1. LIST OF BORSA İSTANBUL DATA

1.1. Use and distribution of Borsa İstanbul Data over Open/Closed Distribution Environment

Information on Open Distribution and Closed Distribution Environments through which Borsa İstanbul Data are used and distributed is presented below.

Data	Real-time	Delayed	End of Day
Level 2+	Closed Distribution Environment	N/A	N/A
Level 2	Closed Distribution Environment	N/A	N/A
Level 1+	Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
Mixed Level 1	Closed Distribution Environment*	Open/Closed Distribution Environment	Open/Closed Distribution Environment
Limited Level 1	Open* / Closed* Distribution Environment	N/A	N/A
Equity Market Data Analytics	Closed Distribution Environment	N/A	N/A
Borsa İstanbul Indices	Closed* Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
BIST-KYD Indices	Closed* Distribution Environment	N/A	Closed* Distribution Environment
Equity Market Broker ID Real-time	Closed Distribution Environment	N/A	N/A
Equity Market Broker ID End of Day	N/A	N/A	Closed Distribution Environment
F&O Market Broker ID End of Day	N/A	N/A	Closed Distribution Environment

*: Additional provisions related to the distribution of Data are given in Article 1.3.

N/A: Not Applicable Field

1.2. List of Borsa İstanbul Data

Brief information related to the contents of Data provided by Borsa İstanbul is given below and detailed information may be acquired from Borsa İstanbul.

1.2.1. Borsa İstanbul Indices

Index values, traded value and other information regarding the Equity Market Indices calculated by Borsa İstanbul, with volume information and other information.

1.2.2. BIST-KYD Indices

The values of the indices whose methodology determined jointly by Borsa İstanbul and KYD Bilgi Yönetimi ve İletişim A.Ş. (KYD), and mostly calculated from the Debt Securities Market Data by Borsa İstanbul.

1.2.3. Borsa İstanbul Mixed Level 1 Data

Descriptive information regarding each capital market instrument traded in Borsa İstanbul Equity Market and Derivatives Market and the market, last trade price/rate, best bid/ask prices and other price/rate information, PDP Data, End of Day Data, values of BIST 30 and BIST 100 indices.

1.2.4. Borsa İstanbul Level 1+ Data

Descriptive information, last trade price/rate, best bid/ask prices and other price/rate information, PDP Data and the quantity information for best bid and ask prices regarding each capital market instrument traded in Borsa İstanbul each capital market instrument traded in Borsa İstanbul and the amount and other information related to executed trades.

1.2.5. Borsa İstanbul Level 2 Data

In addition to Level 1+ data, the quantity information for the best 10 levels (all levels in Precious Metals and Diamond Markets-KMKT) of bid and ask prices of each capital market instrument traded in Borsa İstanbul, the volume information for the cancelled buy and sell orders and the other statistics.

1.2.6. Borsa İstanbul Level 2+ Data

In addition to Level 2 data, the quantity information for the best 25 levels of bid and ask prices of each capital market instrument traded in Borsa İstanbul (for Equity Market and Futures & Options Market) and information of the top 10 buy and sell orders for each instrument traded (only for Equity Market).

1.2.7. Borsa İstanbul Limited Level 1 Data

Descriptive information regarding each capital market instrument traded in Borsa İstanbul, last trade price/rate, changes in prices/rates from previous session, End of Day Data.

1.2.8. Borsa İstanbul Equity Market Data Analytics

Order arrival analytics, order cancellation analytics, order flow analytics, volume weighted average price analytics and buyer seller analytics, which are calculated every second for the stocks listed in BIST 100 Index.

1.2.9. Borsa İstanbul Equity Market Broker ID Real-time Data

Detailed real-time information related to the trades executed in Borsa İstanbul Equity Market including the counterparty (broker) information, for the capital market instrument selected by Borsa İstanbul.

1.2.10. Borsa İstanbul Equity Market Broker ID End of Day Data

Detailed information related to the trades executed in Borsa İstanbul Equity Market including the counterparty (broker) information.

1.2.11. Borsa İstanbul Futures and Options (F&O) Broker ID End of Day Data

Detailed information related to the trades executed in Borsa İstanbul F&O Market including the counterparty (broker) information.

