

Financial Foreign Exchange Bank Analysis Through Strategic and Risk Management Approach

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ABSTRACT

This paper discusses how the financial performance of foreign exchange bank in Indonesia that can be improved through the strategy and approach to risk management approach to measuring and analyzing the financial performance during the period 2003-2007. Concentrate on the discussion of the variable performance indicators, namely the banking is *Capital Adequacy Ratio (CAR)*, *Return on Equity (ROE)*, *Loan to Deposit Ratio (LDR)* and *Return on Asset (ROA)*.

The average ROA is 4.61%, the lowest ROA of -7.03% is owned by Century bank ROA and the highest 99.62% owned by the bank ifi. The average ROE is 14.76%, with the lowest ROE of -14.46 ifi owned by the bank and the highest ROE 26.90% owned by Commerce Bank. LDR average is 70.14%, the lowest LDR of 28.00% is owned by Century and the bank's highest LDR 209.90% owned by Bank Artha Graha International. The average CAR is 19.09%, with the lowest CAR of 9.95% is owned by the bank's highest CAR Haga Bank and 25.09% owned by Bank Bumi Arta.

Less successful foreign bank in its performance due to increase assets and capital is not managed optimally which can be seen from the ROA, ROE, LDR, CAR is not in accordance with the standards required by Bank Indonesia, that is $\geq 2\%$ (ROA), $\geq 12\%$ (ROE), 85% - 110% (LDR), $\geq 12\%$ (CAR). Changes can be made by foreign banks is to take advantage of the excess of assets held, so that they can increase profit earnings, as well as the performance in general anticipate bad debts in the previous period to be more careful in allocating the excess of assets owned.

Keywords: *foreign exchange bank, strategic, risk management*

INTRODUCTION

Conditions Indonesian banking world has experienced many changes from time to time. This change is caused by other than the internal development of the banking sector and the economy outside the banking sector, such as the real sector, technological, political, legal, social, macroeconomic, and competition. In development activities, fund management is almost entirely done by the financial institutions either bank financial institutions; financial institutions are not banks and financial institutions insurance. But that looks more dominant financial institution is a bank.

Growth in the number of banks in 2006 according to the annual report of Bank Indonesia's 130 banks appeared to bring the economy to a new stage in its development. The amount of money in circulation at the end of the year 2006 of IDR. 178.60 trillion, the amount of giro IDR. 152.04 trillion, the amount of securities that are issued IDR. 250.25 billion. The role of the banking sector in mobilization of public funds for various purposes has been increased which is very large. The banking sector, which had previously not only more as a facilitator of the government and some large companies, has turned into very influential sectors of the economy. Once the importance of the role of banks and financial institutions, particularly in general, demanding the government

through the Central Bank to perform guidance, direction and supervision to all the existing banks, both government banks, private national banks, foreign banks and the credit bank of people.

In the mid 1980s various deregulation issued by the government to stimulate the life of the financial sector generally and the banking industry in particular has already started in 1988 through the Policy Package October 27 1988 (PAKTO) deregulation of the banking sector. This policy covers areas of financial, monetary and banking. Policy in the field of banking, among others, include the ease of opening offices in banks, financial institutions and non-bank, approve the establishment of new private sector bank with the determination of capital requirements at least paid Rp10 billion, also provides an opportunity to establish the Credit Bank of People (BPR) with the minimum capital Rp50 million, and simplify the requirements for banks to become bank foreign exchange. After the release of deregulation is, in the period 1988-1996 the banking business in Indonesia experienced a very rapid development. At the end of 2002 banks around the 90.46% market shares in the financial sector. According to Bureau of Research Information Bank, the banking industry over 90.46 percent market share in India's financial, insurance industry, followed by 3.38 percent, 3.01 percent of pension funds, industry, finance 2.32 percent, 0.65 percent securities, and pawnshop 0.20 percent, (Supriyanto, 2003).

