## Measuring Performance of Microfinance Institutions: A Framework for Reporting Analysis, and Monitoring Presentation Handouts

TABLE 2.1: SAMPLE INCOME STATEMENT

| Ref. | X-Ref. | Account Name | $\begin{gathered} \text { From } 1 / 1 / 2004 \text { to } \\ 12 / 31 / 2004 \end{gathered}$ | From 1/1/2003 to 12/31/2003 |
| :---: | :---: | :---: | :---: | :---: |
| 11 |  | Financial Revenue | 18,976,898 | 10,521,727 |
| 12 | $C 1^{\text {a }}$ | Financial Revenue from Loan Portfolio | 17,053,668 | 9,302,491 |
| 13 |  | Interest on Loan Portfolio | 13,867,568 | 7,494,464 |
| 14 |  | Fees and Commissions on Loan Portfolio | 3,186,100 | 1,808,027 |
| 15 | $C 2{ }^{\text {a }}$ | Financial Revenue from Investments | 1,597,830 | 1,003,556 |
| 16 | $C 3{ }^{\text {a }}$ | Other Operating Revenue | 325,400 | 215,680 |
| 17 |  | Financial Expense | 1,287,719 | 853,197 |
| 18 | $C 5{ }^{\text {a }}$ | Financial Expense on Funding Liabilities | 1,039,719 | 797,869 |
| 19 |  | Interest and Fee Expense on Deposits | 256,343 | 250,000 |
| 110 |  | Interest and Fee Expense on Borrowings | 783,376 | 547,869 |
| 111 | C6 ${ }^{\text {a }}$ | Other Financial Expense | 248,000 | 55,328 |
| 112 |  | Net Financial Income | 17,689,179 | 9,668,530 |
| 113 | C29 | Impairment Losses on Loans | 439,972 | 162,862 |
| 114 | P8 | Provision for Loan Impairment | 489,154 | 297,368 |
| 115 | P10 | Value of Loans Recovered | $(49,182)$ | $(134,506)$ |
| 116 | $C 7^{\text {a }}$ | Operating Expense | 15,072,242 | 6,633,187 |
| 117 |  | Personnel Expense | 8,700,000 | 4,594,436 |
| 118 |  | Administrative Expense | 6,372,242 | 2,038,751 |
| 119 | C28 | Depreciation and Amortization Expense | 1,597,669 | 317,057 |
| 120 |  | Other Administrative Expense | 4,774,573 | 1,721,694 |
| 121 |  | Net Operating Income | 2,176,965 | 2,872,482 |
| 122 | C22 ${ }^{\text {a }}$ | Net Non-Operating Income/(Expense) | $(1,403,143)$ | $(1,838,992)$ |
| 123 |  | Non-Operating Revenue | 586,471 | - |
| 124 |  | Non-Operating Expense | $(1,989,614)$ | $(1,838,992)$ |
| 125 | C27 | Net Income (Before Taxes and Donations) | 773,822 | 1,033,490 |
| 126 | C8 ${ }^{\text {a }}$, $\mathrm{C} 30^{\text {a }}$ | Taxes | 760,816 | 732,306 |
| 127 | B28 | Net Income (After Taxes and Before Donations) | 13,006 | 301,184 |
| 128 | B25, C20 ${ }^{\text {a }}$, $\mathrm{C} 44^{\text {a }}$ | Donations | 4,582,000 | 3,442,986 |
| 129 |  | Donations for Loan Capital | - | 1,258,291 |
| 130 |  | Donations for Operating Expense | 4,582,000 | 2,184,695 |
| 131 |  | Net Income (After Taxes and Donations) | 4,595,006 | 3,744,170 |

[^0]TABLE 2.3: SAMPLE BALANCE SHEET

| Ref. | X-Ref. | Account Name | As of 12/31/2004 | As of 12/31/2003 |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |
| B1 | C26, C50 | Cash and Due from Banks | 3,261,195 | 1,146,142 |
| B2 |  | Trade Investments | 10,611,928 | 27,096,586 |
| B3 |  | Net Loan Portfolio | 54,338,636 | 33,471,489 |
| B4 |  | - Gross Loan Portfolio | 55,609,309 | 34,701,961 |
| B5 |  | - Impairment Loss Allowance | (1,270,673) | $(1,230,473)$ |
| B6 |  | Interest Receivable on Loan Portfolio | 1,604,993 | 954,993 |
| B7 |  | Accounts Receivable and Other Assets | 1,610,308 | 1,010,308 |
| B8 |  | Other Investments | 1,165,420 | 1,165,420 |
| B9 |  | Net Fixed Assets | 5,567,936 | 4,272,836 |
| B10 |  | - Fixed Assets | 10,640,051 | 7,747,282 |
| B11 |  | - Accumulated Depreciation and Amortization | $(5,072,115)$ | $(3,474,446)$ |
| B12 |  | Total Assets | 78,160,416 | 69,117,773 |
| Liabilities |  |  |  |  |
| B13 |  | Demand Deposits | - | - |
| B14 |  | Short-term Time Deposits | 3,423,878 | 1,030,868 |
| B15 |  | Short-term Borrowings | 2,737,009 | 1,371,768 |
| B16 |  | Interest Payable on Funding Liabilities | 237,177 | 137,177 |
| B17 |  | Accounts Payable and Other Short-term Liabilities | 500,100 | 548,000 |
| B18 |  | Long-term Time Deposits | 3,000,000 | 3,000,000 |
| B19 |  | Long-term Borrowings | 16,661,750 | 16,661,750 |
| B20 |  | Other Long-term Liabilities | 3,699,498 | 4,199,498 |
| B21 |  | Total Liabilities | 30,259,412 | 26,949,061 |
| Equity |  |  |  |  |
| B22 |  | Paid-In Capital | 12,000,000 | 10,000,000 |
| B23 |  | Donated Equity | 37,175,822 | 32,593,822 |
| B24 |  | Prior Years | 32,593,822 | 29,150,836 |
| B25 | $\begin{gathered} \mathrm{I} 28, \mathrm{C} 2 \mathrm{O}^{\mathrm{a}} \\ \mathrm{C} 44^{\mathrm{a}} \end{gathered}$ | Current Year | 4,582,000 | 3,442,986 |
| B26 |  | Retained Earnings | $(1,401,678)$ | $(914,683)$ |
| B27 |  | Prior Years | $(1,414,683)$ | $(1,215,867)$ |
| B28 | 127 | Current Year | 13,006 | 301,184 |
| B29 |  | Reserves | 126,860 | 489,574 |
| B30 |  | Other Equity Accounts |  |  |
| B31 |  | Adjustments to Equity |  |  |
| B32 |  | Total Equity | 47,901,004 | 42,168,713 |

