



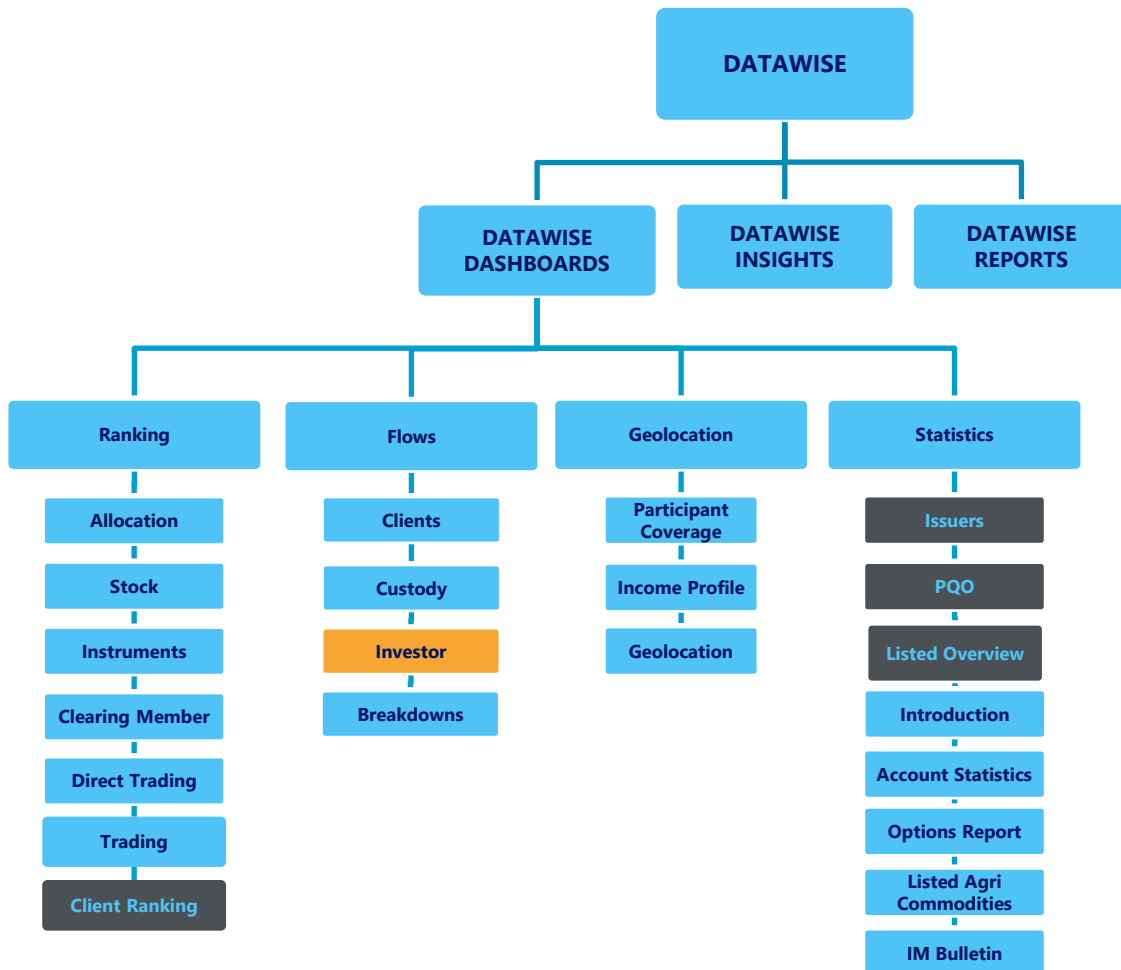
LISTED INVESTOR FLOW

DATAWISE Dashboards

TABLE OF CONTENTS

1	PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE.....	3
2	LISTED INVESTOR FLOW DASHBOARD DESCRIPTION	4
	2.1 Monthly Accumulated Total Detailed Panel	5
	2.2 Comparative Panel.....	6
	2.3 Period and Movement Panel.....	7
	2.4 Exhibition and Participation Panel	8
	2.5 Average Total Volume Panel.....	9
3	FILTERS.....	10
	3.1 Currency.....	10
	3.2 Reference Date.....	10
	3.3 Filter View.....	10
	3.4 Period.....	10
	3.5 Investor.....	11
4	SERVICE TEAMS	11

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 DATAWISE Insights) 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 or analyze individual investors' behavior with DATAWISE Insights. 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 Listed Investor Flow dashboard layout, data and filters contained in the DATAWISE Dashboard module.