1.2.12. Reference Data

- **Borsa İstanbul Index Constituents Data:** The constituent data of Borsa İstanbul Indices and weights of the securities within the indices.
- **BIST-KYD Index Constituents Data:** The constituent data of BIST-KYD Indices and weights of the securities within the indices.
- **Corporate Action Data**: Information related to capital increase/decrease, dividend payment and similar decisions of listed companies of Borsa İstanbul.
- **Equity Market Data:** Breakdown of Monthly Traded Values by Customer, Fund and Portfolio, Ranking Of Members By Session Based Traded Value, Breakdown Of Equity Market Transactions By Members (Monthly & Yearly), Transactions Realized On Behalf And Account Of Foreign Banks/Brokerage Houses Or Individuals, Short Sales (Monthly), Most Active (Top-20) Equities and Members by Traded Value, Basic Ratios (Weekly & Monthly), Historical Volatility of BIST 30 and BIST 100 Index
- **Debt Securities Market Traded Values By Member:** Weekly Traded Value By Members (sub-market based), Breakdown Of Debt Securities Market Transactions By Members (Monthly & Yearly)
- **Public Offering Data:** Information on IPOs in the Equity Market and Debt Securities Market.

1.2.13. Real-time Portfolio Display

The license provided for the display of real-time prices of the capital market instruments included in the portfolio of the Users.

1.3. Additional Provisions Related to Borsa İstanbul Data

a. Real-time Limited Level 1 data can only be distributed on TV, Ticker Display/Board Display/Closed Circuit TV Monitors and through similar media to be approved by Borsa İstanbul.

b. In the Open Distribution Environments, real-time Borsa İstanbul Indices and BIST-KYD Indices can only be distributed on TV, Ticker Display/Board Display/Closed Circuit TV Monitors. Distribution/Usage of real-time Borsa İstanbul Indices and BIST-KYD Indices in Closed Distribution Environments shall be reported (for BIST-KYD Indices only Non Display Usage, Derived Data usage) to Borsa İstanbul and the fees specified in Addendum-3 Borsa İstanbul Data Price List shall be paid. Borsa İstanbul members who receive "Member Unlimited Distribution" License for the distribution of Borsa İstanbul Indices shall not make Reporting for this data.

c. Data related to the futures and options contracts based on the assets traded in KMKT Market are included in Level 1+ and Level 2 data packages of KMKT.

d. The Distributor/Sub Distributor with the authorization to use/distribute Reference Data may distribute these data to their Users over their own applications in Open/Close Distribution Environments. Any third party that would like to have the reference data files for the purpose of integrating to its systems or displaying in its applications shall have a Distributor/Sub Distributor license and pay the related fees specified in Addendum-3 Borsa İstanbul Data Price List.

e. Real-time Portfolio Display is a license provided only to Borsa İstanbul members. Non-member Distributor could display the real-time prices of the capital market instruments included in the portfolio of the Users only if the User has the subscription for the related Real-time data package.

f. Within the scope of Real-time Portfolio Display license, the display of Real-time prices of the capital market instruments included in the portfolio of the Users could be made only in the Closed Distribution Environments controlled by the Distributor.

2. THIRD PARTY CONTENT

2.1. INDICES OWNED BY OTHER COMPANIES

Information related to indices owned by other companies and institutions which are calculated or distributed by Borsa İstanbul. Other Exchanges' Indices are not within this scope.

2.2. SARAJEVO STOCK EXCHANGE (SASE) DATA

2.2.1. Usage and distribution of SASE Data over Open/Closed Distribution Environment

Information on Open Distribution and Closed Distribution Environments through which SASE Data are used and distributed is presented below.

Data	Real-time	Delayed	End of Day
SASE Level 2	Closed Distribution Environment	N/A	N/A
SASE Level 1	Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
SASE Limited Level 1	Open/Closed Distribution Environment	N/A	N/A
SASE Indices	Open/Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
SASE PDP Data	Open/Closed Distribution Environment	N/A	Open/Closed Distribution Environment

N/A: Not Applicable Field

2.2.2. List of SASE Data

a. SASE Indices

Codes and last values of SASE Indices calculated by SASE.

b. SASE Level 1

Descriptive information related to the securities traded in SASE markets, last trade price, best bid/ask prices, volume/quantity information and other price information.

c. SASE Level 2

In addition to Level 1 data, the price and total quantities for the best 10 levels of bid and ask prices of the securities traded in SASE.

d. SASE Limited Level 1

For each security traded in SASE, last trade price and change in the price from previous session.

e. SASE PDP Data

Financial statements, financial reports and other notifications which are publicly disclosed by the companies listed in SASE through Public Disclosure Platform (PDP) of SASE.

f. SASE Reference Data

- **Index Constituents Data:** The constituent data of SASE Indices and weights of the securities within the scope of indices.
- **Descriptive Data:** ISIN codes and/or other descriptive information.
- **Corporate Action Data**: Information related to capital increase/decrease, dividend payment and similar decisions of listed companies of SASE.

