

2021

Jan – Apr

Guaranteed
Debt Report





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1. FEDERAL GUARANTEES — OUTLOOK

1.1. Introduction

The Federal Guarantees System is one of the cornerstones of the fiscal framework in Brazil. It is designed to ensure the fiscal equilibrium and to provide the legal enforcement upon public entities, federal and subnational ones, regarding their debt formation.

The Brazilian National Treasury is one of the main agents responsible for managing the fiscal policy, searching for efficiency and transparency. As such, it conducts the concession process of federal guarantees, also controlling and executing guarantees and its collaterals.

If any guaranteed credit event arises, the payment becomes an actual responsibility for the National Treasury, just like any other debt issued by the federal government. Thus, the guaranteed debt is a contingent liability for the Treasury. After the guaranteed debt is paid by the federal government, the collateral agreements are triggered in order to recover the amount expended. As such, the Treasury monitors eventual delays from the original debtor perspective, establishing a period for them to remedy their situation, and warning them for the penalties and consequences set forth in the contract terms and in the legislation.

The description above justifies the role of public debt managers, as far as official guarantees are similar to conventional debt instruments. They are contracts under the civil law, affect the financial position of the government, and consume budgetary resources. Typically, contractual loans, associated to their guarantees, hold a cost-risk relationship very close to traditional debt instruments. Therefore, they must be treated as such in the funding strategy. They should be understood as a portfolio of obligations, with procedures and rules underlying its formation, besides cost-risk exercises.

Hence, as in the Federal Debt Management, it matters to explore the guaranteed debt characteristics, as well as their costs and risks. In that sense, the Guaranteed Debt Report (GDR) presents a series of indicators that detail this debt composition regarding different currencies, indices (linkers), maturities and costs for all guaranteed entities. With that, more transparency can be provided to this contingent liability, currently composed of 718 guaranteed contracts, allowing new analysis regarding Federal Guaranteed Debt.



1.2. Outstanding Guaranteed Debt

According to Article 29, IV of the Brazilian Fiscal Responsibility Law (FRL), the Federal Government can grant guarantees for financial or contractual obligations. The most common are the guarantees on credit loans, which correspond to the guarantees offered by the federal government towards government related entities (GRE), subnational governments, State-Owned Enterprises (SOE) and controlled entities according to legal definitions.

As for the origin and in accordance with Article 40 of the FRL, guarantees attached to credit loans can be classified as foreign or domestic, depending on the origin of the guaranteed debt.

All numbers published in this report, including the FX-rate used to compute the debt expressed in Brazilian Reals (R\$), refer to April 30th, 2021.

The outstanding guaranteed debt may increase due to the following factors: disbursement of existing contracts; contracting of new debt with disbursement; indexation of the domestic guaranteed debt, and FX-rate depreciation. Conversely, amortizations and FX-rate appreciation decrease the outstanding debt.

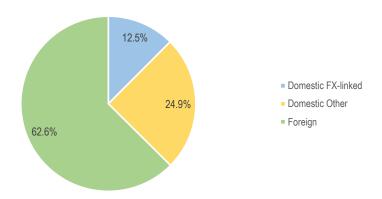
By the end of April 2021, the outstanding guaranteed debt amounted to R\$ 304.80 bn. The domestic guaranteed debt reached R\$ 114.07 bn while the external guaranteed debt reached R\$ 190.73 bn.

The Table 1.1 below display the numbers as of 04/30/21.

Table 1.1Guaranteed Debt
Profile

Total	295,997.38	304,795.86
Foreign Guarantees	181,934.35	190,727.40
Other	76,897.39	76,012.47
FX-linked	37,165.64	38,055.99
Domestic Guarantees	114,063.03	114,068.46
	Dec 2020	Apr 2021
		(R\$ million)

Graph 1.1Guaranteed Debt
Profile





2. GUARANTEED DEBT PROFILE

2.1. Creditors

Domestic guaranteed debt represents 37.4% of the total. External guaranteed debt totalled 62.6%. Federal banks are responsible for 98.0% (R\$ 111.81 bn) of the domestic credit, while, in the case of the external credit, multilateral organisms respond for 90.3% (R\$ 172.22 bn).