The rapid growth that was not able to encourage the creation of a strong banking industry. Financial crisis of Indonesia in the mid-1997 gave a very bad impact on the banking sector. Some of the key indicators in the banking sector in 1998 are located in a very bad condition. The performance of the national banking industry at that time far worse than the condition of banks in some Asian countries are also experiencing economic crises, such as South Korea, Malaysia, the Philippines and Thailand. Non Performing Loan (NPL) commercial banks reached 50 percent, the level of the banking industry profits are at the point minus 18 percent, and the Capital Adequacy Ratio (CAR) indicates the condition of minus 15 percent, (Hawkins, 1999). The banking sector due to the economic crisis forced the government to liquidate the bank is not considered healthy and is not feasible to operate. This resulted in the emergence of the crisis of confidence in the banking industry.

Table 1.1
The Prime of Banking Indicators 2002-2006 (Rp Trillion)

The Prime Indicators	2002	2003	2004	2005	Mar 2006	June 2006	Sep 2006	Oct 2006
Assets	1.112,2	1.213,5	1.272,1	1.469,8	1.465,3	1.519,4	1.578,2	1.605,2
DPK	835,8	888,6	963,1	1.127,9	1.123,9	1.168,3	1.205,5	1.233,6
Credit	371,1	440,5	559,5	695,6	687,2	715,1	746,4	755,0

Source: The Indonesia Banking Statistics

In short can be explained that the development of the Bank of Indonesia to the ebb and flow. For example is merging some state-owned banks such as Bank Dagang Negara, Bank Bumi Daya, Export Import Bank, Bank Indonesia's development into Bank Mandiri. Similarly with the National Private Bank because of the merger and have also closed. Merger is one of the management of the bank to show that effective and efficient. The looking at the conditions and problems in the Indonesian banking sector, after the rupiah's exchange rate crisis that followed the performance of economic decline in Indonesia 1997-1998. To restore the level of public confidence and the role of

banks as institutions intermediaries, the bank required the performance of healthy intermediaries so that the process can run smoothly and the level of trust the community recovers. The performance of banks in the banking industry can be measured by the ratio of some financial reports.

Table 1.2
Some of Banking Prime Ratio (%)

Ratio	2002	2003	2004	2005
ROA	1,96	2,63	3,46	2,55
CAR	22,44	19,43	19,42	19,3
LDR	38,24	43,52	49,96	59,66

Source: Indonesian Banking Statistics

How to improve the financial performance of banks through the analysis of foreign exchange strategy and risk management? The variables that are limited by the author is to measure the performance of foreign banks during the financial period 2003-2007, based on financial reports quarterly publication of the Bank Indonesia. Discussion on the main performance indicator variables, namely banking, Return On Assets (ROA), Return on Equity (ROE), Loan to Deposit Ratio (LDR) and the Capital Adequacy Ratio (CAR)

THEORETICAL STUDY

An organization, normally a corporation, chartered by the state of federal government, the principal functions of which are (a) to reserve demand and time deposits, honor instruments drawn against them and pay interest on them as permitted by law; (b) to discount notes, makes loans, and invest in government or other securities; (c) to collect checks, draft, notes and so on; (d) to issue drafts and cashier's check; (e) to certify depositor's checks; and (f) when authorized by a chartering government to act in fiduciary capacity. Definition of conclusions can be drawn that the bank is a business body that act as financial intermediaries in the economy, with the assertion that funds in the grouping is for the productive business sector with the aim of improving the standard of living many people. The main function of banks is to receive, among other savings, for example, in the form of savings and deposits, from the customers, to give interest in accordance with applicable law, collect on the check based on customer demand, providing credit, or embed the excess and reserve until needed for the payment of back. General Bank in accordance with the Act No.10 Year 1998 is a bank conducting business activities in the conventional and syari'ah principles based or in activities that provide services in the traffic of payment. According to (Kasmir: 2003), the type of bank ownership in terms of views means is anyone who has a bank certificate of choice and control of shares owned by the bank concerned. Data banks in Indonesia from the years 2003 - 2007 listed in the Bank Indonesia amounted to 128 banks. There are 32 foreign exchange banks.