[^1]TABLE 2.6: SAMPLE DIRECT CASH FLOW STATEMENT

| Ref. | X-Ref. | Term | $\begin{aligned} & \text { From } 1 / 1 / 2004 \text { to } \\ & 12 / 31 / 2004 \end{aligned}$ | $\begin{aligned} & \text { From } 1 / 1 / 2003 \\ & \text { to } 12 / 31 / 2003 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| Cash Flows from Operating Activities |  |  |  |  |
| C1 | $12^{\text {a }}$ | Cash Received from Interest, Fees, and Commissions on Loan Portfolio | 16,403,668 | 8,847,498 |
| C2 | $15^{\text {a }}$ | Cash Received from Interest on Investments | 1,597,830 | 1,003,556 |
| C3 | $16^{\text {a }}$ | Cash Received as Other Operating Revenue | 325,400 | 215,680 |
| C4 | C31 | Value of Loans Repaid | 137,620,072 | 107,900,427 |
| C5 | $18^{\text {a }}$ | (Cash Paid for Financial Expenses on Funding Liabilities) | $(939,719)$ | $(810,692)$ |
| C6 | $111^{\text {a }}$ | (Cash Paid for Other Financial Expenses) | $(248,000)$ | $(55,328)$ |
| C7 | $116^{\text {a }}$ | (Cash Paid for Operating Expenses) | $(13,522,473)$ | $(7,426,274)$ |
| C8 | $126^{\text {a }}$ | (Cash Paid for Taxes) | $(760,816)$ | $(732,306)$ |
| C9 | C32, P2 | (Value of Loans Disbursed) | $(159,603,437)$ | $(121,456,864)$ |
| C10 | C33 | Net (Purchase)/Sale of Trade Investments | 16,484,658 | 3,406,301 |
| C11 | C34 | Deposits/(Withdrawals) from Clients | 2,393,010 | 1,030,868 |
| C12 |  | Cash Received/(Paid) for Other Operating Assets and Liabilities | $(1,100,000)$ | $(1,010,308)$ |
| C13 | C37 | Net Cash from Operating Activities | $(1,349,808)$ | $(9,087,441)$ |
| Cash Flows from Investing Activities |  |  |  |  |
| C14 | C38 | Net (Purchase)/Sale of Other Investments | - | 334,580 |
| C15 | C39 | Net (Purchase)/Sale of Fixed Assets | $(2,892,769)$ | $(747,282)$ |
| C16 | C40 | Net Cash from Investing Activities | $(2,892,769)$ | $(412,702)$ |
| Cash Flows from Financing Activities |  |  |  |  |
| C17 | C41 | Net Cash Received /(Repaid) for Short- and Long-term Borrowings | 1,365,241 | 6,533,518 |
| C18 | C42 | Issuance/(Repurchase) of Paid-In Capital | 2,000,000 | 1,000,000 |
| C19 | C43 | (Dividends Paid) | $(500,000)$ | - |
| C20 | 128 ${ }^{\text {a }}$, C44, B25 | Donated Equity | 4,582,000 | 3,442,986 |
| C21 | C45 | Net Cash from Financing Activities | 7,447,241 | 10,976,504 |
| C22 | $122^{\text {a }}$, C46 | Net Cash Received/(Paid) for Non-Operating Activities | $(1,403,143)$ | $(1,838,992)$ |
| C23 | C47 | Net Change in Cash and Due from Banks | 1,801,521 | $(362,632)$ |
| C24 | C48 | Cash and Due from Banks at the Beginning of the Period | 1,146,142 | 900,000 |
| C25 | C49 | Exchange Rate Gains/(Losses) on Cash and Cash Equivalents | 313,532 | 609,774 |
| C26 | C50 | Cash and Due from Banks at the End of the Period | 3,261,195 | 1,146,142 |

${ }^{\text {a }}$ If an MFI uses cash accounting, these accounts will have the same value as the cross-referenced accounts. If the MFI uses accrual accounting, these values will not be the same as the cross-referenced account. In the example above, the MFI uses accrual-based accounting for financial revenue, financial expense, and operating expenses so that (C1), (C5), and (C7) are not the same value as their income statement references.

