

Office of Thrift Supervision

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Handbook: Thrift Activities
Subject: Overall Conclusions
CAMELS Ratings

Sections: 070, 071
TB 69

January 10, 1997

Revised Rating System Disclosure of Component Ratings

RESCINDED

Summary: The Office of Thrift Supervision (OTS) has adopted an updated Uniform Financial Institutions Rating System (UFIRS). The revised rating system (see attachment) is effective for all examinations that begin after January 31, 1997. OTS will also begin to disclose component ratings for safety and soundness examinations at the same time.

For Further Information Contact: Your OTS Regional Office or William J. Magrini (202-906-5744) or Mary Jo Johnson (202-906-5739) of Supervision Policy, Washington, DC.

Thrift Bulletin 69

Background

Revised UFIRS

The Federal Financial Institutions Examination Council's (FFIEC) Task Force on Supervision, acting under delegated authority, has approved an updated Uniform Financial Institutions Rating System, historically referred to as the CAMEL rating system. The former CAMEL rating system produced a composite rating of an institution's overall condition and performance by assessing five rating components: Capital adequacy, Asset quality, Management, Earnings, and Liquidity.

The revised rating system, which was published by FFIEC in the *Federal Register* on December 19, 1996, was part of an interagency effort to update the composite and component rating definitions and address changes in the financial services industry and in supervisory policies and procedures occurring since the rating system was adopted in 1979. The revised rating system places additional emphasis on manage-

ment's effectiveness in identifying, measuring, monitoring and controlling risk. Two principal enhancements have been made to update the rating system while retaining its basic framework. First, the evaluation of interest rate and other non-credit financial risks has been moved from the Liquidity and other components to a new sixth component called "Sensitivity to Market Risk." Thus, the revised rating system acronym is CAMELS. The new "S" component rating will address the degree that changes in interest rates, commodity prices, and equity prices could adversely affect the institution's earnings or economic capital. The new component, while broad in scope, will only focus on those elements that are relevant to the institution being examined. For example, foreign exchange and price risks may not be relevant to some thrifts and thus their "S" component rating will primarily focus on interest-rate risk.

Another noteworthy change is that the definitions for composite 1-, 2-, and 3-rated institutions establish more explicit guidance for the component ratings. For composite 1-rated institutions, all components should generally be rated 1 or 2. For composite 2-rated institutions, component ratings should normally be no worse than 3; and for composite 3-rated institutions, none of the

component ratings should be worse than 4. Such guidance, while not an absolute requirement, is more specific than current CAMEL rating guidance.

The revised rating system should not add to examination time or regulatory burden on financial institutions since it includes factors that examiners have routinely considered, but were not explicitly reflected in the former rating system.

Disclosure of Component Ratings

Concurrent with the adoption of the new rating system, OTS will also begin disclosing, to institutions being examined, the CAMELS component ratings in the Report of Examination (ROE). OTS has heretofore only disclosed the CAMEL overall (composite) rating in the ROE. OTS believes that such disclosure of the CAMELS component ratings will encourage a more complete and open discussion of examination findings and recommendations between examiners and institution management. In addition, disclosure of the CAMELS component ratings should provide management with a better understanding of how the composite rating is derived, and enable them to better address any weaknesses in specific areas before it becomes nec-

Thrift Bulletin

TB 69

essary to downgrade the institution's overall (composite) rating.

The following rating disclosure procedures will be implemented for all safety and soundness examinations, including joint and concurrent examinations, conducted by the OTS. Component ratings assigned for examinations that begin on or before January 31, 1997, will not be disclosed in discussions with management or in the ROE. We are developing plans for implementing disclosure of specialty examination components, where applicable.

Implementation Guidance

CAMELS

The ROE, currently a word processing document, is being converted into a Microsoft Word document.

OTS expects to implement this change in the second quarter of 1997. Until then, the current Miscellaneous page of the ROE will be used to accommodate the Sensitivity to Market Risk component. It will be stored in the Examination Data Package (EDP) to follow the Liquidity-ALM page; however, the naming convention of the document will continue to be listed as "S1-Miscellaneous." The page itself has been revised with the new header and component description. Prior to transferring the ROE to Washington, the S1-Miscellaneous page should be deleted for examinations currently in progress. The existing ROE CAMEL pages have been revised to reflect the updated component descriptions. The composite rating definitions and the ROE index have also been revised accordingly.

