

## Standard & Poor's Ratings Definitions

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# Standard & Poor's Ratings Definitions

*(Editor's Note: We've republished the Standard & Poor's ratings definitions following the inactivation of the 'EX' identifier.)*

## Standard & Poor's Disclaimers

The analyses, including ratings, of Standard & Poor's and its affiliates (together, Standard & Poor's) are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold, or sell any securities or make any investment decisions. Standard & Poor's assumes no obligation to update any information following publication. Users of ratings or other analyses should not rely on them in making any investment decision. Standard & Poor's opinions and analyses do not address the suitability of any security. Standard & Poor's does not act as a fiduciary or an investment advisor except where registered as such. While Standard & Poor's has obtained information from sources it believes to be reliable, Standard & Poor's does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives. Ratings and other opinions may be changed, suspended, or withdrawn at any time.

1. This document contains Standard & Poor's rating definitions. The definitions are classified into two types; general-purpose credit ratings and special-purpose ratings. Ratings use letters, numbers and/or words to summarize the opinion. The rating definition provides the meaning of the letters, numbers and/or words. Additionally, some ratings have qualifiers, suffixes and/or identifiers attached. Definitions of this supplementary information are included.
2. Eight sections detail the ratings definitions. Section I describes the general-purpose credit rating, both issuer and issuer credit ratings, and the long-term and short-term credit ratings. Section II provides information on CreditWatch, rating outlooks and local currency and foreign currency ratings. Ten types of special-purpose ratings are detailed in section III. Qualifiers are covered in section IV. Section V details national and regional scale ratings. Other credit related opinions are described in section VI. Section VII details seven other identifiers. Section VIII includes a list of contacts for further information.
3. Standard & Poor's provides other services not covered in this document. Information about other products and services is located on Standard & Poor's Web site at <http://www.standardandpoors.com>.

## I. GENERAL-PURPOSE CREDIT RATINGS

4. The following sets of rating definitions are for long-term and short-term credit ratings for both issuer and issue ratings. These types of credit ratings cover the broadest set of credit risk factors and are not limited in scope. Some refer to these as the "traditional" credit ratings.

### A. Issue Credit Ratings

5. A Standard & Poor's issue credit rating is a forward-looking opinion about the creditworthiness of an obligor with respect to a specific financial obligation, a specific class of financial obligations, or a specific financial program (including ratings on medium-term note programs and commercial paper programs). It takes into consideration the

creditworthiness of guarantors, insurers, or other forms of credit enhancement on the obligation and takes into account the currency in which the obligation is denominated. The opinion reflects Standard & Poor's view of the obligor's capacity and willingness to meet its financial commitments as they come due, and may assess terms, such as collateral security and subordination, which could affect ultimate payment in the event of default.

6. Issue credit ratings can be either long-term or short-term. Short-term ratings are generally assigned to those obligations considered short-term in the relevant market. In the U.S., for example, that means obligations with an original maturity of no more than 365 days—including commercial paper. Short-term ratings are also used to indicate the creditworthiness of an obligor with respect to put features on long-term obligations. The result is a dual rating, in which the short-term rating addresses the put feature, in addition to the usual long-term rating. Medium-term notes are assigned long-term ratings.

### **1. Long-Term Issue Credit Ratings**

7. Issue credit ratings are based, in varying degrees, on Standard & Poor's analysis of the following considerations:

- Likelihood of payment—capacity and willingness of the obligor to meet its financial commitment on an obligation in accordance with the terms of the obligation;
- Nature of and provisions of the obligation;
- Protection afforded by, and relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under the laws of bankruptcy and other laws affecting creditors' rights.

8. Issue ratings are an assessment of default risk, but may incorporate an assessment of relative seniority or ultimate recovery in the event of default. Junior obligations are typically rated lower than senior obligations, to reflect the lower priority in bankruptcy, as noted above. (Such differentiation may apply when an entity has both senior and subordinated obligations, secured and unsecured obligations, or operating company and holding company obligations.)

Table 1

Long-Term Issue Credit Ratings*	
Category	Definition
<b>AAA</b>	An obligation rated 'AAA' has the highest rating assigned by Standard & Poor's. The obligor's capacity to meet its financial commitment on the obligation is extremely strong.
<b>AA</b>	An obligation rated 'AA' differs from the highest-rated obligations only to a small degree. The obligor's capacity to meet its financial commitment on the obligation is very strong.
<b>A</b>	An obligation rated 'A' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher-rated categories. However, the obligor's capacity to meet its financial commitment on the obligation is still strong.
<b>BBB</b>	An obligation rated 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.
<b>BB; B; CCC; CC; and C</b>	Obligations rated 'BB', 'B', 'CCC', 'CC', and 'C' are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'C' the highest. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
<b>BB</b>	An obligation rated 'BB' is less vulnerable to nonpayment than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions which could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.
<b>B</b>	An obligation rated 'B' is more vulnerable to nonpayment than obligations rated 'BB', but the obligor currently has the capacity to meet its financial commitment on the obligation. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment on the obligation.
<b>CCC</b>	An obligation rated 'CCC' is currently vulnerable to nonpayment, and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation. In the event of adverse business, financial, or economic conditions, the obligor is not likely to have the capacity to meet its financial commitment on the obligation.
<b>CC</b>	An obligation rated 'CC' is currently highly vulnerable to nonpayment.
<b>C</b>	A 'C' rating is assigned to obligations that are currently highly vulnerable to nonpayment, obligations that have payment arrearages allowed by the terms of the documents, or obligations of an issuer that is the subject of a bankruptcy petition or similar action which have not experienced a payment default. Among others, the 'C' rating may be assigned to subordinated debt, preferred stock or other obligations on which cash payments have been suspended in accordance with the instrument's terms or when preferred stock is the subject of a distressed exchange offer, whereby some or all of the issue is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.
<b>D</b>	An obligation rated 'D' is in payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's believes that such payments will be made within five business days, irrespective of any grace period. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action if payments on an obligation are jeopardized. An obligation's rating is lowered to 'D' upon completion of a distressed exchange offer, whereby some or all of the issue is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.
<b>NR</b>	This indicates that no rating has been requested, that there is insufficient information on which to base a rating, or that Standard & Poor's does not rate a particular obligation as a matter of policy.

\*The ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## 2. Short-Term Issue Credit Ratings

Table 2

Short-Term Issue Credit Ratings	
Category	Definition
<b>A-1</b>	A short-term obligation rated 'A-1' is rated in the highest category by Standard & Poor's. The obligor's capacity to meet its financial commitment on the obligation is strong. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations is extremely strong.
<b>A-2</b>	A short-term obligation rated 'A-2' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rating categories. However, the obligor's capacity to meet its financial commitment on the obligation is satisfactory.
<b>A-3</b>	A short-term obligation rated 'A-3' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.
<b>B</b>	A short-term obligation rated 'B' is regarded as vulnerable and has significant speculative characteristics. The obligor currently has the capacity to meet its financial commitments; however, it faces major ongoing uncertainties which could lead to the obligor's inadequate capacity to meet its financial commitments.
<b>C</b>	A short-term obligation rated 'C' is currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation.
<b>D</b>	A short-term obligation rated 'D' is in payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of a similar action if payments on an obligation are jeopardized.

## B. Issuer Credit Ratings

9. A Standard & Poor's issuer credit rating is a forward-looking opinion about an obligor's overall creditworthiness in order to pay its financial obligations. This opinion focuses on the obligor's capacity and willingness to meet its financial commitments as they come due. It does not apply to any specific financial obligation, as it does not take into account the nature of and provisions of the obligation, its standing in bankruptcy or liquidation, statutory preferences, or the legality and enforceability of the obligation.

10. Counterparty credit ratings, corporate credit ratings and sovereign credit ratings are all forms of issuer credit ratings.

11. Issuer credit ratings can be either long-term or short-term. Short-term issuer credit ratings reflect the obligor's creditworthiness over a short-term time horizon.

### 1. Long-Term Issuer Credit Ratings

Table 3

Long-Term Issuer Credit Ratings*	
Category	Definition
<b>AAA</b>	An obligor rated 'AAA' has extremely strong capacity to meet its financial commitments. 'AAA' is the highest issuer credit rating assigned by Standard & Poor's.
<b>AA</b>	An obligor rated 'AA' has very strong capacity to meet its financial commitments. It differs from the highest-rated obligors only to a small degree.
<b>A</b>	An obligor rated 'A' has strong capacity to meet its financial commitments but is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligors in higher-rated categories.
<b>BBB</b>	An obligor rated 'BBB' has adequate capacity to meet its financial commitments. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitments.
<b>BB; B; CCC; and CC</b>	Obligor rated 'BB', 'B', 'CCC', and 'CC' are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'CC' the highest. While such obligors will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
<b>BB</b>	An obligor rated 'BB' is less vulnerable in the near term than other lower-rated obligors. However, it faces major ongoing uncertainties and exposure to adverse business, financial, or economic conditions which could lead to the obligor's inadequate capacity to meet its financial commitments.
<b>B</b>	An obligor rated 'B' is more vulnerable than the obligors rated 'BB', but the obligor currently has the capacity to meet its financial commitments. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitments.
<b>CCC</b>	An obligor rated 'CCC' is currently vulnerable, and is dependent upon favorable business, financial, and economic conditions to meet its financial commitments.
<b>CC</b>	An obligor rated 'CC' is currently highly vulnerable.
<b>R</b>	An obligor rated 'R' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. Please see Standard & Poor's issue credit ratings for a more detailed description of the effects of regulatory supervision on specific issues or classes of obligations.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' is in payment default on one or more of its financial obligations (rated or unrated) unless Standard & Poor's believes that such payments will be made within five business days, irrespective of any grace period. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action if payments on a financial obligation are jeopardized. A 'D' rating is assigned when Standard & Poor's believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when Standard & Poor's believes that the obligor has selectively defaulted on a specific issue or class of obligations, but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A selective default includes the completion of a distressed exchange offer, whereby one or more financial obligation is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.
<b>NR</b>	An issuer designated 'NR' is not rated.

\*The ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## 2. Short-Term Issuer Credit Ratings

Table 4

Short-Term Issuer Credit Ratings	
Category	Definition
<b>A-1</b>	An obligor rated 'A-1' has strong capacity to meet its financial commitments. It is rated in the highest category by Standard & Poor's. Within this category, certain obligors are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitments is extremely strong.
<b>A-2</b>	An obligor rated 'A-2' has satisfactory capacity to meet its financial commitments. However, it is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligors in the highest rating category.
<b>A-3</b>	An obligor rated 'A-3' has adequate capacity to meet its financial obligations. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitments.
<b>B</b>	An obligor rated 'B' is regarded as vulnerable and has significant speculative characteristics. The obligor currently has the capacity to meet its financial commitments; however, it faces major ongoing uncertainties which could lead to the obligor's inadequate capacity to meet its financial commitments.
<b>C</b>	An obligor rated 'C' is currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for it to meet its financial commitments.
<b>R</b>	An obligor rated 'R' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. Please see Standard & Poor's issue credit ratings for a more detailed description of the effects of regulatory supervision on specific issues or classes of obligations.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' has failed to pay one or more of its financial obligations (rated or unrated) when it came due, unless Standard & Poor's believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days. A 'D' rating is assigned when Standard & Poor's believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when Standard & Poor's believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. Please see Standard & Poor's issue credit ratings for a more detailed description of the effects of a default on specific issues or classes of obligations.
<b>NR</b>	An issuer designated 'NR' is not rated.

