

Historical Data Dissemination of Wholesale Debt Market Segment

Welcome to the data dissemination effort at NSE Wholesale Debt Market Segment!

Motivation

NSE started its WDM operations in June 1994. The WDM segment has grown rapidly in the last two years. In the year 2001-2002 the growth was almost 121% as compared to the previous year. This has led to a series of requests for historical data, for use in research and analysis amongst market participants, researchers, and policy makers. In response to these requests, NSE has now setup a formal framework for historical data dissemination of Wholesale Debt Market segment of the Exchange. Historical Data pertaining to Central Govt. securities and T-Bills is currently being provided.

We look forward to hearing about how you have found these CDs useful, and in having your views about what we should focus on in our future releases.

Data Organization

The CD contains 3 directories.

Trade Details

It contains every single trade that took place in the WDM segment. The data is stored in a day wise manner in files. The file name indicates the year and month of the data it contains (trd200301 indicates trades file for the month of January 2003).

Masters

It gives the details about securities available for trading in the WDM segment. The data is on month end date. (iss200301 indicates file for the month of January 2003).

Circulars

It contains the circulars issued by the WDM segment of the Exchange.

Trade Details Directory

This directory contains every trade that took place in Central Government securities and Treasury Bills. The data is provided for the period April 1999 to January 2003. There is a distinct file for each month. The trade details for January 2003 will be found in trd200301.csv. The file is organized as follows:-

Trade No. :

A number of each trade is given.

Trade Time:

Time at which the trade took place. The format is hh:mm:ss.

Sec Type:

Gives the Security type like GS for Govt. security, TB for T-Bills, GD for Compensation Bond, GF for Floating Rate Bond, etc.

Security:

It gives the description of the security e.g. CG 2032 gives the Central Govt. security with maturity year 2032.

Issue Name:

Issue Name gives the Coupon in percentage for Gsecs and date of maturity for a T-Bill.

Trade Type:

This will indicate whether trade is outright deal i.e. NR (Non-Repo) or Repurchase agreement i.e. RE (Repo).

Trade Date:

This indicates date on which trade took place.

Settlement Date:

This date indicates date on which the trade was settled. Currently settlement up to T+2 allowed in WDM segment.

Trade Quantity:

It gives trade value of the particular trade. This is a face value of trade given in Rupees lakhs.

Price Rate:

For Non repo deals price rate indicates price at which trade take place. The price given is clean price i.e. excluding accrued interest. In case of repo deals price will indicates repo rate of the trade.

Price yield:

Yield is calculated for maturity. In case of repo deal there will not be any yield.

Issue Date:

This indicates allotment date of the security.

Coupon Frequency:

This indicates the gap at which interest is paid for coupon bearing bond.

Maturity Date:

This indicates date on which the security will mature.

Masters Directory

This contains a list of all Central Government securities and Treasury Bills which are listed on the WDM segment of the Exchange. The data is provided for the period June 2000 to January 2003. There is a distinct file for each month. The details are provided as on last working day of that month. The details as on January 31, 2003 will be found in iss200301.csv. The file is organized as follows

Sec Type:

Gives the Security type like GS for Govt. security, TB for T-Bills, GD for Compensation Bond, GF for Floating Rate Bond, etc.

Security:

It gives the description of the security e.g. CG 2032 gives the Central Govt. security with maturity year 2032

Issue Name:

Issue Name gives the Coupon in percentage for Gsecs and date of maturity for a T-Bill

Issue Description:

A descriptive string about the product.

Issue Size:

This indicates total face value of that security. Issue size is given in Rupees lakhs.

Issue Date:

This indicates the allotment date of the security.

Maturity Date:

This indicates date on which the security will mature.

Coupon Frequency:

This indicates the gap at which interest is paid for coupon bearing bond.

Market Capitalization:

Market Capitalization is a product of total issue size and last traded price divided by its face value. If the security is not traded at all then issue size will be equal to market capitalization. Market capitalization is given in Rupees lakhs.

Circulars Directory

Circulars are a formal method of communication between NSE and its member brokerage firms. Circulars have been provided from the calendar year 1998.