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# 1. Primary Market Transactions

## 1.1 FPD Issuances and Redemptions

In the month of May, Federal Public Debt - FPD¹ issuances came to R\$ 82.85 billion, while redemptions totaled R\$ 99.16 billion, generating net redemptions of R\$ 16.31 billion, with R\$ 16.03 billion in net redemptions of Domestic Federal Public Debt - DFPD and R\$ 0.28 billion in net redemptions of External Federal Public Debt - EFPD.

Table 1.1

FPD Issuances and
Redemptions Held by
the Public
May/2019

						(R\$ Mn)
	1 <sup>st</sup> Week	2 <sup>nd</sup> Week	3 <sup>rd</sup> Week	4 <sup>th</sup> Week	5 <sup>th</sup> Week	Total
-	2 to 3/May	6 to 10/May 1	13 to 17/May 2	0 to 24/May 2	7 to 31/May	May/19
FPD ISSUANCES	17,225.40	10,915.95	22,361.71	12,783.04	19,563.21	82,849.30
I - DFPD	17,225.40	10,915.95	22,359.12	12,783.04	19,563.21	82,846.72
Public Offerings	16,469.98	10,270.11	17,779.75	9,342.70	18,724.05	72,586.59
Non-competitive Issuances with cash inflow <sup>1</sup>	0.00	0.00	0.00	1,997.98	0.00	1,997.98
Non-competitive Issuances without cash inflow <sup>2</sup>	474.12	1.30	31.41	0.19	0.00	507.01
Exchanges	0.00	0.00	1,894.32	0.00	0.00	1,894.32
Treasury Direct	281.30	644.54	2,653.64	1,442.17	839.16	5,860.81
II - EFPD	0.00	0.00	2.59	0.00	0.00	2.59
Securities	0.00	0.00	0.00	0.00	0.00	0.00
Contractual	0.00	0.00	2.59	0.00	0.00	2.59
FPD REDEMPTIONS	775.82	447.06	96,949.73	398.85	590.36	99,161.81
III - DFPD	775.82	440.85	96,682.07	398.85	582.47	98,880.06
Maturities	620.15	0.00	86,031.32	0.00	0.00	86,651.47
Purchases	2.71	0.85	239.13	27.69	0.00	270.38
Exchanges	0.00	0.00	1,894.31	0.00	0.00	1,894.31
Treasury Direct	152.96	440.01	8,517.31	371.15	582.47	10,063.89
Dividends Payments <sup>3</sup>	0.00	0.00	0.00	0.00	0.00	0.00
Cancelled Bonds	0.00	0.00	0.01	0.01	0.00	0.01
IV - EFPD	0.00	6.21	267.66	0.00	7.89	281.75
Securities	0.00	0.00	166.92	0.00	0.00	166.92
Contractual	0.00	6.21	100.74	0.00	7.89	114.84
NET ISSUANCES	16,449.59	10,468.89	-74,588.02	12,384.19	18,972.85	-16,312.51
DFPD (I - III)	16,449.59	10,475.09	-74,322.95	12,384.19	18,980.74	-16,033.34
EFPD (II - IV)	0.00	-6.21	-265.07	0.00	-7.89	-279.17

<sup>&</sup>lt;sup>1</sup>Non-competitive issuances that involve inflow cash resources as counterpart;

Historical Data: Annex 1.1

Table 1.2
FPD Issuances and
Redemptions Held by
the Public. by index
May/2019

					(R\$ Mn)
	Issuance	es	Redempti	ons	Net Issuance
FPD	82,849.30		99,161.81		-16,312.51
DFPD	82,846.72	100.00%	98,880.06	100.00%	-16,033.34
Fixed Rate	36,960.61	44.61%	224.68	0.23%	36,735.93
Inflation Linked	12,463.53	15.04%	97,837.37	98.95%	-85,373.84
Floating	33,405.15	40.32%	747.95	0.76%	32,657.20
FX-linked	17.43	0.02%	70.06	0.07%	-52.63
EFPD	2.59	100.00%	281.75	100.00%	-279.17
USD	0.00	0.00%	279.64	99.25%	-279.64
EURO	2.59	0.00%	1.73	0.61%	0.86
BRL	0.00	0.00%	0.00	0.00%	0.00
Other	0.00	0.00%	0.39	0.14%	-0.39
Historical Data: Annex 1.2					

<sup>&</sup>lt;sup>2</sup> Non-competitive issuances that do not involve inflow cash resources as counterpart:

<sup>&</sup>lt;sup>3</sup> Refers to redemptions of securities in order to pay dividends and/or interests over own capital from entity in which government has share. related to the profit of the fiscal year.

 $<sup>^{\</sup>scriptscriptstyle 1}$  All data in this report refer to FPD held by the public.

#### 1.2 Domestic Federal Public Debt - DFPD

#### **DFPD Issuances and Redemptions**

DFPD security issuances totaled R\$ 82.85 billion: R\$ 36.96 billion (44.61%) in fixed-rate securities; R\$ 12.46 billion (15.04%) in inflation-linked securities and R\$ 33.41 billion (40.32%) in floating-rate securities. Analysis of total issuances reveals that R\$ 72.59 billion were issued in traditional auctions and R\$ 1.89 billion in exchange auctions, coupled with R\$ 5.86 billion in sales through the Treasury Direct Program (p.7) and R\$ 2.50 billion in direct issuances (p.8).

Table 1.3 Issuances and Redemptions of DFPD **Public Securities** May/2019

(R\$ Mn)

