

## **US Mid-cap Banks**

## 4Q23 Review: ASB, BPOP & FHB

Price Objective Change

## ASB: Believe skepticism of NII outlook exaggerated

ASB's stock price reaction the day after the bank reported results suggests some investor skepticism surrounding mgmt.'s NII outlook. On one hand, the residual benefit from its b/s repositioning (+11bp in 1Q) should more than offset the impact of rate cuts. On the other, one could make the case that mgmt.'s reverse deposit beta assumptions (45-55% in 2024) are aggressive. Consistent with peers, ASB needed to revise higher its beta assumptions over the course of 2023. While we appreciate the difficulty in forecasting deposit pricing trends, we believe the events in early-2023 may likely cause deposit costs to remain relatively sticky. We forecast reverse deposit beta of 33% in 2024, implying NII growth of +1.4% YoY vs. mgmt.'s +2-4% guide.

Expense control has remained an encouraging sign. The growth outlook for 2024 was revised lower to +2-3% YoY, down from +3-4% when mgmt. presented their strategic update in early-Nov. Mgmt. is reinvesting expense savings into targeted investments, such as RMs (intended to maintain loan/deposit growth into 2025). Meanwhile, intense focus on specific measurements gives mgmt. confidence they can execute on its expense plan. It is worth noting mgmt. had revised lower its expense growth over the course of 2023 as the revenue backdrop softened. We are raising our 2024e EPS by 3% to \$2.16. Reiterate Neutral rating and \$23 PO.

## **BPOP: Better NII growth offsets normalizing credit trends**

BPOP reported core 4Q23 EPS of \$1.90, better than our/cons. \$1.69/1.70 est. Stronger PPNR growth and a lower tax rate were partially offset by higher credit costs. More importantly, the mid-point of mgmt.'s 2024 PPNR outlook implies upward revisions to cons. est. We are raising our 2024e EPS by 15% to \$8.54 – despite a ~60% increase in credit costs – primarily due to higher NII growth assumptions. Expectations for NII to increase 9%-13% in 2024 is among the highest within our mid-cap coverage. Although mgmt. is only assuming 2 rate cuts in its outlook, additional rate actions should not have a material impact on NII (as illustrated by our NIM defensibility heatmap, see Exhibit 2). That said, expectations for EOP public deposits to remain elevated throughout 2024 is the primary reason why our NII forecast is at the low-end of mgmt.'s range.

Credit trends are continuing to normalize. For example, consumer delinquencies and NCOs are near or exceeding pre-pandemic levels as of 4Q. We note, the mid-point of mgmt.'s NCO outlook is consistent with the low-end of their historical TTC range. That said, mgmt. has made changes to underwriting criteria to decrease exposure to higher risk segments. Coupled with the more favorable outlook, and the economic backdrop in Puerto Rico more stable, this should help mitigate payment defaults and loan losses, in our view. At 10x our revised 2024e, we see further multiple expansion as limited. Reiterate Neutral rating, raising our PO to \$97 driven by our revised estimates.

## FHB: Consensus 2024e EPS likely intact

Continued on page 2.

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Objective Basis/Risk on page 6. 12651821

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Equity **United States** Banks

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## Acronyms:

**EOP**: end of period

**KRX**: KBW Regional Banking Index

**NCOs**: net charge-offs NII: net interest income NIM: net interest margin

**PPNR**: pre-provision net revenue

RMs: relationship managers

## Tickers mentioned:

**ASB**: Associated Banc-Corp

**BPOP**: Popular Inc

**FHB**: First Hawaiian Inc

## **Exhibit 1: Summary of changes**

New vs. old EPS est., price objectives

	2024	ΕE	PS	PO				
	New		Old	New	Old			
ASB	\$ 2.16	\$	2.12		\$ 23.00			
BPOP	8.54		7.45	97.00	85.00			
FHB	1 73		1 73		20.00			

Source: BofA Global Research

## FHB: Consensus 2024e EPS likely intact

Shares of FHB outperformed KRX by 240bp on Fri. following 4Q23 results, likely due to its YTD underperformance. FHB reported core 4Q23 EPS of \$0.46, better than our/cons. \$0.45/0.44 est. Relative to us, lower credit costs drove the beat while higher fees were offset by lower NII. Meanwhile, mgmt.'s outlook implies cons. 2024e EPS should remain largely intact. The benefit to NIM from the security sale is expected to neutralize the impact of rate cuts and offset the higher expense run-rate. No change to our 2024 EPS est. of \$1.73 nor our \$20 PO. At 13x our 2024e, a 20% premium vs. mid-cap peers, we see better relative risk/reward elsewhere in the group. Maintain Underperform rating.

Balance sheet actions (i.e., use of securities cash flows to pay down high-cost funding and/or fund loan growth), coupled with +300bp spread benefit on \$1.5bn of fixed-rate assets, expected to provide the NIM with support in the face of lower rates. We forecast FY2024 NIM of 2.88%, implying 1% decrease in NII. On the other hand, FY2024 expenses of \$500mn was higher than expected. Use of cost savings to fund investments in the franchise should help to maintain a relatively consistent quarterly run-rate in 2024 and allow for the pace of expense growth to return to within the natural +2-3% expense range going forward.

