	(48,020)	(109,115)	(21,718)	(24,708)
Provision for income taxes	(9,482)	(11,981)	(23,565)	(5,459)	(6,116)
Net income	(\$28,496)	(\$36,039)	(\$85,550)	(\$16,259)	(\$18,592)
Revenue	(\$15,023)	(\$16,252)	\$8,074	(\$8,115)	(\$22,575)
Pre-provision net revenue	(\$37,978)	(\$48,020)	(\$109,115)	(\$21,718)	(\$24,708)
Net interest margin	NA	NA	NA	NA	NA
Efficiency ratio	5.85 %	7.75 %	26.25 %	5.23 %	4.35 %
PPNR return on assets	(0.29)%	(0.36)%	(1.12)%	(0.28)%	(0.32)%
Return on assets	(0.21)%	(0.27)%	(0.88)%	(0.20)%	(0.24)%
Return on equity	(2.33)%	(2.93)%	(10.36)%	(2.64)%	(2.87)%
Return on tangible common equity	(3.55)%	(4.50)%	(12.73)%	(2.65)%	(2.88)%
Earnings per share, diluted ⁽¹⁾	(\$0.14)	(\$0.17)	(\$0.55)	(\$0.12)	(\$0.14)

Notable Items

- This table represents items that are excluded from GAAP to calculate operating metrics. They reconcile operating income and ratios on slide 30 to GAAP income and ratios on slide 28. All non-GAAP financial measures should be reviewed alongside GAAP financial measures detailed on slide 28.
- Non-operating items in this table include gains and losses due to fair value changes and hedging activity as well as merger-related expense and exit and disposal charges. These items are detailed on slide 34.

Footnotes:

(1) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

Income Statement Component Details: Operating Income (Non-GAAP)

(\$ in thousands, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Interest income	\$696,013	\$675,729	\$475,951	\$352,247	\$303,528
Interest expense	215,138	191,754	101,253	46,768	15,924
Net interest income	480,875	483,975	374,698	305,479	287,604
Provision for credit losses	36,737	16,014	105,539	32,948	27,572
Net interest income after provision	444,138	467,961	269,159	272,531	260,032
Non-interest income	59,004	55,930	46,661	42,994	52,020
Non-interest expense	281,192	296,791	225,629	181,379	175,831
Income before provision for income taxes	221,950	227,100	90,191	134,146	136,221
Provision for income taxes	57,609	57,684	18,679	34,923	33,589
Net income	\$164,341	\$169,416	\$71,512	\$99,223	\$102,632
Revenue	\$539,879	\$539,905	\$421,359	\$348,473	\$339,624
Pre-provision net revenue	\$258,687	\$243,114	\$195,730	\$167,094	\$163,793
Net interest margin ⁽¹⁾	3.91 %	3.93 %	4.08 %	4.01 %	3.88 %
Efficiency ratio ⁽¹⁾	51.97 %	54.85 %	53.46 %	52.01 %	51.72 %
PPNR return on assets	1.94 %	1.82 %	2.01 %	2.10 %	2.12 %
Return on assets	1.23 %	1.27 %	0.74 %	1.24 %	1.33 %
Return on equity	13.40 %	13.77 %	8.66 %	16.14 %	15.86 %
Return on tangible common equity	20.48 %	21.13 %	10.64 %	16.18 %	15.90 %
Earnings per share, diluted ⁽²⁾	\$0.79	\$0.81	\$0.46	\$0.76	\$0.79

Notable Items

- The components of this table represent non-GAAP financial measures, and they should be reviewed alongside the GAAP financial measures on slide 28. Operating income components and ratios reconcile to GAAP income components and ratios by adding back the components detailed on slide 29.

Footnotes:

(1) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate and is included in the calculation of this ratio.