BANKING RISK

Risk (risk) is the uncertainty (uncertainties) incurred by such a change. Type of risk in the placement of funds: a. Liquidity Risk is risk that cannot be taken as fulfilled its obligations when required, the result is not by means of sufficient liquidity in the bank (short term). b. Interest Rate Risk. Risks arising from interest rate change as a result of the mismatch position the bank, which result in interest rate by fluctuation in the money market. c. Credit Risk. Risks that arise when borrowers are unable to return the funds in loans and interest that must be paid. d. Productive assets are classified. Productive assets that have or do not contain the potential earnings for the banks. e. Risk Management. Risk is the cause of bank shares between themselves and other physical damage to fixed assets or other resources or may be not the availability of assets required at the time. f. Exchange Risk. Risks that arise because of changes in the exchange fluctuation risk. g. Sovereign

Risk. Risks arising from a debtor country prohibit the payment of a debt to the creditor country other countries. h. Legal Risk. A risk that arises as a result of the breach of regulations or incurred due to the juridical aspects related to the operational activities that are legal does not provide adequate protection as banks. i. Market Risk. Defined as the uncertainty caused by changes in market conditions. Value securities such as stocks, are determined by market conditions so that the result of shares to be uncertain and therefore risky. j. Operational Risk. Risks incurred by banks operating day-to-day, among which is caused by the credit decisions made by officials who did not comply with the authority.

“Financial statement is the product of financial accounting process. This process is government by generally accepted accounting principle, which determines them information that is included, how it is organized, measured, combined, and finally how it is presented in the financial statement.”

“American Institute of Certified Public Accountants, Accounting Principles Board (APB) Statement No.4, Basic Concept and Accounting Principles Underlying Financial Statement of Business Enterprises, AICPA, New York, 1970.”

BANK PERFORMANCE

Performance can be measured with the bank to analyze financial reports. In analyzing financial statements, the financial performance of the basic tools used to predict the position and financial performance in the future. Some of the bank's performance is measured based on the financial ratio is Return on Assets (ROA), Return on Equity (ROE), Loan to Deposit Ratio (LDR), and the Capital Adequacy Ratio (CAR). Return on assets is the ability of banks to obtain a return on some assets owned by banks. Return on assets can be obtained with the ratio between the profits before taxes by total assets. Return on Equity indicator is the ability to manage capital in the banks that are available to obtain the net profit. ROE can be obtained by calculating the ratio between the profits after tax to total equity. Loan to Deposit Ratio indicator is the ability to pay in the banking community and all funds with their own capital to control the credit is distributed to the public. LDR can be obtained with the ratio between the total loans, with a total deposit. Capital Adequacy Ratio is the ratio that shows how large the number of all bank assets that contain risks (credit, including, securities, bank charges on the other) joined financed from their own capital in addition to obtaining funds from sources outside the bank. Bank Indonesia to use CAR for the bank group level of health in addition to NPL (BI, 2005). Bank's financial performance reflects the ability of banks operating in the field of union funds, funds, technology and human resources. Financial performance of the bank are the bank's financial condition during the period of the particular aspects of the union funds and funds that are usually measured by indicators capital adequacy, liquidity, and the probability a bank (Juningan, in 2006 and Lestari Sugiharto, 2007).

RESEARCH METHOD

Objects used in this research are the publication of quarterly financial reports Public Private National Bank foreign exchange earned from the Bank Indonesia. Period quarterly financial reports that are collected for 5 years, namely 2003, 2004, 2005, 2006, and 2007 in the form of balance sheet and profit and loss reports from the respective bank. In this research will use a sample of 30 private commercial banks national income. This study attempts to see the performance of the Bank foreign exchange. The sample is limited to the 30 fruit bank foreign exchange. Bank is selected based on: quarterly financial report that foreign banks have been published by Bank Indonesia during the period 2003 to 2007. The amount of data that is treated as assumed. Grouping presented the following criteria based on the bank of over 2003 s/d in 2007. Analyzed for 30 foreign exchange banks.

Method used in this research includes qualitative and quantitative analysis of secondary data obtained from various sources. Data used in this research will come from the secondary data available to the public, such as data on the internet. In this research the author to obtain data such

as financial reports from the bank through the Bank Indonesia www.bi.go.id site than through the site, the author conducted a study to strengthen the library and support the writing of this, namely disjoint theories that are required in the discussion of the problem. Done with and learn how to read books, literature, journals, and writings relating to the issues that will be examined. Variable is a concept that has many different values. The variables of this research, namely: Free variables are the variables that influence or for which the changes or the occurrence of bound variables. In this research consists of a variable-free. Return on Assets (ROA), Return on Equity (ROE), Loan to Deposit Ratio (LDR). Bound variable is a variable that is affected or to become due, because of the variable-free. In this research the variables are bound, the Capital Adequacy Ratio (CAR). Test analysis tool that is used to test different test sample using a pair Willcoxon and multiple regression.