	1 <sup>st</sup> Week	2 <sup>nd</sup> Week	3 <sup>rd</sup> Week	4 <sup>th</sup> Week	5 <sup>th</sup> Week	Total
	2 to 3/May 6	5 to 10/May 1	3 to 17/May 20	to 24/May	27 to 31/May	May/19
I - ISSUANCES	17,225.40	10,915.95	22,359.12	12,783.04	19,563.21	82,846.72
Sales	16,469.98	10,270.11	17,779.75	9,342.70	18,724.05	72,586.59
LFT	10,514.46	0.00	10,189.27	0.00	10,538.02	31,241.75
LTN	5,490.14	7,010.31	6,729.67	6,003.08	7,169.30	32,402.50
NTN-B	0.00	2,442.75	0.00	2,700.05	0.00	5,142.80
NTN-F	465.38	817.05	860.82	639.56	1,016.73	3,799.54
Exchanges	0.00	0.00	1,894.32	0.00	0.00	1,894.32
LFT	0.00	0.00	0.00	0.00	0.00	0.00
LTN	0.00	0.00	0.00	0.00	0.00	0.00
NTN-B	0.00	0.00	1,894.32	0.00	0.00	1,894.32
NTN-F	0.00	0.00	0.00	0.00	0.00	0.00
Treasury Direct	281.30	644.54	2,653.64	1,442.17	839.16	5,860.81
LFT	141.26	328.53	782.86	533.22	351.40	2,137.27
LTN	35.39	80.89	242.83	170.67	97.98	627.76
NTN-B	95.34	217.03	1,593.83	703.02	369.73	2,978.95
NTN-F	9.31	18.10	34.12	35.27	20.04	116.83
Non-competitive Issuances with cash inflow <sup>1</sup>	0.00	0.00	0.00	1,997.98	0.00	1,997.98
Non-competitive Issuances without cash inflow <sup>2</sup>	474.12	1.30	31.41	0.19	0.00	507.01
II - REDEMPTIONS	775.82	440.85	96,682.07	398.85	582.47	98,880.06
Maturities	620.15	0.00	86,031.32	0.00	0.00	86,651.47
LFT	0.00	0.00	0.00	0.00	0.00	0.00
LTN	0.00	0.00	0.00	0.00	0.00	0.00
NTN-B	0.00	0.00	85,951.55	0.00	0.00	85,951.55
NTN-C	0.00	0.00	0.00	0.00	0.00	0.00
NTN-F	0.00	0.00	0.00	0.00	0.00	0.00
Other	620.15	0.00	79.76	0.00	0.00	699.91
Purchases	2.71	0.85	239.13	27.69	0.00	270.38
LFT	0.00	0.00	0.00	0.00	0.00	0.00
LTN	0.00	0.00	0.00	0.00	0.00	0.00
NTN-B	0.00	0.00	0.00	0.00	0.00	0.00
NTN-F	0.00	0.00	0.00	0.00	0.00	0.00
Other	2.71	0.85	239.13	27.69	0.00	270.38
Exchanges	0.00	0.00	1,894.31	0.00	0.00	1,894.31
LFT	0.00	0.00	0.00	0.00	0.00	0.00
LTN	0.00	0.00	0.00	0.00	0.00	0.00
NTN-B	0.00	0.00	1,894.31	0.00	0.00	1,894.31
NTN-C	0.00	0.00	0.00	0.00	0.00	0.00
NTN-F	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00
Treasury Direct	152.96	440.01	8,517.31	371.15	582.47	10,063.89
LFT	62.61	142.79	158.43	149.25	149.06	662.14
LTN	11.31	33.42	42.97	40.81	46.22	174.73
NTN-B	76.15	255.04	8,305.75	171.41	368.67	9,177.02
NTN-C	0.04	0.00	0.01	0.00	0.01	0.06
NTN-F	2.85	8.76	10.15	9.68	18.51	49.95
Dividends Payments <sup>3</sup>	0.00	0.00	0.00	0.00	0.00	0.00
Cancelled Bonds	0.00	0.00	0.01	0.01	0.00	0.01
III - IMPACT ON LIQUIDITY <sup>4.5</sup>	-15,975.47	-10,473.79	74,354.35	-12,384.00	-18,980.74	16,540.35
<sup>1</sup> Non-competitive issuances that involve inflow cash resou	•	•	74,334.33	-12,304.00	-10,360.74	10,340.33

<sup>&</sup>lt;sup>1</sup> Non-competitive issuances that involve inflow cash resources as counterpart:

<sup>&</sup>lt;sup>2</sup> Non-competitive issuances that do not involve inflow cash resources as counterpart:

<sup>&</sup>lt;sup>3</sup> Refers to redemptions of securities in order to pay dividends and/or interests over own capital from entity in which government has share. related to the profit of

<sup>&</sup>lt;sup>4</sup> Refers to monetary impact resulting from DFPD market operations. Non-competitive issuances without cash inflow and cancelled bonds are not considered. Positive values mean increase on liquidity.

<sup>&</sup>lt;sup>5</sup> The purchases that occurred in the 5th week related to BNDES. in the amount of R\$ 15.13 billion. did not had impact on liquidity. Historical Data: Annex 1.3

In LFT auctions, total issuances added up to R\$ 31.24 billion in securities maturing at September 2025, with payment in cash.

As regards NTN-B auctions (IPCA-linked securities), issuances came to a total of R\$ 7.04 billion, maturing between August 2024 and May 2055, including R\$ 5.14 billion in cash payments and R\$ 1.89 billion in exchanges for shorter-term securities. In the case of LTN auctions, issuances totaled R\$ 32.40 billion, maturing between October 2019 and July 2023, with payment in cash.

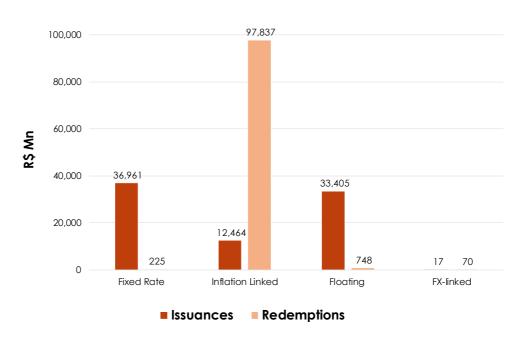
Total DFPD redemptions reached to R\$ 98.88 billion, highlighting inflation linked securities totaling R\$ 97.84 billion (98.95%). Maturities in the period totaled R\$ 86.65 billion.

Graph 1.1

DFPD Issuances and

Redemptions

May/2019



#### **Treasury Direct Program**

Issuances through the Treasury Direct Program<sup>2</sup> in the month of May totaled R\$ 5,860.81 million, while redemptions totaled R\$ 10,063.89 million, generating net redemptions of R\$ 4,203.09 million. The securities in greatest demand were Tesouro IPCA+ bonds, with 43.57% of the total sold.

Treasury Direct stock reached to R\$ 55,543.64 million, representing 6.33% decrease compared to the previous month. Highest share of the securities belongs to Tesouro IPCA $^+$ , with 35.77% of the stock.

Tabela 1.4
Treasury Direct
Program
May/2019

									(R\$ Mn)
Security	Issuan			Redemp	otions		Net Issuances	Outstan	dina
Security	issuaii	ices –	Repurch	ases	Matur	ities	ivet issualices	Outstanding	
			Fix	ed Rate					
Tesouro Prefixado	627.76	10.71%	174.73	8.92%	0.00	0.00%	453.03	7,786.60	14.02%
Tesouro Prefixado com Juros	116.83	1.99%	49.95	2.55%	0.00	0.00%	66.89	1,822.72	3.28%
Semestrais	_								
			Inflat	ion Linked					
Tesouro IPCA <sup>+</sup> com Juros Semestrais	425.54	7.26%	159.04	8.11%	55.02	0.00%	211.49	7,124.94	12.83%
Tesouro IPCA <sup>+</sup>	2,553.41	43.57%	914.03	46.64%	8,048.93	0.00%	-6,409.56	19,868.69	35.77%
Tesouro IGPM <sup>+</sup> com Juros Semestrais	0.00	0.00%	0.06	0.00%	0.00	0.00%	-0.06	62.69	0.11%
Floating									
Tesouro Selic	2,137.27	36.47%	662.14	33.78%	0.00	0.00%	1,475.13	18,877.99	33.99%
TOTAL	5,860.81	100.00%	1,959.94	100.00%	8,103.95	100.00%	-4,203.09	55,543.64	100.00%
Historical Data: Annex 1.5									

<sup>&</sup>lt;sup>2</sup> Program involving public security sales over the Internet to individual buyers.