Pursuant to the current ROE Instructions, the Examination Conclusions and Comments page of the ROE will continue to list, at the top of the page, the Composite Uniform Financial Institution Rating for the current examination and for the two previous examinations. A heading "Component Ratings:" and the name of each CAMELS component—Capital Adequacy, Asset Quality, Management, Earnings, Liquidity - Asset/Liability Management, and Sensitivity to Market Risk have been added directly under the heading for the composite rating. To the right of each component heading, add the numerical rating assigned for that component.

The composite rating and each of the component ratings will line up vertically on the Examination Conclusions and Comments page as follows:

EXAMINATION CONCLUSIONS AND COMMENTS			
	Current Exam Date > (Date)	Prior Exam (Date)	Prior Exam (Date)
Composite Uniform Financial Institution Rating	> _____	_____	_____
Component Ratings:			
Capital Adequacy	> _____		
Asset Quality	> _____		
Management	> _____		
Earnings	> _____		
Liquidity/ALM	> _____		
Sensitivity to Market Risk	> _____		
> <u>(insert name of EIC)</u> , Examiner in Charge (Signature) > <u>(insert name of Additional Sign-Off and title)</u> (Signature)			

Thrift Bulletin

TB 69

The assigned component rating should be added to the top left corner of each core component page. Report comments on the Examination Conclusions and Comments page and on other related schedules throughout the report should fully support the component and composite ratings assigned. The individual core page for a component rating should continue to contain a clear and thorough discussion of that component. Component ratings should be supported with selected use of statistics (as necessary) and with language that is clear and informative, appropriate in tone, and which, in general, explains the examiner's assignments, conclusions, and reasoning.

Descriptions of the component ratings are available in the attachment to this bulletin and can be provided separately to institution management, upon request. Section 071, CAMEL Ratings, of the Thrift Activities Handbook will be revised to reflect the revised UFIRS and disclosure requirements and will be distributed in the near future.

Modifications will be made to the Examination Data System (EDS) part III to capture the new "S" component. With the exception of the Docket Detail Print and the Examination History, existing output reports will not be modified. The new Thrift Information Manage-

ment System (TIMS), which will be available at the end of the first quarter, will reflect the rating changes. TIMS is a newly designed system that will house all of the supervisory and regulatory monitoring systems such as the Output Report System (ORS) and the Thrift Financial Report (TFR).

Disclosure of Component Ratings— Management Discussions

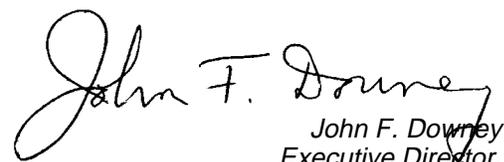
Examiners will disclose component ratings at exit conferences with senior management and, when appropriate, the board of directors. Examiners should obtain sufficient concurrence with the ratings from regional management, so that the component ratings disclosed are final, or subject to revisions only in rare instances. If the ratings are subject to further review, the examiner should disclose to thrift management that the ratings are not final. Each Regional Director will establish regional review office procedures to implement this policy.

During the discussion, examiners are expected to discuss the factors considered in assigning each component rating as well as the overall composite rating. Examiners should indicate that the composite rating is based on a careful evaluation of an institution's managerial, operational and financial performance as well as compliance with laws and regula-

tions. The composite rating assigned is not based on an arithmetic average of the components, but is based on a qualitative analysis of the factors comprising each component, the interrelationship between components, and, more importantly, the overall level of supervisory concern.

The quality of management is the single most important element in the successful operation of a savings association, and is usually the factor that is most indicative of how well risk is identified, measured, monitored, and controlled. For this reason, examiners should take sufficient time to review and explain to senior management and, when appropriate, to the board of directors, the factors considered when assigning a management component rating and the meaning of the assigned rating. Examiners' written comments in support of the management rating should include an assessment of the effectiveness of existing processes to identify, measure, monitor, and control risk. Finally, management should be reminded that the UFIRS composite and component ratings disclosed in the examination report remain subject to the confidentiality rules imposed by 12 C.F.R. Part 510 of the OTS Regulations. This includes the verbal disclosures made at the conclusion of the examination.