(2) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

Income Statement Component Details: Impact of Merger-Related Items

(\$ in thousands, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Interest income	\$76,840	\$74,723	\$31,895	\$387	\$789
Interest expense	(430)	(337)	(150)	(57)	(57)
Net interest income	77,270	75,060	32,045	444	846
Provision for credit losses	—	—	88,427	—	—
Net interest income after provision	77,270	75,060	(56,382)	444	846
Non-interest income	—	—	—	—	—
Non-interest expense	29,879	35,553	12,660	1,019	1,025
Income before provision for income taxes	47,391	39,507	(69,042)	(575)	(179)
Provision for income taxes	11,848	9,877	(17,261)	(144)	(45)
Net income	\$35,543	\$29,630	(\$51,781)	(\$431)	(\$134)
Revenue	\$77,270	\$75,060	\$32,045	\$444	\$846
Pre-provision net revenue	\$47,391	\$39,507	\$19,385	(\$575)	(\$179)
Net interest margin	0.63 %	0.61 %	0.35 %	— %	0.01 %
Efficiency ratio	(2.22)%	(1.21)%	(1.15)%	0.23 %	0.17 %
PPNR return on assets	0.36 %	0.29 %	0.20 %	— %	— %
Return on assets	0.27 %	0.22 %	(0.53)%	(0.01)%	— %
Return on equity	2.90 %	2.41 %	(6.27)%	(0.07)%	(0.02)%
Return on tangible common equity	4.43 %	3.70 %	(7.70)%	(0.07)%	(0.02)%
Earnings per share, diluted ⁽¹⁾	\$0.17	\$0.14	(\$0.33)	(\$0.01)	\$—

Notable Items

- This table represents merger-related items that are excluded from operating income components to calculate adjusted operating income components. They reconcile adjusted operating income and ratios on slide 32 to operating income and ratios on slide 30. All non-GAAP financial measures should be reviewed alongside GAAP financial measures detailed on slide 28.
- Merger-related items include purchase accounting accretion and amortization (“PAA”) captured in interest income and interest expense and CDI amortization captured in non-interest expense. PAA items are detailed on slide 33.
- Merger-related items in 2022 reflect PAA and CDI amortization related to UHC’s 2014 acquisition of Sterling Financial Corporation.

Footnotes:

(1) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

Income Statement Component Details: Adjusted Operating Income (Non-GAAP)

(\$ in thousands, except per-share data)	For the Quarter Ended				
	Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Interest income	\$619,173	\$601,006	\$444,056	\$351,860	\$302,739
Interest expense	215,568	192,091	101,403	46,825	15,981
Net interest income	403,605	408,915	342,653	305,035	286,758
Provision for credit losses	36,737	16,014	17,112	32,948	27,572
Net interest income after provision	366,868	392,901	325,541	272,087	259,186
Non-interest income	59,004	55,930	46,661	42,994	52,020
Non-interest expense	251,313	261,238	212,969	180,360	174,806
Income before provision for income taxes	174,559	187,593	159,233	134,721	136,400
Provision for income taxes	45,761	47,807	35,940	35,067	33,634
Net income	\$128,798	\$139,786	\$123,293	\$99,654	\$102,766
Revenue	\$462,609	\$464,845	\$389,314	\$348,029	\$338,778
Pre-provision net revenue	\$211,296	\$203,607	\$176,345	\$167,669	\$163,972
Net interest margin ⁽¹⁾	3.28 %	3.32 %	3.73 %	4.01 %	3.87 %
Efficiency ratio ⁽¹⁾	54.19 %	56.06 %	54.61 %	51.78 %	51.55 %
PPNR return on assets	1.58 %	1.53 %	1.81 %	2.10 %	2.12 %
Return on assets	0.96 %	1.05 %	1.27 %	1.25 %	1.33 %
Return on equity	10.50 %	11.36 %	14.93 %	16.21 %	15.88 %
Return on tangible common equity	16.05 %	17.43 %	18.34 %	16.25 %	15.92 %
Earnings per share, diluted ⁽²⁾	\$0.62	\$0.67	\$0.79	\$0.77	\$0.79

Notable Items

- The components of this table represent non-GAAP financial measures, and they should be reviewed alongside the GAAP financial measures on slide 28. Adjusted operating income components and ratios reconcile to operating income components and ratios detailed on slide 30 by adding back the components detailed on slide 31.