TABLE 2.8: SAMPLE INDIRECT CASH FLOW STATEMENT

| Ref. | X-Ref. | Account Name | From 1/1/2004 to $12 / 31 / 2004$ | $\text { From } 1 / 1 / 2003$ $\text { to } 12 / 31 / 2003$ |
| :---: | :---: | :---: | :---: | :---: |
| Cash Flows from Operating Activities |  |  |  |  |
| C27 | $125^{\text {a }}$ | Net Income (Before Taxes and Donations) | 2,176,965 | 2,872,482 |
| C28 | 119 | Depreciation and Amortization | 1,597,669 | 317,057 |
| C29 | 113 | Impairment Losses on Loans | 439,972 | 297,368 |
| C30 | $126^{\text {a }}$, C8 | (Cash Paid for Taxes) | $(760,816)$ | $(732,306)$ |
| C31 | C4 | Value of Loans Repaid | 137,620,072 | 107,765,921 |
| C32 | C9, P2 | (Value of Loans Disbursed) | $(159,603,437)$ | $(121,456,864)$ |
| C33 | C10 | (Increase)/Decrease in Trade Investments | 16,484,658 | 3,406,301 |
| C34 | C11 | Increase/(Decrease) in Deposits | 2,393,010 | 1,030,868 |
| C35 |  | (Increase)/Decrease in Receivables and Other Assets | $(1,250,000)$ | $(1,465,301)$ |
| C36 |  | Increase/(Decrease) in Payables and Other Liabilities | $(447,900)$ | $(1,122,967)$ |
| C37 | C13 | Net Cash from Operating Activities | $(900,853)$ | $(9,298,543)$ |
| Cash Flows from Investing Activities |  |  |  |  |
| C38 | C14 | (Increase)/Decrease in Other Investments | - | 334,580 |
| C39 | C15 | (Increase)/Decrease in Book Value of Gross Fixed Assets | $(2,892,769)$ | $(747,282)$ |
| C40 | C16 | Net Cash from Investing Activities | $(2,892,769)$ | $(412,702)$ |
| Cash Flows from Financing Activities |  |  |  |  |
| C41 | C17 | Increase/(Decrease) in Short- and Long-term Borrowings | 1,365,241 | 6,533,518 |
| C42 | C18 | Increase/(Decrease) in Paid-In Capital | 2,000,000 | 1,000,000 |
| C43 | C19 | (Dividends Paid) | $(500,000)$ | - |
| C44 | C20, 128 ${ }^{\text {a }}$, 25 | Donated Equity | 4,582,000 | 3,442,986 |
| C45 | C21 | Net Cash from Financing Activities | 7,447,241 | 10,976,504 |
| C46 | $122^{\text {a }}$ C22 | Net Cash Received/(Paid) for Non-Operating Activities | $(1,403,143)$ | $(1,838,992)$ |
| C47 | C23 | Net Change in Cash and Due from Banks | 1,801,521 | $(362,632)$ |
| C48 | C24 | Cash and Due from Banks at the Beginning of the Period | 1,146,142 | 900,000 |
| C49 | C25 | Effect of Exchange Rate Changes on Cash and Cash Equivalents | 313,532 | 608,774 |
| C50 | C26, B1 | Cash and Due from Banks at the End of the Period | 3,261,195 | 1,146,142 |

[^2]TABLE 2.10: SAMPLE PORTFOLIO REPORT

| Ref. | X-Ref. | Account Name | From 1/1/2004 to 12/31/2004 |  | From 1/1/2003 to 12/31/2003 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Number of Loans | Value of Portfolio | Number of Loans | Value of Portfolio |
| Portfolio Activity |  |  |  |  |  |  |
| P1, P2 | $\begin{aligned} & \text { C9, } \\ & \text { C32 } \end{aligned}$ | Loans Disbursed | 32,148 | 159,603,437 | 26,990 | 121,456,864 |
| P3, P4 | B4 | Loans Outstanding | 14,587 | 55,609,309 | 11,183 | 34,701,961 |
| Movement in Impairment Loss Allowance |  |  |  |  |  |  |
| P5 ${ }^{0}$ | B5 ${ }^{0}$ | Impairment Loss Allowance, Beginning of Period |  | 1,230,473 |  | 933,150 |
| P5 ${ }^{1}$ | B5 ${ }^{1}$ | Impairment Loss Allowance, End of Period |  | 1,270,673 |  | 1,230,473 |
| P6, P7 |  | Loans Written Off | 147 | 448,954 | 0 | 0 |
| P8 | 114 | Provision for Loan Impairment |  | 489,154 |  | 297,368 |
| P9, P10 |  | Loans in Recovery or Recovered | 14 | 49,182 | 53 | 134,506 |
| Portfolio Aging Schedule |  |  |  |  |  |  |
|  |  |  | Number of Loans | Value of Portfolio | Loss Allowance Rate (\%) ${ }^{a}$ | Impairment Loss Allowance |
| P11, P12 |  | Current Portfolio | 8,729 | 51,155,003 | 0 | - |
| P13, P14 |  | Portfolio at Risk 1 to 30 days | 2,110 | 2,224,372 | 10 | 222,437 |
|  |  | Portfolio at Risk 31 to 60 days | 2,022 | 1,112,186 | 25 | 278,047 |
|  |  | Portfolio at Risk 61 to 90 days | 927 | 556,093 | 50 | 278,047 |
|  |  | Portfolio at Risk 91 to 180 days | 556 | 166,828 | 75 | 125,121 |
|  |  | Portfolio at Risk more than 180 days | 204 | 244,681 | 100 | 244,681 |
| P15, P16 |  | Renegotiated Portfolio 130 days | 28 | 55,609 | 50 | 27,805 |
|  |  | Renegotiated Portfolio > 30 days | 11 | 94,536 | 100 | 94,536 |
| P3, P4 | B4 | Loans Outstanding | 14,587 | 55,609,309 |  | 1,270,673 |

[^3]TABLE 2.12: SAMPLE NON-FINANCIAL DATA REPORT

|  | Account Name | As of 12/31/2004 | As of 12/31/2003 |
| :---: | :---: | :---: | :---: |
| Operational Data |  |  |  |
| N1 | Number of Active Clients | 14,658 | 11,458 |
| N2 | Number of New Clients during Period | 7,584 | 7,589 |
| N3 | Number of Active Borrowers | 13,472 | 10,857 |
| N4 | Number of Voluntary Depositors | 752 | 254 |
| N5 | Number of Deposit Accounts | 752 | 254 |
| N6 | Number of Savers Facilitated | 13,005 | 11,023 |
| N7 | Number of Personnel | 115 | 89 |
| N8 | Number of Loan Officers | 75 | 48 |
| Macroeconomic Data |  |  |  |
| N9 | Inflation Rate | 5.6\% | 4.3\% |
| N10 | Market Rate for Borrowing | 9.5\% | 8.6\% |
| N11 | Exchange Rate (Local Currency: U.S. Dollar, Euro, or other) | 48.0 | 45.0 |
| N12 | Gross National Income (GNI) per capita | 12,000.0 | 12,000.0 |