## II. CREDITWATCH, RATING OUTLOOK , LOCAL CURRENCY AND FOREIGN CURRENCY RATINGS

12. The following section explains CreditWatch and outlooks and how they are used. Additionally, this section explains local currency and foreign currency ratings

### A. CreditWatch

13. CreditWatch highlights our opinion regarding the potential direction of a short-term or long-term rating. It focuses on identifiable events and short-term trends that cause ratings to be placed under special surveillance by Standard & Poor's analytical staff. Ratings may be placed on CreditWatch under the following circumstances:

- When an event has occurred or, in our view, a deviation from an expected trend has occurred or is expected and when additional information is necessary to evaluate the current rating. Events and short-term trends may include mergers, recapitalizations, voter referendums, regulatory actions, performance deterioration of securitized assets, or anticipated operating developments.
- When we believe there has been a material change in performance of an issue or issuer, but the magnitude of the rating impact has not been fully determined, and we believe that a rating change is likely in the short-term.
- A change in criteria has been adopted that necessitates a review of an entire sector or multiple transactions and we believe that a rating change is likely in the short-term.

14. A CreditWatch listing, however, does not mean a rating change is inevitable, and when appropriate, a range of

potential alternative ratings will be shown. CreditWatch is not intended to include all ratings under review, and rating changes may occur without the ratings having first appeared on CreditWatch. The "positive" designation means that a rating may be raised; "negative" means a rating may be lowered; and "developing" means that a rating may be raised, lowered, or affirmed.

## B. Rating Outlooks

15. A Standard & Poor's rating outlook assesses the potential direction of a long-term credit rating over the intermediate term (typically six months to two years). In determining a rating outlook, consideration is given to any changes in the economic and/or fundamental business conditions. An outlook is not necessarily a precursor of a rating change or future CreditWatch action.

- Positive means that a rating may be raised.
- Negative means that a rating may be lowered.
- Stable means that a rating is not likely to change.
- Developing means a rating may be raised or lowered.
- N.M. means not meaningful.

## C. Local Currency and Foreign Currency Ratings

16. Standard & Poor's issuer credit ratings make a distinction between foreign currency ratings and local currency ratings. An issuer's foreign currency rating will differ from its local currency rating when the obligor has a different capacity to meet its obligations denominated in its local currency, vs. obligations denominated in a foreign currency.

## III. SPECIAL-PURPOSE RATINGS

17. Section III includes ten types of special-purpose ratings. Special-purpose ratings can be for capital market transactions or entities. Such a rating type can cover a specific group of the entities (i.e., insurance companies). Another type of special-purpose rating is a recovery rating which is very different than the traditional issuer credit rating. Some ratings are limited by the type of credit such as funds or municipal short-term note ratings. Other special-purpose ratings are for the specific types of transaction structures, such as those with embedded put options.

### A. Dual Ratings

18. Standard & Poor's assigns "dual" ratings to all debt issues that have a put option or demand feature as part of their structure. The first rating addresses the likelihood of repayment of principal and interest as due, and the second rating addresses only the demand feature. The long-term rating symbols are used for bonds to denote the long-term maturity and the short-term rating symbols for the put option (for example, 'AAA/A-1+'). With U.S. municipal short-term demand debt, note rating symbols are used with the short-term issue credit rating symbols (for example, 'SP-1+/A-1+').

## B. Fund Credit Quality Ratings

19. Fund credit quality ratings, identified by the 'f' suffix, are assigned to fixed-income funds and other actively managed funds that exhibit variable net asset values. These ratings are forward-looking opinions about the overall credit quality of a fund's portfolio. The ratings reflect the level of protection against losses from credit defaults and are based on an analysis of the credit quality of the portfolio investments and the likelihood of counterparty defaults.

**Table 5**

<b>Fund Credit Quality Ratings*</b>	
<b>Category</b>	<b>Definition</b>
<b>AAAf</b>	The fund's portfolio holdings provide extremely strong protection against losses from credit defaults.
<b>AAf</b>	The fund's portfolio holdings provide very strong protection against losses from credit defaults.
<b>Af</b>	The fund's portfolio holdings provide strong protection against losses from credit defaults.
<b>BBBf</b>	The fund's portfolio holdings provide adequate protection against losses from credit defaults.
<b>BBf</b>	The fund's portfolio holdings provide uncertain protection against losses from credit defaults.
<b>Bf</b>	The fund's portfolio holdings exhibit vulnerability to losses from credit defaults.
<b>CCCf</b>	The fund's portfolio holdings make it extremely vulnerable to losses from credit defaults.

\*The ratings from 'AAf' to 'CCCf' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## C. Fund Volatility Ratings

20. A fund volatility rating is a forward-looking opinion about a fixed-income investment fund's sensitivity to changing market conditions relative to the risk of a portfolio composed of government securities and denominated in the base currency of the fund. (Government securities (for S1 through S4 categories) are intended to signify the most liquid, highest quality securities issued by a sovereign government.) Volatility ratings reflect Standard & Poor's view of the fund's sensitivity to interest rate movements, credit risk, investment diversification or concentration, liquidity, leverage, and other factors.

Table 6

Fund Volatility Ratings	
Category	Definition
<b>S1</b>	Funds that possess low sensitivity to changing market conditions are rated S1. These funds possess an aggregate level of risk that is less than or equal to that of a portfolio comprised of government securities maturing within one to three years and denominated in the base currency of the fund. Within this category, certain funds are designated with a plus sign (+). This indicates the fund's extremely low sensitivity to changing market conditions. These funds possess an aggregate level of risk that is less than or equal to that of a portfolio comprising the highest quality fixed-income instruments with an average maturity of 12 months or less.
<b>S2</b>	Funds that possess low to moderate sensitivity to changing market conditions are rated S2. These funds possess an aggregate level of risk that is less than or equal to that of a portfolio comprising government securities maturing within three to seven years and denominated in the base currency of the fund.
<b>S3</b>	Funds that possess moderate sensitivity to changing market conditions are rated S3. These funds possess an aggregate level of risk that is less than or equal to that of a portfolio comprising government securities maturing within seven to 10 years and denominated in the base currency of the fund.
<b>S4</b>	Funds that possess moderate to high sensitivity to changing market conditions are rated S4. These funds possess an aggregate level of risk that is less than or equal to that of a portfolio comprising government securities maturing beyond 10 years and denominated in the base currency of the fund.
<b>S5</b>	Funds that possess high sensitivity to changing market conditions are rated S5. These funds may be exposed to a variety of significant risks including high concentration risks, high leverage, and investments in complex structured and/or illiquid securities.
<b>S6</b>	Funds that possess the highest sensitivity to changing market conditions are rated S6. These funds include those with highly speculative investment strategies with multiple forms of significant risks, with little or no diversification benefits.

## D. Insurance Financial Enhancement Ratings

21. A Standard & Poor's insurer financial enhancement rating is a forward-looking opinion about the creditworthiness of an insurer with respect to insurance policies or other financial obligations that are predominantly used as credit enhancement and/or financial guarantees. When assigning an insurer financial enhancement rating, Standard & Poor's analysis focuses on capital, liquidity, and company commitment necessary to support a credit enhancement or financial guaranty business.

22. Insurer financial enhancement ratings are based, in varying degrees, on Standard & Poor's analysis of the following considerations:

- Likelihood of payment--capacity and willingness of the insurer to meet its financial commitment on an obligation in accordance with the terms of the obligation;
- Nature of and provisions of the obligations; and
- Protection afforded by, and relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under the laws of bankruptcy and other laws affecting creditors' rights.

Table 7

Insurer Financial Enhancement Ratings*	
Category	Definition
<b>AAA</b>	An insurer rated 'AAA' has extremely strong capacity to meet its financial commitments. 'AAA' is the highest insurer financial enhancement rating assigned by Standard & Poor's.
<b>AA</b>	An insurer rated 'AA' has very strong capacity to meet its financial commitments. It differs from the highest-rated insurers only to a small degree.
<b>A</b>	An insurer rated 'A' has strong capacity to meet its financial commitments but is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than insurers in higher-rated categories.
<b>BBB</b>	An insurer rated 'BBB' has adequate capacity to meet its financial commitments. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the insurer to meet its financial commitments.
<b>BB; B; CCC; and CC</b>	Insurers rated 'BB', 'B', 'CCC', and 'CC' are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'CC' the highest. While such insurers will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
<b>BB</b>	An insurer rated 'BB' is less vulnerable in the near term than other lower-rated insurers. However, it faces major ongoing uncertainties and exposure to adverse business, financial, or economic conditions which could lead to the insurer's inadequate capacity to meet its financial commitments.
<b>B</b>	An insurer rated 'B' is more vulnerable than the insurers rated 'BB', but the insurer currently has the capacity to meet its financial commitments. Adverse business, financial, or economic conditions will likely impair the insurer's capacity or willingness to meet its financial commitments.
<b>CCC</b>	An insurer rated 'CCC' is currently vulnerable, and is dependent upon favorable business, financial, and economic conditions to meet its financial commitments.
<b>CC</b>	An insurer rated 'CC' is currently highly vulnerable.
<b>R</b>	An insurer rated 'R' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. Please see Standard & Poor's issue credit ratings for a more detailed description of the effects of regulatory supervision on specific issues or classes of obligations.
<b>SD</b>	An insurer rated 'SD' has failed to pay one or more of its financial obligations when it came due. An 'SD' rating is assigned when Standard & Poor's believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations. A selective default includes the completion of a distressed exchange offer, whereby one or more financial obligation is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.
<b>NR</b>	An issuer designated 'NR' is not rated.

\*Ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## E. Insurer Financial Strength Ratings

23. A Standard & Poor's insurer financial strength rating is a forward-looking opinion about the financial security characteristics of an insurance organization with respect to its ability to pay under its insurance policies and contracts in accordance with their terms. Insurer financial strength ratings are also assigned to health maintenance organizations and similar health plans with respect to their ability to pay under their policies and contracts in accordance with their terms.

24. This opinion is not specific to any particular policy or contract, nor does it address the suitability of a particular policy or contract for a specific purpose or purchaser. Furthermore, the opinion does not take into account deductibles, surrender or cancellation penalties, timeliness of payment, nor the likelihood of the use of a defense such as fraud to deny claims. For organizations with cross-border or multinational operations, including those conducted by subsidiaries or branch offices, the ratings do not take into account potential that may exist for foreign exchange restrictions to prevent financial obligations from being met.

25. Insurer financial strength ratings do not refer to an organization's ability to meet nonpolicy (i.e., debt)

obligations. Assignment of ratings to debt issued by insurers or to debt issues that are fully or partially supported by insurance policies, contracts, or guarantees is a separate process from the determination of insurer financial strength ratings, and follows procedures consistent with issue credit rating definitions and practices. An insurer financial strength rating is not a recommendation to purchase or discontinue any policy or contract issued by an insurer.

## 1. Long-Term Insurer Financial Strength Ratings

26. An insurer rated 'BBB' or higher is regarded as having financial security characteristics that outweigh any vulnerabilities, and is highly likely to have the ability to meet financial commitments.