Table 2.1Guaranteed Debt
Profile by Creditor

Creditor Classes	Outstanding (R\$ million)	(%)
Domestic Creditors	114,068.46	37.4
Federal Banks	111,809.46	36.7
Private Banks	2,259.00	0.7
Foreign Creditors	190,727.40	62.6
Multilateral Organisms	172,222.71	56.5
Government Agencies	9,642.95	3.2
Private Banks	8,861.74	2.9
Total	304,795.86	100.0

Domestically, BB, BNDES and CAIXA, represent 18.1%, 11.8% and 6.7% out of the total, respectively. As for external creditors, IBRD (WB) and IADB are the most representative, with 26.6% and 26.4% respectively.

Table 2.2Guaranteed Debt Profile:
Largest Creditors

Creditors	Outstanding (R\$ million)	(%)
Domestic Creditors	114,068.46	37.4
ВВ	55,071.05	18.1
BNDES	35,925.60	11.8
CAIXA	20,336.12	6.7
Other	2,735.69	0.9
Foreign Creditors	190,727.40	62.6
IBRD (WB)	81,016.72	26.6
IADB	80,451.31	26.4
CAF	8,240.86	2.7
Other	21,018.51	6.9
Total	304,795.86	100.0



2.2. Debtors

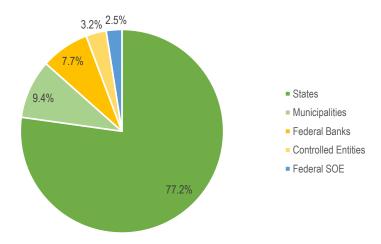
Regarding debtors, state governments are the most representative, with 77.2% (R\$ 235.33 bn) out of the total. Municipalities and federal banks represent 9.4% and 7.7%, respectively. Controlled entities hold 3.2% (R\$ 9.87 bn) and federal SOE, 2.5% (R\$ 7.60 bn).

Table 2.3Guaranteed Debt
Profile by Debtor

Outstanding (R\$ million)	(%)
235,334.70	77.2
28,499.96	9.4
23,492.93	7.7
9,872.03	3.2
7,596.26	2.5
304,795.86	100.0
	(R\$ million) 235,334.70 28,499.96 23,492.93 9,872.03 7,596.26

^a Non-financial SOE.

Graph 2.1Guaranteed Debt
Profile by Debtor





2.2.1. States

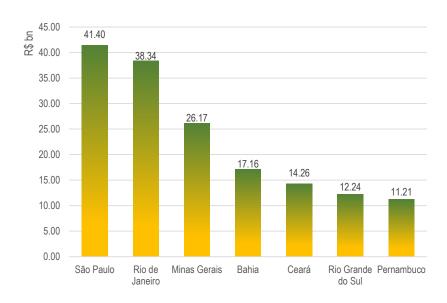
The following table shows the largest guarantees attached to states, as well as its internal credit ratings, computed by the Treasury¹. The largest debtor is São Paulo, with 13.6% of all guaranteed loans, followed by Rio de Janeiro and Minas Gerais.

Table 2.4Guaranteed Debt
Profile: Largest States

Debtors — States	CAPAG ^a	Outstanding (R\$ million)	(%)
São Paulo	В	41,403.82	13.6
Rio de Janeiro	D	38,344.48	12.6
Minas Gerais	D	26,167.38	8.6
Bahia	В	17,160.47	5.6
Ceará	В	14,255.52	4.7
Rio Grande do Sul	D	12,239.81	4.0
Pernambuco	В	11,206.08	3.7
Other		74,557.15	24.5
Total		235,334.70	77.2

^a Internal credit ratings published by the National Treasury Subnational Government Undersecretariat. As these are based on preliminary data, the ratings may change over the period.

Graph 2.2Guaranteed Debt
Profile: Largest States



¹ The internal credit rating (CAPAG) is an important assessment for any entity applying for a Treasury guarantee. It is computed based on the MoF Regulation n. 501, issued on 11/23/17. The inputs consider indicators to cover overall debt levels (not only guaranteed debt), current savings and liquidity. It ranks subnationals from A to D (lowest). According to the referred normative the applicant must have rating B or higher in order to be eligible to receive a federal guarantee, although there are other eligibility criteria.