As regards total participants in Treasury Direct operations, 186,553 new investors registered with the Program in the month of May. As a result, total investors registered since the program first began operating came to 4,193,385, corresponding to an increase of 89.75% in the last 12 months.

Table 1.5
Registered Investors
Profile
May/2019

	In the month	Total
Investors by Gender		
Men	63.69%	69.11%
Women	36.31%	30.89%
Investors by Age		
Up to 15 anos	0.38%	0.30%
From 16 to 25 years	28.99%	17.94%
From 26 to 35 years	37.02%	37.56%
From 36 to 45 years	19.19%	23.92%
From 46 to 55 years	8.04%	10.42%
From 56 to 65 years	4.32%	6.32%
Over 66 years	2.05%	3.53%
Investors by Region		
Northern	4.57%	3.71%
Northeast	14.93%	12.52%
Midwest	8.64%	8.23%
Southeast	55.65%	60.63%
South	16.21%	14.92%
Number of Investors		
Registries	186,553	4,193,385

#### **Direct Issuances and Cancellations**

Direct issuances of DFPD securities totaled R\$ 2,504.99 million, while cancellations totaled R\$ 0.01 million, generating net issuances of R\$ 2,504.98 million.

Table 1.6

DFPD Non-competitive Issuances
May/2019

				ISSUA	NCES	
Securities	Date of Transaction	Maturity	Quantity	Financial Volume (R\$ Mn)	Purpose	Legal Support
CFT-B	5/1/19	01/01/2030	18,560	24.64	PROIES, Program of Incentive to the Restructuring and Strengthening Institutions of Higher Education	eSTN Directive nº 293, as of 05/09/2019
CFT-E1	5/1/19	01/01/2046	110,987,176	440.55	FIES, the Higher Education Studen Financing Fund	tSTN Directive nº 290, as of 05/08/2019
CFT-E1	5/1/19	01/01/2048	300,000	1.19	FIES, the Higher Education Studen Financing Fund	tSTN Directive nº 300, as of 05/15/2019
CFT-E1	5/1/19	01/01/2048	1,950,000	7.74	FIES, the Higher Education Studen Financing Fund	tSTN Directive nº 297, as of 05/13/2019
TDA	5/7/19	several	10,828	1.30	Agrarian Reform	STN Directive $n^{o}$ 287, as of $05/07/2019$
LTN	5/15/19	01/01/2020	14,543	13.98	Debt Securitization	STN Directive $n^{o}$ 301, as of 05/15/2019
NTN-I	5/15/19	several	2,486,903	17.43	PROEX, the Export Financing Program	STN Directive $n^{o}$ 343, as of $05/28/2019$
NTN-B	5/20/19	several	536,630	1,997.98	ID-ETF IMA-B	STN Directive $n^{o}$ 321, as of $05/20/2019$
TDA	5/23/19	several	1,683	0.19	Agrarian Reform	STN Directive $n^{o}$ 338, as of $05/23/2019$
SUBTOTAL				2,504.99		
				CANCELL	ATIONS	
Securities	Date of Transaction	Maturity	Quantity	Financial Volume (R\$ Mn)	Purpose	Legal Support
TDA	several	several	129	0.01	Federal Government ITR payment	Decree 578, as of 6/24/1992
SUBTOTAL				0.01		
NET ISSUAN	NCE			2,504.98		

(R\$ Mn)

#### 1.3 Extern Federal Public Debt — EFPD

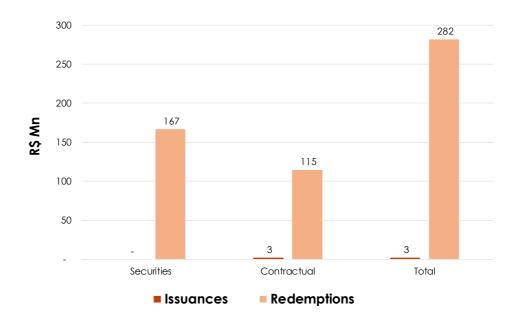
In the month of May, EFPD issuances totaled R\$ 2.59 million.

EFPD redemptions, in its turn, totaled R\$ 281.75 million, including R\$ 166.92 million in payments of securities debt and R\$ 114.84 million in payments of contractual debt.

Table 1.7
EFPD Issuances and
Redemptions
May/2019

	Principal	Interest. premiums and charges	Total
ISSUANCES	2.59	0.00	2.59
Securities	0.00	0.00	0.00
Sovereign Bonus	0.00	0.00	0.00
Contractual	2.59	0.00	2.59
Multilateral Organisms	0.00	0.00	0.00
Private Financial Institutions/Gov. Agencies	2.59	0.00	2.59
REDEMPTIONS	91.68	190.08	281.75
Securities	0.00	166.92	166.92
Sovereign Bonus	0.00	166.92	166.92
Buybacks	0.00	0.00	0.00
Contractual	91.68	23.16	114.84
Multilateral Organisms	78.98	21.77	100.74
Private Financial Institutions/Gov. Agencies	12.70	1.39	14.09
NET ISSUANCES			-279.17
Historical Data: Annex 1.6	•		·

Graph 1.2 EFPD Issuances and Redemptions May/2019



# 2. Outstanding Federal Public Debt - FPD

#### 2.1 Evolution

Outstanding FPD registered a 0.31% nominal increase, shifting from R\$ 3,878.69 billion in April to R\$ 3,890.85 billion in May.

Outstanding DFPD increased 0.32%, shifting from R\$ 3,723.39 billion to R\$ 3,735.30 billion, due to the net redemptions in the amount of R\$ 16.03 billion and to positive interest appropriations totaling R\$ 27.94 billion.

As regards outstanding EFPD, the stock increased 0.16% compared to the month of April, closing May at R\$ 155.54 billion (US\$ 39.47 billion), with R\$ 140.93 billion (US\$ 35.76 billion) referring to securities debt and R\$ 14.62 billion (US\$ 3.71 billion) to contractual debt.