**Table 8**

<b>Long-Term Insurer Financial Strength Ratings*</b>	
<b>Category</b>	<b>Definition</b>
<b>AAA</b>	An insurer rated 'AAA' has extremely strong financial security characteristics. 'AAA' is the highest insurer financial strength rating assigned by Standard & Poor's.
<b>AA</b>	An insurer rated 'AA' has very strong financial security characteristics, differing only slightly from those rated higher.
<b>A</b>	An insurer rated 'A' has strong financial security characteristics, but is somewhat more likely to be affected by adverse business conditions than are insurers with higher ratings.
<b>BBB</b>	An insurer rated 'BBB' has good financial security characteristics, but is more likely to be affected by adverse business conditions than are higher-rated insurers.
<b>BB; CCC; and CC</b>	An insurer rated 'BB' or lower is regarded as having vulnerable characteristics that may outweigh its strengths. 'BB' indicates the least degree of vulnerability within the range; 'CC' the highest.
<b>BB</b>	An insurer rated 'BB' has marginal financial security characteristics. Positive attributes exist, but adverse business conditions could lead to insufficient ability to meet financial commitments.
<b>B</b>	An insurer rated 'B' has weak financial security characteristics. Adverse business conditions will likely impair its ability to meet financial commitments.
<b>CCC</b>	An insurer rated 'CCC' has very weak financial security characteristics, and is dependent on favorable business conditions to meet financial commitments.
<b>CC</b>	An insurer rated 'CC' has extremely weak financial security characteristics and is likely not to meet some of its financial commitments.
<b>R</b>	An insurer rated 'R' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision, the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. The rating does not apply to insurers subject only to nonfinancial actions such as market conduct violations.
<b>NR</b>	An insurer designated 'NR' is not rated, which implies no opinion about the insurer's financial security.

\*Ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## 2. Short-Term Insurer Financial Strength Ratings

27. Short-term insurer financial strength ratings reflect the insurer's creditworthiness over a short-term time horizon.

Table 9

Short-Term Insurer Financial Strength Ratings	
Category	Definition
<b>A-1</b>	An insurer rated 'A-1' has a strong ability to meet its financial commitments on short-term policy obligations. It is rated in the highest category by Standard & Poor's. Within this category, certain insurers are designated with a plus sign (+). This indicates that the insurer's ability to meet its financial commitments on short-term policy obligations is extremely strong.
<b>A-2</b>	An insurer rated 'A-2' has a good ability to meet its financial commitments on short-term policy obligations. However, it is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than insurers in the highest rating category.
<b>A-3</b>	An insurer rated 'A-3' has an adequate ability to meet its financial commitments on short-term policy obligations. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened ability of the insurer to meet its financial obligations.
<b>B</b>	An insurer rated 'B' is regarded as vulnerable and has significant speculative characteristics. The insurer currently has the ability to meet its financial commitments on short-term policy obligations; however, it faces major ongoing uncertainties which could lead to the insurer's inadequate ability to meet its financial obligations.
<b>C</b>	An insurer rated 'C' is regarded as currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for it to meet its financial commitments on short-term policy obligations.
<b>R</b>	An insurer rated 'R' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision, the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. The rating does not apply to insurers subject only to nonfinancial actions such as market conduct violations.

## F. Municipal Short-Term Note Ratings

28. A Standard & Poor's U.S. municipal note rating reflects Standard & Poor's opinion about the liquidity factors and market access risks unique to the notes. Notes due in three years or less will likely receive a note rating. Notes with an original maturity of more than three years will most likely receive a long-term debt rating. In determining which type of rating, if any, to assign, Standard & Poor's analysis will review the following considerations:

- Amortization schedule—the larger the final maturity relative to other maturities, the more likely it will be treated as a note; and
- Source of payment—the more dependent the issue is on the market for its refinancing, the more likely it will be treated as a note.

Table 10

Municipal Short-Term Note Ratings	
Category	Definition
<b>SP-1</b>	Strong capacity to pay principal and interest. An issue determined to possess a very strong capacity to pay debt service is given a plus (+) designation.
<b>SP-2</b>	Satisfactory capacity to pay principal and interest, with some vulnerability to adverse financial and economic changes over the term of the notes.
<b>SP-3</b>	Speculative capacity to pay principal and interest.

## G. Principal Stability Fund Ratings

29. A Standard & Poor's principal stability fund rating, also known as a "money market fund rating," is a forward-looking opinion about a fixed income fund's capacity to maintain stable principal (net asset value). When assigning a principal stability rating to a fund, Standard & Poor's analysis focuses primarily on the creditworthiness of the fund's investments and counterparties, and also its investments' maturity structure and management's ability and policies to maintain the fund's stable net asset value. Principal stability fund ratings are assigned to funds that

seek to maintain a stable or an accumulating net asset value.

30. Generally, when faced with an unanticipated level of redemption requests during periods of high market stress, the manager of any fund may suspend redemptions for up to five business days or meet redemption requests with payments in-kind in lieu of cash. A temporary suspension of redemptions or meeting redemption requests with distributions in-kind does not constitute a failure to maintain stable net asset values. However, higher-rated funds are expected to have stronger capacities to pay investor redemptions in cash during times of high market stress because they generally comprise shorter maturity and higher quality investments.

31. Principal stability fund ratings, or money market fund ratings, are identified by the 'm' suffix (e.g., 'AAAm') to distinguish the principal stability rating from a Standard & Poor's traditional issue or issuer credit rating. A traditional issue or issuer credit rating reflects Standard & Poor's view of a borrower's ability to meet its financial obligations. Principal stability fund ratings are not commentaries on yield levels.

**Table 11**

<b>Principal Stability Fund Ratings*</b>	
<b>Category</b>	<b>Definition</b>
<b>AAAm</b>	A fund rated 'AAAm' demonstrates extremely strong capacity to maintain principal stability and to limit exposure to principal losses due to credit risk. 'AAAm' is the highest principal stability fund rating assigned by Standard & Poor's.
<b>AAm</b>	A fund rated 'AAm' demonstrates very strong capacity to maintain principal stability and to limit exposure to principal losses due to credit risk. It differs from the highest-rated funds only to a small degree.
<b>Am</b>	A fund rated 'Am' demonstrates strong capacity to maintain principal stability and to limit exposure to principal losses due to credit risk, but is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than funds in higher-rated categories.
<b>BBBm</b>	A fund rated 'BBBm' demonstrates adequate capacity to maintain principal stability and to limit exposure to principal losses due to credit risk. However, adverse economic conditions or changing circumstances are more likely to lead to a reduced capacity to maintain principal stability.
<b>BBm</b>	A fund rated 'BBm' demonstrates speculative characteristics and uncertain capacity to maintain principal stability. It is vulnerable to principal losses due to credit risk. While such funds will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
<b>Dm</b>	A fund rated 'Dm' has failed to maintain principal stability resulting in a realized or unrealized loss of principal.

\*The ratings from 'AA' to 'BB' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the rating categories.

## H. Recovery Ratings

32. Recovery ratings focus solely on expected recovery in the event of a payment default of a specific issue, and utilize a numerical scale that runs from 1+ to 6. The recovery rating is not linked to, or limited by, the Issuer Credit Rating or any other rating, and provides a specific opinion about the expected recovery.

Table 12

Recovery Ratings	
Category	Definition
1+	A recovery rating of '1+' denotes the highest expectation of full recovery in the event of default.
1	A recovery rating of '1' denotes an expectation of very high (i.e., 90%-100%) recovery in the event of default.
2	A recovery rating of '2' denotes an expectation of substantial (i.e., 70%-90%) recovery in the event of default.
3	A recovery rating of '3' denotes an expectation of meaningful (i.e., 50%-70%) recovery in the event of default.
4	A recovery rating of '4' denotes an expectation of average (i.e., 30%-50%) recovery in the event of default.
5	A recovery rating of '5' denotes an expectation of modest (i.e., 10%-30%) recovery in the event of default.
6	A recovery rating of '6' denotes an expectation of negligible (i.e., 0-10%) recovery in the event of default.

## I. SPUR (Standard & Poor's Underlying Rating)

33. A SPUR rating is a rating of a stand-alone capacity of an issue to pay debt service on a credit-enhanced debt issue, without giving effect to the enhancement that applies to it. These ratings are published only at the request of the debt issuer/obligor with the designation SPUR to distinguish them from the credit-enhanced rating that applies to the debt issue. Standard & Poor's maintains surveillance of an issue with a published SPUR.

## J. Swap Risk Ratings

34. A Standard & Poor's Swap Risk Rating is a forward-looking opinion about the likelihood of loss associated with a specific swap transaction (the "Swap Transaction") entered into by two counterparties.

35. A swap risk rating takes into consideration Standard & Poor's view on the terms of the Swap Transaction including, without limitation, the creditworthiness of one or more reference or underlying obligations or obligors (the "Portfolio") above a certain specified threshold percentage/amount, termination events, and potential recovery percentage or amount on the Portfolio. All swap risk ratings take into consideration the creditworthiness of the Portfolio.

36. A swap risk rating may be modified by the designation "Portfolio," "Single Counterparty--Protection Buyer" and "Single Counterparty--Protection Seller." A Swap Risk Rating (Portfolio) takes into consideration only Standard & Poor's view on the creditworthiness of the credit default swap Portfolio. A Swap Risk Rating (Single Counterparty--Protection Buyer) takes into consideration Standard & Poor's view on the creditworthiness of the Portfolio and the buyer of protection under the Swap Transaction. A Swap Risk Rating (Single Counterparty--Protection Seller) takes into consideration Standard & Poor's view on the creditworthiness of the Portfolio and the seller of protection under the Swap Transaction. Because the terms of each Swap Transaction are highly customized, a swap risk rating may address different risks; therefore the swap risk ratings should not be viewed as benchmarks related to swap risk across different swap transactions.

37. Swap risk ratings will be modified by a suffix that identifies the type of swap risk rating assigned. The letter ratings will be followed by the designations 'srp,' 'srb,' and 'srs' to correspond with related designations:

- Portfolio ('srp') ratings only take into consideration the creditworthiness of the reference portfolio of the credit default swap;

- Single counterparty--Protection Buyer ('srb') ratings take into consideration the creditworthiness of the reference portfolio and the buyer of protection under the swap transaction; and
- Single counterparty--Protection Seller ('srs') ratings take into consideration the creditworthiness of the reference portfolio and the seller of protection under the swap transaction.

38. A Swap Risk Rating (Portfolio) does not address either counterparty risk (including risk of periodic payments). Each of Swap Risk Ratings (Single Counterparty--Protection Buyer) or (Single Counterparty--Protection Seller) addresses the counterparty risk of one of the Counterparties to the Swap Transaction, respectively. None of the swap risk ratings address the specific amount of termination payments that would be payable under the Swap Transaction. The specific risks addressed by each swap risk rating are stated in the rating letter and the terms and conditions issued for each rated Swap Transaction.

