PARTICIPANT COVERAGE

DATAWISE Dashboards

Participant Coverage
DATAWISE DASHBOARDS

SUMMARY

B3.COM.BR

1   PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE

The DATAWISE product was created by B3 with the aim of helping its clients in strategic decisions consolidating various reliable and/or sensitive data in the form of interactive dashboards (DATAWISE Dashboard) and reports (DATAWISE Reports). It should be noted that as stated in the Commercial Policy, the DATAWISE service does not allow the distribution or redistribution of data.

Each of these modules can be contracted separately as well as their products (individual dashboards and reports), according to the client's intention. Through the interactive panels it's possible analyze the behavior of stocks (BOVESPA), derivatives and stock futures (BMF) and rental of stocks (BTB) with DATAWISE Dashboards. Already in DATAWISE Reports you can analyze trading and post-trade asset data, mainly from the OTC market thought reports with raw data (Data Report) or worked reports (Market Report).

In this manual we will show the Participant Coverage Geolocation dashboard layout, data and filters contained in the DATAWISE Dashboard module.

2   DASHBOARD DESCRIPTION

The Participant Coverage Geolocation dashboard allows the user to assess the coverage of existing investments in the regions of Brazil, down to the municipality level. The total percentage taken into account is the total of the market during a certain period, in which for the map views it is a period of the last 12 months, while for the other panels there is the possibility to select a certain period.

The Participant Coverage Geolocation dashboard features 5 interactive dashboards and views are split between B3 markets (Listed, Futures & Derivatives and Asset Lending).

It is worth noting that the example in this manual considers the volume in its entirety, as it is in view B3.

2.1 Density of Participants
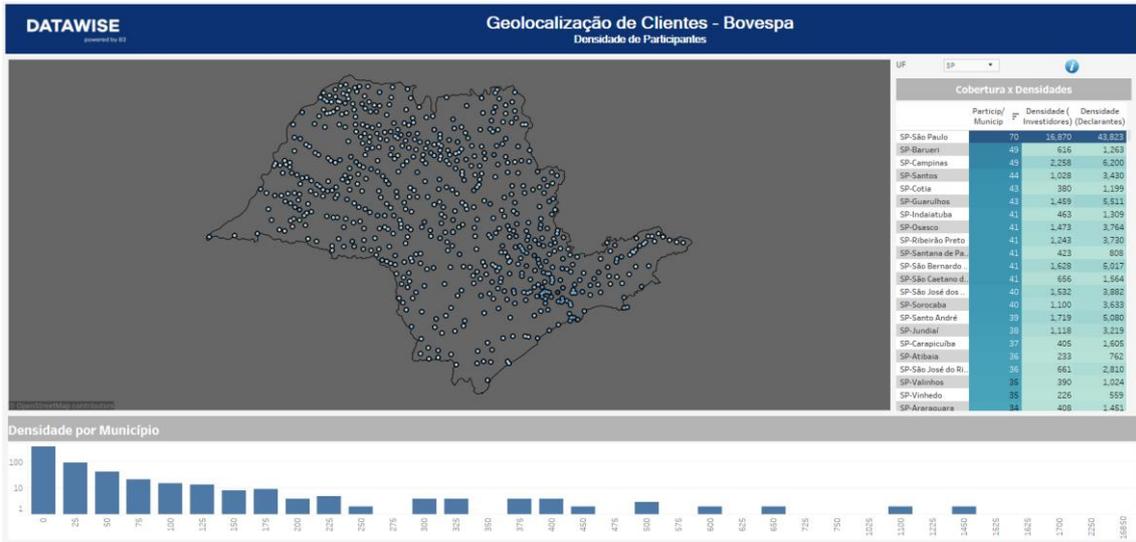
The dashboard aims to strategically offer the opportunities present in each municipality.

The information presented is: the number of participants present, density of B3 investors per active participant, density of declarants per active participant. It should be noted that the active participant is the participant through which an investor has traded (The physical presence of the participant is not necessarily indicated by the dashboard).