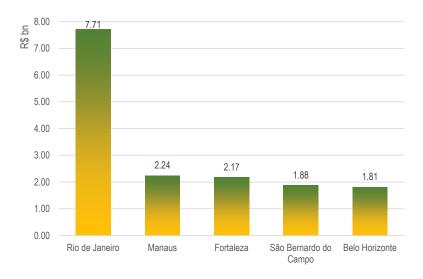
2.2.2. Municipalities

The city of Rio de Janeiro holds R\$ 7.71 bn, the largest amount among municipalities, equivalent to 27.1% of this type of debtor and to 2.5% of all guaranteed loans. Table 2.5 shows the top five cities.

Table 2.5Guaranteed Debt
Profile: Largest
Municipalities

Debtors — Municipalities	Outstanding (R\$ million)	(%)
Rio de Janeiro	7,710.11	2.5
Manaus	2,238.53	0.7
Fortaleza	2,173.60	0.7
São Bernardo do Campo	1,877.79	0.6
Belo Horizonte	1,807.78	0.6
Other	12,692.15	4.2
Total	28,499.96	9.4

Graph 2.3Guaranteed Debt
Profile: Largest
Municipalities





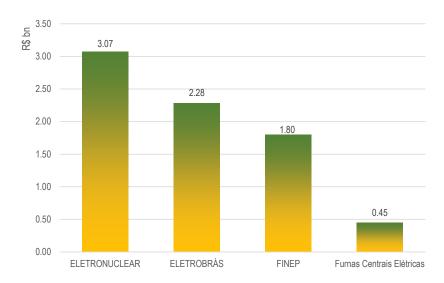
2.2.3. Federal State-Owned Enterprises (SOE)

Among SOE, ELETRONUCLEAR responds for 1.0% (R\$ 3.07 bn) of the total debt guaranteed by the federal government, followed by ELETROBRÁS, with 0.8% (R\$ 2.28 bn).

Table 2.6Guaranteed Debt
Profile: Largest SOE

Debtors — SOE	Outstanding (R\$ million)	(%)
ELETRONUCLEAR	3,066.57	1.0
ELETROBRÁS	2,282.55	0.8
FINEP	1,798.43	0.6
Furnas Centrais Elétricas	448.71	0.2
Total	7,596.26	2.5

Graph 2.4Guaranteed Debt
Profile: Largest SOE





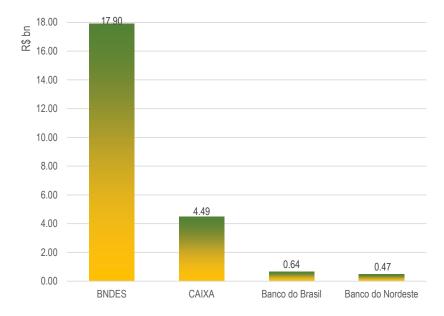
2.2.4. Federal Banks

Federal Banks hold R\$ 23.49 bn in guaranteed debt. BNDES and CAIXA are on the top, with 5.9% (R\$ 17.90 bn) and 1.5% (R\$ 4.49 bn) of the total guaranteed amount, respectively.

Table 2.7Guaranteed Debt
Profile: Largest Fed.
Banks

Debtors — Federal Banks	Outstanding (R\$ million)	(%)
BNDES	17,899.43	5.9
CAIXA	4,491.13	1.5
Banco do Brasil	636.81	0.2
Banco do Nordeste	465.56	0.2
Total	23,492.93	7.7

Graph 2.5Guaranteed Debt
Profile: Largest Fed.
Banks





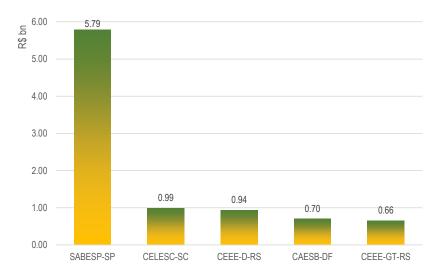
2.2.5. Controlled Entities

Controlled entities (subnational SOE, usually public utility companies) represent 3.2% (R\$ 9.87 bn) out of the total guaranteed debt. SABESP-SP and CELESC-SC are the most important, with R\$ 5.79 bn and R\$ 0.99 bn, respectively.