Table 2.1
Outstanding FPD Held
by the Public

(R\$ Bn) Apr/19 Dec/18 May/19 DFPD 3,728.86 3,723.39 3,735.30 100.00% 96.00% 1,370.38 1,427.87 1,468.44 39.31% 37.74% LTN 872.51 763.49 802.74 21.49% 20.63% NTN-B 962.39 1,011.93 935.22 25.04% 24.04% NTN-C 82.72 2.21% 2.13% 80.21 81.65 NTN-F 397.09 395.61 403.31 10.80% 10.37% Securitized Debt 5.06 4.03 4.00 0.11% 0.10% 1.44 1.37 1.35 0.04% 0.03% Other 39.77 37.46 37.54 1.00% 0.96% EFPD<sup>1</sup> 148.20 155.29 155.54 100.00% 4.00% Securities 133.81 140.58 140.93 90.60% 3.62% Global USD 118.48 125.53 125.81 80.88% 3.23% Euro 4.53 4.42 2.83% 0.11% Global BRL 10.80 10.71 0.28% 10.63 6.89% Contractual 14.39 14.71 14.62 9.40% 0.38% Multilateral Organisms 3.68 2.38% 0.10% 3.81 3.70 Private Financial Institutions/Gov. Agencies 10.71 10.91 10.92 7.02% 0.28%

All EFPD values converted to USD and then converted to BRL at the spot FX-rate as of the month's last day.

 2019 ABP Limits

 Outstanding Held by the public (R\$ Bn)

 Min
 Max

 FPD
 4,100.0
 4,300.0

#### 2.2 Variation Factors

As mentioned previously the Federal Public Debt - FPD registered a 0.31% nominal increase, moving from R\$ 3,878.69 billion in April to a level of R\$ 3,890.85 billion in May. This variation was due to the net redemptions in the amount of R\$ 16.31 billion and the positive interest appropriation in the amount of R\$ 28.47 billion.

Table 2.2 FPD Variation Factors Held by the Public May/2019

	Monthly	/	2019		
INDICATORS	R\$ Mn	% of outstan- ding debt	R\$ Mn	% of outstan- ding debt <sup>1</sup>	
Previous Outstanding Debt <sup>1</sup>	3,878,685.29		3,877,061.11		
DFPD	3,723,394.18		3,728,857.20		
EFPD	155,291.11		148,203.92		
Outstanding Debt in May-31-19	3,890,846.27		3,890,846.27		
DFPD	3,735,304.79		3,735,304.79		
EFPD	155,541.47		155,541.47		
Nominal Variation	12,160.97	0.31%	13,785.15	0.36%	
DFPD	11,910.61	0.31%	6,447.59	0.17%	
EFPD	250.36	0.01%	7,337.56	0.19%	
I - Debt Management - (Treasury) (I.1 + I.2)	12,160.97	0.31%	14,586.69	0.38%	
I.1 - Issuance/Net Redemption	-16,312.51	-0.42%	-127,705.02	-3.29%	
I.1.1 - Issuances	82,849.30	2.14%	333,998.28	8.61%	
Public Offerings Issuances (DFPD)	78,447.40	2.02%	322,074.76	8.31%	
Public Offerings Exchanges (DFPD)	1,894.32	0.05%	2,747.81	0.07%	
Non-competitive Issuances (DFPD)	2,504.99	0.06%	2,716.70	0.07%	
Issuances (EFPD)	2.59	0.00%	6,459.01	0.17%	
I.1.2 - Redemptions	-99,161.81	-2.56%	-461,703.30	-11.91%	
Current Payments (DFPD)	-96,985.74	-2.50%	-454,542.42	-11.72%	
Public Offerings Exchanges (DFPD)	-1,894.31	-0.05%	-2,747.78	-0.07%	
Cancellations (DFPD)	-0.01	0.00%	-7.08	0.00%	
Current Payments (EFPD)	-281.75	-0.01%	-4,406.02	-0.11%	
Early Redemption (EFPD)	0.00	0.00%	0.00	0.00%	
I.2 - Accrued Interest	28,473.49	0.73%	142,291.71	3.67%	
DFPD Nominal Accrued Interest	27,943.96	0.72%	137,007.14	3.53%	
EFPD Nominal Accrued Interest	529.53	0.01%	5,284.57	0.14%	
II - Central Bank Operations	0.00	0.00%	-801.54	-0.02%	
II.1 - Securities' Net Sales to the Market	0.00	0.00%	-801.54	-0.02%	
Total (I + II)	12,160.97	0.31%	13,785.15	0.36%	

 $<sup>^{\</sup>rm 1}\,\mbox{The}$  "Monthly" column relates to the last day of the previous month.

Historical Data: Annex 2.8

#### 2.3 Profile

#### **Indexes**

In terms of the FPD profile, DFPD share was maintained in 96.00%, from April to May, as EFPD share was in 4.00%.

The share of fixed-rate FPD securities shifted from 30.16% in April to 31.27% in May. Share of inflation-linked securities decreased from 28.70% to 26.67%. At the same time, the share of floating-rate securities increased from 36.95% in April to 37.88% in May.

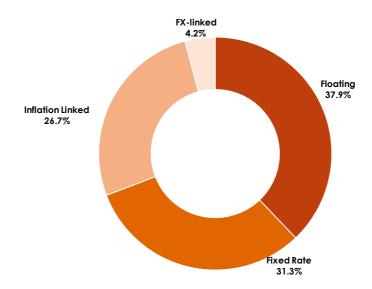
Table 2.3 **Profile** 

(R\$ Bn)

		Dec/18			Apr/19			May/19	
FPD	3,877.06		100.00%	3,878.69		100.00%	3,890.85		100.00%
Fixed Rate	1,280.41		33.03%	1,169.72		30.16%	1,216.76		31.27%
Inflation Linked	1,064.62		27.46%	1,113.27		28.70%	1,037.51		26.67%
Floating	1,376.87		35.51%	1,433.30		36.95%	1,473.83		37.88%
FX-linked	155.16		4.00%	162.39		4.19%	162.75		4.18%
DFPD	3,728.86	100.00%	96.18%	3,723.39	100.00%	96.00%	3,735.30	100.00%	96.00%
Fixed Rate	1,269.61	34.05%	32.75%	1,159.10	31.13%	29.88%	1,206.05	32.29%	31.00%
Inflation Linked	1,064.62	28.55%	27.46%	1,113.27	29.90%	28.70%	1,037.51	27.78%	26.67%
Floating	1,376.87	36.92%	35.51%	1,433.30	38.49%	36.95%	1,473.83	39.46%	37.88%
FX-linked	17.76	0.48%	0.46%	17.72	0.48%	0.46%	17.92	0.48%	0.46%
EFPD	148.20	100.00%	3.82%	155.29	100.00%	4.00%	155.54	100.00%	4.00%
USD	122.89	82.92%	3.17%	129.99	83.71%	3.35%	130.15	83.68%	3.35%
Euro	9.10	6.14%	0.23%	9.51	6.13%	0.25%	9.52	6.12%	0.24%
BRL	10.80	7.29%	0.28%	10.63	6.84%	0.27%	10.71	6.89%	0.28%
Other	5.41	3.65%	0.14%	5.16	3.32%	0.13%	5.16	3.32%	0.13%

