

CLIENT FLOW

DATAWISE Dashboards

B3.COM.BR

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

In this manual we will show the Client Flow dashboard layout, data and filters contained in the DATAWISE Dashboard module

2 DESCRIPTION OF CLIENT FLOW DASHBOARDS

Client flow dashboards on DATAWISE will display the trading flow data contained in the Bovespa (Equities), BTB (Securities Lending) and BM&F (Futures and Derivatives) markets.

Five different dashboards are available for query, whose details will be covered in the following sections.

The trading flow allows users to understand how trading is progressing at ticker level with investor category, period and commodity filters. BM&F views allow analysis of the contract volume.

2.1 Daily/Monthly Volumes – Consolidated

This dashboard presents an overview enabling users to view the flow by investor type over time in a consolidated manner and on a daily or monthly basis. The daily volumes, daily balance and accrued balance will be displayed containing trading flow data in the Bovespa (Equities), BTB (Securities Lending) and BM&F (Futures and Derivatives) markets separately according to the selected dashboard.



2.2 Daily/Monthly Volumes – Segregated

The Client Flow – Daily Volumes – Segregated dashboard shows, for each market, the Daily Volume, Daily Average, Dispersion (quantity/volume) and individual clients segregated by investor type.

DATA				Fluxo	de Clien /olumes Diário	t <mark>es - Bovesp</mark> a is-Segregado	1			
Filtros										
Período	Data Inicio		Data Fim	Categoria Investidor		Instrumento	Categoria Instrumento	Mercadoria	Ticker	
Últimos 90 dias	* 01/09/201	9	30/09/2019	(Tudo)	•	(Tudo)	* (Tudo)	* (Tudo)	* (Tudo)	•
Volumes Diá	rios					Dispersão de Totais D	iários			
60K	ago-21	set-21	out-21	novi	21	60K 40K 40K				
40К 20К					- —			2500 3000	3500 4000 4500	5000 5500
un						enerices manification				
Média Diária										
Média Diária	clique no nome do Investidor para Fil Categoria Investidor	a00-21	set-21	out-21	nov-21		ago-21	set-21	out-21	
Média Diária Volume (R\$ mi)	l clique no nome do Investidor para Fil Categoria Investidor FUNDOS	ago-21 18.955,5	set-21 18.585,4	out-21 18.768,5	nov-21 15.607,2	2000	890-21	set-21	out-21	
Média Diária Volume (R\$ mi)	cique no nome do Investidor para Rit Categoria Investidor PUNDOS INSTITUIÇÃO FINANCEIRA	890-21 18.955,5 4.214,0	set-21 18.585,4 3.848,4	out-21 18.768,5 4.328,0	nov-21 15.607,2 5.306,5	2000	800-21	set-21	out-21	
Média Diária Volume (R\$ mi)	cique no nome do Investidor para Fili Categoria Investidor FUNDOS INSTITUIÇÃO FINANCEIRA INVESTIDOR NÃO RESIDEN.	ago-21 18.955,5 4.214,0 32.444,7	set-21 18 595,4 3.848,4 34,633,1	out-21 18.768,5 4.328,0 37.177,4	nov-21 15.607,2 5.305,5 28.911,9	2000	990-21	set-21	out-21	
Média Diária Volume (R\$ mi)	clique no nome do Investidor para Fili Categoria Investidor PUNDOS INSTITUIÇÃO FINANCEIRA INVESTIDOR NÃO RESIDEN PESSOA FÍSICA	899-21 18.955,5 4.214,0 32.444,7 11.679,7	set-21 18 595,4 3.848,4 34,633,1 11,410,5	out-21 18.768,5 4.328,0 37.177,4 11.124,4	nov-21 15.607,2 5.306,5 28.911,9 9.599,8	400	990-21	set-21	out-21	
Média Diária Volume (R\$ mi)	cione no nome do Investidor para Rin Categoria Investidor FUNDOS INSTITUÇÃO FINANCEIRA INVESTIDOR NÃO REIDEN. PESSOA JURIDICA (NÃO FI.	800-21 18.955,5 4.214,0 22.444,7 11.679,7 838,9	set-21 18 595.4 3.848,4 34.633,1 11.410,5 801,6	out-21 18.768,5 4.328,0 37.177,4 11.124,4 781,8	nov-21 15.607,2 5.306,5 28.911,9 9.599,8 465,1	2000 400 1000	90-21	set-21	out-21	
