



# December 2023 QUARTERLY BULLETIN

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## Corporate charter

#### MISSION

To support sustainable economic development through effective monetary policy and an inclusive and stable financial system for the benefit of all Namibians.

#### **VISION**

To be a leading central bank committed to a prosperous Namibia.

#### **VALUES**



Act with integrity



Open engagement



Lead through innovation



Performance excellence

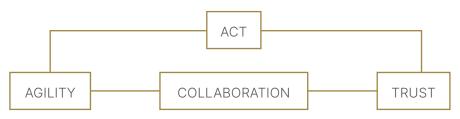


We care



Embrace diversity

#### **CULTURE STATEMENT**



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#### **PREFACE**

This preface serves as a guide to readers, explaining the main conventions used in the analysis contained in this publication. The analysis in the periodic Quarterly Bulletin of the Bank of Namibia is focused on the most recent quarter for which comprehensive data on the economy is available – the "current quarter under review" or just "the quarter under review." For this edition of the publication, the current quarter under review is the third quarter of 2023.

To track developments over the past year, the analysis is done by measuring the percentage changes or levels of the indicators being reviewed comparing the third quarter of 2023 to the same quarter of the previous year. These changes are referred to in the publication as: "year-on-year"; "yearly"; "annually"; or "on a yearly basis," and these phrases are used interchangeably throughout the publication. Year-on-year changes have the advantage that changes due to seasonal variation are eliminated.

To track the shorter-term evolution of the economy, the focus is on quarterly developments, with performance being measured by looking at the percentage changes or levels of the reviewed indicators and comparing the current quarter under review with the previous quarter. This is referred to as: "quarter-on-quarter"; "quarterly" or "on a quarterly basis," and these are used interchangeably in the publication. For a number of key economic indicators, the analysis of short-term developments may also briefly refer to monthly data that have become available for the period after the close of the "current quarter under review," particularly where it illuminates a new trend that seems to be unfolding.

The Quarterly Bulletin generally attempts to substantiate the movements in the reviewed indicators by providing, where possible, reasons for significant changes in the indicators. The main conclusions are drawn from the direction of the reviewed indicators based on year-on-year developments. It is trusted that readers will find this periodic publication useful in presenting a balanced picture of the economy, while also providing context and historical statistics on key indicators.

#### **QUARTERLY KEY EVENTS**<sup>1</sup>

Month	Day	Events
July	10	Rössing Uranium granted a 13-year mining contract worth N\$12.8 billion to Chinese contractor Beifang Mining Services. The agreement aims to enhance Rössing Uranium's mining operations and enable the commencement of phase four of operations, set to be fully operational by 2027.
	12	Reconnaissance Energy Africa (ReconAfrica) was granted an Environmental Clearance Certificate (ECC) to commence the drilling of 12 additional exploration and appraisal wells in the Kavango Basin. The licence is approved for a period of four years.
	13	Botswana Stock Exchange-listed Choppies plans to open 35 additional stores in Namibia over the next five years, expanding its current chain of 15 local stores. Furthermore, the company opened the newest store on 13 July 2023 in Windhoek.
	26	FlyNamibia has joined South African-based Airlink to promote its flights and services to travel agents worldwide on the Global Distribution System (GDS). GDS increases the visibility of flight networks and schedules to a larger pool of potential customers in other parts of the world.
	30	TotalEnergies plans to conduct the first production test on its Venus oil discovery offshore Namibia. The company has allocated about 50 percent of its global exploration budget worth N\$5.5 billion to Namibia this year for the appraisal.
August	02	Oryx Properties completed the acquisition of the Dunes Mall in Walvis Bay for N\$632.7 million. This was partly financed through N\$312.7 million raised from the rights issue proceeds.
	21	The Ministry of Finance and Public Enterprises and the Ministry of Fisheries and Marine Resource have started a bidding process for the sale of 600 tonnes of monk freezer fish. This follows the open bidding for 30 540 tonnes of horse mackerel on 31 March 2023.
	21	The Ministry of Agriculture, Water and Land Reform (MAWLR) has relaxed importation rules for mahangu and beans from Angola to strengthen the food reserves amidst the drought.
	24	Trigon Metals Inc. announced the production of its first copper concentrate from the Kombat Mine after its closure in 2008 but reopened in 2021. 436 tonnes of ore underwent processing within the mill, approaching nearly 44 percent of its daily production capacity.

<sup>1</sup> Source: The Brief, The Namibian, New Era, Reuters and Namibia Economist. The quarterly key events are based on media reports and are selected based on their economic relevance.

Month	Day	Events
September	03	The Development Bank of Namibia (DBN) has received a second concessional loan of around N\$600 million from Kreditanstalt für Wiederaufbau (KfW). The financing is earmarked for the development of climate-related infrastructure such as renewable energy, water, and low-carbon transport projects.
		Dundee Precious Metals Tsumeb (DPMT) has commissioned its first-waste management facility. The N\$15 million facility will assist in segregating and sorting waste at the source. In addition, the facility is expected to minimize the quantity that gets discarded in landfills.
	27	Green Charcoal Namibia, a subsidiary of a Belgium-based Tolefi Group has been inaugurated by Government. The N\$60 million factory is set to provide stable employment to over 50 full-time employees and aims to result in an inflow of about N\$200 million by 2024.
		The Namib Desert Diamonds (NAMDIA) has declared dividends worth of N\$300 million to the Government, the highest dividends declared by Namdia since inception. This is at the back of good 2022/23 financial performance.
		The German Development Bank (KfW) has issued a N\$3.0 billion loan to City of Windhoek and Namwater to fund water projects. The loan is guaranteed by the Namibian Government.
	29	The first brick for the N\$3.5 billion Cleanergy Solutions Namibia state- of-the-art green hydrogen plant has been laid at Walvis Bay. The plant shall serve as a refuelling station and hydrogen academy.
		Impact Oil & Gas Limited, an exploration company has announced the successful drilling of the Venus-1A appraisal well and a flow test on the Venus-1X re-entry in Block 2913B (PEL 56). The company announced that the Venus-1A appraisal well results were positive and plans to undertake the Drill Stem Results Test.

#### **QUARTERLY HIGHLIGHTS**



Global real GDP growth rate slowed in the third quarter of 2023...



... pulled down by most of the EMDEs and a few AEs, notably the Euro Area and Japan.



Most commodity prices displayed a downward trajectory during the third quarter of 2023...



... reflecting a combination of slowing economic activity impacting metal prices and favourable weather conditions boosting agriculture yields.



Activity in the domestic economy rose further during the third quarter of 2023, at a higher pace of...

7.2 %

... as reflected in activity within the primary and tertiary industries.



Namibia's annual inflation slowed both on a quarterly and yearly basis during the third quarter of 2023...

4.9 %

... predominantly ascribed to a deceleration in the inflation for transport.



Growth in money supply (M2) rose during the third quarter of 2023...

7.9%

... driven by an increase in NFA of the depository corporations...



Growth in private sector credit extension (PSCE) slowed in the third quarter of 2023...

1.6 %

... due to lower demand for credit and repayments by businesses during the period under review.

#### **QUARTERLY HIGHLIGHTS (CONTINUED)**



Namibia's Monetary Policy Committee (MPC) left its Repo rate unchanged in December 2023

7.75 %

This was deemed necessary to continue safeguarding the one-to-one link between the Namibia Dollar and the South African Rand and support domestic economic activity.



Central Government's budget deficit is estimated to narrow during FY2023/24

4.2 % of GDP

The narrowing deficit as a percentage of GDP is ascribed to an estimated increase in revenue collection largely owing to a significant increase in SACU receipts.



The debt ratio of the Central Government declined to...

64.8 % of GDP

... on the back of a faster rise in quarterly GDP compared to the rise in total central Government debt.



Namibia's current account deteriorated on an annual and quarterly basis and stood at

-20.0 % of quarterly GDP

This was mainly due to the worsening merchandise trade balance and net higher outflows on the services account.



The stock of international reserves held by the Bank of Namibia increased over the year to the end of September 2023 to

N\$53.8 billion

This was partly due to capital inflows from the AfDB and KfW loans as well as inflows from the disposal of equity by resident enterprises in the manufacturing sector.



The Real Effective Exchange Rate weakened on an annual basis

2.9 %

The depreciation signals a slight improvement in the competitiveness of Namibian exports.

#### **KEY DOMESTIC ECONOMIC INDICATORS**

Yearly economic indicators	2018	2019	2020	2021	2022	2023*
Population (million)	2.41	2.46	2.50	2.55	2.60	2.60
Gini coefficient	0.56	0.56	0.56	0.56	0.56	0.56
GDP current prices (N\$ million)	181 067	181 211	174 243	183 940	211 235	233 994
GDP constant 2015 prices (N\$ million)	146 100	144 874	133 137	137 830	144 115	154 104
% change	1.1	-0.8	-8.1	3.6	6.5	3.9
Namibia Dollar per US Dollar (period average)	13.2	14.4	16.5	14.8	16.4	18.4
Annual average inflation rate	4.3	3.7	2.2	3.6	6.1	5.9
Government budget balance as % of GDP**	-5.1	-5	-8.1	-7.9	-4.8	-4.2
Quarterly economic indicators	5.1	2022	0.1	7.9	2023	4.2
qual terry economic mulcators	Q2	Q3	Q4	Q1	Q2	Q3
Real sector indicators	Q2	43	47	Q.	Q2	Q3
New vehicle sales (number)	2 538	2 746	2 993	3 127	3 306	3 408
Inflation rate (quarterly average)	5.7	7.1	7.0	7.1	5.9	4.9
Monetary and financial sector indicators (%)	5.7	7.1	7.0	7.1	5.5	4.5
M2 (annual growth rate)	5.4	4.2	0.0	1.8	6.0	7.9
NFA (annual growth rate)	1.6	3.8	11.5	26.7	28.0	27.7
Domestic credit (annual growth rate)	9.1	7	1.1	1.7	0.5	2.0
Private sector credit (annual growth rate)	3.4	4.1	4.2	3.9	3.0	1.6
Household credit (annual growth rate)	2	2.8	4.7	5.4	5.3	4.3
Business borrowing (annual growth rate)	5.2	5.9	3.5	1.9	-0.1	-2.1
Ratio of non-performing loans to total loans	6.1	5.7	5.7	5.6	5.5	5.7
Reporate	4.75	5.5	6.75	7.0	7.75	7.75
Prime lending rate	8.5	9.25	10.5	10.75	11.50	11.50
Average lending rate	8.36	9.08	10.74	10.7	10.97	11.15
Average deposit rate	3.56	4.04	4.98	5.2	5.58	5.64
Average 91 T-Bill rate	6.06	7.25	8.3	8.1	8.70	8.58
Average 365 T-Bill rate	7.31	8.43	9.05	8.5	9.39	8.61
Average 10-year Government bond yield	11.83	11.73	11.52	11.1	10.8	10.5
Fiscal sector indicators****						
Total Government debt (N\$ million)	130 227	135 695	137 457	142 480	145 567	148 791
Domestic borrowing (N\$ million)	97 731	101 519	103 362	105 805	108 022	111 249
External borrowing (N\$ million)	32 496	34 176	34 095	36 674	37 545	37 542
Total debt as % of GDP	66.7	67.4	65.8	65.6	65.3	64.8
Total Government guarantees (N\$ million)	10 361	10 102	9 776	9 475	9 321	8 803
Total Government guarantees as % of GDP	5.3	5.0	4.7	4.3	4.2	3.9
External sector indicators						
Merchandise trade balance (N\$ million)	-7 853	-10 482	-4 519	-6 731	-4 969	-11 861
Current account balance (N\$ million)	-6 643	-7 970	-4 103	-8 069	-3 837	-11 932
Financial account balance (N\$ million, inflow -)	-5 423	-8 300	-3 001	-6 802	-4 538	-8 551
Current account as % of GDP	-13.2	-15.1	-7.1	-14.3	-6.9	-20.0
Imports cover of reserves (months)	4.8	4.4	4.6	4.6	5.5	4.7
* Figures for 2023 are estimated annual indicators						

<sup>\*</sup> Figures for 2023 are estimated annual indicators.

<sup>\*\*</sup> Fiscal years; 2023 represents 2023/24.

<sup>\*\*\*</sup> Exchange rate is the average for the first ten months of 2023.

<sup>\*\*\*\*</sup> Fiscal sector indicator are in fiscal year

### INTERNATIONAL ECONOMIC INDICATORS: SELECTED ECONOMIES

		20	22			2023	
Economy	Q1 Q2 Q3 Q4				Q1	Q2	Q3
G20 and AEs			Year-on-ye	ear real GDP	growth (%)		
G20	4.5	2.9	3.3	2.3	2.8	3.6	2.9
US	1.8	1.9	0.9	1.6	1.7	2.4	2.9
UK	11.4	3.9	2.1	0.7	0.5	0.6	0.6
Euro Area	4.2	2.4	1.9	1.8	1.2	0.5	0.1
Japan	1.2	2.6	3.8	0.9	3.0	0.0	-0.3
EMDEs							
Brazil	2.4	3.7	3.6	1.9	4.0	3.4	2.0
Russia	-4.5	-3.5	-2.7	-1.9	1.5	4.9	5.5
India	13.2	6.3	4.5	6.1	6.1	7.8	7.6
China	4.8	0.4	3.9	2.9	4.5	6.3	4.9
SA	0.1	4.0	0.8	0.1	0.3	1.6	-0.3
AEs		End o	f period mon	etary policy	interest rate	es (%)	
US	0.50	1.75	3.25	4.50	5.00	5.25	5.50
UK	0.75	1.25	2.25	3.50	4.25	5.00	5.25
Euro Area	0.00	0.00	1.25	2.50	3.50	4.00	4.50
Japan	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
EMDEs							
Brazil	11.75	12.75	13.75	13.75	13.75	13.75	12.75
Russia	20.00	9.50	7.50	7.50	7.50	7.50	13.00
India	4.00	4.90	5.90	6.25	6.50	6.50	6.50
China	3.70	3.70	3.65	3.65	3.65	3.55	3.45
SA	4.25	4.75	6.25	7.25	7.75	8.25	8.25
AEs			Quarterly av	erage inflati	on rates (%)		
US	8.0	8.7	8.3	7.1	5.8	4.0	3.5
UK	6.2	9.2	10.0	10.8	10.2	8.4	6.7
Euro Area	6.1	8.0	9.3	10.0	8.0	6.2	4.9
Japan	0.9	2.5	2.9	3.8	3.6	3.3	3.2
EMDEs							
Brazil	10.7	11.9	8.9	6.1	5.3	3.8	4.6
Russia	11.5	16.9	14.4	12.2	8.8	2.7	5.2
India	6.3	7.3	7.0	6.1	6.2	4.6	6.4
China	1.1	2.2	2.7	1.8	1.3	0.1	-0.1
SA	5.8	6.6	7.6	7.4	7.0	6.2	5.0
AEs		1	-		ment rates		0.7
US	3.8	9.9	3.6	3.6	3.5	3.6	3.7
UK	3.9	3.9	3.6	3.7	3.8	3.9	4.2
Euro Area	6.8	7.6	6.6	6.6	6.6	6.4	6.5
Japan EMDEs	2.7	5.8	2.6	2.5	2.6	2.6	2.7
Brazil	11.2	9.9	8.9	8.1	8.6	8.6	7.8
Russia	4.2	3.9	3.9	3.6	3.5	3.4	7.8 3.0
India	7.4	7.6	7.2	7.8	7.3	7.7	3.0 7.7
China	5.5	7.6 5.8	7.2 5.4	7.8 5.6	7.3 5.5	7.7 5.4	7.7 5.2
SA	34.5	33.9	32.9	32.8	32.8	32.9	31.9
JA	34.3	33.8	32.9	32.0	32.0	32.9	31.8

Source: Trading Economics



Preliminary Gross Domestic Product growth data indicate that the global economy slowed in the third quarter of 2023. Global growth declined in the third quarter, pulled down by most of the EMDEs and a few AEs, notably the Euro Area and Japan. The Chinese economy lost some of its earlier momentum, while the United States (US) economy continued its recovery trend. Despite the risks, overall, the global economy continues to gradually recover from the pandemic and Russia-Ukraine conflicts, although most recently the outbreak of the Israel-Gaza war introduces additional uncertainty and frictions to the global economic picture.

Global growth is projected to moderate both in 2023 and 2024. In the October 2023 World Economic Outlook (WEO), the International Monetary Fund (IMF) projected global economic growth to slow from 3.5 percent in 2022 to 3.0 percent in 2023, and further recede to 2.9 percent in 2024. This was a 0.1 percentage point downward revision for 2024 compared to the July 2023 WEO Update forecast. The slowdown is notable for Advanced Economies (AEs), where growth is projected to decline from 2.6 percent in 2022 to 1.5 percent in 2023 and further to 1.4 percent in 2024. Furthermore, growth in Emerging Market and Developing Economies (EMDEs) is expected to moderate from 4.1 percent in 2022 to 4.0 percent in 2023 and remain stable in 2024. In addition, as the impact of tight monetary policy continues taking effect, global inflation is projected to gradually decline from 8.7 percent in 2022 to 6.9 percent in 2023 and 5.8 percent in 2024.

The global financial markets presented a weak picture during the third quarter of 2023 with both equities and bonds performing poorly. Equities generated losses in many AEs, mainly due to high bond yields. Amongst the EMDEs, the South African and Chinese equities posted negative returns, pulled down by mineral resource shares and the weakening Chinese property sector, respectively. The US dollar appreciated during the quarter under review, supported by positive manufacturing, services, and composite data. Prices of metals declined while energy commodities marginally rose during the quarter under review.

According to the recent quarterly GDP release, activity in the domestic economy maintained a positive growth trajectory during the third quarter of 2023, ascribed largely to steady growth in the primary and tertiary industries. In the primary industry, the mining and quarrying sector as well as livestock marketing activities continued to sustain growth. On the contrary, a persistent contraction in the construction sector continued to drag down growth in the secondary industry, aggravated by a large contraction in the diamond cutting and polishing subsector. Both Government and private construction work remained in contractionary territory. In the tertiary industry, growth was buoyed

by firm expansions in wholesale and retail trade, information and communication, the transport and storage as well as tourism sectors.

Namibia's annual inflation slowed both on a quarterly and yearly basis during the third quarter of 2023, predominantly ascribed to a decline in the inflation for transport. Overall inflation declined on a quarterly basis by 1.0 percentage point to an average of 4.9 percent during the third quarter of 2023, compared to 5.9 percent registered in the preceding quarter of the same year. The slowdown in inflation was mainly due to a decline in the inflation for transport as well as food and miscellaneous goods and services during the quarter under review. On a yearly basis, overall inflation slowed by 2.2 percentage points from 7.1 percent registered in the third quarter of 2022. The drop was attributed to notable declines in the inflation for transport as well as furnishings, household equipment and routine maintenance of the house and hotels, cafes and restaurants. Meanwhile, annual inflation for November 2023 stood at 5.7 percent, a decline from 6.0 percent observed during the previous month. Going forward, overall inflation is projected to average 5.9 percent in 2023.

Central Government's budget deficit is set to narrow in 2023/24 compared to the previous fiscal year and further over the Medium-Term Expenditure Framework (MTEF) period, while debt in Government debt continues to be above the SADC benchmark. Central Government deficit for FY2023/24 is estimated to narrow to 4.2 percent of GDP and further to 3.8 percent over the MTEF period. The narrowing of the deficit is ascribed to a higher rise in revenue compared to expenditure. Meanwhile, the level of the deficit was similar to what was registered during the February 2023 budget statement. Total debt as a percentage of GDP stood at 64.8 percent at the end of September 2023 and is anticipated to moderate to 61.7 percent of GDP over the MTEF period.

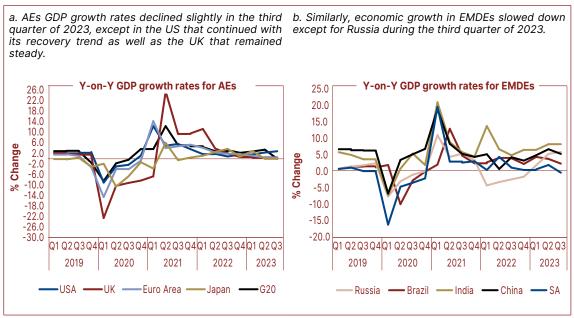
Growth in broad money supply (M2) rose during the third quarter of 2023, driven by a significant increase in net foreign assets (NFA) of the depository corporations, while Private Sector Credit Extension (PSCE) slowed. The annual growth in M2 rose in the third quarter of 2023, driven by an increase in NFA growth of the depository corporations, as a result of an increase in diamond proceeds and government payments. In contrast, the annual growth in PSCE edged lower relative to the same period of 2022, underpinned by a decrease in demand for credit coupled with repayments by businesses. Furthermore, money market interest rates rose in the quarter under review as policy rates remained elevated, alongside high liquidity levels influenced by increased diamond sale proceeds as well as government payments.

With regard to the external sector, the current account balance deteriorated during the third quarter of 2023, owing primarily to a worsening merchandise trade balance and higher net outflows on the services account. The heightened deficit of N\$11.9 billion in the current account was largely due to a significant deficit in the merchandise trade balance, resulting from higher growth in import payments relative to export earnings. The outflows in the services account on the back of heightened payments for technical and trade-related services and operating leases for the ongoing oil and gas exploration contributed to the worsening current account balance. Consequently, the financial account recorded net borrowing from the rest of the world, mainly aided by inflows from foreign direct investment and other investments. The level of international reserves continued to increase and stood at \$53.8 billion at the end of September 2023, mainly due to FDI inflows in the manufacturing sector as well as foreign borrowings by the government in the form of KfW and AfDB loans. The Real Effective Exchange Rate (REER) depreciated on an annual basis driven by South Africa's sluggish economic growth and China's slower economic growth. In addition, the International Investment Position (IIP) registered a net liability position at the end of the third quarter of 2023 due to higher growth in foreign liabilities relative to foreign assets.



#### **GLOBAL ECONOMIC GROWTH**

Figure 1.1 (a-b): Real GDP growth rates in key economies



Source: Trading Economics

Advanced economies growth rates were mixed during the third quarter of 2023, with a notable increase in the US growth rate while the Euro Area, UK and Japan continued to slow down. The US economy expanded by 2.9 percent, year-on-year, in the third quarter of 2023, an improvement from 2.4 percent growth rate recorded in the previous quarter, supported by increases in consumption, residential investments, and government spending (Figure 1.1a). The British economy expanded by 0.6 percent in the third quarter of 2023, the same growth rate recorded in the previous quarter, indicating of weak household spending, weighed down by interest rate increases and strike actions by doctors, teachers and university workers, rail, and airport workers during the quarter under review. On the contrary, growth in the Euro Area economy slowed to 0.1 percent from 0.5 percent recorded in the previous quarter, as the monetary policy tightening continued to dampen economic activity.

The bloc is experiencing a fragile manufacturing sector performance with new orders that continue to weaken, while the strong performance of the services industry is waning as reopening effects from the pandemic fade. The Japanese economy shrank by 0.3 percent in the quarter under review, from no-growth in the previous quarter, amid elevated cost pressure and mounting global economic challenges. Overall global growth in the G20 area slowed to 2.9 percent year-on-year during the third quarter of 2023, pulled down by weaker growth mainly from Agentina, Saudi Arabia, South Africa, Netherlands, Germany, amongst others.

Growth in EMDEs generally faltered in the third quarter of 2023. The Chinese economy's growth rate slowed to 4.9 percent, year-on-year, in the third quarter of 2023, compared to 6.3 percent in the previous quarter, as the impact of a prolonged property crisis and weak trade continue to take their toll on the economy. South Africa's real GDP contracted by 0.7 percent, year-on-year, during the third quarter of 2023, from a 1.6 percent expansion recorded in the previous quarter, chiefly due to a decline in the agriculture, manufacturing and construction sectors that reflected lower field crops, animal and horticulture production, lower food & beverages and petroleum & chemicals production and decreased residential buildings, non-residential buildings and construction works in the country, respectively. On a positive note, the Russian economy expanded by 5.5 percent, year-on-year in the quarter under review compared to 4.9 percent recorded in the prior quarter, chiefly due to rising Russian oil prices and recovering energy revenues which have reduced pressure on the country's budget deficit amid high military spending.

#### **GLOBAL ECONOMIC OUTLOOK**

**Table 1.1 Overview of the Global Economic Outlook** 

Real GDP growth, %	Actual	IMF WEO October-23		Difference from IMF WEO July-23		OECD September-23		
	2022	2023	2024	2023	2024	2023	2024	
World	3.5	3.0	2.9	0.0	-0.1	3.0	2.7	
AEs	2.6	1.5	1.4	0.0	0.0	N/A	N/A	
US	2.1	2.1	1.5	0.3	0.5	2.2	1.3	
Euro Area	3.3	0.7	1.2	-0.2	-0.3	0.6	1.1	
Japan	1.0	2.0	1.0	0.6	0.0	1.8	1.0	
UK	4.1	0.5	0.6	0.1	-0.4	0.3	0.8	
EMDEs	4.1	4.0	4.0	0.0	-0.1	N/A	N/A	
China	3.0	5.0	4.2	-0.2	-0.3	5.1	4.6	
Russia	-2.1	2.2	1.1	0.7	-0.2	0.8	0.9	
India	6.1	5.5	7.7	1.2	1.3	6.3	6.0	
Brazil	2.9	3.1	1.5	1.0	0.3	3.2	1.7	
SSA	4.0	3.3	4.0	-0.2	-0.1	N/A	N/A	
Angola	2.8	3.5	3.7	-0.2	0.2	N/A	N/A	
SA	1.9	0.9	1.8	0.6	0.1	0.6	1.1	
Nigeria	3.3	2.9	3.1	-0.3	0.1	N/A	N/A	

Source: IMF Oct-23 WEO, OECD Sep-23 n/a = not projected by the OECD and IMF

The IMF, October 2023 WEO has projected the global GDP and AEs growth rates to slow down in 2023 and moderate further in 2024. According to the IMF WEO October 2023, the global GDP growth rate is expected to slow from 3.5 percent in 2022 to 3.0 percent in 2023 and further moderate to 2.9 percent in 2024, a slight downward revision of 0.1 percentage point to the 2024 growth rate against the July 2023 WEO (Table 1.1). The expected weaker growth is mainly on the back of high interest rates and long-term consequences of the pandemic. In addition withdrawal of fiscal support along

with high debt, protracted regional conflicts and extreme weather events that will weigh on global economic activity. Among the monitored AEs, the Euro Area, and UK are projected to record slower growth in 2023 relative to 2022 while the US economy's growth rate is expected to remain stable at 2.1 percent in 2023 and that of Japan is expected to pick up. Growth in the Euro Area is expected to be weak in 2023 at 0.7 percent, chiefly due to a projected contraction in Germany, the largest economy in the block. In 2024, the Euro Area growth is projected to recover to 1.2 percent. The UK growth rate is also expected to decline to 0.5 percent in 2023 from 4.1 percent in 2022, mainly due to tight monetary policy and high energy costs that continue to weigh down on the economy. Japan's growth rate is expected to increase to 2.0 percent in 2023 from 1.0 percent in 2022 due to a surge in inbound tourism, accommodative policies and improved auto exports as supply chain constraints continued to ease. For 2024 growth is again expected to slow to 1.0 percent as the past policy stimuli adopted during Covid-19 dissipate.

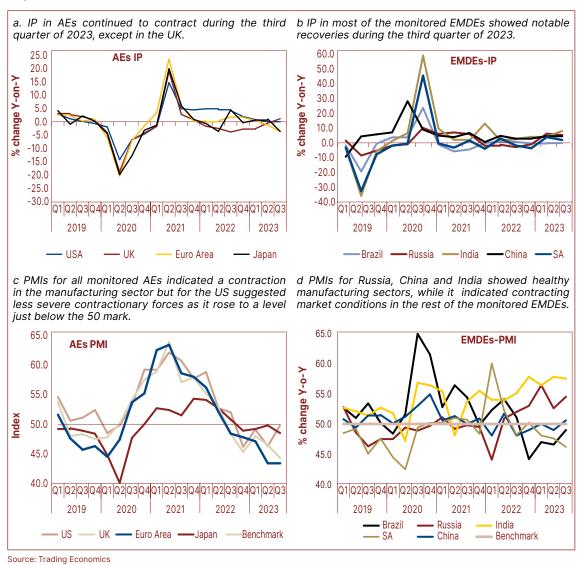
GDP growth in EMDEs as a group is anticipated to slow marginally in 2023 and remain stable in 2024; however, some economies are expected to recover. China's economic growth is projected to rebound to 5.0 percent in 2023, from 3.0 percent in 2022. The economy will slow down to 4.2 percent in 2024 due to lower investment exacerbated by a continuous slowdown in the real estate sector. Similarly, growth in Brazil is also projected to recover to 3.1 percent in 2023 from 2.9 percent in 2022 and decline to 1.5 percent in 2024 due to lower domestic demand. In addition, output growth in Russia's growth is expected to rise to 2.2 percent in 2023 but later moderate to 1.1 percent in 2024, reflecting strong retail trade, construction activities and industrial production in the first half of 2023 supported by large fiscal stimulus. From 6.1 percent in 2022, the Indian economy is expected to grow at a still respectable but somewhat slower pace of 5.5 percent in 2023 due to uncertain effects of El Niño that could result in lower production of rice as well as decreasing pent-up demand, before rebounding again to 7.7 percent growth in 2024 (Table 1.1).

**GDP** growth in Sub-Saharan Africa (SSA) is expected to decline in 2023, before recovering in 2024. The IMF projects the SSA GDP growth to slow to 3.3 percent in 2023 from 4.0 percent in 2022, before it bounces back to 4.0 percent in 2024. The decline in 2023 is on the back of the global slowdown, worsening extreme weather conditions that affect food production and disruptive power shortages in SSA's fourth largest economy, South Africa. GDP growth in South Africa is projected to slow down to 0.9 percent in 2023 from 1.9 percent in 2022, weighed down by an intensification of power outages and a weaker external environment. Furthermore, growth in Nigeria is projected to moderate from 3.3 percent in 2022 to 2.9 percent in 2023, as high inflation continues to weigh down on consumption alongside weaker oil and gas production recorded so far in the current year. Growth is however expected to pick up later to 3.1 percent in 2024. Angola's economy is expected to recover and grow by 3.5 percent in 2023 and 3.7 percent in 2024, from 2.8 percent in 2022, supported by high crude oil prices and an improving non-oil sector.

Downside risks to the outlook remain and are centered around climate and geopolitical shocks, increasing geoeconomic fragmentation, slowing Chinese economy and persistent underlying inflation. The extreme heat waves, drought, the suspension of the Black Sea Grain Initiative, a rise in oil prices and the recent attacks on Ukraine's grain facilities could add more volatility to food prices and could potentially lead to food insecurity. However, the deal between Ukraine, Poland and Lithuania reached in early October 2023 should, to a certain extent, speed up the export of Ukrainian grain from a Lithuanian port and lessen the impact. Furthermore, trade-related tensions also remain a concern, as a proliferation of export restrictions on agricultural products intended to reduce domestic prices complicate the delivery of commodities to global markets with the potential to worsen fluctuations in commodity prices. Medium-term risks to growth and prices are also rising from world economies separating into blocks amid the Ukraine war which will hamper multilateral cooperation. China's expected weak economic growth poses downside risk to the global economy, with negative implications for trading partners. However, the government policy response will determine the extent of the slowdown. Moreover, market pressures could contain the pass-through of labour cost to prices as economic activity continues to slow, which could complicate the monetary policy task in restoring price stability. Prospects are currently further clouded by the Israel-Gaza war. This war will likely affect countries in the Middle East and result in high prices for crude oil if it spreads into a regional conflict.

### PRODUCTION, WORLD TRADE VOLUME AND PURCHASING MANAGERS INDICES

Figure 1.2 (a-d): Industrial Production (IP) and Purchasing Managers Indices (PMIs) in key economies.



Industrial production (IP) performances in the monitored AEs remained weak during the third quarter of 2023 except in the UK where it moderately strengthened. IP in Japan declined by an average of 3.5 percent, year-on-year, in the third quarter of 2023 compared to a 1.0 percent increase in the previous quarter. The decline was on the back of faltering global demand for light oil and chip-making equipments (Figure 1.2a). The US's IP was virtually unchanged in the quarter under review, the same as in the prior quarter, as factory output was unchanged. IP declined further by 4.1 percent in the Euro Area following a 1.3 percent decline in the previous quarter, reflecting a drop in the production of capital goods, durable consumer goods and intermediate goods. On a positive note, the UK's IP growth improved to an average of 1.3 percent from a 0.5 percent decline in the second quarter, supported by increased production output, notably for computer, electronic and

The IP in monitored EMDEs presented a mixed picture during the third quarter of 2023. India's IP rose by an average 7.3 percent in the third quarter of 2023 from 4.4 percent in the previous quarter

optical products, and machinery and equipment.

(Figure 1.2b), driven by manufacturing, mining, and electricity. In China, the IP growth rate amounted to 4.2 percent, lower than the 4.5 percent recorded in the second quarter of 2023, as mining and manufacturing activity continued expanding but at a slower pace. On the contrary, the IP in Brazil was unchanged by 0.3 percent during the quarter under review from a contraction of 0.2 percent in the previous quarter, highlighting the impact of high borrowing costs on the sector. Furthermore, South Africa's IP rose at a contracted by 2.0 percent compared to 3.9 percent recorded in the prior quarter, as output of wood and wood products lost momentum. In Russia, the IP increased by 5.3 percent, slower than the 6.3 percent realised in the previous quarter, partly due to developments in mining output.

**AEs' Manufacturing Purchasing Managers Indices (PMIs)²** remained in contraction territory during the third quarter of 2023. Despite the contraction, the US PMI improved to 49.8 points during the third quarter of 2023, from 46.3 points in the prior quarter (Figure 1.2c), chiefly due to an improvement in the manufacturing output and increased new orders. Furthermore, the UK's PMI dropped to 44.3 points in the third quarter compared to 46.2 points in the preceding quarter. The decline was chiefly due to weak global market conditions, increasing uncertainty, high transportation cost exacerbated by rising energy prices and a volatile foreign exchange market, making it expensive for local firms to export their goods. In the same vein, Japan's PMI contracted to 48.5 points in the third quarter of 2023 from 49.8 points in the previous quarter as factory activity continued to fall due to weak export orders amid lower sales to China. The Euro Area's PMI remained unchanged at 43.4 points in the quarter under review.

EMDEs PMIs presented a mixed picture during the third quarter of 2023 with Brazil and South Africa remaining in contraction territory. Russia's PMI expanded to 54.5 points in the third quarter of 2023, from 52.6 points in the previous quarter, due to fast output growth and increased new orders driven by domestic demand (Figure 1.2d). India's manufacturing sector expanded, amid at a moderate pace, from 57.8 points in the previous quarter to 57.5 points in the quarter under review. The expansionary trend was supported by both demand and output that rose significantly, while firms gained in new business from customers across Asia, Europe and North America, amongst others. China's PMI expanded to 50.6 points from 49.0 points in the previous quarter, primarily due to improved factory output and retail sales growth supported by firmer demand conditions. Brazil's PMI improved to 49.0 points in the quarter under review, from 46.6 points in the previous quarter, but remained in contraction territory, mainly due to shrinking new factory orders and slightly lower production levels. More disconcerting, South Africa's PMI contracted to 46.2 points from 47.6 points in the preceding guarter due to declining factory activity exacerbated by rolling power blackouts as well as weak domestic and external demand. On supply-side of SA's manufacturing sector, firms noted delays at domestic ports, notably in Durban, input shortages as well as slowdowns related increasing prices of fuel.

<sup>2</sup> The PMI is a weighted average of the five global indices: new orders (30%), output (25%), employment (20%), suppliers' delivery times (15%) and stocks of purchases (10%). The indices vary between 0 and 100, with a reading above 50 indicating an overall increase compared to the previous month, and below 50 an overall decrease.

#### INFLATION DEVELOPMENTS

Table 1.2: Annual inflation rates for selected economies – quarterly averages, percent

Economy		20	21		2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
AEs												
US	1.9	4.9	5.4	6.7	8.0	8.7	8.3	7.1	5.8	4.0	3.5	
UK	0.6	2.0	2.8	4.9	6.2	9.2	10.0	10.8	10.2	8.4	6.7	
Euro Area	1.0	1.8	2.9	4.7	6.1	8.0	9.3	10.0	8.0	6.2	4.9	
Japan	-0.4	-0.3	-0.2	0.5	0.9	2.5	2.9	3.8	3.6	3.3	3.2	
EMDEs												
Brazil	5.3	7.7	9.6	10.5	10.7	11.9	8.9	6.1	5.3	3.8	4.6	
Russia	5.5	6.0	6.8	8.3	11.5	16.9	14.4	12.2	8.8	2.7	5.2	
India	4.9	5.6	5.4	5.0	6.3	7.3	7.0	6.1	6.2	4.6	6.4	
China	0.0	1.1	0.8	1.8	1.1	2.2	2.7	1.8	1.3	0.1	-0.1	
SA	3.1	4.8	4.8	5.5	5.8	6.6	7.6	7.4	7.0	6.2	5.0	

Source: Trading Economics

Inflation rates continued to decline in most of the monitored AEs in the third quarter of 2023, as the impact of tight monetary policy was taking effect. The inflation rate in the US declined to 3.5 percent in the third quarter, chiefly due to lower cost of energy (Table 1.2). In addition, the annual inflation rate in the Euro Area declined to 4.9 percent, led by falling costs for energy and food. Similarly, the annual inflation rate in the UK declined to 6.7 percent in the quarter under review from 8.4 percent in the previous quarter, chiefly due to a drop in hotel prices and air fares. Inflation in Japan declined to 3.2 percent in the reviewed quarter.

Inflation rates in most of the monitored EMDEs rose slightly during the third quarter of 2023 except in South Africa and China that recorded declining inflation and deflation, respectively. The annual inflation rate in Russia increased to 5.2 percent in the third quarter of 2023 from 2.7 percent in the prior quarter (Table 1.2). The increase was mainly attributed to the, labour shortages, strong consumer demand and the ruble depreciation as well as higher gasoline prices. Furthermore, the annual inflation rate in Brazil rose to 4.6 percent, mainly due to higher fuel and ethanol costs. Furthermore, India's annual inflation increased to an average of 6.4 percent, from 4.2 percent in the second quarter of 2023, chiefly due to a rise in the prices of vegetables exacerbated by uneven rainfall. On the contrary, the Chinese economy experienced deflationary pressure, averaging 0.1 percent in the quarter under review, largely due to a weak domestic demand recovery. In South Africa the annual inflation rate declined to 5.0 percent from 6.2 percent in the second quarter of 2023, mainly due to decreasing cost of bread and cereals, maize and meat produce.

#### MONETARY POLICY DEVELOPMENTS

**Table 1.3: Latest Monetary Policy and Inflation Rates** 

Country or grouping	Policy rate name	Policy rate 30-Jun-23 (%)	Policy rate change during Q323 (% points)	Policy rate 30-Sept- 23(%)	Policy rate after latest policy meeting (%)	Latest inflation rate (%)	Latest real interest rate (%)
			AEs				
US	Federal funds rate	5.00-5.25	0.25	5.25-5.5	5.25-5.50	3.1	2.4
UK	Bank rate	5.00	0.25	5.25	5.25	4.6	0.7
Euro Area	Refinancing rate	4.00	0.50	4.50	4.50	2.4	2.1
Japan	Call rate	-0.10	0.00	-0.10	-0.10	3.3	-3.4
			EMDEs				
Brazil	Selic rate	13.75	-1.00	12.75	11.75	4.8	7.1
Russia	Key rate	7.50	5.50	13.00	15.00	7.5	7.5
India	Repo rate	6.50	0.00	6.50	6.50	5.6	1.0
China	Lending rate	3.55	-0.10	3.45	3.45	-0.5	4.0
SA	Repo rate	8.25	0.00	8.25	8.25	5.5	2.8

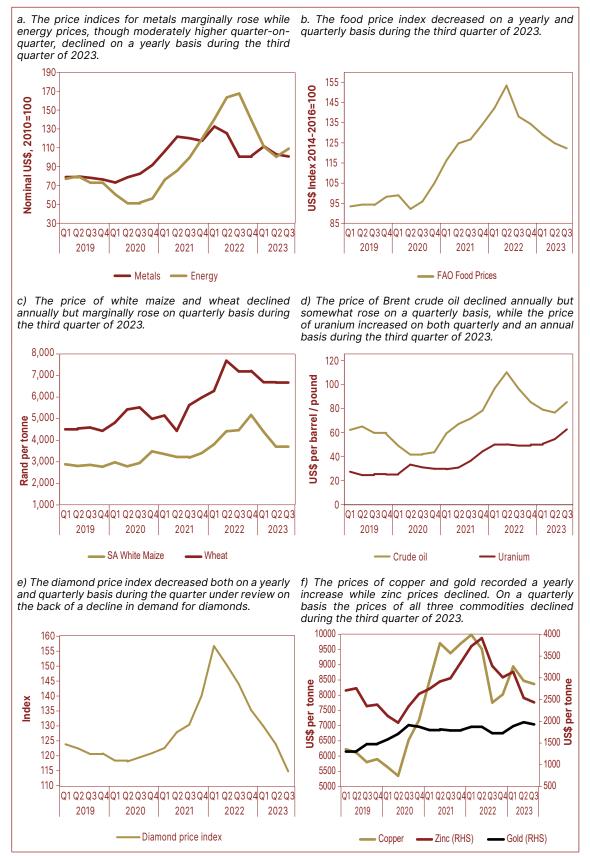
Source: Trading Economics

The interest rate hiking trend continued in most of the monitored AEs in the third quarter of 2023, except for Japan, where the call rate remained unchanged. The US Federal Open Market Committee (FOMC) raised the federal funds rate by 25 basis points during the quarter under review to a range of 5.25-5.50 percent to be in line with market expectation and bring down the borrowing cost to the highest level since January 2001 (Table 1.3). Similarly, the Bank of England (BoE) raised its key interest rate by 25 basis points to 5.25 percent during the quarter under review to address high inflation. Furthermore, the European Central Bank (ECB) increased its policy interest rates by 50 basis points during the third quarter of 2023 to combat inflation due to an elevated path for energy prices. On the other hand, the Bank of Japan (BoJ) left its call rate unchanged at -0.10 percent and the 10-year bond yield at around 0.0 percent.