2.2.3. Additional Provisions Regarding SASE Data

a. The Distributor/Sub Distributor with the authorization to use/distribute Reference Data may distribute these data to their Users over their own applications in Open/Close Distribution Environments. Any third party that would like to have the reference data files for the purpose of integrating to its systems or displaying in its applications shall have a Distributor/Sub Distributor license and pay the related fees specified in Addendum-3 Borsa İstanbul Data Price List.

b. Real-time Limited Level 1 data can only be distributed on TV Channels.

2.3. MERKEZİ KAYIT KURULUŞU (MKK) DATA

2.3.1. The frequency of MKK Data and its usage and distribution over Open/Closed Distribution Environment

The frequency of the MKK Data and information on Open Distribution and Closed Distribution Environments through which MKK Data are used and distributed are presented below.

Data	Real-time	Delayed	End of Day
PDP Data	Open/Closed Distribution Environment	N/A	Open/Closed Distribution Environment

N/A: Not applicable Field

Data	Frequency/Delay	Distribution Environment
Safekeeping Balances on Investor Basis	Hourly	Closed Distribution Environment
	10 business days lag	Open/Closed Distribution Environment
Data on Domestic-Foreign Safekeeping	Daily	Closed Distribution Environment
	10 business days lag	Open/Closed Distribution Environment
Report on Actual Shares Outstanding	Daily	Closed Distribution Environment
	10 business days lag	Open/Closed Distribution Environment
Report on Fund Management Fees	Daily	Open/Closed Distribution Environment
Report on Conversion to a Floating Share	Daily	Closed Distribution Environment
	10 business days lag	Open/Closed Distribution Environment

2.3.2. List of MKK Data

a. PDP Data

News released by Borsa İstanbul and financial statements, financial reports, material events and special disclosures and other notifications required by the capital markets and Borsa İstanbul regulations which are publicly disclosed through Public Disclosure Platform (PDP).

b. MKK Data

- **Safekeeping Balances on Investor Basis:** Information on safekeeping balance for the shares held at MKK with a floating status, exchange traded funds and warrants.
- **Data on Domestic-Foreign Safekeeping:** Information on distribution of shares that are held at MKK with a floating status on a nationality basis.
- **Report on Actual Shares Outstanding:** Information on actual shares outstanding and capital of companies traded on Borsa İstanbul.
- **Report on Fund Management Fees:** Information on fund management fees and commission regarding mutual funds that are monitored at MKK in dematerialized form.
- **Report on Conversion to a Floating Share:** Information on operations that are conducted by investors at MKK to convert the status of their shares from non-floating to floating.

2.4. İSTANBUL TAKAS VE SAKLAMA BANKASI (TAKASBANK) DATA

2.4.1. The frequency of Takasbank Data and its usage and distribution over Open/Closed Distribution Environment

The frequency of the Takasbank Data and information on Open Distribution and Closed Distribution Environments through which Takasbank Data are used and distributed are presented below.

Data	Frequency/Delay	Distribution Environment
Mutual /Pension Funds and Investment Trusts Information	Daily (might be updated in the day)	Open/Closed Distribution Environment
Türkiye Electronic Fund Distribution Platform Information	Daily	Open/Closed Distribution Environment
Analysis of Mutual /Pension Funds and Investment Trusts	Daily	Open/Closed Distribution Environment
Takasbank Money Market	Real-time	Open/Closed Distribution Environment
Takasbank Securities Lending Market	Real-time	Open/Closed Distribution Environment

2.4.2. List of Takasbank Data

a. Takasbank Data

- **Mutual/Pension Funds and Investment Trusts Information:** Institutional Investors' (Mutual/Pension Funds and Investment Trusts) consolidated security balance information and the information sent by the institutional investors to Takasbank daily on corporate information and on portfolio allocation information.
- **Türkiye Electronic Fund Distribution Platform Information:** Information on the active funds and on the members, general information on the funds, constraint information for the fund trading.
- **Analysis of Mutual/Pension Funds and Investment Trusts:** For the Mutual/Pension Funds and Investment Trusts, portfolio TL value, TL volume of the transactions and TL value of the total custody balance, percentage of each equity's quantity in total quantity of equities, ratio information for the equities included in the indices.
- **Takasbank Money Market:** Basic and in-depth data for the Takasbank Money Market, information related to executed trades.
- **Takasbank Securities Lending Market:** Basic and in-depth data for the Takasbank Security Lending Market, information related to executed trades.