Média Diária Volume (R\$ mi)	elioue no nome do Investifior para Più Categoria Investifior PUNDOS INSTITUÇÃO FINANCEIRA INVESTIDOR NÃO RESIDEN. PESSOA FISICA PESSOA JURÍOCA (NÃO FI. PUNDOS	800-21 18.955,5 4.214,0 32.444,7 11.679,7 838,9 1.985,9	set-21 18 585,4 3.848,4 24 533,1 11 410,5 801,6 1 962,0	out-21 18.768,5 4.328,0 37.177,4 11.124,4 781,8 1.991,4	nov-21 15.607,2 5.305,5 28.911,9 9.599,8 465,1 1.780,0	2000 400 500 500	app-21	set-21	out-21	
Média Diária Volume (R\$ mi) # Clientes	е области на постоя постоя или Саведого в Investidor Римоб инститицийо инзансения инстатицийо инзансения инстатицийо инзансения Резбол лізіся Резбол цийо са (ційо гі. Римоб Посторійо инзансення на отпицийо инзансення	800-21 18.955.5 4.214,0 32.444,7 11.679,7 838,9 1.985,9 366,8	set-21 18 505,4 3.848,4 34 633,1 11 410,5 801,6 1 962,0 344,9	out-21 18.768,5 4.328,0 37.177,4 11.124,4 783,8 1.993,4 327,7	nov-21 15.607,2 5.306,5 28.911,9 9.599,8 465,1 1.780,0 377,0	2000 400 500 200K	90-21	set-21	out-21	······
Média Diária Volume (R\$ mi) # Clientes	с области може со плитийстрого и/и Секторога Investidor Рилсков платитиција Риманселка плититиција Риманселка Резска и избога (либо п.) Римпов платитиција Риманселка платитиција Риманселка изтитиција Риманселка	*** **********************************	set-21 18,595,4 3,848,4 34,633,1 11,410,5 801,6 1,962,0 244,9 783,5	out-21 18.768,5 4.328,0 37.177,4 11.124,4 783,8 1.993,4 327,7 808,7	nov-21 15.607,2 5.306,5 28.911,9 9.599,8 465,1 1.780,0 377,0 718,0	2000 400 500 300K 200K		set-21	0.021	· · · · · · · · · · · · · · · · · · ·
Média Diária Volume (R\$ mi) # Clientes	Elicita annata da Investidamente Rid Categoria Investidamente Fundos Institucição Prinavicenta Investi door Não Residen Pessoa Jislo Pessoa Jusiloca (pulto n Fundos Institucição Prinavicenta Investi Door Não Residen Pessoa Pisca	*** *********************************	set-21 18.585,4 3.848,4 24.633,1 11.410,5 803,6 1.962,0 244,9 783,5 210.763,6	out-21 18 768,5 4 328,0 37.177,4 11.124,4 770,8 1.991,4 327,7 808,7 233.990,6	nov-21 15.607.2 5.306,5 28.911,9 9.599,8 465,1 1.780,0 377,0 718,0 217.760,0	2000 400 500 3000 2000 2000	ape21	set-21	15-100	

2.3 Monthly Volumes – Consolidated and Balance

This dashboard shows, for each market, the monthly volume, the accrued monthly balance, and total clients. All segregated by investor type.

DATAWISE	1		Fluxo de Clie Volumes Mensais	e ntes - Bovespa s-Consolidado e Saldo				
Filtros								
Período Últimos 90 días	Data Início 01/09/2019	Data Fim 30/09/2019	Categoria Investidor	Instrumento (Tudo) *	Categoria Instrumento (Tudo) *	Mercadoria (Tudo) *	Ticker (Tudo)	•
Volume Mensal						Volume Total		
1500 296.1 500 651.3 0 245.3 apc-21	290.3 727,3 229,6 647-23	275.4 743.5 222.5 8xF-21 78x-21	_			4.3	189,15	_
Saldo Mensal (Compras (Clique nas barras para detaibes do i	e Vendas) investidar					Total de Clientes Clique no nome para filtrar investidor		
ago-21	set-21	out-21	nov-21			FUNDOS		5.843
				10		INSTITUIÇÃO FINANCEIRA		3.923
(B2 F)			_	0		INVESTIDOR NÃO RESIDENTE	- 10 A	4.058
Sald						PESSOA FÍSICA	1.1	2 241 428
-10				-10-		PESSOA JURÍDICA (NÃO FINANCEIRA)		8.751
FUNDOS	INSTITUIÇÃO FINANCEI	RA INVESTIDOR NÃO RESIDE	NTE PESSOA FÍSICA	PESSOA JURÍDICA (NÃI	O FINANCEIRA)			