DISCUSSION AND ANALYSIS

Foreign exchange bank is a bank which can conduct transactions to foreign countries or related to the currency as a whole, for example, to transfer abroad, payment abroad, traveler's checks, and payment of Letter of Credit and other transactions. The requirements to become a foreign exchange bank are determined by Bank Indonesia. In the CAR test Multi co linearity Bank foreign exchange 2003-2007. Based on the table at the top of the CAR on Bank shows that income does not have free variables that have a tolerance value less than 10%, which means there is no correlation between variables. The result of the calculation the value of variance Inflation Factor (VIF) also shows the same thing that is not a free variable that has a VIF value of more than 10. Or testing can be done in the Eigen value, where there is no variable-free approach 0 and the price on condition Index value does not exceed 15. Thus, not suspected of multi co linearity problem. So it can be concluded that there is no free multi co linearity between variables in the model. CAR at the Foreign Exchange Bank 2003-2007. Durbin-Watson value of 1774, compared to the value of this table D ($\alpha = 0.05$: $n = 30$ and $k = 5$) obtained $dl = 1.21$ and $du = 1.65$, because the $DW > du$ ($1774 > 1, 65$), it can be said in this model does not occur autocorrelation. CAR at bank foreign exchange 2003-2007. Scatter plot graph of CAR on bank foreign exchange (attachment regression) collection point does not appear to form a certain pattern. Thus it can be said that regression is not to crash so heteroscedastisity regression model used is feasible to predict based on the CAR that is free to enter the variables ROA, ROE, and LDR. Model 0000 values significantly < 0.05 and $F \leq 2.89$ calculated in 2438 received the H_0 and test linearity met. Average ROA and ROE bank foreign exchange and non-bank foreign exchange there is a negative value, which means that there are a few samples of the loss so that the return value negative. Average ROA of 2003 s / d in 2007 is 3.11% with the lowest ROA -7.03% owned by Century Bank and the highest ROA of 99.62% is owned by the bank IFI. Average ROA of 2003 s / d in 2007 is 4.61% with the lowest ROA of -7.03% is owned by Century Bank ROA and the highest 99.62% owned by the bank IFI.

Average ROE both types of banks, the period of 2003 s / d in 2007 is 10.10% For foreign banks, the average ROE period of 2003 s / d in 2007 is 14.76% (greater than the average ROE both types of banks) with the lowest ROE of -14.46 IFI is owned by the bank and the highest ROE 26.90 % owned by Commerce Bank, while for non-bank foreign exchange average ROE period of 2003 s/d in 2007 is 5.45% (less than the average ROE both types of banks) with the lowest ROE of -86.51% owned bank of Federalism Indonesian and highest ROE 31.60% owned by the National Retirement Savings bank.

Average LDR both types of banks, the period of 2003 s/d in 2007 is 72.29% for foreign banks, the average LDR period of 2003 s / d in 2007 is 70.14% (smaller than the average of the two types of banks LDR) with the lowest LDR of 28.00% is owned by Century and the bank's highest LDR 209.90 % owned by Bank Artha Graha Internasional, while for non-bank foreign exchange LDR

average period of 2003 s / d in 2007 is 74.43% (more than the average of the two types of banks LDR) with the lowest LDR of 23.85% is owned bank Ancient Danarta and LDR highest 126.35% owned by the bank's Welfare Economics. Average CAR both types of banks, the period of 2003 s / d in 2007 is 26.53% for foreign banks, the average CAR period of 2003 s / d in 2007 is 19.09% (smaller than the average CAR both types of banks) with the lowest CAR of 9.95% is owned by the bank and the CAR's highest Haga 25.09 % owned by Bank Bumi Arta, while for non-bank foreign exchange average CAR period of 2003 s / d in 2007 is 33.97% (more than the average CAR both types of banks) with the lowest CAR of -11.20% owned bank federalism Indonesia and highest CAR 181.85% owned by the bank Ancient Danarta on the table for calculating the value of Z ROA 2003 with 2004 and ROA in 2004 with 2005 where Z is -1022 and -1201 is greater than Z table values of -1960 and significance 0307 and 0230 more than the 0.05 level of significance. H0 so that received HA and rejected, or in other words ROA foreign exchange bank in 2003 did not differ significantly with ROA 2004 and foreign exchange bank in 2004 did not differ significantly with ROA year 2005.