Table 2.8Guaranteed Debt
Profile: Largest
Controlled Entities

Debtors — Controlled Entities	Outstanding (R\$ million)	(%)
SABESP-SP	5,786.77	1.9
CELESC-SC	990.64	0.3
CEEE-D-RS	935.04	0.3
CAESB-DF	703.14	0.2
CEEE-GT-RS	655.60	0.2
Other	800.84	0.3
Total	9,872.03	3.2

Graph 2.6Guaranteed Debt
Profile: Largest
Controlled Entities





2.3. Indices

There are two types of indices that affect the outstanding guaranteed debt. The first type affects the value of the principal throughout time. For external debt contracts, for instance, the original currency is factored in as the actual index, as the outstanding debt is expressed in Brazilian Reals and, thus, dependent on the FX-rate.

The second type of indices affect the interest payments, determining the creditor pay-off by the interest accrued in each period until the payment date. E.g. most external debt contracts have interest rates linked to the LIBOR.

The table below shows the profile of the guaranteed debt according to the indices affecting the principal. The category "Non-indexed" refer to the debt whose principal nominal values are fixed and not corrected by any index over time.

Table 2.9Profile by Index

Indices Applied	Total Princ	ipal	Fixed-rate Int	erests	Variable-rate Interests		
on Principal	(R\$ million)	(%)	(R\$ million)	(%)	(R\$ million)	(%)	
FX-rate	228,783.39	75.1	17,524.05	5.7	211,259.34	69.3	
IPCA (inflation)	2,828.63	0.9	2,828.63	0.9	0.00	0.0	
SELIC rate	1,442.62	0.5	1,442.62	0.5	0.00	0.0	
TJLP ^a	46,360.54	15.2	0.00	0.0	46,360.54	15.2	
TR	2,908.79	1.0	2,908.79	1.0	0.00	0.0	
Non-indexed	22,471.90	7.4	4,925.10	1.6	17,546.80	5.8	
Total	304,795.86	100.0	29,629.18	9.7	275,166.68	90.3	

^a Although TJLP (Long Term Interest Rate) is an interest rate, it is considered an index because some contracts have interest linked to a 6% cap, with the exceeding value capitalized into the overall debt.

Both types of indices (over principal and interest rates) affect the risk analysis of the guaranteed debt. For example, the FX-linked exposure must include the contracts denominated in foreign currency and those denominated in R\$ but linked to the USD.



3. MATURITY PROFILE — GUARANTEED DEBT

An important risk indicator to be monitored by the guarantor (Treasury) is the percentage maturing in the next 12 months. From the Treasury perspective, it is essential to understand what could arise and be prepared to deal with liquidity and budgetary issues in order to perform the payments when required. These measures allow debt managers to know the debt incoming flow for each period and how the guarantees are distributed over time.

As of April 30th, 2021, 9.1% of the guaranteed debt is maturing in the next 12 months. This number is broken-down according to the table below. It is important to note that all payments are considered in these percentages, including accrued interest. Hence the numbers displayed in the table are higher than the overall outstanding debt we have considered so far.

Table 3.1 Maturity Profile

Dalatana	Up to 12	2 mo.	1 to 2 y	ears	s 2 to 3 years 3 to 4		3 to 4 ye	3 to 4 years 4 to 5		years More than 5 yr.		
Debtors	(R\$ bn)	(%)	(R\$ bn)	(%)	(R\$ bn)	(%)	(R\$ bn)	(%)	(R\$ bn)	(%)	(R\$ bn)	(%)
States	24.13	8.7	24.03	8.7	22.53	8.1	21.57	7.8	20.90	7.6	163.63	59.1
Municipalities	2.84	8.9	2.89	9.1	2.92	9.2	2.80	8.8	2.56	8.1	17.83	56.0
Federal Banks	2.58	10.0	2.67	10.3	2.55	9.8	2.20	8.5	2.03	7.9	13.87	53.6
Federal SOE	1.67	16.7	1.06	10.7	0.51	5.1	0.48	4.8	0.48	4.8	5.77	57.9
Controlled Entities	0.92	8.6	0.90	8.4	0.91	8.5	0.85	7.9	0.77	7.1	6.38	59.5
Total	32.14	9.1	31.56	8.9	29.41	8.3	27.90	7.9	26.74	7.5	207.49	58.4



4. AVERAGE TERM TO MATURITY (ATM) OF THE GUARANTEED DEBT

For cross-country comparisons, the Brazilian National Treasury calculated the average life of the federal public debt using the ATM methodology. This indicator considers the average life of each loan, weighted by the respective amortizations.