**Exhibit 2: NIM defensibility heatmap** 

Shading denotes relative strength/weakness to mitigate lower interest rates

(as % of avg. earning assets)	ASB	ВОН	ВРОР	CBSH	CFR	CMA	EWBC	FBP	FHB	FHN	FNB	NYCB	PB	SNV	TCBI	WAL	WBS	ZION
Cash \$	2%	2%	9%	6%	16%	9%	7%	5%	4%	4%	3%	6%	1%	1%	14%	5%	3%	4%
Annual securities \$ cash flows	5%	3%	6%	8%	2%	2%	2%	5%	3%	1%	2%		6%	2%	1%	3%	2%	4%
Duration (years)	6.1	3.9	2.2	3.9	5.7	5.6	5.1	3.6	5.5	5.3	4.4	7.1	4.5	5.4	4.4	5.5	4.5	3.5
Yield on securities (3Q23)	3.03%	2.46%	2.33%	2.33%	3.24%	2.10%	3.11%	1.59%	2.14%	3.01%	2.61%	4.30%	2.05%	2.29%	2.33%	4.91%	3.39%	2.73%
Fixed rate \$ loans	39%	38%	26%	23%	17%	33%	17%	42%	35%	27%	31%	37%	25%	29%	4%	33%	30%	15%
Consensus loan growth forecast	3%	2%	7%	4%	7%	4%	5%	6%	3%	3%	5%	2%	7%	2%	10%	5%	6%	0%
Loan beta (CTD)	60%	22%	19%	46%	57%	59%	56%	26%	37%	52%	44%	46%	25%	48%	68%	55%	53%	40%
Loan/deposit ratio	94%	67%	54%	68%	45%	80%	92%	73%	67%	92%	93%	102%	78%	87%	86%	91%	83%	75%
Noninterest bearing deposits \$	17%	25%	22%	25%	32%	37%	25%	28%	36%	23%	27%	23%	29%	23%	32%	28%	17%	33%
Brokered \$ CDs + index-linked deposits	9%	10%	1%	4%	0%	6%	3%	2%	11%	5%	2%	8%	0%	11%	5%	10%	12%	10%
CD \$ maturity schedule	1%	3%	4%	1%	1%	0%	0%	5%	6%	0%	2%	16%		3%	4%	13%	6%	0%
Short term \$ borrowings	8%	1%	0%	9%	0%	6%	7%	0%	2%	3%	5%	0%	12%	0%	5%	12%	3%	5%
Long term debt to mature in 2024	0%	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	1%	0%	5%	0%	1%	0%	0%

Source: BofA Global Research, company filings (as of 3Q23), Visible Alpha

# **Variance tables**

## Exhibit 3: Associated Banc-Corp (ASB) variance table

New vs. old EPS estimates, assumptions (\$ in millions unless noted)