Historical Data FPD: Annex 2.4 Historical Data DFPD: Annex 2.5 Historical Data EFPD: Annex 2.6

Graph 2.1 FPD Profile, by index May/2019



2019 ABP Limits Share in Outstanding FPD							
	Min	Max					
Fixed Rate	<b>29</b> %	33%					
Inflation Linked	24%	28%					
Floating	38%	42%					
FX-linked	3%	<b>7</b> %					

#### **Holders**

The category of Pensions posted a decrease, in absolute share, from R\$ 951.52 billion to a level of R\$ 927.45 billion between April and May. Relative participation decreased from 25.56% to 24.83% in May. Financial Institutions grouping showed positive variation in its stock level, moving from R\$ 805.97 billion to R\$ 821.67 billion. Relative participation increased from 21.65% to 22.00%. Investment Funds increased their stock from R\$ 972.44 billion to R\$ 992.80 billion. Relative share reached 26.58%. The share of Nonresidents in DFPD increased from 12.50% to 12.74%. The category of Government decreased its relative share to 4.07%. Insurers showed an increase in their stock, to R\$ 151.67 billion in May.

One should note that 90.48% of the portfolio of Nonresidents was concentrated in fixed-rate securities, while 55.10% of the Pensions portfolio is composed of inflation-linked securities.

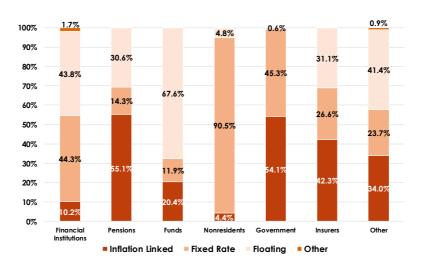
Table 2.4

DFPD Public Securities

Holders

						(R\$ Bn)
	Dec/18		Apr/19		May/19	
Pensions	930.85	24.96%	951.52	25.56%	927.45	24.83%
Financial Institutions	848.10	22.74%	805.97	21.65%	821.67	22.00%
Funds	1,003.56	26.91%	972.44	26.12%	992.80	26.58%
Nonresidents	418.41	11.22%	465.43	12.50%	476.04	12.74%
Government	158.19	4.24%	161.83	4.35%	151.99	4.07%
Insurers	153.27	4.11%	149.73	4.02%	151.67	4.06%
Other	216.49	5.81%	216.48	5.81%	213.69	5.72%
Total	3,728.86	100.00%	3,723.39	100.00%	3,735.30	100.00%
Historical Data and Notes: Annex	2.7					

Graph 2.2
Portfolio Profile.
by holder
May/2019



Graph 2.3 Average Maturity Profile. by holder May/2019



# 3. Federal Public Debt - FPD Maturity Profile

#### 3.1 Maturities

FPD maturities in the next 12 months posted a decrease, shifting from 15.92% in April to 13.99% in May.

The volume of DFPD securities maturing in up to 12 months shifted from 16.23% in April to 14.21% in May. Fixed-rate securities accounted for 68.83% of this total, followed by floating rate securities with share of 18.84% of the total.

With respect to EFPD, the percentage maturing in 12 months increased from 8.45%, in April, to 8.54% in May, with those denominated in American Dollar accounting for 78.13% of this total. It is important to emphasize maturities over five years account for 54.61% of outstanding EFPD.

Table 3.1

FPD Maturities Held by the Public

(R\$ Bn)

Maturities	DFPD					EFPD				FPD			
iviatuiities	Apr	/19	May	//19	Apr/	19	May	/19	Apr/	19	May	19	
Up to 12 months	604.24	16.23%	530.97	14.21%	13.12	8.45%	13.28	8.54%	617.36	15.92%	544.25	13.99%	
From 1 to 2 years	742.16	19.93%	818.92	21.92%	23.44	15.09%	23.45	15.08%	765.59	19.74%	842.37	21.65%	
From 2 to 3 years	587.83	15.79%	526.91	14.11%	9.42	6.06%	9.39	6.03%	597.24	15.40%	536.29	13.78%	
From 3 to 4 years	565.36	15.18%	637.67	17.07%	14.26	9.18%	14.27	9.17%	579.61	14.94%	651.94	16.76%	
From 4 to 5 years	342.14	9.19%	293.20	7.85%	10.18	6.56%	10.22	6.57%	352.33	9.08%	303.42	7.80%	
Over 5 years	881.67	23.68%	927.63	24.83%	84.88	54.66%	84.94	54.61%	966.55	24.92%	1,012.57	26.02%	
TOTAL	3,723.39	100.00%3	,735.30	100.00%	155.29	100.00%	155.54	100.00%	3,878.69	100.00%	3,890.85	100.00%	

Table 3.2 Federal Public Debt Held by the Public Due in 12 Months, by index

(R\$ Bn)

		Dec/18			Apr/19			May/19	
FPD	632.64		100.00%	617.36		100.00%	544.25		100.00%
DFPD	620.13	100.00%	98.02%	604.24	100.00%	97.87%	530.97	100.00%	97.56%
Fixed Rate	408.33	65.85%	64.54%	355.58	58.85%	57.60%	365.47	68.83%	67.15%
Inflation Linked	142.91	23.04%	22.59%	147.67	24.44%	23.92%	63.98	12.05%	11.76%
Floating	67.37	10.86%	10.65%	99.49	16.47%	16.12%	100.02	18.84%	18.38%
FX-linked	1.52	0.25%	0.24%	1.49	0.25%	0.24%	1.50	0.28%	0.27%
EFPD	12.50	100.00%	1.98%	13.12	100.00%	2.13%	13.28	100.00%	2.44%
USD	9.68	77.40%	1.53%	10.23	77.99%	1.66%	10.37	78.13%	1.91%
Euro	1.66	13.24%	0.26%	1.74	13.23%	0.28%	1.74	13.13%	0.32%
BRL	1.01	8.05%	0.16%	0.99	7.54%	0.16%	1.00	7.52%	0.18%
Other	0.16	1.32%	0.03%	0.16	1.24%	0.03%	0.16	1.23%	0.03%
Historical Data: Anne	x 3.3								



### 3.2 Average Maturity

FPD average maturity increased from 4.22 years in April to 4.26 years in May. DFPD average maturity increased from 4.09 years in April to 4.13 years in May. Parallel to this, EFPD average maturity decreased from 7.30 years in April to 7.23 years in May.