Similarly ROA for 2005 with 2006 Z where -2554 is lower than the Z table of significance value -1960 and 0011 was less than 0.05 level of significance. So HA H0 rejected and accepted, or in other words ROA foreign exchange bank in 2005 differ significantly with ROA year 2006. ROA for 2006 with 2007 is equal to -1130, which means more than the Z table values of -1960 and significance 0258 more than the 0.05 level of significance. H0 so that received HA and rejected, or in other words ROA foreign exchange bank in 2006 did not differ significantly with ROA year 2007 on the table for calculating the value of Z in 2003 with the ROE in 2004 and 2004 with 2005 is equal to -2469 and -3293, which means less than the Z table values of -1960 and significance 0014 and 0001 was less than 0.05 level of significance. So HA H0 rejected and accepted, or in other words ROE foreign exchange bank in 2003 with a significantly different ROE 2004, ROE and foreign exchange bank in 2004 with a significantly different ROE for 2005.

Similarly ROE for 2005 with 2006 Z where -3159 is lower than the Z table of significance value -1960 and 0002 was less than 0.05 level of significance. So HA H0 rejected and accepted, or in other words foreign exchange bank ROE 2005, ROE varies significantly with the year 2006. ROE for 2006 with 2007 Z where -0433 is greater than the Z table values of -1960 and significance 0665 more than the 0.05 level of significance. H0 so that received HA and rejected, or in other words ROE foreign exchange bank in 2006 did not differ significantly with ROE in 2007 on the table for calculating the value of Z LDR 2003 with 2004 is equal to -3014 and -2438, which means less than the Z table values of -1960 and significance 0003 and 0015 less than the significance level of 0.05. So HA H0 rejected and accepted, or in other words LDR foreign exchange bank in 2003 with a significantly different LDR 2004 and LDR foreign exchange bank in 2004 with the LDR significantly different in 2005. So also for LDR 2005 with 2006 and the year 2006 with the LDR in 2007 where Z is of -0227 and -1492 is greater than Z table values of -1960 and significance 0820 and 0136 more than the 0.05 level of significance. H0 so that received HA and rejected, or in other words LDR foreign exchange bank in 2005 did not differ significantly with the year 2006 and LDR foreign exchange bank in 2006 did not differ significantly in 2007 with the LDR on the table for calculating the value of Z CAR 2003 CAR 2004 and the year 2004 with 2005 where Z is of -1256 and -0752 is greater than Z table values of -1960 and significance 0209 and 0452 more than the 0.05 level of significance. H0 so that received HA and rejected, or in other words CAR foreign exchange bank in 2003 did not differ significantly with the CAR and the CAR in 2004 foreign exchange bank in 2004 did not differ significantly with the CAR in 2005. Similarly for the CAR in 2006 and 2005 with the CAR in 2006 with 2007 where Z is of -1664 and -0127 is greater than Z table values of -1960 and significance 0096 and 0899 more than the 0.05 level of significance.

H0 so that received HA and rejected, or in other words CAR foreign exchange bank in 2005 did not differ significantly with the CAR and the CAR of 2006 foreign exchange bank in 2006 did not differ significantly with the CAR in 2007. 4:19 on the table for calculating the value of Z ROA bank foreign exchange with non-bank foreign exchange is greater than -0010 Z table of -1960 and significance value greater than the 0.05 level of significance. H0 so that received HA and rejected, or in other words foreign exchange bank ROA is not significantly different with the non ROA income. Z value calculated ROE for banks with foreign non-bank foreign exchange ROE -2314 is lower than the Z table of -1960 and significance value less than 0.05 level of significance. So HA H0 rejected and accepted, or in other words ROE foreign exchange bank with ROE significantly different non-bank foreign exchange. Z values calculated for LDR bank foreign exchange with non-bank foreign exchange is greater than -1244 Z table of -1960 and significance value greater than the 0.05 level of significance. H0 so that received HA and rejected, or in other words LDR foreign bank does not vary significantly with income non LDR. Z values calculated for the foreign exchange banks with CAR non-bank foreign exchange is greater than -1592 Z table of -1960 and significance value greater than the 0.05 level of significance. So HA H0 rejected and accepted, or in other words CAR bank foreign exchange does not vary significantly with the CAR non-bank foreign exchange.