There have been divergent approaches to monetary policy in the EMDEs, where some central banks maintained their interest rates while others raised or reduced them. The central bank of Russia raised its key interest rate by 550 basis points to 13.00 percent during the quarter under review, due to the appearance of inflation risks and a weakening ruble (Table 1.3). On the contrary, the central bank of Brazil slashed its policy interest rate by 100 basis points to 12.75 percent. It further cut its Selic rate by 100 basis points to 11.75 percent in both November and December 2023. The People's Bank of China (PBoC) slashed its key lending rates by 10 basis points to 3.45 percent during quarter three of 2023 to reinforce its economy against the worsening property slump and weak consumer spending. On the contrary, the central banks of South Africa and India maintained their policy interest rates at 8.25 percent and 6.25 percent, respectively, during the third quarter of 2023.

### COMMODITY, EQUITY, CURRENCY AND BOND MARKETS

#### Figure 1.3 (a-f): Selected commodity prices and price indices



#### COMMODITY MARKET DEVELOPMENTS

#### **METALS, ENERGY, AND FOOD PRICE INDICES**

The price indices for metals declined on a quarterly basis but rose somewhat on a yearly basis while energy prices rose on a quarterly but declined on a yearly basis during the third quarter of 2023. The World Bank energy price index recorded a quarterly increase of 8.6 percent and a yearly decline of 34.9 percent, to 109.10 index points (Figure 1.3a). The quarterly increase was supported by the rising European natural gas prices partly due to labour strikes at the Australian liquefied natural gas (LNG) facilities. The World Bank metal price index declined on a quarterly basis by 2.2 percent and rose by 0.2 percent on an annual basis. The quarterly decline was on the back of continued weakness in China's heavy industry sector and housing construction as well as high interest rates which have weighed on construction and investment, resulting in weaker demand metals for amid plentiful supply. Nevertheless, there was resilient demand in the manufacturing of metals-intensive renewable energy products.

The food price index decreased on a yearly and quarterly basis during the third quarter of 2023. The Food and Agriculture (FAO) Food Price Index (denominated in US dollar) averaged 122.29 points in the third quarter of 2023, lower than the 124.83 points recorded in the preceding quarter (Figure 1.3b). The quarterly and yearly decline was observed in the cost of cereals, notably in grain and wheat, reinforced by an increase in seasonal supplies from harvests in Argentina, Brazil and Northern Hemisphere countries and ample supplies in the Russian Federation. The decline was also on the back of a fall in prices of vegetable oil products, notably palm, sunflower, soy and rapeseed oil, amongst others, driven by elevated seasonal production as well as abundant export supplies globally. Moreover, the Euro's relative weakness against the US dollar also weighed on international dairy prices.

The price of white maize and wheat in South Africa rose on a quarterly basis but declined on yearly basis during the third quarter of 2023. The price of white maize rose by 0.7 percent on a quarterly basis to average R3,715 per tonne and declined by 16.5 percent annually during the third quarter of 2023 (Figure 1.3c). The yearly decline was mainly a result of strong production. Wheat prices were nearly unchanged on a quarterly basis, rising marginally by 0.1 percent. The yearly decline of 7.1 percent was on account of promising supply developments during the third quarter following the announcement by Ukraine that a "humanitarian corridor" in the Black Sea will be used to release cargo ships that have been trapped in its ports since the outbreak of war in February 2022.

The price of Brent crude oil declined annually but rose on a quarterly basis during the third quarter of 2023, while uranium prices rose marginally on both quarterly and annual basis. The price of Brent crude oil rose by 11.3 percent on quarterly basis and declined by 11.5 percent on an annual basis to an average of US\$85.31 per barrel in the third quarter of 2023 (Figure 1.3d). The yearly decline was mainly attributed to a fall in global demand exacerbated by currency effects. Furthermore, higher-than-expected near-term inventories, moderately lower global demand and modestly higher non-OPEC supply also exerted downward pressure on prices. The price of uranium rose by 14.9 percent and 27.5 percent, on a quarterly and annual basis, respectively, to \$62.63 per pound during the third quarter of 2023, chiefly due to high demand for carbon-neutral nuclear energy.

#### INDUSTRIAL AND PRECIOUS METALS AND MINERALS

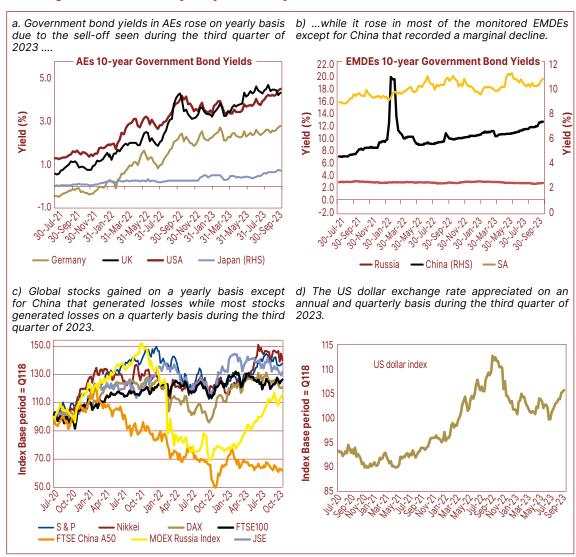
The diamond price index declined on a yearly and quarterly basis in the third quarter of 2023. The International Diamond Exchange (IDEX) diamond index averaged 114.8 points, representing a decline of 7.3 percent and 20.3 percent, on a quarterly and yearly basis, respectively (Figure 1.3e). This was due to the continued fall in prices of rough diamonds because of the lower demand for polished diamonds exacerbated by weak US retail demand. Investors have been cautious regarding the purchase of diamonds while observing what the FOMC will do with respect to policy interest rates. Furthermore, the rising supply of lab-grown diamonds, as a substitute for natural diamonds, was also a factor that pushed natural diamond prices lower. The general decline in demand for diamonds could also be attributed to consumers shifting luxury spending from jewellery to travel.

The price of copper declined on a quarterly basis but rose on a yearly basis, while the price of zinc recorded both a quarterly and a yearly decline during the third quarter of 2023. The average price for copper increased by 7.9 percent on a yearly basis and fell by 1.3 percent on quarterly basis to average U\$8,368 per metric tonne during the third quarter of 2023 (Figure 1.3f). The quarterly decline was on the back of a slowdown in China's real estate sector. In addition, zinc price recorded yearly and quarterly declines of 25.6 percent and 4.1 percent, respectively, to average U\$\$2,436 per metric tonne, due to weaker global demand and high supply.

The price of gold increased on an annual basis and declined on a quarterly basis during the third quarter of 2023 supported by safe-haven demand. Gold price fell by 2.5 percent on a quarterly basis and rose by 11.7 percent on an annual basis to average at US\$1,929 per ounce in the third quarter of 2023 (Figure 1.3f). The yearly increase was attributed to the escalation in geopolitical uncertainty related to the war in Ukraine and persistent inflation. The quarterly decline was on the back of the strong US dollar and higher bond yields. In October 2023, gold price increased slightly to an average of US\$1,916 per ounce, mainly on the back of safe-haven demand driven by geopolitical tensions in Israel.

### STOCK, BONDS AND CURRENCY MARKETS

Figure 1.4 (a-d): Stock price indices (end-of-quarter levels), quarterly average exchange rates and weekly 10-year bond yields.



Source: Investing.com

#### **GOVERNMENT BOND MARKET DEVELOPMENTS**

Global government bond yields rose in most of the monitored economies as the bond market experienced a sell-off backed by expectations that the Fed will maintain restrictive interest rates for an extended period. The US 10-year government bond yield increased to 4.2 percent from 3.6 percent during the third quarter of 2023 (Figure 1.4a). Similarly, the UK's 10-year bond yields increased to 4.5 percent from 4.0 percent in the prior quarter. Similarly, yields on German's 10-year government bond rose to 2.6 percent from 2.4 percent in the previous quarter. The same trend was observed in the 10-year Japanese bonds, chiefly due to the decision by the BoJ to adjust its yield curve control policy. Amongst the EMDEs, South African bond yields declined by about 20 basis points, as inflation slowed (Figure 1.4b). Russian bond yields rose slightly to 11.1 percent from 10.8 percent in the previous quarter due to weak foreign inflow which increased fiscal risks to the Federal government. Moreover, the country's heavy reliance on bond issuance to finance its deficit pushed up yields. In contrast, Chinese bond yields decreased marginally during the period under review.

#### GLOBAL STOCK MARKET DEVELOPMENTS

Most global stocks recorded losses on a quarterly basis in the third quarter of 2023, due to high interest rates and an uncertain outlook for the global economy, while they rose on a yearly basis. During the quarter under review most stock markets dipped lower from the second quarter of 2023. Performance was somewhat positive during July 2023, while August 2023 and September 2023 generated losses. The S&P recorded a yearly gain of 21.1 percent but a quarterly loss of 2.0 percent to end the quarter at 4,343 index points. The decline was on the back of soaring treasury yields and various economic and geopolitical issues which caused concern among Americans as it may impact the performance of many mutual funds that benchmark against the indices (Figure 1.4c). Germany's stock index, the DAX, recorded a yearly gain of 27.7 percent but a quarterly loss of 1.5 percent to end quarter three of 2023 at 15,496 index points. Japan's Nikkei gained 26.0 percent and 0.1 percent on a yearly and quarterly basis, respectively, to end the third quarter at 32,679 points. In the same vein, the UK's Financial Times Stock Exchange Group (FTSE) 100 recorded quarterly and yearly gains of 2.5 percent and 10.8 percent, respectively. Amongst the EMDE stocks, China's A50 and South Africa Johannesburg Stock Exchange (JSE) declined on a quarterly basis, pulled down by weak industrial performances and other economic factors.

#### **CURRENCY MARKET DEVELOPMENTS**

The US dollar appreciated against a basket of six currencies during the third quarter of 2023. The US dollar marginally appreciated quarterly by 0.6 percent and depreciated on a yearly basis by 4.6 percent (Figure 1.4d), as a variety of economic data highlighted the strength of the US economy relative to other major economies, notably the European Union and United Kingdom. In addition, the US manufacturing PMI data for the quarter under review indicated an improvement in the manufacturing sector, exerting an element of upward pressure on the US Dollar.

### OVERALL ASSESSMENT OF THE GLOBAL ECONOMY

The global economy continued to recover slowly from the impact of the pandemic and the Russia-Ukraine conflict but still faces other downside risks. The US economy continued to show resilience, as reflected in strong household spending. China's economic performance was also strong but weaker than the pre-pandemic levels, while the Euro Area growth remained quite weak. The somewhat weaker economic recovery in China has an impact on the demand for Namibian commodities and export revenue. Furthermore, the outbreak of avian flu and the Western Cape flood in South Africa could add additional volatility on the Namibian commodity prices due to lower field crops and production of chicken related products. Going forward, the IMF projects global growth to slow down from 3.5 percent in 2022 to 3.0 percent in 2023 and further to 2.9 percent in 2024. The latter is a downward

revision of 0.1 percentage point against the July 2023 WEO projection, as monetary policy affect the economic activity. The continuous worsening food security situation in EMDEs could result in a reduction of GDP growth going forward. The current trend shows that global supply disruptions and most logistical challenges continued to ease, which is a benefit for global inflation and inflation expectations as well as future economic growth. Furthermore, rising interest rates in the US could increase the debt service expenses and impact the fiscal metrics of countries that have borrowings in US Dollar. Port congestion in Durban may present opportunities for Walvis Bay port to expand its role as a regional logistics hub. The Israel-Hamas war has intensified uncertainty on an already gloomy global economy, and to the Middle East specifically through trade and tourism channels. Oil importing countries, such as Namibia, could be impacted by high oil prices thus increasing the cost of living.

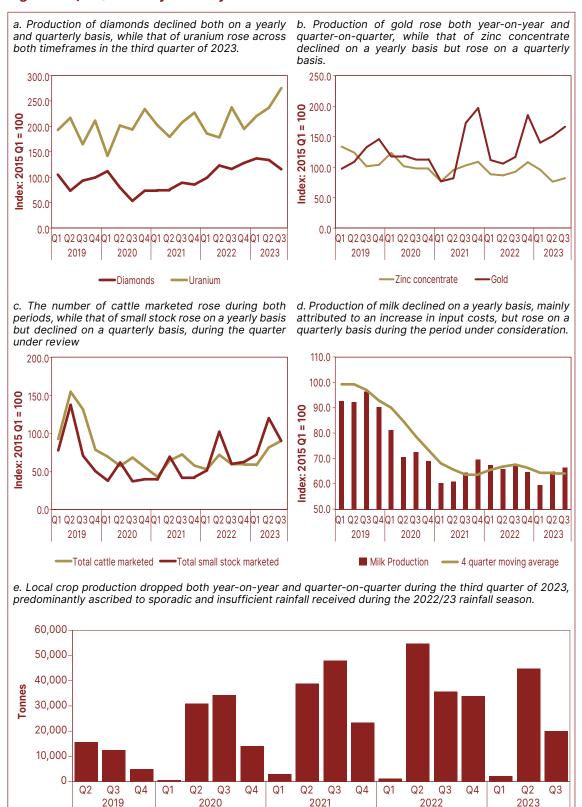


#### REAL SECTOR DEVELOPMENTS

The recently released Quarterly GDP revealed that activity in the domestic economy not only maintained its positive growth momentum, but accelerated markedly during the third quarter of 2023, propelled by a strong expansion in the primary industry, further supported by growth in the tertiary industry. On a yearly basis, the economy posted a substantial growth rate of 7.2 percent during the third quarter of 2023, when compared to growth of 5.5 percent in the preceding quarter and 5.4 percent registered in the corresponding quarter of 2022. Within the primary industry, an exceptionally strong rise in output was registered in the mining sector, attributable largely to continued oil exploration activity, supported by solid production of uranium and gold, despite a decline in diamond and zinc concentrate production. Agricultural activity also performed well, particularly in the sphere of cattle and small stock marketed, whereas crop production declined markedly. Activity in the secondary industry was mixed, with weak performances in some key manufacturing subsectors such as beer and diamond cutting and polishing, but subsectors including cement and soft drinks registered increased growth rates. In addition, construction activity that had registered a notable improvement in the first quarter, contracted in the second and third quarters, as both Government and private construction work performed dismally. However, electricity generation rose over the same period. In the tertiary industry, activity in the wholesale and retail trade as well as tourism and communication remained strong during the quarter under review. The real turnover in the wholesale and retail trade sector rose markedly, suggesting sustained consumer demand during the period under review. The tourism sector continued to regain lost ground, as reflected in increased tourist arrivals, reflecting the increased travel appetite among consumers, alongside an upscaling in the number of flights to Namibia. Similarly, the overall activity in the transport sector increased, led by road cargo, notwithstanding a decline in rail cargo volumes.

#### **PRIMARY INDUSTRY**

#### Figure 2.1 (a-e): Primary Industry<sup>3</sup>



Source: Various companies and industry bodies

<sup>3</sup> The indices represented in the charts of the Primary industry section are all volume indices.

#### **DIAMONDS**

Production of diamonds decreased both year-on-year and quarter-on-quarter during the third quarter of 2023, ascribed to fewer carats mined both onshore and offshore. Diamond production declined on a yearly basis by 0.5 percent to 533 938 carats during the third quarter of 2023 (Figure 2.1a). The decline was due to fewer carats mined both at the land and marine operations, owing to unfavourable prices resulting from weak demand. Similarly, on a quarterly basis, the production of diamonds declined by 13.6 percent from 617 780 carats mined in the previous quarter. This was reflected in carats produced both onshore and offshore, but the slowdown in production was more pronounced in the sea operations.

#### **URANIUM**

Uranium production continued to rise both year-on-year and quarter-on-quarter during the quarter under review, primarily on the back of high-grade ore mined. Uranium production increased both on a yearly and quarterly basis by 16.0 percent and 16.2 percent, respectively, to 2 286 tonnes during the quarter under consideration (Figure 2.1a). The rise was predominantly ascribed to high grade ore mined and a recovery in water supply following challenges that were experienced a year earlier. The international spot prices of uranium reached levels not observed since the first quarter of 2011, soaring both year-on-year and quarter-on-quarter by 27.5 percent and 14.9 percent, respectively, to average US\$62.63 over the same period. The increase was attributed to an increase in global demand for cleaner energy amid mounting fears over climate change. Moreover, tight uranium supply emanating from Cameco's, one of the world's largest uranium producers decision, to cut uranium production for 2023, has equally contributed to the rise in the price of uranium.

#### GOLD

Gold production surged both on a yearly and quarterly basis during the third quarter of 2023, mainly driven by high grade ore mined at both mines. The production of gold rose both year-on-year and quarter-on-quarter by 42.1 percent and 10.0 percent, respectively, to 2 235 kg (Figure 2.1b). The robust production was attributed to high grade ore mined from the open pit as well as the partial completion of part of the underground mining area at one of the mines during the quarter under review. Meanwhile, international gold prices increased year-on-year by 11.7 percent but declined quarter-on-quarter by 2.5 percent to average US\$1 929 per ounce during the third quarter of 2023. The yearly increase was primarily due to investors turning to gold as a safe haven asset given the volatile macroeconomic environment. The modest quarterly decline in gold prices was ascribed to the appreciation of the US Dollar, higher levels of interest rates and moderating inflation, all of which made gold less attractive.

#### ZINC CONCENTRATE

The production of zinc concentrate declined on a yearly basis but picked up on a quarterly basis during the quarter under review. Zinc concentrate production decreased year-on-year by 11.3 percent to 17 834 tonnes during the quarter under review. The slowdown in production stemmed from lower-grade ore mined owing to a reduction in the mineral content in the ore body at the mining area, coupled with unfavourable zinc prices. However, on a quarterly basis, production increased by 7.4 percent, ascribed to more ore mined during the third quarter of 2023. Meanwhile, the international zinc price declined both on a yearly and quarterly basis by 25.6 percent and 4.1 percent, respectively, averaging US\$2 436 per metric tonne. Zinc prices were dragged down by weak demand from China partly as a result of the property crisis, as well as the ongoing concern regarding global economic performance.

#### **AGRICULTURE**

The number of cattle marketed rose both on a yearly and quarterly basis during the quarter under review, primarily due to drought-induced supply. The total number of cattle marketed rose significantly year-on-year by 52.0 percent to 91 155 heads during the third quarter of 2023 (Figure 2.1c). The rise was prominent in the number of cattle slaughtered for exports and live weaners exported, which soared by 111.3 percent and 44.6 percent, respectively, to 34 399 heads and 51 690 heads. This was largely due to drought-induced marketing, coupled with favourable producer

prices offered by export abattoirs which provided an incentive for farmers to market more animals. Meanwhile, the number of cattle slaughtered for local consumption declined by 36.0 percent to 5 066 heads, owing to relatively better producer prices offered by export abattoirs. Likewise, quarter-on-quarter, the number of cattle marketed increased by 10.8 percent compared to the previous quarter. The rise was reflected in the number of live weaners exported, which increased by 40.5 percent from 36 782 heads. The rise was ascribed to continuous efforts by farmers to reduce stock in fear of the drought as well as increased demand for live weaners in the South African market. When seasonally adjusted, cattle marketing activity pointed to a quarter-on-quarter rise of 7.2 percent during the quarter under review. Beef producer prices increased both yearly and quarterly by 2.6 percent and 0.7 percent, respectively, to N\$60.47 per kilogram during the quarter under review. This was ascribed to a decline in the number of cattle slaughtered at local abattoirs due to attractive producer prices offered by export abattoirs. On the contrary, weaner prices declined on a yearly basis by 31.4 percent, mainly linked to stiff competition from Botswana and base effects emanating from the 21-day ban that was imposed during the third quarter of 2022. However, weaner prices rose on a quarterly basis by 3.6 percent to N\$25.86 per kilogram.

The number of small stock marketed4 increased year-on-year but declined quarter-on-quarter during the third quarter of 2023, as reflected in the categories of small stock slaughtered for exports and live exports. The number of small stock marketed drastically rose on a yearly basis by 51.5 percent to 238 268 heads during the quarter under review (Figure 2.1c). The yearly increase was observed in the number of live small stock exported as well as that of sheep slaughtered for export, which rose by 60.2 percent and 186.1 percent, respectively, to 195 437 heads and 16 920 heads. The rise was ascribed to an increase in the national herd size owing to adequate rainfall received in the previous rainfall season. The increase in small stock marketed was also influenced by drought-related marketing which propelled marketing of small stock during the quarter under review, alongside the resumption of marketing activities at one of the abattoir in the south Market. However, the number of small stock slaughtered for local consumption declined annually by 11.9 percent to 25 911 heads during the quarter under review. This was attributed to better prices offered by export abattoirs, which provided an incentive for farmers to market more at export abattoirs and less at local abattoirs. On a quarterly basis, the number of small stock marketed dropped by 24.9 percent from 317 209 heads, reflected across all categories of small stock marketing. The decline was attributed to the temporary shutdown of one of the abattoirs in the south due to maintenance. The seasonally adjusted small stock marketing series registered a high quarter-on-quarter growth of 29.3 percent. Sheep prices declined both year-on-year and quarter-on-quarter by 14.9 percent and 2.1 percent to average N\$52.05 per kilogram during the quarter under review, owing to increased supply.

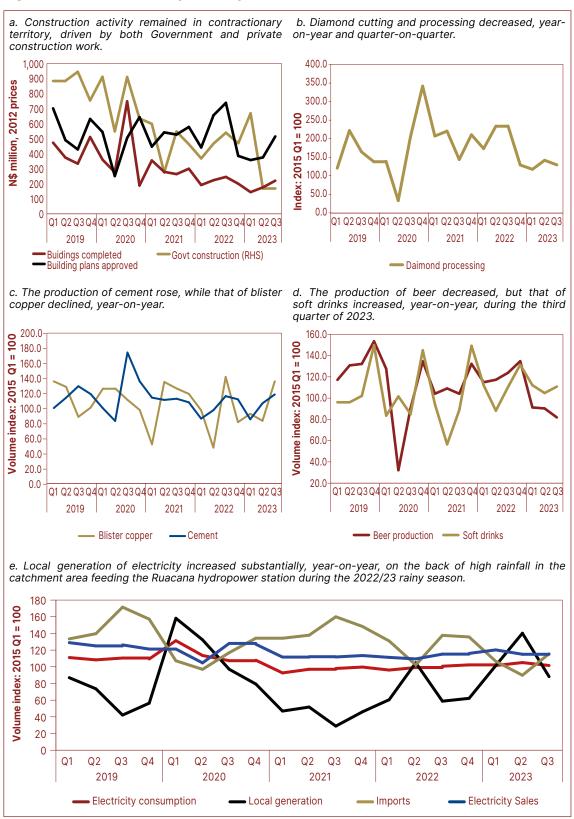
Production of milk declined on a yearly basis during the quarter under review mainly attributed to an increase in the cost of animal feed, but milk output rose on a quarterly basis. Milk production decreased year-on-year by 0.2 percent to 4.0 million litres during the third quarter of 2023. The decline was partly owing to stiff competition from cheaper imports. In addition, the industry continued to receive headwinds from a shortage of spent grain, which is used as feed input, and from a substantial increase in the price of lucerne during the quarter under review. Conversely, quarter-on-quarter, milk production rose by 2.1 percent from 3.9 million litres produced in the previous quarter.

Local production of crops dwindled both year-on-year and quarter-on-quarter during the third quarter of 2023, largely ascribed to insufficient rainfall received during the 2022/23 crop season. Local crop production significantly dropped by 44.0 percent to 19 940 tonnes during the quarter under review, compared to the corresponding quarter of 2022. The decline was driven by poor production observed across all monitored crop types, namely white maize, wheat and pearl millet. The aforementioned crops declined by 42.4 percent, 100.0 percent and 69.2 percent, respectively, to 19 343 tonnes, 0 tonnes and 597 tonnes during the quarter under review compared to the corresponding quarter of 2022. This was attributed to insufficient and sporadic rainfall received during the 2022/23 rainfall season. As such, grain imports increased by 34.1 percent during the quarter under consideration in order to complement the low level of crop production to cater for domestic demand. On a quarterly basis, local crop production drastically declined by 55.4 percent from 44 746 tonnes produced in the prior quarter.

<sup>4</sup> The marketing activity for small stock mainly refers to sheep and goats.

#### SECONDARY INDUSTRY DEVELOPMENTS

Figure 2.2 (a-e): Secondary Industry



Source: Municipalities, MoF and various companies

#### **CONSTRUCTION5**

Activity in the construction sector declined, year-on-year, during the third quarter of 2023. Government expenses earmarked for public construction work programmes contracted substantially in real terms by 56.8 percent year-on-year, while rising by 38.3 percent, quarter-on-quarter. The decline stemmed largely from slow execution of the Government construction project, particularly the capital projects that were highlighted in the 2023/24 fiscal budget and in the 2023/24 mid-year budget, in addition to fiscal consolidation commitment. Similarly, the real value of buildings completed remained weak, declining by 10.2 percent, year-on-year, while it increased by 25.3 percent quarter-on-quarter over the same period (Figure 2.2a). This was, in part, reflected in the decline in the new residential and commercial buildings completed in most towns.

The real value of building plans approved decreased during the quarter under review. The real value of building plans approved, a leading indicator for future construction activity, decreased by 30.3 percent year-on-year, while rising by 37.2 percent quarter-on-quarter during the third quarter of 2023. Being a leading indicator for future construction activity, the decline in this variable does not signify good prospect for the construction sector's outlook.

#### **MANUFACTURING**

Key production indicators in the manufacturing sector showed mixed performances, year-on-year, during the third quarter of 2023. Improvements were observed in the production of prominent manufactured products, such as cement (Figure 2.2c) and soft drinks (Figure 2.2d), which rose by 1.9 percent and 0.3 percent, respectively. The increase in soft drinks production was mainly attributed to steadily improving demand, as the economic activity is gradually moving beyond the effects of the pandemic. In the meantime, the production of blister copper, beer and diamond processing experienced declines of 66.4 percent, 34.0 percent and 44.7 percent, respectively. The decline in the production of blister copper and beer were largely due to operational challenges, while the decrease in diamond processing was mainly due to dwindling consumer demand for diamonds, in key markets globally.

On a quarterly basis, the production of all selected products, except polished diamonds, increased during the third quarter of 2023. The production of cement and soft drinks increased by 11.0 percent and 5.8 percent quarter-on-quarter, respectively. The production of cut and polished diamonds, blister copper and beer, however, decreased by 8.7 percent, 43.1 percent and 9.4 percent, respectively, over the same period. The seasonally adjusted throughput for soft drinks, beer and cement decreased by 7.8 percent, 4.8 percent and 10.2 percent, respectively, while that of blister copper increased by 48.7 percent, quarter-on-quarter.

#### **ELECTRICITY GENERATION AND SALES**

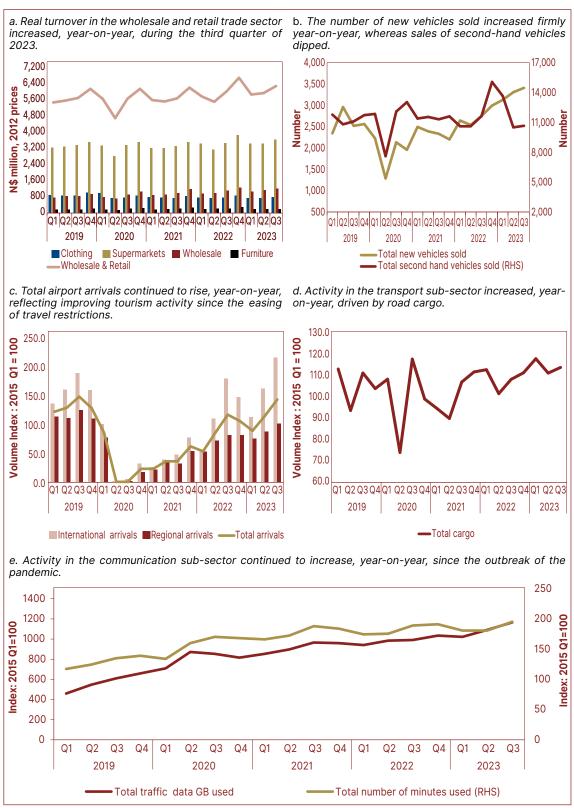
Local generation of electricity rose substantially, year-on-year, largely due to higher water inflow into the Ruacana hydro-power plant. The local generation of electricity increased by 50.1 percent, year-on-year, during the third quarter of 2023 (Figure 2.2e). The year-on-year increase was partly due to improved water inflow into the Ruacana hydro-power plant, resulting in a decline in imports of electricity by 15.9 percent on a yearly basis. The units of electricity consumed increased, year-on-year, by 4.1 percent during the third quarter of 2023, mirroring continued increased demand, mainly from the mining sector. On a quarterly basis, the local generation of electricity decreased by 37.1 percent during the third quarter of 2023. The seasonally adjusted series, however, registered a substantially lower increase margin of 10.1 percent.

<sup>5</sup> The construction data was deflated using the Namibia Consumer Price Index (NCPI) (Dec.2012 = 100).

<sup>6</sup> The rainfall referred to here was mostly received in the Southern Angola; and should not be confused with the drought and related analysis made in this document, especially on agriculture sector activity.

#### TERTIARY INDUSTRY DEVELOPMENTS

Figure 2.3 (a-e): Tertiary industry



Source: Various companies

#### WHOLESALE AND RETAIL TRADE7

The real turnover for the wholesale and retail trade sector increased, year-on-year, during the third quarter of 2023. The real turnover for the wholesale and retail trade sector increased by 4.4 percent year-on-year during the third quarter of 2023, compared to a higher growth rate of 7.9 percent registered during the corresponding quarter of 2022 (Figure 2.3a). The rise in the turnover for wholesale and retail trade sector was mainly sustained by the increase in wholesale and supermarket trade that registered a marked increase during the quarter under review. The number of new vehicles sold increased substantially, year-on-year, by 24.1 percent (Figure 2.3b), as reflected in both passenger and commercial vehicles, which displayed substantial increases. The increase in the number of new vehicles was partly driven by the car-rental industry, in response to improving tourism activity during the period under review, supported by a partial Government vehicle-fleet replacement that became effective during the period under review. The sales of second-hand vehicles, however, decreased by 8.2 percent, year-on-year. Quarter-on-quarter, the real turnover for the wholesale and retail trade sector also increased by 5.8 percent during the third quarter of 2023, following a lower increase of 1.3 percent in the preceding quarter. The increase was more pronounced in vehicles and wholesale trade. The seasonally adjusted real turnover for the wholesale and retail trade sector, however, decreased by the same magnitude over the same period.

#### **TOURISM**

Tourism activity, as proxied by the total airport passenger arrivals, recorded a substantial increase, year-on-year. The total tourist arrivals rose, year-on-year, by 22.5 percent to a headcount of 131 171 during the third quarter of 2023 compared to the same quarter of 2022. The recovery was a reflection of the increased growth appetite in the sector since the removal of all travel restrictions. The yearly increase in the airport passenger arrivals was reflected in both international and regional arrivals, though total arrivals were still less than the pre-pandemic level, this time by a mere 3.4 percent compared to the third quarter of 2019 (representing the pre-pandemic period). It stood at 12.2 percent less during the preceding quarter, suggesting that the number of airport passenger arrivals is on its way to surpass the pre-pandemic level in the near future. Year-on-year, the number of international arrivals increased by 20.4 percent from 59 783 recorded during the third quarter of 2022 (Figure 2.3c). Regional arrivals also increased by 25.2 percent from 47 283 during the third quarter of 2022. Quarter-on-quarter, the total number of tourist arrivals increased by 19.2 percent from 105 307 recorded during the preceding quarter of 2023. The seasonally adjusted series remained elevated, recording an increase of 17.1 percent.

#### **TRANSPORT**

Activity in the transport sector increased during the third quarter of 2023, driven by road and sea cargo volumes. The total cargo volume transported increased by 5.2 percent, year-on-year, to 4.7 million metric tonnes (Figure 2.3d). The increase in the total cargo volume was largely driven by road cargo that rose by 9.1 percent, supported by sea cargo that rose by 4.0 percent. The increases in road and sea cargo were driven by the imports of industrial and consumer goods, as well as the exports of live animals and manganese, as economic activity continued to normalise from the effect of the pandemic. The rail cargo, however, decreased by 13.7 percent, year-on-year, over the same period. The decline in the rail cargo was largely due to the poor state of the railway line, which has been disrupting transportation activity. Quarter-on-quarter, the total cargo volume transported increased by 2.4 percent during the third quarter of 2023. The seasonally adjusted data, however, decreased by 4.0 percent.

#### COMMUNICATION

Activity in the communication sub-sector increased year-on-year during the third quarter of 2023. The activity in the communication sub-sector, proxied by minutes used and internet data traffic used increased during the third quarter of 2023. Both the total number of minutes used and total internet traffic data gigabytes (GB) used increased, year-on-year, by 3.1 percent and 17.6 percent, respectively (Figure 2.3e). The increase in these activities were largely on the back of increased demand for internet data. Likewise, on a quarterly basis, the total minutes used and total internet data traffic used increased by 7.9 percent and 7.2 percent, respectively.

<sup>7</sup> The turnover data at current prices are deflated by Namibia Consumer Price Index (NCPI) (Dec.2012 = 100).

#### OTHER ECONOMIC INDICATORS

#### **FUEL CONSUMPTION**

Total fuel consumption increased, year-on-year, during the third quarter of 2023. Total fuel consumption increased by 13.6 percent year-on-year to 304.2 million litres during the period under review (Figure 2.4). The rise was reflected in the increased consumption of both diesel and petrol by 14.9 percent and 10.5 percent, respectively. The rise in the fuel consumption partly suggests the uptick in the economic activities for both industries and households. Quarter-on-quarter, the total fuel consumption increased by 8.8 percent during the third guarter of 2023.

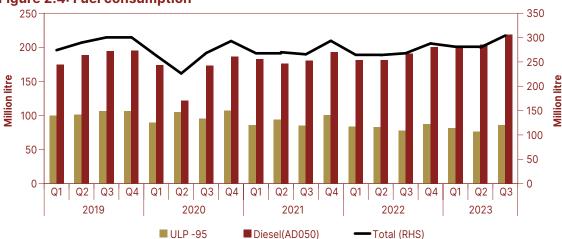


Figure 2.4: Fuel consumption

Source: Namibia Oil Industry Association

#### COMPANY REGISTRATIONS

The registration of new businesses, which serves as a leading indicator for future activity in the economy, decreased year-on-year and quarter-on-quarter during the third quarter of 2023. The total number of new business registrations, which serves as a measure of business confidence, decreased by 17.6 percent year-on-year (Figure 2.5). The decrease was more reflected in the close corporation category, which declined by 19.1 percent. The private company (Pty) Ltd category decreased marginally by 4.2 percent, over the same period. On a quarterly basis, the total number of registrations of new businesses decreased by 15.7 percent during the third quarter of 2023.

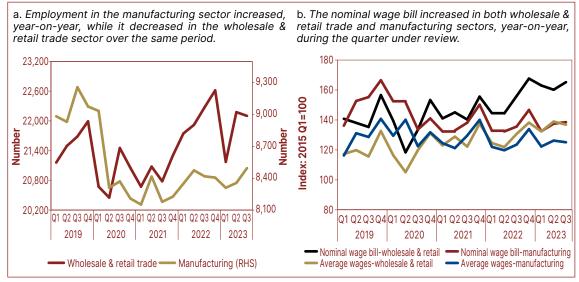


Figure 2.5: Company registrations

Source: Business and Intellectual Property Authority (BIPA).

#### **EMPLOYMENT AND WAGES**<sup>8</sup>

#### Figure: 2.6 (a-b): Employment and wages



During the third quarter of 2023, employment increased year-on-year in the manufacturing sector, while it decreased in the wholesale and retail trade sector. Employment in the manufacturing sector increased by 0.9 percent, while the number of people employed in the wholesale and retail trade sector declined by 0.8 percent during the period under review (Figure 2.6a). The yearly decline of employment in the wholesale and retail trade sector was mainly reflected in clothing and vehicles subsectors. Similarly, on a quarterly basis, employment in manufacturing sector increased by 1.7 percent, while employment in the wholesale and retail sector fell by 0.3 percent.

The nominal wage bill and average wages in the wholesale and retail trade sector increased, year-on-year, during the third quarter of 2023. On a yearly basis, the nominal wage bill and average wages in the wholesale and retail trade sector increased by 5.9 percent and 4.7 percent, respectively (Figure 2.6b). This partly, mirrors the continued increase in the real turnover in the sector during the quarter under review, which suggests a steady demand for consumer goods over the review period. Quarter-on-quarter, the nominal wage bill increased by 3.2 percent, while the average wages decreased by 1.5 percent.

The nominal wage bill and average wages in the manufacturing sector recorded yearly increases during the third quarter of 2023. The nominal wage bill and average wages in the manufacturing sector increased by 2.2 percent and 1.3 percent, on a yearly basis, respectively (Figure 2.6b). On a quarterly basis, the nominal wage bill in the manufacturing sector increased by 0.8 percent, while average wages decreased by 0.9 percent.

<sup>8</sup> The data is based on regular surveys conducted by the Bank of Namibia from a sample of major companies in the manufacturing, wholesale and retail trade sectors. The said surveys, therefore, do not cover the country's entire labour market. In this analysis, the term "wages" refers to both wages and salaries.

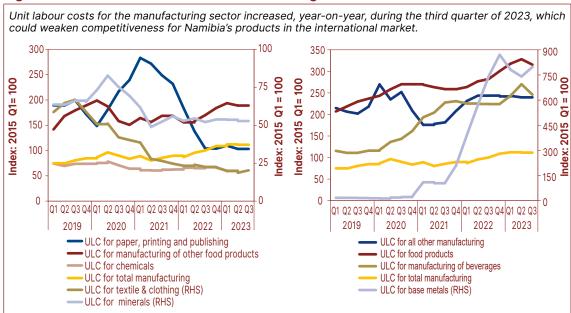
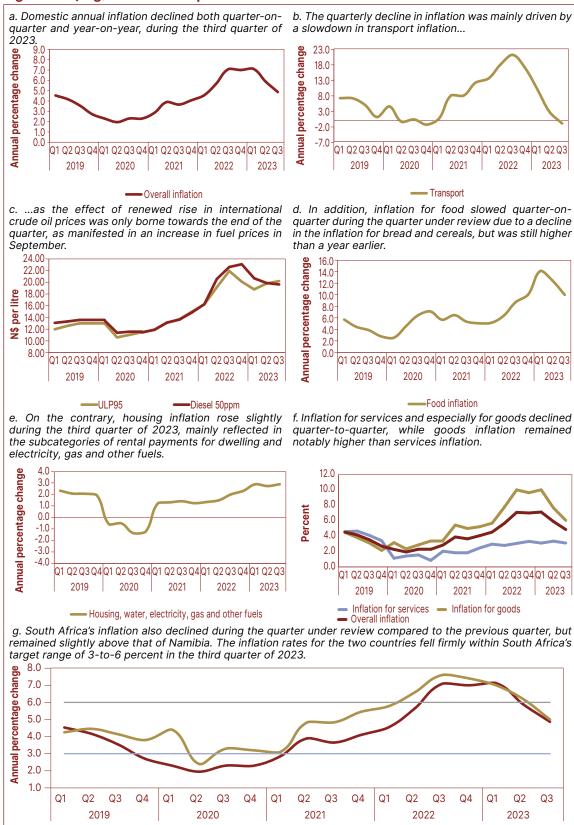


Figure: 2.7: Unit labour costs for manufacturing sector

Unit labour costs for the manufacturing sector increased, year-on-year, during the third quarter of 2023. Total unit labour costs for the manufacturing sector increased by 10.6 percent year-on-year, while it deceased by 0.6 percent quarter-on-quarter, during the third quarter of 2023 (Figure 2.7). The year-on-year increase in the sector's unit labour costs was mainly due to the decline in the output per worker and the increased average wages in most subsectors. The increase in the total unit labour costs for the manufacturing sector hinders competitiveness of Namibian products in the export market.