Table 3.3 **FPD Average Maturity** 

	Dec/18	Apr/19	May/19
FPD	4.11	4.22	4.26
DFPD	3.98	4.09	4.13
LFT	3.40	3.43	3.41
LTN	1.22	1.42	1.39
NTN-B	7.35	7.15	7.79
NTN-C	4.95	4.84	4.76
NTN-F	3.45	3.49	3.43
TDA	3.37	3.23	3.20
Securitized Debt	3.48	3.39	3.35
Other	6.27	6.14	6.24
EFPD	7.39	7.30	7.23
Securities	7.51	7.43	7.36
Global USD	7.98	7.88	7.80
Euro	2.17	1.89	1.81
Global BRL	4.57	4.46	4.38
Contractual	6.31	6.02	5.98
Multilateral Organisms	5.26	5.42	5.52
Private Financial Institutions/Gov. Agencies	6.67	6.22	6.14

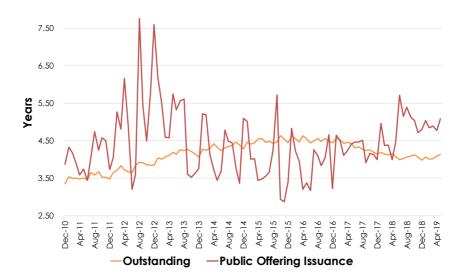
<sup>&</sup>lt;sup>1</sup> Refers to the pre-Brady bond (BIB). which does not have an embedded call option.

Table 3.4
Average Maturity of
DFPD Issuances - Public
Offerings, by index

			(Years)
Index	Dec/18	Apr/19	May/19
DFPD	4.72	4.77	5.08
Fixed Rate	2.26	3.17	3.24
LTN	2.07	2.79	2.94
NTN-F	5.78	5.77	5.73
Inflation Linked	9.42	6.45	7.97
Floating	6.10	6.34	6.25
Historical Data: Annex 3.9			

Graph 3.1

Average Maturity of
DFPD Issuances on
Public Offerings Vs
Outstanding Average
Maturity





### 3.3 Average Term to Maturity

The National Treasury releases the data of average life using new methodology called Average Term to Maturity – ATM, which is most commonly found in the international literature and therefore allows greater comparability between Brazil and other countries as refers to the maturity of government debt.

The new methodology for the average life is calculated by averaging weighted remaining time to maturity of each security that make up the FPD, considering principal only. The weighting occurs by value of each security. Using their face value.

FPD average life, in this new methodology, increased from 5.79 years in April to 5.81 years in May.

Table 3.5 FPD Average Life Held by the Public

			(Years)
	Dec/18	Apr/19	May/19
FPD	5.68	5.79	5.81
DFPD	5.45	5.57	5.60
Fixed Rate	2.29	2.49	2.43
Inflation Linked	12.32	11.98	12.84
Floating	3.40	3.43	3.41
FX-linked	5.74	5.44	5.36
EFPD	11.55	11.19	11.12
Securities	12.00	11.61	11.53
Global USD	12.85	12.40	12.32
Euro	2.25	1.92	1.84
Global BRL	6.46	6.13	6.05
Contractual	7.51	7.26	7.22
Multilateral Organisms	6.15	6.62	6.67
Private Financial Institutions/Gov. Agencies	7.94	7.47	7.40

Note:The new methodology for the average life is calculated by averaging weighted remaining time to maturity of each security that make up the FPD. For securities and contractual debt that have intermediate amortizations. such amortizations are also part of the calculation of average life.

Note 2: FPD average life values by the old methodology for Dec/12 and Dec/13 are. respectively. 6.81 and 6.72 years.

Historical Data: Annex 3.10

# 4. Federal Public Debt - FPD Average Cost

### **4.1 Outstanding Average Cost**

FPD cumulative 12-month average cost shifted from 9.77% per year, in April, to 9.44% per year, in May.

At the same time, DFPD cumulative 12-month average cost decreased from 9.45% per year, in April, to 9.38% per year, in May.

Regarding to EFPD, this indicator decreased from 18.20% to 10.84% per year, mostly as a result of 0,12% depreciation of the American Dollar against the Brazilian Real in May 2019, compared to 7.35% appreciation recorded in May 2018.

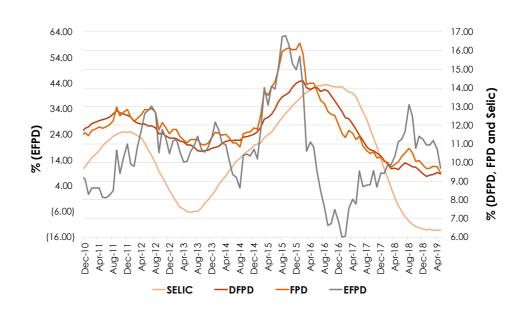
Table 4.1 **FPD Average Cost** 

						(% p.y.)	
	Mont	hly Average Co	st	12-Month Cumulative Average Cos			
	Dec/18	Apr/19	May/19	Dec/18	Apr/19	May/19	
FPD	7.59	10.73	8.71	9.83	9.77	9.44	
DFPD	7.43	10.33	8.89	9.37	9.45	9.38	
LFT	6.41	6.42	6.42	6.44	6.36	6.39	
LTN	10.43	9.82	9.86	10.73	10.31	10.28	
NTN-B	5.63	14.27	9.97	9.85	10.81	10.85	
NTN-C	-3.95	22.90	15.88	18.34	19.55	18.50	
NTN-F	11.83	11.76	11.74	11.75	11.72	11.76	
TDA	3.23	3.14	3.13	3.33	3.28	3.26	
Securitized Debt	4.04	5.35	4.97	5.18	5.12	5.07	
Other	1.55	21.39	9.94	19.46	18.77	14.96	
EFPD	11.44	20.61	4.31	22.07	18.20	10.84	
Securities	10.07	21.59	4.49	22.43	18.67	11.20	
Global USD	9.67	22.76	4.31	23.94	19.92	11.57	
Euro	20.33	16.30	-3.98	15.14	8.27	3.73	
Global BRL	10.16	10.16	10.16	10.15	10.15	10.15	
Contractual <sup>1</sup>	24.27	11.27	2.54	18.84	13.96	7.47	
Multilateral Organisms	7.40	20.56	2.27	21.14	17.33	9.20	
Private Financial Institutions/Gov. Agencies	30.20	8.07	2.63	18.12	12.80	6.89	

<sup>&</sup>lt;sup>1</sup>The National Treasury has developed and implemented from January 2012 Contractual External Debt calculation methodology. in line with the existing to the average cost of calculating the DPMFi and External Debt Securities.