## TABLE 3.1: SUMMARY OF ADJUSTMENTS

| Ref. | Account Name | Explanation |
| :---: | :---: | :---: |
| Subsidies |  |  |
| A1 | Subsidized Cost of Funds Adjustment | Examines the difference between an MFI's financial expense and the financial expense it would pay if all its funding liabilities were priced at market rates. |
| A2 | In-Kind Subsidy Adjustment | The difference between what the MFI is actually paying for a donated or subsidized good or service and what it would have to pay for the same good or service on the open market. Donors often give MFIs funds and also goods and services at no cost or at below-market cost. Common examples of these in-kind subsidies are computers, consulting services, free office space, and free services of a manager. |
| Inflation |  |  |
| A3 | Inflation Adjustment | The rationale behind the inflation adjustment is that an MFI should, at a minimum, preserve the value of its equity (and shareholders or donors' investments) against erosion due to inflation. In addition, this adjustment is important to consider when benchmarking institutions in different countries and economic environments. Unlike subsidy adjustments, recording an inflation adjustment is common in many parts of the world and is mandated by Section 29 of the International Accounting Standards (IAS) in high inflation economies. |
| Non-performing loans |  |  |
| A4 | Impairment Loss <br> Allowance Adjustment | Intended to bring an MFI's Impairment Loss Allowance in line with the quality of its Gross Loan Portfolio. |
| A5 | Write-off Adjustment | Intended to identify loans on an MFI's books that, by any reasonable standard, should be written off. This adjustment can significantly reduce the value of an MFI's assets if persistent delinquent loans are not counted as part of the gross loan portfolio. |

TABLE 4.1: SUMMARY OF THE SEEP 18

| Ref. | Term | Formula | Explanation |
| :--- | :--- | :---: | :--- | :--- |


| Ref. | Term | Formula | Explanation |
| :---: | :---: | :---: | :---: |
| R10 | Write-off Ratio | Value of Loans Written Off Average Gross Loan Portfolio | Represents the percentage of the MFI's loans that has been removed from the balance of the gross loan portfolio because they are unlikely to be repaid. MFIs' writeoff policies vary; managers are recommended to calculate this ratio on an adjusted basis. |
|  | Adjusted Write-off Ratio | $\begin{aligned} & \frac{\text { Value of Loans Written Off }}{+ \text { Write-off Adjustment }} \\ & \hline \text { Average Adjusted Gross Loan Portfolio } \end{aligned}$ |  |
| R11 | Risk Coverage Ratio | Impairment Loss Allowance Portfolio at Risk > 30 Days | Shows how much of the portfolio at risk is covered by the MFI's Impairment Loss Allowance. |
|  | Adjusted Risk Coverage Ratio | Adjusted Impairment Loss Allowance Adjusted Portfolio at Risk > 30 Days -Write-off Adjustment | The adjusted ratio incorporates the Impairment Loss Allowance Adjustment and the Write-off Adjustment. |
| Efficiency and Productivity |  |  |  |
| R12 | Operating Expense Ratio | $\frac{\text { Operating Expense }}{\text { Average Gross Loan Portfolio }}$ | Highlights personnel and administrative expenses relative to the loan portfolio the most commonly used efficiency indicator. |
|  | Adjusted Operating Expense Ratio | Adjusted Operating Expense Average Adjusted Gross Loan Portfolio | The adjusted ratio usually increases this ratio when the affect of subsidies are included. |
| R13 | Cost per Active Client | Operating Expense <br> Average Number of Active Clients | Provides a meaningful measure of efficiency for an MFI, allowing it to determine the average cost of maintaining an active client. |
|  | Adjusted Cost per Client | Adjusted Operating Expense Average Number of Active Clients | The adjusted ratio usually increase this ratio when the affect of subsides are included. |
| R14 | Borrowers per Loan Officer | Number of Active Borrowers Number of Loan Officers | Measures the average caseload of (average number of borrowers managed by) each Ioan officer. |
| R15 | Active Clients per Staff Member | Number of Active Clients Total Number of Personnel | The overall productivity of the MFI's personnel in terms of managing clients, including borrowers, voluntary savers, and other clients. |
| R16 | Client Turnover | Number of Active Clients, End of Period + Number of New Clients During Period Number of Active Clients, Beginning of Period Average Number of Active Clients | Measures the net number of clients continuing to access services during the period; used as one measurement of client satisfaction. |
| R17 | Average Outstanding Loan Size | $\frac{\text { Gross Loan Portfolio }}{\frac{\text { Number of Loans Outstanding }}{}}$ | Measures the average outstanding loan balance per borrower. This ratio is a profitability driver and a measure of how much of each loan is available to clients. |
|  | Adjusted Average Outstanding Loan Size | $\frac{\text { Adjusted Gross Loan Portfolio }}{\text { Adjusted Number of Loans Outstanding }}$ | The adjusted ratio incorporates the Write-off Adjustment. |
| R18 | Average Loan Disbursed | Value of Loans Disbursed Number of Loans Disbursed | Measures the average value of each loan disbursed. This ratio is frequently used to project disbursements. This ratio or R17 can be compared to (N12) GNI per capita. ${ }^{1}$ |