2 LISTED INVESTOR FLOW DASHBOARD DESCRIPTION

The Listed Investor Flow brings an exclusive view to Equity showing in macro views what the investment level is currently like for each B3's market segment.

It is the only dashboard that breaks down the investor categories into further rankings besides the five traditional rankings used (Companies, financial Institution, Foreign Investor, Institutional, Physical Person and Others) providing details of each group's composition.

The investor categories are divided into Individual Investors (investment clubs and individuals), Institutional Investors (Insurance Companies, Pension Funds and Mutual Funds), Foreign Investment (foreign corporate investors), Financial Institutions (Commercial Banks, Investment Banks, Distributors and Brokerage Houses), Companies (Private and Public Companies), and Others (Other corporate investors).

The dashboard features 5 panels that allow users to understand in detail the movement from one period against the other and to assess the exposure that a certain segment is having in between periods.

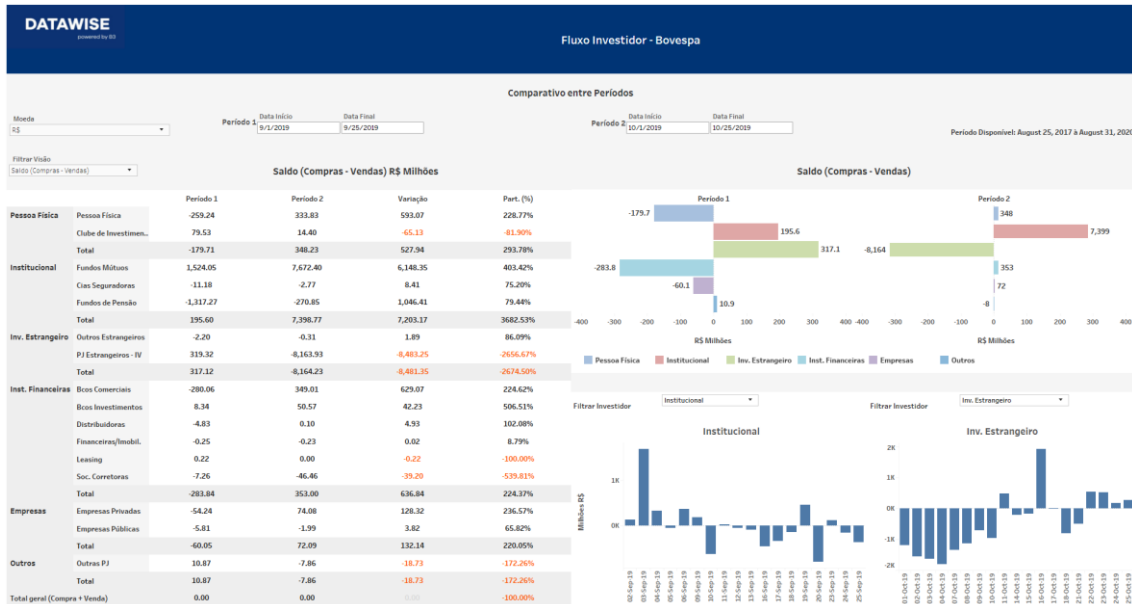
It is recommended for anyone who previously used the CBLC Daily Bulletin report to track this data.