2.4 Monthly Volume – Segregated

This dashboard shows, for all markets, a view of the entire monthly volume over time, the Monthly Totals and the Monthly Total Dispersion (volume per quantity), all segregated by investor type.

DA	TAWISE Downword by B3					Fluxo de Cl Volumes M	ientes - Bovesp Iensais - Segregado	a			
Filtros											
Período		Data Inicio		Data Fim		Categoria Investidor	Instrumento	Categoria Instrumento	Mercadoria	Ticker	
Últimos 90 d	ian •	01/09/2019		30/09/2019		(Tudo)	 (Tudo) 	 (Tudo) 	* (Tudo)	 (Tudo) 	•
Volume M	ensal						Dispersão de Totais	Mensais			
600 (rq ş g) эштрол 200 0	15-026		set-21		15400	sp-21	60 (fi q2) 16 g2) 16 g2) 10 unit 17 g2 0 0 0		2000 2500 1000 gtde de Contratos	2500 4000 4500	5000 5500
Totals Me	IISBIS Chque no nome p.	ira Filtrar Investidor					Clientes Individuais				
Mahama	Categoria Investi	ago-21	set-21	out-21	nov-21			agosto	setembro	out	ubro n.
Negociado	INSTITUCÃO DAVA	330,00	320,23	3/3,3/	5.31		2000	el d'anna an the	tinte gestitere g		·····
(R\$bi)	INVESTION NÃO	601.24	727.20	743 55	29.91		• •				
	preson pierra	245.27	220,62	222.40	9.60		400		a second the second	and second as	· · . · · · · · · · · · · · ·
	PESSOA HIPPOTA (17.62	16.92	15.64	0.47		1000		The set of		
T Door	PESSOR JORDICA (A 600	4 607	4 795	1 790		500		a sana ana		•••••••
+ DOCK	PUNEUS	9.000	4.037	4.735	2.780		300K	eter and a second	The second second		
	Internorgeo Pina.	2.620	2.305	2.080	217		200K	111111111111	egi neerin neer	et al faitheach	1
	INVESTIGATION NAU	2.9/9	2.954	3.132	718		1000		Contract Contractor		· · · · · ·
	PESSUA PISICA	1.405.715	1.449.816	1.401.957	217.760				· · · · · · · · ·		• • • • • • •
-	PERSON JUNCH (5.868	5.818	a.567	2.004		4 6 10 12	16 18 20 24 26 30 2	6 9 13 15 17 21 23	27 29 4 6 8 13 1	5 19 21 25 27 29 1

2.6 Accrued Balance

The accrued balance shows, for each market, the largest on each side. For example, the BTB dashboard displays a rank of the largest borrowers/lenders. The BM&F and Bovespa dashboard displays the rank of the largest buy/sell trades. Finally, they all display a compilation of buy and sell trades broken down by color.