Table 13

Swap Risk Ratings* (see paragraph 37 for suffix)	
Category	Definition
<b>AAA</b>	A Swap Transaction with a swap risk rating of 'AAA' has the highest rating assigned by Standard & Poor's. The likelihood of loss under the Swap Transaction is extremely low.
<b>AA</b>	A Swap Transaction with a swap risk rating of 'AA' differs from the highest-rated Swap Transaction only to a small degree. The likelihood of loss under the Swap Transaction is very low.
<b>A</b>	A Swap Transaction with a swap risk rating of 'A' is somewhat more susceptible to the adverse effects or changes in circumstances and economic conditions than Swap Transactions in higher-rated categories. However, the likelihood of loss under the Swap Transaction is still low.
<b>BBB</b>	A Swap Transaction with a swap risk rating of 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to an increased likelihood of loss under the Swap Transaction.
<b>BB; B; CCC; and CC</b>	A Swap Transaction with a swap risk rating of 'BB', 'B', 'CCC', and 'CC' is regarded as having significant speculative characteristics.
<b>BB</b>	A Swap Transaction with a swap risk rating of 'BB' indicates less vulnerability to a risk of loss than other speculative issues. However, major ongoing uncertainties or exposure to adverse business, financial or economic conditions could lead to a substantial increase in the likelihood of loss under the Swap Transaction.
<b>B</b>	A Swap Transaction with a swap risk rating of 'B' is more vulnerable to a risk of loss than a Swap Transaction with a swap risk rating of 'BB'. However, major ongoing uncertainties or exposure to adverse business, financial or economic conditions will likely lead to a substantial increase in the likelihood of loss under the Swap Transaction.
<b>CCC</b>	A Swap Transaction with a swap risk rating of 'CCC' is currently vulnerable to a risk of loss. In the event of adverse business, financial or economic conditions, the Swap Transaction is likely to incur loss.
<b>CC</b>	A Swap Transaction with a swap risk rating of 'CC' is currently highly vulnerable to loss.
<b>D</b>	A Swap Transaction with a swap risk rating of 'D' has incurred or experienced loss.
<b>NR</b>	A Swap Transaction designated 'NR' is not rated, which implies no opinion about its swap risk rating, including without limitation, that a swap risk rating has not been requested or that a swap risk rating has been withdrawn.

\*A swap risk rating from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major swap risk rating categories.

## IV. QUALIFIERS

39. Standard & Poor's assigns qualifiers to ratings when appropriate. This section details active and inactive qualifiers.

## A. Active Qualifiers

40. Standard & Poor's uses six qualifiers that limit the scope of a rating. The structure of the transaction can require the use of a qualifier such as a 'p' qualifier, which indicates the rating addressed the principal portion of the obligation only. Likewise, the qualifier can indicate a limitation on the type of information used, such as "pi" for public information. A qualifier appears as a suffix and is part of the rating.

### 1. Federal deposit insurance limit: 'L' qualifier

41. Ratings qualified with 'L' apply only to amounts invested up to federal deposit insurance limits.

### 2. Principal Payment: 'p' qualifier

42. This suffix is used for issues in which the credit factors, the terms, or both, that determine the likelihood of receipt of payment of principal are different from the credit factors, terms or both that determine the likelihood of receipt of interest on the obligation. The 'p' suffix indicates that the rating addresses the principal portion of the obligation only. The 'p' suffix will always be used in conjunction with the 'i' suffix, which addresses likelihood of receipt of interest. For example, a rated obligation could be assigned ratings of 'AAApNRi' indicating that the principal portion is rated 'AAA' and the interest portion of the obligation is not rated.

### 3. Interest Payment: 'i' qualifier

43. This suffix is used for issues in which the credit factors, terms, or both, that determine the likelihood of receipt of payment of interest are different from the credit factors, terms or both that determine the likelihood of receipt of principal on the obligation. The 'i' suffix indicates that the rating addresses the interest portion of the obligation only. The 'i' suffix will always be used in conjunction with the 'p' suffix, which addresses likelihood of receipt of principal. For example, a rated obligation could be assigned ratings of 'AAApNRi' indicating that the principal portion is rated 'AAA' and the interest portion of the obligation is not rated.

### 4. Public Information Ratings: 'pi' qualifier

44. Ratings with a 'pi' suffix are based on an analysis of an issuer's published financial information, as well as additional information in the public domain. They do not, however, reflect in-depth meetings with an issuer's management and therefore may be based on less comprehensive information than ratings without a 'pi' suffix. Ratings with a 'pi' suffix are reviewed annually based on a new year's financial statements, but may be reviewed on an interim basis if a major event occurs that may affect the issuer's credit quality.

### 5. Preliminary Ratings: 'prelim' qualifier

45. Preliminary ratings, with the 'prelim' suffix, may be assigned to obligors or obligations, including financial programs, in the circumstances described below. Assignment of a final rating is conditional on the receipt by Standard & Poor's of appropriate documentation. Standard & Poor's reserves the right not to issue a final rating. Moreover, if a final rating is issued, it may differ from the preliminary rating.

- Preliminary ratings may be assigned to obligations, most commonly structured and project finance issues, pending receipt of final documentation and legal opinions.
- Preliminary ratings are assigned to Rule 415 Shelf Registrations. As specific issues, with defined terms, are offered from the master registration, a final rating may be assigned to them in accordance with Standard & Poor's policies.
- Preliminary ratings may be assigned to obligations that will likely be issued upon the obligor's emergence from

bankruptcy or similar reorganization, based on late-stage reorganization plans, documentation and discussions with the obligor. Preliminary ratings may also be assigned to the obligors. These ratings consider the anticipated general credit quality of the reorganized or post-bankruptcy issuer as well as attributes of the anticipated obligation(s).

- Preliminary ratings may be assigned to entities that are being formed or that are in the process of being independently established when, in Standard & Poor's opinion, documentation is close to final. Preliminary ratings may also be assigned to these entities' obligations.
- Preliminary ratings may be assigned when a previously unrated entity is undergoing a well-formulated restructuring, recapitalization, significant financing or other transformative event, generally at the point that investor or lender commitments are invited. The preliminary rating may be assigned to the entity and to its proposed obligation(s). These preliminary ratings consider the anticipated general credit quality of the obligor, as well as attributes of the anticipated obligation(s), assuming successful completion of the transformative event. Should the transformative event not occur, Standard & Poor's would likely withdraw these preliminary ratings.
- A preliminary recovery rating may be assigned to an obligation that has a preliminary issue credit rating.

#### **6. Termination Structures: 't' qualifier**

46. This symbol indicates termination structures that are designed to honor their contracts to full maturity or, should certain events occur, to terminate and cash settle all their contracts before their final maturity date.

## **B. Inactive Qualifiers**

47. Inactive qualifiers are no longer applied or outstanding.

#### **1. Contingent upon final documentation: '\*' inactive qualifier**

48. This symbol indicated continuance of the ratings is contingent upon Standard & Poor's receipt of an executed copy of the escrow agreement or closing documentation confirming investments and cash flows. Discontinued use in August 1998.

#### **2. Termination of obligation to tender: 'c' inactive qualifier**

49. This qualifier was used to provide additional information to investors that the bank may terminate its obligation to purchase tendered bonds if the long-term credit rating of the issuer is below an investment-grade level and/or the issuer's bonds are deemed taxable. Discontinued use in January 2001.

#### **3. U.S. direct government securities: 'G' inactive qualifier**

50. The letter 'G' followed the rating symbol when a fund's portfolio consists primarily of direct U.S. government securities.

#### **4. Provisional Ratings: 'pr' inactive qualifier**

51. The letters 'pr' indicate that the rating is provisional. A provisional rating assumes the successful completion of the project financed by the debt being rated and indicates that payment of debt service requirements is largely or entirely dependent upon the successful, timely completion of the project. This rating, however, while addressing credit quality subsequent to completion of the project, makes no comment on the likelihood of or the risk of default upon failure of such completion. The investor should exercise his own judgment with respect to such likelihood and risk.

## 5. Quantitative Analysis of public information: 'q' inactive qualifier

52. A 'q' subscript indicates that the rating is based solely on quantitative analysis of publicly available information. Discontinued use in April 2001.

## 6. Extraordinary risks: 'r' inactive qualifier

53. The 'r' modifier was assigned to securities containing extraordinary risks, particularly market risks, which are not covered in the credit rating. The absence of an 'r' modifier should not be taken as an indication that an obligation will not exhibit extraordinary non-credit related risks. Standard & Poor's discontinued the use of the 'r' modifier for most obligations in June 2000 and for the balance of obligations (mainly structured finance transactions) in November 2002.

# V. NATIONAL AND REGIONAL SCALE RATINGS

54. National and regional scale ratings are special-purpose ratings that only apply to credits in a specific country or region. Standard & Poor's Ratings Services is required to file and/or notify regulators in certain jurisdictions when amending national scale rating definitions.

## A. National And Regional Scale Ratings

55. Standard & Poor's national scale credit ratings are an opinion of an obligor's creditworthiness (issuer, corporate, or counterparty credit rating) or overall capacity to meet specific financial obligations (issue credit rating), relative to other issuers and issues in a given country. National scale credit ratings provide a rank ordering of credit risk within the country. National scale credit ratings exclude direct sovereign risks of a general or systemic nature. Given the focus on credit quality within a single country, national scale credit ratings are not comparable between countries. Standard & Poor's also assigns regional scale credit ratings for a group of countries. Regional scale credit ratings have the same attributes as national scale credit ratings in that they are not comparable to other regional or national scales, and are a relative rank order within the region and exclude direct sovereign risks of a general or systemic nature. The national and regional scale credit ratings use Standard & Poor's global rating symbols with the addition of a two-letter prefix to denote the country or region. The regional scale rating definitions are the same as the national scale rating definitions but with the word "national" replaced with the word "regional".

56. Table 14 lists the national or regional scales, the country or regional prefixes and the associated countries or regions.

**Table 14**

National/Regional Scale Credit Rating Prefix		
Scale Name	Prefix	Countries
Argentina National Scale	ra	Argentina
ASEAN Regional Scale	ax	Association of South-East Asian Nations
Brazil National Scale	br	Brazil
Canada National Scale	no prefix	Canada
CaVal (Mexico) National Scale	mx	Mexico
Greater China Regional Scale	cn	China, Hong Kong, Macau and Taiwan
Gulf Cooperation Council Regional Scale	gc	Gulf Cooperative Council countries

**Table 14**

National/Regional Scale Credit Rating Prefix (cont.)		
Japan SME National Scale	no prefix	Japan
Kazakhstan National Scale	kz	Kazakhstan
Maalot (Israel) National Scale	il	Israel
Nigeria National Scale	ng	Nigeria
Nordic Regional Scale	no prefix	Denmark, Finland, Sweden
Russia National Scale	ru	Russia
South Africa National Scale	za	South Africa
Taiwan National Scale	tw	Taiwan
Turkey National Scale	tr	Turkey
Ukraine National Scale	ua	Ukraine
Uruguay National Scale	uy	Uruguay

57. Fourteen national and regional scales use an identical set of rating definitions. Tables 15-18 detail the set of definitions applied to the 14 regional or national scales. Canada, Israel and Japan use different national scales. The Nordic regional short-term scale is also a different scale. In addition the Taiwan fund ratings and the Argentine stock ratings use separate scales. These unique six scales appear after the general national scale ratings.

58. The national scale credit rating definitions include a country prefix denoted as 'xx'. See table 14 for a list of country prefixes, the scale name and the associated countries. For example, 'brBBB' is a Brazil national scale 'BBB' rating for entities/obligations in Brazil.