## PRICE DEVELOPMENTS9

#### Figure 2.8 (a-g): Price developments



Sources: Namibia Statistics Agency, Ministry of Mines and Energy and Statistics South Africa

Namibia — South Africa — SA Upper band — SA Lower band

<sup>9</sup> The inflation rates highlighted in this section represent the averages of July, August and September unless stated otherwise. In addition, the analyses in this section are based on the new National Consumer Price Index (NCPI) series based on the 2015/2016 Namibia Household Income and Expenditure Survey (NHIES), as released by the NSA in November 2016.

Namibia's annual inflation slowed both on a quarterly and yearly basis during the third quarter of 2023, largely attributed to a decline in the inflation for transport. Overall inflation declined quarter-on-quarter by 1.0 percentage point to an average of 4.9 percent during the third quarter of 2023, compared to 5.9 percent registered in the preceding quarter (Figure 2.8a). The slowdown in inflation was mainly due to a decline in the inflation for transport as well as food and miscellaneous goods and services during the quarter under review. On a yearly basis, overall inflation slowed by 2.2 percentage points from 7.1 percent registered in the third quarter of 2022. The drop was attributed to notable declines in the inflation for transport as well as furnishings, household equipment and routine maintenance of the house and hotels, cafes and restaurants. Meanwhile, annual inflation for Novemer 2023 stood at 5.7 percent, a decline from 6.0 percent observed during the previous month. The decline was predominantly driven by a moderation in the inflation for food and housing but the decline was more pronounced in transport inflation.

#### TRANSPORT INFLATION

Transport inflation receded both guarter-on-guarter and year-on-year during the third guarter of 2023, mainly due to a slowdown in inflation for the subcategories of operation of personal transport equipment and public transportation services. Inflation for transport declined on a quarterly basis by 3.6 percentage points to of -0.9 percent during the quarter under review, the lowest level since the final quarter of 2020. The deceleration was mainly owing to the decline in the inflation for operation of personal transport equipment (mainly fuel), which declined by 6.0 percentage points to -4.1 percent during the quarter under review compared to the previous quarter (Table 2.1). This was primarily because of successive downward adjustments in diesel pump prices during the previous two guarters which resulted in low diesel prices despite an upward adjustment during the last month of the quarter under review. Meanwhile, inflation for the purchase of vehicles subcategory rose by 1.5 percentage points to 7.8 percent, slightly offsetting the decline observed in the other transport inflation components. On a yearly basis, transport inflation significantly declined by 22.1 percentage points from 21.2 percent registered in the corresponding quarter of 2022. The slower inflation was predominantly reflected in the subcategories of operation of personal transport equipment and public transportation services which declined by 37.8 percentage points and 2.0 percentage points, respectively, to -4.1 percent and 0.9 percent.

**Table 2.1: Inflation for Transport** 

			2021				20	22	2023			
Percent	Weight in NCPI	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
TRANSPORT	14.3	0.6	8.1	8.1	12.3	13.5	18.1	21.2	17.0	10.1	2.7	-0.9
Purchase of vehicles	2.9	7.9	10.0	9.7	7.6	3.9	4.4	4.6	3.9	5.8	6.4	7.8
Operation of personal transport equipment	9.0	-2.3	11.4	12.0	16.5	18.9	27.9	33.7	25.6	14.2	1.9	-4.1
Public transportation services	2.4	0.5	-3.3	-5.2	5.2	9.7	5.1	2.9	5.1	1.0	0.9	0.9

Source: NSA

#### **DOMESTIC PUMP PRICES**

Pump prices of petrol rose quarter-on-quarter but declined year-on-year, while that of diesel declined over both timeframes. On a quarterly basis, pump prices of petrol rose by N\$0.40 per litre to N\$20.18 per litre. However, pump prices for diesel declined on a quarterly basis by N\$0.23 per litre to average N\$19.62 per litre. This was primarily because the increase in pump prices for diesel during September was not strong enough to offset downward adjustments effected during the second quarter. The increase in pump prices was predominantly a result of prevailing higher international oil prices, given an environment of constrained supply and strong demand (Figure 2.8c). On a yearly basis, pump prices for both petrol and diesel declined by N\$1.70 per litre and N\$2.94 per litre, respectively, from N\$21.88 per litre and N\$20.55 per litre observed during the corresponding quarter of 2022.

#### FOOD AND NON-ALCOHOLIC BEVERAGES INFLATION

**Food and non-alcoholic beverages inflation slowed on a quarterly basis during the third quarter of 2023, but rose on a yearly basis.** The inflation for food and non-alcoholic beverages declined by 2.5 percentage points on a quarterly basis to 10.1 percent during the third quarter of 2023 (Table 2.2). The decline was reflected in most sub-categories of foods, but the steepest declines were observed in the sub-categories of *oils and fats, fruit* and *bread and cereals.* The aforementioned subcategories declined by 7.9 percentage points, 8.3 percentage points and 6.6 percentage points, respectively, to -5.0 percent, 14.2 percent and 11.6 percent, during the quarter under review. This was owing to a stabilisation in the prices of vegetable oil and fats as well as better harvests in South Africa. Conversely, on a yearly basis, inflation for this category rose by 1.3 percentage points during the third quarter of 2023, from 8.8 percent registered in the same quarter of 2022. The rise was reflected in most sub-categories of food, but was most prominent in the inflation for *vegetables, fruits* as well as *meat*. On the contrary, the oils and fats subcategory remained in deflation territory, declining by 31.0 percentage points from 26.0 percent, as vegetable oil prices settle for a moderation.

Table 2.2: Inflation for Food and Non-alcoholic Beverages

			2021				20	22		2023			
Percent	Weights in NCPI	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
FOOD AND NON- AICOHOLIC BEVERAGES	16.4	5.8	6.6	5.4	5.2	5.2	6.4	8.8	10.1	14.2	12.6	10.1	
Food	14.8	6.1	7.1	5.7	5.3	5.3	6.6	8.9	10.3	14.6	12.9	10.3	
Bread and cereals	4.8	3.7	4.0	2.7	2.2	3.9	6.8	9.8	13.0	21.7	18.2	11.6	
Meat	3.5	11.8	16.3	13.2	11.8	7.4	3.8	5.0	5.9	9.5	9.2	8.4	
Fish	0.8	1.3	2.2	1.7	0.9	2.3	4.2	5.4	5.8	9.5	11.3	15.2	
Milk, cheese and eggs	1.2	2.2	2.8	1.7	4.2	4.4	4.7	6.7	5.3	7.3	9.0	7.9	
Oils and fats	0.8	10.8	12.6	17.7	14.1	13.9	25.7	26.0	21.2	17.5	2.8	-5.0	
Fruit	0.3	12.1	8.3	10.4	15.6	11.8	16.1	21.6	20.6	26.1	22.6	14.2	
Vegetables including potatoes and other tubers	1.2	6.3	6.5	2.9	-0.5	3.9	4.2	7.7	10.7	13.4	17.4	17.2	
Sugar, jam, honey, syrups, chocolate and confectionery	1.4	2.7	0.6	-0.1	1.3	3.0	6.5	9.6	10.6	12.9	10.3	11.0	
Food products (not elsewhere classified)	0.6	3.4	1.0	0.9	2.3	2.4	5.1	6.5	9.6	10.5	10.1	10.4	
Non-alcoholic beverages	1.7	2.3	1.4	2.8	4.0	4.4	5.0	7.9	8.4	10.6	8.9	8.5	
Coffee, tea and cocoa	0.3	3.7	0.6	3.4	3.9	3.8	5.7	8.8	8.6	9.8	8.4	7.2	
Mineral waters, soft drinks and juices	1.4	1.8	1.7	2.6	4.0	4.6	4.8	7.6	8.3	10.9	9.1	8.9	

Source: NSA

## INFLATION FOR HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS

The inflation for housing, water, electricity, gas and other fuels rose both quarter-on-quarter and year-on-year during the third quarter of 2023, mainly attributed to a rise in the inflation for electricity, gas and other fuels and rental payments for dwellings. The inflation for the housing category rose slightly on a quarterly basis by 0.2 percentage point to 2.9 percent during the quarter under review (Table 2.3). The uptick was predominantly driven by increasing inflation for the subcategory electricity, gas and other fuels, which rose by 1.2 percentage points to 7.0 percent. This was chiefly due to an acceleration in the inflation for coal and charcoal, which rose by 3.3 percentage points to 6.6 percent during the quarter under review compared to the preceding quarter. Meanwhile, inflation for other subcategories such as regular maintenance and repair of dwelling

and water supply, sewerage service and refuse collection declined by 3.1 percentage points and 0.6 percentage point, respectively, to 1.7 percent and 1.8 percent, somewhat offsetting the upward pressure exerted by the electricity, gas and other fuels category. Likewise, on a yearly basis, inflation for housing rose by 0.9 percentage point from 2.0 percent registered in the same period last year. The yearly increase reflected in the subcategories of electricity, gas and other fuels as well as rental payments for dwelling, which rose by 3.3 percentage points and 0.6 percentage point, respectively, to 7.0 percent and 2.1 percent registered in the corresponding quarter of 2022.

**Table 2.3: Inflation for Housing** 

			20	21			20	22			2023	
Percent	Weights in NCPI	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	28.4	1.2	1.3	1.4	1.2	1.3	1.5	2.1	2.3	2.9	2.7	2.9
Rental payments for dwelling (both owners and renters)	23.3	1.1	1.3	1.3	1.3	1.4	1.4	1.4	1.4	2.1	2.1	2.1
Regular maintenance and repair of dwelling	0.2	4.6	8.1	9.1	8.5	7.1	4.7	6.5	5.7	3.9	4.8	1.7
Water supply, sewerage service and refuse collection	1.0	1.5	0.6	1.4	2.8	2.9	2.9	2.8	2.6	2.5	2.5	1.8
Electricity gas and other fuels	3.9	1.4	0.9	1.2	-0.3	-0.1	1.0	5.0	6.2	6.8	5.7	7.0

Source: NSA

#### **INFLATION FOR GOODS AND SERVICES**

Inflation for goods declined both on a quarterly and yearly basis while that for services decreased quarter-on-quarter but remained stable year-on-year during the third quarter of 2023. Inflation for goods declined by 1.6 percentage points to 6.1 percent during the quarter under review (Figure 2.8f). The decline in goods inflation was reflected in food items such as bread, maize, beef, chicken, cabbage and cooking oil as well as cigarettes, bed bases and mattresses and refrigerators/deep freezers. However, goods inflation continued to be substantially higher than services price inflation. Inflation for services decreased marginally by 0.2 percentage point to 3.1 percent during the quarter under review (Figure 2.8f). The quarterly decrease was observed in the inflation for holiday tour packages, television subscriptions, service and repair charges as well as air transportation. Similarly, on a yearly basis, inflation for goods declined by 4.0 percentage points from 10.0 percent recorded in the third quarter of 2022. The decline in inflation was observed in pump prices of fuel and food items such as maize, bread, beef, macaroni, spaghetti and noodles, cooking oil, tomatoes, sugar, maize, beef and bread, beer as well as toilet articles and watches and personal jewellery. On the contrary, services inflation remained stable during the quarter under review compared to the corresponding quarter of 2022.

#### COMPARISON OF NAMIBIA'S INFLATION TO THAT OF SOUTH AFRICA

Inflation in South Africa similarly slowed during the third quarter of 2023, but remained slightly above that of Namibia, primarily due to relatively higher inflation for transport in the former. South Africa inflation slowed and stood at 5.0 percent on average during the third quarter of 2023, slightly above the 4.9 percent inflation rate in Namibia. (Figure 2.8g). This was largely ascribed to a slowdown registered for transport inflation in Namibia, which averaged -0.9 percent during the quarter under review, compared to South Africa's transport inflation of 0.3 percent recorded over the same period. On a yearly basis, inflation for South Africa declined by 2.6 percentage points, from 7.6 percent registered in the corresponding quarter of 2022.



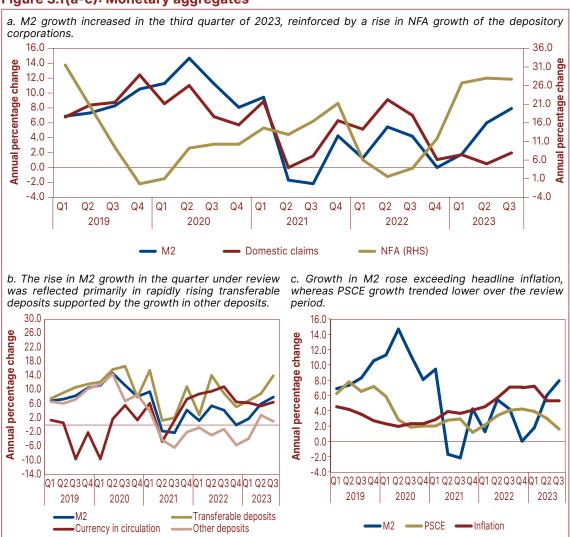
Annual growth in broad money supply (M2) rose, driven by a significant increase in Net Foreign Assets (NFA) of the depository corporations, while Private Sector Credit Extension (PSCE) slowed. The annual growth in M2 rose in the third quarter of 2023, driven by a rise in NFA of the depository corporations, as a result of diamond proceeds and revaluation gains. Growth in PSCE slowed relative to the same period of 2022, driven by lower demand and repayments by businesses.

Money market rates rose in line with a rise in the Repo rate, commercial banks' liquidity¹o remained elevated, while share prices on the Namibian Stock Exchange increased. Money market rates edged up in the quarter under review as policy rates increased, alongside a surge in liquidity levels that were influenced by increased diamond sale proceeds as well as government payments. The Overall Index of the Namibian Stock Exchange (NSX) trended higher on an annual basis driven by a rise in share prices during the review period.

<sup>10</sup> This includes commercial banks cash balances for settlement purposes as well as overnight balances held at the Bank of Namibia and their call deposits with parent banks or other banks in South Africa.

## **MONETARY AGGREGATES**

#### Figure 3.1(a-c): Monetary aggregates



#### **MONEY SUPPLY**

The annual growth in M2 increased both year-on-year and quarter-on-quarter in the third quarter of 2023 driven by a rise in NFA of the depository corporations. M2 growth rose to 7.9 percent at the end of the third quarter of 2023 relative to 4.2 percent in the corresponding period of 2022 and 6.0 percent in June 2023, respectively. The higher growth in M2 was supported by a rise in the Net Foreign Assets (NFA) of the depository corporations driven by diamond proceeds and revaluation gains over the review period. Growth in domestic claims of the depository corporations lost momentum on an annual basis in line with a decline in claims on other sectors, while it rose quarter-on-quarter. Among the components of M2, growth in transferable deposits held up well in the third quarter of 2023 whereas growth in notes and coins slowed. The notable switch in non-transferable deposits, from sustained contractions previously to positive growth, was reflected by a rise in fixed and notice deposit holdings of almost all institutional units (Figure 3.1a).

#### ACCOUNTING DETERMINANTS OF MONEY SUPPLY

**NFA** growth of the depository corporations rose in 2023, while growth in domestic claims slowed. Annual growth in NFA rose to 27.7 percent in the third quarter of 2023 relative to 3.8 percent in the corresponding period of 2022, driven by diamond sales proceeds and exchange rate revaluation

gains. However, quarter-on-quarter, growth in NFA edged lower to 27.7 percent compared to 28.0 percent posted in the preceding quarter. The annual growth in domestic claims stood at 2.0 percent as of September 2023, posting higher growth quarter-on-quarter compared to 0.5 percent in June 2023, while it declined year-on-year compared to the 7.0 percent recorded in the corresponding period of 2022. The year-on-year growth in domestic claims was pulled down by a decline in net claims on central government (Table 3.1).

Table 3.1: Accounting determinants of M2 (N\$ million)

	20	22		2023		Quarterly	Annual	Contribution
	Q3	Q4	Q1	Q2	Q3	Change	Percentage Change	to M2
Total Domestic Claims	144,110	144,956	148,877	144,189	146,947	2,758	2.0	106
Net Claims on the Central Government	31,284	31,077	34,362	28,529	30,888	2,360	-1.3	22
Claims on the Other Sectors	112,826	113,879	114,514	115,660	116,059	399	2.9	84
Net Foreign Assets of Depository Corporations	53,998	56,675	60,874	66,836	68,968	2,132	27.7	50
Other Items Net	-69,817	-71,673	-78,465	-74,934	-77,458	-2,523	10.9	-56
Broad Money Supply	128,290	129,958	131,286	136,091	138,458	2,367	7.9	100

Source: Bank of Namibia

#### COMPONENTS OF MONEY SUPPLY

Growth in components of M2 rose at the end of the third quarter of 2023 amidst a recovery in domestic economic activity. Non-transferable deposits (i.e., fixed and notice deposits) recorded growth of 1.0 percent in the quarter under review, switching from a contraction of 1.2 percent in 2022 as interest rates remained attractive for these deposits despite a renewed rise in inflation (Figure 3.1b). The improved growth rate was as a result of cumulative increases in interest rates since 2022 as fixed and notice deposit rates became more attractive reflected by increased longer-dated deposits held by other non-financial corporations, regional and local government, households as well as public non-financial institutions. Growth in demand deposits (i.e., transferable deposits) rose to 14.0 percent both on an annual and quarterly basis in the quarter under review, compared to 9.0 percent registered in the corresponding period of 2022. The growth in demand deposits picked up as deposits held by households, other non-financial corporations as well as public non-financial institutions increased alongside rising domestic expenditure, despite the persistent economic uncertainty. Growth in currency (i.e., notes and coins) outside depository corporations edged lower at 6.5 percent as opposed to 10.9 percent a year earlier driven by a deceleration in the transactions demand for cash as well as rising use of electronic transaction facilities in the review period.

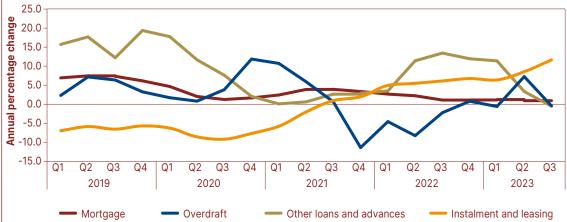
## **CREDIT AGGREGATES**

#### Figure 3.2 (a-d): Private sector credit extension (PSCE)<sup>11</sup>

a. Growth in PSCE slowed year-on-year and quarter-on-quarter in the quarter under review, driven by a decline in credit extended to the corporate sector.

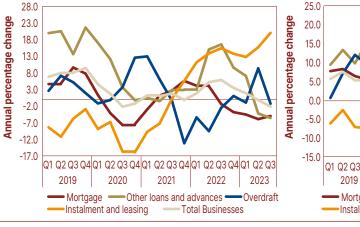


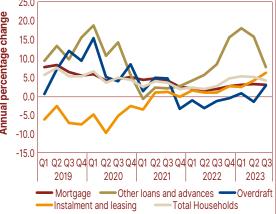
b. The decrease in annual PSCE growth was reflected by a decline in other loans and advances as well as overdraft credit in the quarter under review, whereas instalment sale and leasing finance picked up some momentum and mortgage credit growth inched higher.



c. Loans extended to businesses decreased both on an annual and quarterly basis at the end of the third quarter of 2023.

d. Moreover, growth in credit extended to households rose yearly, while it slightly slowed on a quarterly basis, at the end of the quarter under review.





<sup>11</sup> Private sector credit refers to loans extended to corporates (businesses) and houshold (individuals). As such it excludes loans to non-residents.

**PSCE** growth slowed both on an annual and quarterly basis mainly driven by a slowdown in loans extended to the corporate sector. Growth in PSCE stood at 1.6 percent at the end of the third quarter of 2023, lower compared to 4.1 percent recorded a year earlier. The decrease in PSCE growth mainly derived from a lower demand and repayment by the business sector over the review period (Figure 3.2a). The sluggish growth in credit to the private sector was reflected in other loans and advances as well as overdraft credit during the quarter under review, whereas instalment sale and leasing credit held up well (Figure 3.2b).

Credit extended to businesses contracted at the end of the third quarter of 2023. Growth in credit extended to businesses contracted to 2.1 percent year-on-year, during the third quarter of 2023, lower than the 5.9 percent recorded in the corresponding quarter of 2022. On a quarterly basis, growth similarly trended lower as opposed to a lower contraction of 0.1 percent recorded in the preceding quarter. The deteriorating growth was mainly on account of lower demand for and repayments of other loans and advances as well as mortgage loans by corporates in the services, fishing, manufacturing as well as the wholesale and retail sectors in the quarter under review (Figure 3.2c).

Household credit growth increased on an annual basis, while it slowed slightly on a quarterly basis in the quarter under review. Credit extended to households recorded an annual growth rate of 4.3 percent at the end of the quarter under review, from 2.8 percent recorded a year earlier. The increase was supported by increased loan volumes amid an improvement in economic activity, as nominal incomes edged higher over the review period (Figure 3.2d). However, on a quarterly basis, growth in credit extended to the household sector edged lower compared to the 5.3 percent registered at the end of June 2023, driven by a decrease in demand for overdraft and mortgage credit.

#### SECTORAL ALLOCATION OF COMMERCIAL BANKS' CREDIT<sup>12</sup>

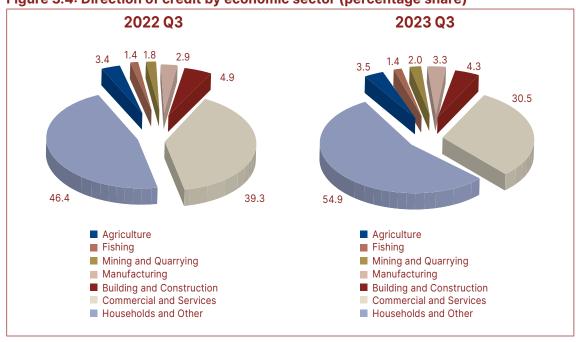


Figure 3.4: Direction of credit by economic sector (percentage share)

During the third quarter of 2023, the category households and other remained the biggest borrower followed by the services sector. Households and other closed the third quarter of 2023 with a share of 54.9 percent, increasing by 8.5 percentage points year-on-year. The services sector which is the second largest borrowing sector posted a share of 30.5 percent declining by 8.8 percentage points on a yearly basis. The rise in the household sector share came from increased demand for credit,

<sup>12</sup> This portion analyses credit extended to various economic sectors by the four major commercial banks.

while lower demand and net repayments led to a decrease in the share of the business and services sector. The share of credit advanced to the agriculture, manufacturing and mining sectors rose to 3.5 percent, 3.3 percent and 2.0 percent in the third quarter of 2023 compared to 3.4 percent, 2.9 percent and 1.8 percent in the corresponding quarter of 2022, respectively. Moreover, the share of the building and construction sector shrank by 0.6 percentage points year-on-year to 4.3 percent in the review period. The decline in credit to this sector was on the back of a decline in both public and private construction works. Fishing posted a share of 1.4 percent, maintaining the same share on an annual basis during the period under review (Figure 3.3).

## LIQUIDITY OF COMMERCIAL BANKS

12,000 10,000-8,000-4,000-2,000-0

Q2 Q3

2021

Q4 Q1

Q2 Q3 Q4 Q1

2022

Q2

2023

Figure 3.4: Overall liquidity of commercial banks (quarterly average)

The liquidity position of the banking industry increased year-on-year while it declined on a quarterly basis during the third quarter of 2023. The banking industry maintained ample liquidity with its overall cash position posting an average of N\$8.2 billion during the third quarter of 2023, increasing by 57.6 percent year-on-year. (Figure 3.4). The increase in the market cash position was mainly on the back of inflows from diamond sales proceeds supported by government payments over the review period. However, quarter-on-quarter the cash position decreased from N\$10.6 billion representing a decline of 22.2 percent attributed to lower government spending, lower diamond sales and more cash being placed in BoN Bills.

# OTHER/ NON-BANK FINANCIAL CORPORATIONS (OFCs)<sup>13</sup>

The total assets of OFCs declined on an annual basis during the third quarter of 2023. The total asset value of OFCs stood at N\$218.9 billion at the end of the third quarter of 2023, representing a decline 8.4 percent when compared to the third quarter of 2022. The absolute size of the pension funds continued to dominate the OFCs sector with N\$143.9 billion of net equity of households, while N\$31.2 billion was net equity of households in life assurance at the end of the third quarter of 2023 (Table 3.2).

Q1

Ω2

2019

Q3

Q4 Q1

Q2

Q3

2020

Q4 Q1

<sup>13</sup> The OFC sub-sector reported herein consists of a sample of resident pension funds, insurance corporations and development finance institutions.

**Table 3.2: Key financial aggregates** 

N\$ million		20	22			2023	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1. Central Bank Survey							
Central Bank Total Asset value	47,732	50,651	53,001	53,014	55,107	58,142	61,345
Net Foreign Assets	34,466	39,167	40,787	41,365	41,295	45,563	46,458
Claims on Other Sectors	118	119	123	117	122	124	160
2. Other Depository Corporations Survey							
ODCs Total Asset value	210,733	212,845	212,524	216,152	225,364	228,331	230,620
Net Foreign Assets	13,572	13,033	13,210	15,311	19,580	21,274	22,510
Claims on Other Sectors	112,832	112,560	112,703	113,762	114,392	115,537	115,899
of which: claims on Households	62,138	62,602	63,359	64,879	65,550	65,973	66,115
claims on Businesses	45,435	46,232	46,732	46,238	46,445	46,658	46,137
3. Depository Corporations Survey (1+2)							
DCs Total Asset Value	258,464	263,496	265,524	269,165	280,471	286,473	291,965
Net Foreign Assets	48,039	52,200	53,998	56,675	60,874	66,836	68,968
Net Domestic Assets	146,372	143,453	144,110	144,956	148,877	144,189	146,947
of which: claims on Households	62,256	62,721	63,482	64,997	65,672	66,097	66,275
claims on Businesses	45,435	46,232	46,732	46,238	46,445	46,658	46,137
Broad Money Supply	128,965	128,402	128,290	129,958	131,286	136,091	138,458
4.Other Financial Corporations Survey							
OFC's Total Asset value	220,953	217,670	237,259	220,585	225,561	251,255	218,990
Net Foreign Assets	87,486	83,567	97,474	95,766	98,519	113,265	96,176
Claims on Other Sectors	28,492	26,261	29,751	19,452	20,770	20,315	17,236
Insurance Technical Reserves	186,089	165,275	183,774	186,379	187,542	188,656	189,494
5. Financial Corporations Survey (3+4)							
FCs Total Asset value	479,417	481,166	502,784	489,750	506,032	537,728	510,955
Net Foreign Assets	135,524	135,767	151,477	152,442	159,393	180,101	169,652
Domestic Assets	193,889	177,480	195,353	185,462	191,787	182,397	183,937
Insurance Technical Reserves	186,089	165,275	183,774	186,379	187,542	188,656	189,494
Net Equity of Households in Life Insurance	29,918	28,512	28,529	30,164	31,047	31,513	31,178
Net Equity of Households in Pension Funds	142,409	123,494	142,041	142,419	142,411	142,649	143,893
Prepaid Premiums Reserves against outstanding claims	13,762	13,270	13,205	13,797	14,084	14,494	14,422

The net foreign assets of OFCs slowed on an annual basis at the end of the third quarter of 2023. NFA of OFCs stood at N\$96.2 billion at the end of the third quarter of 2023, lower than the N\$97.5 billion registered at the end of the corresponding quarter of 2022 as institutional investors reduced their foreign asset holdings (Table 3.2). This brought the total net foreign assets for the financial corporations to N\$169.7 billion at the end of the third quarter of 2023, a further indication of the significance of the non-banking financial institutions in the Namibian financial sector.

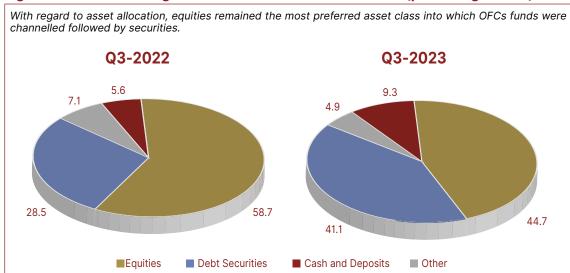
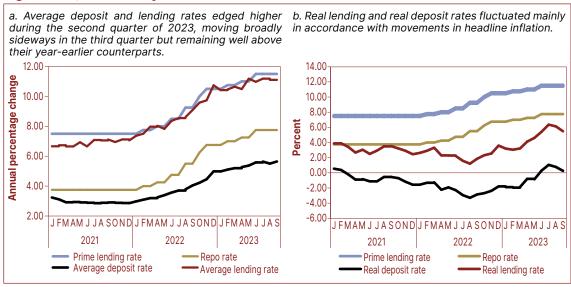


Figure 3.5: Asset holdings of non-bank financial institutions (percentage share)

Notably, although equities remained the most preferred asset class, investments in interest bearing securities increased significantly during the third quarter of 2023. Figure 3.5 shows that the majority of OFC funds were invested in equities, which is consistent with the long-term nature of pension funds, followed by interest bearing securities with an increased share of 41.1 percent. Equities normally provide higher long-term growth and are therefore a preferred investment instrument for OFCs, despite being relatively volatile. The interest-bearing securities asset class was followed by cash and deposits and other assets with shares of 9.3 percent and 4.9 percent, respectively.

## MONEY MARKET DEVELOPMENTS





In the third quarter of 2023 the Bank of Namibia maintained a contractionary monetary policy stance and as a result, money market rates rose. During the third quarter of 2023, the Bank of Namibia's Monetary Policy Committee maintained the key policy interest rate at a level of 7.75 percent. The decision to keep the Repo rate unchanged was deemed appropriate to safeguard the peg arrangement and meeting the country's international financial obligations while also giving support to the domestic economy. The prime lending rate of the commercial banks as a result remained at

<sup>14</sup> The category "Other" is comprised of non-financial assets, loans, receivables and financial derivatives.

11.50 percent at the end of September 2023, unchanged from the end of June 2023 but up from 9.25 percent a year earlier. In line with the developments in the policy rate, the banks' average lending rate rose to 11.15 percent at the end of the quarter under review, compared to 9.08 percent a year earlier. Similarly, the average deposit rate rose to 5.64 percent at the end of the review period from 4.04 percent a year earlier (Figure 3.6). Notably, the average rate on deposits adjusts at a slower rate compared to the average lending rate since a significant pool of fixed and notice deposits only reprice when they mature.

Real interest rates rose year-on-year in the third quarter of 2023 as nominal interest rates increased amid a lower inflation environment. Accordingly, banks' average lending rate adjusted for inflation rose to 5.49 percent at the end of September 2023 from 1.85 percent recorded in September 2022. Similarly, the average real deposit rate rose to 0.26 percent during the third quarter of 2023 from -2.86 percent a year earlier. The increase in real interest rates sends encouraging signals for savings within the economy. On a quarterly basis the real lending rate increased slightly when compared to the level of 5.41 percent in the preceding quarter while the real deposit rate posted a marginally lower level compared to 0.29 percent at the end of June 2023.

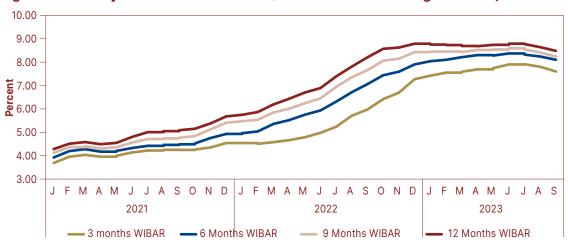
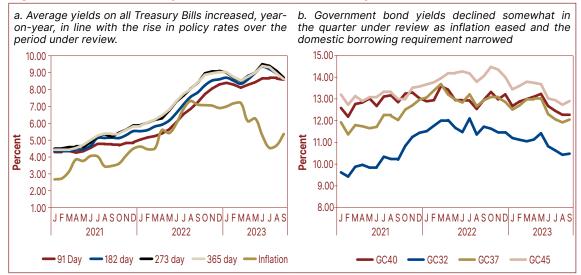


Figure 3.7: Money market interest rates: (Windhoek Interbank Agreed Rate)

Consistent with the Repo rate, the Windhoek Interbank Agreed Rates (WIBARs) moved broadly sideways during the third quarter of 2023 but were notably higher than a year earlier. The 3-month and 6-month WIBAR rates rose by 162 basis points and 104 basis points on an annual basis to an average of 7.60 percent and 8.10 percent at the end of September 2023, respectively (Figure 3.7). Similarly, the 9-month and 12-month WIBAR rose by 58 basis points and 27 basis points over the year under review, averaging 8.24 percent and 8.48 percent at the end of the third quarter of 2023, respectively. Notably, these increases are in line with the rising Repo rate, as monetary authorities continue to anchor inflation expectations. The levelling off of the 12-month WIBAR since the beginning of 2023, and the closing of the gap between it and the shorter-term WIBARs, suggest that market participants believe that the policy interest rate is close to reaching its plateau in the current interest rate cycle.

## CAPITAL MARKET DEVELOPMENTS

#### Figure 3.8 (a-b): Treasury bills and Government bond yields



#### TREASURY BILLS

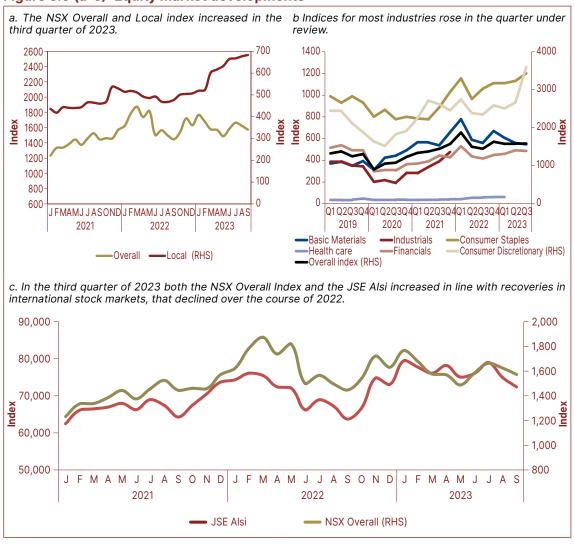
Treasury bills (TBs) yields were notably higher year-on-year in the third quarter of 2023 in line with the elevated repo rate. In line with increases in the Bank of Namibia's Repo rate and rates on South African treasury bills, local treasury bill yields trended higher year-on-year during the third quarter of 2023. Yields on the 91-day and 182-day TB rates rose by 133 basis points and 85 basis points on an annual basis to reach a level of 8.58 percent and 8.68 percent, respectively. The longer dated TB rates similarly increased amid the general rise in short-term interest rates. Effective yields on the 273-day and 365-day TBs increased to 8.70 percent and 8.61 percent, respectively at the end of the third quarter of 2023, from 8.41 percent and 8.43 percent recorded a year earlier (Figure 3.8a). As such, investors in TBs continued to earn significant positive real returns, as yields continued to be notably higher than the inflation rate in the period under review. Conversely, the yields declined on a quarterly basis by 8 basis points and 67 basis points for the 91-day and 182-day TBs, respectively.

#### **GOVERNMENT BOND YIELDS**

Yields on government bonds decreased during the third quarter of 2023. Yield decreases were observed across the curve with the GC32 recording the biggest year-on-year decline of 124 basis points and the GC40 recording the least with a decrease of 70 basis points. The decline in bond yields was partly due to ample liquidity in the market coupled with lower inflation and the strong demand for and limited supply of government bonds. Bond yields similarly receded at the long end of the curve with yields on the GC37 and GC45 dropping by 89 and 115 basis points to 12.05 percent, and 12.90 percent, respectively (Figure 3.8b). Quarter-on-quarter most yields also decreased somewhat over the period under review.

## **EQUITY MARKET DEVELOPMENTS**

Figure 3.9 (a-c): Equity market developments



The NSX Overall and Local indices rose in the third quarter of 2023 amid a recovery in global stock markets. The Overall index increased year-on-year by 8.7 percent to 1572.89 index points at the end of September 2023 (Figure 3.9a). The annual increase in the Overall index was reflected by a rise in the majority of subindices, consistent with a recovery in dual-listed shares during the period under review. The Local index, similarly, increased to close at 683.16 index points at the end of the quarter under review. This represents an increase of 43.1 percent, compared to a year earlier as the local stocks recovered, driven by good performances of the financials and consumer goods indices. The JSE All Share index recorded a yearly increase of 13.4 percent, to close at 72,383 index points at the end of September 2023 aided by a favourable performance of the large cap Top 40. (Figure 3.9c).

**Table 3.3: NSX summary statistics** 

		20	22			2023	
Overall	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Index at end of period	1,874	1,500	1,447	1,631	1,577	1,583	1,573
Market capitalisation at end of period (N\$ billion)	2,547	2,060	1,990	2,268	2,203	2,128	2,122
Free float market capitalisation at end of period (N\$ billion)	2,132	1,707	1,672	1,921	1,854	1,248	783
Number of shares traded ('000)	32,798	47,713	103,175	70,802	38,691	69,542	40,359
Value traded (N\$ million)	1,842	2,609	5,130	3,907	1,442	3,155	1,876
Number of deals on NSX	1,372	1,391	1,833	1,365	1,424	1,495	1,258
Number of new listings (DevX)	0	0	0	0	0	0	0
Number of de-listings	1	0	1	0	0	1	1
Local							
Index at end of period	511	493	477	507	603	665	683
Market capitalisation at end of period (N\$ billion)	37	36	34	37	38	42	43
Number of shares traded ('000)	6,240	13,797	10,114	7,028	4,228	11,522	7,261
Value traded (N\$ million)	64	236	107	203	75	233	134
Number of deals on NSX	314	373	382	271	340	464	346
Number of new listings	0	0	0	0	0	0	0
Number of de-listings	0	0	0	0	0	0	0
Source: NSX							

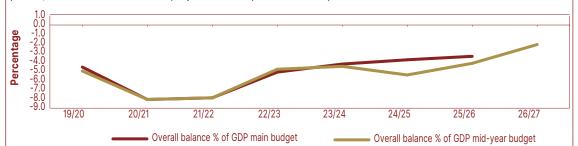
The market capitalisation of the 30 companies listed on the NSX increased year-on-year while it slowed quarter-on-quarter during the quarter under review. The overall market capitalisation stood at N\$2.12 trillion at the end of September 2023, 3.0 percent higher than the N\$2.06 trillion a year earlier, driven by higher share prices. Nevertheless, quarter-on-quarter growth decreased by a mere 0.28 percent (Table 3.3).

The share price indices for most industries in the Overall Index increased during the quarter under review. The indices for consumer staples, consumer discretionary, financials, telecommunications and real estate increased, to close at 1200.91 index points, 3600.45 index points, 486.18 index points, 244.06 index points and 1481.89 respectively, at the end of the third quarter of 2023. By contrast, the indices for basic materials and utilities decreased, to close at 547.24 index points and 998.88 index points, respectively (Figure 3.9b).

## **Fiscal Developments**

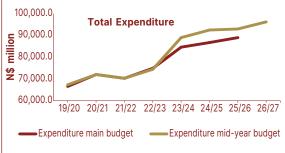
#### Figure 4.1(a-e): Fiscal developments<sup>15</sup>

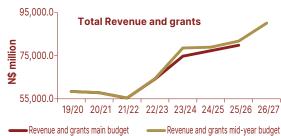
a. The Central Government budget deficit is estimated to narrow in FY2023/24 and further over the MTEF period, as the rise in revenue is projected to outpace that of expenditure.



unavoidable emergency expenditure coupled with the tax and non-tax revenue. upward adjustment in interest payments.

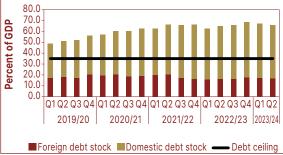
b. Central Government expenditure is estimated to c. Revenue collection, is estimated to rise during the rise during the FY2023/24 owing to unforseen and FY2023/24, as well as over the MTEF owing to higher

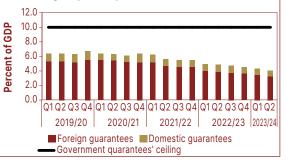




d. Total Central Government debt as a ratio of GDP rose further over the FY2023/24 to the end of September 2023, largely due to a rise in domestic debt, coupled with the rise in external debt.

e. Central Government loan guarantees declined during the second quarter of the FY 2023/24, remaining well below the benchmark and signifiying a low contingency liability risk.