The ATM of the guaranteed debt reached 7.48 years, as detailed in the table below. The table opens by the credit origin, as well as by the type of debtor.

Table 4.1

Debtors	Outstanding (R\$ million)	ATM (years)		
Total	304,795.86	7.48		
Domestic Guarantees	114,068.46	6.82		
States	97,445.18	7.06		
Municipalities	7,435.72	4.76		
Federal Banks	4,513.69	4.94		
Federal SOE	4,673.87	6.91		
Foreign Guarantees	190,727.40	7.88		
States	137,889.52	7.84		
Municipalities	21,064.24	7.89		
Federal Banks	18,979.23	8.10		
Federal SOE	2,922.39	9.51		
Controlled Entities	9,872.03	7.48		



5. AVERAGE COST OF THE GUARANTEED DEBT

Another important risk measure for the guaranteed debt portfolio is the average cost. This statistic indicates how much the debtor (or group thereof) had to bear for keeping their debt for the last twelve months. Thus, it is a rate per annum.

The calculation of such cost considers the contractual interest rates plus spreads and the variation of the index applied over the due principal, if any. For foreign debts, the latter is replaced by the FX-rate as far as it determines the variation of the financial value of the outstanding balance denominated in R\$.

As of April 30th, 2021, the average cost of the guaranteed debt portfolio reached 2.64% per annum. This is an average of the 1.48% p.a. cost of foreign debt and the 4.58% p.a. cost of domestic debt, as can be seen on Table 5.1.

Table 5.1Average Cost

Debtors	Outstanding (R\$ million)	Average Cost (% per annum)		
Total	304,795.86	2.64		
Domestic Guarantees	114,068.46	4.58		
States	97,445.18	4.59		
Municipalities	7,435.72	3.68		
Federal Banks	4,513.69	5.31		
Federal SOE	4,673.87	5.17		
Foreign Guarantees	190,727.40	1.48		
States	137,889.52	1.48		
Municipalities	21,064.24	1.17		
Federal Banks	18,979.23	2.12		
Federal SOE	2,922.39	2.13		
Controlled Entities	9,872.03	0.65		

The lower cost observed for the foreign debt is partially explained by FX-rate variation during the last twelve months (-0.43% for the rate USD/R\$ from 04/30/2020 to 04/30/2021).



6. STATISTICS OF EXECUTED GUARANTEES

The Brazilian National Treasury monitors financial events related to the contracts guaranteed by the federal government, warning debtors about the need to fulfill their obligations and about the sanctions, penalties and other consequences of defaulting, according to the contracts and binding legislation. If the original debtor does not meet its obligations, the Treasury steps in as the guarantor and liquidates the obligations with the original creditor on the original debtor's behalf. While executing the guarantee, the Treasury triggers the collateral according to contractual terms, which include, besides the financial expenditure associated to the guarantee, fines, fees, interest, and other expenses as described in the contractual clauses.

From January to April 2021, the Treasury intervened and paid R\$ 2.52 bn related to guaranteed contracts. Since 2016, the total reached R\$ 35.47 bn.

(R\$ million)