Coefficient value shows that only a calculated value of ROA for 5109 is greater than the table t in 2045. This is supported by the value significance that is less than 0.05 level of significance. So HA H0 rejected and accepted, this means that the Bank's foreign exchange ROA significantly affect the level of capital adequacy is measured with the Capital Adequacy Ratio (CAR). Value in the Anova table 4:21 shows that the ROA, a significant effect on the CAR, this we can see from the calculated $F_{11,268} > 2.89$ from the F table value and significance 0000 < 0.05 significance level. H0 rejected and so the HA is received, the CAR for foreign exchange bank is influenced by the ROA with constant coefficients 0350 and 13,532 in a linear regression equation is significant at the 95% level of trust. Without the ROA, the level of capital adequacy (CAR) is 13,532. Given the size of the ROA level capital adequacy (CAR) is 13,532 and each increase in ROA of 1 will increase the CAR of 0350. There is the influence of the foreign exchange bank ROA level health bank (CAR) is a 0565 (see table 4.22) or as much as 56.50% and 43.50% influenced by other factors.

Value shows that only the value of t calculated for the constant of 46,309 and ROA 3159 is larger than the table t in 2045. This is supported by the value significance that is less than 0.05. So HA H0 rejected and accepted, this means that the foreign exchange bank ROA and non-bank foreign exchange effect of the significant level of capital adequacy is measured with the Capital Adequacy Ratio (CAR). Anova value of 4:27 in the table shows that the ROA is significant to the CAR, this we can see from the countdown $7877 F > 2.89$ and the significance values 0046 < 0.05 significance level. H0 rejected and so the HA is received, the CAR for foreign exchange banks and non-bank foreign exchange is influenced by the ROA with constant coefficients 3159 and 46,309 in a linear regression equation is significant at the 95% level of trust.

ROA, without the size of the capital adequacy rate (CAR) is 46,309 and each increase in ROA of 1 will increase the CAR of 3159. There is the influence of foreign bank ROA and non-bank foreign exchange to the level of health bank (CAR) is a 0622 (see table 4.28) or as much as 62.20% and 37.80% influenced by other factors, of the three independent variables used, a variable ROA determines capital adequacy ratio (CAR) of Bank Non-bank foreign exchange and foreign exchange, but is not influenced by the ROE and LDR. ROA as the determination of control variables that affect the CAR shows assets, especially assets that can generate revenue / profit, as well as the risks that affect the ability of bank capital. Optimal management of assets that will generate the maximum return, which automatically increases the bank's capital. Where capital is

used to pay for the assets of the bank-risk (credit, including, securities, on the other bank charges).

CONCLUSION

Foreign bank that has the quality of facilities and better services, and capital assets and supported the less able to show it has increased performance, namely in terms of achievement of profit. Less successful foreign bank in its performance due to increase assets and capital is not managed optimally.

On the non-bank foreign exchange with the limitations that are owned, this bank is able to demonstrate performance. This we can see with the ability of non-bank foreign exchange to increase ROA and LDR.

The other hand, shows that less than optimal performance of both the bank, especially foreign exchange bank, is to see ROA, ROE, LDR, CAR is owned by the bank that does not comply with the standards required by Bank Indonesia, that is $\geq 2\%$ (ROA), $\geq 12\%$ (ROE), 85% - 110% (LDR), $\geq 12\%$ (CAR).

Changes may be made by both banks is how to utilize the excess of assets held, so the acquisition could increase the profit, while its performance in general. Of course, as the incidence of bad debts in the past, foreign exchange banks and non-bank foreign exchange should be more careful in allocating the surplus assets that are owned.

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