



CUSTODY FLOW

DATAWISE Dashboards

SUMÁRIO

1	PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE.....	3
2	DASHBOARD DESCRIPTION	3
2.1	Participation and Closing Price Panel	4
2.2	Volumes Panel	4
2.3	Painel Composição de Investidores.....	5
3	FILTROS.....	5
3.1	Currency.....	5
3.2	Period.....	6
3.3	Ticker.....	6
3.4	Metrics	6
3.5	Investor Category.....	7
4	METRICS.....	7
4.1	Closing price	7
4.2	Participation in quantity of papers	7
4.3	Quantity of stocks	8
5	FINAL CONSIDERATION.....	9
6	SERVICE TEAMS	10

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 through reports with raw data (Data Report) or worked reports (Market Report).

In this manual we will show the Custody Flows dashboard layout, data and filters contained in the DATAWISE Dashboard module.

2 DASHBOARD DESCRIPTION

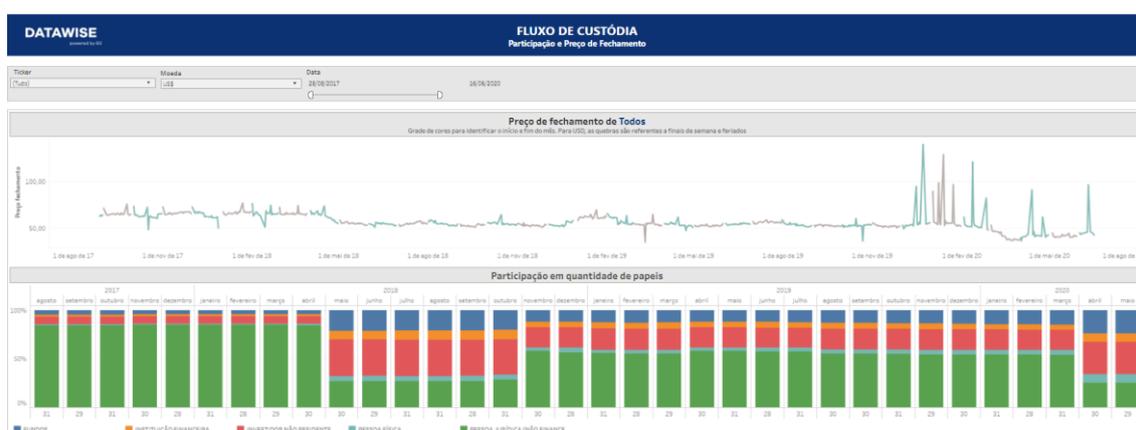
The Custody Flow dashboard provides custody information for all shares listed on the B3 spot market.

The dashboard is divided into three panels that allow you to monitor the % of the presence of each of the investor categories: Funds; Financial institution; Non-resident investor; Individual and Legal Entity (Non-financial).

The information available helps in the analysis of custody information for each audience, presenting information regarding Share and Closing Price, Volumes and Investor Composition over time.

2.1 Participation and Closing Price Panel

On the Participation and Closing Price panel it shows the closing prices of B3 tickers, for the period from the second half of 2017, in Brazilian real and dollars, in addition to displaying the Participation in the amount of papers sorting them into funds, Financial Institution, Non-Resident Investor, Individual and Non-Financial Legal Entity.



2.2 Volumes Panel

The Volumes panel of the Flow of Custody dashboard provides the Number of Shares in Custody and the Share Percentage in Number of Shares for the period from the second half of 2017, classifying them also into funds, Financial Institution, Non-Resident Investor, Individual and Non-Financial Legal Entity. It also presents a Time Series of Number of Shares that is classified by investor category that can be selected in the filters of this panel.

It is also possible to analyze the Share Percentage in Number of Shares in the selected period.



2.3 Painel Composição de Investidores

No painel de Composição de Investidores é possível visualizar a composição dos Fundos, Instituição Financeira, Investidor Não Residente, PF, PJ (Não Financeira) e Volume Posição, podendo selecionar a Data Desejada, a Categoria de Instrumento, o Ticker e o Volume da Posição em reais.