Return On Assets (%)   0.80   0.83   0.82   1bp   0.80   0.79   1bp   0.86   0.85   1bp	KEY FORECAST VARIABLES:	3Q23	Actual 4Q23	Estimate 4Q23	Variance	New 2024E	Old 2024E	Variance	New 2025E	Old 2025E	Variance
Access   2007   30.274   30.139   0.275   30.516   3.076					-3.63%	30,7	79 31,129	-1.12%	31,814	32,222	-1.26%
Net Interest Magn (%) 271 269 277 8-8bp 279 2.55 Mp 2.83 2.29 3bp  Net Interest Income (FTF) 2591 2580 2661 30.04% 1.0720 1.0613 1.10% 1.1185 1.1100 0.76% 1.00 0.05%	Average Loans	29,885	29,952	30,291	-1.12%	30,0	39 30,844	-2.61%	31,174	31,621	-1.41%
Net Interest Magn (%) 271 269 277 8-8bp 279 2.55 Mp 2.83 2.29 3bp  Net Interest Income (FTF) 2591 2580 2661 30.04% 1.0720 1.0613 1.10% 1.1185 1.1100 0.76% 1.00 0.05%	Average Earning Assets	38,076	38,274	38,139	0.35%	38,5	18 38,600	-0.21%	39,467	39,616	-0.38%
tom Loss Provision         219         210         225         6.48%         835         835         0.00%         680         663         -0.56%           Noninterest Revenues         6.06         6.12         6.42         -0.49%         226.5         2981         -0.06%         229.2         200.8         -0.02%           Final Revenues         3.06         6.00         6.0         0.0         NA         0.0         0.0         0.0         NA         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         <											
Nominteness Revenues	Net Interest Income (FTE)	259.1	258.0	266.1	-3.04%	1,073	3.0 1,061.3	1.10%	1,118.5	1,110.0	0.76%
Securities   10.0   6.0   0.	Loan Loss Provision	21.9	21.0	22.5	-6.48%	83	83.5	0.00%	68.0	68.3	-0.54%
Tot. Revenue 326 328 331 40.71%	Noninterest Revenues				-0.48%			-0.64%	1 1		-0.62%
Salf Expenses	Securities Transactions	(0.0)	6.0	0.0	NA	(	0.0	NA	0.0	0.0	NA
ORCO Express   2.0	Tot. Revenue	326	328	331	-0.71%	1,3:	29 1,319	0.76%	1,378	1,371	0.50%
Other Expenses   748   849   748   1353%   3062   27966   327%   3173   3075   327%   2004   086%   2005   2014   1016%   2025   2024   41956   566%   8655   7974   101%   8275   2024   086%   2025   2024   2026   20	•								1 1	497.7	
Total Expenses   196.2   208.4   195.6   656%   809.5   797.4   101%   827.5   820.4   0.03%	OREO Expenses	2.0	0.6	2.2	-73.69%	4	1.9 6.4	-23.25%	8.7	11.3	-23.25%
Pre-Tack Income (FTE)	Other Expenses	74.8	84.9	74.8	13.53%	306	5.2 296.6	3.22%	312.3	302.5	3.22%
FIET Flake (%)  189  183  200  212pp  200  210  210  210  210  2	Total Expenses	196.2	208.4	195.6	6.56%	805	5.5 797.4	1.01%	827.5	820.4	0.86%
Net Income   832   86.4   85.2   0.25%   337.6   331.2   1.91%   371.0   356.6   1.45%   Available For Common   80.4   83.6   83.3   0mn   326.1   3319.8   6mn   360.9   355.6   5mn   360.9   355.6   350.9   355.6   350.9   355.6   350.9   350.9   355.6   350.9   355.6   350.9   355.6   350.9   350.9   355.6   350.9   355.6   350.9   355.6   350.9   355.6   350.9   350.9   350.0   35	Pre-Tax Income (FTE)	107.5	98.9	112.6	-12.19%	440	).5 438.5	0.44%	482.2	482.1	0.03%
Available For Common 80.4 83.6 83.3 0mn 326.1 319.8 6mn 360.9 355.6 5mn  Op. EARNINGS PER SHARE (F.D.) 50.53 50.55	FTE Tax Rate (%)	18.9	8.3	20.0	-12pp	20	0.0 21.0	-1pp	20.0	21.0	-1pp
Dec   EARNINGS PER SHARE (F.D.)   S0.53   S0.55   S0.56   S2.16   S2.12   2%   S2.39   S2.36   1%	Net Income	83.2	86.4	86.2	0.25%	337	7.6 331.2	1.91%	371.0	365.6	1.45%
SAMP EPS (F.D.)   \$0.53   \$(50.62)   \$0.38   2.62%   \$2.16   \$2.12   2%   \$2.39   \$2.36   \$1%	Available For Common	80.4	83.6	83.3	0mn	326	5.1 319.8	6mn	360.9	355.6	5mn
Book Value Per Share	Op. EARNINGS PER SHARE (F.D.)		\$0.55	\$0.55				2%	\$2.39		
Tanglibe Book Value Per Share  \$1846   \$1877   \$518.75   \$00.02   \$20.55   \$20.49   \$00.06   \$22.51   \$52.24   \$0.09    Dividends Per Share  \$0.21   \$50.22   \$50.25   \$50.00   \$50.90   \$50.00    Average Fully-Diluted Shares  \$1510   \$1510   \$1510   \$1510   \$1510    Tangle Common Equity/Assets (%)  \$20   \$	GAAP EPS (F.D.)	\$0.53	(\$0.62)	\$0.38	-262%	\$2.	16 \$2.12	2%	\$2.39	\$2.36	1%
Doudends Per Share	Book Value Per Share	\$26.06	\$26.35	\$26.34	\$0.01	\$28.	07 \$28.02	\$0.05	\$29.98	\$29.89	\$0.09
Average Fully-Diluted Shares   1510   1510   1510   0mn	Tangible Book Value Per Share	\$18.46	\$18.77	\$18.75	\$0.02	\$20.	55 \$20.49	\$0.06	\$22.51	\$22.42	\$0.09
CAPITAL RATIOS:   CEOP Common Equity/Assets (%)   9.45   9.70   9.58   12bp   10.00   9.98   2bp   10.34   10.33   2bp   13ng. Common Equity/Assets (%)   6.88   7.11   7.02   9bp   7.52   7.50   2bp   7.97   7.95   2bp   7.95   7.	Dividends Per Share	\$0.21	\$0.22	\$0.22	\$0.00	\$0.	90 \$0.90	\$0.00	\$0.95	\$0.95	\$0.00
EOP Common Equity/Assets (%)   9.45   9.70   9.58   12bp   10.00   9.98   2bp   10.34   10.33   2bp   2 man (annum Equity/Massets (%)   6.88   7.11   7.02   9bp   7.52   7.50   2bp   9.94   9.58   9bp   9.95	Average Fully-Diluted Shares	151.0	151.0	151.0	0mn	151	.0 151.0	0mn	151.0	151.0	0mn
Tang Common Equity/Assets (%) 1	CAPITAL RATIOS:										
Tangible Common Equity/RNA (%)  8.32  8.66  8.46  8.46  2.0bp  8.94  9.02  9.bp  9.49  9.58  9.5p  9.22bp  10.10  10.12  9.99  10.20  2.1bp  9.90  10.43  5.53bp  10.14  10.65  5.52bp  PROFITABILITY RATIOS: Retum On Assets (%)  0.80  0.83  0.82  1bp  0.805  7.97  8bp  7.58  7.44  14bp  8.23  8.13  10bp  Retum On Langible Common Equity (%)  11.13  11.92  11.77  11.14  11.80  11.80  1.15  1	EOP Common Equity/Assets (%)	9.45	9.70	9.58	12bp	10.	00 9.98	2bp	10.34	10.33	2bp
Tier 1 Common/RWA (%) 9.54 9.39 9.33 7bp 9.34 9.57 2.4bp 9.59 9.82 2.2bp 10.10 10.12 9.99 10.20 2.1bp 9.90 10.43 5.5bp 10.14 10.65 5.5bp 10.14 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.15 10.14 10.14 10.15 10.14 1	Tang. Common Equity/Assets (%)	6.88	7.11	7.02	9bp	7.	52 7.50	2bp	7.97	7.95	2bp
Tier I/RWA (%)   10.12   9.99   10.20   -21bp   9.90   10.43   -53bp   10.14   10.65   -52bp	Tangible Common Equity/RWA (%)	8.32	8.66	8.46	20bp	8.	94 9.02	-9bp	9.49	9.58	-9bp
PROFITABILITY RATIOS:   Return On Assets (%)   0.80   0.83   0.82   1bp   0.80   0.79   1bp   0.86   0.85   1bp   Return On Common Equity (%)   7.72   8.05   7.97   8bp   7.58   7.44   14bp   8.23   8.13   10bp   8.25   1.00	Tier 1 Common/RWA (%)	9.54	9.39	9.33	7bp	9.:	34 9.57	-24bp	9.59	9.82	-23bp
Return On Assets (%)   0.80   0.83   0.82   1bp   0.80   0.79   1bp   0.86   0.85   1bp   Return On Common Equity (%)   7.72   8.05   7.97   8bp   7.58   7.44   14bp   8.23   8.13   10bp   Return On Tangible Common Equity (%)   11.43   11.92   11.77   15bp   11.00   10.79   21bp   11.80   11.68   12bp   12bp   12bp   11.80   11.68   12bp   1	Tier 1/RWA (%)	10.12	9.99	10.20	-21bp	9.	90 10.43	-53bp	10.14	10.65	-52bp