Attachment


John F. Downey
Executive Director,
Supervision



UNIFORM FINANCIAL INSTITUTIONS¹ RATING SYSTEM

Introduction

The Uniform Financial Institutions Rating System (UFIRS) was adopted by the Federal Financial Institutions Examination Council (FFIEC) on November 13, 1979. Over the years, the UFIRS has proven to be an effective internal supervisory tool for evaluating the soundness of financial institutions on a uniform basis and for identifying those institutions requiring special attention or concern. A number of changes, however, have occurred in the banking industry and in the Federal supervisory agencies' policies and procedures which have prompted a review and revision of the 1979 rating system. The revisions to UFIRS include the addition of a sixth component addressing sensitivity to market risks, the explicit reference to the quality of risk management processes in the management component, and the identification of risk elements within the composite and component rating descriptions.

The revisions to UFIRS are not intended to add to the regulatory burden of institutions or require additional policies or processes. The revisions are intended to promote and complement efficient examination processes. The revisions have been made to update the rating system, while retaining the basic framework of the original rating system.

The UFIRS takes into consideration certain financial, managerial, and compliance factors that are common to all institutions. Under this system, the supervisory agencies endeavor to ensure that all financial institutions are evaluated in a comprehensive and uniform manner, and that supervisory attention is appropriately focused on the financial institutions exhibiting financial and operational weaknesses or adverse trends.

¹ For purposes of this rating system, the term "financial institution" refers to those insured depository institutions whose primary Federal supervisory agency is represented on the Federal Financial Institutions Examination Council (FFIEC). The agencies comprising the FFIEC are the Board of Governors of the Federal Reserve System, the Federal Deposit Insurance Corporation, the National Credit Union Administration, the Office of the Comptroller of the Currency, and the Office of Thrift Supervision. The term "financial institution" includes Federally supervised commercial banks, savings and loan associations, mutual savings banks, and credit unions.

The UFIRS also serves as a useful vehicle for identifying problem or deteriorating financial institutions, as well as for categorizing institutions with deficiencies in particular component areas. Further, the rating system assists Congress in following safety and soundness trends and in assessing the aggregate strength and soundness of the financial industry. As such, the UFIRS assists the agencies in fulfilling their collective mission of maintaining stability and public confidence in the nation's financial system.

Overview

Under the UFIRS, each financial institution is assigned a composite rating based on an evaluation and rating of six essential components of an institution's financial condition and operations. These component factors address the adequacy of capital, the quality of assets, the capability of management, the quality and level of earnings, the adequacy of liquidity, and the sensitivity to market risk. Evaluations of the components take into consideration the institution's size and sophistication, the nature and complexity of its activities, and its risk profile.

Composite and component ratings are assigned based on a 1 to 5 numerical scale. A 1 indicates the highest rating, strongest performance and risk management practices, and least degree of supervisory concern, while a 5 indicates the lowest rating, weakest performance, inadequate risk management practices and, therefore, the highest degree of supervisory concern.

The composite rating generally bears a close relationship to the component ratings assigned. However, the composite rating is not derived by computing an arithmetic average of the component ratings. Each component rating is based on a qualitative analysis of the factors comprising that component and its interrelationship with the other components. When assigning a composite rating, some components may be given more weight than others depending on the situation at the institution. In general, assignment of a composite rating may incorporate any factor that bears significantly on the overall condition and soundness of the financial institution. Assigned composite and component ratings are disclosed to the institution's board of directors and senior management.

The ability of management to respond to changing circumstances and to address the risks that may arise from changing business conditions, or the initiation of new activities or products, is an important factor in evaluating a financial institution's overall risk profile and the level of supervisory attention warranted. For this reason, the management component is given special consideration when assigning a composite rating.

