

A Division of KBRA Analytics

RATINGS FEED SPECIFICATIONS

This outlines the standard rating data feed from KBRA.

FORMAT Tab Delimited Text File

NAMING CONVENTION YYYY-MM-DD_kbra_ratings.txt FILE CONTENTS The file will contain the most current rating for all outstanding bonds we rate.

DELIVERY FREQUENCY By default, we will deliver this file to an FTP site on a weekday basis at or before 11:00 PM.

FIELDS:

RATING The actual rating [CHAR 10]

RATING ACTION DATE The date of the rating action [MM/DD/YYYY]

RATING ACTION TYPE (Preliminary, Assigned, Affirmed etc.) [CHAR 20] | security [CHAR 9]

RATING OUTLOOK

The outlook tied to the issuer of the security (where applicable) [CHAR 5]

RATING OUTLOOK ACTION DATE The date of the outlook action.

CUSIP

This CUSIP identifier for the

RATING TYPE Long Term, Short Term [CHAR 10]

RATING INDICATOR ("sf" or some other indicator to further define the rating) [CHAR 4]

WATCH STATUS [CHAR 5]

RATING CATEGORY [CHAR 25]

In addition, we can also include insured ratings.

DATA DICTIONARY

RATING CATEGORIES

A rating category is stored against each rating in our internal ratings database. This value is included in some rating feeds. Below are the definitions for each category:

Underlying: A rating based solely on the characteristics or credit of the specified issue or obligor.

Insured: An insured rating is a rating on an obligation that is based on the presence of an insurance policy provided by a financial guarantor for which KBRA has assigned an insurance financial strength rating.

Bank Enhanced: An irrevocable commitment, usually made by a commercial bank, to honor demands for payment of a debt upon compliance with conditions and/or the occurrence of certain events specified under the terms of the letter of credit and any associated reimbursement agreement.

Programmatic: The use of the credit of an entity other than the issuer or obligor to provide additional security or complete credit substitution in a bond or note financing. The term can be used in the context state intercept quarantee. credit programs of federal or state governments or federal agencies, among others.

For more information, please contact:

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RATING ACTIONS:

Preliminary Watch Downgrade Assigned Watch Upgrade Affirmed Watch Developing Downgrade Withdrawn Not Rated Upgrade

RATING OUTLOOKS:

NULL NEG POS DEV

WATCH LIST STATUS

DN DEV UP **NULL**

RATING TYPE: LONG TERM

| AAA | A- | B+ | CC |
|-----|------|------|----|
| AA+ | BBB+ | В | С |
| AA | BBB | B- | D |
| AA- | BBB- | CCC+ | |
| A+ | BB+ | CCC | |
| Δ | BB- | CCC- | |

RATING TYPE: SHORT TERM

| K1+ | K2 | В | D |
|-----|----|---|---|
| K1 | K3 | С | |