[^4]TABLE 5.1: SAMPLE MONTHLY MANAGEMENT REPORT

| Ref. | Starting 1/1/2004 <br> Ending 6/30/2004 | Current Month | Year-toDate | $\begin{gathered} \text { Plan for } \\ 12 / 31 / 2004 \end{gathered}$ | \% Achieved |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Outreach |  |  |  |  |  |
| P1 | Number of Loans Disbursed during the Period | 2,571 | 12,859 | 30,000 | 43 |
| P2 | Value of Loans Disbursed during the Period | 11,099,427 | 71,709,752 | 150,000,000 | 49 |
| N3 | Number of Active Borrowers | 12,957 | 12,957 | 13,500 | 96 |
| N4 | Number of Voluntary Depositors | 489 | 489 | 750 | 65 |
| Profitability |  |  |  |  |  |
| 11 | Financial Revenue | 1,616,733 | 9,700,397 | 18,000,000 | 54 |
| 121 | Net Operating Income | $(213,480)$ | $(330,368)$ | 2,500,000 | -13 |
| Portfolio Quality |  |  |  |  |  |
| P14 | Portfolio at Risk (PAR) > 30 days | 2,146,550 | 2,146,550 | 2,000,000 | 107 |
| P13 | Number of Loans at Risk > 30 Days | 3.254 | 3,254 | 2,500 | 130 |
| R9 | PAR Ratio | 5.2\% | 5.2\% | 5.0\% | 0.2 |
| R10 | Write-off Ratio | 0.2\% | 0.3\% | 0.5\% | -0.2 |
| Asset/Liability Management |  |  |  |  |  |
| B4 | Gross Loan Portfolio | 45,235,510 | 45,235,510 | 50,000,000 | 92 |
| R4a | Yield on Gross Portfolio | 32.5\% | 34\% | 32\% | 2 |
| $\begin{aligned} & \text { B13 + B14 } \\ & + \text { B18 } \end{aligned}$ | Total Deposits | 5,240,000 | 5,240,000 | 10,000,000 | 52 |
| Liquidity |  |  |  |  |  |
| B1 | Cash and Due from Banks | 5,687,200 | 5,687,200 | 4,600,000 | 124 |
| $\begin{aligned} & \mathrm{C} 23 \\ & \text { C47 } \end{aligned}$ | Net Change in Cash and Due from Banks | -45,258 | 1,345,090 | 2,000,000 | 67 |
| R8 | Liquid Ratio | 295\% | 295\% | 200\% | 95 |
| Efficiency and Productivity |  |  |  |  |  |
| 116 | Operating Expense | 1,808,669 | 9,043,345 | 12,000,000 | 75 |
| R12* | Operating Expense Ratio | 54.5\% | 45.4\% | 27\% | 18.4 |
| R17 | Average Outstanding Loan Size | 3,645 | 3,645 | 3,750 | 97 |

${ }^{\text {a }}$ Annualized.

TABLE 5.2: SAMPLE QUARTERLY INCOME STATEMENT WITH REVENUE ANALYSIS

| Ref. | Income Statement |  | $\begin{aligned} & \text { Year-to-Date } \\ & \text { From } \\ & \text { 1/1/2004 to } \\ & 9 / 30 / 2004 \end{aligned}$ | Year-to-Date 1/1/2004 to 9/30/2004 Adjusted | As \% of (I1) Financial Revenue |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | Financial Revenue | 3,226,166 | 12,926,563 | 12,926,563 | 100 |
| 12 | Financial Revenue from Loan Portfolio | 3,052,550 | 12,096,873 | 12,096,873 | 94 |
| 13 | Interest on Loan Portfolio | 1,941,460 | 9,707,298 | 9,707,298 | 75 |
| 14 | Fees and Commissions on Loan Portfolio | 1,111,090 | 2,389,575 | 2,389,575 | 18 |
| 15 | Financial Revenue from Investments | 159,783 | 719,024 | 719,024 | 6 |
| 16 | Other Operating Revenue | 13,833 | 110,667 | 110,667 | 1 |
| 17 | Financial Expense | 198,791 | 670,328 | 2,995,150 | 23 |
| 18 | Financial Expense on Funding Liabilities | 149,191 | 571,128 | 1,124,864 | 9 |
| 19 | Interest and Fee Expense on Deposits | 51,269 | 179,440 |  |  |
| 110 | Interest and Fee Expense on Borrowings | 97,922 | 391,688 |  |  |
| 111 | Other Financial Expenses | 49,600 | 99,200 | 1,870,286 | 14 |
| 112 | Net Financial Income | 3,027,376 | 12,256,235 | 9,931,413 | 77 |
| 113 | Impairment Losses on Loans | 407,822 | 815,644 | 815,644 | 6 |
| I14 | Provision Expense on Impaired Loans |  |  |  |  |
| 115 | Value of Loans Recovered |  |  |  |  |
| 116 | Operating Expense | 2,064,565 | 11,107,910 | 12,430,210 | 96 |
| 117 | Personnel Expense | 673,671 | 6,090,000 | 6,425,000 | 50 |
| 118 | Administrative Expense | 1,390,894 | 5,017,910 | 6,005,210 | 46 |
| I19 | Depreciation and Amortization Expense | 299,563 | 1,198,252 | 1,198,252 | 9 |
| 120 | Other Administrative Expense | 1,091,331 | 3,819,658 | 4,806,958 | 37 |
| 121 | Net Operating Income | 554,988 | 332,681 | $(3,314,441)$ | -26 |
| 122 | Net Non-Operating Income | $(699,836)$ | $(1,204,182)$ | $(1,204,182)$ | -9 |
| 123 | Non-Operating Revenue | 195,490 | 586,471 | 586,471 | 5 |
| 124 | Non-Operating Expense | $(895,326)$ | $(1,790,653)$ | $(1,790,653)$ | -14 |
| 125 | Net Income (Before Taxes and Donations) | $(144,848)$ | $(871,501)$ | $(4,518,622)$ | - 35 |
| 126 | Taxes | 190,204 | 380,408 | 380,408 | 3 |
| 127 | Net Income (After Taxes and Before Donations) | $(335,052)$ | $(1,251,909)$ | $(4,899,030)$ | -38 |
| 128 | Donations | 3,054,667 | 4,582,000 | 4,582,000 | 35 |
| 129 | Donations for Loan Capital | - | - | - | 0 |
| 130 | Donations for Operating Expense | 3,054,667 | 4,582,000 | 4,582,000 | 35 |
| 131 | Net Income (After Taxes and Donations) | 2,719,615 | 3,330,091 | $(317,030)$ | -2 |