Source: MoFPE, NSA and BON

15 The analysis of the fiscal developments is in fiscal quarters and not in calendar year quarters. Fiscal year starts in April each year.

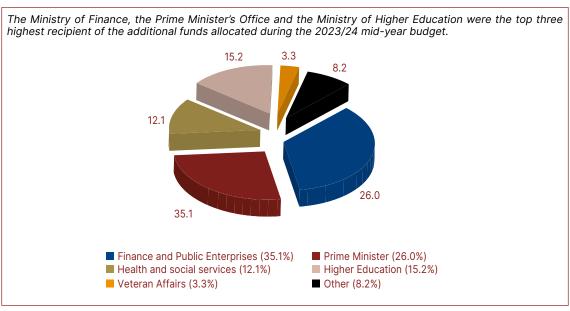
### **BUDGET BALANCE**

Central Government's revenue and expenditure paths have been raised significantly in the Midyear Budget Review, but with the budget deficits held largely unchanged. During the mid-year budget review in October 2023, the Central Government fiscal projections were comprehensively revised. The fiscal deficit is still estimated to narrow during the FY2023/24, compared to the preceding fiscal year, as well as over the MTEF period. The budget deficit as a percentage of GDP is estimated to narrow to 4.2 percent from the initial 4.8 percent registered during the previous fiscal year. The narrowing of the deficit was ascribed to a higher rise in revenue compared to expenditure, which is estimated to rise by 22.1 percent to N\$78,6 billion. Expenditure, on the other hand, is estimated to rise by 19.5 percent to N\$89.0 billion. Meanwhile, the level of the deficit was similar to what was registered during the February 2023 budget statement (Table 4.1). This was owing to an upward adjustment of 5.1 percent in revenue collection to N\$78.6 billion for the FY2023/24 from the February 2023 estimate of N\$64.4 billion, owing to an increase in income tax on individuals, company taxes as well as VAT collection by NamRa. Meanwhile, the expenditure ceiling was adjusted upwards by 5.2 percent to cater for unforeseen and unavoidable emergency expenditure. Over the MTEF period, the budget deficit as a percentage of GDP is estimated to narrow to 2.1 percent in the FY2026/27, below the 3.0 percent threshold, as the rise in revenue is estimated to average 4.8 percent, outpacing the rise in expenditure which averages 3.3 percent over the MTEF period.

## **EXPENDITURE**

Central Government expenditure is estimated to rise during the FY2023/24, higher than the level registered during the previous fiscal year. During the October 2023 mid-year budget review, Central Government expenditure ceiling was adjusted upwards by 5.2 percent to N\$89.0 billion and it is estimated to rise moderately over the MTEF period, in line with Governments fiscal consolidation program (Figure 4b). The upward adjustment was necessitated by the unforeseen and unavoidable emergency expenditures such as the N\$643 million drought relief, the N\$868 million allocation to the Ministry of Finance for civil servants benefit adjustment, allocations to PSEMAS and Transnamib, a contribution to the SADC mission to the Democratic Republic of Congo as well as an allocation to NASFAF for student assistance.Furthermore, the upward adjustment of interest payment by 17.4 percent to N\$11.8 billion also contributed to the rise in total expenditure. Meanwhile, when compared to the previous fiscal year, Central Government expenditure rose by 19.5 percent from N\$74.4 billion, owing to the addition of N\$2.0 billion expenditure outside budget that was previously excluded in the total expenditure ceiling as per best practice, coupled with a once-off expense provision for the population census and general registration of voters provided for in the FY2023/24 budget statement by the Minister on the 22nd of February 2023.

FIGURE 4.2 Additional budget allocation per vote excluding statutory payments.



The Ministry of Finance took up the biggest share of the additional budget allocation during the 2023/24 Mid-Year Budget Review. An additional budget allocation of N\$2.5 billion was allocated to various votes that had initially requested for additional funds owing to unforeseen and unavoidable emergency expenditure that arose during the first half of the 2023/24 fiscal year. In light of the above, the Ministry of Finance and Public Enterprises received the lion's share of 35.1 percent of the additional funds for general benefit adjustment of civil servants, PSEMAS, an allocation for TransNamib coupled with a contribution to the SADC mission in the DRC. Meanwhile, the Office of the Prime Minister took up the second largest share of the additional funds of 26.0 percent for the drought relief program, while the Ministry of Higher Education took up the third highest share of 15.2 percent to cater for Student assistance at NSFAF. The Ministry of Health and the Veteran Affairs Office took up the fourth and the fifth largest allocations with percentage shares of 12.1 percent and 3.3 percent respectively.

## **REVENUE**

Central Government revenue is estimated to rise during the FY2023/24, compared to the previous fiscal year due to an increase in income tax, VAT and SACU receipts. Central Government revenue was adjusted upwards to N\$78.6 billion for FY2023/24, from the N\$74.7 billion that was initially estimated in the main budget (Table 4.1). The upward revision was mainly attributed to a higher than anticipated increase in individual income tax, company taxes and VAT, which rose by 5.6 percent, 5.9 percent and 8.8 percent, respectively, to N\$17.7 billion, N\$9.4 billion and N\$18.9 billion. Moreover, when compared to the total revenue collected during the FY2022/23, central Government revenue is set to rise by 22.1 percent (Figure 4.1c). Moreover, over the MTEF period, Central Government revenue is projected to increase to N\$90.3 billion in FY2026/27 (Table 4.1).

Table 4.1: Central Government Revenue and Expenditure Outturn and Projection – October 2023 Mid-year Budget (N\$ million, unless otherwise stated).

	2020/21	2021/22	2022/23	2023/24	2023/24	2024/25	2025/26	2026/27
	Actual	Actual	Actual	Budget	Mid-Year Estimates	Projection	Projection	Projection
Fiscal GDP	176,140	189,505	210,352	215,280	232,797	250,334	270,044	289,983
Revenue and grants	57,838	55,369	64,350	74,743	78,550	78,911	81,728	90,037
% of GDP	32.8	29.4	30.6	34.7	33.7	31.5	30.3	31.0
Expenditure	72,035	70,302	74,424	84,580	88,965	92,444	92,927	96,169
% of GDP	40.9	37.1	35.4	39.3	38.2	36.9	34.4	33.2
Budget Balance	-14,197	-14,933	-10,074	-9,138	-9,717	-12,881	-10,794	-5,960
% of GDP	-8.1	-7.9	-4.8	-4.2	-4.2	-5.1	-4.0	-2.1
Debt*	110,514	125,784	142,744	150,869	153,670	165,719	173,396	178,839
% of GDP	62.7	66.4	67.9	70.1	66.0	66.2	64.2	61.7
Interest payments	7,420	7,672	9,429	10,021	11,765	12,642	13,183	14,318
% of Revenue	12.8	13.9	14.7	13.4	15.0	16.0	16.1	15.9
Guarantees	10,138	10,338	9,999	12,658	8,568	8,968	11,138	12,251
% of GDP	5.8	5.5	4.8	5.9	3.7	3.6	4.1	4.2

Source: MoFPE

Data have been amended throughout following enhancements to government finance statistics introduced in the 2023/24 mid-year Budget.

## **CENTRAL GOVERNMENT DEBT**

The debt stock of the central Government continued to increase over the fiscal year 2023/24 to the end of September 2023, across both domestic and external debt. Total Government debt stock stood at N\$148.8 billion at the end of September 2023, representing an increase of 9.7 percent during the year under review (Figure 4.1b). The increase on a yearly basis was driven by a rise in the issuance of both Treasury Bills (TBs) and Internal Registered Stock (IRS), coupled with a rise in external debt due to exchange rate depreciation, as well as the disbursement of the AFDB loan in December 2022 and the KFW loan in march 2023. On a quarterly basis, total central Government debt rose by 2.2 percent, driven mainly by an increase in domestic debt. Total debt as a percentage of GDP stood at 64.8 percent at the end of September 2023. This represented a decline of 2.3 percentage point from a year earlier and is 4.8 percentage points above the SADC benchmark of 60 percent of GDP, owing to a faster growth in nominal GDP than debt, compared to the previous fiscal year. Going forward, the total debt stock is anticipated to moderate to 66.0 percent of GDP at the end of FY2023/24 but then, given the primary surpluses on the budget, with a faster rise in nominal GDP, total debt as a percent of GDP is estimated to moderate to 61.7 percent of GDP at the end of 2025/26.

**Table 4.2: Central Government Debt (N\$ million)** 

		202	2/23		202	3/24
	Q1	Q2	Q3	Q4	Q1	Q2
Four Quarter rolling Fiscal year GDP	195,224	202,196	209,035	217,038	222,773	229,616
External debt stock	32,496	34,176	34,095	36,674	37,545	37,542
Bilateral	2,577	2,602	2,504	4,033	4,007	4,129
As % of total external debt stock	7.9	7.6	7.3	11.0	10.7	11.0
Multilateral	15,693	16,041	18,376	18,761	18,986	18,863
As % of total external debt stock	48.3	46.9	53.9	51.2	50.6	50.2
Eurobonds	12,184	13,491	12,722	13,388	14,060	14,215
As % of total external debt stock	37.5	39.5	37.3	36.5	37.4	37.9
JSE listed bonds	2,042	2,042	492	492	492	335
As % of total external debt stock	6.3	6.0	1.4	1.3	1.3	0.9
External debt excluding Rand	19,618	21,197	20,252	21,304	22,168	22,157
As % of total	60.4	62.0	59.4	58.1	59.0	54.0
Total Debt service	2,671	2,560	4,563	2,783	3,188	3,453
Domestic debt service	1,870	2,075	2,132	2,210	2,191	2,480
External debt service	801	485	2,431	573	996	973
Domestic debt stock	97,731	101,519	103,362	105,805	108,022	111,249
Treasury bills	33,257	34,480	35,109	35,655	36,457	37,632
As % of total domestic debt stock	34.0	34.0	34.0	33.7	33.7	33.8
Internal registered stock	64,474	67,039	68,253	70,151	71,565	73,617
As % of total domestic debt stock	66.0	66.0	66.0	66.3	66.3	66.2
Total Central Government debt	130,227	135,695	137,457	142,480	145,566	148,791
Proportion of total debt						
Foreign debt stock	25.0	25.2	24.8	25.7	25.8	25.2
Domestic debt stock	75.0	74.8	75.2	74.3	74.2	74.8
As % of GDP						
Foreign debt stock	16.6	16.9	16.3	16.9	16.9	16.3
Domestic debt stock	50.1	50.2	49.4	48.7	48.5	48.4
Total debt % of GDP	66.7	67.4	65.8	65.6	65.3	64.8
End of Period Exchange rate in terms of N\$						
US Dollar	16.2459	17.6551	16.9625	17.8506	18.7467	18.9536
EUR	16.9874	17.9876	18.0765	19.4443	20.3755	20.0517
RMB	2.4266	2.5320	2.4394	2.6000	2.5853	2.6036
CHF	17.0358	18.4332	18.3655	19.5122	20.8551	20.7469
SDR	21.6450	22.9358	22.5989	24.0096	25.0313	24.9066
JPY	0.1189	0.1244	0.1280	0.1343	0.1295	0.1269
KWD	52.5189	58.2955	55.5558	58.4621	63.9253	61.2588

Sources: MoFPE, BoN and NSA

#### **DOMESTIC DEBT**

**Total domestic debt rose both year-on-year and quarter-on-quarter during the second quarter of FY2023/24.** The Government's total domestic debt rose by 9.6 percent and 3.0 percent, year-on-year and quarter-on-quarter, respectively, to N\$111.2 billion during the second quarter of FY2022/23 (Table 4.2). The increase was reflected in both TBs and IRS, mainly on account of increased borrowing to meet the Government's financing requirements. As a percentage of GDP, domestic debt declined on a yearly basis by 1.8 percentage point to 48.4 percent, owing in part to a higher rolling quarterly GDP compared to the previous fiscal year. On a quarterly basis, domestic debt as a percentage of GDP declined by 0.1 percentage point from 48.5 percent during the period under review.

#### **EXTERNAL DEBT**

The stock of external debt rose over the year to the end of September 2023, mainly owing to exchange rate depreciation, coupled with the disbursement of the AfDB and the KFW loans. The Central Government's external debt stock rose by 9.8 percent to N\$37.5 billion during second quarter of the FY2023/24 (Table 4.2). The yearly rise was due to the disbursement of a N\$2.3 billion AfDB loan in December 2022 as well as a N\$1.4 billion KFW loan during March 2023 and the N\$93.1 million KFW loan for the water sector support program in August 2023. Furthermore, the depreciation of the Namibia Dollar against major trading currencies, predominantly the US Dollar, also led to the rise in external debt. On a quarterly basis, external debt declined by 0.01 percent from N\$37.5 billion registered during the previous quarter. This was owing to the redemption of one of the JSE bonds in August 2023, although the depreciation of the Namibia dollar against major trading currencies slightly offset this decline. As a ratio of GDP, external debt declined by 0.6 percentage point to 16.3 percent at the end of September 2023, owing a higher four quarter rolling GDP compared to the previous fiscal year.

#### **DEBT SERVICE**

Total debt service rose both on a yearly and quarterly basis, during the second quarter of the FY2023/24, driven mainly by interest on new loans coupled with the principal payment of one of the JSE bonds during the quarter under review. Total Central Government debt service rose year-on-year and quarter-on-quarter by 34.9 percent and 8.3 percent respectively, to N\$3.5 billion during the quarter under review (Table 4.2). The increase on a yearly and quarterly basis was driven mainly by the interest payments on new loans such as the loan from the AfDB as well as the Rapid Financing Instrument (RFI) loan from the IMF as well as the redemption of one of the JSE bonds. As a percentage of Government revenue, total debt service rose by 0.4 percentage points to 4.4 percent over the same period.

The Multilateral loans were the main contributor to the Government's external debt instruments during the quarter under review.

30 Sep 2022

30 Sep 2023

6.0

7.6

37.9

11.0

46.9

JSF listed bonds

Figure 4.3: External debt by type (percent)

Source: MoFPE

**■**Eurobonds

■ Bilateral Loans ■ Multilateral Loans

50.2

■ Multilateral Loans

■JSE listed bonds

■ Bilateral Loans

**■** Eurobonds

Multilateral loans were the major component of the Government's external debt stock during the period under review. At the end of September 2023, multilateral loans accounted for 50.2 percent of the Government's external debt stock, which is 3.3 percentage points higher than in the previous year. This was mainly ascribed to the disbursement of the AfDB loan in December 2022 as well as that of other project-funded loans from the AfDB in March 2023 and September 2023. The Eurobond<sup>16</sup> instruments accounted for 37.9 percent of the Government's external debt stock, which was 1.6 percentage point lower than at the end of September 2022 (Figure 4.2). The share of bilateral loans also increased by 2.9 percentage points mainly attributed to the disbursement of the KFW loan in March 2023 for budget support, coupled with the disbursement of a further KFW loan in August 2023 for the water sector support program. Meanwhile, the share of JSE-listed bonds declined by 5.1 percentage points to 0.9 percent, due to the redemption of one of the JSE bonds during August 2023.

At the end of September 2023, the Rand, US Dollar and the SDR were the top three major currencies component in the Government's external debt instruments during the quarter under review. 30 Sep 2022 30 Sep 2023 12.6 12.6 0.1 3.1 3.3 38.2 37.7 41.0 40.6 ■ Euro ■ US Dollar ■ Rand ■ US Dollar ■ Rand Euro SDR Others Yen ■ RMB SDR Others Yen ■ RMB

Figure 4.4: External debt currency composition (percentage share)

Source: MoFPE

#### CURRENCY COMPOSITION

The Rand, US Dollar and the SDR were the top three major dominant currencies in the Government's total external debt stock at the end of September 2023. The top three biggest currencies in the Government's external debt stock comprised of the Rand, the US Dollar and the SDR accounting for a percentage share of 41.0 percent, 38.2 percent, and 12.6 percent, respectively at the end of September 2023 (Figure 4.3). When compared to the corresponding quarter in the previous year, the percentage share of the Rand increased by 0.4 percentage points, owing to the disbursement of the AfDB loan in December 2022. Furthermore, the share of the US Dollar, rose by 0.5 percentage points compared to the corresponding quarter of the previous year, while the percentage share of the SDR, rose slightly by 0.1 percent. The Renminbi (RMB) and Euro constituted the fourth and fifth largest share in the Government's external debt portfolio at the end of the year under review, accounting for 5.1 percent and 3.1 percent, respectively.

# CENTRAL GOVERNMENT LOAN GUARANTEES

Total Central Government loan guarantees declined both on a yearly and quarterly basis, during the second quarter of FY2023/24, due to repayments made on domestic and foreign loans that were guaranteed by Government. Central Government's total loan guarantees declined on a yearly basis by 13.8 percent, to N\$8.8 billion during the period under review (Table 4.3). This was due to repayments of foreign loans which were guaranteed by Government in the transport, communication sectors as well as the development finance institutions. Furthermore, the repayment of domestic loan, which were guaranteed in the fishing, energy, tourism and transport sectors also contributed to the decline in total loan guarantees. On a quarterly basis, total loan guarantees declined by 5.6 percent, driven by a decline in both domestic and foreign loan guarantees. As a percentage of GDP, total Central Government loan guarantees declined on a yearly and quarterly basis by 1.2 percentage point and 0.4 percentage point, respectively, to 3.9 percent during the quarter under review. At this ratio, total loan guarantees remained well below the Government's set ceiling of 10.0 percent of GDP, which signifies a low contingency liability risk.

Table 4.3: Central Government loan guarantees (N\$ million, unless otherwise stated)

	2021/22		202:	2/23		202	3/24
	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Four quarter rolling Fiscal GDP	188,781	195,224	202,196	209,035	217,038	222,773	229,616
<b>Domestic Guarantees</b>	1,748	1,943	2,023	2,023	1,832	1,853	1,755
As % of Total Guarantees	16.9	18.8	19.8	20.7	19.3	19.9	19.9
Foreign Guarantees	8,611	8,417	8,079	7,753	7,643	7,468	7,048
As % of Total Guarantees	83.1	81.2	80.0	79.3	80.7	80.1	80.1
Total Guarantees	10,360	10,361	10,102	9,776	9,475	9,321	8,803
Domestic guarantees as % of GDP	0.9	1.0	1.0	1.0	0.8	0.8	0.8
Foreign guarantees as % of GDP	4.5	4.3	4.0	3.7	3.5	3.4	3.1
Total guarantees as % of GDP	5.5	5.3	5.0	4.7	4.3	4.2	3.9

Source: BoN, MoFPE and NSA

#### **DOMESTIC LOAN GUARANTEES**

Domestic loan guarantees declined on a yearly basis during the second quarter of FY2023/24 but rose on a quarterly basis. Total domestic loan guarantees declined year-on-year by 13.2 percent to N\$1.8 billion (Table 4.3). The yearly decline was primarily driven by a repayment of loans that were guaranteed for the fishing, energy, tourism and transport sectors, during the quarter under review. Furthermore, on a quarterly basis, domestic loan guarantees decline by 5.3 percent from N\$1.9 billion, owing to the repayment of some loans that were guaranteed in the fishing, tourism and transport sectors. As a percentage of GDP, domestic loan guarantees declined on a yearly by 0.2 percentage point to 0.8 percent but remained unchanged on a quarterly basis.

In terms of sectoral distribution, the agriculture sector dominated total domestic loan guarantees during the period under review. The share of total domestic loan guarantees issued to the agriculture sector stood at 51.2 percent during the second quarter of the FY2023/24, rising by 12.1 percentage point compared to corresponding quarter in the previous fiscal year. The energy sector took up the second largest share in terms of sectoral allocation with a percentage share of 24.1 percent, although its share declined by 9.1 percent, owing to the repayment of some loans that were guaranteed in that sector, couple with more guarantees issued to the agricultural sector. The development financial institutions took up the third largest share, with a percentage share of 16.2 percent, while the transport sector took up the fourth largest share, representing a share of 5.8 percent. The remaining portion of the domestic loan guarantees was issued to the tourism sectors representing shares of 2.7 percent (Figure 4.4).

100.0 90.0 80.0 70.0 Percentage share 60.0 50.0 40.0 30.0 20.0 10.0 0.0 Q1 Q2 Q3 Q4 Q1 Q2 2018/19 2019/20 2020/21 2021/22 2022/23 2023/24 ■ Energy Education Fisheries ■ Transport Development Finance Institution Agriculture Tourism

Figure 4.4: Domestic loan guarantees by sector

Source: MoFPE

#### **FOREIGN LOAN GUARANTEES**

**Total foreign loan guarantees declined on a yearly and quarterly basis during the second quarter of FY2023/24.** Total foreign loan guarantees declined year-on-year and quarter-on-quarter by 12.8 percent and 5.6 percent to N\$7.0 billion during the fiscal quarter under review. The decline was mainly ascribed to repayments of some foreign loans that were guaranteed by Government in favour of the transport, the development finance institutions and communication sectors. As a percentage of GDP, total foreign loan guarantees declined on a yearly and quarterly basis by 0.9 percentage point and 0.3 percentage point, respectively, to 3.1 percent (Table 4.3).

The development finance institutions and the transport sector remained the largest contributors to the foreign loan guarantees during the period under review. The development finance institutions accounted for 64.5 percent of total foreign loan guarantees during the period under review. This represents a decline of 0.1 percentage point relative to the corresponding period of FY2022/23. Meanwhile, foreign loan guarantees in favour of the transport sector, which is the second largest with a percentage share of 30.6 percent, declined by 0.1 percentage point compared to the corresponding quarter in the previous fiscal year (Figure 4.5). The communication sector accounted for 4.8 percent of total foreign loan guarantees.

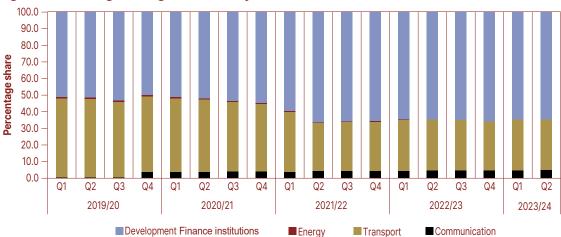


Figure 4.5: Foreign loan guarantees by sector

Source: MoFPE



## **BALANCE OF PAYMENTS OVERVIEW**

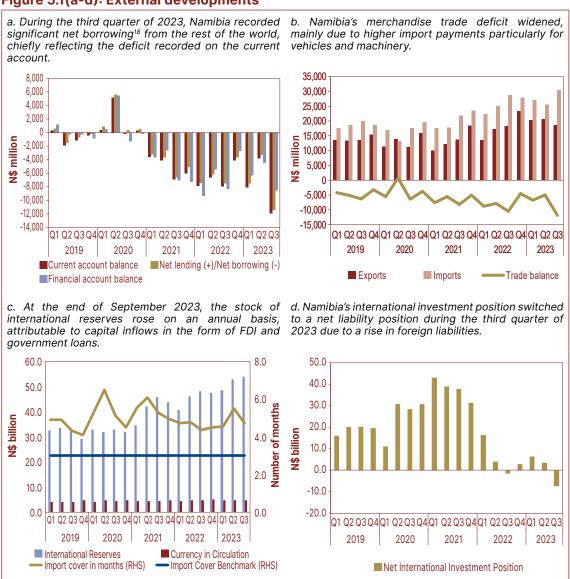
The record high deficit on the current account registered during the third quarter of 2023 was largely financed by financial account inflows, allowing for moderate accumulation of foreign reserves. The heightened deficit of N\$11.9 billion in the current account was largely offset by non-reserve-related financial account inflows in the form of foreign direct investment and other investments during the third quarter of 2023. With inflows countering the large current account shortfall, the Bank of Namibia recorded a moderate increase of N\$828 million in reserves during the quarter under review.

Table 5.1: Balance of Payments overview<sup>17</sup>, N\$ million

(Inflo	ws +, outflows -) unless otherwise indicated	2nd Quarter 2023	3rd Quarter 2023	
1.	Current account (deficit -)	-3,837	-11,932	
2.	Capital transfer (inflow +)	544	542	
3.	Financial account excluding reserve action (outflow -, inflow +)	9,446	9,379	
4.	Unidentified transactions (outflow -, inflow +)	-1,245	2,839	
5.	= (1+2+3+4) Balance of Payments before reserve action	4,908	828	
6.	Reserve action: Liabilities related to reserves	-	-	
7.	= 5+6 Gross reserves (increase +, decrease -)	4,908	828	
8.	= $(3+6-7)$ Net borrowing (+) with reserve action	4,538	8,551	

The sign convention in this "additive flow" overview table differs from the sign convention in the statistical tables at the back of the Quarterly Bulletin report.

#### Figure 5.1(a-d): External developments



Source: BoN, NSA and various companies and SARB

#### **CURRENT ACCOUNT**

The deficit on the current account widened both on an annual and quarterly basis, largely due to a worsening merchandise trade deficit coupled with outflows on the services account. The deficit on the current account widened to a recored N\$11.9 billion during the third quarter of 2023, from N\$8.0 billion recorded a year ago and N\$3.8 billion recorded in the previous quarter (Table 5.2). This was due to a worsening merchandise trade deficit which coincided with higher outflows from the services account. As a ratio of quarterly GDP, the current account deficit stood at 20.0 percent in the third quarter of 2023, relative to deficits of 5.5 percent and 15.1 percent registered in the preceding quarter and the corresponding quarter of 2022, respectively.

<sup>18</sup> The sum of the balances on the current and capital accounts represents the net lending (surplus) or net borrowing (deficit) by the Namibian economy with the rest of the world.

Table 5.2: Major current account categories (N\$ million)

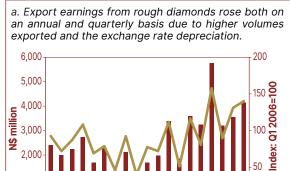
		20	22		2023					
	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
	•					•				
Merchandise exports	13,581	17,275	18,267	23,390	20,377	20,577	18,553			
Diamonds (rough)	1,855	3,592	3,250	5,748	3,878	3,922	4,134			
Uranium	1,024	2,147	3,235	4,857	3,479	3,036	2,021			
Other mineral products	2,626	2,097	2,302	3,050	3,423	3,124	3,148			
of which gold	1,753	1,407	1,504	2,197	2,672	2,370	2,609			
Food and live animals	609	700	684	1,822	757	900	972			
Manufactured products	5,764	6,165	6,624	5,472	6,695	7,494	6,138			
of which processed fish	3,110	3,281	2,820	2,582	3,853	4,036	3,263			
of which polished diamonds	1,645	1,779	2,462	1,690	1,836	2,186	1,797			
Other commodities	449	531	487	504	465	660	627			
Re-exports	1,254	2,042	1,685	1,936	1,680	1,441	1,514			
Merchandise imports	22,360	25,128	28,748	27,908	27,108	25,546	30,414			
Consumer goods	6,192	6,317	7,550	7,872	6,888	7,558	7,717			
Mineral fuels and oils	4,966	7,283	7,687	5,592	6,895	4,815	7,283			
Vehicles, aircraft, vessels	1,951	1,932	2,233	3,019	3,125	2,971	3,451			
Machinery, mechanical, electrical appliances	3,313	3,661	4,279	3,938	4,025	4,242	5,390			
Base metals and articles of base metals	1,519	1,423	1,465	1,566	1,280	1,381	1,887			
Products of the chemical industries	2,044	2,304	2,598	2,779	2,117	2,510	2,613			
Other imports	2,374	2,208	2,937	3,142	2,778	2,070	2,073			
Merchandise trade balance	- 8,779	- 7,853	- 10,482	- 4,519	- 6,731	- 4,969	- 11,861			
Services (net)	- 1,686	- 380	414	- 1,058	- 3,090	- 3,383	- 5,737			
of which Travel	252	677	1,274	848	747	1,418	1,645			
Primary Income (net)	-1,329	-2,344	-1,779	-2,548	-2,217	-2,092	-1,139			
Compensation of employees (net)	-81	- 64	10	30	- 17	33	10			
Investment income (net)	-1,262	-2,298	-1,801	-2,594	-2,255	-2,279	-1,209			
Direct investment (net)	-2,035	-2,412	-2,379	-3,066	-3,371	-2,829	-2,212			
Portfolio investment (net)	915	147	612	439	1,097	581	1,004			
Other investment (net)	-251	-156	-201	-179	-246	-303	-368			
Other Primary Income (net)	14	18	12	16	55	154	60			
Secondary Income (net)	3,903	3,934	3,876	4,022	3,968	6,607	6,804			
of which SACU receipts	3,688	3,547	3,547	3,547	3,547	6,087	6,087			
Current account balance	-7,891	-6,643	-7,970	-4,103	-8,069	-3,837	-11,932			

#### MERCHANDISE TRADE BALANCE

**During the third quarter of 2023, Namibia's merchandise trade deficit widened due to high import payments for vehicles and machinery.** On an annual basis, the trade deficit widened by 13.2 percent to N\$11.9 billion (Figure 5.1b). This was due to a rise in import payments of 5.8 percent to N\$30.4 billion. The increase in imports was primarily reflected in the imports of vehicles and machinery, which rose by N\$1.2 billion and N\$1.1 billion to N\$3.5 billion and N\$5.4 billion, respectively, contributing to the rise in the trade deficit. Merchandise export receipts rose on an annual basis by 1.6 percent to N\$18.6 billion, chiefly ascribed to higher earnings from *rough diamonds, food and live* animals.

Similarly, the merchandise trade deficit worsened significantly on a quarterly basis. The trade deficit worsened by 138.7 percent mainly on the back of higher import payments and a fall in export earnings. Imports rose by 19.1 percent quarter-on-quarter to N\$30.4 billion, reflected mainly in the importation of mineral fuels, machinery as well as articles of base metals following higher volumes imported during the period under review. Exports on the other hand fell by 9.8 percent to N\$18.5 billion chiefly attributable to lower export receipts from uranium, processed fish and processed diamonds on the back of lower volumes exported. However, the seasonally adjusted trade balance which removes the effects of seasonality worsened less forcefully by 30.7 percent quarter-on-quarter, largely since imports are usually higher in the third quarter in preparation for brisk shopping as the year-end approaches.

#### Figure 5.2 (a-f): Merchandise exports



1,000

2019

2020

b. Export earnings from uranium fell both on an annual and quarterly basis, due to lower volumes exported on the back of shipping challenges.



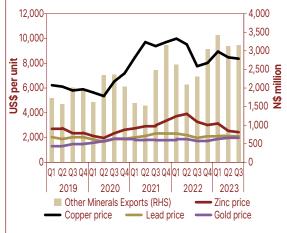
■ Diamond export value —— Diamond export volume (RHS)

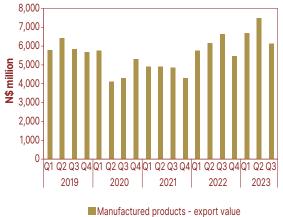
2022

2021

c. The value of other mineral exports <sup>19</sup> rose both on an annual and quarterly basis, primarily ascribed to higher volumes of gold exported during the review period.

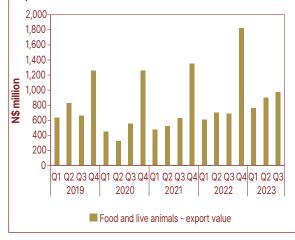
d. Export earnings from manufactured products fell both on an annual and quarterly basis, mainly driven by lower proceeds from beer, processed fish and polished diamonds.

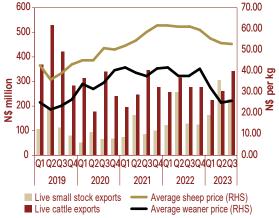




e. Export earnings from food and live animals<sup>20</sup> rose both year-on-year and quarter-on-quarter, chiefly owing to developments in live animal volumes exported.

f. During the period under review, the average price of sheep and weaners fell both on a yearly and quarterly basis.





Source: BoN surveys

<sup>19</sup> These include gold, zinc concentrate, copper concentrate, lead concentrate, salt, manganese, dimensional stones, and marble stones.

<sup>20</sup> This category includes the value of food exports as well as live animal exports specifically cattle, sheep, goats and other

#### MINERAL EXPORTS

#### **Rough diamonds**

Diamond export earnings rose during the third quarter of 2023, driven by higher volumes exported as well as the depreciation of the local currency. Despite a yearly and quarterly fall in realized prices for rough diamonds, the value of *rough diamond* exports still rose by 27.2 percent and 5.4 percent to N\$4.1 billion, year-on-year and quarter-on-quarter, respectively (Figure 5.2a). This was supported by increased exported volumes as well as the depreciation of the Namibia Dollar against the US Dollar during the review period. The demand for diamond jewelry ahead of the key holiday sales season in key markets such as the US also contributed to the higher export volumes during the review period.

#### Uranium

**Export earnings from uranium fell both on an annual and quarterly basis, due to lower volumes exported on the back of shipping challenges.** During the third quarter of 2023, uranium export earnings fell by 37.5 percent and 33.4 percent on an annual and quarterly basis, respectively to N\$2.0 billion, mainly attributable to a fall in volumes exported (Figure 5.2b). In the spot market, the average international price of uranium rose by 27.5 percent and 14.9 percent on an annual and quarterly basis, respectively, to US\$62.6 per pound. The rise in international prices of uranium continues to be primarily driven by increased global demand for the use of nuclear energy as an alternative to carbon emitting energy sources.

#### Other mineral exports

The value of other mineral exports rose both on an annual and quarterly basis, primarily ascribed to higher gold volumes exported during the review period. Export earnings from other minerals rose by 36.8 percent and 0.8 percent year-on-year and quarter-on-quarter, respectively, to N\$3.1 billion (Figure 5.2c). This rise was reflected through higher gold volumes exported from the high-grade ore mined coupled with the higher international gold prices as well as the depreciation of the local currency against the US Dollar during the period under review. In this regard, gold export receipts rose by 73.4 percent and 10.1 percent on an annual and quarterly basis, respectively, to N\$2.6 billion, contributing to the rise in export receipts for other minerals.

#### **NON-MINERAL EXPORTS**

#### **Manufactured exports**

**Export earnings from manufactured products fell both on an annual and quarterly basis, mainly driven by lower receipts from beer and polished diamonds.** Export earnings from manufactured products declined by 7.3 percent and 18.1 percent on a yearly and quarterly basis, respectively, to N\$6.1 billion (Figure 5.2d). On an annual basis, the lower value of manufactured exports was primarily due to a decrease in beer export earnings while on a quarterly basis, the lower value of manufactured exports was mainly reflected in lower proceeds from processed fish and *polished diamonds*.

#### Food and live animals<sup>21</sup>

**Export earnings from food and live animals rose both year-on-year and quarter-on-quarter mainly attributable to an increase in the number of live animal exported.** The total value of *food and live animal* exports increased by 42.0 percent and 8.0 percent year-on-year and quarter-on-quarter, respectively to N\$972 million (Figure 5.2e). The rise in export earnings from food and live animals was supported mainly by higher export earnings from *live animals, unprocessed fish* as well as *vegetable products*. The improved marketing performance of live animals was largely due to drought considerations as well as the herd restocking activity over the past few years. Additionally, increased export earnings from vegetables and fruits to South Africa and Angola also contributed to the rise in food and live animal exports during the period under review.

<sup>21</sup> This category includes the value of food exports as well as live animals specifically cattle, sheep and goats.

During the period under review, the average price of sheep fell both on a yearly and quarterly basis while weaner prices rose on a quarterly basis but fell on an annual basis. The average prices of sheep and weaners fell by 14.9 percent and 31.4 percent on an annual basis to N\$52.05 per kilogram and N\$25.86 per kilogram, respectively (Figure 5.2f). The lower annual sheep and weaner prices were attributable to the herd restocking activity which was further propelled by an increase in animal supply, resultant from drought considerations as well as base effects from the animal movement restrictions during the third quarter of 2022 caused by the Foot and Mouth Disease. On a quarterly basis, average sheep prices fell by 2.2 percent while weaner prices rose by 3.6 percent. The fall in sheep prices was ascribed to oversupply in the market while the rise in weaner prices was due to relatively higher prices in the South African market during the quarter under review.

Namibia's key export markets during the third quarter of 2023 were South Africa, Botswana, the Euro-zone and China. 2022 Q3 2023 Q3 1.5% 0.8% 5 9% 5.5% 1.5% 21.2% 1.8% 25.1% 3.5% 4.3% 12.0% 15.3% 21.1% 17.3% 16.8% ■ South Africa (21.2%) ■ South Africa (25.1%) ■ Botswana (21.1%) ■ Botswana (23.7%) Euro-zone (16.8%) Euro-zone (17.3%) ■ People's Republic of China (15.3%) ■ People's Republic of China (12.0%) ■ United Arab Emirates (5.2%) ■ United Arab Emirates (6.5%) Canada (4.8%) Zambia (4.3%) ■ Zambia (3.5%) Canada (1.8%) ■ United States (2.4%) ■ United States (1.5%) Democratic Republic of Congo (2.3%) ■ India (1.5%) Angola (0.8%) Israel (1.5%) Rest of the world (5.9%) Rest of the world (5.5%)

Figure 5.3a: EXPORTS BY DESTINATION

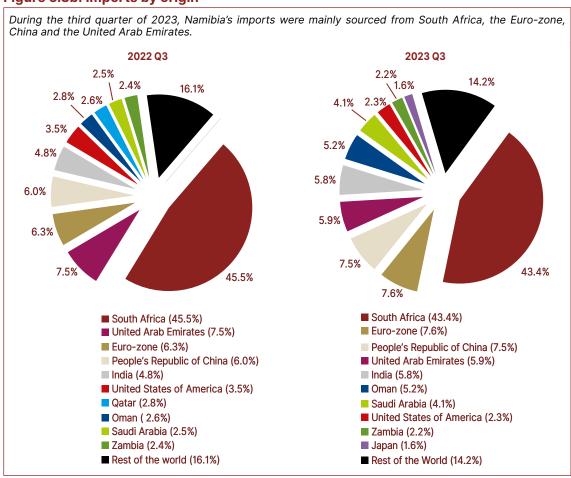
Source: NSA

The bulk of Namibia's merchandise exports during the third quarter of 2023 was absorbed by South Africa, Botswana, the Eurozone and China. Year on year, Namibia's merchandise exports to South Africa rose, taking up the largest share of 25.1 percent, reflecting the rise in the export value of gold, cattle, sheep, fish, edible vegetables and salt. Botswana took up the second largest share of 23.7 percent, reflecting the rise in the export value of rough diamonds, re-export of mineral fuels, salt, and preparations of cereals, and flour. The third largest share was taken up by the Euro-zone amounting to 17.3 percent, mainly in the form of fish, uranium, rough diamonds, processed meat, wood charcoal and salt. The fourth largest share was taken up by China and stood at 12.0 percent, comprising mainly minerals (uranium, rough diamonds, and zinc concentrate), salt, fish and processed meat. Meanwhile, the share of the United Arab Emirates accounted for 6.5 percent, largely consisting of rough diamonds. The share of exports to Zambia of 4.3 percent comprised primarily of fish, reexports of mineral fuels, and salt. Other top export destinations during the review period included Canada (1.8 percent), the United States of America (1.5 percent), India (1.5 percent) and Angola (0.8 percent) (Figure 5.3a).

#### **IMPORTS OF GOODS**

Namibia's merchandise imports increased both on an annual and quarterly basis during the third quarter of 2023. The value of merchandise imports rose by 5.8 percent and 19.1 percent year-on-year and quarter-on-quarter to N\$30.4 billion (Figure 5.1b). On an annual basis, the rise in import payments was reflected in the vehicles and machinery categories while on a quarterly basis, the rise was primarily attributable to higher imports of *mineral fuel, machinery* and *articles of base metals*. The elevated momentum in imported machinery was partly attributable to the minerals exploration during the review period. In addition, the easing of supply chain pressures that had been experienced during 2022 coupled with rising demand, continued to contribute to the rise in vehicle imports as both commercial and passenger vehicle imports rose during the period under review. Moreover, the weaker local currency continued to push up prices, leading to higher import payments during the review period. The quarterly increase in import payments for mineral fuels was ascribed to increased volumes imported.