## B. General National And Regional Scale Ratings

### 1. National Scale Issue Credit Ratings

59. A Standard & Poor's national scale issue credit rating is a forward-looking opinion about the creditworthiness of an obligor with respect to a specific debt, bond, lease, commercial paper program, certificate of deposit, or other financial instrument ("obligation") relative to the creditworthiness of other national obligors with respect to their own financial obligations. National obligors include all active borrowers, guarantors, insurers, and other providers of credit enhancement residing in the country, as well as any foreign obligor active in country's financial markets.

60. Standard & Poor's national scale issue credit ratings are based, in varying degrees, on the analysis of the following considerations:

- The relative likelihood of payment—the rating assesses the obligor's capacity and willingness to meet its financial commitments in accordance with the terms of the obligation, compared with other national obligors;
- The obligation's nature and provisions; and
- Protection afforded to, and the relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under bankruptcy laws and other laws affecting creditors' rights.

### 2. National Scale Long-Term Issue Credit Ratings

Table 15

National Scale Long-Term Issue Credit Ratings*	
Category	Definition
<b>xxAAA</b>	An obligation rated 'xxAAA' has the highest credit rating assigned on Standard & Poor's national scale. The obligor's capacity to meet its financial commitments on the obligation, relative to other national obligors, is extremely strong.
<b>xxAA</b>	An obligation rated 'xxAA' differs from the highest-rated debt only to a small degree. The obligor's capacity to meet its financial commitments on the obligation, relative to other national obligors, is very strong.
<b>xxA</b>	An obligation rated 'xxA' is somewhat more susceptible to adverse effects of changes in circumstances and economic conditions than higher-rated debt. Still, the obligor's capacity to meet its financial commitments on the obligation, relative to other national obligors, is strong.
<b>xxBBB</b>	An obligation rated 'xxBBB' exhibits adequate protection parameters relative to other national obligations. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity on the part of the obligor to meet its financial commitments on the obligation.
<b>xxBB; xxB; xxCCC; xxCC; and xxC</b>	Obligations rated 'xxBB', 'xxB', 'xxCCC', 'xxCC', and 'xC' on the Standard & Poor's national credit rating scale are regarded as having high risk relative to other national obligations. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposure to adverse conditions relative to other national obligations.
<b>xxBB</b>	An obligation rated 'xxBB' denotes somewhat weak protection parameters relative to other national obligations. The obligor's capacity to meet its financial commitments on the obligation is somewhat weak because of major ongoing uncertainties or exposure to adverse business, financial, or economic conditions.
<b>xxB</b>	An obligation rated 'xxB' is more vulnerable than obligations rated 'xxBB' relative to other national obligations. The obligor currently has a weak capacity to meet its financial obligations. Adverse business, financial, or economic conditions, however, would likely impair capacity or willingness of the obligor to meet its financial commitments on the obligation.
<b>xxCCC</b>	An obligation rated 'xxCCC' is currently vulnerable to nonpayment, relative to other national obligations, and is dependent upon favorable business and financial conditions for the obligor to meet its financial commitments on the obligation. In the event of adverse business, financial, or economic conditions, the obligor is not likely to have the capacity to meet its financial commitment on the obligation.
<b>xxCC</b>	An obligation rated 'xxCC' is currently highly vulnerable to nonpayment relative to other national obligations.
<b>xxC</b>	The 'xxC' credit rating is assigned to obligations that are highly vulnerable to nonpayment, obligations that have payment arrearages allowed by the terms of the documents, or obligations of an issuer that is the subject of a bankruptcy petition or similar action which have not experienced a payment default. Among others, the 'xxC' credit rating may be assigned to subordinated debt, preferred stock or other obligations on which cash payments have been suspended in accordance with the instrument's terms or when preferred stock is the subject of a distressed exchange offer, whereby some or all of the issue is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.
<b>D</b>	An obligation rated 'D' is in payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's believes that such payments will be made within five business days, irrespective of any grace period. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action if payments on an obligation are jeopardized. An obligation's rating is lowered to 'D' upon completion of a distressed exchange offer, whereby some or all of the issue is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.

\*The credit ratings from 'xxAA' to 'xxCCC' may be modified by the addition of a plus (+) or minus (-) to show relative strength with the rating category.

### 3. National Scale Short-Term Issue Credit Ratings

Table 16

National Scale Short-Term Issue Credit Ratings*	
Category	Definition
<b>xxA-1</b>	A short-term obligation rated 'xxA-1' is rated in the highest category on Standard & Poor's national scale. The obligor's capacity to meet its commitments on the obligation, relative to other national obligors, is strong. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations, relative to other national obligors, is extremely strong.
<b>xxA-2</b>	A short-term obligation rated 'xxA-2' is slightly more susceptible to adverse changes in circumstances and economic conditions than obligations rated 'xxA-1'. The obligor's capacity to meet its financial commitments on the obligation, relative to other national obligors, is satisfactory.
<b>xxA-3</b>	A short-term obligation rated 'xxA-3' denotes adequate protection parameters relative to other short-term national obligations. It is, however, more vulnerable to adverse effects of changes in circumstances than obligations carrying the higher designations.
<b>xxB</b>	A short-term obligation rated 'xxB' denotes weak protection parameters relative to other short-term national obligations. It is vulnerable to adverse business, financial, or economic conditions.
<b>xxC</b>	A short-term obligation rated 'xxC' denotes doubtful capacity for payment.
<b>D</b>	A short-term obligation rated 'D' is in payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days.

\*Apply to obligations with an original maturity of less than one year.

#### 4. National Scale Issuer Credit Ratings

61. A Standard & Poor's national scale issuer credit rating is a forward-looking opinion about the overall creditworthiness of a debt issuer, guarantor, insurer, or other provider of credit enhancement ("obligor") to meet its financial obligations as they come due, relative to other national obligors. Such national obligors include all active borrowers, guarantors, insurers, and other providers of credit enhancement residing in the country, as well as foreign obligors active in national financial markets.

62. Issuer credit ratings do not apply to specific obligations, as they do not take into account the nature and provisions of the obligation, its standing in bankruptcy or liquidation, statutory preferences, or the legality and enforceability of the obligation. In addition, they do not take into account the creditworthiness of the guarantors, insurers, or other forms of credit enhancement on the obligation.

#### 5. National Scale Long-Term Issuer Credit Ratings

Table 17

National Scale Long-Term Issuer Credit Ratings*	
Category	Definition
<b>xxAAA</b>	An obligor rated 'xxAAA' has an extremely strong capacity to meet its financial commitments relative to that of other national obligors. 'xxAAA' is the highest issuer credit rating assigned according to the Standard & Poor's national scale.
<b>xxAA</b>	An obligor rated 'xxAA' differs from the highest-rated obligors only to a small degree, and has a very strong capacity to meet its financial commitments relative to that of other national obligors.
<b>xxA</b>	An obligor rated 'xxA' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than higher-rated obligors. Still, the obligor has a strong capacity to meet its financial commitments relative to that of other national obligors.
<b>xxBBB</b>	An obligor rated 'xxBBB' has an adequate capacity to meet its financial commitments relative to that of other national obligors. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitments.
<b>xxBB; xxB; xxCCC; and xxCC</b>	Obligors rated 'xxBB', 'xxB', 'xxCCC', and 'xxCC' on the Standard & Poor's national credit rating scale are regarded as having high risk relative to other national obligors. While such obligors will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposure to adverse conditions relative to other national obligors.
<b>xxBB</b>	An obligor rated 'xxBB' denotes somewhat weak capacity to meet its financial commitments, although it is less vulnerable than other lower-rated national obligors. However, it faces ongoing uncertainties or exposure to adverse business, financial, or economic conditions, which could result in an inadequate capacity on the part of the obligor to meet its financial commitments.
<b>xxB</b>	An obligor rated 'xxB' is more vulnerable than obligors rated 'xxBB'. The obligor currently has a weak capacity to meet its financial commitments relative to other national obligors. Adverse business, financial, or economic conditions would likely impair the obligor's capacity or willingness to meet its financial commitments.
<b>xxCCC</b>	An obligor rated 'xxCCC' is currently vulnerable relative to other national obligors and is dependent upon favorable business and financial conditions to meet its financial commitments.
<b>xxCC</b>	An obligor rated 'xxCC' is currently highly vulnerable to defaulting on its financial commitments relative to other national obligors.
<b>xxR</b>	An obligor rated 'xxR' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision, the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. Please see Standard & Poor's issue credit ratings for a more detailed description of the effects of regulatory supervision on specific issues or classes of obligations.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' is in payment default on one or more of its financial obligations (rated or unrated) unless Standard & Poor's believes that such payments will be made within five business days, irrespective of any grace period. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action if payments on a financial obligation are jeopardized. A 'D' rating is assigned when Standard & Poor's believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. A 'SD' rating is assigned when Standard & Poor's believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A selective default includes the completion of a distressed exchange offer, whereby one or more financial obligation is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.

\*The credit ratings from 'xxAA' to 'xxCCC' may be modified by the addition of a plus (+) or minus (-) to show relative strength with the rating category.

## 6. National Scale Short-Term Issuer Credit Ratings

Table 18

National Scale Short-Term Issuer Credit Ratings*	
Category	Definition
<b>xxA-1</b>	An obligor with a 'xxA-1' short-term credit rating has a strong capacity to meet financial commitments relative to that of other national obligors. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations, relative to that of other obligors in the national market, is extremely strong.
<b>xxA-2</b>	An obligor with a 'xxA-2' short-term credit rating has a satisfactory capacity to meet financial obligations relative to that of other national obligors.
<b>xxA-3</b>	An obligor with a 'xxA-3' short-term credit rating has an adequate capacity to meet financial commitments relative to that of other national obligors. However, the obligor is more vulnerable to adverse changes in business circumstances or economic conditions than higher-rated obligors.
<b>xxB</b>	An obligor with a 'xxB' short-term credit rating has a weak capacity to meet financial commitments, relative to that of other national obligors, and is vulnerable to adverse business, financial, or economic conditions.
<b>xxC</b>	An obligor with a 'xxC' short-term credit rating has a doubtful capacity to meet financial commitments.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' has failed to pay one or more of its financial obligations (rated or unrated), unless Standard & Poor's believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days. A 'D' credit rating is assigned when Standard & Poor's believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. A 'SD' credit rating is assigned when Standard & Poor's believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner.

\*Apply to an obligor's capacity to meet financial commitments over a time horizon of less than one year.

## C. Canada National Scale Ratings

63. Canadian national scale ratings use a unique set of rating definitions detailed in paragraphs 64-69 and tables 19-21.

### 1. Canadian Commercial Paper Ratings

64. A Canadian commercial paper rating is a forward-looking opinion about the capacity of an obligor to meet the financial commitments associated with a specific commercial paper program or other short-term financial instrument ("obligation") relative to the debt servicing and repayment capacity of other obligors active in the Canadian domestic financial markets ("obligors") with respect to their own financial obligations.