Ticker	Fundos	Instituição Financeira	Investidor Não Residente	Pessoa Física	PJ (Não Financeira)	Volume Posição
02WFL1	0.00%	0.00%	0.00%	0.00%	0.00%	R\$ 0.00
A28834	76.14%	0.00%	0.00%	0.28%	0.00%	R\$ 19.327.040.00
A28834	86.14%	0.00%	0.00%	11.88%	0.00%	R\$ 2.089.638.64
A28834	78.10%	0.00%	0.00%	2.89%	0.00%	R\$ 1.579.837.32
A28834	2.10%	0.00%	0.00%	0.21%	0.00%	R\$ 26.007.94
A28834	98.12%	0.02%	0.00%	1.80%	0.00%	R\$ 3.024.062.12
A28834	74.89%	0.00%	0.00%	24.89%	0.17%	R\$ 2.194.664.00
A28834	94.00%	0.00%	0.00%	6.00%	0.00%	R\$ 34.440.00
A28834	87.21%	0.00%	0.84%	7.21%	0.00%	R\$ 46.802.45
A28834	78.80%	0.00%	0.00%	8.80%	0.00%	R\$ 63.985.15
A28834	92.86%	0.00%	0.00%	7.14%	0.00%	R\$ 956.640.64
A28834	92.11%	0.00%	0.00%	9.20%	0.00%	R\$ 1.091.171.30
A28834	1.94%	0.00%	0.00%	0.00%	0.00%	R\$ 21.202.00
A28834	69.87%	3.87%	0.00%	27.30%	2.46%	R\$ 6.997.488.20
A28834	99.82%	0.00%	0.00%	0.39%	0.00%	R\$ 975.288.00
A28834	20.19%	0.00%	0.73%	48.08%	0.00%	R\$ 383.947.20
A28834	3.21%	0.00%	0.00%	8.27%	0.00%	R\$ 142.131.22
A28834	24.10%	0.00%	0.00%	6.00%	0.00%	R\$ 47.076.104.40
A28834	8.10%	0.00%	0.00%	14.84%	0.00%	R\$ 1.136.283.12
A28834	12.09%	0.00%	7.81%	77.39%	2.07%	R\$ 670.716.60
A28834	3.30%	0.00%	0.00%	96.29%	0.00%	R\$ 14.438.00
A28834	2.34%	0.00%	0.00%	96.40%	1.18%	R\$ 1.342.172.16
A28834	92.40%	0.00%	0.11%	5.46%	0.00%	R\$ 309.381.20
A28834	60.40%	0.00%	0.00%	37.60%	0.00%	R\$ 636.802.84
A28834	85.10%	0.11%	17.54%	1.39%	0.00%	R\$ 461.739.68
A28834	8.00%	0.00%	0.00%	77.00%	0.00%	R\$ 146.603.00
A28834	96.64%	0.00%	0.00%	1.36%	0.00%	R\$ 1.040.64
A28834	86.13%	0.00%	1.19%	12.69%	0.00%	R\$ 4.099.31.20
A28834	87.19%	0.00%	0.00%	19.80%	0.00%	R\$ 254.268.40
A28834	85.14%	0.00%	0.08%	14.79%	0.00%	R\$ 628.883.84
A28834	21.00%	0.00%	2.79%	75.21%	0.00%	R\$ 61.927.48

3 FILTROS

3.1 Currency

Currency

R\$

Currency –possibility to choose, in the available views, the currency, with the options being BRL or USD. The quotation is the closing date for the observed day.

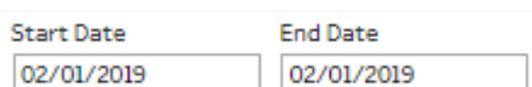
3.2 Period



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.

3.3 Ticker



Ticker
(Tudo) ▼

Ticker – Allows you to choose the ticker of the stock to be analyzed. All assets traded on the analysis date will be available. You can choose to view either one market at a time or the entire market. To do this, simply remove the filter.

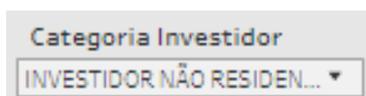
3.4 Metrics



Metrics
Financial Volume ▼

Metrics – Financial Volume and Stock Quantity are the metrics available for viewing the dashboard.