2.1 Monthly Accumulated Total Detailed Panel

		Total (Compras e Vendas)		Compras		Vendas		Saldo
		R\$ Milhões	Part. (%)	R\$ Milhões	Part. (%)	R\$ Milhões	Part. (%)	R\$ Milhões
Pessoa Física	Clube de Investimento	2.658,51	0,22%	1.354,94	0,11%	1.303,58	0,11%	51,36
	Pessoa Física	270,988,72	22,43%	137,756,53	11,40%	133,232,20	11,03%	4,524,33
	Total	273,647,24	22,65%	139,111,47	11,51%	134,535,77	11,13%	4,575,69
Institucional	Clas Seguradoras	87,31	0,01%	10,59	0,00%	76,72	0,01%	(66,13)
	Fundos de Pensão	6,507,43	0,54%	1,960,85	0,16%	4,546,57	0,38%	(2,585,72)
	Fundos Mútuo	301,408,72	24,95%	153,593,52	12,71%	147,815,20	12,23%	5,778,32
Total	308,003,45	25,49%	155,564,96	12,88%	152,438,49	12,62%	3,126,47	
Inv. Estrangeiro	PJ Estrangeiros - IV	548,058,42	45,36%	274,013,43	22,68%	274,044,99	22,69%	(31,57)
	Total	548,058,42	45,36%	274,013,43	22,68%	274,044,99	22,68%	(31,57)
Inst. Financeiras	Bcos Comerciais	9,723,84	0,80%	5,120,28	0,42%	4,603,56	0,38%	516,72
	Bcos Investimentos	144,63	0,01%	88,30	0,01%	56,33	0,00%	31,97
	Distribuidoras	596,59	0,05%	297,17	0,02%	299,42	0,02%	(2,25)
	Financiaras/Imobil.	0,02	0,00%	0,00	0,00%	0,02	0,00%	(0,02)
	Leasing	0,02	0,00%	0,00	0,00%	0,02	0,00%	(0,02)
	Soc. Corretoras	47,329,90	3,92%	23,447,58	1,94%	23,882,31	1,98%	(434,73)
	Total	57,295,00	4,78%	28,953,33	2,40%	28,841,67	2,39%	111,66
Empresas	Empresas Privadas	20,624,16	1,71%	6,426,06	0,53%	14,198,10	1,18%	(7,772,94)
	Empresas Públicas	5,36	0,00%	3,78	0,00%	1,58	0,00%	2,19
	Total	20,629,53	1,71%	6,429,84	0,53%	14,199,69	1,18%	(7,769,85)
Outros	Outras PJ	92,46	0,01%	40,02	0,00%	52,44	0,00%	(12,41)
	Total	92,46	0,01%	40,02	0,00%	52,44	0,00%	(12,41)
Grand Total		1,208,226,10	100,00%	604,113,05	50,00%	604,113,05	50,00%	0,00

In this panel users can have an overview of the accumulated buy and sell total, buy only, sell only and the balance of all investor categories and their respective granularities.

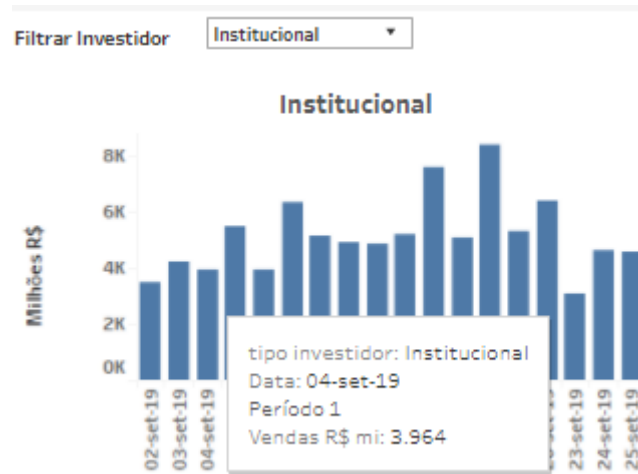
2.2 Comparative Panel



In this panel users can compare buys only, sells only, the sells balance (buys – sells) and total sells in two different periods.

As well as presenting the data above, an easy view of investor behavior is also provided through the period chart, which brings together all categories, or through the chart that assesses only one investor category, thus providing further specific data.

It should be noted that when moving the cursor over the screen, it is possible to open the chart data for more details as seen below:



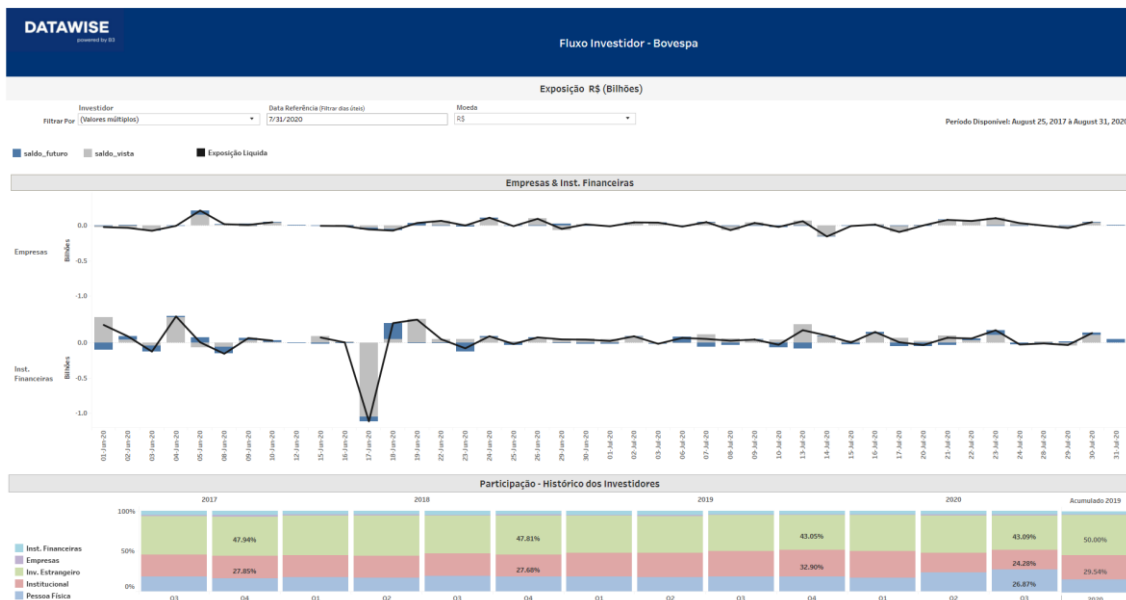
2.3 Period and Movement Panel



In this panel, users can have more chart views on the behavior of buy and sell investor categories separated by day of choice, last 7 days, last 14 days and last 30 days.

You can also choose just one category to get more specific data about the group to be assessed.

2.4 Exhibition and Participation Panel



In this panel it is possible to assess the behavior of one or more investor categories (Companies, Financial Institutions, Institutional Investors, Foreign Investors, Individual Investors and Others) and assess their future balance, cash balance and their net exposure in the form of separate charts.

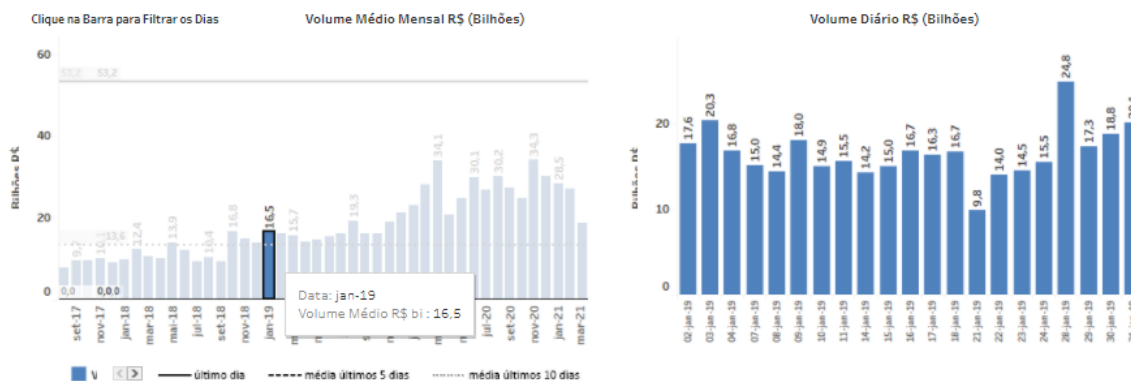
In the chart below this panel, you can see the participation of investor categories separated by bimonthly.

2.5 Average Total Volume Panel



In this panel, you can access the total and average volume of trades in the listed segment, which are divided into share integralization and redemption, call options, put options, forward and spot and allow assessing their behavior over time.

It should be noted that in this panel it is possible to assess days of a specific month to understand how the volume of a given month was like. For this, just click on one of the monthly columns and the daily volume will open beside it as shown below:



3 FILTERS

3.1 Currency



Moeda
R\$

This is one of the first DATAWISE dashboards to feature the Currency option. It allows you to view data in U.S. Dollars or Brazilian Real with the U.S. Dollar quoted as the reference date.

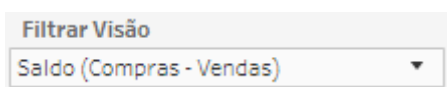
3.2 Reference Date



Data Referência (Filtrar dias úteis)
11/25/2019

This date allows you to choose a day to be used as a reference in the assessment month. Usually the selected day is compared with the rest of the month retroactively.

3.3 Filter View



Filtrar Visão
Saldo (Compras - Vendas)

Allows you to choose between data views within the following dashboards: Buys; Sells; Balance (Buys – Sells); Total (Buys and Sells).

3.4 Period



Período 1	Data Início	Data Final	Período 2	Data Início	Data Final
	9/1/2019	9/25/2019		10/1/2019	10/25/2019

Periods can be chosen to be compared in the assessment.

3.5 Investor

Investidor
Filtrar Por

Allows the choice of the investor category, which is divided into Companies, Financial Institutions, Institutional, Foreign Investor, Others and Individual Investors.

4 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