Table 6.1Guarantees

Debtor	2016	2017	2018	2019	2020	Jan-Apr 2021	Total
States	2,361.87	4,031.34	4,805.60	8,350.24	13,265.20	2,522.70	35,336.94
Rio de Janeiro	2,227.32	3,989.45	4,027.89	4,042.60	8,250.81	587.35	23,125.42
Minas Gerais	0.00	0.00	553.15	3,307.90	3,175.94	1,333.50	8,370.49
Goiás	0.00	0.00	33.59	770.15	553.18	498.39	1,855.31
Pernambuco	0.00	0.00	0.00	0.00	354.85	0.00	354.85
Rio Grande do Norte	0.00	0.00	0.00	139.41	148.28	39.55	327.24
Maranhão	0.00	0.00	0.00	0.00	280.16	0.00	280.16
Bahia	0.00	0.00	0.00	0.00	239.80	0.00	239.80
Amapá	0.00	0.00	0.00	90.18	82.26	63.91	236.35
Piauí	0.00	0.00	126.95	0.00	62.25	0.00	189.20
Roraima	27.42	41.89	64.00	0.00	2.27	0.00	135.58
Mato Grosso	107.13	0.00	0.00	0.00	0.00	0.00	107.13
Tocantins	0.00	0.00	0.00	0.00	88.86	0.00	88.86
Mato Grosso do Sul	0.00	0.00	0.00	0.00	25.60	0.00	25.60
Paraíba	0.00	0.00	0.00	0.00	0.65	0.00	0.65
São Paulo	0.00	0.00	0.00	0.00	0.29	0.00	0.29
Municipalities	15.81	28.49	17.49	3.43	66.23	0.00	131.45
Natal - RN	10.93	28.49	17.49	0.00	4.50	0.00	61.41
São B. do Campo - SP	0.00	0.00	0.00	0.00	30.10	0.00	30.10
Goiânia - GO	0.00	0.00	0.00	0.00	11.95	0.00	11.95
Novo Hamburgo - RS	0.00	0.00	0.00	0.00	8.10	0.00	8.10
Belford Roxo-RJ	1.17	0.00	0.00	1.59	3.60	0.00	6.37
Chapecó-SC	2.27	0.00	0.00	0.00	3.76	0.00	6.03
Cachoeirinha -RS	1.45	0.00	0.00	1.83	2.54	0.00	5.82
Rio Grande - RS	0.00	0.00	0.00	0.00	1.68	0.00	1.68
Total Paid	2,377.68	4,059.83	4,823.09	8,353.67	13,331.43	2,522.70	35,468.39

Due to legal injunctions obtained by some states in the Supreme Court, the federal government is prevented from executing the collaterals of their contracts. In addition, the execution of the collaterals of the state of Rio de Janeiro has been suspended by Complementary Law n.159, of May 19, 2017, which established the Fiscal Recovery Regime (FRR).

Article 13 of the Ministry of Finance (MoF) Regulation n. 501, issued on 11/23/2017, modified by Ministry of Economy Regulation n. 376, issued on 11/10/2020, establishes penalties for the debtors that do not fulfill



their original obligations. Hence, the following debtors are not entitled to contract new guaranteed debt until the end of the blocking period, displayed in the following tables:

Table 6.2Blocking due to not performing loans

Debtor	End of Period
Amapá State*	04/23/2022
Goiás State	04/23/2022
Maranhão State	08/19/2021
Mato Grosso do Sul State	05/22/2021
Minas Gerais State	04/27/2022
Pernambuco State	05/28/2021
Piauí State	05/28/2021
Rio Grande do Norte State	04/22/2022
Tocantins State	05/12/2021
Munic. of Belford Roxo - RJ	11/09/2021
Munic. of Cachoeirinha - RS	05/14/2021
Munic. of Natal - RN	05/22/2021
Munic. of Novo Hamburgo - RS	11/09/2021

^{*}The blockings were suspended due to legal injunctions obtained in the Supreme Court.

The State of Rio de Janeiro, though fit to be included in the penalties above, is entitled to contract new guaranteed debt by the terms of art. 11, § 1, of Complementary Law n. 159, issued on May 19, 2017 (FRR).