The color scale on the map indicates the number of municipalities, the darkest being the cities with the greatest number of active participants.

Through the table, it is possible to see information on coverage and investor and declarant densities, and it is possible to sort by any of these metrics.

The histogram indicates the number of municipalities that are in a given Investor Density range.

The information on Declarants by municipality was extracted from the open database of the Large Numbers of the Federal Revenue (Calendar Year 2016). More information at http://idg.receita.fazenda.gov.br

2.2 City – Presence of participants
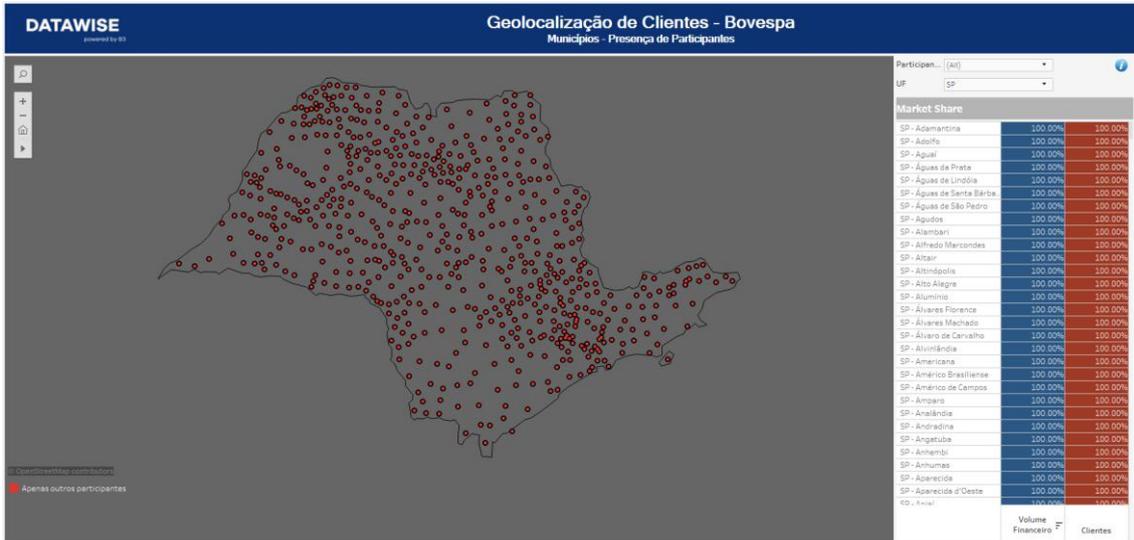
In this view, the participant will see the municipalities categorized by:

- Only other Participants: there is no presence of the logged-in participant

- Multiple Participants: in addition to the participant's presence, there are other participants

- No Participants: there were no negotiations in the municipality

- Participant's Name: there were only negotiations through the logged in participant

In the dispersion, it is possible to identify the same categorized municipalities, distributed in the ratio of the medians of traded volume and number of contracts.

Another information provided is the Market Share, both in terms of investors and the financial volume traded in the municipality, which allows the following types of analysis:

Participant Coverage
## DATAWISE DASHBOARDS

Participant – each participant looks at their own volume. If the customer is part of a group that has more than one participant, it will be possible to filter here to understand the division between them.

Financial Volume – the % inside the financial volume column allows the user to assess how much participation he has in that municipality, when observing his financial movement.

Clients – comparatively, he will be able to assess how many clients are investing by participant and broker.

It is important to emphasize that the percentages refer to the total market.