Return On Common Equity (%)         7.72         8.05         7.97         8bp         7.58         7.44         14bp         8.23         8.13         10bp           Return On Tangible Common Equity (%)         11.43         11.92         11.77         15bp         11.00         10.79         21bp         11.80         11.68         12bp           Operating Expenses/Revenues (%)         60.25         64.67         59.15         552bp         60.6         60.43         15bp         60.1         59.85         22bp           BALANCE SHEET ITEMS:           EOP Total Deposits         32,123         33,446         32,121         4.12%         34,187         32,611         4.83%         34,673         32,876         5.47%           EOP Total Deposits         32,002         32,192         32,122         0.22%         34,045         32,619         43.7%         34,430         32,745         5.47%           EOP Total Assets         41,637         41,016         41,488         -1.14%         42,416         42,383         0.08%         43,774         43,696         0.18%           EOP Fequity         194         194         0.00         4,434         4,240         0.23%         4,722         4,707	PROFITABILITY RATIOS:										
Return On Tangible Common Equity (%)         11.43         11.92         11.77         15bp 552bp         11.00         10.79         21bp 60.1         11.80         11.68         12bp 60.1         59.85         22bp           BALANCE SHEET ITEMS:           EOP Total Deposits         32,123         33,446         32,121         4.12%         34,187         32,611         4.83%         34,673         32,876         5.47%           AVG Total Deposits         32,002         32,192         32,122         0.22%         34,045         32,619         4.37%         34,430         32,743         5.15%           EOP Total Assets         41,637         41,016         41,488         -1.14%         42,416         42,383         0.08%         43,774         43,696         0.18%           EOP Equity         4,128         4,174         4,170         0.10%         4,434         4,424         0.23%         4,722         4,707         0.33%           EOP Freefered Equity         194         194         194         0.00%         194         194         0.00%         194         194         0.00%           EOP Tangible Common Equity         2,786         2,834         2,830         0.14%         3,103         3,033 <td>Return On Assets (%)</td> <td>0.80</td> <td>0.83</td> <td>0.82</td> <td>1bp</td> <td>0.</td> <td>80 0.79</td> <td>1bp</td> <td>0.86</td> <td>0.85</td> <td>1bp</td>	Return On Assets (%)	0.80	0.83	0.82	1bp	0.	80 0.79	1bp	0.86	0.85	1bp
Operating Expenses/Revenues (%)         60.25         64.67         59.15         552bp         60.6         60.43         15bp         60.1         59.85         22bp           BALANCE SHEET ITEMS:         EOP Total Deposits         32,123         33,446         32,121         4.12%         34,187         32,611         4.83%         34,673         32,876         5.47%           AVG Total Deposits         32,002         32,192         32,122         0.22%         34,045         32,619         4.37%         34,430         32,743         5.15%           EOP Total Assets         41,637         41,016         41,488         -1.14%         42,416         42,383         0.09%         43,774         43,696         0.18%           EOP Equity         4,128         4,174         4,170         0.10%         4,434         4,424         0.23%         4,722         4,707         0.33%           EOP Fregret Equity         194         194         1094         1094         194         194         0.00%         194         194         0.00%         4,240         4,230         0.24%         4,528         4,513         0.35%         60.6%         60.6%         60.6%         61         61         61         0.00%         <	Return On Common Equity (%)	7.72	8.05	7.97	8bp	7.	58 7.44	14bp	8.23	8.13	10bp
BALANCE SHEET ITEMS:  EOP Total Deposits 32,123 33,446 32,121 4.12%  AVG Total Deposits 32,002 32,192 32,122 0.22%  EOP Total Deposits 32,002 32,192 32,122 0.22%  EOP Total Assets 41,637 41,016 41,488 -1.14%  EOP Equity 4,128 4,174 4,170 0.10%  EOP Equity 194 194 194 0.00%  EOP Equity 194 194 194 0.00%  EOP Common Equity 3,934 3,980 3,976 0.10%  EOP Tangible Common Equity 2,786 2,834 2,830 0.14%  EOP Total Assets 4,174 4,170 0.10%  EOP Common Equity 3,934 3,980 3,976 0.10%  EOP Tangible Common Equity 4,240 4,230 0.24%  EOP Tangible Common Equity 3,934 3,980 3,976 0.10%  EOP Tangible Common Equity 4,528 4,513 0.35%  EOP Tangible Common Equity 5,035%  EOP Tangible Common Equity 5,035%  EOP Tangible Common Equity 6,035%  EOP Tangible Common Equity 6,035%  EOP Tangible Common Equity 6,00%  EOP Common Equity 6,00%  EOP Common Equity 8,00%  EOP Common Equity 8,00%  EOP Common Equity 9,00%  EOP Common Equity 9,00%  EOP Common Equity 1,00%  EOP Common Equit	Return On Tangible Common Equity (%)	11.43	11.92	11.77	15bp	11.	00 10.79	21bp	11.80	11.68	12bp
EOP Total Deposits   32,123   33,446   32,121   4,12%   34,187   32,611   4,83%   34,673   32,876   5,47%   AVG Total Deposits   32,002   32,192   32,122   0,22%   34,045   32,619   4,37%   34,430   32,743   5,15%   EOP Total Assets   41,637   41,016   41,488   -1,14%   42,416   42,383   0,08%   43,774   43,696   0,18%   EOP Equity   4,128   4,174   4,170   0,10%   4,434   4,424   0,23%   4,722   4,707   0,33%   EOP Tormon Equity   3,934   3,980   3,976   0,10%   4,240   4,230   0,24%   4,528   4,513   0,35%   EOP Tangible Common Equity   2,786   2,834   2,830   0,14%   3,103   3,093   0,33%   3,400   3,385   0,46%   EOP Loans + OREO   0,59   0,55   0,50   5bp   0,63   0,60   3bp   0,63   0,59   4bp   Nonperforming Loans   0,25   0,21   0,26   5,50   5,	Operating Expenses/Revenues (%)	60.25	64.67	59.15	552bp	60	0.6 60.43	15bp	60.1	59.85	22bp
AVG Total Deposits 32,002 32,192 32,122 0.22% 34,045 32,619 4.37% 34,430 32,743 5.15% EOP Total Assets 41,637 41,016 41,488 -1.14% 42,416 42,383 0.08% 43,774 43,696 0.18% EOP Equity 4,128 4,174 4,170 0.10% 4,434 4,424 0.23% 4,722 4,707 0.33% EOP Preferred Equity 194 194 0.00% 194 194 0.00% 194 194 0.00% EOP Common Equity 2,786 2,834 2,830 0.14% 3,103 3,093 0.33% 3,093 0.33% 3,000 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,003 0.33% 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 3,003 0.33% 3,000 0.38% 3,400 3,385 0.46% 2,834 2,830 0.14% 3,103 2	•										
EOP Total Assets 41,637 41,016 41,488 -1.14% 42,416 42,383 0.08% 43,774 43,696 0.18% EOP Equity 4,128 4,174 4,170 0.10% 4,434 4,424 0.23% 4,722 4,707 0.33% EOP Preferred Equity 194 194 0.00% 194 194 194 0.00% 194 194 0.00% 194 194 194 0.00% 194 194 194 0.00% 194 194 194 1.58% 194 194 1.58% 194 194 1.58% 194 194 1.58% 194 194 194 194 194 194 194 194 194 194											