TABLE 5.3: SAMPLE QUARTERLY BALANCE SHEET WITH ASSET ALLOCATION ANALYSIS

| Ref. | Balance Sheet As of 9/30/2004 | Current Year | Adjusted Current Year | As \% of (B12) Total Assets |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |
| B1 | Cash and Due from Banks | 4,168,880 | 4,168,880 | 6 |
| B2 | Trade Investments | 14,673,450 | 14,673,450 | 20 |
| B3 | Net Loan Portfolio | 47,200,031 | 47,200,031 | 64 |
| B4 | Gross Loan Portfolio | 49,492,285 | 49,228,881 | 67 |
| B5 | Impairment Loss Allowance | $(2,292,255)$ | $(2,028,851)$ | -3 |
| B6 | Interest Receivable on Loan Portfolio | 1,974,141 | 1,974,141 | 3 |
| B7 | Accounts Receivable and Other Assets | 837,360 | 837,360 | 1 |
| B8 | Other Investments | 1,165,420 | 1,165,420 | 2 |
| B9 | Net Fixed Assets | 3,087,156 | 3,266,615 | 4 |
| B10 | Fixed Assets | 6,384,031 | 6,563,490 | 9 |
| B11 | Accumulated Depreciation and Amortization | $(3,296,875)$ | $(3,296,875)$ | -4 |
| B12 | Total Assets | 73,106,438 | 73,285,897 | 100 |
| Liabilities |  |  |  |  |
| B13 | Demand Deposits | - | - | 0 |
| B14 | Short-term Time Deposits | 2,054,327 | 2,054,327 | 3 |
| B15 | Short-term Borrowings | 1,779,056 | 1,779,056 | 2 |
| B16 | Interest Payable on Funding Liabilities | 320,189 | 320,189 | 0 |
| B17 | Accounts Payable and Other Short-term Liabilities | 490,098 | 490,098 | 1 |
| B18 | Long-term Time Deposits | 3,000,000 | 3,000,000 | 4 |
| B19 | Long-term Borrowings | 16,661,750 | 16,661,750 | 23 |
| B20 | Other Long-term Liabilities | 3,329,548 | 3,329,548 | 5 |
| B21 | Total Liabilities | 27,634,968 | 27,634,968 | 38 |
| Equity |  |  |  |  |
| B22 | Paid-In Capital | 12,000,000 | 12,000,000 | 16 |
| B23 | Donated Equity | 35,648,489 | 35,648,489 | 49 |
| B24 | Prior Years | 32,593,822 | 32,593,822 | 44 |
| B25 | Current Year | 3,054,667 | 3,054,667 | 4 |
| B26 | Retained Earnings | $(2,666,592)$ | $(6,313,714)$ | -9 |
| B27 | Prior Years | $(1,414,683)$ | $(1,414,683)$ | -2 |
| B28 | Current Year | $(1,251,909)$ | $(4,899,030)$ | -7 |
| B29 | Reserves | 489,574 | 489,574 | 1 |
| B30 | Other Equity Accounts | - | - | 0 |
| B31 | Adjustments to Equity |  | 3,826,581 | 5 |
| B31-1 | Subsidized Cost of Funds Adjustment |  | 553,736 | 1 |
| B31-2 | In-Kind Subsidy Adjustment |  | 1,322,300 | 2 |
| B31-3 | Inflation Adjustment |  | 1,950,545 | 3 |
| B32 | Total Equity | 45,471,470 | 45,650,929 | 62 |