2.3 State – Clients Profile
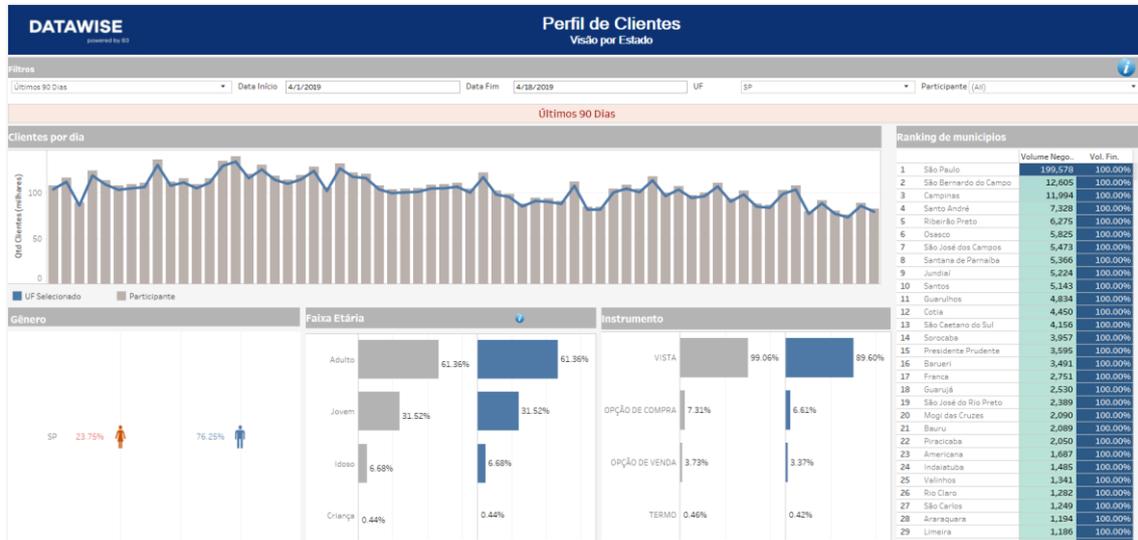
The panel presents the investor profile of the municipalities in a certain state, filtered by the participant. Such profiles are presented against the profile of investors in the State in: Gender, Age Group, Instrument traded, and municipalities in that same state will be ranked by Volume.

In the clients per day chart, when the desired state and period is selected, it is possible to obtain information regarding the number of investors who traded and their respective market share.
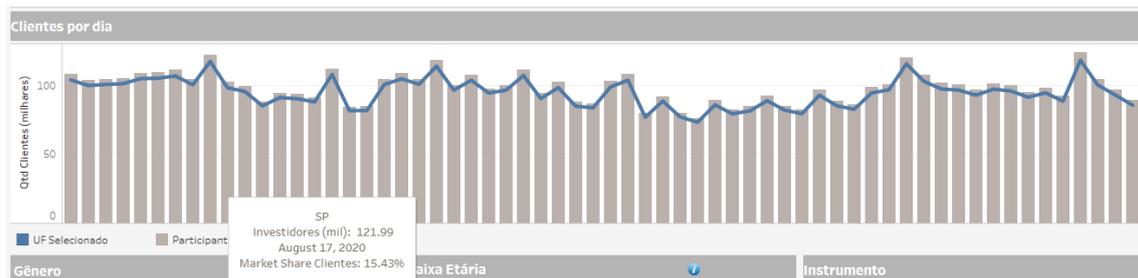
2.4 City – Clients Profile
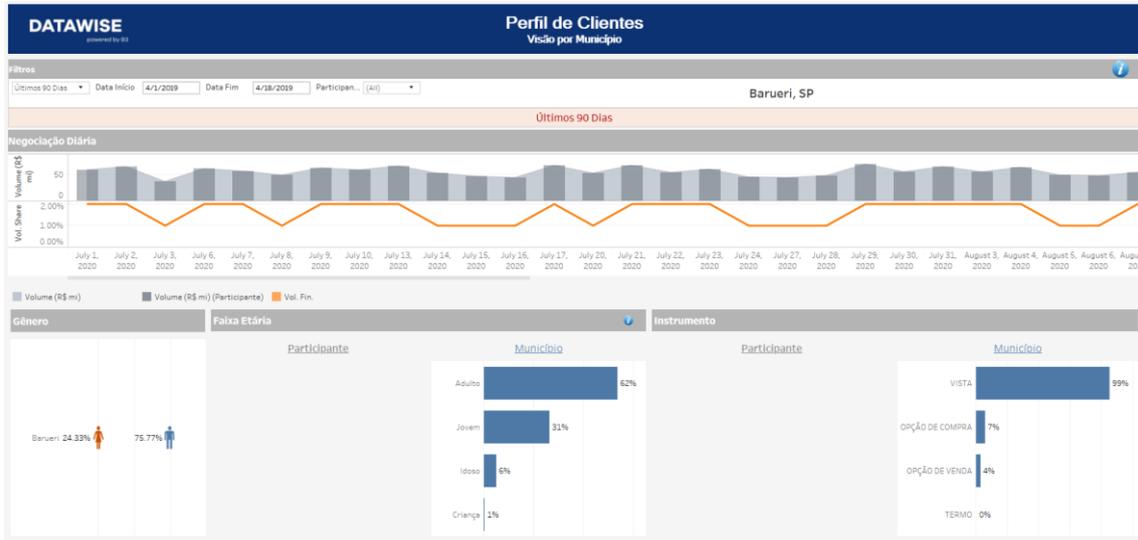
The dashboard is accessed through the links provided in the maps tooltips. In it, it is possible to extract information from the profiles of investors in this municipality filtered by the participant against the investor in the municipality, in terms of gender, age group and negotiated instrument. There is also a time series that presents the financial volume and the number of contacts traded on a daily basis in the municipality. More details about the metrics are seen in the tooltips for this time series.