2.4.3. Additional Provisions Regarding Takasbank Data

a. The Distributor shall distribute Takasbank Data together with its date and shall not make any change in the Data.

b. Takasbank does not make any representations or gives any warranties for the accuracy of Mutual/Pension Funds and Investment Trusts Information since this information is provided to Takasbank by mutual /pension funds and investment trusts. Takasbank, mutual/pension funds and investment trusts may not be held liable or responsible for any loss or damage resulting from the use of this information. The Distributor shall constantly publish a text under the relevant page, indicating clearly that Mutual/Pension Funds and Investment Trusts Information is provided to Takasbank by mutual /pension funds and investment trusts, Takasbank does not make any representations or gives any warranties for the accuracy of this data, and Takasbank, mutual/pension funds and investment trusts may not be held liable or responsible for any loss or damage resulting from the use of this information.

c. To be used by investors for complaints concerning the publication of the data, the Distributor shall provide telephone, fax and e-mail address of Takasbank in a visible place of the page containing Takasbank Data.

2.5. MONTENEGRO STOCK EXCHANGE (MNSE) DATA

2.5.1. Usage and distribution of MNSE Data over Open/Closed Distribution Environment

Information on Open Distribution and Closed Distribution Environments through which MNSE Data are used and distributed is presented below.

Data	Real-time	Delayed	End of Day
MNSE Level 2	Closed Distribution Environment	N/A	N/A
MNSE Level 1	Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
MNSE Indices	Closed Distribution Environment	Closed Distribution Environment	Open/Closed Distribution Environment
MNSE PDP Data	Open/Closed Distribution Environment	N/A	Open/Closed Distribution Environment

2.5.2. List of MNSE Data

a. MNSE Indices

Codes and last values of MNSE Indices calculated by MNSE.

b. MNSE Level 1

Descriptive information related to the securities traded in MNSE markets, last trade price, best bid/ask prices, volume/quantity information and other price information.

c. MNSE Level 2

In addition to Level 1 data, the price and total quantities for the best 10 levels of bid and ask prices of the securities traded in MNSE.

d. MNSE PDP Data

Financial statements, financial reports and other notifications which are publicly disclosed by the companies listed in MNSE through Public Disclosure Platform (PDP) of MNSE.

e. MNSE Reference Data

- **Index Constituents Data:** The constituent data of MNSE Indices and weights of the securities within the scope of indices.
- **Descriptive Data:** ISIN codes and/or other descriptive information.
- **Corporate Action Data:** Information related to capital increase/decrease, dividend payment and similar decisions of listed companies of MNSE.

2.5.3. Additional Provisions Regarding MNSE Data

a. The Distributor/Sub Distributor with the authorization to use/distribute Reference Data may distribute these Data to their Users over their own applications in Open/Close Distribution Environments. Any third party that would like to have the reference data files for the purpose of integrating to its systems or displaying in its applications shall have a Distributor/Sub Distributor license and pay the related fees specified in Addendum-3 Borsa İstanbul Data Price List.

2.6. MACEDONIAN STOCK EXCHANGE (MSE) DATA

2.6.1. Usage and distribution of MSE Data over Open/Closed Distribution Environment

Information on Open Distribution and Closed Distribution Environments through which MSE Data are used and distributed is presented below.

Data	Real-time	Delayed	End of Day
MSE Level 2	Closed Distribution Environment	N/A	N/A
MSE Level 1	Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment
MSE Indices	Open/Closed Distribution Environment	Open/Closed Distribution Environment	Open/Closed Distribution Environment

2.6.2. List of MSE Data

a. MSE Indices

Codes and last values of MSE Indices calculated by MSE.

b. MSE Level 1

Descriptive information related to the securities traded in MSE markets, last trade price, best bid/ask prices, volume/quantity information and other price information.

c. MSE Level 2

In addition to Level 1 data, the price and total quantities for the best 10 levels of bid and ask prices of the securities traded in MSE.

2.6.3. Additional Provisions Regarding MSE Data

a. The re-distribution right of Borsa İstanbul for MSE Data is limited to Türkiye and MENA region.