The ability of management to identify, measure, monitor, and control the risks of its operations is also taken into account when assigning each component rating. It is recognized, however, that appropriate management practices vary considerably among financial institutions, depending on their size, complexity, and risk profile. For less complex institutions engaged solely in traditional banking activities and whose directors

and senior managers, in their respective roles, are actively involved in the oversight and management of day-to-day operations, relatively basic management systems and controls may be adequate. At more complex institutions, on the other hand, detailed and formal management systems and controls are needed to address their broader range of financial activities and to provide senior managers and directors, in their respective roles, with the information they need to monitor and direct day-to-day activities. All institutions are expected to properly manage their risks. For less complex institutions engaging in less sophisticated risk taking activities, detailed or highly formalized management systems and controls are not required to receive strong or satisfactory component or composite ratings.

Foreign Branch and specialty examination findings and the ratings assigned to those areas are taken into consideration, as appropriate, when assigning component and composite ratings under UFIRS. The specialty examination areas include: Compliance, Community Reinvestment, Government Security Dealers, Information Systems, Municipal Security Dealers, Transfer Agent, and Trust.

The following two sections contain the composite rating definitions, and the descriptions and definitions for the six component ratings.

COMPOSITE RATINGS

Composite ratings are based on a careful evaluation of an institution's managerial, operational, financial, and compliance performance. The six key components used to assess an institution's financial condition and operations are: capital adequacy, asset quality, management capability, earnings quantity and quality, the adequacy of liquidity, and sensitivity to market risk. The rating scale ranges from 1 to 5, with a rating of 1 indicating: the strongest performance and risk management practices relative to the institution's size, complexity, and risk profile; and the level of least supervisory concern. A 5 rating indicates: the most critically deficient level of performance; inadequate risk management practices relative to the institution's size, complexity, and risk profile; and the greatest supervisory concern. The composite ratings are defined as follows:

Composite 1

Financial institutions in this group are sound in every respect and generally have components rated 1 or 2. Any weaknesses are minor and can be handled in a routine manner by the board of directors and management. These financial institutions are the most capable of withstanding the vagaries of business conditions and are resistant to outside influences such as economic instability in their trade area. These financial institutions are in substantial compliance with laws and regulations. As a result, these financial institutions exhibit the strongest performance and risk management practices relative to the institution's size, complexity, and risk profile, and give no cause for supervisory concern.

Composite 2

Financial institutions in this group are fundamentally sound. For a financial institution to receive this rating, generally no component rating should be more severe than 3. Only moderate weaknesses are present and are well within the board of directors' and management's capabilities and willingness to correct. These financial institutions are stable and are capable of withstanding business fluctuations. These financial institutions are in substantial compliance with laws and regulations. Overall risk management practices are satisfactory relative to the institution's size, complexity, and risk profile. There are no material supervisory concerns and, as a result, the supervisory response is informal and limited.

Composite 3

Financial institutions in this group exhibit some degree of supervisory concern in one or more of the component areas. These financial institutions exhibit a combination of weaknesses that may range from moderate to severe; however, the magnitude of the deficiencies generally will not cause a component to be rated more severely than 4. Management may lack the ability or willingness to effectively address weaknesses within appropriate time frames. Financial institutions in this group generally are less capable of withstanding business fluctuations and are more vulnerable to outside influences than those institutions rated a composite 1 or 2. Additionally, these financial institutions may be in significant noncompliance with laws and regulations. Risk management practices may be less than satisfactory relative to the institution's size, complexity, and risk profile. These financial institutions require more than normal supervision, which may include formal or informal enforcement actions. Failure appears unlikely, however, given the overall strength and financial capacity of these institutions.

Composite 4

Financial institutions in this group generally exhibit unsafe and unsound practices or conditions. There are serious financial or managerial deficiencies that result in unsatisfactory performance. The problems range from severe to critically deficient. The weaknesses and problems are not being satisfactorily addressed or resolved by the board of directors and management. Financial institutions in this group generally are not capable of withstanding business fluctuations. There may be significant noncompliance with laws and regulations. Risk management practices are generally unacceptable relative to the institution's size, complexity, and risk profile. Close supervisory attention is required, which means, in most cases, formal enforcement action is necessary to address the problems. Institutions in this group pose a risk to the deposit insurance fund. Failure is a distinct possibility if the problems and weaknesses are not satisfactorily addressed and resolved.