EOP Equity         4,128         4,174         4,170         0.10%         4,434         4,424         0.23%         4,722         4,707         0.33%           EOP Preferred Equity         194         194         194         194         0.00%         194         194         0.00%           EOP Common Equity         3,934         3,980         3,976         0.10%         4,240         4,230         0.24%         4,528         4,513         0.35%           EOP Tangible Common Equity         2,786         2,834         2,830         0.14%         3,103         3,093         0.33%         4,528         4,513         0.35%           EOP Tangible Common Equity         2,786         2,834         2,830         0.14%         3,103         3,093         0.33%         4,528         4,513         0.35%           EOP Tangible Common Equity         2,786         2,834         2,830         0.14%         76         76         0.00%         61         61         0.66%           CERDIT COMALITY INDICATORS:         18         16         20         -21.50%         76         76         76         0.00%         61         61         0.00%         0.66%         0.00%         61         61         0.00	· · · · · · · · · · · · · · · · · · ·										
EOP Preferred Equity         194         194         194         194         194         0.00%         194         194         194         0.00%         194         194         194         0.00%         194         194         194         194         0.00%         194         194         194         0.00%         194         194         194         0.00%         194         194         194         0.00%         4,240         4,230         0.24%         4,528         4,513         0.35%         20.5%         20.00%         3,103         3,093         0.33%         3,400         3,385         0.46%           CREDIT QUALITY INDICATORS:           Net Charge-Offs         18         16         20         -21.50%         76         76         76         0.00%         61         61         61         0.00%         0.46%         0.46%         0.00%         0.00%         0.61         61         60         0.00%         0.00%         0.00%         0.61         61         61         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%         0.00%		· ·				· ·					
EOP Common Equity         3,934         3,980         3,976         0.10%         4,240         4,230         0.24%         4,528         4,513         0.35%           EOP Tangible Common Equity         2,786         2,834         2,830         0.14%         3,103         3,093         0.33%         4,528         4,513         0.35%           CREDIT QUALITY INDICATORS:           Net Charge-Offs         18         16         20         -21.50%         76         76         0.00%         61         61         0.00%           % Average Loans         0.25         0.21         0.26         -5bp         0.25         0.25         1bp         0.20         0.19         0bp           Nonperforming Assets         178         160         152         5.26%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.55         5bp         0.63         0.60         3bp         0.63         0.59         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18% <td></td> <td></td> <td></td> <td></td> <td></td> <td>· ·</td> <td></td> <td></td> <td></td> <td></td> <td></td>						· ·					
CREDIT QUALITY INDICATORS:         2,786         2,834         2,830         0.14%         3,103         3,093         0.33%         3,400         3,385         0.46%           CREDIT QUALITY INDICATORS:           Net Charge-Offs         18         16         20         -21.50%         76         76         0.00%         61         61         61         0.00%           % Average Loans         0.25         0.21         0.26         -5bp         0.25         0.25         1bp         0.20         0.19         0bp           Nonperforming Assets         178         160         152         52.66%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan L	· ·										
CREDIT QUALITY INDICATORS:         I8         16         20         -21.50%         76         76         76         0.00%         61         61         0.00%           % Average Loans         0.25         0.21         0.26         -5bp         0.25         0.25         1bp         0.20         0.19         0bp           Nonperforming Assets         178         160         152         5.26%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15 <td< td=""><td>, ,</td><td>· ·</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	, ,	· ·									
Net Charge-Offs         18         16         20         -21.50%         76         76         0.00%         61         61         0.00%           % Average Loans         0.25         0.21         0.26         -5bp         0.25         0.25         1bp         0.20         0.19         0bp           Nonperforming Assets         178         160         152         5.26%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17		2,700	2,054	2,030	0.1470	3,11		0.5570	3,400	2,203	0.1070
% Average Loans         0.25         0.21         0.26         -5bp         0.25         0.25         1bp         0.20         0.19         0bp           Nonperforming Assets         178         160         152         5.26%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17         1.14         2bp         1.15         1.13         2bp		10	16	20	-21 500%		76 76	0.000%	61	<i>E</i> 1	0.000%
Nonperforming Assets         178         160         152         5.26%         194         185         4.62%         201         190         5.77%           % EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17         1.14         2bp         1.15         1.13         2bp	9								1 1		
% EOP Loans + OREO         0.59         0.55         0.50         5bp         0.63         0.60         3bp         0.63         0.59         4bp           Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17         1.14         2bp         1.15         1.13         2bp	5										
Nonperforming Loans         169         150         145         3.10%         184         178         3.12%         183         177         3.18%           % EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17         1.14         2bp         1.15         1.13         2bp									1 1		
% EOP Loans (excl. OREO)         0.56         0.51         0.48         3bp         0.60         0.57         2bp         0.57         0.55         2bp           Loan Loss Reserve         346         351         348         0.81%         359         356         0.80%         366         363         0.68%           % EOP Loans         1.15         1.20         1.15         6bp         1.17         1.14         2bp         1.15         1.13         2bp									1 1		
Loan Loss Reserve     346     351     348     0.81%     359     356     0.80%     366     363     0.68%       % EOP Loans     1.15     1.20     1.15     6bp     1.17     1.14     2bp     1.15     1.13     2bp											
% EOP Loans 1.15 1.20 1.15 6bp 1.17 1.14 2bp 1.15 1.13 2bp									1 1		
	% Nonperforming Loans	204.35	234.19	239.51	Obp			0bp	199.87	204.83	Obp