Historical Data: Annexes 4.1 e 4.2

Graph 4.1 FPD. DFPD and EFPD Average Cost and Selic Rate - over the past 12 months



### 4.2 Average Cost of DFPD - Public Offerings

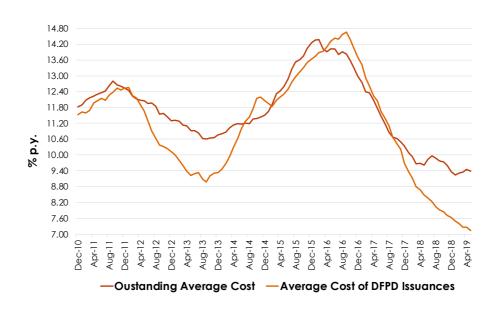
The average cost of DFPD issuances in public offerings is an indicator that reflects the internal rate of return - IRR of Treasury securities in domestic market, plus the variations of their indexes, considering only the placement of securities in a public offering (auctions) in the last 12 months .

In the month of May, the average cost of DFPD issuances in public offerings decreased 0.14 percentage point, moving from 7.27% per year in April to 7.13% per year in May.

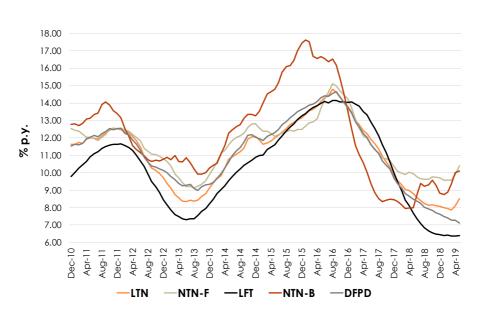
Table 4.2 Average Cost of DFPD Issuances - Public Offerings

			(% p.y.)
	Dec/18	Apr/19	May/19
DFPD	7.64	7.27	7.13
LTN	8.08	8.11	8.51
NTN-F	9.70	9.90	10.40
NTN-B	8.84	10.00	10.11
LFT	6.44	6.37	6.39
Historical Data: Annex 4.3	<u> </u>		

Graph 4.2
Outstanding Average
Cost and Average Cost
of DFPD Issuances



Graph 4.3 Average Cost of DFPD Issuances. by Security



# 5. Secondary Market of Federal Public Securities

### **5.1 Secondary Market Turnover**

The average daily financial volume of securities negotiated on the secondary market increased from R\$ 32.87 billion in April to R\$ 37.42 billion in May. The share of floating rate securities decreased from 17.56% to 15.29%. The share of Fixed Rate securities decreased from 48.43% to 45.23%. Securities tied to Inflation increased from 34.01% to 39.48%.

Table 5.1
Secondary Market Turnover. by Security

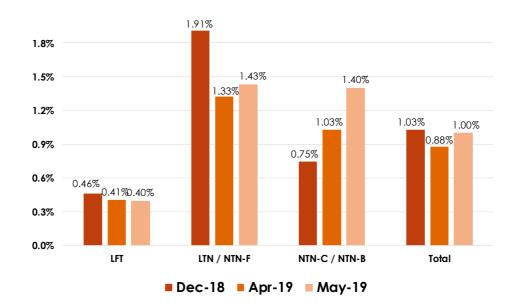
												(R\$ Bn)		
	LFT			LFT LTN / NTN-F			N	ITN-B / NTN	-C		Total			
Month	Volume <sup>1</sup>	% of Total Traded <sup>2</sup>	Variation <sup>3</sup>	Volume <sup>1</sup>	% of Total Traded <sup>2</sup>	Variation <sup>3</sup>	Volume <sup>1</sup>	% of Total Traded <sup>2</sup>	Variation <sup>3</sup>	Volume <sup>1</sup>	% of Total Traded <sup>2</sup>	Variation <sup>3</sup>		
dec/11	4.55	27.39%	0.79%	9.28	55.90%	16.56%	2.77	16.71%	-34.42%	16.60	100.00%	-0.61%		
dec/12	3.57	14.06%	50.07%	13.27	52.21%	71.44%	8.57	33.73%	78.59%	25.41	100.00%	70.33%		
dec/13	2.43	8.18%	0.80%	14.36	48.25%	75.42%	12.97	43.57%	151.22%	29.76	100.00%	88.80%		
dec/14	2.66	15.55%	20.43%	10.81	63.27%	43.74%	3.59	21.03%	9.51%	17.09	100.00%	31.36%		
dec/15	4.18	20.46%	35.94%	12.56	61.50%	30.38%	3.64	17.81%	-16.21%	20.43	100.00%	19.79%		
dec/16	4.59	14.23%	17.40%	21.99	68.16%	50.48%	5.68	17.61%	-25.67%	32.26	100.00%	23.29%		
dec/17	5.90	18.51%	46.64%	17.59	55.16%	40.60%	8.40	26.34%	5.02%	31.89	100.00%	29.99%		
dec/18	6.27	16.44%	8.73%	24.07	63.12%	53.17%	7.79	20.44%	1.05%	38.13	100.00%	30.62%		
jan/19	5.56	15.50%	-11.39%	18.54	51.73%	-22.98%	11.75	32.77%	50.72%	35.84	100.00%	-6.02%		
feb/19	6.41	15.89%	15.44%	21.99	54.49%	18.61%	11.95	29.62%	1.77%	40.36	100.00%	12.60%		
mar/19	6.68	14.23%	4.23%	27.98	59.56%	27.23%	12.31	26.21%	2.98%	46.97	100.00%	16.39%		
apr/19	5.77	17.56%	-13.62%	15.92	48.43%	-43.10%	11.18	34.01%	-9.17%	32.87	100.00%	-30.01%		
may/19	5 72	15 29%	-0.88%	16 92	45 23%	6 30%	14 77	39 48%	32 12%	37 42	100 00%	13 82%		

Average. in the month. of the daily financial volume of definitive transactions. There are not considered: i) transactions in which pricings are not in +/- 25% range of the price accepted

The daily volume traded in the secondary market for government securities as a percentage of the respective stocks increased from 0.88% in April to 1.00% in May. The participation in the turnover of the floating rate index decreased from 0.41% to 0.40%; in

participation in the turnover of the floating rate index decreased from 0.41% to 0.40%; in relation to the Fixed Rate, there was an increase from 1.33% to 1.43%; in relation to Inflation Linked securities, there was an increase from 1.03% to 1.40%.