Composite 5

Financial institutions in this group exhibit extremely unsafe and unsound practices or conditions; exhibit a critically deficient performance; often contain inadequate risk management practices relative to the institution's size, complexity, and risk profile; and are of the greatest supervisory concern. The volume and severity of problems are beyond management's ability or willingness to control or correct. Immediate outside financial or other assistance is needed in order for the financial institution to be viable. Ongoing supervisory attention is necessary. Institutions in this group pose a significant risk to the deposit insurance fund and failure is highly probable.

COMPONENT RATINGS

Each of the component rating descriptions is divided into three sections: an introductory paragraph; a list of the principal evaluation factors that relate to that component; and a brief description of each numerical rating for that component. Some of the evaluation factors are reiterated under one or more of the other components to reinforce the interrelationship between components. The listing of evaluation factors for each component rating is in no particular order of importance.

Capital Adequacy

A financial institution is expected to maintain capital commensurate with the nature and extent of risks to the institution and the ability of management to identify, measure, monitor, and control these risks. The effect of credit, market, and other risks on the institution's financial condition should be considered when evaluating the adequacy of capital. The types and quantity of risk inherent in an institution's activities will determine the extent to which it may be necessary to maintain capital at levels above required regulatory minimums to properly reflect the potentially adverse consequences that these risks may have on the institution's capital.

The capital adequacy of an institution is rated based upon, but not limited to, an assessment of the following evaluation factors:

- The level and quality of capital and the overall financial condition of the institution.
- The ability of management to address emerging needs for additional capital.
- The nature, trend, and volume of problem assets, and the adequacy of allowances for loan and lease losses and other valuation reserves.
- Balance sheet composition, including the nature and amount of intangible assets, market risk, concentration risk, and risks associated with nontraditional activities.
- Risk exposure represented by off-balance sheet activities.
- The quality and strength of earnings, and the reasonableness of dividends.

- Prospects and plans for growth, as well as past experience in managing growth.
- Access to capital markets and other sources of capital, including support provided by a parent holding company.

Ratings

- 1 A rating of 1 indicates a strong capital level relative to the institution's risk profile.
- 2 A rating of 2 indicates a satisfactory capital level relative to the financial institution's risk profile.
- 3 A rating of 3 indicates a less than satisfactory level of capital that does not fully support the institution's risk profile. The rating indicates a need for improvement, even if the institution's capital level exceeds minimum regulatory and statutory requirements.
- 4 A rating of 4 indicates a deficient level of capital. In light of the institution's risk profile, viability of the institution may be threatened. Assistance from shareholders or other external sources of financial support may be required.
- 5 A rating of 5 indicates a critically deficient level of capital such that the institution's viability is threatened. Immediate assistance from shareholders or other external sources of financial support is required.

Asset Quality

The asset quality rating reflects the quantity of existing and potential credit risk associated with the loan and investment portfolios, other real estate owned, and other assets, as well as off-balance sheet transactions. The ability of management to identify, measure, monitor, and control credit risk is also reflected here. The evaluation of asset quality should consider the adequacy of the allowance for loan and lease losses and weigh the exposure to counterparty, issuer, or borrower default under actual or implied contractual agreements. All other risks that may affect the value or marketability of an institution's assets, including, but not limited to, operating, market, reputation, strategic, or compliance risks, should also be considered.

The asset quality of a financial institution is rated based upon, but not limited to, an assessment of the following evaluation factors:

- The adequacy of underwriting standards, soundness of credit administration practices, and appropriateness of risk identification practices.
- The level, distribution, severity, and trend of problem, classified, nonaccrual, restructured, delinquent, and nonperforming assets for both on- and off-balance sheet transactions.
- The adequacy of the allowance for loan and lease losses and other asset valuation

reserves.

- The credit risk arising from or reduced by off-balance sheet transactions, such as unfunded commitments, credit derivatives, commercial and standby letters of credit, and lines of credit.
- The diversification and quality of the loan and investment portfolios.
- The extent of securities underwriting activities and exposure to counterparties in trading activities.
- The existence of asset concentrations.
- The adequacy of loan and investment policies, procedures, and practices.
- The ability of management to properly administer its assets, including the timely identification and collection of problem assets.
- The adequacy of internal controls and management information systems.
- The volume and nature of credit documentation exceptions.