Footnotes:

(1) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate and is included in the calculation of this ratio.

(2) Periods prior to February 28, 2023, have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

Non-GAAP Reconciliation: Tangible Capital and Net Interest Income & Margin

(\$ in thousands, except per-share data)		Sep 30, 2023	Jun 30, 2023	Mar 31, 2023	Dec 31, 2022	Sep 30, 2022
Total shareholders' equity	a	\$4,632,162	\$4,828,188	\$4,884,723	\$2,479,826	\$2,417,514
Less: Goodwill		1,029,234	1,029,234	1,030,142	—	—
Less: Other intangible assets, net		636,883	666,762	702,315	4,745	5,764
Tangible common shareholders' equity	b	2,966,045	3,132,192	3,152,266	2,475,081	2,411,750
Total assets	c	\$51,989,593	\$53,592,096	\$53,994,226	\$31,848,639	\$31,471,960
Less: Goodwill		1,029,234	1,029,234	1,030,142	—	—
Less: Other intangible assets, net		636,883	666,762	702,315	4,745	5,764
Tangible assets	d	\$50,323,476	\$51,896,100	\$52,261,769	\$31,843,894	\$31,466,196
Common shares outstanding at period end ⁽¹⁾	e	208,575	208,514	208,429	129,321	129,320
Total shareholders' equity to total assets ratio	a / c	8.91 %	9.01 %	9.05 %	7.79 %	7.68 %
Tangible common equity ratio	b / d	5.89 %	6.04 %	6.03 %	7.77 %	7.66 %
Book value per common share ⁽¹⁾	a / e	\$22.21	\$23.16	\$23.44	\$19.18	\$18.69
Tangible book value per common share ⁽¹⁾	b / e	\$14.22	\$15.02	\$15.12	\$19.14	\$18.65

		For the Quarter Ended				
(\$ in thousands)		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Net interest income	a	\$482,031	\$485,168	\$375,369	\$305,762	\$287,933
Less: Acquired loan accretion - credit related ⁽²⁾	b	6,370	7,100	3,806	—	—
Net Interest Income, excluding credit PAA ⁽²⁾	c	475,661	478,068	371,563	305,762	287,933
Less: Acquired loan, securities, and interest-bearing liabilities accretion - rate related ⁽²⁾	d	70,900	67,960	28,239	444	846
Adjusted net interest income	e	\$404,761	\$410,108	\$343,324	\$305,318	\$287,087
Average interest-earning assets	f	\$48,981,105	\$49,442,518	\$37,055,705	\$30,305,129	\$29,437,103
Net interest margin ⁽³⁾	a / f	3.91 %	3.93 %	4.08 %	4.01 %	3.88 %
Less: Acquired loan accretion - credit related ⁽²⁾	b / f	0.05 %	0.06 %	0.04 %	— %	— %
Net Interest margin, excluding credit PAA ^{(2), (3)}	c / f	3.86 %	3.87 %	4.04 %	4.01 %	3.88 %
Less: Acquired loan, securities, and interest-bearing liabilities accretion - rate related ⁽²⁾	d / f	0.58 %	0.55 %	0.31 %	— %	0.01 %
Adjusted net interest margin ⁽³⁾	e / f	3.28 %	3.32 %	3.73 %	4.01 %	3.87 %

Footnotes:

(1) Prior periods have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

(2) The cumulative fair value discount on historical Columbia loans was established as of February 28, 2023, and the allocation between the credit-related discount and the rate-related discount was established at that time. Our disclosure of credit-related and rate-related discount accretion is an estimate based on the relative allocation of these two items to the discount at closing.