TABLE 5.4: SAMPLE QUARTERLY MANAGEMENT REPORT

| Ref. | Account Name | $\begin{gathered} \text { As of } \\ 12 / 31 / 2003 \end{gathered}$ | $\begin{gathered} \text { As of } \\ 9 / 30 / 2004 \end{gathered}$ | $\begin{aligned} & \text { Trend as } \\ & \text { of } \\ & 9 / 30 / 2004 \\ & \text { (\%) } \\ & \hline \end{aligned}$ | Plan Target for 9/30/2004 | Variance (\%) | Benchmark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Outreach and Activity |  |  |  |  |  |  |  |
| N1 | Number of Active Clients | 11,458 | 13,960 | 22 | 15,000 | 93 | N/A |
| N3 | Number of Active Borrowers | 10,857 | 13,058 | 20 | 13,500 | 97 | 22,627 |
| N5 | Number of Deposit Accounts | 254 | 489 | 93 | 750 | 65 | N/A |
| P1 | Number of Loans Disbursed | 26,990 | 23,147 | -14 | 30,000 | 77 | N/A |
| P2 | Value of Loans Disbursed | 121,456,864 | 122,664,850 | 1 | 150,000,000 | 82 | N/A |
| N7 | Number of Personnel | 89 | 102 | 15 | 110 | 93 | 118 |
| N8 | Number of Loan Officers | 48 | 70 | 46 | 75 | 93 | N/A |
| Profitability |  |  |  |  |  |  |  |
| 11 | Financial Revenue | 10,564,338 | 12,926,563 | 22 | 18,000,000 | 72 | N/A |
| 121 | Net Operating Income | 2,915,093 | 332,681 | -89 | 2,500,000 | 13 | N/A |
| R1 | Operational Self-Sufficiency (OSS) | 138\% | 103\% | - 35 | 130\% | -27 | 128\% |
|  | Financial SelfSufficiency (FSS) | 73\% | 80\% | 6 | 100\% | -20 | 123\% |
| R2a | Return on Assets (ROA) | 3.4\% | 1.1\% | -2.3\% | 5\% | -4\% | N/A |
|  | Adjusted Return on Assets (AROA) | -18\% | -3.0\% | 14.6\% | -5\% | 2\% | 4\% |
| R3a | Return on Equity (ROE) | 5.4\% | 1.8\% | -3.6\% | 15\% | -13\% | N/A |
|  | Adjusted Return on Equity (AROE) | - 28.4\% | - 9.7\% | 18.7\% | - 10\% | 0\% | 9\% |
| Portfolio Quality |  |  |  |  |  |  |  |
| 113 | Impairment Losses on Loans | 162,862 | 815,644 | 401\% | 1,500,000 | 54\% | N/A |
| R9 | PAR Ratio | 4.5\% | 5.1\% | 0.6\% | 5.0\% | 0\% | N/A |
|  | Adjusted PAR Ratio | 6.8\% | 5.1\% | -1.7\% | 5.0\% | 0\% | 3.4\% |
| R10 | Write-off Ratio | 0.3\% | 1.8\% | 1.5\% | 0.5\% | 1\% | N/A |
|  | Adjusted Write-off Ratio | 3.5\% | 2.1\% | - 1.4\% | 0.5\% | 2\% | N/A |
| R11 | Risk Coverage Ratio | 78\% | 82\% | 3.6\% | 75.0\% | 7\% | N/A |
|  | Adjusted Risk Coverage Ratio | 26\% | 74\% | 48.1\% | 75.0\% | -1\% | 120\% |
| Asset/Liability Management |  |  |  |  |  |  |  |
| B4 | Gross Loan Portfolio | 34,701,961 | 49,228,881 | 42\% | 50,000,000 | 98\% | 323,371,248 |
| R5 | Portfolio to Assets | 50\% | 67\% | 17\% | 75\% | -8\% | 78\% |
| $\begin{aligned} & \hline \text { B13 + } \\ & \text { B14 + } \\ & \text { B18 } \end{aligned}$ | Total Deposits | 4,030,868 | 5,054,327 | 25\% | 5,000,000 | 101\% | 12,047,040 |
| R4a | Yield on Gross Portfolio | 30\% | 38\% | 8\% | 32\% | 6\% | 38\% |
| R6a | Cost of Funds Ratio | 4.4\% | 4.2\% | -0.2\% | 5\% | -1\% | N/A |
|  | Adjusted Cost of Funds | 8.6\% | 7.2\% | - 1.4\% | 8\% | -1\% | 7\% |
| R7 | Debt to Equity | 64\% | 61\% | -3\% | 65\% | -4\% | 1.7 |


| Ref. | Account Name | $\begin{gathered} \text { As of } \\ 12 / 31 / 2003 \end{gathered}$ | $\begin{gathered} \text { As of } \\ 9 / 30 / 2004 \end{gathered}$ | $\begin{gathered} \text { Trend as } \\ \text { of } \\ 9 / 30 / 2004 \\ \text { (\%) } \\ \hline \end{gathered}$ | Plan Target for 9/30/2004 | Variance (\%) | Benchmark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Adjusted Debt to Equity | 64\% | 61\% | -4\% | 65\% | -4\% | N/A |
| Liquidity |  |  |  |  |  |  |  |
| B1 | Cash and Due from Banks | 1,146,142 | 4,168,880 | 264\% | 4,600,000 | 91\% | N/A |
| C13, C37 | Cash Flows from Operating Activities | $(8,985,325)$ | (1,070,260) | -88\% | $(1,000,000)$ | -7\% | N/A |
| R8 | Liquid Ratio | 9.1 | 4.06 | -56\% | 2.0 | 203\% | N/A |
| Efficiency and Productivity |  |  |  |  |  |  |  |
| I16 | Operating Expense | 6,633,187 | 11,107,910 | 67\% | 12,000,000 | 93\% | N/A |
| R12a | Operating Expense Ratio | 22\% | 35\% | 13\% | 27\% | 8\% | N/A |
|  | Adjusted Operating Expense Ratio | 34\% | 40\% | 6\% | 32\% | 8\% | 19.8\% |
| R13a | Cost per Active Client | 650 | 874 | 34\% | 650 | 134\% | N/A |
|  | Adjusted Cost per Active Client | 951 | 978 | 3\% | 950 | 103\% | N/A |
| R14 | Borrowers per Loan Officer | 226 | 187 | -18\% | 22 | 83\% | 552 |
| R15 | Active Clients per Staff Member | 129 | 137 | 6\% | 150 | 91\% | 190 |
| R16a | Client Turnover | 10\% | 8\% | -3\% | 10\% | -3\% | N/A |
| R17 | Average Outstanding Loan Size | 3,103 | 3,770 | 21\% | 4,000 | 94\% | 18,480 |
|  | Adjusted Average Outstanding Loan Size | 3,239 | 3,526 | 9\% | 4,000 | 88\% | N/A |
| R18 | Average Loan Disbursed | 4,500 | 4,835 | 7\% | 5,000 | 97\% | N/A |

${ }^{\text {a }}$ Indicates annualized indicator.
N/A = not applicable.