2.5 Search by City
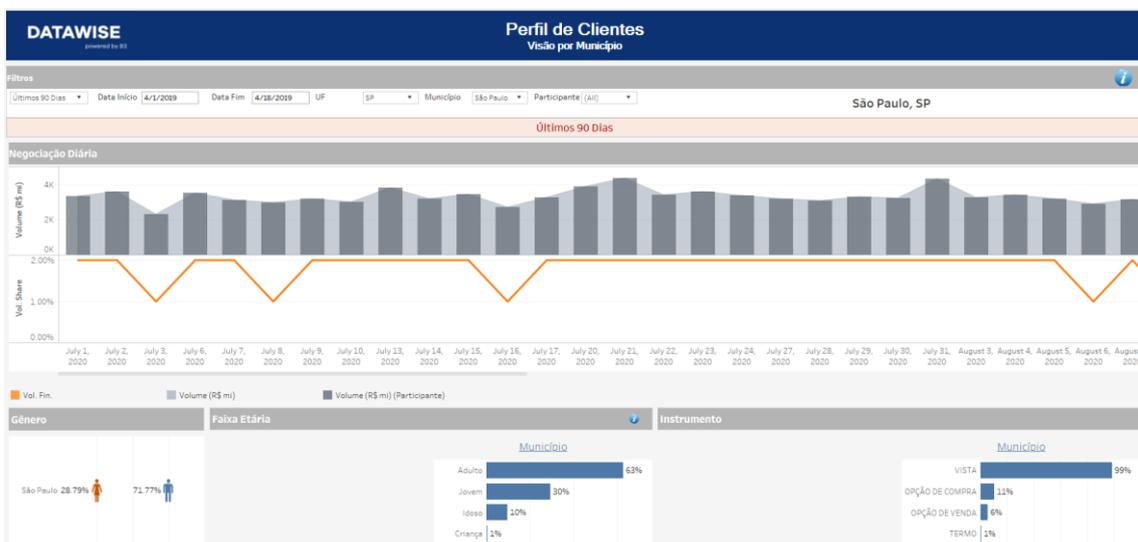
In this panel, it is possible to extract information from the profiles of investors in each municipality, filtered by the participant against the investor in the municipality, in terms of gender, age group and negotiated instrument. There is also a time series graph that shows the financial volume and the number of contacts traded on a daily basis in the municipality. More details about the metrics are seen in the tooltips for this time series.