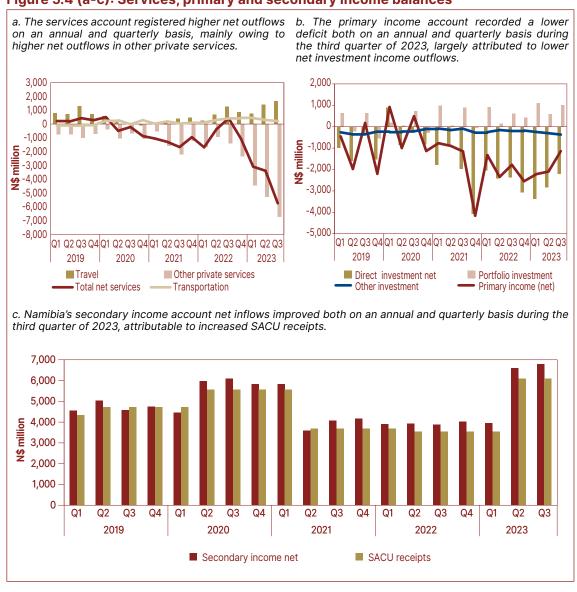


During the third quarter of 2023, Namibia's imports were mainly sourced from South Africa, the Euro-zone, China and the United Arab Emirates. In this regard, South Africa's share fell to 43.4 percent, comprising mainly vehicles, parts and accessories thereof; machinery and mechanical appliances; electrical machinery and equipment; plastics and articles thereof; articles of iron or steel; beverages; sugar; articles of apparel and clothing accessories; paper and paperboard as well as mineral fuels (Figure 5.3b). The Euro-Zone took up the second largest share of 7.6 percent of Namibia's imports mainly in the form of machinery and mechanical appliances, mineral fuels, vehicles, parts and accessories; pharmaceutical products; and optical, photographic and cinematographic equipment. Imports from China increased to 7.5 percent on the back of higher imports for machinery and mechanical appliances, electrical machinery and equipment; articles of iron or steel; plastics and articles thereof; footwear; rubber and articles thereof and articles of apparel and clothing accessories. The United Arab Emirates contributed 5.9 percent of total imports, with the main

products consisting of mineral fuels, fertilizers; machinery and mechanical appliances; perfumery, cosmetic or toilet preparations; pharmaceutical products; and vehicles, and parts and accessories. India took up a share of 5.8 percent, consisting mainly of mineral fuels, vehicles, and parts and accessories; pharmaceutical products; machinery and mechanical appliances; aluminum and articles thereof; cereals and rubber and articles thereof. Oman and Saudi Arabia came in at fifth and sixth position on total merchandise imports with shares of 5.2 percent and 4.1 percent, respectively; mainly in the form of mineral fuels. Other suppliers of merchandise imports include the United States (2.3 percent), Zambia (2.2 percent) and Japan (1.6 percent).

### SERVICES, PRIMARY AND SECONDARY INCOME

Figure 5.4 (a-c): Services, primary and secondary income balances



#### SERVICES ACCOUNT BALANCE

During the third quarter of 2023, the services account registered a higher net outflow on a yearly and quarterly basis, mainly due to increased net payments for other private services. The services account recorded a higher net outflow of N\$5.7 billion in the current quarter, compared to an inflow of N\$414 million recorded a year ago and an outflow of N\$3.4 billion recorded a quarter ago. The higher outflows on the services account were mainly ascribed to an increase in net payments for other private services which rose by N\$5.3 billion and N\$1.4 billion on an annual and quarterly

basis, respectively. This rise was mainly attributable to increased payments for *operating leases* and *technical and trade related services*, chiefly in the mining sector, on the back of the ongoing oil and gas exploration.

#### **NET PRIMARY INCOME**

The primary income account deficit decreased both on an annual and quarterly basis during the review period, largely attributed to lower net investment income outflows. The primary income account recorded a lower deficit of N\$1.1 billion relative to past deficits of N\$1.8 billion and N\$2.1 billion registered on an annual and quarterly basis (Figure 5.4b). The annual fall was attributable to higher portfolio investment inflows in the form of higher dividends and interest income received. Meanwhile the quarterly fall in the deficit on the primary income account emanated from lower reinvestment of earnings to foreign direct investors during the period under review.

#### **NET SECONDARY INCOME**

During the third quarter of 2023, Namibia's secondary income account net inflows improved both on an annual and quarterly basis, attributable to increased SACU receipts. Net inflows on the secondary income account rose by 75.5 percent and 3.0 percent on an annual and quarterly basis, respectively, to N\$6.8 billion (Figure 5.4c). The annual rise was chiefly ascribed to higher SACU receipts which rose by 71.6 percent on an annual basis to N\$6.8 billion as well as higher grants recieved by non-profit organisations during the quarter under review.

#### CAPITAL ACCOUNT

The surplus on the capital account rose on an annual basis but fell slightly on a quarterly basis during the third quarter of 2023. Inflows on the capital account increased by 18.9 percent, year-on-year, to N\$542 million, mostly ascribed to an increase in capital transfers in the form of aid received from abroad for fixed investment. The marginal quarterly fall in the capital account surplus was in part due to higher capital transfer payments to Namibian embassies abroad.

#### **NET LENDING (+)/NET BORROWING (-)**

The balance of payments posted higher net borrowing from the rest of the world during the third quarter of 2023, reflecting a higher deficit recorded on the current account. Namibia recorded a higher net borrowing position of N\$11.4 billion from the rest of the world during the third quarter of 2023 relative to N\$7.5 billion recorded a year earlier and N\$3.3 billion recorded in the previous quarter. Contributing to this was the higher current account deficit arising from a widening trade deficit.

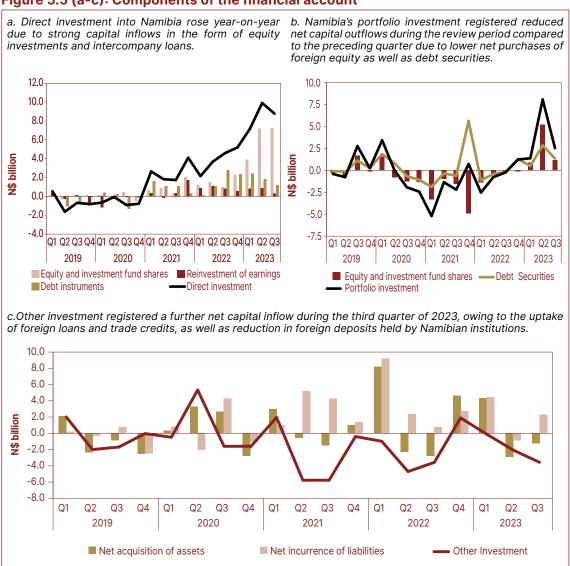
#### **FINANCIAL ACCOUNT**

During the third quarter of 2023, the financial account balance with the rest of the world recorded slightly higher net borrowing compared to the corresponding quarter of 2022. During the review period, the financial account balance recorded net borrowing from the rest of the world to the tune of N\$8.5 billion compared to N\$8.3 billion recorded in the corresponding quarter of last year (Table 5.3). Net financial inflows increased marginally during the period under review mainly due to higher inflows observed under *direct* investments. Namibia's financial account balance as a percentage of GDP was 14.3 percent compared to 15.7 percent and 8.1 percent recorded a year earlier and in the previous quarter.

**Table 5.3: Summary financial account balances** 

Period	Overall financial account flow		
	N\$ millions		
1st quarter 2022	9 350	inflow	
2nd quarter 2022	5 423	inflow	
3rd quarter 2022	8 300	inflow	
4th quarter 2022	3 001	inflow	
Full year 2022	26 074	inflow	
1st quarter of 2023	6 802	inflow	
2nd quarter 2023	4 538	inflow	
3rd quarter 2023	8 551	inflow	

## Figure 5.5 (a-c): Components of the financial account



## **DIRECT INVESTMENT**

Namibia's direct investment liabilities recorded an inflow during the third quarter of 2023, mainly due to increased equity injections for oil and gas exploration and intercompany debt. Direct investment liabilities recorded an inflow of N\$8.8 billion compared to an inflow of N\$6.1 billion registered a year ago and an inflow of N\$10.0 billion recorded in the second quarter of 2023 (Figure

5.5a). Over the year, Namibia's direct investment liabilities rose mainly due to equity injections for oil and gas exploration, and appraisal activities. Lower FDI inflows were observed on quarterly basis on account of a reduction in the uptake of intercompany loans extended to domestic subsidiaries operating in the mining sector as well as lower retained earnings by foreign owned entities.

#### **PORTFOLIO INVESTMENT**

Namibia's portfolio investment switched from a small inflow a year earlier to an outflow in the quarter under review, although such capital outflow narrowed on a quarterly basis. Namibia's portfolio investment registered a net capital outflow of N\$2.5 billion compared to a capital inflow of N\$235 million recorded a year earlier (Figure 5.5b) and a N\$8.1 billion capital outflow during the second quarter. The net outflow registered during the review period was partly driven by narrowing of the government borrowing requirements which reduced the issuance of domestic money market and capital market instruments, providing room for resident institutional investors and corporations to allocate funds externally. Moreover, continued interest rate and yield differentials which offered better returns in South Africa for resident institutional investors and corporations compared to the domestic market contributed to the outflows.

#### **OTHER INVESTMENT**

On a net basis, other investment continued to record a robust inflow in the third quarter of 2023. On an annual basis, other investment remained essentially unchanged, registering a net inflow of N\$3.6 billion. While there was a reduction in foreign-denominated deposits held with non-resident banks by Namibian deposit-taking corporations, there were offsetting changes in other items. Compared to an inflow of N\$2.1 billion recorded a quarter ago, other investment rose on a quarterly basis on account of higher uptake of trade credit facilities by Namibian entities.

# INTERNATIONAL RESERVES

The official stock of international reserves held by the Bank of Namibia increased both on an annual and quarterly basis. The stock of international reserves increased on a quarterly and annual basis by 12.0 percent and 1.4 percent, respectively to N\$53.8 billion at the end of September 2023. The annual rise was mainly due to FDI inflows in the manufacturing sector as well as foreign borrowing by the government in the form of KfW and AfDB loans. On a quarterly basis, the stock of international reserves increased marginally on account of customer foreign currencies placement worth N\$1.5 billion by commercial banks. At this level, the stock of foreign reserves was estimated to be 11.0 times higher than the N\$4.9 billion currency in circulation, remaining adequate to sustain the currency peg. The estimated cover of goods and services imports (excluding expenditure on oil and gas) stood at 4.7 months, compared to 5.5 months a quarter earlier, as third-quarter imports were exceptionally high. However, including expenditure on oil and gas, the import cover reduced to 3.9 months. At the end of November, Namibia's international reserves amounted to N\$50.6 billion. The decline was on account of net commercial bank outflows and foreign government payments.

# INTERNATIONAL INVESTMENT POSITION

At the end of the third quarter of 2023, Namibia's external balance sheet recorded a higher net liability position compared to the corresponding quarter of last year. Namibia recorded a net liability position of N\$7.5 billion, compared to a N\$1.5 billion position recorded during the third quarter of 2022, on account of higher positions of foreign liabilities in the *direct and other investment* categories. On a quarterly basis, however, Namibia's external balance sheet switched to a negative from a net asset position of N\$3.5 billion in the second quarter of 2023 (Table 5.4).

**Table 5.4: International investment position (N\$ million)** 

	2022				2023		
N\$ million	Q1	Q2	Q3	Q4	Q1	Q2	Q3
FOREIGN ASSETS	208,002	206,329	205,348	212,665	228,654	240,629	241,484
1.Direct investment	15,198	16,849	18,381	17,543	18,160	13,828	13,956
2.Portfolio investment	110,687	106,569	103,046	110,755	118,096	130,809	130,452
3. Financial derivatives and employee stock options	102	183	204	115	245	222	201
4. Other investment	41,263	36,766	35,740	36,693	43,822	42,782	43,123
5. Reserve assets	40,751	45,962	47,977	47,558	48,331	52,988	53,752
FOREIGN LIABILITIES	191,836	202,298	206,809	209,890	222,396	237,139	249,024
1. Direct investment	115,736	122,496	127,910	131,403	136,919	151,199	160,165
2. Portfolio investment	15,101	16,400	17,715	15,549	16,167	17,587	17,587
3. Financial derivatives and employee stock options	134	147	243	244	435	480	373
4. Other investment	60,865	63,255	60,941	60,318	68,989	67,874	70,898
NET ASSET (+)/LIABILITY (-) POSITION	16,166	4,032	-1,461	2,774	6,258	3,490	-7,540
Exchange rate (end of period) US Dollar	14.5144	16.2459	17.9876	16.9624	17.8505	18.6617	18.9536

# **ASSETS**

The value of Namibia's foreign assets rose on an annual and quarterly basis during the quarter under review, mainly due to increases observed in portfolio investment and foreign reserve assets. At the end of September 2023, the market value of Namibia's foreign assets increased on annual basis by 17.6 percent to N\$241.5 billion. The yearly increase was primarily boosted by portfolio investments and foreign reserves assets. Portfolio investment rose mainly on account of increased net purchases of foreign assets in the form of debt securities as well as strong revaluation gains on equity securities over the review period. The rise in foreign reserve assets was primarily due to foreign borrowing by the government in the form of KfW and AfDB loans, along with FDI inflows observed in the manufacturing sector. On a quarterly basis, Namibia's gross foreign assets increased slightly by 0.4 percent from N\$240.6 billion reported during the previous quarter. The increase was mainly due to the rise in the stock of the international reserves over the quarter.

## LIABILITIES

At the end of the third of 2023, the market value of Namibia's gross foreign liabilities increased both on a yearly and quarterly basis, due to rising direct and other investment. The market value of Namibia's foreign liabilities increased both on an annual and quarterly basis by 20.4 percent and 5.0 percent respectively, to a level of N\$249.0 billion. Direct investment rose over the year on account of ongoing inflows of capital for oil and gas exploration activities in the mining sector as well as FDI inflows in the manufacturing sector. Additionally, reinvestment of earnings and intercompany debt lending within the mining sector boosted the direct investment position, coupled with an exchange rate depreciation of the Namibia dollar. Other investment liabilities also increased due to borrowing incurred by the Namibian Government in the form of KfW and AfDB loans. Similarly, foreign liabilities increased by N\$11.9 billion on a quarterly basis, primarily as a result of higher inflows of direct investment resulting from activities related to oil and gas exploration.

# **EXTERNAL DEBT**

**Table 5.5: Foreign Debt** 

Table 5.5: Foreign Debt	2023							
		20	22		2023			
N\$ million	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
GROSS EXTERNAL DEBT POSITION	138,741	149,192	155,079	152,480	162,266	166,641	171,531	
1. Central Government	30,714	32,496	34,176	34,095	36,674	37,545	37,542	
2. State Owned Enterprises/ Parastatals	9,905	9,898	9,373	9,636	9,097	8,833	8,354	
3. Central Bank <sup>22</sup>	6,284	6,786	7,190	6,714	7,525	7,845	7,849	
4. Deposit-Taking Corporations, except the Central Bank	16,344	14,836	14,827	14,962	15,936	16,057	16,171	
5. Other Sectors <sup>23</sup>	10,719	14,088	11,881	11,939	14,830	13,791	17,134	
6. Direct Investment: Intercompany Lending <sup>24</sup>	64,775	71,087	77,631	75,134	78,203	82,571	84,480	
TOTAL GROSS EXTERNAL DEBT PAYMENTS	3,089	4,388	13,762	10,509	16,592	7,131	7,859	
1. Central Government	350	801	485	2,431	573	996	973	
2. State Owned Enterprises/ Parastatals	365	297	647	499	525	314	714	
3. Central Bank	28	28	28	28	28	28	28	
4. Deposit-Taking Corporations, except the Central Bank	64	1,449	635	631	126	853	378	
5. Other Sectors	1,901	1,382	2,563	3,091	3,154	4,191	3,889	
6. Direct Investment: Intercompany Lending	378	111	9,400	3,823	12,078	615	1,663	
Outstanding Debt Q-on-Q (percentage change)	3.6	7.5	3.9	-1.7	6.4	2.7	2.9	
Debt Servicing Q-on-Q (percentage change)	-75.6	42.1	213.6	-23.6	57.9	-57.0	10.2	
Debt Servicing to Exports F.o.B <sup>25</sup>	18.3	19.7	61.5	38.1	66.0	28.2	34.0	
Official Reserves to Short - term Debt	2.0	2.0	2.3	2.2	2.0	2.3	2.1	
EXPORTS OF GOODS AND SERVICES	16,893	22,249	22,370	27,575	25,139	25,292	23,107	
OFFICIAL RESERVES	40,751	45,962	47,977	47,558	48,331	52,988	53,752	
Exchange rate (end of period) US Dollar	14.5144	16.2459	17.9876	16.9624	17.8505	18.7466	18.95355	

 $<sup>22 \ \ \</sup>text{The central bank debt comprises special drawing rights (SDRs) allocations received from the IMF.}$ 

<sup>23</sup> The category other sectors consist of Enterprises, Namibian owned companies and EPZ's.

<sup>24</sup> Intercompany lending includes loan transaction (and transactions in other debt securities) between parent company and their subsidiaries or investee companies and between subsidiaries of the same group, unless the latter are financial intermediaries (except for insurance corporations and pension funds).

<sup>25</sup> Debt service as a percentage of merchandise exports is a good measure of serviceable debt. This is due to the fact that higher growth rates in exports build up international reserves, which in turn are used to service foreign debt. Therefore, the lower the percentage, the better. The international benchmark values give an assessment of the country's risk of debt distress. If the ratio falls below the threshold of 15.0- 25.0 percent, then the country is seen to meet its debt service obligations and is at low risk. Should the country's debt burden fall within the threshold, but stress tests indicate a possible breach in the presence of external shocks or abrupt changes in macroeconomic policies, then it would be at a moderate risk. Finally, if the country's debt burden falls above the threshold, then the country would be considered to be in debt distress and stringent policy interventions need to be taken. However, it is not a single quarter's value but rather the picture over several quarters that should be assessed.

Namibia's stock of external borrowing increased over the year to the end of the third quarter of 2023, mainly on account of direct investment firms through intercompany borrowing as well as Central Government borrowing, and increased deposits made with local banks non-resident entities. The stock of external borrowing increased both yearly and quarterly by 10.6 percent and 2.9 percent, respectively, to a level of N\$171.5 billion. Direct investment intercompany lending rose by 8.8 percent to N\$84.5 billion as result of foreign direct investor loans extended to subsidiaries within the mining sector. Similarly, the disbursement of the N\$2.4 billion KfW loan and the N\$2.3 billion AfDB loan, coupled with a depreciation of the Namibian dollar relative to the US dollar, caused the Central Government's external borrowing to rise to N\$37.5 billion over the year. Deposits by non-resident banks with local banks rose by 9.1 percent to N\$16.2 billion, on the back of cross border intragroup repurchase agreement transactions. Compared to the previous quarter, the stock of external borrowing rose by N\$4.9 billion from N\$166.6 billion.

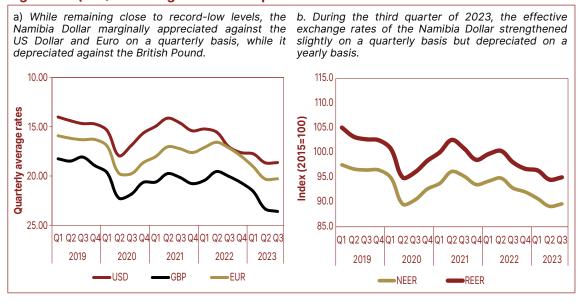
At the end of the third quarter of 2023, Namibia's ratio of official reserves to short-term debt declined when compared to the same period last year. The ratio of official reserves to short-term debt declined from 2.3 both a yearly and quarterly earlier to 2.1 and 2.3, at the end of the quarter under review. The ratio declined due to a rise in the stock of short-term debt.

Namibia's foreign debt servicing declined on a yearly basis as reflected in direct investment intercompany lending. The total value of repayments on Namibia's foreign debt declined by N\$6.3 billion on an annual basis to N\$7.4 billion. On a quarterly basis, however, foreign debt servicing increased by 4.3 percent from N\$7.1 billion reflecting domestic subsidiaries servicing repayments to their foreign parent enterprises as well as settlement of trade credits by local entities.

**Debt servicing as a percentage of exports**<sup>26</sup> **decreased on an annual basis during the third quarter of 2023, due to lower external debt servicing.** During the review period, the ratio decreased to 34.0 percent from 61.5 percent reported in the corresponding quarter of 2022. On a quarterly basis, however, the ratio increased following a rise in debt servicing. The current ratio of 34.0 percent of debt servicing to exports fell above the international benchmark<sup>27</sup> of 15.0 - 25.0 percent.

# **EXCHANGE RATE DEVELOPMENTS**

#### Figure 5.6 (a-b): Exchange rate developments



<sup>26</sup> Debt service as a percentage of merchandise exports is a good measure of serviceable debt. This is due to the fact that higher growth rates in exports build up international reserves, which in turn are used to service foreign debt. Therefore, the lower the percentage, the better.

<sup>27</sup> The international benchmark values give an assessment of the country's risk of debt distress. If the ratio falls below the threshold of 15.0-25.0 percent, then the country is seen to meet its debt service obligations and is at low risk. Should the country's debt burden fall within the threshold, but stress tests indicate a possible breach in the presence of external shocks or abrupt changes in macroeconomic policies, then it would be at a moderate risk. Finally, if the country's debt burden falls outside the threshold, then the country would be considered to be in debt distress and stringent policy interventions need to be taken.

The Namibia Dollar strengthened marginally against the US Dollar and the Euro but weakened against the British Pound on a quarterly basis as sentiment toward South Africa remained depressed. Compared to the preceding quarter, the Namibia Dollar/Rand appreciated slightly against the US Dollar and Euro by 0.1 percent and 0.2 percent, respectively; however, it depreciated against the British Pound by 1.1 percent. The appreciation was mainly due to a weaker US dollar spurred by expectations of an end to interest rate hikes in the US. On a yearly basis, the Namibia Dollar depreciated against the US Dollar, British Pound, and Euro by 9.5 percent, 17.8 percent, and 18.3 percent, respectively. The depreciation was in line with South Africa's widening budget deficit, its slower-than-expected growth and a high level of load-shedding, combined with the ongoing concerns about the Chinese economy resulting in risk aversion.

Table 5.6: Exchange rate developments: NAD per major foreign currency

Table 5.6: Exchange rate developments: NAD per major foreign currency									
Period	Quarterly averages					Chang	es (%)		
	7		3	Qua	rter-on-qua	rter	Y	'ear-on-yea	r
	USD	GBP	EUR	USD	GBP	EUR	USD	GBP	EUR
2019									
Q1	14.0134	18.2517	15.9153	-1.7	-0.5	-2.2	17.2	9.7	8.3
Q2	14.3860	18.4856	16.1711	2.7	1.3	1.6	13.9	7.6	7.4
Q3	14.6791	18.0751	16.3184	2.0	-2.2	0.9	4.1	-1.6	-0.4
Q4	14.7153	18.9357	16.2926	0.2	4.8	-0.2	3.2	3.3	0.1
2020									
Q1	15.3579	19.6289	16.9257	4.8	3.7	3.9	10.0	7.5	6.3
Q2	17.9506	22.2591	19.7417	16.9	13.4	16.6	24.8	20.4	22.1
Q3	16.9060	21.8512	19.7740	-5.8	-1.8	0.2	15.2	20.9	21.2
Q4	15.6386	20.6398	18.6366	-7.5	-5.5	-5.8	6.3	9.0	14.4
2021									
Q1	14.9548	20.6162	18.0341	-4.4	-0.1	-3.2	-2.6	5.0	6.5
Q2	14.1283	19.7536	17.0333	-5.5	-4.2	-5.5	-21.3	-11.3	-13.7
Q3	14.6181	20.1472	17.2340	3.5	2.0	1.2	-13.5	-7.8	-12.8
Q4	15.4136	20.7748	17.6246	5.4	3.1	2.3	-1.4	0.7	-5.4
2022									
Q1	15.2277	20.4466	17.1020	-1.2	-1.6	-3.0	1.8	-0.8	-5.2
Q2	15.5421	19.5453	16.5737	2.1	-4.4	-3.1	10.0	-1.1	-2.7
Q3	17.0257	20.0343	17.1482	9.5	2.5	3.5	16.5	-0.6	-0.5
Q4	17.6280	20.6743	17.9751	3.5	3.2	4.8	14.4	-0.5	2.0
2023									
Q1	17.7475	21.5618	19.0518	0.7	4.3	6.0	16.5	5.5	11.4
Q2	18.6617	23.3511	20.3145	5.2	8.3	6.6	20.1	19.5	22.6
Q3	18.6388	23.5986	20.2807	-0.1	1.1	-0.2	9.5	17.8	18.3

# TRADE WEIGHTED EFFECTIVE EXCHANGE RATES<sup>28</sup>

The Nominal Effective Exchange Rate (NEER) and Real Effective Exchange Rate (REER) strengthened on a quarterly basis. The NEER appreciated by 0.5 percent on a quarterly basis (Figure 5.6b), attributed to market expectations that the US Fed's hiking cycle has peaked on the back of softer US inflation data. However, the NEER receded by 3.4 percent on a yearly basis, driven by South

<sup>28</sup> The NEER is a trade-weighted index of the nominal exchange rate of the Namibia Dollar against the currencies of Namibia's major trading partners; the Rand, Pula, Euro, US Dollar, Yuan, Dirham and Rupee. The REER, on the other hand, takes the NEER and deflates it with the relative consumer price indices of Namibia and that of its major trading partners. An increase in the index represents an effective appreciation of the national currency, whereas a decline in the index represents an effective depreciation.

Africa's sluggish economic growth, worries over its future strength of state finances and China's slower economic growth. The REER also depreciated by 2.9 percent on a yearly basis, signaling an improvement in the competitiveness of Namibian products in international markets.

# **BOP REVISION POLICY**

The balance of payments quarterly data as disseminated to the public in this publication are subject to routine revisions carried out at the end of each quarter. When publishing the preliminary balance of payments data for a given reporting quarter, the data for the previous quarter are revised to reflect the changes. This quarterly revision generally incorporates new information stemming from secondary sources and late reports and provisional estimates which are revised or replaced. In this regard, some items published in the September 2023 Quarterly Bulletin are revised in this publication, as can be observed in Table 5.7 below. Please note that only items on which substantial revisions were made are highlighted.

In the current account, revisions were made on the exports category as well as on the services account. The current account deficit published in the September 2023 Quarterly Bulletin for the second quarter of 2023 was revised upwards by 53.6 percent from a deficit of N\$2.5 billion to N\$3.8 billion. The major revisions originated from exports which was revised upward from N\$19.5 billion to N\$20.6 billion as well as services (net) that was revised from an outflow of N\$16 million to an outflow of N\$3.4 billion. The changes are in line with routine revisions made to monthly trade statistics obtained from the customs trade system, as well as updates made on the Cross Border Foreign Exchange Transaction Reporting System as well as incorporation of additional information on oil and gas exploration.

Revisions in the financial account were mainly made in the direct and portfolio investment categories. Namibia's financial account balance for the second quarter of 2023 was revised upwards by 3.4 percent from N\$4.3 billion published in the September 2023 Quarterly Bulletin to N\$4.5 billion. This was primarily due to revisions made in the direct as well as portfolio investment categories arising from changes made on the previously submitted enterprise surveys in line with the end of period financial statements released by the surveyed companies. In this regard, net direct investment inflows were revised from N\$13.0 billion to N\$15.3 billion while net portfolio investment outflows were revised upwards from N\$5.3 billion to N\$8.0 billion.

Table 5.7: Balance of Payments revised data for the second quarter of 2023 (N\$ million)

	As published in September 2023 Quarterly Bulletin	As published in December 2023 Quarterly Bulletin	Discrepancy
<b>Current Account</b>			
Exports (fob)	19,487	20,577	1,091
Services, (net)	-16	-3,383	-3,368
Current Account Balance	-2,498	-3,837	-1,339
Financial Account			
Direct Investment (net)	-13,035	-15,307	-2 272
Portfolio Investment (net)	5,316	8,065	2,749
Financial Account Balance	-4,317	-4,464	-147



# INTRODUCTION AND OBJECTIVES

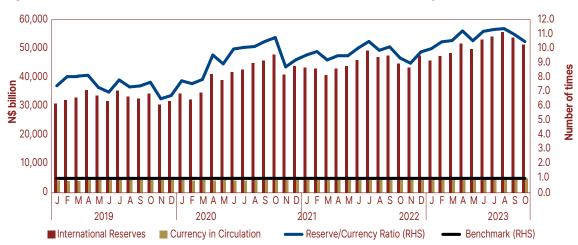
This Monetary Policy Review (MPR) analyses the factors considered by the Monetary Policy Committee (MPC) of the Bank of Namibia in the monetary policy formulation process undertaken during the second half of 2023. The MPR is aimed at enhancing the public's understanding of the conduct of monetary policy. The review provides detail of the main issues and factors that were taken into consideration during the formulation process and assesses the conduct of monetary policy during the second half of 2023. In line with the monetary policy framework (2023)<sup>29</sup>, the MPC meets six times a year and in case of emergencies, an extraordinary/special meeting may be convened as the need arises. The decisions of these meetings are published in the form of statements and minutes on the Bank of Namibia's website

# BACKGROUND TO MONETARY POLICY IN NAMIBIA

The main objective of monetary policy in Namibia is to ensure price stability in the interest of sustainable growth and development of the economy. Namibia's monetary policy has been underpinned by the fixed currency peg to the South African Rand. Maintenance of the fixed currency peg ensures that the ultimate goal of price stability is achieved by importing stable and low inflation from the anchor country, South Africa. In recent years, the South African Reserve Bank has increasingly emphasised the importance of steering inflation towards the 4.5 percent midpoint of the South African target range for inflation of 3-to-6 percent per annum.

The need to maintain adequate foreign exchange reserves is central to monetary policy implementation in Namibia. In terms of the bilateral monetary agreement between Namibia and South Africa, it is required that Namibia's currency in circulation is 100 percent backed by international reserves. To this end, the Bank of Namibia has consistently maintained a level of foreign exchange reserves that is far higher than the currency in circulation, over ten times higher in 2023 to-date, compared to the minimum level required in the Common Monetary Area (CMA) Agreement (Figure 1). This more robust reserve buffer has served Namibia well, facilitating a smooth flow of international transactions even in the presence of economic headwinds.

Figure 1: Namibia's level of international reserves versus currency in circulation

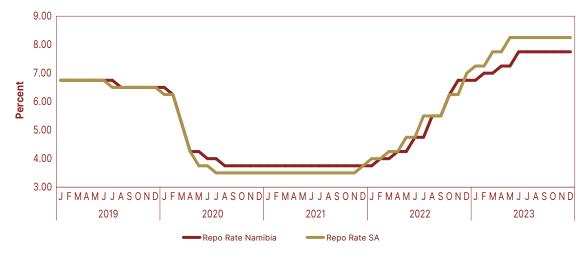


Source: BON

Ratio = Reserve holdings over currency in circulation.

Although the fixed currency peg to the South African Rand limits monetary policy independence, Namibia's monetary policy stance can still deviate to a certain degree from that of the anchor currency. If interest rates between Namibia and South Africa diverge greatly, it may trigger arbitrage activity causing disruptive capital inflows or outflows (Figure 2). In the case where Namibia's interest rates are higher, Namibia's financial markets would likely be flooded with foreign funds; alternatively, they would be drained of liquidity in the case where South Africa's Repo rate is higher. Thus, when a large interest rate differential arises, the Bank of Namibia will likely adjust its Repo rate to narrow it, thereby safeguarding the fixed currency peg. However, for smaller but non-zero interest rate margins between the two economies such large capital flows are unlikely. This is due to elements of stickiness in financial flows arising from the longer-term nature of many financial relationships as well as natural phenomena in the financial markets such as transaction costs and considerations of familiarity and convenience. These may be supplemented by capital controls and prudential requirements imposed on the banking and other financial institutions, and by the central bank buying or selling foreign exchange reserves. These powers and characteristics make it possible for the Bank of Namibia to maintain a Repo rate somewhat different from the Repo rate of the South African Reserve Bank (SARB), when warranted. It also allows it some discretion in controlling the domestic short-term interest rates, money supply, credit extension, aggregate demand and ultimately, domestically induced inflation.

Figure 2: Namibian Repo rate versus South African Repo rate



Source: BON & SARB

# **MONETARY POLICY STANCE**

# OVERVIEW OF THE MONETARY POLICY STANCE IN THE SECOND HALF OF 2023

The MPC of the Bank of Namibia kept the Repo rate unchanged in the second half of 2023. The Bank of Namibia's MPC maintained the Repo rate at 7.75 percent in the three meetings held in August, October and December as covered in this edition of the MPR. This was preceded by a cumulative 100 basis points increase during the first half of 2023. The policy rate hike pause following the June 2023 meeting was deemed appropriate to continue safeguarding the peg between the Namibia Dollar and the South African Rand and braking inflation while supporting the domestic economy. Likewise, the South African Reserve Bank opted to continue pausing rate hikes after the May meeting (Table 1). At the current level, monetary policy stances in Namibia and South Africa were broadly restrictive, in line with sticky inflationary risks stemming from the escalation of geopolitical tensions, geoeconomic fragmentation and the resurgence in crude oil prices, especially up to early October 2023.

Table 1: 2023 Meeting dates, Repo rates and real Interest rates for Namibia and South Africa

Ba	nk of Namibia		South African Reserve Bank				
Date	Repo rate Percent	Real interest rate <sup>30</sup>	Date	Repo rate Percent	Real interest rate		
Status end 2022	6.75	-0.15	Status end 2022	7.00	-0.95		
February 2023	7.00	-0.43	January 2023	7.25	0.10		
April 2023	7.25	0.90	March 2023	7.75	0.15		
June 2023	7.75	2.47	May 2023	8.25	1.45		
August 2023	7.75	3.06	July 2023	8.25	3.55		
October 2023	7.75	1.72	September 2023	8.25	2.85		
December 2023	7.75	2.10	November 2023	8.25	2.75		

Source: BON; SARB and Bank of Namibia staff calculations.

# SUMMARY OF THE AUGUST, OCTOBER AND DECEMBER MONETARY POLICY STANCE DECISIONS

The MPC decisions taken at the meetings in August, October and December 2023 were all reached following a comprehensive review of the domestic, regional and global economic developments. These decisions were deemed primarily appropriate to safeguard the one-to-one link between the Namibia Dollar and the South African Rand while supporting domestic economic activity.

# **AUGUST MONETARY POLICY STANCE**

The MPC of the Bank of Namibia kept its Repo rate unchanged during its fourth meeting of 2023. Following a 50 basis points increase at the June MPC meeting, the MPC opted to halt Repo rate hikes and kept the policy rate unchanged at 7.75 percent during the August 2023 meeting. Underlying the committee's decision were in part, the recent slowdown in inflation resulting in higher real interest rates, fair foreign reserve levels and the need to revive credit growth. The MPC also considered taking the first step to narrow the gap between the policy rates in Namibia and South Africa but noted that the level of capital flows was orderly and decided to keep the Repo rate unchanged.

<sup>30</sup> This is the nominal Repo rate, as set by the MPC, adjusted by the concurrent annual inflation rate.

The MPC noted that domestic economic activity improved, while inflation moderated. Economic activity, as measured by the real Gross Domestic Product (GDP), improved during the first quarter of 2023 compared to the fourth quarter of 2022. Similarly, year-to-date, the Namibian economy continued to exhibit positive momentum primarily shaped by activity in the mining, livestock marketing, wholesale and retail trade, communication and tourism sectors. Headline inflation decelerated notably in July 2023 to 4.5 percent, resulting in a rise in the real Repo rate. Nevertheless, average inflation stood higher during the first seven months of 2023 compared to the same period in 2022. Meanwhile, growth in credit to the domestic private sector edged up in June 2023 relative to the April 2023 number reported at the previous MPC meeting but remained weak by historical standards. Moreover, the Government's debt stock as a percentage of GDP remained above the SADC benchmark, while the liquidity position of the banking sector remained elevated. On the external front, the pressure on the current account eased as exports rose faster than imports and SACU receipts improved. Additionally, the level of international reserves remained sufficient with an import coverage of 5.7 months at the end of July 2023 continuing to safeguard the peg between the Namibia Dollar and the South African Rand and meet the country's international financing requirements.

The MPC further noted that global economic activity remained resilient and inflation had generally moderated from its 2022 highs, amid tight monetary policy stances. Preliminary data indicated that global economic activity improved during the second quarter of 2023. This was on account of the strong private consumer spending in the US and the base effects in the Chinese economy, following the easing of Covid-19 restrictions. Key commodity prices were higher in July 2023, while global equity markets gained, with bond yields increasing in some of the monitored economies. Furthermore, inflationary pressures in the monitored economies eased from their 2022 highs. Relative to the June MPC meeting, however, inflationary pressures were divergent, easing in some countries but increasing noticeably in other countries such as the United States, India and Russia. Consistent with the moderation of inflationary pressures, several key central banks kept their policy rates unchanged at their latest monetary policy meetings, while others deemed it necessary to tighten policy further in their quest to tame and anchor inflation expectations.

Against these developments, the MPC decided to maintain the Repo rate at 7.75 percent. Accordingly, the prime lending rate (a market benchmark lending rate) remained unchanged at 11.50 percent. The MPC was of the view that this policy stance would continue to safeguard the one-to-one link between the Namibia Dollar and the South African Rand, while supporting domestic economic activity. This stance was in line with those of several other monitored central banks such as those of South Africa, India, and Japan (Figure 3).

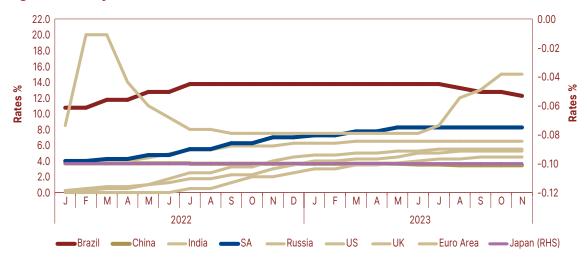


Figure 3: Policy rates in selected AEs and the BRICS

Source: Various central bank websites (2023)

# **OCTOBER MONETARY POLICY STANCE**

As in its previous meeting, the Bank of Namibia's MPC decided to keep the Repo rate unchanged in its fifth meeting of 2023. The MPC resolved to maintain the Repo rate at 7.75 percent for the second consecutive time. The committee took note that past monetary policy reactions aimed at taming inflation and expectations thereof, had begun to propagate into the economy. Accordingly, inflation slowed notably despite ticking up most recently. Additionally, the MPC recognised the burden of past policy actions on households and businesses, whom it deemed already overstretched and decided to maintain the Repo rate.

The MPC observed that domestic economic activity slowed during the second quarter of 2023, while inflation moderated from its high earlier in the year. Real GDP growth slowed during the second quarter of 2023, mainly due to contractions in the agriculture and forestry, construction, financial services as well as public administration and defence sectors. The level of growth was however regarded as firm, amid the continued positive momentum year-to-date. The growth outlook was, however, laden with downside risks from both external and domestic factors, not least because of the outbreak of the war between Israel and Hamas, and the intensification of drought in Namibia. While inflation had decelerated notably from levels above 7 percent at the start of the year to 4.5 percent in July, it had begun to reaccelerate in recent months reaching 5.4 percent in September 2023. Meanwhile, growth in private sector credit remained subdued on the back of lower demand by the corporate sector. The level of Government debt continued rising over the guarter to the end of September 2023, while the level of liquidity of the banking sector remained adequate. The current account deficit narrowed, mainly supported by improvements in the trade deficit and in secondary income. The stock of international reserves edged lower but remained adequate covering 5.6 months of imports. At this level, the international reserves were sufficient to support the currency peg between the Namibia Dollar and the South African Rand and meet the country's international financial obligations.

Furthermore, the MPC noted that global growth improved, while inflation in most instances still exceeded central bank targets resulting in generally restrictive monetary policy stances. The MPC observed that the global economy remained resilient, with the US, the Euro Area, the UK and China displaying greater strengths during the second quarter of 2023. Notwithstanding, global growth prospects for 2023 and 2024 remained modest. The International Monetary Fund projected global growth to moderate from 3.5 percent in 2022 to 3.0 percent in 2023 and 2.9 percent in 2024, mainly due to sluggish growth in the key AEs. Commodity prices in key commodity markets diverged since the previous MPC meeting, stock markets continued to record losses, while bond yields in most monitored economies increased on account of elevated interest rates and wider fiscal deficits. Furthermore, inflationary pressures worsened somewhat on account of a surge in crude oil prices. Nonetheless, most monitored central banks kept their policy rates unchanged at their most recent monetary policy meetings, except for the European Central Bank and the Bank of Russia which raised rates since the Bank of Namibia's August 2023 MPC meeting.