Ratings

- 1** A rating of 1 indicates strong asset quality and credit administration practices. Identified weaknesses are minor in nature and risk exposure is modest in relation to capital protection and management's abilities. Asset quality in such institutions is of minimal supervisory concern.
- 2** A rating of 2 indicates satisfactory asset quality and credit administration practices. The level and severity of classifications and other weaknesses warrant a limited level of supervisory attention. Risk exposure is commensurate with capital protection and management's abilities.
- 3** A rating of 3 is assigned when asset quality or credit administration practices are less than satisfactory. Trends may be stable or indicate deterioration in asset quality or an increase in risk exposure. The level and severity of classified assets, other weaknesses, and risks require an elevated level of supervisory concern. There is generally a need to improve credit administration and risk management practices.
- 4** A rating of 4 is assigned to financial institutions with deficient asset quality or credit administration practices. The levels of risk and problem assets are significant, inadequately controlled, and subject the financial institution to potential losses that, if left unchecked, may threaten its viability.
- 5** A rating of 5 represents critically deficient asset quality or credit administration practices that present an imminent threat to the institution's viability.

Management

The capability of the board of directors and management, in their respective roles, to identify, measure, monitor, and control the risks of an institution's activities and to ensure

a financial institution's safe, sound, and efficient operation in compliance with applicable laws and regulations is reflected in this rating. Generally, directors need not be actively involved in day-to-day operations; however, they must provide clear guidance regarding acceptable risk exposure levels and ensure that appropriate policies, procedures, and practices have been established. Senior management is responsible for developing and implementing policies, procedures, and practices that translate the board's goals, objectives, and risk limits into prudent operating standards.

Depending on the nature and scope of an institution's activities, management practices may need to address some or all of the following risks: credit, market, operating or transaction, reputation, strategic, compliance, legal, liquidity, and other risks. Sound management practices are demonstrated by: active oversight by the board of directors and management; competent personnel; adequate policies, processes, and controls taking into consideration the size and sophistication of the institution; maintenance of an appropriate audit program and internal control environment; and effective risk monitoring and management information systems. This rating should reflect the board's and management's ability as it applies to all aspects of banking operations as well as other financial service activities in which the institution is involved.

The capability and performance of management and the board of directors is rated based upon, but not limited to, an assessment of the following evaluation factors:

- The level and quality of oversight and support of all institution activities by the board of directors and management.
- The ability of the board of directors and management, in their respective roles, to plan for, and respond to, risks that may arise from changing business conditions or the initiation of new activities or products.
- The adequacy of, and conformance with, appropriate internal policies and controls addressing the operations and risks of significant activities.
- The accuracy, timeliness, and effectiveness of management information and risk monitoring systems appropriate for the institution's size, complexity, and risk profile.
- The adequacy of audits and internal controls to: promote effective operations and reliable financial and regulatory reporting; safeguard assets; and ensure compliance with laws, regulations, and internal policies.
- Compliance with laws and regulations.
- Responsiveness to recommendations from auditors and supervisory authorities.
- Management depth and succession.
- The extent that the board of directors and management is affected by, or susceptible to, dominant influence or concentration of authority.
- Reasonableness of compensation policies and avoidance of self-dealing.
- Demonstrated willingness to serve the legitimate banking needs of the community.
- The overall performance of the institution and its risk profile.

Ratings

- 1** A rating of 1 indicates strong performance by management and the board of directors and strong risk management practices relative to the institution's size, complexity, and risk profile. All significant risks are consistently and effectively identified, measured, monitored, and controlled. Management and the board have demonstrated the ability to promptly and successfully address existing and potential problems and risks.
- 2** A rating of 2 indicates satisfactory management and board performance and risk management practices relative to the institution's size, complexity, and risk profile. Minor weaknesses may exist, but are not material to the safety and soundness of the institution and are being addressed. In general, significant risks and problems are effectively identified, measured, monitored, and controlled.
- 3** A rating of 3 indicates management and board performance that need improvement or risk management practices that are less than satisfactory given the nature of the institution's activities. The capabilities of management or the board of directors may be insufficient for the type, size, or condition of the institution. Problems and significant risks may be inadequately identified, measured, monitored, or controlled.
- 4** A rating of 4 indicates deficient management and board performance or risk management practices that are inadequate considering the nature of an institution's activities. The level of problems and risk exposure is excessive. Problems and significant risks are inadequately identified, measured, monitored, or controlled and require immediate action by the board and management to preserve the soundness of the institution. Replacing or strengthening management or the board may be necessary.
- 5** A rating of 5 indicates critically deficient management and board performance or risk management practices. Management and the board of directors have not demonstrated the ability to correct problems and implement appropriate risk management practices. Problems and significant risks are inadequately identified, measured, monitored, or controlled and now threaten the continued viability of the institution. Replacing or strengthening management or the board of directors is necessary.