**Source:** BofA Global Research estimates, company filings



**Exhibit 4: Popular Inc (BPOP) variance table**New vs. old EPS estimates, assumptions (\$ in millions unless noted)

KEY FORECAST VARIABLES:	3Q23	Actual 4Q23E	Estimate 4Q23E	Variance	New 2024E	Old 2024E	Variance	New 2025E	Old 2025E	Variance
EOP Loans	34,035	35,069	34,419	1.89%	36,696	35,849	2.36%	37,762	36,893	2.36%
Average Loans	33,453	34,448	34,222	0.66%	35,749	35,008	2.12%	37,225	36,366	2.36%
Average Earning Assets	69,175	68,885	65,846	4.62%	68,418	67,504	1.35%	70,425	71,385	-1.35%
Net Interest Margin (%)	3.24	3.26	3.34	-8bp	3.56	3.37	19bp	3.75	3.45	30bp
Net Interest Income (FTE)	563.7	564.8	554.9	1.78%	2,436.9	2,273.3	7.20%	2,639.5	2,463.0	7.17%
Loan Loss Provision	45.1	78.7	47.2	66.57%	284.0	179.8	57.93%	258.3	257.3	0.40%
Noninterest Revenues	157.5	162.8	155.8	4.54%	654.6	628.4	4.18%	659.2	632.7	4.18%
Securities Transactions	(1.3)	2.3	0.0	NA	0.0	0.0	NA	0.0	0.0	NA
Tot. Revenue	720	730	711	2.71%	3,092	2,902	6.54%	3,299	3,096	6.56%
Total Expenses	443.0	459.7	475.0	-3.20%	1,912.2	1,908.4	0.20%	1,980.8	1,976.5	0.22%
Pre-Tax Income (FTE)	231.8	191.6	188.5	1.62%	895.3	813.4	10.07%	1,059.6	862.0	22.93%
FTE Tax Rate (%)	25.5	15.0	23.5	-9рр	21.0	23.5	-3pp	23.5	23.5	Орр
Net Income	150.5	136.8	121.5	12.62%	610.4	531.4	14.87%	716.8	568.6	26.07%
Available For Common	150.1	136.5	121.1	15mn	609.0	530.0	79mn	715.4	567.1	148mn
Op. EARNINGS PER SHARE (F.D.)	\$2.09	\$1.90	\$1.69	12%	\$8.54	\$7.45	15%	\$10.97	\$8.70	26%
GAAP EPS (F.D.)	\$1.90	\$1.31	\$0.92	42%	\$8.54	\$7.45	15%	\$10.97	\$8.70	26%
Book Value Per Share	\$61.49	\$71.03	\$64.00	\$7.03	\$85.93	\$77.40	\$8.53	\$105.11	\$93.25	\$11.86
Tangible Book Value Per Share	\$50.20	\$59.74	\$52.71	\$7.03	\$74.11	\$65.58	\$8.53	\$92.01	\$80.15	\$11.87
Dividends Per Share	\$0.55	\$0.62	\$0.55	\$0.07	\$2.48	\$2.48	\$0.00	\$2.60	\$2.60	\$0.00
Average Fully-Diluted Shares	71.8	71.9	71.6	0mn	71.4	71.2	0mn	65.2	65.2	0mn
CAPITAL RATIOS:										
EOP Common Equity/Assets (%)	6.36	7.24	6.73	51bp	8.08	7.25	84bp	8.72	7.57	115bp
Tang. Common Equity/Assets (%)	5.25	6.16	5.61	55bp	7.05	6.21	84bp	7.72	6.58	114bp
Tangible Common Equity/RWA (%)	10.13	11.89	10.82	107bp	13.61	11.98	162bp	14.90	12.70	220bp
Tier 1 Common/RWA (%)	16.81	16.30	17.17	-87bp	17.80	16.16	164bp	17.27	15.02	225bp
Tier 1/RWA (%)	16.87	18.11	17.23	88bp	17.86	16.22	164bp	17.32	15.07	225bp
PROFITABILITY RATIOS:										
Return On Assets (%)	0.85	0.77	0.69	8bp	0.85	0.75	10bp	0.97	0.76	21bp
Return On Common Equity (%)	9.00	8.04	10.62	-258bp	10.87	10.47	40bp	11.54	10.24	130bp
Return On Tangible Common Equity (%)	10.29	9.15	12.95	-380bp	11.97	11.78	19bp	12.58	11.45	112bp
BALANCE SHEET ITEMS:										
EOP Total Deposits	63,338	63,618	62,392	1.96%	65,273	66,937	-2.48%	65,815	65,428	0.59%
AVG Total Deposits	63,551	63,266	62,865	0.64%	64,764	65,560	-1.21%	65,544	66,182	-0.96%
EOP Total Assets	69,737	70,758	68,595	3.15%	72,977	73,297	-0.44%	74,510	76,114	-2.11%
EOP Equity	4,458	5,147	4,638	10.97%	5,921	5,334	11.01%	6,518	5,783	12.72%
EOP Preferred Equity	22	22	22	0.00%	22	22	0.00%	22	22	0.00%
EOP Common Equity	4,435	5,125	4,616		5,899	5,312	11.06%	6,496	5,761	12.77%
EOP Tangible Common Equity	3,620	4,311	3,802	13.38%	5,088	4,501	13.05%	5,687	4,951	14.85%
CREDIT QUALITY INDICATORS:										
Net Charge-Offs	33	57	39	45.32%	253	179	41.63%	240	240	0.00%
% Average Loans	0.39	0.66	0.45	20bp	0.71	0.51	20bp	0.64	0.66	-2bp
Nonperforming Assets	444	438	458	-4.31%	500	523	-4.31%	521	545	-4.30%
% EOP Loans + OREO	0.64	0.62	0.67	-5bp	1.36	1.45	-9bp	1.38	1.47	-10bp
Loan Loss Reserve % EOP Loans	711	729 2.08	719	1.42%	760 2.07	720	5.56%	779	738 2.00	5.57%
% Nonperforming Loans	2.09 196.69	2.08	2.09 192.18	-1bp 1176bp	185.18	2.01 167.66	6bp 1752bp	2.06	166.68	6bp 1744bp
70 Nonperronning Lodits	190.09	203.93	192.18	1170UP	100.10	107.01	17320p	184.11	80.001	17440p

**Source:** BofA Global Research estimates, company filings



Exhibit 5: First Hawaiian Inc (FHB) variance table
New vs. old EPS estimates, assumptions (\$ in millions unless noted)