Based on the above, the MPC decided to maintain the Repo rate at 7.75 percent. In line with the unchanged Repo rate, the prime lending rate also remained steady at 11.50 percent. Reaching its decision to keep the Repo rate unchanged, the committee, among others, considered the implications of maintaining the interest rate gap between Namibia and South Africa in light of the Bank's mandate and keeping an adequate check on inflation. This policy stance was considered necessary to continue safeguarding the one-to-one link between the Namibia Dollar and the South African Rand, balancing it against supporting domestic economic activity, particularly in the interest of overstretched households and businesses. The MPC, however, noted that global policy interest rates were expected to remain higher for longer, at least until inflation and expectations thereof sustainably return to target levels. As such, its interest rate pause did not necessarily imply the end of the hiking cycle as future upside surprises in inflation continued to be a possibility.

# **DECEMBER MONETARY POLICY STANCE**

At its December meeting, the MPC unanimously decided to keep the Repo rate unchanged for the third consecutive time. The MPC noted that despite the recent short-term acceleration, domestic inflation was expected to fall in 2024. Additionally, real interest rates remained positive, while the domestic economy showed signs of slacking. On the global front, widening growth divergences, and slowing inflation with most monitored central banks keeping policy rates unchanged at their latest monetary policy meetings were noted. As a result, the committee decided to maintain the Repo rate at its current level of 7.75 percent.

Domestic economic activity expanded further during the first ten months of 2023, while inflation reaccelerated. The improvement was observed across most sectors, particularly mining, electricity generation, livestock agriculture, wholesale and retail trade, tourism, communication and transport. Notwithstanding, growth was expected to slow in both 2023 and 2024 compared to 2022. Risks to the domestic economic outlook remained. Inflation continued to rise since the last MPC meeting but remained well contained below the Repo rate, while credit to the private sector slowed further. The MPC also noted the narrowing of the merchandise trade balance as export earnings continued to outpace the rise in import payments. Furthermore, while the stock of foreign exchange reserves fell in November 2023, predominately due to increased commercial bank outflows, it remained adequate covering 5.1 months of imports. The level of official reserves was thus sufficient to protect the peg of the Namibia Dollar to the South African Rand and meet Namibia's international financial obligations.

Global economic activity slowed in the third quarter of 2023, with global growth falling below its long-term average rate. The MPC observed that although growth slowed, characterised by widening global divergence, it had not stalled. During the quarter under review, the US economy expanded beyond expectations, while a slowdown in the Chinese economy, reinforced by weaker growth outcomes in the Euro Area, the United Kingdom and Japan resulted in global growth falling below its long-term average of 3.6 percent. Most monitored commodity prices were observed to have declined since the last MPC meeting, although the prices of uranium and gold continued trending upwards. Meanwhile, global equity and bond markets rebounded strongly over the same period, buoyed by expectations that interest rates have peaked and a higher probability of a soft landing in the US economy in 2024. The MPC also noted that global inflation was steadily being brought under control from its 2022 highs in key economies. As such, several of the monitored central banks maintained their policy rates unchanged in their most recent monetary policy meetings. Nonetheless, global policy rates remained restrictive amid signs of having peaked.

Against this, the MPC decided to keep the Repo rate unchanged at 7.75 percent. Accordingly, the prime lending rate was held steady at 11.50 percent. The MPC noted the most recent short-term acceleration in inflation. Nevertheless, with real interest rates remaining positive, continued signs of slack in the economy, slow credit growth, a projected slowdown in inflation in 2024 and a fair level of international reserves, the MPC decided to maintain the Repo rate at its current level. This policy stance was deemed appropriate to continue to safeguard the one-to-one link between the Namibia Dollar and the South African Rand and support domestic economic activity

## **REAL INTEREST RATE DEVELOPMENTS**

Namibia's real Repo rate remained positive during the second half of 2023 as headline inflation tapered. During the period under review, headline inflation slowed from its first-quarter highs of 7.2 percent in both February and March 2023, to 4.5 percent in July 2023 before rising steadily to 6.0 percent in October 2023. The increase in the inflation rate was primarily shaped by fuel, food and housing inflation. With the key policy rate remaining steady but trending above the inflation rate, the real Repo rate remained firmly in positive territory during the second half of 2023. Notwithstanding the recent rise in headline inflation, it remained generally well-contained and posed no imminent risk to the Namibian economy. Furthermore, despite the core inflation rate (a rate more indicative of the underlying inflation momentum in the economy after discounting for highly volatile categories) trending higher, symptomatic of the pressure observed in the headline inflation, it too remained well below the Repo rate. Having the policy rate exceeding inflation supports monetary stability, a sustainable return on saving and investment, and a sound financial environment (Figure 4). Most recently, headline inflation slowed to 5.7 percent in November 2023, breaking the steady increases since August 2023, while core inflation ticked slightly higher during the same period.

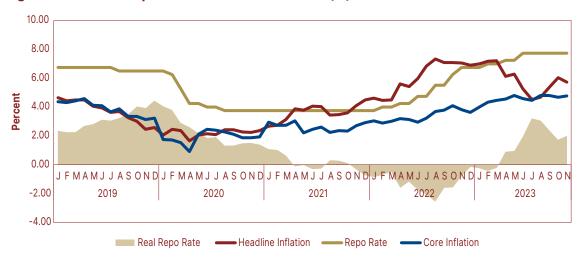


Figure 4: Namibia Repo rate versus inflation rate (%)

Source: BON

# CONCLUSION

During the three meetings covered in the current edition of the MPR, the MPC kept the Repo rate unchanged to maintain the one-to-one link between the Namibia Dollar and the South African Rand and continue supporting domestic economic activity. The Namibian economy continued to show signs of improvement, year-to-date; however, risks to the domestic economic outlook remained with growth estimated to slow in 2023 and 2024. Inflation decelerated from its prior highs but reaccelerated somewhat up to October 2023, before slowing in November 2023. Credit to the private sector remained subdued. On the other hand, real interest rates remained positive, enhancing the investment climate which has been marred by economic uncertainty. Globally, growth was observed to start exhibiting signs of slack, due to widening divergences and in line with the expected slowdown in 2023 and 2024. Consequent to the above, the MPC maintained the Repo rate at 7.75 percent at its fourth, fifth and sixth meetings of the year. Accordingly, the prime lending rate remained unchanged at 11.50 percent. The MPC considered its policy interest rate settings appropriate and in line with the monetary policy objective of maintaining price and financial stability features that are conducive to the development of the Namibian economy.

# STATISTICAL APPENDIX

# **METHODS AND CONCEPTS**

## **Balance of Payments**

#### **Accrual accounting basis**

This applies when an international transaction is recorded at the time when ownership changes hands, and not necessarily at the time when payment is made. This principle governs the time of recording for transactions; transactions are recorded when economic value is created, transformed, exchanged, transferred or extinguished.

#### **Double-entry accounting**

The basic accounting conversion for a balance of payment statement is that every recorded transaction is represented by two entries with exactly equal values. Each transaction is reflected as a credit (+) and a debit (-) entry. In conformity with business and national accounting, in the balance of payment, the term: credit is used to denote a reduction in assets or an increase in liabilities, and debit a reduction in liabilities or an increase in assets.

#### **Balance of Payments**

The balance of payments (BOP) is a statistical statement that systematically summarises transactions between residents and non-residents during a period. It consists of the goods and services account, the primary income, the secondary income, the capital account, and the financial account for a specific time period, the economic transactions of an economy with the rest of the world. Transactions, for the most part between residents and non-residents, consist of those involving goods, services, and income; those involving financial claims and liabilities to the rest of the world; and those (such as gifts) classified as transfers. It has two main accounts viz, the current account and financial account. Each transaction in the balance of payments is entered either as a credit/asset or a debit/liability. A credit/asset transaction is one that leads to the receipts of payment from non-residents. Conversely, the debit/liability leads to a payment to non-residents.

#### Residency

In the balance of payments, the concept of residency is based on a sectoral transactor's center of economic interest. Country boundaries recognised for political purposes may not always be appropriate for economic interest purposes. Therefore, it is necessary to recognise the economic territory of a country as the relevant geographical area to which the concept of residence is applied. An institutional unit is a resident unit when it has a center of economic interest in the territory from which the unit engages in economic activities and transactions on a significant scale, for a year or more.

#### **Current Account**

The current account balance shows flows of real resources or financial in the goods, services, primary income, secondary income and capital transfers between residents and non-residents. The current account balance shows the difference between the sum of exports and income receivable and the sum of imports and income payable (exports and imports refer to both goods and services, while income refers to both primary and secondary income).

#### **Merchandise Trade Balance**

This is the net balance of the total export and import of goods excluding transactions in services between residents and non-residents.

#### Goods

These are real transactions with change in the ownership of physical products and include consumer and capital goods.

#### **Primary Income**

Income covers two types of transactions between residents and non-residents: (i) those involving compensation of employees, which is paid to non- resident workers (e.g. border, seasonal and other

short-term workers), and (ii) those involving investment income receipts and payments on external financial assets and liabilities. Included in the latter are receipts and payments on direct investment, portfolio investment and other investment and receipts on reserve assets. Income derived from the use of a tangible asset e.g., car rental by a non-resident is excluded from income and is classified under services such as travel.

#### **Secondary Income**

The secondary income account shows current transfers between residents and non-residents. Various types of current transfers are recorded in this account to show their role in the process of income distributions between the economies. Transfers may be made in cash or in kind.

#### **Capital Account**

The capital account shows credit and debit entries for non-produced non-financial assets and capital transfers between residents and non-residents. It records acquisitions and disposals of non-produced non- financial assets, such as land sold to embassies and sales of leases and licenses, as well as capital transfers, that use the provision of resources for capital purposes by one party without anything of economic value being supplied as a direct return to that party.

#### **Net Lending / Net borrowing**

The sum of the balances on the current and capital accounts represents the net lending (surplus) or net borrowing (deficit) by the economy with the rest of the world. This is conceptually equal to the net balance of the financial account. In other words, the financial account (net change in financial assets minus net incurrence of liabilities) measures how the net lending to or borrowing from non-residents is financed.

#### **Financial Account**

The financial account of the balance of payments consists of the transactions in foreign financial assets and liabilities of an economy. The foreign financial assets of an economy consist of holdings of monetary gold, IMF Special Drawing Rights and claims on non-residents. The foreign financial liabilities of an economy consist of claims of non-residents on residents. The primary basis for classification of the financial account is by functional category in the following order; direct, portfolio, other investment and reserve assets.

#### **Direct Investment**

Direct investment refers to a lasting interest of an entity resident in one economy (the director investor) in an entity resident in another economy (the direct investment enterprise), with an ownership of 10 per cent or more of the ordinary shares or voting power (for an incorporated enterprise) or the equivalent (for an unincorporated enterprise).

#### Portfolio Investment

Portfolio investment is defined as cross border transactions and positions involving debt or equity securities, other than those included in direct investment or reserve assets.

#### Other Investment

Other investment covers all financial instruments other than those classified as direct investment, portfolio investment or reserve assets.

## **Reserve Assets**

Reserve assets consist of those external assets that are readily available to and controlled by monetary authority for the direct financing of payments imbalances, for indirectly regulating the magnitude of such balances through intervention in exchange markets to affect the currency exchange rate, and/ or for other purposes.

#### **Net Errors and Omissions**

Theoretically, balance of payment accounts are in principle "balanced", however, practically, imbalances will arise due to imperfections in the source of data and its quality. This will usually necessitate a balancing item to measure the difference between recorded credits and or debits and omissions. This is what is referred to as net errors and omissions.

## MONETARY AND FINANCIAL STATISTICS

#### Repo rate

The rate charged by the Bank of Namibia on advances on specific collateral to Other Depository Corporations. The Repo rate is the cost of credit to the banking sector and therefore eventually affects the cost of credit to the general public.

#### **Depository Corporations Survey**

The Depository Corporations Survey is a consolidation of the Central Bank Survey and the Other Depository Corporations Survey.

#### **Bond**

A security that gives the holder the unconditional right to a fixed money income or an income linked to some index, and except for perpetual bonds, an unconditional right to a stated fixed sum or a sum linked to some index on a specified date or dates.

#### **Currency in circulation**

Consist of notes and coins that are of fixed nominal values and are issued by central banks and governments. Currency is the most liquid financial asset and is included in narrow and broad money aggregates.

#### Narrow Money Supply (M1)

Narrow Money Supply (M1) is defined to include currency in circulation and transferable deposits of resident sectors, excluding Central Government and depository corporations.

#### **Broad Money Supply (M2)**

Broad Money Supply (M2) is defined to include currency outside depository corporations, transferable and other deposits in national currency of the resident sectors, excluding deposits of the Central Government and those of the depository corporations.

#### **Transferable Deposits**

These are deposits that are exchangeable without penalty or restriction, on demand and are directly usable for making third party payments.

#### **Other Depository Corporations (ODCs)**

The ODC sub-sector consists of all resident financial corporations (except the Central Bank) and quasi-corporations that are mainly engaged in financial intermediation and that issue liabilities included in the national definition of broad money. There are currently fourteen financial intermediaries classified as ODCs in Namibia, i.e. First National Bank of Namibia, Standard Bank of Namibia, Nedbank Namibia, Bank Windhoek, Agribank of Namibia, National Housing Enterprise, Namibia Post Office Savings Bank, Trustco Bank, Banco Atlantico, Letshego Bank Namibia, Bank BIC, Ashburton Unit Trust, Stanlib Unit Trust, Prudential, Sanlam Unit Trust, Old Mutual Unit Trust, Capricorn Unit Trust and Ninety One Namibia.

#### **Other Deposits**

The other deposit category comprises all claims, other than transferable deposits, that are represented by evidence of deposit. Different forms of other deposits are e.g. notice and fixed deposits. Other deposits is thus a component of broad money supply.

#### Other Financial Corporations (OFCs)

The OFC sub-sector at this stage consists of a sample of resident pension funds, insurance corporations and development finance institutions.

## **Deposit rate**

The deposit rate refers to the weighted average deposit rate of the ODCs i.e. the rate that ODCs declare on other deposits (e.g. time deposits).

#### **Dual-listed Companies**

Refer to those companies listed and trading on two stock exchanges, such as the Johannesburg Stock Exchange as well as on the NSX.

#### Lending rate

The lending rate refers to the weighted average lending rate, i.e. the rate charged by ODCs to borrowers

#### **Local Market in terms of NSX**

Only local (Namibian) companies listed on the NSX.

#### **Market Capitalisation**

Market Capitalisation is the total market value of a company's issued share capital. It is equal to the number of fully paid shares listed on the NSX multiplied by the share price.

#### **Free-float Market Capitalisation**

Free-float market capitalisation is the value of shares held by investors who are likely to be willing to trade. It is a measure of how many shares are reasonably liquid.

#### **Market Turnover**

Volume of shares traded on the NSX multiplied by the share price.

#### **Market Volume**

The number of shares traded on the NSX.

#### **Money Market rate**

The money market rate refers to the inter-bank interest rate; the rate at which ODCs extend credit to each other.

#### **Money Market Unit Trust (MMU)**

The MMU sub-sector consists of all resident unit trust companies that have money market funds. There are currently seven of those companies in Namibia: FNB Unit Trust, Stanlib Unit Trust, Pointbreak, Prudential, Sanlam Unit Trust, Old Mutual Unit Trust, Capricorn Unit Trust and Ninety One Namibia.

#### Mortgage rate

The rate charged on a loan for the purpose of financing construction or purchasing of real estate.

#### Overall Market in terms of NSX

Refers to all companies, local as well as foreign, listed on the NSX.

#### **Prime rate**

The rate of interest charged by Other Depository Corporations (ODC's) for loans made to its most credit-worthy business and industrial customers; it is a benchmark rate that banks establish from time to time in computing an appropriate rate of interest for a particular loan contract.

#### **Real Interest rate**

The rate of interest adjusted to allow for inflation; the nominal interest rate less the rate of inflation for Namibia, is the real interest rate.

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**Table I.1 Aggregate economic indicators** 

Current prices	2018	2019	2020	2021	2022
GDP (N\$ mil.)	181,067	181,211	174,243	183,940	206,205
% Change	5.5	0.1	-3.8	5.6	12.1
GNI (N\$ mil.)	174,380	176,764	173,521	179,675	200,331
% Change	3.5	1.4	-1.8	3.5	11.5
GDP per capita (N\$)	75,018	73,695	69,572	72,127	79,431
% Change	3.6	-1.8	-5.6	3.7	10.1
GNI per capita (N\$)	72,248	71,886	69,284	70,454	77,168
% Change	1.6	-0.5	-3.6	1.7	9.5
Constant 2015 prices					
GDP (N\$ mil.)	146,100	144,874	133,137	137,830	144,115
% Change	1.1	-0.8	-8.1	3.5	4.6
GNI (N\$ mil.)	146,520	149,845	140,567	140,737	152,400
% Change	-1.7	2.3	-6.2	0.1	8.3
GDP per capita (N\$)	60,531	58,917	53,159	54,046	55,513
% Change	-0.8	-2.7	-9.8	1.7	2.7
GNI per capita (N\$)	60,705	60,939	56,126	55,186	58,705
% Change	-3.5	0.4	-7.9	-1.7	6.4

Table I.2 GROSS DOMESTIC PRODUCT AND GROSS NATIONAL INCOME

	2018	2019	2020	2021	2022
Current prices - N\$ million					
Compensation of employees	80,165	81,261	79,987	80,541	86,356
Consumption of fixed capital	19,168	20,227	21,015	22,866	25,205
Net operating surplus	67,419	65,851	62,643	66,101	78,697
Gross domestic product at factor cost	166,752	167,339	163,644	169,509	190,258
Taxes on production and imports	14,315	13,871	10,599	14,431	15,948
Gross domestic product at market prices	181,067	181,211	174,243	183,940	206,205
Primary incomes					
- receivable from the rest of the world	4,535	4,457	3,999	5,598	5,600
- payable to rest of the world	-11,222	-8,904	-4,722	-9,863	-11,475
Gross national income at market prices	174,380	176,764	173,521	179,675	200,331
Current transfers					
- receivable from the rest of the world	20,566	21,688	25,079	20,100	18,342
- payable to rest of the world	-1,931	-2,755	-2,697	-2,581	-2,760
Gross national disposable income	193,016	195,698	195,903	197,194	215,914
Current prices - N\$ per capita					
Gross domestic product at market prices	75,018	73,695	69,572	72,127	79,431
Gross national income at market prices	72,248	71,886	69,284	70,454	77,168
Constant 2015 prices - N\$ millions					
Gross domestic product at market prices	146,100	144,874	133,137	137,830	144,115
- Annual percentage change	1.1	-0.8	-8.1	3.5	4.6
Real gross national income	146,520	149,845	140,567	140,737	152,400
- Annual percentage change	-1.7	2.3	-6.2	-0.1	8.3
Constant 2015 prices - N\$ per capita					
Gross domestic product at market prices	60,531	58,917	53,159	54,046	55,513
- Annual percentage change	-0.8	-2.7	-9.8	1.7	2.7
Real gross national income	60,705	60,939	56,126	55,186	58,705
- Annual percentage change	-3.5	0.4	-7.9	-1.7	6.4

Table I.3 NATIONAL DISPOSABLE INCOME AND SAVINGS

Current prices - N\$ million	2018	2019	2020	2021	2022
Disposable income and saving					
Gross national disposable income	193,016	195,698	195,903	197,194	215,914
Consumption of fixed capital	19,168	20,227	21,015	22,866	25,205
Net national disposable income	173,848	175,471	174,888	174,327	190,708
All other sectors	135,602	139,001	142,174	135,960	154,398
General government	38,246	36,470	32,714	38,368	36,310
Final consumption expenditure	172,072	171,733	166,646	185,488	208,988
Private	126,140	125,426	120,514	139,489	161,218
General government	45,932	46,307	46,133	45,999	47,770
Saving, net	1,776	3,737	8,242	-11,160	-18,280
All other sectors	9,462	13,574	21,660	-3,529	-6,820
General government	-7,686	-9,837	-13,418	-7,631	-11,460
Financing of capital formation					
Saving, net	1,776	3,737	8,242	-11,160	-18,280
Capital transfers receivable from abroad	1,908	1,664	1,677	2,075	1,829
Capital transfers payable to foreign countries	-182	-174	-23	-45	-61
Total	3,503	5,227	9,897	-9,130	-16,512
Capital formation					
Gross fixed capital formation	30,544	28,542	23,811	29,438	29,001
All other sectors	25,988	24,068	19,869	25,817	24,849
General government	4,556	4,475	3,942	3,621	4,152
Consumption of fixed capital	-19,168	-20,227	-21,015	-22,866	-25,205
All other sectors	-17,498	-18,393	-19,141	-20,703	-22,708
General government	-1,670	-1,835	-1,874	-2,163	-2,497
Changes in inventories	-3,535	-764	460	2,653	6,864
Net lending (+) / Net borrowing(-)	-4,338	-2,323	6,641	-18,355	-27,171
All other sectors	9,241	13,231	24,547	-5,653	-9,523
General government	-13,579	-15,554	-17,907	-12,701	-17,649
Discrepancy on GDP 1)	1	1	0	1	1
Net lending/borrowing in external transactions 2)	-4,338	-2,324	6,640	-18,355	-27,172
Total	3,503	5,227	9,897	-9,130	-16,512

Table I.4 (a) Gross Domestic Product by Activity

Current prices - N\$ Million					
Industry	2018	2019	2020	2021	2022
Agriculture, forestry and fishing	14,066	12,837	15,957	17,457	17,701
Livestock farming	5,427	5,178	6,257	7,243	6,683
Crop farming and forestry	4,118	2,977	5,130	5,365	5,950
Fishing and fish processing on board	4,521	4,682	4,571	4,848	5,068
Mining and quarrying	16,013	16,479	16,155	16,902	25,185
Diamond mining	7,915	6,060	4,720	5,710	12,154
Uranium	2,218	3,287	3,506	3,178	4,138
Metal Ores	4,552	5,758	6,852	6,451	6,963
Other mining and quarrying	1,328	1,374	1,077	1,564	1,930
Primary industries	30,079	29,316	32,113	34,359	42,885
Manufacturing	22,269	22,583	19,201	19,753	23,036
Meat processing	1,426	1,364	1,007	1,235	1,211
Grain Mill products	2,240	2,203	2,117	2,714	3,328
Other food products	5,719	5,761	4,950	5,058	5,984
Beverages	2,927	2,894	2,670	2,625	2,823
Textile and wearing apparel	467	487	472	559	634
Leather and related products	312	315	264	329	321
Wood and wood products	465	509	649	742	824
Publishing and Printing	423	435	387	380	422
Chemical and related products	997	1,042	1,073	1,023	1,174
Rubber and Plastics products	352	348	386	421	497
Non-metallic minerals products	585	640	621	652	653
Basic non-ferrous metals	2,712	2,873	1,307	639	624
Fabricated Metals	621	654	571	676	724
Diamond processing	2,421	2,352	2,104	1,967	3,012
Other manufacturing	602	706	623	734	804
Electricity and water	6,631	6,191	6,342	5,884	6,405
Construction	3,739	3,765	3,289	3,269	3,073
Secondary industries	32,639	32,539	28,832	28,906	32,514
Wholesale and retail trade, repairs	17,918	18,190	17,038	19,601	23,500
Hotels and restaurants	3,474	3,692	2,459	2,521	3,003
Transport and Storage	5,712	5,708	4,910	5,423	6,183
Transport	4,344	4,216	3,256	3,661	4,204
Storage	1,368	1,492	1,654	1,761	1,979
Information Communication	2,459	2,577	2,976	2,924	2,964
Financial and insurance service activities	13,976	12,632	12,192	13,208	14,075
Real estate activities	9,557	10,022	10,289	10,502	10,742
Professional, scientific and techical services	1,217	1,215	1,112	1,037	1,048
Administrative and support services	1,863	1,911	1,798	1,796	2,029
Arts, Entertainment & Other Service activities	3,074	3,299	3,169	3,001	3,062
Public administration and defence	20,722	20,829	20,229	18,937	19,426
Education	17,430	18,590	18,776	19,183	20,065
Health	6,148	6,017	6,327	6,746	7,042
Private household with employed persons	1,188	1,202	1,135	1,235	1,351
Tertiary industries	104,739	105,882	102,411	106,112	114,491
All industries at basic prices	167,457	167,738	163,356	169,378	189,891
Taxes less subsidies on products	13,610	13,473	10,888	14,562	16,315
GDP at market prices	181,067	181,211	174,243	183,940	206,205
our at market prices	101,007	101,211	174,243	103,940	200,205

Table I.4 (b) Gross Domestic Product by Activity

## **Percentage Contribution**

Percentage Contribution					
Industry	2018	2019	2020	2021	2022
Agriculture, forestry and fishing	7.8	7.1	9.2	9.5	8.6
Livestock farming	3.0	2.9	3.6	3.9	3.2
Crop farming and forestry	2.3	1.6	2.9	2.9	2.9
Fishing and fish processing on board	2.5	2.6	2.6	2.6	2.5
Mining and quarrying	8.8	9.1	9.3	9.2	12.2
Diamond mining	4.4	3.3	2.7	3.1	5.9
Uranium	1.2	1.8	2.0	1.7	2.0
Metal Ores	2.5	3.2	3.9	3.5	3.4
Other mining and quarrying	0.7	0.8	0.6	0.9	0.9
Primary industries	16.6	16.2	18.4	18.7	20.8
Manufacturing	12.3	12.5	11.0	10.7	11.2
Meat processing	0.8	0.8	0.6	0.7	0.6
Grain Mill products	1.2	1.2	1.2	1.5	1.6
Other food products	3.2	3.2	2.8	2.7	2.9
Beverages	1.6	1.6	1.5	1.4	1.4
Textile and wearing apparel	0.3	0.3	0.3	0.3	0.3
Leather and related products	0.2	0.2	0.2	0.2	0.2
Wood and wood products	0.3	0.3	0.4	0.4	0.4
Publishing and Printing	0.2	0.2	0.2	0.2	0.2
Chemical and related products	0.6	0.6	0.6	0.6	0.6
Rubber and Plastics products	0.2	0.2	0.2	0.2	0.2
Non-metallic minerals products	0.3	0.4	0.4	0.4	0.3
Basic non-ferrous metals	1.5	1.6	0.7	0.3	0.3
Fabricated Metals	0.3	0.4	0.3	0.4	0.4
Diamond processing	1.3	1.3	1.2	1.1	1.5
Other manufacturing	0.3	0.4	0.4	0.4	0.4
Electricity and water	3.7	3.4	3.6	3.2	3.1
Construction	2.1	2.1	1.9	1.8	1.5
Secondary industries	18.0	18.0	16.5	15.7	15.8
Wholesale and retail trade, repairs	9.9	10.0	9.8	10.7	11.4
Hotels and restaurants	1.9	2.0	1.4	1.4	1.5
Transport and Storage	3.2	3.1	2.8	2.9	3.0
Transport	2.4	2.3	1.9	2.0	2.0
Storage	0.8	0.8	0.9	1.0	1.0
Information Communication	1.4	1.4	1.7	1.6	1.4
Financial and insurance service activities	7.7	7.0	7.0	7.2	6.8
Real estate activities	5.3	5.5	5.9	5.7	5.2
Professional, scientific and techical services	0.7	0.7	0.6	0.6	0.5
Administrative and support services	1.0	1.1	1.0	1.0	1.0
Arts, Entertainment & Other Service activities	1.7	1.8	1.8	1.6	1.5
Public administration and defence	11.4	11.5	11.6	10.3	9.4
Education	9.6	10.3	10.8	10.4	9.7
Health	3.4	3.3	3.6	3.7	3.4
	0.7	0.7	0.7	0.7	3.4 0.7
Private household with employed persons	57.8	58.4	58.8		55.5
Tertiary industries				57.7	
All industries at basic prices	92.5	92.6	93.8	92.1	92.1
Taxes less subsidies on products	7.5	7.4	6.2	7.9	7.9
GDP at market prices	100.0	100.0	100.0	100.0	100.0

Table I.5 (a) Gross Domestic Product by Activity

Constant 2015 prices - N\$ million

Constant 2015 prices - N\$ million					
Industry	2018	2019	2020	2021	2022
Agriculture, forestry and fishing	10,614	10,288	10,934	11,077	11,366
Livestock farming	3,518	3,706	3,331	3,211	3,250
Crop farming and forestry	2,738	1,871	3,317	3,498	3,647
Fishing and fish processing on board	4,358	4,711	4,287	4,368	4,469
Mining and quarrying	15,357	14,024	11,925	13,242	16,098
Diamond mining	9,283	7,764	6,616	6,616	9,601
Uranium	2,559	2,447	2,233	2,575	2,512
Metal Ores	1,359	1,549	1,228	1,231	1,237
Other mining and quarrying	2,155	2,264	1,848	2,821	2,749
Primary industries	25,971	24,312	22,859	24,319	27,464
Manufacturing	17,966	18,808	15,583	15,399	16,175
Meat processing	695	778	468	458	511
Grain Mill products	2,155	2,399	2,593	2,819	2,875
Other food products	3,753	3,993	3,389	3,224	3,378
Beverages	2,639	3,103	2,094	2,453	2,593
Textile and wearing apparel	460	449	435	529	600
Leather and related products	300	293	258	317	276
Wood and wood products	458	480	572	619	642
Publishing and Printing	358	334	287	273	272
Chemical and related products	883	849	812	746	723
Rubber and Plastics products	350	342	356	336	337
Non-metallic minerals products	557	537	500	476	437
Basic non-ferrous metals	2,270	2,239	1,191	661	569
Fabricated Metals	532	537	480	501	475
Diamond processing	2,045	1,900	1,660	1,447	1,934
Other manufacturing	511	575	489	541	553
Electricity and water	2,884	2,712	3,393	3,110	3,429
Construction	3,262	3,092	2,773	2,459	2,055
Secondary industries	24,112	24,611	21,750	20,968	21,658
Wholesale and retail trade, repairs	14,526	13,308	11,744	12,493	13,247
Hotels and restaurants	2,976	3,021	2,091	2,197	2,333
Transport and Storage	4,621	4,521	3,494	3,716	3,751
Transport	3,695	3,573	2,632	2,754	2,731
Storage	926	948	862	963	1,020
Information Communication	2,315	2,590	3,040	3,251	3,331
Financial and insurance service activities	10,685	12,026	10,492	9,955	10,120
Real estate activities	8,015	8,248	8,517	8,755	8,847
Professional, scientific and techical services	1,094	1,027	934	948	995
Administrative and support services	1,570	1,524	1,365	1,307	1,358
Arts, Entertainment & Other Service activities	2,459	2,520	2,332	2,112	2,053
Public administration and defence	17,106	17,349	17,140	17,211	17,054
Education	13,079	13,287	13,396	13,735	13,946
Health	5,400	5,314	5,439	5,720	6,177
Private household with employed persons	1,006	980	906	951	981
Tertiary industries	84,852	85,715	80,890	82,351	84,195
All industries at basic prices	134,936	134,639	125,499	127,638	133,317
Taxes less subsidies on products	11,164	10,235	7,638	10,191	10,798
GDP at market prices	146,100	144,874	133,137	137,830	144,115
Source: NSA, National Accounts release March 2023	110,100		.50,107	.57,500	,

Table I.5 (b) Gross Domestic Product by Activity

Constant 2015 prices - Annual percentage changes

Constant 2015 prices - Annual percentage change					
Industry	2018	2019	2020	2021	2022
Agriculture, forestry and fishing	4.0	-3.1	6.3	1.3	2.6
Livestock farming	0.7	5.3	-10.1	-3.6	1.2
Crop farming and forestry	16.0	-31.7	77.3	5.5	4.3
Fishing and fish processing on board	0.1	8.1	-9.0	1.9	2.3
Mining and quarrying	16.1	-8.7	-15.0	11.0	21.6
Diamond mining	15.1	-16.4	-14.8	0.0	45.1
Uranium	33.4	-4.4	-8.7	15.3	-2.5
Metal Ores	1.3	14.0	-20.7	0.3	0.5
Other mining and quarrying	13.6	5.1	-18.4	52.7	-2.5
Primary industries	10.8	-6.4	-6.0	6.4	12.9
Manufacturing	-0.4	4.7	-17.1	-1.2	5.0
Meat processing	2.9	11.9	-39.8	-2.1	11.6
Grain Mill products	1.9	11.3	8.1	8.7	2.0
Other food products	1.1	6.4	-15.1	-4.9	4.8
Beverages	5.0	17.5	-32.5	17.1	5.7
Textile and wearing apparel	0.9	-2.3	-3.1	21.6	13.3
Leather and related products	4.5	-2.2	-12.0	22.8	-13.0
Wood and wood products	-11.5	4.9	19.2	8.3	3.6
Publishing and Printing	-1.6	-6.7	-14.1	-4.9	-0.3
Chemical and related products	-3.1	-3.8	-4.4	-8.1	-3.1
Rubber and Plastics products	7.0	-2.2	4.2	-5.8	0.5
Non-metallic minerals products	2.3	-3.6	-6.8	-4.8	-8.3
Basic non-ferrous metals	-14.6	-1.4	-46.8	-44.4	-13.9
Fabricated Metals	5.5	1.0	-10.8	4.4	-5.1
Diamond processing	6.4	-7.1	-12.6	-12.8	33.7
Other manufacturing	-3.1	12.5	-15.0	10.5	2.2
Electricity and water	11.3	-6.0	25.1	-8.4	10.3
Construction	-10.7	-5.2	-10.3	-11.3	-16.4
Secondary industries	-0.7	2.1	-11.6	-3.6	3.3
Wholesale and retail trade, repairs	-5.0	-8.4	-11.7	6.4	6.0
Hotels and restaurants	4.7	1.5	-30.8	5.1	6.2
Transport and Storage	0.6	-2.2	-22.7	6.4	0.9
Transport	-0.7	-3.3	-26.3	4.6	-0.8
Storage	6.5	2.4	-9.1	11.6	6.0
Information Communication	-2.2	11.9	17.4	6.9	2.5
Financial and insurance service activities	0.1	12.5	-12.8	-5.1	1.7
Real estate activities	2.7	2.9	3.3	2.8	1.0
Professional, scientific and techical services	-1.0	-6.1	-9.1	1.4	5.0
Administrative and support services	-1.0	-3.0	-10.4	-4.2	3.9
Arts, Entertainment & Other Service activities	1.0	2.5	-7.5	-9.4	-2.8
Public administration and defence	0.4	1.4	-1.2	0.4	-0.9
Education	0.4	1.6	0.8	2.5	1.5
Health	-9.1	-1.6	2.4	5.2	8.0
Private household with employed persons	-2.5	-2.5	-7.6	5.2	3.1
Tertiary industries	-1.0	1.0	-5.6	1.8	2.2
				1.8	
All industries at basic prices	1.1	-0.2	-6.8		4.4
Taxes less subsidies on products	0.4	-8.3	-25.4	33.4	5.9
GDP at market prices	1.1	-0.8	-8.1	3.5	4.6

Table I.6 (a) Expenditure on Gross Domestic Product

Expenditure category	2018	2019	2020	2021	2022
Final consumption expenditure	172,072	171,733	166,646	185,488	208,988
Private	126,140	125,426	120,514	139,489	161,218
General government	45,932	46,307	46,133	45,999	47,770
Gross fixed capital formation	30,544	28,542	23,811	29,438	29,001
Changes in inventories	-3535.0	-764.3	459.7	2652.9	6863.6
Gross domestic expenditure	199,080	199,511	190,917	217,579	244,853
Exports of goods and services	64,972	65,962	58,681	58,599	77,602
Imports of goods and services	82,985	84,264	75,356	92,238	116,249
Discrepancy	1	1	0	1	1
Gross domestic product at market prices	181,067	181,211	174,243	183,940	206,205

Source: NSA, National Accounts release March 2023

**Table I.6 (b) Expenditure on Gross Domestic Product** 

#### Percentage shares of GDP

Expenditure category	2018	2019	2020	2021	2022
Final consumption expenditure	95.0	94.8	95.9	100.8	101.4
Private	69.7	69.2	69.4	75.8	78.2
General government	25.4	25.6	26.5	25.0	23.2
Gross fixed capital formation	16.9	15.8	13.7	16.0	14.1
Changes in inventories	-2.0	-0.4	0.3	1.4	3.3
Gross domestic expenditure	109.9	110.1	109.8	118.2	118.8
Exports of goods and services	35.9	36.4	33.5	31.9	37.6
Imports of goods and services	45.8	46.5	43.2	50.1	56.4
Discrepancy	0.0	0.0	0.0	0.0	0.0
Gross domestic product at market prices	100.0	100.0	100.0	100.0	100.0

Table I.7 (a) Expenditure on Gross Domestic Product

## Constant 2015 prices - N\$ million

Expenditure category	2018	2019	2020	2021	2022
Final consumption expenditure	147,392	147,853	137,356	150,345	166,418
Private	108,140	108,031	97,394	109,781	125,567
General government	39,252	39,823	39,962	40,564	40,851
Gross fixed capital formation	26,531	24,004	19,762	23,397	20,897
Changes in inventories	-3,116	-370	-533	997	4,142
Gross domestic expenditure	170,808	171,488	156,585	174,738	191,457
Exports of goods and services	60,750	55,439	46,262	46,930	56,321
Imports of goods and services	85,458	82,054	69,710	83,838	103,663
Discrepancy	0	0	0	0	0
Gross domestic product at market prices	146,100	144,874	133,137	137,830	144,115

Source: NSA, National Accounts release March 2023

**Table I.7 (b) Expenditure on Gross Domestic Product** 

#### **Constant 2015 prices - Annual Percentage change**

1 0 0					
Expenditure category	2018	2019	2020	2021	2022
Final consumption expenditure	-0.2	0.3	-7.1	9.5	10.7
Private	-0.2	-0.1	-9.8	12.7	14.4
General government	-0.2	1.5	0.3	1.5	0.7
Gross fixed capital formation	-6.0	-9.5	-17.7	18.4	-10.7
Changes in inventories	-2.7	1.9	-0.1	1.1	2.3
Gross domestic expenditure	-3.3	0.4	-8.7	11.6	9.6
Exports of goods and services	16.1	-8.7	-16.6	1.4	20.0
Imports of goods and services	1.2	-4.0	-15.0	20.3	23.6
Discrepancy	0.0	0.0	0.0	0.0	0.0
Gross domestic product at market prices	1.1	-0.8	-8.1	3.5	4.6

**Table I.8 Gross Fixed Capital Formation by Activity** 

Industry	2018	2019	2020	2021	2022
Agriculture	2,484	2,439	1,775	1,909	2,945
Fishing	1,484	1,388	432	2,648	69
Mining and quarrying	5,547	5,460	5,218	8,154	6,184
Manufacturing	5,025	5,058	3,870	3,931	5,243
Electricity and water	906	1,464	461	734	965
Construction	937	887	540	617	999
Wholesale and retail trade; hotels, restaurants	542	775	383	463	290
Transport, and communication	4,342	1,575	1,280	1,282	1,735
Finance, real estate, business services	4,108	4,546	5,603	5,706	5,646
Community, social and personal services	310	335	289	342	545
Producers of government services	4,858	4,616	3,961	3,651	4,378
Total	30,544	28,542	23,811	29,438	29,001
Percent of GDP	16.9	15.8	13.7	16.0	14.1

Source: NSA, National Accounts release March 2023

**Table I.9 Gross Fixed Capital Formation by Activity** 

# Constant 2015 prices - N\$ million

Industry	2018	2019	2020	2021	2022
Agriculture	1,896	1,707	1,128	1,170	1,627
Fishing	1,103	954	270	1,568	38
Mining and quarrying	5,609	5,711	5,298	8,349	5,965
Manufacturing	4,351	4,092	3,002	2,912	3,589
Electricity and water	801	1,164	361	526	660
Construction	885	831	473	542	862
Wholesale and retail trade; hotels, restaurants	480	661	324	367	206
Transport, and communication	3,451	1,160	944	876	1,117
Finance, real estate, professional, administrative	3,775	3,966	4,673	4,423	3,904
Arts, entertainment, other services;private households	238	240	194	217	317
Producers of government services	3,941	3,519	3,094	2,449	2,610
Total	26,531	24,004	19,762	23,397	20,897
Annual change, per cent	-6.0	-9.5	-17.7	18.4	-10.7

**Table I.10 Gross Fixed Capital Formation by Type of Asset** 

Type of Asset	2018	2019	2020	2021	2022
Buildings	7,935	6,504	6,453	6,844	5,523
Construction works	6,557	6,781	5,128	4,862	5,379
Transport equipment	5,498	6,029	3,651	7,233	5,738
Machinery and other equipment	9,345	8,062	7,880	9,203	10,871
Mineral exploration	1,209	1,167	700	1,295	1,489
Total	30,544	28,542	23,811	29,438	29,001

Source: NSA, National Accounts release March 2023

# **Table I.11 Gross Fixed Capital Formation by Type of Asset**

#### Constant 2015 prices - N\$ million

Type of Asset	2018	2019	2020	2021	2022
Buildings	7,051	5,677	5,678	5,527	4,078
Construction works	5,266	5,150	4,016	3,242	3,130
Transport equipment	4,736	5,074	2,878	5,985	4,160
Machinery and other equipment	8,288	6,954	6,534	7,440	8,184
Mineral exploration	1,191	1,149	657	1,203	1,345
Total	26,531	24,004	19,762	23,397	20,897