3   FILTERS

3.1   Period

Period
Last 30 days ▾

Period – Choose a period between August 28, 2017 and the last date which will be between T-2 or T-3.

When choosing the **date selection** option in the period filter it allows users to choose start date and end date.

Start Date	End Date
02/01/2019	02/01/2019

When choosing the **last 30 days** option it will display data from the last 30 calendar days.

3.2   Federative Unit

UF   ▽ ▼
(Tudo) ▼

It is possible to select geographic regions at the state level such as SP, RJ BA, GO, MT, among others.

4   SPECIFIC FILTERS FOR EACH PANEL

In the Panels Density of Participants and City -Presence of Participant in municipalities there are specific filters as we can see below:

4.1   Density of Participants Panel

In addition to the federative unit selection filter, it is possible to filter information by interacting with the dashboards. To select more than one municipality, just press the CTRL key and to undo it, just click again on the selected items.

It is worth noting that the main map of this panel has interactivity with the Municipality Profile (4) panel, so the information in panel 4 will only change after clicking on the municipality you want to filter and selecting "Click to detail the municipality" as we can see below:
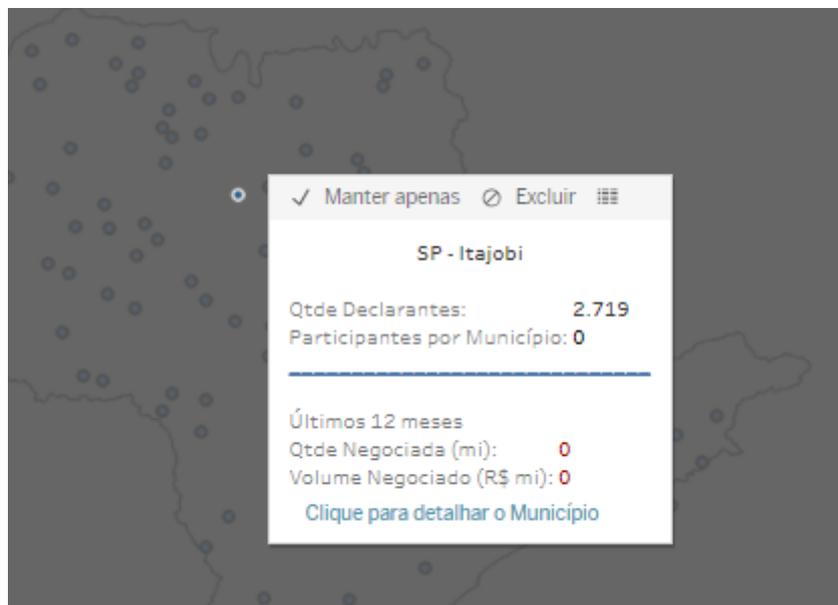