Earnings

This rating reflects not only the quantity and trend of earnings, but also factors that may affect the sustainability or quality of earnings. The quantity as well as the quality of earnings can be affected by excessive or inadequately managed credit risk that may result in loan losses and require additions to the allowance for loan and lease losses, or by high

levels of market risk that may unduly expose an institution's earnings to volatility in interest rates. The quality of earnings may also be diminished by undue reliance on extraordinary gains, nonrecurring events, or favorable tax effects. Future earnings may be adversely affected by an inability to forecast or control funding and operating expenses, improperly executed or ill-advised business strategies, or poorly managed or uncontrolled exposure to other risks.

The rating of an institution's earnings is based upon, but not limited to, an assessment of the following evaluation factors:

- The level of earnings, including trends and stability.
- The ability to provide for adequate capital through retained earnings.
- The quality and sources of earnings.
- The level of expenses in relation to operations.
- The adequacy of the budgeting systems, forecasting processes, and management information systems in general.
- The adequacy of provisions to maintain the allowance for loan and lease losses and other valuation allowance accounts.
- The earnings exposure to market risk such as interest rate, foreign exchange, and price risks.

Ratings

- 1** A rating of 1 indicates earnings that are strong. Earnings are more than sufficient to support operations and maintain adequate capital and allowance levels after consideration is given to asset quality, growth, and other factors affecting the quality, quantity, and trend of earnings.
- 2** A rating of 2 indicates earnings that are satisfactory. Earnings are sufficient to support operations and maintain adequate capital and allowance levels after consideration is given to asset quality, growth, and other factors affecting the quality, quantity, and trend of earnings. Earnings that are relatively static, or even experiencing a slight decline, may receive a 2 rating provided the institution's level of earnings is adequate in view of the assessment factors listed above.
- 3** A rating of 3 indicates earnings that need to be improved. Earnings may not fully support operations and provide for the accretion of capital and allowance levels in relation to the institution's overall condition, growth, and other factors affecting the quality, quantity, and trend of earnings.
- 4** A rating of 4 indicates earnings that are deficient. Earnings are insufficient to support operations and maintain appropriate capital and allowance levels. Institutions so rated may be characterized by erratic fluctuations in net income or

net interest margin, the development of significant negative trends, nominal or unsustainable earnings, intermittent losses, or a substantive drop in earnings from the previous years.

- 5** A rating of 5 indicates earnings that are critically deficient. A financial institution with earnings rated 5 is experiencing losses that represent a distinct threat to its viability through the erosion of capital.

Liquidity

In evaluating the adequacy of a financial institution's liquidity position, consideration should be given to the current level and prospective sources of liquidity compared to funding needs, as well as to the adequacy of funds management practices relative to the institution's size, complexity, and risk profile. In general, funds management practices should ensure that an institution is able to maintain a level of liquidity sufficient to meet its financial obligations in a timely manner and to fulfill the legitimate banking needs of its community. Practices should reflect the ability of the institution to manage unplanned changes in funding sources, as well as react to changes in market conditions that affect the ability to quickly liquidate assets with minimal loss. In addition, funds management practices should ensure that liquidity is not maintained at a high cost, or through undue reliance on funding sources that may not be available in times of financial stress or adverse changes in market conditions.