Source: NSA, National Accounts release March 2023

# **Table I.12 Gross Fixed Capital Formation by Ownership**

#### **Current prices - N\$ million**

Ownership	2018	2019	2020	2021	2022
Public	8,536	6,650	5,009	4,888	5,623
Producers of government services	4,858	4,616	3,961	3,651	4,378
Public corporations and enterprises	3,678	2,034	1,048	1,237	1,245
Private	22,008	21,893	18,802	24,550	23,378
Total	30,544	28,542	23,811	29,438	29,001

Source: NSA, National Accounts release March 2023

# **Table I.13 Gross Fixed Capital Formation by Ownership**

#### Constant 2015 prices - N\$ million

Ownership	2018	2019	2020	2021	2022
Public	6,894	5,077	3,930	3,299	3,359
Producers of government services	3,941	3,519	3,094	2,449	2,610
Public corporations and enterprises	2,953	1,557	836	851	749
Private	19,637	18,928	15,832	20,097	17,538
Total	26,531	24,004	19,762	23,397	20,897

**Table I.14 Fixed Capital Stock by Activity** 

Industry	2018	2019	2020	2021	2022
Agriculture	10,872	11,249	11,782	12,007	13,011
Fishing	7,761	8,711	9,506	13,402	14,729
Mining and quarrying	76,680	76,839	77,936	85,851	89,664
Manufacturing	28,463	30,121	30,102	32,164	34,144
Electricity and water	18,323	20,511	19,564	22,899	27,222
Construction	2,156	2,123	1,960	2,010	2,101
Wholesale and retail trade; hotels, restaurants	10,839	11,374	11,121	11,984	12,796
Transport, and communication	43,570	44,069	41,480	46,636	51,144
Finance, real estate, professional, administrative	59,385	64,456	67,453	76,232	84,771
Arts, entertainment, other services;private households	1,765	1,929	2,017	2,321	2,672
Producers of government services	77,834	84,802	84,611	99,855	115,485
Total	337,650	356,184	357,533	405,361	447,737

Source: NSA, National Accounts release March 2023

**Table I.15 Fixed Capital Stock by Activity** 

# Constant 2015 prices - N\$ million

Industry	2018	2019	2020	2021	2022
Agriculture	9,554	9,443	9,345	9,255	9,117
Fishing	6,892	7,421	7,830	10,472	10,475
Mining and quarrying	71,102	69,559	69,429	72,405	70,911
Manufacturing	26,436	26,688	26,638	26,184	25,296
Electricity and water	14,804	15,276	15,074	15,069	15,080
Construction	2,071	1,962	1,789	1,671	1,578
Wholesale and retail trade; hotels, restaurants	10,030	10,027	9,821	9,741	9,501
Transport, and communication	35,061	33,845	32,670	31,399	30,019
Finance, real estate, professional, administrative	54,746	56,657	59,401	61,696	62,821
Arts, entertainment, other services;private households	1,516	1,577	1,641	1,709	1,784
Producers of government services	63,936	65,847	67,373	68,201	69,008
Total	296,148	298,304	301,009	307,801	305,590

Table I.16 (a) National Consumer Price Index (December 2012 = 100)

All Items Annual percentage changes	6.2 4.3 3.7		21	2.5	2.4	1.6	2.1	2.1	2.1	2.4	2.4	2.3	2.2	2.4	7.7		2.7	2.7	. E	, o	000	9; ç	4.0	e e	t u		; <del>-</del>	4.5	3.6		4.6	4.5	4.5	5.6	5.4	0.0	8. 6	8.7			0.4		1.0		7.0	7.2	7.2	6.1	6.3	5.3	5.4	4.7	† ;	
Allitems	100.0 127.2 132.6 137.6		130 /	139.5	140.0	139.5	140.0	140.3	140.5	141.1	141.6	141.6	141.8	140.6	0.04		143.2	143.7	1444	144.9	145.2	2, 24, 5, 5	146.2	146.2	2.00	146.0	77.0	148.2	145.7		149.7	150.1	150.9	153.0	153.1	154.7	156.2	156.7	9.00.9	15/51	158.0	1000	154.0		160.2	160.8	161.7	162.4	162.8	162.9	163.3	164.0	2	
Miscellaneous goods & services	5.39 124.0 129.2 131.8		130 /	139.1	139.3	139.7	139.7	139.9	139.9	139.8	139.3	139.4	139.0	130 E	0.95.1		148.5	148.4	148.3	148.9	1 0 0	148.1	1487	170.5	25 650	148.5	148.6	148.6	148.6		149.1	149.6	149.7	149.6	149.9	120.1	153.2	153.6	154.1	154.3	154.7	1530	0.261		159.9	160.1	160.6	160.9	161.4	162.2	161.7	162.1	2	
Hotels, cafes & restaurands	1.39 136.3 141.6		A 7 A L	150.4	149.8	150.0	149.2	149.5	149.2	146.4	150.9	149.8	149.8	149.0	2.64		149.2	149.1	149.6	149.7	0.04	150.1	150.6	150.7	200	151.2	2.5	151.9	150.4		162.7	162.5	162.5	163.7	162.8	163.0	165.4	164.6	169.9	168.0	168.4	1887	1.00.		171.2	171.2	172.3	172.4	173.7	173.9	174.1	177.5	?	
Education	3.65 135.9 149.5		176 9	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	1/9.0	179.0	170 0	0.071		179.4	180.5	180.5	180.5	7 001	180.5	180.5	0.00	5.00	180.5	180.5	180,5	180.4		186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	100.	180.1		193.2	193.2	193.2	193.2	193.2	193.2	193.2	193.2	1.00	
Recreation & culture	3.55 124.5 128.8 134.8		137.0	138.6	139.5	140.3	142.8	142.3	142.8	143.0	142.7	144.2	143.4	143./	71#17		144.5	143.4	144.2	143.9	145.2	277.0	145.8	146.6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	147.0	7.77	147.3	145.6		148.5	148.3	148.7	150.3	151.5	152.0	153.1	154.2	0.4.0	155.0	155.1	5.55	7.761		155.4	156.1	157.7	162.7	166.6	167.4	168.3	169.1	-	
Communications	3.81 106.9 107.0 108.2		108 0	109.8	109.3	109.7	110.1	110.6	110.6	111.1	111.1	113.0	112.7	12.0	10.0		113.4	113.2	112.9	113.1	3 212	112.1	112.4	110.4	1.2.1	112.1	112.2	112.1	112.6		112.2	111.9	111.7	111.9	112.0	111.9	111.7	711.2	8. 6.	112.3	112.3	111.0	E		112.4	112.5	112.4	112.3	112.3	112.3	112.3	112.6		
Transport	14.28 117.9 128.4 134.9		127.8	138.1	137.8	132.9	133.9	134.4	134.6	137.9	138.3	135.2	135.7	135.7	130.0		136.7	138.4	141.2	142.9	7 6 7 1	143.7	1488	2 8 6 7	1 0	140.6	0.51	155.1	145.9		155.1	156.7	160.7	169.9	167.8	174.7	180.0	180.4	0.7/1	170.0	7 6.8	171	1/1.4		172.3	172.2	175.5	176.3	175.3	174.5	175.4	176.3	2	
Health	2.01 125.0 131.7 135.4		0 801	138.3	138.6	138.8	139.2	139.9	139.5	139.7	139.8	139.6	139.7	130.2	23.3		1431	143.7	143.7	144.0	144.9	14.5	144.4	1778	0.44	144.7	145.2	145.5	144.3		145.8	145.2	146.1	146.4	146.8	147.1	146.9	147.0	140.6	148.6	148.4	140.4	147.0		121.1	151.7	152.0	152.1	152.3	152.7	152.9	153.2	1,000	
Furnitures, household equipment & maintenance	5.47 123.3 124.3 126.7		2000	130.0	129.1	128.6	130.5	130.0	129.3	131.1	131.7	131.6	132.2	130 E	130.3		134.3	134.6	134.4	135.4	136.1	137.3	36.0	127.1	. 6	20.00	138.1	138.6	136.6		146.1	145.7	145.2	145.9	146.7	147.1	147.6	9.50	0.101	50.1.8	152.6	140 F	146.5		154.9	156.7	156.0	156.9	157.1	157.7	157.9	158.8	2.00	
Furnitur  Food & non Alcoholic Beverages & foodwear beverages tabacco tabacco foodwear foodwear maintena	28.36 127.4 131.9 134.6		1222	133.0	133.5	133.2	133.2	133.3	133.4	132.9	133.4	133.4	133.4	133.3	2:22		134.9	134.9	134.9	134.9	0 701	135.0	135.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1.020	0:467	135.1	135.0		136.6	136.7	136.7	137.1	136.8	136.9	137.4	137.8	138.0	138.1	138.2	0.000	13/.3		140.3	140.6	140.8	140.7	140.5	140.7	141.1	141.7	7:71	
Clothing and foodwear	3.05 106.6 102.6 103.4		1002	101.4	101.5	101.0	101.2	101.5	0.66	98.1	98.8	6.76	97.7	4.78	0.66		896	8 9	2.26	97.3	0 90	90.8	0.66	0.00	t 0	0.00	0.00	95.4	96.4		95.4	95.3	95.3	95.4	92.5	92.9	96.4	96.5	7.96	96.7	97.2	1.76	90.1		9.76	7.76	97.8	2.76	0.86	97.9	98.1	98.4	9000	
Alcoholic Beverages & tabacco	12.59 135.5 142.6 149.5		150 0	151.4	151.7	151.7	152.5	154.6	155.8	154.8	155.4	57.5	157.8	12/0	2.4.0		158.4	157.8	157.4	158.1	157.0	158.4	159.6	200.0	5.60.	160.1	162.2	163.0	159.3		164.6	163.2	163.8	165.3	165.2	167.5	168.2	167.6	169.0	120.7	169.9	167.0	0./61		174.1	174.9	175.2	176.3	177.5	177.9	179.9	180.8	0.701	
Food & non alcoholic beverages	16.45 137.5 141.9 148.0		151.4	152.8	153.0	154.6	154.8	154.3	155.3	157.2	157.8	9.80	159.3	156.3	1337		159.3	161.2	163.1	163.8	185.0	165.5	164.8	2 T S T S T S T S T S T S T S T S T S T	1 000	167.1	187.8	167.6	164.7		168.2	170.0	170.7	173.2	175.9	177.0	178.5	0.081	181.1	182.3	183.4	4.70	1//.3		191.8	193.8	195.6	196.5	197.9	197.8	197.3	198.0	0.000	
2	weights 2017 2018 2019	2020	2020 lap-20	5an 20 Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	All: AV	2021	lan-21	Feb-21	Mar-21	Apr-21	May-21	lin-21	Jul-21	7.00	749-21	3eb-21	Nov-21	Dec-21	An. Av	2022	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Uct-22	Nov-22	An Av	An. Av	2023	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23 Sep-23	oep-dae	Source: NSA

Table I.16 (b) National Consumer Price Index (December 2012=100)

		Services			Goods	
2017	Index	Monthly Infl. Rate	Annual infl. rate	Index	Monthly infl. rate	Annual infl. rate 4.7
2017	125.4	0.7	8.2	128.6	0.3	
2018	130.9	0.4	4.5	133.9	0.4	4.2
2019						
Jan-19	135.8	2.7	4.5	137.2	0.1	4.8
Feb-19	136.0	0.1	4.6	136.9	-0.3	4.3
Mar-19	136.1	0.0	4.6	137.3	0.3	4.4
Apr-19	136.3	0.0	4.7	138.0	0.5	4.4
	136.3	0.2	4.6		-0.1	3.7
May-19 Jun-19	136.4	0.0	4.6	137.8 138.0	0.2	3.4
		0.1				
Jul-19	136.5		4.4	138.5	0.4	3.1
Aug-19	136.6	0.1	4.4	138.7	0.1	3.2
Sep-19	136.7	0.0	3.5	139.4	0.5	3.0
Oct-19	136.7	0.0	3.4	139.8	0.3	2.7
Nov-19	136.8	0.0	3.4	140.1	0.2	1.7
Dec-19	136.8	0.0	3.4	139.9	-0.2	2.0
An. Av	136.4	0.3	4.2	138.5	0.2	3.4
2020						
Jan-20	137.5	0.5	1.3	140.9	0.7	2.6
Feb-20	137.5	0.0	1.1	141.7	0.6	3.5
Mar-20	137.5	0.0	1.0	141.9	0.2	3.3
Apr-20	137.5	0.0	0.9	141.0	-0.6	2.2
May-20	138.7	0.9	1.7	141.0	0.0	2.3
Jun-20	138.7	0.0	1.6	141.5	0.4	2.5
Jul-20	138.7	0.1	1.6	141.9	0.3	2.4
Aug-20	138.7	-0.1	1.5	143.0	0.8	3.1
Sep-20	138.8	0.1	1.5	143.7	0.5	3.1
Oct-20	137.9	-0.6	0.9	144.5	0.5	3.3
Nov-20	137.9	0.0	0.8	144.7	0.2	3.3
Dec-20	138.0	0.0	0.9	144.7	0.0	3.5
An. Av	138.1	0.1	1.2	142.5	0.3	2.9
2021						
Jan-21	140.3	1.7	2.0	145.4	0.4	3.2
Feb-21	140.3	0.0	2.0	146.3	0.6	3.2
Mar-21	140.4	0.1	2.1	147.4	0.8	3.9
Apr-21	140.4	0.0	2.1	148.3	0.6	5.2
May-21	140.5	0.1	1.3	148.9	0.4	5.6
Jun-21	141.6	0.8	2.1	149.3	0.2	5.5
Jul-21	141.8	0.1	2.2	149.6	0.2	5.4
Aug-21	141.0	-0.5	1.7	149.8	0.1	4.8
Sep-21	141.1	0.1	1.7	150.6	0.5	4.8
Oct-21	141.2	0.1	2.4	151.0	0.3	4.5
Nov-21	141.2	0.0	2.4	152.5	1.0	5.4
Dec-21	141.7	0.3	2.7	153.2	0.5	5.8
An. Av	141.0	0.2	2.1	149.4	0.5	4.8
2022						
Jan-22	144.5	2.0	3.0	153.8	0.4	5.8
Feb-22	144.5	0.0	3.0	154.4	0.4	5.5
Mar-22	144.5	0.0	2.9	155.8	0.9	5.7
Apr-22	144.7	0.2	3.1	159.3	2.3	7.4
May-22	144.8	0.0	3.1	159.5	0.1	7.1
Jun-22	144.8	0.0	2.2	162.3	1.7	8.7
Jul-22	145.4	0.4	2.5	164.5	1.4	10.0
Aug-22	145.6	0.2	3.3	165.1	0.4	10.2
Sep-22	145.8	0.1	3.3	165.4	0.1	9.8
Oct-22	146.0	0.1	3.4	165.7	0.2	9.7
Nov-22	146.1	0.0	3.4	167.1	0.9	9.6
Dec-22	146.1	0.0	3.1	167.9	0.4	9.6
An. Av	145.2	0.3	3.0	161.7	0.8	8.3
2023						
	148.9	1.9	3.1	168.9	0.6	9.8
	148.9	0.0	3.1	170.0	0.7	10.1
Jan-23	146.9			171.5	0.9	10.1
Jan-23 Feb-23	149.0	0.0	3.1			
Jan-23 Feb-23 Mar-23	149.0				0.5	8.2
Jan-23 Feb-23 Mar-23 Apr-23	149.0 149.4	0.3	3.2	172.3	0.5 0.3	
Jan-23 Feb-23 Mar-23 Apr-23 May-23	149.0 149.4 149.7	0.3 0.2	3.2 3.4	172.3 172.8	0.3	8.2 8.3 6.5
Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jun-23	149.0 149.4 149.7 149.8	0.3 0.2 0.0	3.2 3.4 3.4	172.3 172.8 172.9	0.3 0.1	8.3 6.5
Jan-23 Feb-23 Mar-23 Apr-23 May-23	149.0 149.4 149.7	0.3 0.2	3.2 3.4	172.3 172.8	0.3	8.3

Source: NSA



Table II.1(a) Central bank survey (end of period in N\$ million)

(1)									_						•																										
sets	Jan-20	Feb-20	Mar-20	Apr-20 M.	ay-20 Ju	Jan-20 Feb-20 Mar-20 Apr-20 May-20 Jun-20 Jul-20 Aug-20 Sep-20	I-20 Aug	1-20 Sep.	.20 Oct-	Oct-20 Nov-20 Dec-20	20 Dec-2	20 Jan-21	7 Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21 Au	Aug-21 Sep	Sep-21 Oct-21	-21 Nov-21	-21 Dec-21	1 Jan-22	Feb-22	Mar-22 /	Apr-22 Ma	May-22 Jun	Jun-22 Jul-22	22 Aug-22	2 Sep-22	0ct-22	Nov-22	Dec-22	Jan-23 Fe	Feb-23 Mar	Mar-23 Apr-23	23 May-23	23 Jun-23	3 Jul-23	Aug-23	Sep-23
rt foreign assets	28,151	29,140	29,506	32,065 30,398	0,398 28	28,475 32,	235 30,	32,235 30,279 29,304	31,116	116 27,499	99 28,783	33 31,353	3 29,382	31,721	38,312	36,240	38,973	39,766 38,	227 39,	,150 41,203	203 33,962	62 37,057	7 36,486	36,379	34,466	36,288 37,	286	39,167 42,4	403 40,04	3 40,787	37,450	36,738	41,365 3	9,070 40	40,227 41,	41,295 44,4	42,078	78 45,563	47,133	48,335	46,458
aims on nonresidents	31,103	32,258	33,085	35,678 3:	33,893 31	31,926 35,	35,579 33,5	33,583 32,686	34,376	30,541	141 31,698	34,396	6 32,381	34,696	41,182	39,014	41,852 4;	12,698 44	1,929 45,8	884 47,901	901 41,036	36 43,876	6 43,296	43,023	40,751	43,017 43	43,895 45,9	45,960 49,237	37 46,993	3 47,980	44,777	43,737	48,080 4	46,059 47	47,883 48,	48,823 52,191	191 50,304	53,409	54,616	56,149	54,308
onetary gold and SDR holdings	88	32	37	37	æ	35	33	33	33	32	29	30	10 29	78	27	38	27	27 3	3,989 3,9	3,938 3,9	3,925 4,142	42 3,972	3,968	3,860	3,651	3,895	3,825 3,	3,929 3,935	35 3,994	4,136	4,214	3,981	3,819	3,908 4	4,286 4	4,214 4,2	4,253 4,521	21 4,312	4,072	4,187	4,472
reign currency	122	88	35	Ŧ	124	139	157	173	34	4	43	45 58	8 67	1	8	66	25	4	22	69	33	39 70	66	42	75	73	83	25	48 72	2 95	11	135	99	181	202	=	94	113 54	72	66	126
posits	11,846	13,130	16,845	16,280	12,853 1:	12,418 10	10,121	9,611 10,7	7,6 867,01	9,724 9,066	9,664	10,352	2 9,987	10,525	13,469	12,975	13,470	14,689 13	13,795 14,	14,872 14,88	14,896 7,911	7,884	4 8,047	7,358	7,133	6,732	7,600 8,	8,556 8,5	8,519 8,271	1 9,719	8,513	7,312	8,227	7,207	8,097	9,152 9,3	9,372 9,416	16 9,987	7 10,495	11,177	11,117
curities other than shares	19,085	19,011	16,096	19,255 2	20,866 19	19,320 25,	25,252 23,	23,751 21,8	21,807 24,564	564 21,386	86 21,946	16 23,940	0 22,282	24,051	27,587	25,916	28,314 2	27,935 27	7,086 27,0	27,002 28,9	985 28,94	940 31,947	7 31,179	31,760	29,910	32,314 32	32,384 33,	33,438 36,7	731 34,652	34,026	31,930	31,960	35,550	34,410 34	34,933 35,	35,028 38,099	35,862	38,669	39,600	40,298	38,213
ans	0	0	0	0	0	0	0	0	-0	0	-0	_	0	0	0	0	0	0	0	0	0	-	0	0	0	-0	0	-	0	0	0	0	-0	-0	0	0	0	-	0	0	0
nancial derivatives	0	0	0	0	0	0	0	0	0	0	0	_	0	-	0	0	0	0	0	0	0	-	0	0	0	-0	0	-	-	_	0	0	-0	-0	0	0	-	_	_	0	0
her Foreign Assets	15	5	5	15	15	15	15	15	*	16	16 1	14 16	16 16	15	15	9	15	m	e	m	m	m	8	m	m	ო	ო	m	m	e e	ო	350	324	353	362	358	372 38	392 388	378	389	380
ss: Liabilities to nonresidents	2,952	3,118	3,579	3,613	3,495	3,451 3,	3,345 3,3	3,304 3,382		3,261 3,042	42 2,914	3,043	3,000	2,975	2,869	2,774	2,879	2,932 6	3,702 6,7	734 6,6	70'2 869'9	74 6,819	608'9	6,644	6,285	6,729	.9 609'9	794 6,8	84 6,944	1 7,192	7,327	666'9	6,716	686'9	,656 7,	528 7,7	744 8,227	27 7,846	7,484	7,815	7,849
posits	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
curities other than shares	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
nancial derivatives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
her Foreign Liabilities	2,952	3,118	3,579	3,613	3,495	3,451 3,	3,345 3,:	3,304 3,3	3,382 3,2	3,261 3,042	42 2,914	14 3,043	3 3,000	2,975	2,869	2,774	2,879	2,932 6	6,702 6,7	6,734 6,68	6,698 7,074	74 6,819	6,809	6,644	6,285	6,729	6,609	6,794 6,834	34 6,944	7,192	7,327	666'9	91,716	6,989	7,656 7,	,528 7,7	7,744 8,227	27 7,846	7,484	7,815	7,849
aims on other depository rporations	2,066	1,380	1,679	213	92	515	154	967	183	67	0 1,041	11 846	9	6	591	1,106	1,652	1,022	735 1,0	1,054 2	201 394	94	1 1,531	867	941	1,973	445	494 2	299 530	269	516	9	9	395	9	480	40	63	 ē	110	929
t claims on central	-7,655	-7,502	-4,884	-4,452	-2,586 -2	-2,779	-7,682	-6,577 -3,885	385 -5,748	48 -3,224	24 -4,807	112' 2'	11 -5,387	-2,866	-9,021	-7,784	-11,360	-10,648	-8,921 -9,	-9,611 -10,709	1,967	67 -2,532	2 -4,366	-2,828	-305	-3,715	-2,378	2,809 -3,6	660 -2,873	3 -2,964	-1,848	819	-1,299	-3,647 -1	-1,445	574 -3,915	115 -1,871	71 -2,993	-6,019	-3,638	-3,557
aims on central government	0	0	3,002	3,905	1,698	1,265	0	0	42	08	908	0	0	1,454	0	62	0	0	0	0	0	0	0	0	1,880	0	56	0	0	0	0	930	0	0	0	,273	0	0	0	0	0
curities	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
her claims	0	0	3,002	3,905	1,698	1,265	0	0	42	0 80	908	0	0 0	1,454	0	62	0	0	0	0	0	0	0	0	1,880	0	92	0	0	0	0	930	0	0	0	,273	0	0	0	0	0
ss: Liabilities to central vernment	7,655	7,502	7,886	8,358	4,284 4	4,044 7,0	7,682 6,9	6,577 3,9	3,927 5,748	48 4,030	30 4,807	7,311	1 5,387	4,320	9,021	7,846	11,360 10	10,648 8	8,921 9,	9,611 10,709	1,967	67 2,532	2 4,366	2,828	2,185	3,715 2	2,404 2,3	2,809 3,660	30 2,873	3 2,964	1,848	1	1,299	3,647 1	1,445	669	3,915 1,871	71 2,993	6,019	3,638	3,557
posits	7,655	7,502	7,886	8,358	4,284 4	4,044 7,	7,682 6,	6,577 3,9	3,927 5,74	5,748 4,030	30 4,807	7,311	11 5,387	4,320	9,021	7,846	11,360	10,648	8,921	10,7(	10,709 1,967	67 2,532	2 4,366	2,828	2,185	3,715	2,404 2,	2,809 3,660	30 2,873	3 2,964	1,848	110	1,299	3,647	1,445	3,5	3,915 1,871	71 2,993	6,019	3,638	3,557
her liabilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aims on other sectors	88	88	88	87	88	87	88	06	35	6	98	100	101	104	103	104	104	103	104	106	107 10	114	4 114	117	18	11	24	19	22 121	1 123	122	11	11	11	121	122	119 12	123 124	126	157	160
her financial corporations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	30
gional and local government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
blic nonfinancial corporations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
her nonfinancial corporations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
her resident sectors	88	88	88	87	88	87	88	06	35	- 66	8	66	101	104	103	104	104	103	104	106	107 10	114	114	111	118	117	198	19—	121	1 123	122	11	#	117	121	122	119 12	124	126	128	130

Table II.1(b) Central bank survey (end of period in N\$ million)

Liabilities Jan	Jan-20 Feb-	-20 Mar-2	20 Apr-2	Feb-20 Mar-20 Apr-20 May-20 Jun-20		Jul-20 A	Jul-20 Aug-20 Sep-20 Oct-20 Nov-20 Dec-20	p-20 0c	t-20 Nov-	-20 Dec-	20 Jan-21	21 Feb-21	1 Mar-21	Apr-21	May-21 ,	Jun-21	Jul-21 Auc	Aug-21 Sep	Sep-21 Oct-21	-21 Nov-21	21 Dec-21	Jan-22	Feb-22	Mar-22 A	Apr-22 May-22		Jun-22 Jul-22	2 Aug-22	Sep-22	0ct-22	Nov-22	Dec-22 Ja	Jan-23 Feb	Feb-23 Mar-23		Apr-23 May-23	Jun-23	Jul-23	Aug-23	Sep-23
Monetary base 7.	7,118 5,7	5,712 7,800	10,262	2 10,168	7,274	7,405	0,070 6,	6,997	7,969 7,38	7,384 8,223	7,581	31 6,655	5 10,843	8,367	8,623	7,392 7	7,988 7,	7,516 7,5	7,584 7,690	90 8,658	8,238	7,198	609'2	7,167	8,618	7,890 8,9	8,953 11,487	7,926	7,904	5,297	8,795	9,605	7,753 8,3	8,376 8,379	8,271	1 9,340	10,114	8,334	9,494	9,389
Currency in circulation 4	4,177 3,9	3,997 4,079	79 4,367	7 4,623	4,555	4,529	4,554	4,412 4,4	4,488 4,68	4,684 4,711	711 4,431	31 4,280	0 4,416	4,314	4,367	4,199 4	4,239 4,	4,436 4,3	4,377 4,454	54 4,703	13 4,759	4,536	4,397	4,429	4,531	4,618 4,	4,578 4,698	18 4,761	4,705	4,794	4,834	4,874 4	4,584 4,5	4,530 4,583	83 4,618	8 4,717	4,739	4,791	4,893	4,903
Liabilities to other depository 2, corporations	2,941 1,7	1,714 3,721	21 5,895	5,545	2,719	2,876	2,516 2,	2,585 3,4	3,482 2,700	3,512	3,150	10 2,375	5 6,426	4,053	4,255	3,192 3	3,749 3,	3,080 3,2	3,207 3,236	36 3,955	3,479	2,662	3,212	2,738	4,087	3,272 4,	4,375 6,789	3,165	3,199	503	3,961	4,731	3,169 3,8	3,846 3,796	3,653	3 4,622	5,375	3,543	4,601	4,486
Reserve deposits	2,941 1,	1,714 3,721	21 5,895	5,545	2,719	2,876	2,516 2	2,585 3,	3,482 2,71	2,700 3,512	3,150	30 2,375	5 6,426	4,053	4,255	3,192	3,749 3,	3,080 3,2	3,207 3,236	36 3,955	3,479	2,662	3,212	2,738	4,087	3,272 4,	4,375 6,789	3,165	3,199	503	3,961	4,731	3,169 3,4	3,846 3,796	96 3,653	3 4,622	5,375	3,543	4,601	4,486
Other liabilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposits included in broad money	0	•	0	0	0	0	0	0	0	0	0	· ·	0	0	0	0	0	0	0	-	°	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
Transferable deposits	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other deposits	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Securities other than shares, included in broad money	0	0	0	0	0	0	0	0	0	0	0	· ·	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0		<u> </u>	0	0	0	0
Deposits excluded from broad money	-	-	-	2 0	0	0	0	0	0	0	0	· 	0	0	0	0	0	0	-	9	2	9	9	9	_	-				_	_				4		-	0	9	9
Of which: Other financial corporations	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	-	9	7	9	9	9	-	-				_	-		_	_	4	4	-	0	9	9
Securities other than shares, excluded from broad money	6,948 6,9	6,970 6,585	85 6,420	0 7,040	7,557	7,291	7,394 7,	7,395 7,3	7,394 7,5	7,561 7,781	7,986	8,195	5 8,248	12,818	12,834	13,339 13	13,038 13;	129	13,197 13,332	13,372	15,812	16,232	16,629	16,446 1	16,671	17,107 16;	16,750 16,190	18,680	17,891	17,320	17,831	18,579 18	18,144 18,2	18,284 18,567	18,614	4 18,038	18,443	18,704	18,693	18,253
Of which: Other financial 5,	5,955 5,9	5,970 5,586	86 5,444	6,060	6,578	6,411	9 805'9	6,510 6,	6,473 6,6:	6,630 6,849	149 7,044	7,252	2 7,306	11,868	11,884	12,385 12	12,080 12,	165	12,292 12,427	12,459	14,894	15,310	15,704	15,517	15,788 16	16,220 15,	15,910 15,347	17,831	17,040	16,512	17,018	17,760	17,318 17,	17,453 17,729	17,771	17,191	17,596	17,840	17,822	17,377
Loans	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Of which: Other financial corporations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial derivatives	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0
Of which: Other financial corporations	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0
Shares and other equity 9,	9,510 10,059	059 11,079	79 11,145	10,858	10,695	10,478	10,446 10	10,671	10,361 9,78	9,756 9,408	9,795	9,748	9,391	9,054	8,776	6 260'6	9,326 9,	9'331 9'6	9,690 9,742	10,376	10,351	10,017	9,916	8,995	989'6	9,552 9	9,911 10,217	10,314	10,821	10,986	10,592	9 21,710	9,957 11,5	11,537 11,028	28 11,459	12,344	11,752	11,211	11,998	12,131
Funds contributed by owners	04	40 4	40 40	0 40	40	40	40	94	9	40	40	40 40	0 40	40	40	40	40	40	9	40 40	94	94	40	40	40	40	40	40 40	49	40	40	40	40	40	40 40	0 40	40	40	40	40
Retained eamings	815	820	0	0	0	0	0	0	0	0	0 441	11 535	2	0	0	0	0	0	0	0	0	710	710	37	0	0	0	0	0	0	0	0	736	736	0	0	0	0	0	0
General and special reserves 2,	2,072 2;	2,126 2,579	79 2,595	5 2,585	2,625	2,609	2,664 2	2,719 2,4	2,680 2,6	2,663 2,709	709 2,722	2,651	1 2,901	2,787	2,802	2,788	2,772 2,	2,789 2,7	2,744 2,61	2,688 2,702	12 2,599	2,497	2,467	2,659	2,542 2	2,498 2,	2,472 2,537	37 2,385	2,218	2,123	2,339	2,307	2,439 2,3	2,332 2,7	2,774 2,803	3 2,744	2,726	2,795	2,828	2,701
Valuation adjustment 6,	6,472 6,5	6,900 8,172	772,8,277	7 7,763	7,600	7,306	7,231	7,449 7	7,110 6,5	6,535 6,189	89 6,552	52 6,420	0 6,329	5,966	5,649	5,939	6,112 6	6,135 6,4	6,442 6,493	93 7,105	7,002	6,728	6,602	6,121	6,904	6,705	7,093 7,256	7,464	8,133	8,237	7,518	7,632 6	902'9	8,351 8,0	8,015 8,336	9,208	8,562	7,855	8,545	8,694
Current year result	112	144 28	288 233	3 470	430	523	211	463	531 5	519 47	470 3	39	121	791	285	330	403	427 4	464 5	521 528	98 710	42	97	138	200	308	306 383	13 425	430	286	992	736	37	79	199 279	9 352	423	221	282	969
Other items (net)	1,017	782 825	25 879	988	876	850	852	920	917 78	783 85	856 881	31 989	9 744	533	109	637	817	586	578 6,	622 614	14 801	836	440	409	377	438	502 554	14 579	611	615	811	216	385	966	-80 415	5 465	512	629	637	693
Unclassified Assets 1,	1,080	832 82	827 864	4 900	931	962	966	1,030	1,064 1,09	1,1 690,1	1,111 1,144	1,272	2 1,018	841	006	916	1,069	1,042	1,047 1,01	1,119	1,287	1,321	924	943	902	937	980 1,020	1,082	1,105	1,141	1,299	1,392	1,527	1,492	975 1,053	3 1,064	1,110	1,159	1,196	1,241
Unclassified Liabilities	83	20	2 (15)	3) 14	22	115	144	109	147 3	317 25	255 263	283	3 275	308	300	279	252	456	469 46	464 504	74 486	485	484	534	525	488	478 467	203	494	526	488	476	242	496 1,0	1,054 638	8 298	298	200	228	548



201

348

1,496

7,418

1,321

247

37,470 1,225 1,454 2,630 26,577 1,237 6,391 66,179 25,685 5,434 7,637 35,741 2,522 2,522 1,573 46,359 1,324 34,168 2,647 65,973 2,647 1,477 34,195 2,468 1,487 414 66,147 1,420 2,468 35,073 1,446 65,695 5,698 11,222 1,222 4,214 2,927 2,927 46,663 2,686 46,445 65,550 34,650 65,505 1,289 2,736 2,736 1,456 46,618 34,534 2,701 65,237 19,953 1,335 2,701 1,645 46,093 4,224 34,720 2,344 46,238 64,880 654 154 64,460 35,062 2,271 1,458 2,271 2,182 63,886 5,583 1,350 35,374 2,182 46,300 36,050 1,802 63,359 1,341 46,732 1,802 11,333 1,464 36,538 1,875 1,875 1,825 8,275 46,609 63,007 14,222 8,063 1,530 8,410 35,389 1,942 1,942 1,924 65,699 7,480 35,315 62,602 1,733 1,733 46,232 35,477 1,568 1,568 3,174 1,581 62,637 34,693 62,480 1,324 4,292 1,648 1,648 45,435 62,138 1,383 1,404 35,130 1,244 1,556 1,556 62,230 62,094 6,224 1,416 34,771 1,451 1,451 46,350 35,114 1,529 1,529 61,827 1,631 44,832 1,485 35,507 1,490 61,828 36,058 61,508 1,668 45,041 1,273 35,155 1,915 1,915 61,573 1,343 44,247 178,6 1,424 34,177 1,516 4,236 61,689 3,870 61,275 1,839 1,839 43,864 9,751 1,206 432 1,294 1,911 3,923 44,065 61,324 33,911 3,870 61,188 1,465 2,195 2,195 43,714 33,835 61,099 2,136 1,385 2,136 44,316 33,612 2,373 4,628 60,745 1,637 2,373 31,995 60,514 2,384 2,384 4,612 1,273 60,172 31,713 2,499 1,399 2,311 1,797 30,811 2,311 29,976 90,361 2,317 5,057 44,841 2,317 1,401 29,781 2,317 2,317 43,816 59,897 2,378 2,378 59,447 29,203 2,543 5,447 59,166 13,608 1,526 2,543 652 43,997 2,317 1,582 28,095 2,317 5,597 233 13,275 59,201 59,083 1,508 27,031 2,179 2,179 5,395 25,502 5,100 59,001 1,449 25,502 2,188 2,188 43,622 24,404 2,183 5,501 59,056 1,502 2,183 8,441 59,474 4,963 1,461 23,977 2,046 2,046 5,674 1,004 4,457 1,400 1,949 44,270 59,030 24,040 1,989 Securities other than shares securities other than Shares Other financial corporations Oublic nonfinancial Foreign currency Currency

Table II.2(a)

Other depository corporations survey (end of period in N\$ Million)

40,559 4,823 12,386 444 11,699 11,557 6,169 19,273 6,754 24,517 22,148 7,504 -7,566 10,472 19,053 25,503 22,083 4,823 12,853 5,107 7,508 12,366 -6,240 10,772 9,513 39,813 18,974 5,665 808/9 25,580 21,940 9,268 5,065 12,062 7,534 1,406 4,232 6,729 9,835 5,872 7,623 5,059 14,626 37,151 18,557 7,328 26,003 12,465 18,321 5,059 5,488 27,251 9,159 12,377 656 14,507 8,462 12,773 9,657 18,278 5,534 21,192 6,334 19,622 5,059 12,622 9,464 12,952 7,439 10,927 825 7,066 5,371 12,153 35,477 18,101 5,600 6,509 25,505 5,059 12,514 6,884 11,387 34,675 17,521 5,947 5,502 1,864 20,063 5,059 12,579 11,761 6,249 969'0 9,511 6,987 17,326 34,731 6,140 6,119 24,972 5,018 5,059 12,519 966'9 12,548 6,472 9,500 20,553 34,258 17,721 23,941 3,934 5,054 11,491 -6,341 6,700 21,628 12,086 5,773 6,278 24,191 21,716 3,892 8,307 4,994 12,116 6,982 1,059 9,947 -6,861 34,004 17,558 5,249 23,644 22,032 4,377 4,994 12,080 6,830 10,01 13,024 17,528 23,303 6,258 4,024 4,994 12,060 207 12,009 21,507 6,980 6,200 21,511 4,242 4,994 12,053 10,161 3,237 6,982 9,409 36,246 17,863 58,437 6,293 6,834 22,483 22,332 16,802 4,931 10,103 8,238 9,258 4,311 12,001 lun-22 16,690 6,578 6,732 23,318 4,174 4,931 11,368 9,408 9,590 35,285 16,680 7,394 4,728 4,931 11,332 22,017 6,310 12,681 8,700 33,398 16,500 8,009 20,709 11,308 12,528 -6,899 8,694 22,031 22,023 4,223 4,931 1,407 16,307 4,601 4,931 11,295 12,705 9,101 33,366 8,231 8,278 21,852 22,107 20,716 6,389 -7,515 16,424 8,827 32,197 8,149 4,670 21,044 4,931 11,289 6,501 11,539 9,412 16,172 24,448 20,581 12,175 12,408 8,518 30,678 7,672 22,570 4,346 4,931 1,407 -7,696 30,167 16,454 7,687 6,188 24,969 22,809 3,826 4,931 11,321 14,704 6,337 8,298 16,855 12,625 7,817 22,320 3,295 19,366 4,901 11,473 6,521 6,058 8,642 19,803 11,480 8,069 31,315 16,899 22,016 22,367 3,882 4,901 6,552 12,331 6,841 7,080 22,352 3,589 4,901 11,471 6,435 12,149 -6,671 9,156 15,804 27,219 7,936 21,534 22,414 3,544 20,271 4,901 11,561 6,432 13,108 6,272 8,838 15,919 21,279 8,642 28,148 7,448 6,670 22,582 22,348 3,592 4,901 11,555 6,436 12,508 -7,622 15,475 6,978 22,910 3,447 21,234 4,871 10,891 6,432 14,219 7,023 8,455 7,521 3,755 4,364 8,430 21,951 4,841 15,780 5,528 29,518 6,857 6,561 24,501 22,463 3,615 21,283 4,841 966'01 6,092 14,615 6,020 8,446 15,812 4,281 6,234 3,852 4,841 10,944 14,891 988'9 9,042 29,436 4,923 5,361 4,451 3,314 9,657 4,807 10,937 6,002 9/8/ 29,381 15,200 5,184 69'6 31,880 3,486 4,807 10,934 5,983 16,082 -5,827 7,594 9,451 5,367 5,681 15,007 4,917 2,667 20,249 31,956 3,592 4,807 10,797 6,022 15,824 -5,957 7,637 14,865 809'9 30,839 4,929 20,378 4,183 4,807 10,559 5,966 6,997 8,140 30,248 14,695 4,929 6,400 20,926 4,311 5,055 10,335 5,953 17,928 5,469 7,220 4,709 31,677 21,277 14,532 4,834 5,378 20,020 31,913 1,840 5,081 10,353 18,182 6,732 7,672 28,935 14,601 4,899 19,561 5,029 10,504 5,917 17,900 6,472 8,140 4,827 14,342 19,778 4,431 4,742 10,742 17,850 8,025 9,157 28,565 5,223 5,763 5,839 6,700 5,853 20,392 31,508 1,574 4,741 1,180 18,450 6,537 7,955 28,431 14,062 5,284 4,741 10,981 5,301 19,151 5,640 7,349 8,424 5,511 30,919 4,245 14,370 17,584 8,511 6,190 8,453 4,747 5,326 19,202 4,322 4,866 11,359 5,293 -6,178 7,261 8,465 13,408 5,379 9,109 29,213 21,752 4,842 11,458 17,254 5,585 7,022 3,507 26,827 12,788 4,960 3,353 23,553 4,842 17,932 7,211 5,268 19,959 29,124 11,473 5,201 -6,067 7,380 4,607 7,937 5,076 4,877 19,217 3,186 24,041 4,842 1,452 17,124 6,199 7,525 Public nonfinancial corporations Other nonfinancial corporations Regional and local government -unds contributed by owners Seneral and special reserves Other financial corporations of which: Other financial Consolidation adjustment Other resident sectors Other resident sectors **Jnclassified liabilities** Inclassified Assets aluation adjustment **Surrent Year Result** Retained earnings Regional and local