3.5 Investor Category



Investor Category – Allows you to filter information on Funds, financial institution, legal person (non-financial), natural person and non-resident investor

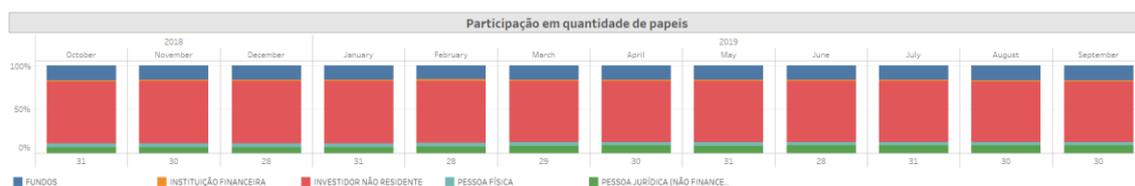
4 METRICS

4.1 Closing price



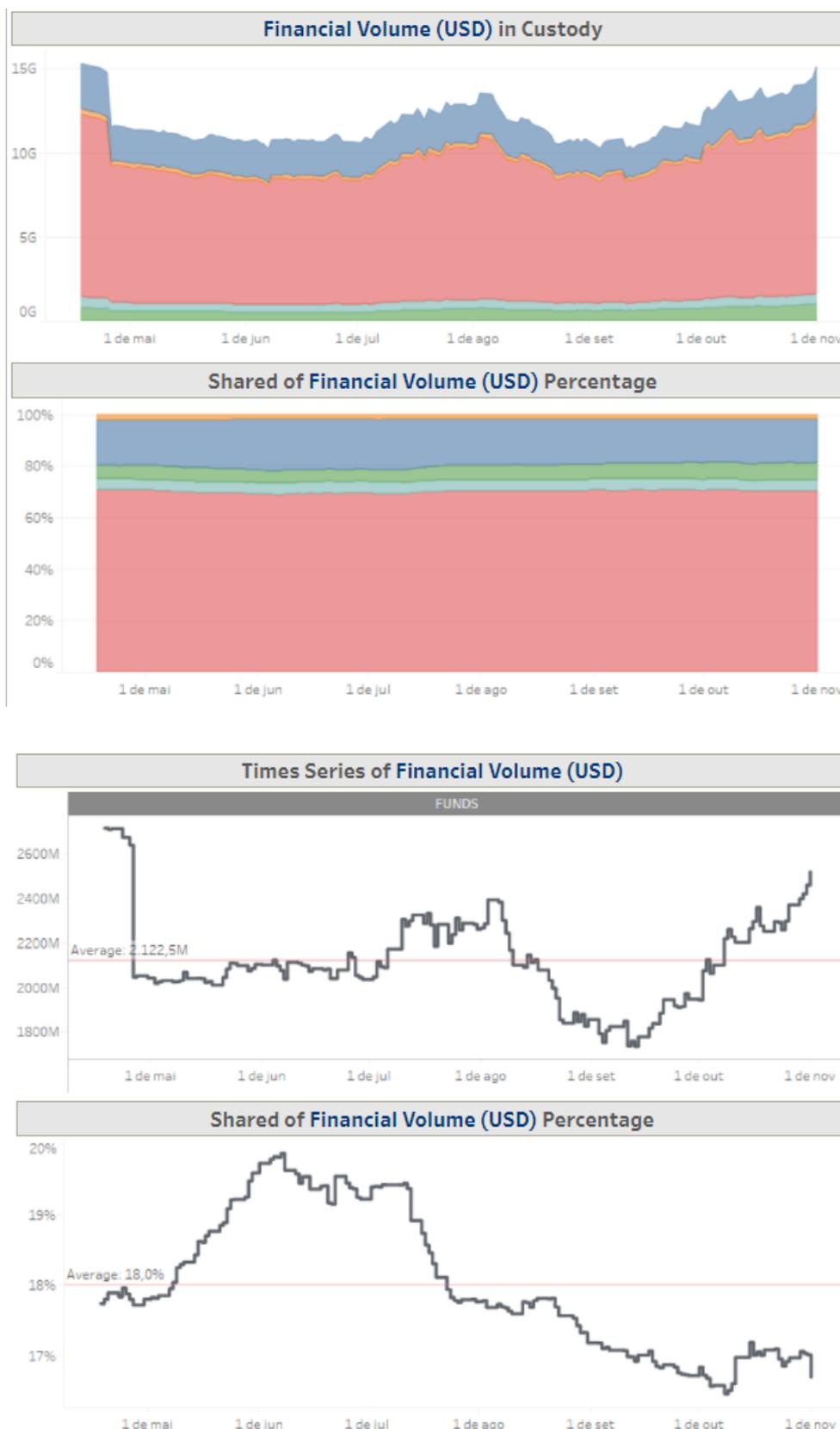
Closing price in R\$ or US, for each trading day. The separation of months is done by the color grid, as shown in the chart. By hovering the mouse, it is possible to check the exact value day by day.