TABLE 5.5: SAMPLE QUARTERLY OR SEMIANNUAL BOARD REPORT

| Ref. | Account Name | As of 12/31/2003 | $\begin{gathered} \text { As of } \\ 9 / 30 / 2004 \end{gathered}$ | $\begin{gathered} \text { Trend } \\ \text { as of } \\ 9 / 30 / 2004 \end{gathered}$ | Plan Target for 12/30/2004 | Variance | Benchmark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Outreach and Activity |  |  |  |  |  |  |  |
| N1 | Number of Active Clients | 11,458 | 13,960 | 22\% | 15,000 | 93\% | N/A |
| Profitability |  |  |  |  |  |  |  |
| 121 | Net Operating Income | 2,915,093 | 332,681 | -89\% | 2,500,000 | 13\% | N/A |
| R1 | Operational Self-Sufficiency (OSS) | 138\% | 103\% | -35\% | 130\% | -27\% | 128\% |
|  | Financial SelfSufficiency (FSS) | 73\% | 80\% | 6\% | 100\% | - 20\% | 123\% |
| R3a | Return on Equity (ROE) | - 18\% | -3\% | 15\% | - 5\% | 2\% | 4\% |
|  | Adjusted Return on Equity (AROE) | 5\% | 2\% | -4\% | 15\% | -13\% | N/A |
| Asset/Liability Management |  |  |  |  |  |  |  |
| B4 | Gross Loan Portfolio | 34,701,961 | 49,228,881 | 42\% | 50,000,000 | 98\% | 323,371,248 |
| R7 | Debt to Equity | 64\% | 61\% | -3\% | 65\% | -4\% | 1.7 |
|  | Adjusted Debt to Equity | 64\% | 61\% | - 4\% | 65\% | -4\% | N/A |
| Portfolio Quality |  |  |  |  |  |  |  |
| R9 | PAR Ratio | 34,701,961 | 49,228,881 | 42\% | 50,000,000 | 98\% | 323,371,248 |
|  | Adjusted PAR Ratio | 64\% | 61\% | -3\% | 65\% | - 4\% | 1.7 |
| R10 | Write-off Ratio | 64\% | 61\% | -4\% | 65\% | -4\% | N/A |
|  | Adjusted Writeoff Ratio | 4.5\% | 0.051 | 0.6\% | 0.05 | 0.1\% | N/A |
| Efficiency and Productivity |  |  |  |  |  |  |  |
| R12a | Operating Expense Ratio | 22.2\% | 35.2\% | 13.0\% | 27.0\% | 8.2\% | N/A |
|  | Adjusted Operating Expense Ratio | 33.8\% | 40.3\% | 6.5\% | 32.0\% | 8.3\% | 20\% |
| R17 | Average Outstanding Loan Size | 3,103 | 3,770 | 21\% | 4,000 | 94\% | 18,480 |
|  | Adjusted <br> Average <br> Outstanding <br> Loan Size | - | 3,526 | 9\% | 4,000 | 88\% | N/A |

[^5]TABLE 5.6: SAMPLE SEMIANNUAL DONOR, CREDITOR, INVESTOR REPORT

| Ref. | Account Name | Current year-to-date as of 6/30/2004 | $\begin{aligned} & \text { Previous year } \\ & \text { as of } \\ & 12 / 31 / 2003 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Summarized income statement |  |  |  |
| 11 | Financial Revenue | 9,700,397 | 10,564,338 |
| 17 | (Financial Expense) | $(861,949)$ | $(853,197)$ |
| 113 | (Impairment Losses on Loans) | $(125,471)$ | $(162,862)$ |
| 116 | (Operating Expense) | $(9,043,345)$ | $(6,633,187)$ |
| 121 | Net Operating Income | $(330,368)$ | 2,915,093 |
| Balance sheet summary |  |  |  |
| B4 | Gross Loan Portfolio | 46,235,350 | 34,701,961 |
| B3 | Net Loan Portfolio | 44,990,348 | 33,471,489 |
| B12 | Total Assets | 73,412,892 | 69,117,773 |
| B13 + B14 + B18 | Total Deposits | 4,514,327 | 4,030,868 |
| B15 + B19 | Total Borrowings | 18,355,806 | 18,033,518 |
| B21 | Total Liabilities | 27,292,014 | 26,949,061 |
| B32 | Total Equity | 46,120,878 | 42,168,713 |
| Profitability |  |  |  |
| R2 a | Return on Assets (ROA) | 0.7\% | 3.5\% |
|  | Adjusted Return on Assets (AROA) | -3.0\% | - 16.5\% |
| R3a | Return on Equity (ROE) | 2.3\% | 3.5\% |
|  | Adjusted Return on Equity (AROE) | -7.5\% | - 26.5\% |
| Asset liability management |  |  |  |
| R7 | Debt to Equity | 59\% | 64\% |
| Portfolio quality |  |  |  |
| R9 | PAR Ratio | 5.2\% | 4.5\% |
| R10 | Write-off Ratio | 0.3\% | 0.3\% |
| Efficiency |  |  |  |
| R12a | Operating Expense Ratio | 45\% | 22\% |
| Outreach |  |  |  |
| N1 | Number of Active Clients | 13,005 | 11,458 |
| $\begin{aligned} & \text { R17 } \\ & \text { N12 } \end{aligned}$ | Average Outstanding Loan Size GNI per capita | 30\% | 26\% |

[^6]
[^0]:    ${ }^{\text {a }}$ If an MFI uses cash accounting, these accounts will have the same value as the cross-referenced accounts. If the MFI uses accrual accounting, these values will not be the same as the cross-referenced account.

[^1]:    ${ }^{\text {a }}$ If an MFI uses cash accounting, these accounts will have the same value as the cross-referenced accounts. If the MFI uses accrual accounting, these values will not be the same as the cross-referenced account.

[^2]:    ${ }^{\text {a }}$ If an MFI uses cash accounting, these accounts will have the same value as the cross-referenced accounts. If the MFI uses accrual accounting, these values will not be the same as the cross-referenced account.

[^3]:    ${ }^{\text {a }}$ The aging categories and loss allowance rates presented in this table are shown as an example rather than a recommendation. MFIs should set the rates according to their needs and historical loss rates as well as local regulatory requirements, if any.

[^4]:    1 Although loan size has historically been used as an approximate proxy for the poverty level of clients, this controversial proxy has been disputed. More accurate poverty indicators are being developed by The SEEP Network's Poverty Outreach Working Group. For information, visit www.seepnetwork.org.

[^5]:    ${ }^{\text {a }}$ Annualized.
    N/A = not applicable.

[^6]:    ${ }^{a}$ Annualized.