Table 19

Canada National Scale Commercial Paper Ratings	
Category	Definition
<b>A-1(High)</b>	A short-term obligation rated 'A-1(High)' is rated in the highest category by Standard & Poor's. The obligor's capacity to meet its financial commitment on the obligation is extremely strong. Obligations rated 'A-1(High)' on the Canadian commercial paper rating scale would qualify for a rating of 'A-1+' on Standard & Poor's global short-term rating scale.
<b>A-1(Mid)</b>	Short-term obligations rated 'A-1(Mid)' reflect a strong capacity for the obligor to meet its financial commitment on the obligation. Obligations rated 'A-1(Mid)' on the Canadian commercial paper rating scale would qualify for a rating of 'A-1' on Standard & Poor's global short-term rating scale.
<b>A-1(Low)</b>	A short-term obligation rated 'A-1(Low)' is slightly more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rating categories. However, the obligor's capacity to meet its financial commitment on the obligation is satisfactory. Obligations rated 'A-1(Low)' on the Canadian commercial paper rating scale would qualify for a rating of 'A-2' on Standard & Poor's global short-term rating scale.
<b>A-2</b>	Obligations rated 'A-2' reflect a satisfactory capacity of the obligor to fulfill its financial commitment on the obligation, while exhibiting higher susceptibility to changing circumstances or economic conditions than obligations rated 'A-1(Low)'. Obligations rated 'A-2' on the Canadian commercial paper rating scale would qualify for a rating of 'A-2' on Standard & Poor's global short-term rating scale.
<b>A-3</b>	A short-term obligation rated 'A-3' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation. Obligations rated 'A-3' on the Canadian commercial paper rating scale would qualify for a rating of 'A-3' on Standard & Poor's global short-term rating scale.
<b>B</b>	A short-term obligation rated 'B' is regarded as having significant speculative characteristics. The obligor currently has the capacity to meet its financial commitment on the obligation; however, it faces major ongoing uncertainties that could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.
<b>C</b>	A short-term obligation rated 'C' is currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation.
<b>D</b>	A short-term obligation rated 'D' is in payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of a similar action if payments on an obligation are jeopardized.

## 2. Canadian Fund Sensitivity Ratings

65. A fund sensitivity rating is a forward-looking opinion about a fund's inherent share price and return sensitivity to changing market conditions, as measured by the variability of its share price and return. The rating is based on a fund's Value at Risk (VaR; see paragraph 66) relative to a 1-year risk free benchmark. For each sensitivity rating category, risk limits are established that are based on a multiple of VaR compared to the 1-year market benchmark.

Table 20

Canada National Scale Fund Sensitivity Ratings (see paragraph 66)	
Category	Definition
<b>Low Sensitivity</b>	Funds that possess low share price and return variability compared to a 1-year risk free benchmark are rated 'Low Sensitivity.' Within the category, certain funds are rated 'Extremely Low Sensitivity', indicating extremely low sensitivity to changing market conditions.
<b>Low to Moderate Sensitivity</b>	Funds that possess low to moderate share price and return variability compared to a 1-year risk free benchmark are rated 'Low to Moderate Sensitivity.'
<b>Moderate Sensitivity</b>	Funds that possess moderate share price and return variability compared to a 1-year risk free benchmark are rated 'Moderate Sensitivity.'
<b>Moderate to High Sensitivity</b>	Funds that possess moderate to high share price and return variability compared to a 1-year risk free benchmark are rated 'Moderate to High Sensitivity.'
<b>High Sensitivity</b>	Funds that possess high share price and return variability compared to a 1-year risk free benchmark are rated 'High Sensitivity.'
<b>Extremely High Sensitivity</b>	Funds that possess extremely high share price and return variability compared to a 1-year risk free benchmark are rated 'Extremely High Sensitivity.'

66. Value at Risk (VaR) is a probability-based metric for quantifying the market risk of assets and portfolios. VaR is often used as an approximation of the "maximum reasonable loss" over a chosen time horizon. To quantify a fund's sensitivity rating profile, Standard & Poor's utilizes the 250-day historical 99% VaR of the fund's return versus the same VaR of the benchmark.

67. Risk free benchmark for the country of domicile for each rated fund. Where no risk free benchmark is available, Standard & Poor's utilizes the most appropriate benchmark for that market.

Below is a list of the benchmarks used in the analysis:

- United States: 1-Year T-Bill Index
- Canada: Scotia 1-Year Canadian T-Bill Index

### 3. Canadian Preferred Share Scale Ratings

68. The Standard & Poor's Canadian preferred share rating scale serves issuers, investors, and intermediaries in the Canadian financial markets by expressing preferred share ratings (determined in accordance with global rating criteria) in terms of rating symbols that have been actively used in the Canadian market over a number of years. A Standard & Poor's preferred share rating on the Canadian scale is a forward-looking opinion about the creditworthiness of an obligor with respect to a specific preferred share obligation issued in the Canadian market, relative to preferred shares issued by other issuers in the Canadian market. There is a direct correspondence between the specific ratings assigned on the Canadian preferred share scale and the various rating levels on the global debt rating scale of Standard & Poor's. The Canadian scale rating is fully determined by the applicable global scale rating, and there are no additional analytical criteria associated with the determination of ratings on the Canadian scale. It is the practice of Standard & Poor's to present an issuer's preferred share ratings on both the global rating scale and on the Canadian national scale when listing the ratings for a particular issuer.

69. The following table shows the national scale preferred share ratings and the corresponding global scale preferred share ratings:

**Table 21**

<b>Canada National Scale Preferred Share Scale</b>			
<b>National Scale Preferred Share Rating</b>	<b>Global Scale Preferred Share Rating</b>	<b>National Scale Preferred Share Rating</b>	<b>Global Scale Preferred Share Rating</b>
P-1(High)	AA	P-3(Low)	BB-
P-1	AA-	P-4(High)	B+
P-1	A+	P-4	B
P-1(Low)	A	P-4(Low)	B-
P-1(Low)	A-	P-5(High)	CCC+
P-2(High)	BBB+	P-5	CCC
P-2	BBB	P-5(Low)	CCC-
P-2 Low	BBB-	CC	CC
P-3(High)	BB+	C	C
P-3	BB	D	D

## D. Nordic Regional Scale Short-Term Ratings

70. Nordic regional scale ratings use a unique set of rating definitions detailed in paragraph 71 and table 22.

71. The following is the Nordic Regional Scale that applies to short-term obligations.

**Table 22**

<b>Nordic Short-Term Regional Scale</b>	
<b>Category</b>	<b>Definition</b>
<b>K-1</b>	Highest creditworthiness. An issuer of commercial paper assigned to this category is regarded as having a very good capacity for timely payment of rated debt. Cash flow and liquidity are more than satisfactory to meet predictable demands in the foreseeable future.
<b>K-2</b>	High creditworthiness. An issuer of commercial paper assigned to this category is regarded as having a good capacity for timely repayment of rated debt. Cash flow and liquidity are satisfactory to meet predictable financial demands in the foreseeable future.
<b>K-3</b>	Adequate creditworthiness. An issuer of commercial paper assigned to this category is regarded as having an adequate capacity for timely repayment of rated debt. Cash flow and access to liquidity are sufficient to meet predictable financial demands in the future.
<b>K-4</b>	Speculative capacity. An issuer of commercial paper assigned to this category is regarded as having doubtful capacity for timely repayment of rated debt. It is doubtful that cash flow and access to liquidity are sufficient to meet predictable financial demands within the near future.
<b>K-5</b>	Deficient capacity. An issuer of commercial paper assigned to this category is, or is expected to become, unable to meet predictable financial demands.
<b>BK</b>	Default. An issuer of commercial paper assigned to this category is in default.

## E. Standard & Poor's Maalot (Israel) National Scale Ratings

72. Standard & Poor's Maalot (Israel) national scale use a unique set of rating definitions detailed in paragraphs 73-82 and tables 23-26.

73. The Standard & Poor's Maalot (Israel) national scale serves issuers, insurers, counterparties, intermediaries, and investors in the financial markets of the State of Israel by providing both debt credit ratings, which apply to a specific debt instrument, and issuer credit ratings, which apply to an obligor (i.e., borrower, guarantor, bank, insurer, or other provider of credit enhancement). The Standard & Poor's Maalot national scale uses Standard & Poor's global rating symbols with the addition of an 'il' prefix to denote "Israel" and the scale's focus on Israeli financial markets. For the most part, the criteria employed for determining ratings on the Standard & Poor's Maalot national scale are similar to those employed on the Standard & Poor's global scale. However, certain direct sovereign risk considerations weigh less heavily on the Standard & Poor's Maalot national scale than on the global scale. For example, some types of sovereign risk considerations that could adversely affect all issuers equally would have a more muted effect on the Standard & Poor's Maalot national scale than on the global scale. Indeed, sovereign risk is examined only in a local context relative to the credit risk of other Israeli obligors. As a result, the Standard & Poor's Maalot national scale is not directly comparable to Standard & Poor's global scale or to any other national rating scale.

### 1. Debt Credit Ratings

74. A Standard & Poor's Maalot national scale debt credit rating is a forward-looking opinion about the creditworthiness of an obligor with respect to a specific debt, bond, lease, commercial paper program, certificate of deposit, or other financial instrument ("obligation") relative to the creditworthiness of other Israeli obligors with

respect to their own financial obligations. Israeli obligors include all active borrowers, guarantors, banks, insurers, and other providers of credit enhancement residing in Israel, as well as any foreign obligor active in Israeli financial markets.

## **2. Long-Term Debt Credit Ratings**

75. Standard & Poor's Maalot national scale debt credit ratings are based, in varying degrees, on the analysis of the following considerations:

- The relative likelihood of payment--the rating assesses the obligor's capacity and willingness to meet its financial commitments in accordance with the terms of the obligation, compared with other Israeli obligors;
- The obligation's nature and provisions; and
- Protection afforded to, and the relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under bankruptcy laws and other laws affecting creditors' rights.

76. Obligation ratings are an assessment of default risk, but may incorporate an assessment of relative seniority or ultimate recovery in the event of default. Junior obligations are typically rated lower than senior obligations, to reflect the lower priority in bankruptcy, as noted above. (Such differentiation may apply when an entity has both senior and subordinated obligations, secured and unsecured obligations, or operating company and holding company obligations.)