7. ANNEX 1 — HISTORICAL OUTSTANDING GUARANTEED DEBT

(R\$ billion)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	Apr 2021
Domestic Guarantees	22.59	52.71	80.60	112.30	111.09	111.50	114.32	109.30	114.06	114.07
States	13.23	39.93	61.88	81.80	81.26	84.71	91.44	90.91	97.34	97.45
Municipalities	0.00	0.03	1.54	3.55	3.98	3.91	3.88	4.86	6.89	7.44
Federal Banks	4.87	5.63	7.30	7.47	7.07	6.54	6.08	5.37	4.72	4.51
Federal SOE	2.08	5.63	8.46	17.77	17.68	15.95	12.71	8.16	5.12	4.67
Controlled Entities	2.41	1.49	1.42	1.72	1.10	0.38	0.21	0.00	0.00	0.00
Foreign Guarantees	48.64	56.09	70.18	110.61	103.76	121.85	143.91	146.62	181.93	190.73
States	29.23	35.74	47.65	77.83	75.49	91.24	107.66	109.59	135.18	137.89
Municipalities	4.94	5.56	6.97	10.57	10.71	11.05	13.45	14.62	19.96	21.06
Federal Banks	11.69	12.13	12.56	16.54	12.24	12.60	13.09	12.30	14.36	18.98
Federal SOE	0.92	1.02	1.28	1.83	1.62	1.35	2.20	2.37	2.89	2.92
Controlled Entities	1.86	1.64	1.71	3.84	3.71	5.60	7.52	7.75	9.55	9.87
Total	71.23	108.80	150.77	222.91	214.85	233.35	258.23	255.92	296.00	304.80



8. ANNEX 2 — NEW GUARANTEED DEBT — 2021

From January to April 2021, no new guaranteed contracts were signed.



GLOSSARY

Denifitions:

Amortization - Part of the installment referred to the debt principal, which leads to diminishing the outstanding debt.

Contracted Value - Value defined in the contract to execute a specific project. It does not necessarily affect the outstanding debt at once, as it depends on the pace of the disbursement.

Controlled Entities - Public companies or entities controlled by the State.

Credit Operations - Contract signed by which the creditor funds the debtor's project, and the guarantor backs-up the debt. The debtor is then obliged to amortize the values with time and interest agreed upon.

Creditor - Financial institution which funded some project.

Debtor - Entity beneficiary of the credit and underlying guarantee to execute the project according to contractual terms.

Disbursement - Financial outlay from the creditor to the debtor to execute the project.

Domestic Guarantees - Guarantees associated to credit operations originally funded domestically, regardless from the currency or index set in the contract.

Federal Banks - Federal Government owned banks such as Banco do Brasil, BNDES and CAIXA.

Foreign Guarantees - Guarantees associated to loans originally funded by foreign creditors.

Government Agencies - International public financial institutions such as AFD, JICA and KfW.

Guarantor - Entity responsible to fulfill a guarantee in case of a credit event. In this report, the Brazilian National Treasury.

Multilateral Organisms - Type of creditor defined by international entities. The main ones are IBRD (World Bank) and IADR

Outstanding Guaranteed Debt - Total disbursed netted out from the amortized debt.

Private Banks - Private financial institutions, national or international, such as Crédit Suisse Brasil, Santander, Bank of America and Crédit Suisse AG.

Acronyms:

AFD - Agence Française de Développement (French Development Agency)

BB - Banco do Brasil (Federal Bank)

BNDES - Banco Nacional de Desenvolvimento Econômico e Social (Federal Bank)

CAESB - Companhia de Saneamento Ambiental do Distrito Federal (Distrito Federal's water and sanitation company)

CAF - Corporação Andina de Fomento (Andean Development Corporation)

CAIXA - Caixa Econômica Federal (Federal Bank)

CEEE-D - Companhia Estadual de Energia Elétrica – Distribuição (Rio Grande do Sul's electric company - distribution)

CEEE-GT - Companhia Estadual de E.E. - Geração e Transmissão (Rio Grande do Sul's electric company - generation and transmission)

CELESC - Centrais Elétricas de Santa Catarina S.A. (Santa Catarina's electric company)

ELETROBRÁS - Centrais Elétricas Brasileiras S.A. (Federal Government electric company)

ELETRONUCLEAR - Eletrobras Eletronuclear (Federal Government electric company)

Furnas Centrais Elétricas - Eletrobrás Furnas (Federal Government electric company)

FINEP - Financiadora de Estudos e Projetos (Funding Authority for Studies and Projects)

IADB - Inter-American Development Bank

IBRD/WB - International Bank for Reconstruction and Development/World Bank

JICA - Japan International Cooperation Agency

KfW - Kreditanstalt für Wiederaufbau

SABESP - Companhia de Saneamento Básico do Estado de São Paulo (São Paulo's sanitation company)