1 - Volume	s Diários - Conse	lida	2 - Volumes Diários - Segregado 3	- Volumes Mensais - Consolid 4 - V	/olumes Mensais - Segrega 5 - Sale	lo Acumulado 6 - Detalhe	s Volumes Diá	ários 7 - Detalhes Volumes	Mensais		
DA		80			Fluxo de Clie Saido	entes - Bovesp Acumulado	a				
Filtros											
Período			Data Início	Data Fim	Categoria Investidor	Instrumento		Categoria Instrumento	Mercadoria		
Últimos 90 d	ias -	•	01/09/2019	30/09/2019	INVESTIDOR NÃO RESIDENTE	(Tudo)	•	(Tudo)	 (Tudo) 	•	Saldo (R\$ mi): -12.437
_											
Maiores	Compras					Compras e Vendas					
Index	Ticker					INVESTIDOR NÃO	INVESTIDO	Q			
1	PETR4		1.84	40		RESIDENTE	NÃO				
3	ROOR3		1.355			-4.662	RESIDENTE				
4	IBOVU116E		1.183								
5	PETR3		1.158				NÃO				
6	IBOVT124E		1.074				RESIDENTE				
7	PRIO3		1.008			INVESTIDOR NÃO					
9	IROVV118F		917			RESIDENTE	INVESTIDO	R			
10	HAPV3		874			(BOV11 -4.120	RESIDENTE				
11	BOVA11		869								
12	ASA13		790				NÃO	*			
12	RPAC11		799								
Maiores	Vendas					INVESTIDOR NAG RESIDENTE	INVESTIDO	R			
Index	Ticker					VALE3	NAO				
1	BBDC4				-4.662	-3.584	INVESTIDO	0			
2	IBOV11				-4.120		NÃO				
3	VALES SUZBR			-7.536	-5.564	INVESTIDOR NÃO	INCOLO				
5	BBAS3		-1	.924		RESIDENTE	NÃO	ĸ			
6	JBSS3		-1.576			SUZ83					
7	RAIL3		-988			an second a	NÃO	R			
8	USIM5		-897			RESIDENTE					
9	RENT3		-887								
11	IBOVT122E		-794			INVESTIDOR NÃO					
12	BEGU39		-739			RESIDENTE					
12	IROVU117E		.727								

3 FILTERS

3.1 Metrics

Métricas

Volume Financeiro (R\$) 🔹

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

For Derivatives and Futures (former BM&F segment) – Use the quantity of contracts for a more assertive analysis.

3.2 Period

Período		
Últimos 30 dias	•	



Period – Date Selection: Allows users to choose start date and end date. Last 90 days: comprises the last 90 calendar days (changing the Start Date or End Date here does not lead to any changes).

Data Início	Data Fim
7/1/2019	7/31/2019

Start Date and End Date – When choosing the Date Selection option in the period, users may choose the start date and end date of the assessment.

3.3 Investor Category

Categoria Investidor	
(Tudo)	•

Investor Category – Breakdown of investor types available within the segments and their respective volumetry. Segregation between Individual Investors, Non-Resident Investors, Funds, Financial Institutions and Corporate Investors.

3.4 Macro Product



Macro Product – Breakdown by Product. For Bovespa (Instrument Category): FII, Stocks, BDR, ETF, Options, Forward. For BM&F: U.S. Dollar, Indices, Stock Futures, Inflation Rate, Currencies, Commodities, etc.

3.5 Instrument Type

Tipo Instrumento	
(Tudo)	•

Instrument Type – Some instrument categories allow users to choose from more specific selections on dashboards, such as Stocks, Options, Exercises, Forward. BM&F will have Futures and Options selections in the future.

3.6 Commodity

Mercadoria	
(Tudo)	•

Commodity – Allows users to choose a specific commodity. Usually the commodity is the first 4 letters that make up the instrument, including Cash Equities, Options and Forwards.

3.7 Tickers

Tickers	
(Tudo)	•

Ticker – Allows users to choose the stock ticker to be assessed. All assets traded on analysis date will be available. Only one asset at a time may be chosen or view the entire market (by removing the filter).

4 REMARKS

BTB View – In the BTB view, the buy and sell views are changed to borrower and lender. Borrower refers to the buy view, or positive view; lender, in the opposite leg, refers to the negative view (sell).

Segregated Monthly Volume – A blank field will be available allowing users to select a specific month for assessment. To enable the data in this field, click on data in the field beside the Monthly Totals data (click on name for Investor Filter). When selecting a month within the End Clients category, the blank field will already consider clients per day in that specific month. To assess an entire period already filtered, just click on the investor category line.

	Categoria Investi.	Jun-20	Jul-20	Aug-20	Sep-30
Volume	FUNDOS				
(RS bi)	натичейо ниц.	62.30	65.67	65.39	4.78
	INVESTIGOR NÃO				
	PESSOA PÍSICA				
	PERSON JURIDICS (
Olientes	PUNDOS				
Finalis	изттирХолия.	2,429	3,339	2,817	859
	INVESTIGOR MÁD				
	PESSOA PÍSICA				
	PESSOA ARIOKA(



5 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