Table 23

Standard & Poor's Maalot (Israel) National Scale Long-Term Issue Ratings*	
Category	Definition
<b>iIAAA</b>	An obligation rated 'iIAAA' has the highest rating assigned on Standard & Poor's Maalot national scale. The obligor's capacity to meet its financial commitments on the obligation, relative to other Israeli obligors, is very strong.
<b>iIAA</b>	An obligation rated 'iIAA' differs from the highest-rated debt only to a small degree. The obligor's capacity to meet its financial commitments on the obligation, relative to other Israeli obligors, is strong.
<b>iIA</b>	An obligation rated 'iIA' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than higher –rated obligors. Still, the obligor has a moderately strong capacity to meet its financial commitments on the obligation, relative to other Israeli obligors.
<b>iIBBB</b>	An obligation rated 'iIBBB' exhibits reasonably adequate protection parameters relative to other Israeli obligations. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity on the part of the obligor to meet its financial commitments on the obligation.
<b>iIBB; iIB; iICCC; iICC; and iIC</b>	Obligations rated 'iIBB', 'iIB', 'iICCC', 'iICC', and 'iIC' on the Standard & Poor's Maalot national rating scale are regarded as having high risk relative to other Israeli obligations. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposure to adverse conditions relative to other Israeli obligations.
<b>iIBB</b>	An obligation rated 'iIBB' denotes somewhat weak protection parameters relative to other Israeli obligations. The obligor's capacity to meet its financial commitments on the obligation is somewhat weak because of major ongoing uncertainties or exposure to adverse business, financial, or economic conditions.
<b>iIB</b>	An obligation rated 'iIB' is more vulnerable than obligations rated 'iIBB' relative to other Israeli obligations. The obligor currently has a weak capacity to meet its financial obligations. Adverse business, financial, or economic conditions, however, would likely impair capacity or willingness of the obligor to meet its financial commitments on the obligation.
<b>iICCC</b>	An obligation rated 'iICCC' is currently vulnerable to nonpayment, relative to other Israeli obligations, and is dependent upon favorable business and financial conditions for the obligor to meet its financial commitments on the obligation. In the event of adverse business, financial, or economic conditions, the obligor is unlikely to have the capacity to meet its financial commitment on the obligation.
<b>iICC</b>	An obligation rated 'iICC' is currently highly vulnerable to nonpayment relative to other Israeli obligations.
<b>iIC</b>	An 'iIC' rating is assigned to obligations that are currently highly vulnerable to nonpayment, obligations that have payment arrearages allowed by the terms of the documents, or obligations of an issuer that is the subject of a bankruptcy petition or similar action which have not experienced a payment default. Among others, the 'C' rating may be assigned to subordinated debt, preferred stock, or other obligations on which cash payments have been suspended in accordance with the instrument's terms.
<b>D</b>	An obligation rated 'D' is in payment default. The 'D' rating is used when interest or principal payments are not made on the date due, unless Standard & Poor's Maalot believes that such payments will be made within five business days, irrespective of the grace period. The 'D' rating category also will be used upon the filing of a bankruptcy petition or the taking of a similar action if payments on an obligation are jeopardized, or upon completion of a distressed exchange offer, whereby some or all of an issue is either repurchased for an amount of cash or replaced by other securities having a total value that clearly is less than par, even though the offer may be well in excess of the market price.

\*The ratings from 'iIAA' to 'iICCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative strength within the rating category.

### 3. Short-Term Ratings

77. Apply to obligations with an original maturity of less than one year.

Table 24

Standard & Poor's Maalot (Israel) National Scale Short-Term Issue Ratings	
Category	Definition
<b>iIA-1</b>	A short-term obligation rated 'iIA-1' is rated in the highest category on Standard & Poor's Maalot Israeli national scale. The obligor's capacity to meet its commitments on the obligation, relative to other Israeli obligors, is strong. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations, relative to that of other obligors in the Israeli market, is very strong.
<b>iIA-2</b>	A short-term obligation rated 'iIA-2' is slightly more susceptible to adverse changes in circumstances and economic conditions than obligations rated 'iIA-1'. The obligor's capacity to meet its financial commitments on the obligation, relative to other Israeli obligors, is satisfactory.
<b>iIA-3</b>	A short-term obligation rated 'iIA-3' denotes adequate protection parameters relative to other short-term Israeli obligations. It is, however, more vulnerable to adverse effects of changes in circumstances than obligations carrying the higher designations.
<b>iIB</b>	A short-term obligation rated 'iIB' denotes weak protection parameters relative to other short-term Israeli obligations. It is vulnerable to adverse business, financial, or economic conditions.
<b>iIC</b>	A short-term obligation rated 'iIC' denotes doubtful capacity for payment.
<b>D</b>	A short-term obligation rated 'D' denotes a payment default. The 'D' rating category is used when payments on an obligation are not made on the date due, unless Standard & Poor's Maalot believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days.

#### 4. Issuer Credit Ratings

78. A Standard & Poor's Maalot national scale issuer credit rating is a forward-looking opinion about the overall creditworthiness of a debt issuer, guarantor, bank, insurer, or other provider of credit enhancement ("obligor") to meet its financial obligations as they come due, relative to other Israeli obligors. Such Israeli obligors include all active borrowers, guarantors, banks, insurers, and other providers of credit enhancement residing in Israel, as well as foreign obligors active on Israeli financial markets. A counterparty credit rating is a form of issuer credit rating.

79. Issuer credit ratings do not apply to specific obligations, as they do not take into account the nature and provisions of the obligation, its standing in bankruptcy or liquidation, statutory preferences, or the legality and enforceability of the obligation. In addition, they do not take into account the creditworthiness of the guarantors, insurers, or other forms of credit enhancement on the obligation.

#### 5. Long-Term Issuer Credit Ratings

Table 25

Standard & Poor's Maalot (Israel) National Scale Long-Term Issuer Ratings*	
Category	Definition
<b>iIAAA</b>	An obligor rated 'iIAAA' has a very strong capacity to meet its financial commitments relative to that of other Israeli obligors. 'iIAAA' is the highest issuer credit rating assigned according to the Standard & Poor's Maalot national scale.
<b>iIAA</b>	An obligor rated 'iIAA' differs from the highest-rated obligors only to a small degree, and has a strong capacity to meet its financial commitments relative to that of other Israeli obligors.
<b>iIA</b>	An obligor rated 'iIA' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than higher-rated obligors. Still, the obligor has a moderately strong capacity to meet its financial commitments relative to that of other Israeli obligors.
<b>iIBBB</b>	An obligor rated 'iIBBB' has a reasonably adequate capacity to meet its financial commitments relative to that of other Israeli obligors. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitments.
<b>iIBB; iIB; iICCC; and iICC</b>	Obligors rated 'iIBB', 'iIB', 'iICCC', and 'iICC' on the Standard & Poor's Maalot national rating scale are regarded as having high risk relative to other Israeli obligors. While such obligors will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposure to adverse conditions relative to other Israeli obligors.
<b>iIBB</b>	An obligor rated 'iIBB' denotes somewhat weak capacity to meet its financial commitments, although it is less vulnerable than other lower-rated Israeli obligors. However, it faces ongoing uncertainties or exposure to adverse business, financial, or economic conditions, which could result in an inadequate capacity on the part of the obligor to meet its financial commitments.
<b>iIB</b>	An obligor rated 'iIB' is more vulnerable than obligors rated 'iIBB'. The obligor currently has a weak capacity to meet its financial commitments relative to other Israeli obligors. Adverse business, financial, or economic conditions would likely impair the obligor's capacity or willingness to meet its financial commitments.
<b>iICCC</b>	An obligor rated 'iICCC' is currently vulnerable relative to other Israeli obligors and is dependent upon favorable business and financial conditions to meet its financial commitments.
<b>iICC</b>	An obligor rated 'iICC' is currently highly vulnerable to defaulting on its financial commitments relative to other Israeli obligors.
<b>iIR</b>	An obligor rated 'iIR' is under regulatory supervision owing to its financial condition. During the pendency of the regulatory supervision, the regulators may have the power to favor one class of obligations over others or pay some obligations and not others. Please see Standard & Poor's debt credit ratings for a more detailed description of the effects of regulatory supervision on specific issues or classes of obligations.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' is in payment default on one or more of its financial obligations (rated or unrated), unless Standard & Poor's Maalot believes that such payments will be made within five business days, irrespective of the grace period. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action if payments on a financial obligation are jeopardized. A 'D' rating is assigned when Standard & Poor's Maalot believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when Standard & Poor's Maalot believes that the obligor has selectively defaulted on a specific issue or class of obligations, but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A selective default includes the completion of a distressed exchange offer, whereby one or more financial obligation is either repurchased for an amount of cash or replaced by other instruments having a total value that is less than par.

\*The ratings from 'iIAA' to 'iICCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative strength within the rating category.

## 6. Short-Term Issuer Credit Ratings

80. Apply to obligors' capacity to meet financial commitments over a time horizon of less than one year.

Table 26

Standard & Poor's Maalot (Israel) National Scale Short-Term Issuer Ratings	
Category	Definition
<b>iIA-1</b>	An obligor with an 'iIA-1' short-term rating has a strong capacity to meet financial commitments relative to that of other Israeli obligors. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations, relative to that of other obligors in the Israeli market, is very strong.
<b>iIA-2</b>	An obligor with an 'iIA-2' short-term rating has a satisfactory capacity to meet financial obligations relative to that of other Israeli obligors.
<b>iIA-3</b>	An obligor with an 'iIA-3' short-term rating has an adequate capacity to meet financial commitments relative to that of other Israeli obligors. However, the obligor is more vulnerable to adverse changes in business circumstances or economic conditions than higher-rated obligors.
<b>iIB</b>	An obligor with an 'iIB' short-term rating has a weak capacity to meet financial commitments, relative to that of other Israeli obligors, and is vulnerable to adverse business, financial, or economic conditions.
<b>iIC</b>	An obligor with an 'iIC' short-term rating has a doubtful capacity to meet financial commitments.
<b>SD and D</b>	An obligor rated 'SD' (selective default) or 'D' has failed to pay one or more of its financial obligations (rated or unrated) when it came due, unless Standard & Poor's Maalot believes that such payments will be made within any stated grace period. However, any stated grace period longer than five business days will be treated as five business days. An 'D' rating is assigned when Standard & Poor's Maalot believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when Standard & Poor's Maalot believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner.

## 7. Rating Outlooks

81. A Standard & Poor's Maalot national scale rating outlook assesses the potential direction of an obligor's long-term credit rating over the intermediate term, typically six months to two years. In determining a rating outlook, consideration is given to any changes in the economic and/or fundamental business conditions. An outlook is not necessarily a precursor of a rating change or future CreditWatch action.

- Positive indicates that a rating may be raised.
- Negative means a rating may be lowered.
- Stable indicates that a rating is not likely to change.
- Developing means a rating may be raised or lowered.
- N.M. means not meaningful.

## 8. CreditWatch

82. CreditWatch highlights the potential direction of a short- or long-term rating. It focuses on identifiable events and short-term trends that cause ratings to be placed under special surveillance by Standard & Poor's Maalot analytical staff. These may include mergers, recapitalizations, voter referendums, regulatory action, or anticipated operating developments. Ratings appear on CreditWatch when such an event or a deviation from an expected trend occurs and additional information is necessary to evaluate the current rating. A listing, however, does not mean a rating change is inevitable. CreditWatch is not intended to include all ratings under review, and rating changes may occur without the ratings having first appeared on CreditWatch. The "positive" designation means that a rating may be raised; "negative" means a rating may be lowered; and "developing" means that a rating may be raised, lowered, or affirmed.

## F. Taiwan Fixed-Income Fund Credit Quality Ratings

83. Taiwan Fixed-Income Fund Credit Quality Ratings, identified by the 'f' suffix, are assigned to funds that exhibit variable net asset values. The 'tw' prefix indicates that the funds are rated using the Taiwan Ratings domestic rating

scale. A fixed-income fund rating is not directly comparable to a debt rating because of differences in rating criteria.

84. A fixed-income fund rating reflects the level of protection the funds portfolio provides against losses from credit defaults. It does not assess a fund's total net return and net asset value sensitivity. In evaluating a bond fund, Taiwan Ratings examines the credit quality of the assets that comprise the portfolio of the fund, liquidity and the way the fund is managed. Management assessment considers a fund's investment guidelines, experience, investment strategies, operational policies and internal controls.

**Table 27**

<b>Taiwan Fixed-Income Fund National Scale Credit Quality Ratings*</b>	
<b>Category</b>	<b>Definition</b>
<b>twAAAf</b>	Funds rated 'twAAAf' provide extremely strong protection against losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twAAf</b>	Fund's rated 'twAAf' provide very strong protection against losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twAf</b>	Fund's rated 'twAf' provide strong protection against losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twBBBf</b>	Fund's rated 'twBBBf' provide adequate protection against losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twBBf</b>	Fund's rated 'twBBf' provide uncertain protection against losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twBf</b>	Fund's rated 'twBf' provide vulnerability to losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.
<b>twCCCf</b>	Fund's rated 'twCCCf' are extremely vulnerable to losses from credit defaults relative to other bond funds rated on the TRC 'tw' scale.