(3) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate.

Non-GAAP Reconciliation

(\$ in thousands)		For the Quarter Ended				
		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Net interest income	c	\$ 480,875	\$ 483,975	\$ 374,698	\$ 305,479	\$ 287,604
Non-interest income (GAAP)	d	\$ 43,981	\$ 39,678	\$ 54,735	\$ 34,879	\$ 29,445
Less: non-interest income adjustments	a	15,023	16,252	(8,074)	8,115	22,575
Operating non-interest income (non-GAAP)	e	\$ 59,004	\$ 55,930	\$ 46,661	\$ 42,994	\$ 52,020
Revenue (GAAP)	f	\$ 524,856	\$ 523,653	\$ 429,433	\$ 340,358	\$ 317,049
Operating revenue (non-GAAP)	g	\$ 539,879	\$ 539,905	\$ 421,359	\$ 348,473	\$ 339,624
Non-interest expense (GAAP)	h	\$ 304,147	\$ 328,559	\$ 342,818	\$ 194,982	\$ 177,964
Less: non-interest expense adjustments	b	(22,955)	(31,768)	(117,189)	(13,603)	(2,133)
Operating non-interest expense (non-GAAP)	i	\$ 281,192	\$ 296,791	\$ 225,629	\$ 181,379	\$ 175,831
Net (loss) income (GAAP)	j	\$ 135,845	\$ 133,377	\$ (14,038)	\$ 82,964	\$ 84,040
(Benefit) provision for income taxes		48,127	45,703	(4,886)	29,464	27,473
(Loss) income before provision for income taxes		183,972	179,080	(18,924)	112,428	111,513
Provision for credit losses		36,737	16,014	105,539	32,948	27,572
Pre-provision net revenue (PPNR) (non-GAAP)	k	220,709	195,094	86,615	145,376	139,085
Less: Non-interest income adjustments	a	15,023	16,252	(8,074)	8,115	22,575
Add: Non-interest expense adjustments	b	22,955	31,768	117,189	13,603	2,133
Operating PPNR (non-GAAP)	l	\$ 258,687	\$ 243,114	\$ 195,730	\$ 167,094	\$ 163,793
Net income (GAAP)	j	\$ 135,845	\$ 133,377	\$ (14,038)	\$ 82,964	\$ 84,040
Less: Non-interest income adjustments	a	15,023	16,252	(8,074)	8,115	22,575
Add: Non-interest expense adjustments	b	22,955	31,768	117,189	13,603	2,133
Tax effect of adjustments		(9,482)	(11,981)	(23,565)	(5,459)	(6,116)
Operating net income (non-GAAP)	m	\$ 164,341	\$ 169,416	\$ 71,512	\$ 99,223	\$ 102,632

(\$ in thousands)		For the Quarter Ended				
		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Non-Interest Income Adjustments						
Gain on sale of debt securities, net		\$ 4	\$ —	\$ —	\$ —	\$ —
Loss (gain) on equity securities, net		(2,055)	(697)	2,416	284	(2,647)
Gain (loss) on swap derivatives		5,700	1,288	(3,543)	(2,329)	4,194
Change in fair value of certain loans held for investment		(19,247)	(6,965)	9,488	4,192	(26,397)
Change in fair value of MSR due to valuation inputs or assumptions		5,308	(2,242)	(2,937)	(9,914)	16,403
MSR hedge gain (loss)		(4,733)	(7,636)	2,650	(348)	(14,128)
Total non-interest income adjustments	a	\$ (15,023)	\$ (16,252)	\$ 8,074	\$ (8,115)	\$ (22,575)
Non-Interest Expense Adjustments						
Merger related expense		\$ 18,938	\$ 29,649	\$ 115,898	\$ 11,637	\$ 769
Exit and disposal costs		4,017	2,119	1,291	1,966	1,364
Total non-interest expense adjustments	b	\$ 22,955	\$ 31,768	\$ 117,189	\$ 13,603	\$ 2,133

Non-GAAP Reconciliation (cont.)