Graph 5.1
Secondary Market of
Public Securities - Daily
Turnover as Percentage
of Respective
Outstanding Volume



on purchase and sale transactions (outliers); ii) transactions in which the National Treasury or the Central Bank is the financial principal;

<sup>&</sup>lt;sup>2</sup> Share of securities volume traded compared to total volume traded in the month;

<sup>&</sup>lt;sup>3</sup> Variation of total traded in the month compared to the previous month.

Obs.1: Date calculated based on the original numbers. before roundings.
Obs.2: On brokerage operations. only the values of the final principals are accounted

LTN maturing in July 2020 was the most traded in May, followed by LTN maturing in July 2023 and October 2019. As regards NTN-F, the bond maturing in January 2025 was the most traded, followed by NTN-F maturing in January 2029 and January 2027.

Among NTN-B, the highest trading volume maturities were, in decreasing order, August 2022, May 2021 and August 2024.

With regard to the LFTs, the most negotiated bonds in May, in descending order, were those maturing in September 2025, September 2021 and March 2021.

Table 5.2
Top 3 Maturities Turnover in the Secondary
Market, by index
May/2019

									(R\$ Mn)
		Fixed Rate	- LTN				Fixed Rate -	NTN-F	
Security	Maturity	Financial Volume	Number of Transactions	% of Respective Outstanding Total	Security	Maturity	Financial Volume	Number of Transactions	% of Respective Outstanding Total
LTN	7/1/2020	2,214.56	39.3	1.36%	NTN-F	1/1/2025	1,091.03	48.3	1.28%
LTN	7/1/2023	2,199.22	54.6	7.33%	NTN-F	1/1/2029	622.18	61.3	2.63%
LTN	10/1/2019	1,798.63	23.2	1.77%	NTN-F	1/1/2027	579.30	53.2	0.83%
		Inflation Li	nked				Floating (S	ELIC)	
Security	Maturity	Financial Volume	Number of Transactions	% of Respective Outstanding Total	Security	Maturity	Financial Volume	Number of Transactions	% of Respective Outstanding Total
NTN-B	8/15/2022	3,177.05	247.9	2.19%	LFT	9/1/2025	1,464.44	76.4	1.75%
NTN-B	5/15/2021	2,774.11	142.3	3.88%	LFT	9/1/2021	877.98	93.0	0.40%
NTN-B	8/15/2024	2,482.89	202.6	3.46%	LFT	3/1/2021	671.24	87.0	0.37%

Obs. 1: Only definitive transactions are considered.

Obs. 2: Financial volume and number of transactions reflect daily averages within the month;

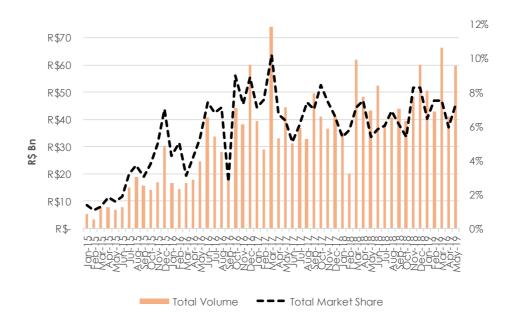
Obs. 3: There are not considered: i) transactions in which pricings are not in +/- 25% range of the price accepted on purchase and sale

 $transactions \ (outliers); ii) \ transactions \ in \ which \ the \ National \ Treasury \ or \ the \ Central \ Bank \ is \ the \ financial \ principal.$ 

Obs. 4: On brokerage operations. only the values of the final principals are accounted.

Regarding total volume, electronic trading platforms market share moved from 5.37% on May 2018 to 7.26% on May 2019. Electronic trading platforms market share reached 5.95% in the previous month. Monthly volume amounted R\$ 59.79 billion (R\$ 41.09 in the previous month and R\$ 43.12 billion 12 months earlier).

Graph 5.2
Monthly Volume on
Electronic Trading
Platforms and its
Market Share
May/2019

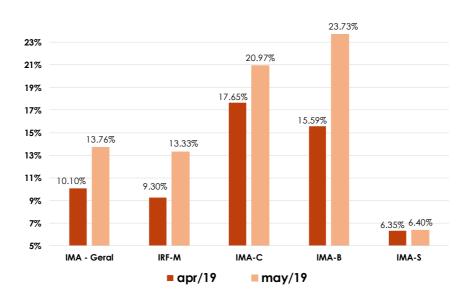


#### 5.2 Public Securities Yield

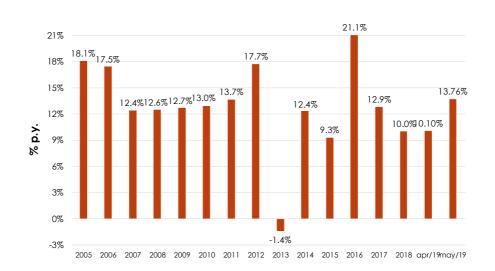
The Anbima Market index - IMA<sup>3</sup>, created by ANBIMA<sup>4</sup> in a partnership with the National Treasury, verifies the profitability of a theoretical portfolio composed of public securities in circulation on the market. It is considered an efficient parameter for purposes of evaluating the evolution of public security profitability, and has introduced greater dynamics into the primary and secondary federal public debt markets.

Data for the month of May indicate an increase of 3.65 percentage points in the General Index. Fixed rate securities, represented by IRF-M, increased 4.03 percentage points. The securities linked to the IGP-M, represented by the IMA-C, showed an increase of 3.32 percentage points. The securities linked to the IPCA, represented by the IMA – B, increased 8.14 percentage points. Finally, the IMA-S index, referring to SELIC-linked securities, in its turn, increased 0.05 percentage point.

Graph 5.3 Public Securities Yield May/2019 (Cumulative 12-Month %)



Graph 5.4
Public Securities Yield
Evolution - Overall
IMA Cumulative
12-Month %)



<sup>&</sup>lt;sup>3</sup> IMA – Fixed-rate indexes calculated on the basis of the evolution of the market value of portfolios composed of public securities. The overall IMA is the result of weighting of the variations of each index; the IRF-M is composed of fixed-rate securities (LTN and NTN-F); the IMA-C, of securities tied to the IGP-M (NTN-C); the IMA-B, composed of securities tied to the IPCA (NTN-B); and the IMA-S, of securities tied to the SELIC rate (LFT). For greater information on the IMA indices, access: <a href="http://www.andima.com.br/publicacoes/args/edesp\_ima\_tpf.pdf">http://www.andima.com.br/publicacoes/args/edesp\_ima\_tpf.pdf</a>.

<sup>&</sup>lt;sup>4</sup> Brazilian Association of Financial and Capital Market Entities.