4.2 Participation in quantity of papers



In participation in number of papers, the total % is always 100%, divided between the investor categories. However, the total number of shares may change from a secondary issue of shares.

4.3 Quantity of stocks

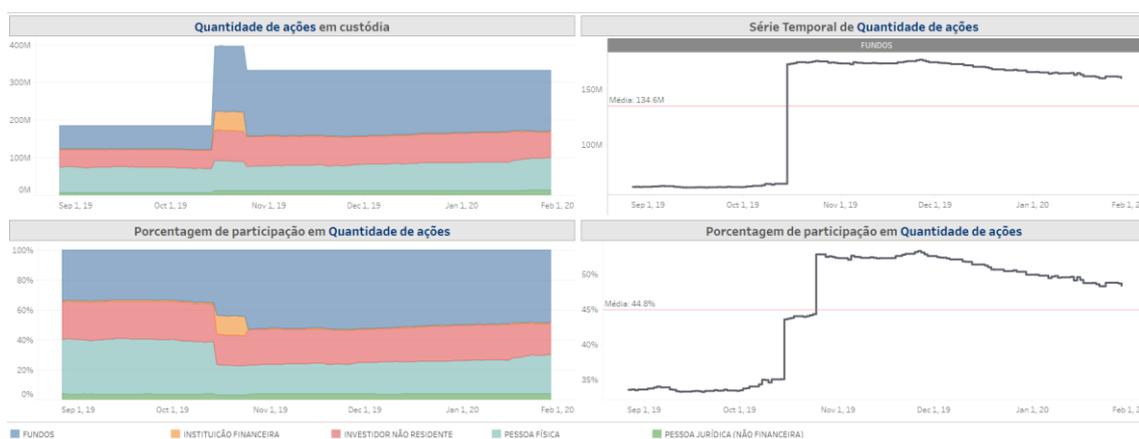


The color variation shows the increase or decrease of an investor category in the custody of that asset. The chart on the side gives greater detail on how this occurs over time, showing the volume of shares that are in the hands of that public. The line that cuts through the graph is the average of the filtered period.

5 FINAL CONSIDERATION

Using the custody dashboard, it is possible to notice how some issues made through the primary market, such as follow on:

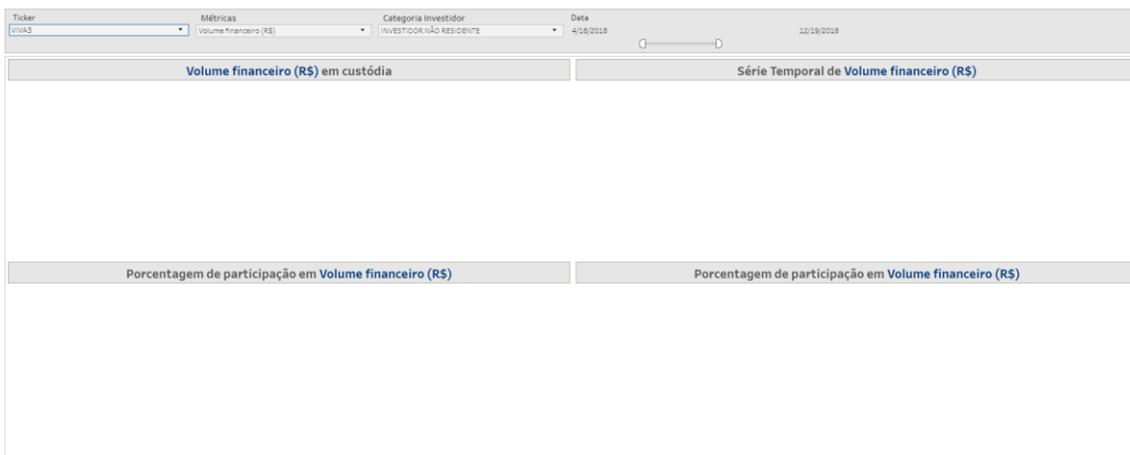
Example – HBOR3 (Helbor S.A.) made a follow on on 10/14. After the follow on, the custody of the shares shows a great variation.



Note: if a share leaves B3's custody, going to another custody (bank, for example), this amount is no longer accounted for in the dash.

In addition, it is possible to observe shares that started to be traded a short time ago and how their custody has changed after the IPO.

Example - VIVA3 in October/2019. In previous periods the dashboard is blank. After being traded, it is possible to observe how the market is behaving from the IPO onwards.



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