KEY FORECAST VARIABLES:	3Q23	Actual 4Q23	Estimate 4Q23E	Variance		New 2024E	Old 2024E	Variance	New 2025E	Old 2025E	Variance
EOP Loans	14,332	14,353	14,241	0.79%		14,772	14,711	0.41%	15,311	15,251	0.39%
Average Loans	14,350	14,350	14,287	0.44%		14,504	14,406	0.68%	15,041	14,981	0.40%
Average Earning Assets	22,061	21,689	22,271	-2.61%		21,925	22,499	-2.55%	22,310	23,139	-3.58%
Net Interest Margin (%)	2.86	2.81	2.76	5bp		2.88	2.80	8bp	3.00	2.85	15bp
Net Interest Income (FTE)	157.1	151.8	155.0	-2.07%		631.4	630.5	0.14%	669.0	659.8	1.41%
Loan Loss Provision	7.5	5.3	6.6	-18.73%		38.1	37.2	2.40%	31.3	31.3	0.00%
Noninterest Revenues	46.1	51.0	47.0	8.32%		197.4	190.5	3.62%	200.0	193.0	3.65%
Securities Transactions	0.0	0.0	0.0	NA		0.0	0.0	NA	0.0	0.0	NA
Tot. Revenue	203	203	202	0.35%		829	821	0.95%	869	853	1.91%
Total Expenses	118.5	118.7	119.0	-0.22%		500.1	492.7	1.49%	517.8	510.2	1.51%
Pre-Tax Income (FTE)	77.2	78.711	76.518	2.87%		290.6	291.0	-0.15%	320.0	311.3	2.77%
FTE Tax Rate (%)	23.8	24.5	24.5	Орр		24.1	24.1	Орр	24.1	24.1	Орр
Net Income	58.9	59.4	57.8	2.88%		220.6	220.9	-0.15%	242.9	236.3	2.78%
Available For Common	58.9	59.4	57.8	2mn		220.6	220.9	0mn	242.9	236.3	7mn
Op. EARNINGS PER SHARE (F.D.)	\$0.46	\$0.46	\$0.45	3%		\$1.73	\$1.73	0%	\$1.90	\$1.85	3%
GAAP EPS (F.D.)	\$0.46	\$0.37	\$0.36	2%	ΙL	\$1.73	\$1.73	0%	\$1.90	\$1.85	3%
Book Value Per Share	\$18.42	\$19.48	\$18.83	\$0.65		\$20.96	\$20.32	\$0.64	\$22.54	\$21.85	\$0.69
Tangible Book Value Per Share	\$10.62	\$11.68	\$11.03	\$0.65		\$13.16	\$12.52	\$0.64	\$14.74	\$14.05	\$0.70
Dividends Per Share	\$0.26	\$0.26	\$0.26	\$0.00		\$13.10	\$1.12	\$0.04	\$1.20	\$1.20	\$0.70
Average Fully-Diluted Shares	127.9	128.0	127.6	30.00 0mn		127.6	127.6	30.00 0mn	127.6	127.6	0mn
Average Fully-Diluted Strates	127.9	120.0	127.0	OHIII		127.0	127.0	OHIII	127.0	127.0	OHIII
CAPITAL RATIOS:	0.44	0.07	0.50	401		10.72	10.00	601	11.25	10.52	021
EOP Common Equity/Assets (%)	9.44	9.97	9.58	40bp		10.72	10.02	69bp	11.35	10.53	82bp
Tang. Common Equity/Assets (%)	5.67	6.23	5.84	39bp		7.01	6.42	59bp	7.73	7.03	69bp
Tier 1 Common/RWA (%)	12.21	12.39	12.34	5bp		12.94	12.07	88bp	13.25	12.24	101bp
PROFITABILITY RATIOS:											
Return On Assets (%)	0.94	0.97	0.92	5bp		0.87	0.87	0bp	0.97	0.90	6bp
Return On Common Equity (%)	9.87	9.93	9.64	29bp		8.55	8.85	-30bp	8.75	8.78	-3bp
Return On Tangible Common Equity (%)	17.02	17.10	16.59	51bp		13.92	14.72	-80bp	13.64	13.94	-30bp
Operating Expenses/Revenues (%)	58.32	58.55	58.88	-33bp		60.34	60.02	32bp	59.59	59.82	-24bp
BALANCE SHEET ITEMS:											
EOP Total Deposits	21,511	21,333	21,573	-1.12%		21,380	22,781	-6.15%	21,578	22,962	-6.03%
EOP Total Assets	24,913	24,926	25,098	-0.68%		24,968	25,874	-3.50%	25,354	26,481	-4.26%
EOP Equity	2,351	2,486	2,403	3.44%		2,675	2,593	3.17%	2,877	2,788	3.19%
EOP Preferred Equity	0	0	0	NA		0	0	NA	0	0	NA
EOP Common Equity	2,351	2,486	2,403	3.44%		2,675	2,593	3.17%	2,877	2,788	3.19%
EOP Tangible Common Equity	1,356	1,491	1,408	5.87%		1,680	1,598	5.15%	1,881	1,793	4.96%
CREDIT QUALITY INDICATORS:						_					
Net Charge-Offs	(0)	6	5	22.60%		23	23	0.00%	25	25	0.00%
% Average Loans	(0.01)	0.16	0.13	3bp		0.16	0.16	0bp	0.17	0.17	0bp
Nonperforming Assets	15	19	14	30.42%		20	15	30.42%	24	18	30.42%
% EOP Loans + OREO	0.10	0.13	0.10	3bp		0.14	0.10	3bp	0.16	0.12	4bp
Nonperforming Loans	15	19	16	13.54%		20	17	13.54%	24	22	13.54%
% EOP Loans (excl. OREO)	0.10	0.13	0.12	1bp		0.13	0.12	2bp	0.16	0.14	2bp
Loan Loss Reserve	155	157	157	-0.08%		171	171	0.45%	178	177	0.44%
% EOP Loans	1.08	1.09	1.10	-1bp		1.16	1.16	0bp	1.16	1.16	0bp
% Nonperforming Loans	1058.57	841.80	956.50	-11470bp		877.23	991.50	-11426bp	727.40	822.28	-9488bp

**Source:** BofA Global Research estimates, company filings



## Price objective basis & risk

## Associated Banc-Corp (ASB)

Our \$23 PO is based on a 50%/50% weighting between our 2024e EPS and 2024e tangible book value (TBV). We assign 12.0x/1.0x multiples respectively, below peer multiples (12.3x/1.1x) due to its below-average EPS growth momentum.