(\$ in thousands, except per-share data)		For the Quarter Ended					
		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022	
Select Per-Share & Performance Metrics							
Earnings-per-share - basic ⁽¹⁾	j/r	\$ 0.65	\$ 0.64	\$ (0.09)	\$ 0.64	\$ 0.65	
Earnings-per-share - diluted ⁽¹⁾	j/s	\$ 0.65	\$ 0.64	\$ (0.09)	\$ 0.64	\$ 0.65	
Efficiency ratio ⁽²⁾	h/f	57.82 %	62.60 %	79.71 %	57.24 %	56.07 %	
Return on average assets	j/n	1.02 %	1.00 %	(0.14)%	1.04 %	1.09 %	
Return on average tangible assets	j/o	1.05 %	1.03 %	(0.15)%	1.04 %	1.09 %	
PPNR return on average assets	k/n	1.65 %	1.46 %	0.89 %	1.82 %	1.80 %	
Return on average common equity	j/p	11.07 %	10.84 %	(1.70)%	13.50 %	12.99 %	
Return on average tangible common equity	j/q	16.93 %	16.63 %	(2.09)%	13.53 %	13.02 %	
Operating Per-Share & Performance Metrics							
Operating earnings-per-share - basic ⁽¹⁾	m/r	\$ 0.79	\$ 0.81	\$ 0.46	\$ 0.77	\$ 0.79	
Operating earnings-per-share - diluted ⁽¹⁾	m/s	\$ 0.79	\$ 0.81	\$ 0.46	\$ 0.76	\$ 0.79	
Operating efficiency ratio ⁽²⁾	i/g	51.97 %	54.85 %	53.46 %	52.01 %	51.72 %	
Operating return on average assets	m/n	1.23 %	1.27 %	0.74 %	1.24 %	1.33 %	
Operating return on average tangible assets	m/o	1.27 %	1.31 %	0.75 %	1.24 %	1.33 %	
Operating PPNR return on average assets	l/n	1.94 %	1.82 %	2.01 %	2.10 %	2.12 %	
Operating return on average common equity	m/p	13.40 %	13.77 %	8.66 %	16.14 %	15.86 %	
Operating return on average tangible common equity	m/q	20.48 %	21.13 %	10.64 %	16.18 %	15.90 %	

(\$ in thousands)		For the Quarter Ended				
		Q3 2023	Q2 2023	Q1 2023	Q4 2022	Q3 2022
Average Assets	n	\$ 53,011,361	\$ 53,540,574	\$ 39,425,975	\$ 31,637,490	\$ 30,668,177
Less: Average goodwill and other intangible assets, net		1,684,093	1,718,705	623,042	5,298	6,343
Average tangible assets	o	\$ 51,327,268	\$ 51,821,869	\$ 38,802,933	\$ 31,632,192	\$ 30,661,834
Average common shareholders' equity	p	\$ 4,866,975	\$ 4,935,239	\$ 3,349,761	\$ 2,438,639	\$ 2,567,266
Less: Average goodwill and other intangible assets, net		1,684,093	1,718,705	623,042	5,298	6,343
Average tangible common equity	q	\$ 3,182,882	\$ 3,216,534	\$ 2,726,719	\$ 2,433,341	\$ 2,560,923
Weighted average basic shares outstanding ⁽¹⁾	r	208,070	207,977	156,383	129,321	129,319
Weighted average diluted shares outstanding ⁽¹⁾	s	208,645	208,545	156,383	129,801	129,733

Footnotes:

(1) Prior periods have been restated as a result of the adjustment to common shares outstanding based on the exchange ratio from the UHC merger of 0.5958.

(2) Tax exempt interest has been adjusted to a taxable equivalent basis using a 21% tax rate and added to stated revenue for this calculation.