\*The ratings from 'twAAf' to 'twCCCf' can be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

## G. Japan SME National Scale Ratings

85. The Standard & Poor's Japan Small and Medium-Sized Enterprise (SME) national scale serves Japanese SMEs, lenders, suppliers, and other parties that have an interest in SME creditworthiness by providing enterprise credit ratings. A Standard & Poor's Japan SME rating reflects Standard & Poor's opinion of the overall financial capacity of a Japanese SME to meet its financial obligations as they come due, relative to other Japanese SME obligors. A Standard & Poor's Japan SME rating is a quantitatively derived indicator of creditworthiness. Calculations differ significantly from Standard & Poor's rating criteria and do not include subjective assessments or judgments of individual SMEs by analysts. Japan SME ratings are expressed using Standard & Poor's traditional credit rating symbols, but in lower case (e.g., 'bbb') to highlight that they are quantitatively derived.

86. Standard & Poor's Japan SME national scale is not directly comparable to Standard & Poor's global scale, to any other national rating scale or to scales for any quantitatively derived rating estimates. Japan SME ratings are assigned to small and medium-sized enterprises in Japan. For every rating category, firms with a Japan SME rating are typically smaller than firms with an "equivalent" Standard & Poor's credit rating on the global scale. Standard & Poor's rating analysts do not determine Japan SME ratings and, if Standard & Poor's ratings criteria were applied, it is unlikely that analysts would rate companies as indicated by the Japan SME ratings.

87. A Japan SME rating does not apply to any specific obligation, as it does not take into account the nature and provisions of the obligation, its standing in bankruptcy or liquidation, statutory preferences, or the legality and enforceability of the obligation. In addition, it does not take into account the creditworthiness of the guarantors,

insurers, or other forms of credit enhancement on the obligation.

**Table 28**

<b>Japan SME National Scale Ratings</b>	
<b>Category</b>	<b>Definition</b>
<b>aaa</b>	An obligor rated 'aaa' has a very strong capacity to meet its financial commitments relative to that of other Japanese SMEs. 'aaa' is the highest credit rating assigned on the Standard & Poor's Japan SME rating scale.
<b>aa</b>	An obligor rated 'aa' differs from the highest-rated obligors only to a small degree, and has a strong capacity to meet its financial commitments relative to that of other Japanese SMEs.
<b>a</b>	An obligor rated 'a' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than higher-rated obligors. Still, the obligor has a moderately strong capacity to meet its financial commitments relative to that of other Japanese SMEs.
<b>bbb</b>	An obligor rated 'bbb' has a reasonably adequate capacity to meet its financial commitments relative to that of other Japanese SMEs. However, adverse economic conditions or changing circumstances could impair the obligor's capacity to meet its financial commitments.
<b>bb</b>	An obligor rated 'bb' has somewhat weak capacity to meet its financial commitments relative to that of other Japanese SMEs. However, it faces ongoing uncertainties or exposure to adverse business, financial, or economic conditions, which could result in an inadequate capacity to meet its financial commitments.
<b>b</b>	An obligor rated 'b' has a weak capacity to meet its financial commitments relative to that of other Japanese SMEs. Adverse business, financial, or economic conditions will likely impair the obligor's capacity to meet its financial commitments.
<b>ccc</b>	An obligor rated 'ccc' is currently vulnerable to nonpayment relative to other Japanese SMEs, and is dependent upon favorable business and financial conditions to meet its financial commitments. In the event of adverse business, financial or economic conditions, the obligor is not likely to have the capacity to meet its financial commitments.

## H. Argentine Stock Ratings

88. A stock rating on Standard & Poor's Argentine national rating scale is a current opinion on the capacity of an entity to generate value for shareholders. This value may be observed in the future, through

- a) an increase in profitability and equity value of the company or financial institution,
- b) its capacity to distribute dividends, or
- c) the investor's ability to sell the stock when required. Consequently, the analysis addresses the entity's capacity to generate earnings.

**Table 29**

<b>Argentine National Scale Stock Ratings</b>				
<b>Capacity to generate earnings</b>				
	Very Good: The capacity to generate earnings may be insignificantly affected, even in case of relatively significant changes in the general economic environment, in the entity's specific sector and/or in the financial markets.	Good: The capacity to generate earnings may be slightly affected, in case of relatively significant changes in the entity's specific sector and/or in the financial markets.	Weak: The capacity to generate earnings may be fairly affected, even absent of significant changes in the general economic environment, or could be significantly affected, in case of changes to very specific factors.	Low: In order to improve, the capacity to generate earnings requires significant changes in general factors or very significant changes in very specific factors.
<b>Liquidity</b>				
High: Includes stocks that fall into the first third of higher traded stocks on a daily basis in the relevant market/s.	1	1	2	3

**Table 29**

<b>Argentine National Scale Stock Ratings (cont.)</b>				
Medium: Includes stocks that fall into the second third of higher traded stocks on a daily basis in the relevant market/s.	1	2	3	4
Low: Includes stocks that fall into the last third of higher traded stocks on a daily basis in the relevant market/s.	2	3	4	4
Definition of '5' rating: stocks regarding which the issuers do not provide valid or representative information.				

## VI. OTHER CREDIT RELATED OPINIONS

### A. Credit Estimates

89. A credit estimate is an indication, provided to a third party, of the likely Standard & Poor's issue or issuer credit rating on an unrated obligation or obligor. The estimate is based on input from a variety of sources including quantitative models, where applicable, and draws on analytical experience and sector knowledge of Standard & Poor's analysts. These estimates do not involve direct contact with the obligor's management or in-depth insight into operating, financial, or strategic issues that such contact may allow. Standard & Poor's does not maintain ongoing surveillance on credit estimates, but periodic updates may be provided. A credit estimate is generally confidential. Credit estimates are expressed using Standard & Poor's traditional credit rating symbols, but in lower case (e.g., 'bbb').

### B. Credit Assessments

90. A credit assessment is a indicator of Standard & Poor's opinion of creditworthiness that may be expressed in descriptive terms, a broad rating category or with the addition of a plus (+) or minus (-) sign to indicate relative strength within the category. It reflects our view of the general credit strengths and weaknesses of an issuer, obligor, a proposed financing structure, or elements of such structures. It may also pertain to limited credit matters or carve out certain elements of a credit that would ordinarily be taken into account in a credit rating. A credit assessment usually represents a point-in-time evaluation and Standard & Poor's generally does not maintain ongoing surveillance of credit assessments. A credit assessment is generally confidential. Credit assessments are expressed using Standard & Poor's traditional credit rating symbols, but in lower case (e.g., 'bbb').

## VII. OTHER IDENTIFIERS

## A. Active Identifiers

91. Six other identifiers are currently used. These words or symbols provide additional information but do not change the definition of a rating or our opinion about the issue's or issuer's creditworthiness. The identifiers are often required by regulation.

### 1. Unsolicited: 'unsolicited' identifier

92. Unsolicited ratings are those credit ratings assigned at the initiative of Standard & Poor's and not at the request of the issuer or its agents.

### 2. Structured finance: 'sf' identifier

93. The (sf) suffix is assigned to all issues and issuers to which a regulation, such as the European Union Regulation on Credit Rating Agencies, requires the assignment of an additional symbol which distinguishes a structured finance instrument or obligor (as defined in the regulation) from any other instrument or obligor. The addition of this suffix to a credit rating does not change the definition of that rating or our opinion about the issue's or issuer's creditworthiness.

### 3. Japan: 'jr' identifier

94. The 'JR' identifier is assigned to all issues and issuers ratings assigned by either Standard & Poor's Ratings Japan K.K. or Nippon Standard & Poor's K.K., each of which is a registered credit rating agency in Japan, as ratings registered under the Japanese regulation. The addition of the identifier does not change the definition of that rating or our opinion about the issue's or issuer's creditworthiness.

### 4. European Union: 'EU' identifier

95. Standard & Poor's assigns the 'EU' identifier to global scale ratings assigned by Standard & Poor's rating entities (or branches thereof) regulated in the European Union. The addition of the 'EU' identifier to a rating does not change that rating's definition or our opinion about the issue's or issuer's creditworthiness.

### 5. European Endorsed: 'EE' identifier

96. Standard & Poor's assigns the 'EE' identifier to global scale ratings assigned by Standard & Poor's rating entities established outside the European Union which are endorsed by a Standard & Poor's rating entity regulated in the European Union. The addition of the 'EE' identifier to a rating does not change that rating's definition or our opinion about the issue's or issuer's creditworthiness.

### 6. Nippon KK: 'XN' identifier

97. Nippon Standard & Poor's K.K. (Nippon KK) assigns the 'XN' identifier to credit ratings assigned by Nippon KK. Nippon KK is not a Nationally Recognized Statistical Rating Organization. The addition of the 'XN' identifier to a rating does not change that rating's definition or our opinion about the issue's or issuer's creditworthiness.

## B. Inactive Identifiers

98. Inactive identifiers are no longer applied or outstanding.

### 1. European Endorsement : 'EX' identifier

99. Standard & Poor's provisionally assigned the 'EX' identifier during a transitional period ending on April 30, 2012, to global scale ratings assigned by Standard & Poor's rating entities established in jurisdictions outside the

European Union (EU) that were not recognized by EU regulators as endorsable, but which nevertheless were recognized for certain EU regulatory purposes. Before the transitional period ended, Standard & Poor's replaced the 'EX' identifier on certain ratings with 'EE' identifiers following determinations by EU regulators that such ratings were endorsable. However, following the end of the transitional period, any ratings still bearing the 'EX' identifiers are no longer recognized for certain EU regulatory purposes. With certain exceptions, Standard & Poor's no longer assigns the 'EX' identifier and may remove the 'EX' identifier from existing ratings. The addition, or lack, of the 'EX' identifier to a rating does not change the definition of that rating. Discontinued use in June 2012.

## VIII. CONTACT INFORMATION

**Table 30**

<b>Criteria Group Contacts</b>				
<b>Contact</b>	<b>Role</b>	<b>Location</b>	<b>Telephone</b>	<b>E-Mail</b>
Ian Thompson	Chief Credit Officer	London	(44) 20 7176 3395	ian_thompson@standardandpoors.com
Cathy Daicoff	Analytics Policy Board	New York	(212) 438-6766	cathy_daicoff@standardandpoors.com
Felix Herrera	Senior Credit Officer - Structured Finance	New York	(212) 438-2485	felix_herrera@standardandpoors.com
Lapo Guadagnuolo	Chief Credit Officer - Europe, Middle East Africa	London	(44) 20 7176 3507	lapo_guadagnuolo@standardandpoors.com
Fabienne Michaux	Chief Credit Officer - Asia Pacific	Melbourne	(61) 3 9631 2050	fabienne_michaux@standardandpoors.com
Colleen Woodell	Chief Credit Officer - Corporates & Governments	New York	(212) 438-2118	colleen_woodell@standardandpoors.com
Laura Feinland Katz	Criteria Officer - Emerging Market Chair	New York	(212) 438-7893	laura_feinland_katz@standardandpoors.com

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