Liquidity is rated based upon, but not limited to, an assessment of the following evaluation factors:

- The adequacy of liquidity sources compared to present and future needs and the ability of the institution to meet liquidity needs without adversely affecting its operations or condition.
- The availability of assets readily convertible to cash without undue loss.
- Access to money markets and other sources of funding.
- The level of diversification of funding sources, both on- and off-balance sheet.
- The degree of reliance on short-term, volatile sources of funds, including borrowings and brokered deposits, to fund longer term assets.
- The trend and stability of deposits.
- The ability to securitize and sell certain pools of assets.
- The capability of management to properly identify, measure, monitor, and control the institution's liquidity position, including the effectiveness of funds management strategies, liquidity policies, management information systems, and contingency funding plans.

Ratings

- 1** A rating of 1 indicates strong liquidity levels and well-developed funds management practices. The institution has reliable access to sufficient sources of

funds on favorable terms to meet present and anticipated liquidity needs.

- 2** A rating of 2 indicates satisfactory liquidity levels and funds management practices. The institution has access to sufficient sources of funds on acceptable terms to meet present and anticipated liquidity needs. Modest weaknesses may be evident in funds management practices.
- 3** A rating of 3 indicates liquidity levels or funds management practices in need of improvement. Institutions rated 3 may lack ready access to funds on reasonable terms or may evidence significant weaknesses in funds management practices.
- 4** A rating of 4 indicates deficient liquidity levels or inadequate funds management practices. Institutions rated 4 may not have or be able to obtain a sufficient volume of funds on reasonable terms to meet liquidity needs.
- 5** A rating of 5 indicates liquidity levels or funds management practices so critically deficient that the continued viability of the institution is threatened. Institutions rated 5 require immediate external financial assistance to meet maturing obligations or other liquidity needs.

Sensitivity to Market Risk

The sensitivity to market risk component reflects the degree to which changes in interest rates, foreign exchange rates, commodity prices, or equity prices can adversely affect a financial institution's earnings or economic capital. When evaluating this component, consideration should be given to: management's ability to identify, measure, monitor, and control market risk; the institution's size; the nature and complexity of its activities; and the adequacy of its capital and earnings in relation to its level of market risk exposure.

For many institutions, the primary source of market risk arises from nontrading positions and their sensitivity to changes in interest rates. In some larger institutions, foreign operations can be a significant source of market risk. For some institutions, trading activities are a major source of market risk.

Market risk is rated based upon, but not limited to, an assessment of the following evaluation factors:

- The sensitivity of the financial institution's earnings or the economic value of its capital to adverse changes in interest rates, foreign exchanges rates, commodity prices, or equity prices.
- The ability of management to identify, measure, monitor, and control exposure to market risk given the institution's size, complexity, and risk profile.

- The nature and complexity of interest rate risk exposure arising from nontrading positions.
- Where appropriate, the nature and complexity of market risk exposure arising from trading and foreign operations.

Ratings

- 1** A rating of 1 indicates that market risk sensitivity is well controlled and that there is minimal potential that the earnings performance or capital position will be adversely affected. Risk management practices are strong for the size, sophistication, and market risk accepted by the institution. The level of earnings and capital provide substantial support for the degree of market risk taken by the institution.
- 2** A rating of 2 indicates that market risk sensitivity is adequately controlled and that there is only moderate potential that the earnings performance or capital position will be adversely affected. Risk management practices are satisfactory for the size, sophistication, and market risk accepted by the institution. The level of earnings and capital provide adequate support for the degree of market risk taken by the institution.
- 3** A rating of 3 indicates that control of market risk sensitivity needs improvement or that there is significant potential that the earnings performance or capital position will be adversely affected. Risk management practices need to be improved given the size, sophistication, and level of market risk accepted by the institution. The level of earnings and capital may not adequately support the degree of market risk taken by the institution.
- 4** A rating of 4 indicates that control of market risk sensitivity is unacceptable or that there is high potential that the earnings performance or capital position will be adversely affected. Risk management practices are deficient for the size, sophistication, and level of market risk accepted by the institution. The level of earnings and capital provide inadequate support for the degree of market risk taken by the institution.
- 5** A rating of 5 indicates that control of market risk sensitivity is unacceptable or that the level of market risk taken by the institution is an imminent threat to its viability. Risk management practices are wholly inadequate for the size, sophistication, and level of market risk accepted by the institution.