Upside risk: stronger-than-expected balance sheet growth and greater NIM expansion relative to peers. Downside risk: higher-than-expected expense growth, accelerated credit migration, slower balance sheet growth.

## First Hawaiian Inc. (FHB)

Our \$20 PO is based on applying a 50%/50% weighting between our 2024e EPS and 2024e TBV. We assign 12.5x/1.4x multiples respectively, below the bank's 5 year prepandemic median of 14.3x/2.5x given heightened uncertainty surrounding EPS/ROTCE outlooks, owing to the macro backdrop.

Downside risks are 1) FHB's reliance on the Hawaiian economy, with 80% of the franchise spread across Hawaii, Guam, and Saipan, poses downside risk to EPS from a severe economic downturn in this region. 2) While FHB has a history of conservative underwriting, its exposure to auto loans could serve as an overhang if investor concerns around the health of the auto sector and consumer increase. Upside risk to our PO is a quick economic recovery in Hawaii and better-than-expected NIM expansion.

## Popular Inc (BPOP)

We value BPOP's shares using a 50/50 blend of forward price-to-earnings (P/E) and price-to-tangible book value (P/TBV) multiples. We arrive at our \$97 price objective based on the following:

We ascribe an 11.0x multiple on our 2024e EPS. Premium to history (7.6x) reflecting some realization of idiosyncratic growth opportunities not previously available to BPOP (efficiency improvements & credit leverage).

We ascribe a 1.4x P/TBV multiple on our 2024e TBV per share. Premium to history (0.8x) reflects the benefit from undisbursed federal aid to credit performance as well as 2x TBV growth vs. that of peers.

Upside risks: a better-than-expected improvement in the macro environment and credit performance, and larger cost savings

Downside risks: slower-than-expected federal aid disbursement, a deterioration in credit quality and/or increase in expenses

## **Analyst Certification**

I, Brandon Berman, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.



## North America - Banks Coverage Cluster

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Ap As	nnaly Capital Management	NLY	NLY US	Derek Hewett
As	pollo Commercial Real Estate Finance	ARI	ARI US	Derek Hewett
	ssociated Banc-Corp	ASB	ASB US	Brandon Berman
Di	ain Capital Specialty Finance, Inc.	BCSF	BCSF US	Derek Hewett
R:	ank of Nova Scotia	YBNS	BNS CN	Ebrahim H. Poonawala
	ank of Nova Scotia	BNS	BNS US	Ebrahim H. Poonawala
		BXSL	BXSL US	Derek Hewett
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	anadian Imperial Bank of Commerce	YCM	CM CN	Ebrahim H. Poonawala
	itizens Financial Group	CFG	CFG US	Ebrahim H. Poonawala
	omerica Incorporated	CMA	CMA US	Brandon Berman
	ommerce Bancshares Inc.	CBSH	CBSH US	Brandon Berman
	oldman Sachs BDC, Inc.	GSBD	GSBD US	Derek Hewett
	olub Capital BDC, Inc.	GBDC	GBDC US	Derek Hewett
	untington Rancebarge Inc	HBAN	HBAN US	Ebrahim H. Poonawala
	untington Bancshares Inc.	LADR	LADR US	Derek Hewett
P€	adder Capital Corp	PMT	PMT US	Derek Hewett
Po		BPOP	BPOP US	Brandon Berman
Re	adder Capital Corp	RF	RF US	Ebrahim H. Poonawala
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#### **North America - Banks Coverage Cluster**

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	TPG RE Finance Trust, Inc.	TRTX	TRTX US	Derek Hewett
UNDERPERFORM				
	Bank of Hawaii Corp.	ВОН	BOH US	Brandon Berman
	First Hawaiian Inc.	FHB	FHB US	Brandon Berman
	Guild Holdings Company	GHLD	GHLD US	Derek Hewett
	Invesco Mortgage Capital, Inc.	IVR	IVR US	Derek Hewett
	loanDepot Inc	LDI	LDI US	Derek Hewett
	MidCap Financial Investment Co	MFIC	MFIC US	Derek Hewett
	Prosperity Bancshares Inc	PB	PB US	Ebrahim H. Poonawala
	State Street Corporation	STT	STT US	Ebrahim H. Poonawala
	Texas Capital Bancshares Inc.	TCBI	TCBI US	Brandon Berman
	Zions Bancorp	ZION	ZION US	Brandon Berman

## **Disclosures**

## **Important Disclosures**

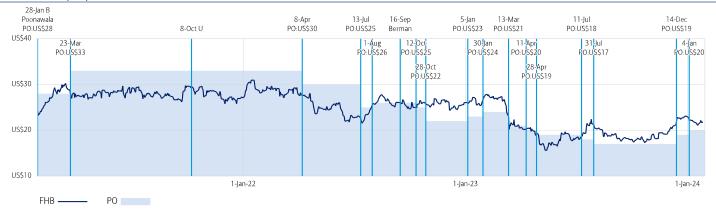
#### Associated Banc (ASB) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading 'Fundamental Equity Opinion Key'. Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

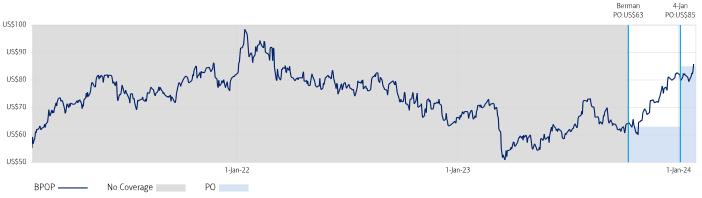
#### First Hawaiian Inc. (FHB) Price Chart



 $B: Buy, N: Neutral, U: Underperform, PO: Price \ Objective, NA: \ No \ longer \ valid, \ NR: \ No \ Rating$ 

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Popular Inc (BPOP) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Banks Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	100	49.75%	Buy	84	84.00%
Hold	54	26.87%	Hold	41	75.93%
Sell	47	23.38%	Sell	35	74.47%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

# Investment rating Buy Neutral $\geq 10\%$ Separation $\geq 10\%$ Suppose $\geq 10\%$ Supp

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Underperform

≥ 20%

10-Oct N

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