4.2   City – Presence of participants

The same commands presented in the panels above can be applied to the Participant Presence panels (2) and the Municipality Profile (4), in which the information filtered in the panels can be analyzed in more detail in panel 4 by selecting the option "Click to detail".
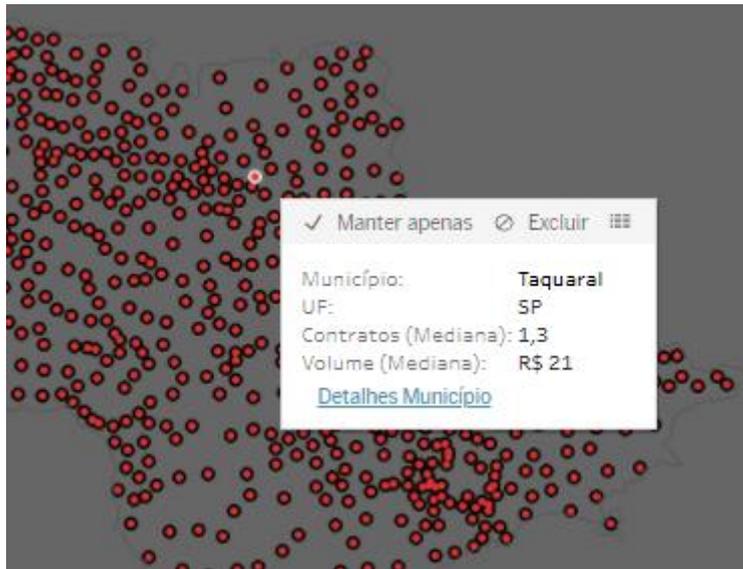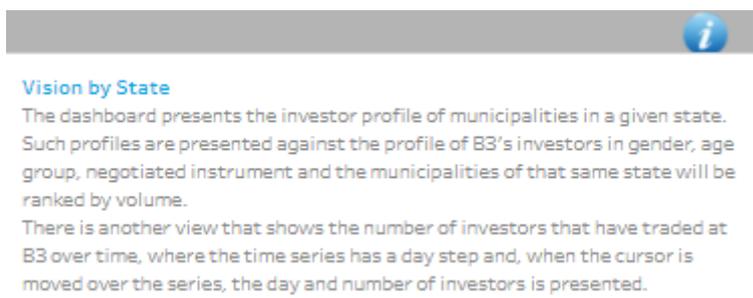
5 FINAL CONSIDERATIONS

Regarding the use of the map, each button has its functionality as shown in the image below:
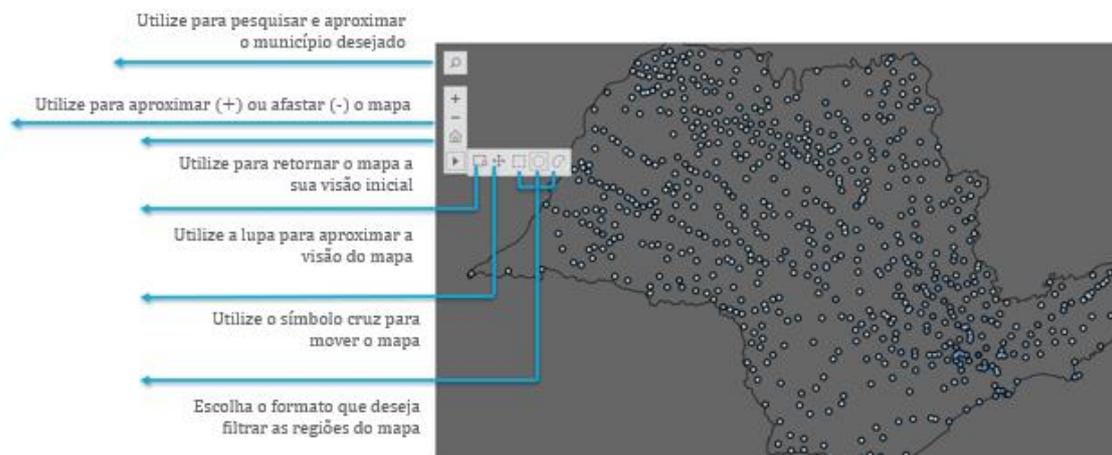
Regarding the symbol 🛈 on the dashboards, hovering over it will open a dialog box where there will be additional information about a certain spreadsheet, chart, among other information, as shown in the image below:

Vision by State

The dashboard presents the investor profile of municipalities in a given state. Such profiles are presented against the profile of B3's investors in gender, age group, negotiated instrument and the municipalities of that same state will be ranked by volume.

There is another view that shows the number of investors that have traded at B3 over time, where the time series has a day step and, when the cursor is moved over the series, the day and number of investors is presented.

6 SERVICE TEAMS

Take a major step and optimize your decision making. Explore our products.

If you have any query, talk to our team.

Any query? Talk to us

DATAWISE Sale: *produtosdedados@b3.com.br*
Contracting: *contratacao@b3.com.br*
Technical Support: *dataservices@b3.com.br*