Table II.2(b) Other depository corporations survey (end of period in N\$ Million)



	Jul-23 Aug-23 Sep-23	93,892 95,357 90,910	20,416 23,011 21,941	148,168	27,200 31,689 30,888 35,741 37,470 36,630	5,781	115,365 116,479 116,05	1,573 2,659 2,679	245	859 761 75	46,109		140,362 13	3,467 3,439 3,58		1,098 860 763	5,872 5,461 6,169	39,813 40,472 40,559	18,974 19,053 19,273	0	60,507 60,772 58,65	5,107 4	2/2	7,508	25,503	21,940 22,083 22,148	0	7,702 8,375 8,76	41,720 40,759 39,25	196 197 19	225 188 18	37,289 36,878 37,33	-10,085 -6,246 -8,27	1,642 2,667 8	-600 -593 -648
		971 70,312 66,836 331 91,843 87,842	60 21,531 21,006	144,030	131 29,856 28,529 73 34.195 34,168	4,340	66 114,175 115,660	1,446 1,487 1,477	260 246 267	882 414 1,162	45,757	66,270	137,381	3,297 3,355	9,657	825 1,083 1,382	4,895 5,118 5,740	88 37,635 37,151	78 18,321 18,557	0 0 0	96 62,270 61,065	5,488 5	91.5 61.5 61.5 61.5 61.5 61.5 61.5 61.5 6	7,587	27,251	21,192 21,425 21,635	0 0	6,338 9,160 7,624	17 40,935 41,311	192 196 196	165 282 201	47 37,196 37,346	121 -10,808 -11,742	1,408 -217 -249	-365 -396 -425
	Mar-23	60,880 60,874 72,971 81,997 82,098 94,031	21,117 21,224 21,060	148,877	30,469 34,362 28,231 34,650 37,747 35,073	3,385	114,363 114,514 115,066	1,456 1,491 1,4	299 249 2	363 657 8	46,445	65,672	131,286	3,241 3,216 3,396	9,167	745 808 8	5,541 5,923 4,8	34,675 35,477 39,788	17,521 18,101 18,278	0 0	58,651 58,595 61,896	5,600 5,	223	6,509	25,505	20,403 20,452 21,1	0	4,864 5,375 6,3	42,358 43,109 42,317	208 208 1	217 235 1	36,434 35,890 36,747	-8,256 -6,351 -8,421		-945 146 -365
	Dec-22 Jan-23	76,450 80,106	20,368 19,775 20,757	144,956 142,411	33,611 31,077 28,186 35,992 34,720 34,534	3,643	113,879 114,225	1,714 1,760 1,645	191 230 307	346 654 825	46,238	64,997 65,355	789'821 858'871	3,376 3,332 3,249	9,715	701 703 696	4,818 5,651 5,229	35,012 34,258 34,731	17,816 17,721 17,326	0 0 0	58,465 58,578 58,324	5,802 6	20/	6,700	23,941	21,716 21,628 20,553	0 0 0	3,893 3,935 5,019	41,208 41,656	200 200 208	108 99 89	35,853 35,619	,555 -9,622 -10,528	-23	-766 -849 -915
	Sep-22 Oct-22	54,003 51,591 52,964 74,621 72,477 73,331	20,623 20,886	144,110 143,836 14	36,050 35,374	4,766 4,031	112,826 112,493 113,229	1,833 1,880	145	566 160 3	46,732 46,300	63,482 64,008	128,290 126,983	3,364 3,444	10,273 8,998	765 912	5,029 4,798	33,282 34,004	T,528 T,558 17,	0	58,049 57,269 58,4	5,249	499 504	6,258 5,840	23,303 23,644	21,507 22,032 21,7	0 0	4,025 4,378	39,019 38,770 39,751	200 200 2	176 159 1	35,067 35,484 35,351	-8,669 -10,546 -8,	-193	-568 -569 -7
	Jul-22	52,200 59,692 55,549 72,710 79,499 75,530	20,510 19,808 19,981	141,921	30,774 29,787 31,789 35,315 35,389 36,538	5,602	112,679 112,134 112,000	3,108 1,924 1,825	219 224 181	399 686 257	46,477	62,822	134,866	3,183 3,168 3,296	9,920	752 763 768	4,958 8,470 6,044	34,798 36,246 34,187	16,690 17,863 17,269	0 0 0	59,391 58,437 57,451	6,293 6	495	6,834	22,483	22,266 22,332 21,511	0 0	4,175 4,312 4,243	405 36,591 39,489	200 200 200	279 179 146	34,153 34,906 35,246	961 -9,442 -8,003	-872 167 286	-459 -525 -534
	Apr-22 May-22	50,483 51,625 52, 71,064 71,293 72,	20,581 19,668 20,	145,150 14	29,331 31,531 30, 34,693 35,503 35,	3,972	113,320 113,619 112,	3,310 3,174 3,	223 229	291 478	46,983	62,755	71 7997	3,207 3,037 3,	8,693	787 712	5,418 4,846 4,	33,398 35,285 34,	16,500 16,680 16,	0	58,701 58,299 59,	7,394	£	969'9	22,017	22,023 21,704 22,	0	4,223 4,729 4,	40,001 41,002 37,	10 10	111 921	33,662 33,841 34,	-11,254 -10,471 -8,		-336 -395
	Feb-22	51,512 51,775 48,039 67,003 69,247 68,560	15,491 17,471 20,521	144,691	28,954 30,747 33,422 34,771 35,130 36,990	4,384	113,891 113,945 112,950	4,600 4,566 4,638	220 214 174	513 427 447	46,390	62,347 62,256	27,722 128,965	3,120 3,153 3,024	8,827	712 703 802	5,572 5,836 5,949	30,678 32,197 33,366	16,772 16,424 16,307	0 0 0	61,327 60,073 60,925	8,149	42	5,707	23,747	22,570 22,019 22,107	0 0	4,352 4,676 4,607	39,815 40,670 39,779	10 10 10	72 65 86	35,035 33,542 32,791	384 -9,708 -11,827	-1,009 -671 -339	-788 -408 -369
	Dec-21	48,903 50,697 51, 62,714 63,626 67,0	13,811 12,930 15,	143,425	32,050 31,054 28, 35,507 35,114 34	4,060	112,596 112,371 113,	4,828 4,721 4,	186 235	527 641	44,832	61,942	129,944	3,218 3,128 3, 65,860 64,715 64		765 714	4,989 6,535 5,	32,669 30,167 30,	16,855 16,454 16,	0	60,822 62,102 61,3	7,687	448	6,188	24,969	23,452 22,809 22,	0 0	3,301 3,832 4,	35,739 38,870 39,	466 468	144 96	34,312 34,540 35,0	-10,314 -13,629 -13,384	293 -150 -1,	- 565 -736
	Sep-21	52,030 52,029 55,652 64,193 64,416 67,757	12,164 12,388 12,105	134,665 1	741 23,629 23,680	11,526	717,117 36 111,717	4,236 4,239 4,209	147 170 164	587 701 687	44,247	61,679	1 911,621	3,012 3,034 3,181	10,466 10,229 10,993	695 737 715	5,961 5,388 6,433	27,219 28,592 31,315	304 16,402 16,899	0 0 0	395 58,734 59,277	7, 096,7	949	2,060	20,713	22,414 22,352 22,367	0 0	3,544 3,590 3,888	572 36,871 36,311	10 9 9	90 107 109	33,359 33,565	174 -10,359 -11,646	603 -164 36	-536 -531 -579
<u>-</u>	Jul-21	51,394 53,442 52,030 60,376 61,933 64,193	8,982 8,491 12,1	130,842 1	21,296 21,287 23,741 34,567 33,775 34,177	12,487	110,185 109,554 110,004	3,923 3,697 4,2	185 182	585 432 5	43,864		121,544	2,905 3,033 3,0 57716 58.815 60.1		9 069 069	4,750 4,886 5,9	28,285 28,148 27,2	15,475 15,919 15,804	0 0	61,149 59,696 59,895	7,448 7	848	6,670	22,582	22,910 22,348 22,4	0	3,447 3,592 3,5	37,502 37,913 36,572	6	243 182	32,508 32,972 32,979	-12,606 -11,930 -10,474	785 326 6	-604 -768 -536
\$ million)	₹ 1	587 61,433 58,082	9,384 8,832 8,612	133,466	28,373 22,678 23,932 35,065 33,835 33,972	11,157	335 110,788 109,513	4,628 4,756 3,870	259 164 141	441 351 496	558 44,316 43,714	61,202	124,638 1	2,779 2,929 2,902 63,210 RO 656 58 484	8,058	908 772 748	7,295 5,528 4,466	29,879 29,518 28,306	15,812 15,780 15,679	0 0 0	880 61,052 60,401	6,857	L/9	6,561	24,501	185 22,463 21,951	0 0	352 3,615 3,755	36,987 36,735	6	407 276 267	355 31,917 31,578	392 -11,374 -11,217	2,005 1,313 1,319	-662 -499 -569
N ui boi	Jan-21 Feb-21 Mar	45,526 42,976 45,302 54,880 52,003 54,687	9,354 9,027 9,3	135,278	21,902 24,224 28,373 31,713 31,995 35,065	17.7	111,115 111,054 110,835	4,645 4,612 4,6	252 204	453 447	45,176	60,615	125,206	3,031 3,007 2,	9,593	923 820	5,367 4,451 7,	29,381 29,436 29,	15,200 15,769 15,	0 0	63,003 62,029 61,380	4,923	220	2,668	20,397	31,880 30,490 29,485	0	3,486 3,314 3,852	30,359 30,834 32,309	6	451 503 4	32,387 32,174 31,955	-14,505 -13,786 -11,392	655 290 2,0	-845 -955 -
d of per	Oct-20 Nov-20 Dec-20	154 42,995 41,819 287 53,234 51,331	10,333 10,239 9,512	135,361 134,933	21,715 24,435 23,694	6,348	923 110,927 111,239	4,978 5,057 4,762	96 246 248	396 324 561	44,841	60,459 60,727	126,405 124,652	3,086 3,079 2,914	166'8	882 877 888	4,709 4,237 4,678	48 30,839 28,592	395 14,865 15,007	0 0 0	43 63,518 63,367	4,929 4	169	5,635	20,378	31,677 31,984 31,956	0 0	4,311 4,183 3,592	31,021 30,468	6	274 493 567	314 31,955 31,902	-15,710 -14,439	789 511 514	-896 -756 -809
rvey (en	Aug-20 Sep-20 Oct	57,432 55,796 59,287	10,461 11,112 10,3	132,603 13	20,083 23,199 21, 29,203 29,504 29;	6,305	109,621 109,404 109,279	5,447 5,662 4,9	269 106	652 499	43,598	59,539	125,848	3,028 2,995 3,086	9,542	634 684	4,785 6,129 4,7	28,935 29,226 30,248	14,601 14,532 14,695	0 0	62,944 62,738 64,543	4,834 4	294	5,378	20,020	32,078 31,913 31,0	0	4,827 4,840 4,	32,157 31,817 31,761	6	183 201	32,458 32,375 32,314	-17,384 -17,802 -16,284	-319 338	-777 - 6°86 - 871 - 867 - 858 - 831 - 834 - 898 - 896 - 756 - 809 - 845 - 955 - 662
ions sur	.20 Jun-20 Jul-20	90 45,533 48,797 066 55,903 59,192	10,370 10,395	131,495	728 22,074 18,096	6,223	109,421 108,881	5,100 5,395 5,597	195 214 233	776 728 486	43,914	59,170 59,290	123,869 123,823	3,173 3,047 2,947	8,683	793 693 655	5,770 4,812 5,198	28,431 28,765 28,565	062 14,025 14,342	0 0 0	163 63,844 62,959	5,338 5,	293	5,853	20,392	919 31,508 31,457	0 0	45 4,574 4,431	381 32,775 32,136	6	332 237 173	32,564 32,373	-16,999 -17,170	1,322 890 186	-867 -858 -831
orporat	Mar-20 Apr-20 May-20	39,529 47,182 46,990 51,549 59,164 58,066	12,020 11,982 11,076	127,233	17,047 17,768 20,728 26,979 28,309 27,200	10,541	110,815 109,465 108,782	5,674 5,501 5,1	264 299	1,004 626 7	43,895	59,144	120,891	2,618 2,865 3,173 54 729 58 411 57 479	8,511	888 998	4,533 6,190 5,7	28,465 28,453 28,4	13,408 14,370 14,062	0 0	59,047 59,614 62,763	4,747 5	2//9	5,326	19,202	29,213 29,762 30,919	0 0	3,508 4,324 4,245	31,266 31,558 32,981	6	198 511 3	32,805 33,117 32,507	-16,789 -15,992 -16,987	-157 1,380 1,3	-8.168718
sitory c	Jan-20 Feb-20 Mar-20	50,860 51,965	9,799 10,750	125,153	14,396 14,200	9,450	110,868 110,953 11	5,850 6,199	367 344	1,083 1,021	44,270	59,119	018,810	2,641 2,598	112,7	840 827	4,607 3,718	27,937 26,827	12,760 12,788	0	58,380 59,842 5	4.		5,268	19,959	28,664 29,124	0	3,186 3,354	34,429 33,973	6	165 115	31,198 31,824 3	-17,287 -16,716 -1	-478 681	-1,011
Table II.3 Depository corporations survey (end of period in N\$	Description	Net for eign assets Claims on nonresidents	less: Liabilities to nonresidents	Domestic claims	Net claims on central government Claims on central covernment	less: Liabilities to central government	Claims on other sectors	Other financial corporations	Regional and local government	Public nonfinancial corporations	Other nonfinancial corporations	Other resident sectors	Broad money liabilities	Currency outside depository corporations Transferable denosite	Other financial corporations	Regional and local government	Public nonfinancial corporations	Other nonfinancial corporations	Other resident sectors	Less: Central bank float	Other deposits	Other financial corporations	Regional and local government	Public nonfinancial corporations	Other nonfinancial corporations	Other resident sectors	Securities other than shares, included in broad money	Deposits excluded from broad money	Securities other than shares, excluded from broad money	Loans	Financial derivatives	Shares and other equity	Other items (net)	Consolidation adjustment	NIO

Table II.4 Other depository corporations' claims on private sectors (end period in N\$ million)

	Loans Central bank	Other depository corporations	Other financial corporations Central government	Regional and local government	Public non-financial corporations	Other non-financial corporations (Businesses)	Loans and Advances	Farm mortgage loans	Other mortgage loans	Dwellings		Overdrafts	Other loans and advances	Instalment and leasing	Other resident sectors (Individuals)	Loans and Advances	Farm mortgage loans	Other mortgage loans	Dwellings		Overdrafts	Other loans and advances	Instalment and leasing	Vonresidents	oans and Advances	Farm mortgage loans	Other mortgage loans	Dwellings		Overdrafts	Other loans and advances	Instalment and leasing
	0	38	2,447	328	822	44,456	40,362	E	14,213	2,557	11,656	10,338	15,100	4,093	28,668	52,046	2,272	38,036	37,914	122	2,354	9,385	6,622	920	920	0	262	262	0	156	502	0
	107,247	7	2,352	338	759	43,919 4	40,034	657	14,010	2,306	11,704	10,286	15,082	3,884	58,935	52,254	2,320	37,960	37,832	128	2,423	9,551	6,682	925	925	0	262	262	0	160	204	0
	0 0	16	2,393	560	835	43,593	39,727	689	13,999	2,355	11,644	9,888	15,152	3,866	59,149	52,494	2,365	38,150	38,022	127	2,400	9,579	6,655	914	914	0	258	258	0	161	496	0
Apr-20 N	104,938 10	4	1,736	592	481	42,922	39,113	9/9	13,845	2,218	11,627	9,933	14,659	3,808	58,733	52,298	2,371	38,082	37,955	126	2,379	9,466	6,435	761	761	0	255	255	0	10	496	0
	104,698 1	4	1,577	191	631	42,777	39,028	089	13,914	2,249	11,665	9,811	14,623	3,749	58,775 5	52,384	2,393	38,161	38,036	125	2,385	9,446	6,392	734	734	0	253	253	0	10	471	0
	0 0	4	1,643	197	283	43,121 4	39,384	889	13,561	1,923	11,638	10,170	14,966	3,737	28,899 5	52,511	2,400	38,311	38,187	124	2,367	9,433	6,388	0/9	029	0	250	250	0	7	412	0
Jul-20 A	104,539 10	4	1,642	518	454	42,476 4	38,798	692	13,727	1,963	11,764	9,932	14,448	3,678	59,069	52,681 5	2,403	38,552	38,438	114	2,287	9,438	988'9	899	899	0	249	249	0	10	409	0
	0 0	4	1,583	255	620	43,246 42	39,610	969	13,635	1,929	11,706 1	10,581	14,699 14	3,635	29,055 59	52,695 5	2,422	38,636	38,523 3	113	2,284	9,354	9 098'9	289	289	0	247	247	0	13	427	0
	105,042 105,	4	1,583	8	472	42,914 43	39,372 38	693	13,513 13	2,019	11,494 11	10,580 10	14,586 15	3,542 3	59,338 59	52,979 53	2,433 2	38,762 39	38,651 38	112	2,300	9,484	6,359 6	627	627	0	243	243	0	12	999	0
Oct-20 Nov	0 0	4	932			43,173 44,	39,712 40,	684	13,421 13,	1,923 1,	11,498 11,	10,509 11,	15,098 15,	3,462 3,	29,807 60,	53,448 53,	2,452 2,	39,082 39,	38,971 39	Ħ	2,331 2,	9,583	6,359 6,	979	626	0	243	243	0	16	367	0
	0 0		909			44,231 44,	40,725 40,	0.09	13,532 13,9	1,959 2,	11,572	11,280 11,	15,244 15	3,506 3,	60,248 60,	53,849 54,	2,491 2,4	39,263 39,	39,153 39,	110	2,455 2,	9,641	6,399 6,	617	219	0	738	738	0	91	363	0
	0 0 0	2	108	240 2		44,307 44,884	40,789 41;	1/19	13,509 13,8	2,021 2,0	11,488 11,8	11,393 11,4	15,211 14,9	3,517 3,	60,518 60,108	54,031 53,7	2,504 2,5	39,466 39,2	39,355 39,1	112	2,451 2,4	6 609'6	6,487 6,4	551	921	0	234	234	0	15	8	0
	0 0 0	2	770	244		884 44,606	41,313 41,076	99	13,855 13,6	2,047 2,03	11,808 11,594	11,810 11,5	14,984 15,300	3,571 3,5:	108 60,454	53,708 54,045	2,500 2,5	39,258 39,571	39,147 39,458	=	2,409 2,4	9,542 9,5:	6,400 6,40	607 5	2 20	0	229 2:	229 22	0	=	367	0
-21 Mar-21	0 0 0	ro.	88	194 252		106 44,137	776 40,646	646 646	13,614 13,606	2,020 2,062	11,545	11,517 11,169	15,224	3,530 3,492	154 60,669	945 54,250	2,521 2,570	571 39,715	39,600	113 11	2,415 2,436	9,538 9,528	6,409 6,420	543 459	543 456	0	220 206	220 20	0	=	311 24	0
A P	106,28	1	11 1			37 43,801	46 40,422	46 639	13,656	62 2,088	45 11,568	69 11,275	24 14,852	3,380	69 61,027	50 54,561	70 2,602	15 39,929	39,814	115 115	36 2,480	28 9,551	20 6,466	59 392		0		206 14	0	13	240 23	0
Ma	0 106,084		561 442	_		43,275	39,920	629	13,620	18 2,081	11,539	75 10,810	14,830	3,355	7 61,113	54,625	2,591	39,951	39,837	112	0 2,507	51 9,575	6,489	12 622	12 622		141 229		0 0		.,	0
고 5	106,618	2	10 446			43,564	40,098	992	13,749	2,003	11,746	10,790	14,894	3,467	8 61,276	54,824	2,627	40,054	39,940	115	2,487	99'69	6,452	276	576	0	9 229		0	88	389	0
Jul-21	106,138 1	2	455	180	407	43,334	39,842	099	13,537	1,918	11,620	10,833	14,812	3,492	61,237	54,809	2,607	40,149	40,036	113	2,489	9,564	6,428	513	513	0	219	219	0	22	239	0
		m	1,044	146	291	42,712	39,172	678	13,738	1,906	11,832	10,251	14,505	3,540	61,652	55,218	2,606	40,348	40,236	112	2,491	9,773	6,434	534	534	0	221	221	0	22	255	0
-	0 0	m	1,055	170	9/9	43,691 4	40,141	708	13,879	1,905	11,974	10,550	15,005	3,551	61,538	55,094	2,611	40,372 4	40,259 4	113	2,410	9,701	6,444	466	466	0	226	226	0	48	192	0
	08,272 108	ю	1,039	. 091	99	44,468 4	40,833 4	718	14,176	2,171	12,006	10,724	15,215	3,636	61,471 6	55,075 5	2,623	40,256 4	40,144 40	112	2,358	9,838	966,3	456	456	0	227	222	0	\$5	174	0
	08,460 10	7	1,021	181	205	44,517 44	40,734 40	742	14,281	1,988	12,293	10,478	15,233	3,783	61,785 6	55,412 59	2,640	40,550 40	40,438 4	112	2,361	9,861	6,373	432	432	0	224	224	0	32	176	0
E ÷	#	4	12	228	919	4,258 45,	40,544 42	748	14,232 14	2,251	11,981	9,897	15,667	3,714	61,791 62,	55,306 55	2,655 2	40,402 40	40,291 40	Ξ	2,369 2,	6 088'6	6,485 6			0	224	224	0	49	104	0
-22 Fet	114	22	915	220	488	45,802 45;	42,102 41,	745	14,023	2,119 2,	11,904 11,	11,495 11,	15,840 15,	3,700 3,	62,057 62,	55,583 55,	2,666 2	40,537 40,	40,427 40	110	2,457 2,	9,923	6,474 6,	2,793 5,	2,793 5,	0	223	223	0	49	4	0
b-22 Mar	0	12	13 851			45,790 44,9	41,985 41,	731	14,232 14,	2,344 2,4	11,888 11,6	11,044 10,3	15,978 15,6	3,805	62,192 62,0	55,684 55,5	2,681 2,6	40,627 40,5	40,518 40,4	109	2,445 2,	9,931	6,508 6,	5,107 7,4	5,107 7,	0	216		0	49	1,841	0
-22 Apr	¥,	ю	13 844	~		44,972 46,381	41,091 42,5	728 7	14,116 14,2	2,474 2,2	11,642 11,9	7'01 0/5'01	15,677 16,7	3,882 3,8	62,066 62,397	55,547 55,906	2,677 2,6	40,520 40,787	40,433 40,708	87	2,413 2,4	9,937 9,9	6,519 6,4	7,401 7,4	7,401 7,4		214 2			46	7,141 7,1	0
-22 May-	1/2		336	~		381 46,489	42,523 42,57	719 7	14,250 14,084	2,295 2,304	11,955 11,780	10,776 10,252	16,778 17,529	3,859 3,9	397 62,596	906 56,099	2,678 2,687	787 40,878	708 40,800	79	2,456 2,46	9,985 10,069	6,491 6,49	7,441 7,485	7,441 7,48		219 2		0		7,173 7,2	0
Je a	116,62		123 13			189 45,840	576 41,893	17 017	14,282	2,417	11,865	52 9,767	17,134	3,913 3,947	96 62,517	200 29	387 2,708	378 40,664	40,587	78	2,465 2,412	10,217	6,497 6,515	185 7,493	7,485 7,493		22   22		0		7,214 7,21	0
3 5	117,24	10	134 137	2		40 46,091	93 42,080	710 709	82 14,135	17 2,414	11,721	67 10,049	34 17,188	47 4,011	17 62,605	02 56,150	2,721	64 40,835	87 40,761	74	12 2,327	10,266	15 6,456	93 7,480	93 7,480	0	225 222	225 22:	0	48	112,7 812,	0
Aug	0 0		37 30			1 46,235	0 42,168	969	13,892	4 2,399	11,493	9 10,257	8 17,323	11 4,067	5 62,914	0 56,402	2,757	5 40,914	31 40,841	73	7 2,352	6 10,379	6,511	0 7,533	0 7,533	0 0	•		0		11 7,265	0
Sep 447	117,90		35			46,266	42,168	302	13,683	2,409	11,273	10,288	17,491	4,098	63,234	56,726	2,770	41,039	40,972	9 67	2,383	10,534	905'9	3 7,570	3 7,570		222		0		7,293	0
0ct-22	117,60		92 91	-	160	45,843	41,676	721	13,680	2,427	11,253	10,054	17,222	4,167	63,759	57,194	2,792	41,204	41,138	99	2,351	10,848	6,565	7,617	7,617	0				43	7,353	0
	0	m	38	191	220	45,891 4	41,690	669	13,751	2,577	11,174	10,374	16,867	4,201	64,298 (	27,680	2,849	41,291	41,213	12	2,316	11,225	6,618	7,613	7,613	0	219	219	0	42	7,352	0
Dec-22 Jr	0	4	45	230	365	45,808 4!	41,583 4	734	13,679	2,616	11,063	10,003	17,166	4,226	64,723 6	58,063 5	2,859	41,412 4	41,335 4	9/	2,359	11,433	099'9	7,649	7,649	0	215	215	0	49	7,384	0
	0 0	4	<u>†</u>	307	824	45,532 45	41,362 47	720	13,350 13	2,612	10,738	10,463	16,829	4,170	65,127 65	58,454 58	2,881	41,549 4	41,474 4	75	2,381	11,642 1	6,673	7,534 7	7,534	0	122	122	0	_	7,405	0
Feb-23 Mai	9,581 119	4	1 19	588	363	45,993 45	41,746 41	736	13,465 13	2,615 2,	10,850	10,716 10	16,830	4,247 4	65,330 65,	58,640 58	2,895 2	41,627 41	41,553 41	75	2,418 2,	11,700	9 689'9	7,563 7,	7,563 7,	0	121	121	0	7	7,435 7,	0
Ap 5	120	LO.	15	249	657	45,819 46,	41,438 41,	745	13,431 13,	2,666 2,	10,765 10,	10,472 10,	91 06,791	4,381 4,	65,437 65,	58,753 58,	2,926 2,	41,654 41,	41,584 41,	0/	2,432 2,	11,741	6,684 6,	7,533 7,	7,533 7,	0	121	121	0	7	,405	0
-23 May	119,	4	92 Q			46,020 44,	41,646 40,	732	13,505 13,	2,675 2,	00,830	10,567	16,841 16	4,375 4,	65,550 65,	58,874 59,	2,922 2,	41,753 41,	41,684 41,	69	2,425 2,	11,775 11,	9,676	7,540 7,	7,540 7,	0	122	122	0	22	7,413 7,	0
r-23 Jun	029 120,	4	3 3	246		928 45;	40,462 41,	730	13,396 13,	2,684 2,	0,713 10	10,125 10,	16,210 16,	4,466 4,	65,827 65	59,046 59,	2,962 2,	41,820 41,	41,754 41;	99	2,433 2,	11,830	6,781 6,	7,557	,557	0	124	124	0	9	,427 7,	0
- F3	120	4	73 41			45,778 45,5	41,212 40,3	762	13,348 13,3	2,638 2,	,01 017,01	10,684 10,7	16,418 16,0	4,567 4,0	65,811 66,043	59,022 59,	2,942 2,9	41,854 41,8	41,788 41,8	99	2,380 2,4	11,846 11,5	6,789 6,4	7,598 7,6	7,598 7,0	0	134		0	ro.	429 7,4	0
Jul-23 Aug	397 120,3	4	1 77			,550 45,189	,872 40,399	755	13,338 13,060	2,611 2,2	10,727 10,775	10,732 10,218	16,047 16,386	4,678 4,790	043 66,434	192 59,527	2,955 2,982	41,865 42,186	41,800 42,130	92	2,470 2,4	11,903 11,924	6,850 6,9	7,637	7,637	0			0	20	493 7,	0
52 -53	g 0	m	24	245	607	68	96	755	- 8	2,285	К	8	98	8	34 65	27 59	85	86 42	8	22	2,435	24	6,907	7,667	7,667	0	142	142	0	~	7,517	0

40,362 762 2,241 10,676 10,161 16,522 4,920 65,968 30,32 42,200 42,200 20,303 2



Table II.5 Deposits with other depository corporations (end period in N\$ million)

Description Jan-	Jan-20 Feb-2	Feb-20 Mar-20	) Apr-20	Apr-20 May-20 Jun-20		Jul-20 Au	Aug-20 Sep	Sep-20 Oct	Oct-20 Nov-	Nov-20 Dec-20	-20 Jan-21	-21 Feb-21	21 Mar-21	1 Apr-21	May-21	Jun-21	Jul-21 A	Aug-21 Se	Sep-21 Oc	Oct-21 Nov	Nov-21 Dec-21	>21 Jan-22	22 Feb-22	2 Mar-22	Apr-22	May-22	Jun-22	Jul-22 Au	Aug-22 Sep	Sep-22 Oct-22	-22 Nov-22	22 Dec-22	2 Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23 Au	Aug-23 Sep	Sep-23
Total Deposits 128,1	128,137 127,09	127,090 130,568	134,412	134,412 137,352 138,004 138,294 139,623 140,664 141,325	38,004 13	8,294 130	9,623 140,	,664 141,		321 139,00	141,321 139,063 139,884	84 138,719	141,512	141,512 137,490	135,537	135,057	134,153 13	135,696 135	135,355 139,	139,927 142,099	099 141,765	765 143,892	32 145,231	149,868	147,113	148,106 14	149,439 15	155,725 148	148,745 148,	148,019 147,802	302 149,081	81 150,487	7 151,844	152,530	154,615	162,182	160,830 15	158,095 161	,665 164,	687	161,861
Deposits included in broad money	111,985 111,212	113,776	118,025	120,242	120,822 12	120,876 121	121,399 122,	,853 124,	122,853 124,478 123,326	326 121,738	738 123,325	25 122,18	122,199 124,590	0 121,709	118,885	118,866	118,511	120,040 120	120,081 125,	125,631 126,6	126,682 126,816	816 125,338	38 124,059	9 125,941	123,157	124,515 12	125,219 131	669	124,721 124,9	124,926 123,539	539 125,680	80 126,626	8 126,447	126,645	128,070	135,533 1:	134,084 13	132,736 138	135,777 136	136,923 134	134,876
Transferable deposits 53,6	53,604 51,370	70 54,729	58,411	57,479	56,978	57,918 58	58,455 60	60,114 59,9	59,936 59,808	108 58,371	371 60,322	021 60,170	0 63,210	0 60,656	58,484	57,716	58,815	60,145 61	61,347 66,	66,354 65,8	65,860 64,715	715 64,011	11 63,987	7 65,016	64,456	66,216	65,827	73,262 67	67,270 66,	66,877 66,270	270 67,216	16 68,047	7 68,123	67,994	69,476	73,638	71,814	71,671	75,270	76,151 76	76,221
In national currency 51,9	51,966 49,837	37 52,884	56,512	55,437	54,796 5	55,614 56	56,430 57	57,971 57,	57,929 56,856	356 56,358	358 57,905	05 58,395	95 61,258	8 58,469	56,982	56,347	57,183 5	28,709 60	60,170 64,	64,896 63,9	63,972 63,018	018 61,783	33 62,049	9 62,779	62,494	64,680	63,726 7	71,629 65	65,748 65,0	65,006 64,547	547 64,904	04 65,663	100'59	65,571	67,110	70,454	69,338	69,102	72,253 73	73,037 73,	73,626
Other financial corporations 7,4	7,461 7,211	211 7,456	8,511	8,424	8,683	9,157	9,500	9,542 9,	9,400 8,9	8,991 9,207	207 9,451	151 9,593	93 9,316	9,058	9,284	8,516	9,172	10,466 10	10,229 10,	10,993 10,	10,581 10,845	845 10,878	78 8,827	7 8,591	8,353	8,693	8,630	9,920	9,003 10,	10,273 8,998	898 8,869	89 9,715	5 10,142	9,511	9,167	9,852	9,657	8,840	9,513 10	906,01	9,456
Regional and local government 8	839 82	826 865	888	793	693	655	634	984	882	877 88	888 92	923 920	50	8 772	748	069	069	695	737	715	765 7	714 712	12 703	3 802	787	712	752	763	768	765	912 7	701	969	745	808	825	1,083	1,382	1,098	980	763
Public non-financial 4,6 corporations	4,607 3,718	78 4,533	3 6,190	5,770	4,812	5,198	4,785 6	6,129 4,	4,709 4,2	4,237 4,678	2,367	967 4,451	7,295	5,528	4,466	4,750	4,886	5,961	5,388 6,	6,433 4,9	4,989 6,5	6,535 5,572	72 5,836	5,949	5,418	4,846	4,958	8,470 6	6,044 5,0	5,029 4,798	798 4,818	18 5,651	1 5,229	5,541	5,923	4,895	5,118	5,740	5,872	5,461 6	6,169
Other non-financial 26,3	26,300 25,295	95 26,622	26,554	26,390	26,583 2	26,262 24	26,910 27,	27,083 28,	28,242 27,886	386 26,578	578 26,964	64 27,661	726'12 19	7 27,331	26,805	26,916	26,516 2	25,783 27	27,414 29,	29,857 30,	30,781 28,4	28,470 28,450	20,260	0 31,129	31,436	33,749	32,697 3	34,613 32	32,664 31	31,411 32,281	281 32,701	01 31,874	4 31,609	32,253	33,112	36,604	35,159 3	34,583	36,795 37	37,358 37,	37,965
Other resident sectors 12,7	12,759 12,787	87 13,408	14,369	14,062	14,024	14,342 1	14,601	14,532 14,	14,695 14,865	365 15,007	007 15,200	15,769	15,812	2 15,780	15,679	15,475	15,919	15,804 16	16,402 16,	16,899 16,8	16,855 16,4	16,454 16,172	72 16,424	4 16,307	16,500	16,680	16,690	17,863 17	17,269 17,	17,528 17,5	17,558 17,816	17,721	1 17,326	17,521	18,101	18,278	18,321	18,557 18	18,974 19	19,053	19,273
In foreign currency 1,6	1,638 1,533	33 1,844	1,899	2,041	2,183	2,304	2,025 2	2,144 2,	2,007 2,9	2,953 2,013	013 2,417	1,775	75 1,951	1 2,188	1,501	1,370	1,632	1,436	1,177	1,458 1,8	1,888 1,6	1,696 2,228	1,937	7 2,237	1,962	1,536	2,102	1,633	1,522 1,	7,1 1,8,1	1,723 2,31	711 2,387	3,122	2,423	2,366	3,184	2,476	2,568	3,018	3,114 2	2,594
Other deposits 58,3	58,380 59,842	42 59,047	7 59,614	62,763	63,844 6	62,959 62	62,944 62,	62,738 64,	64,543 63,518	518 63,367	867 63,003	03 62,029	61,380	0 61,052	60,401	61,149	59,696	59,895 58	58,734 59,	59,277 60,8	60,822 62,1	62,102 61,327	27 60,073	3 60,925	58,701	58,299	59,391 51	58,437 57	57,451 58,0	58,049 57,269	269 58,465	58,578	8 58,324	58,651	58,595	968'19	9 072,23	61,065 60	09 205'09	80,772 58,	58,655
In national currency 58,3	58,380 59,842	42 59,047	7 59,614	62,763	63,844 6	62,959 62	62,944 62,	62,738 64,	64,543 63,518	518 63,367	867 63,003	03 62,029	61,380	0 61,052	60,401	61,149	59,696	29,895 58	58,734 59,	59,277 60,8	60,822 62,102	102 61,327	27 60,073	3 60,925	58,701	58,299	59,391 51	58,437 57	57,451 58,0	58,049 56,1	56,101 57,644	14 57,886	57,815	53,899	57,827	996,09	30,079 5	57,800 56	26,959	56,134 53	53,164
Other financial corporations 5,0	5,076 4,960	60 4,771	1 4,747	5,284	5,338	5,223 4	4,899	4,834 4,	4,929 4,9	4,929 4,9	4,917 5,184	184 4,923	23 4,281	1 6,857	7,521	7,199	7,448	7,936 7	7,960	7,806,7	7,817 7,6	7,687 7,672	72 8,149	9 8,231	8,009	7,394	6,578	6,293 6	6,200 6,	6,481 5,2,	5,249 5,773	73 5,802	2 6,140	5,947	2,600	5,534	5,488	5,553 5	5,665	5,107 4	4,667
Regional and local government 5	545 53	532 575	2 277	746	753	738	737	294	609	591	578 56	265 550	292	5 671	029	693	648	929	649	184	427 4	448 455	55 451	1 457	497	248	497	495	476	499	204	506 507	2 240	552	529	203	519	546	513	271	220
Public nonfinancial 4,8 corporations	4,877 5,268	5,379	9 5,326	5,511	5,853	5,763	5,670 5,	5,378 6,	6,400 5,6	5,635 5,667	967 5,681	281 5,668	38 6,234	4 6,561	7,055	6,978	6,670	7,355 7	9 090'2	6,607 6,8	6,806 6,1	6,188 6,181	18 5,707	7 8,278	6,141	9,636	6,732	6,834 6	970'9	6,258 5,84	5,840 6,278	007,9	0 6,119	6,246	6,509	2,066	7,587	7,328 6	2 808′9	9 805'2	6,754
Other nonfinancial corporations 19,2	19,217 19,959	19,109	19,202	20,304	20,392	19,778	19,561 20	20,020 20,	20,926 20,378	378 20,249	249 19,693	93 20,397	37 20,815	5 24,501	23,204	23,370	22,582	21,534 20	20,713 22	22,016 22,3	22,320 24,969	969 24,448	18 23,747	7 21,852	22,031	22,017	23,318 2	22,483 23	23,237 23,:	23,303 22,870	870 23,647	47 23,482	24,576	21,806	24,912	26,419	25,559 2	23,480 22	22,840 21	21,920 20	20,275
Other resident sectors 28,6	28,664 29,124	24 29,213	3 29,762	30,919	31,508	31,457 32	32,078 31	31,913	31,677 31,984	384 31,956	356 31,880	30,490	90 29,485	5 22,463	21,951	22,910	22,348	22,414 22	22,352 22,	22,367 23,4	23,452 22,809	809 22,570	70 22,019	22,107	22,023	21,704	22,266 2	22,332	21,511 21,	21,507 21,638	638 21,439	39 21,395	5 20,440	19,348	20,277	20,844	20,927 2	20,892 2	21,133 21	02 720,12	20,898
In foreign currency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,1	1,168 82	820 692	2 509	4,752	797	1,530	2,191	3,265	3,548 4	4,638 5	5,491
Deposits excluded from 16,1 broad money	16,152 15,877	16,792	16,387	17,110	17,182	17,418 18	18,224 17	17,811 16,	16,847 17,996	17,325	325 16,559	16,520	16,922	15,781	16,652	16,191	15,642 1	15,655 15	15,274 14,	14,296 15,	15,417 14,948	948 18,554	21,171	1 23,927	23,955	23,591	24,221 24	24,027 24	24,023 23,0	23,093 24,263	263 23,401	01 23,861	1 25,397	25,886	26,545	26,649	26,747 2.	25,360 25	25,888 27	27,763 26,	26,985
Transferable deposits 9,4	9,469 9,009	69 9,059	9 8,162	8,644	8,661	9,166	9,029	8,998	8,319 9,670	670 8,603	903 8,686	9,231	31 8,832	2 8,231	8,675	8,621	8,761	8,790	8,164 7,	7,784 8,0	8,034 6,7	90'6 9'063	9,378	8 9,735	9,059	8,446	8,639	9,231 9	9,425 8,	8,135 8,642	542 7,940	40 8,320	9,265	9,872	9,497	8,901	8,574	990'6	9,516 10	10,493	9,265
In national currency 6,8	6,837 5,963	63 5,770	0 4,939	5,362	5,909	6,369	6,120 5	5,312 5,	5,228 6,0	6,069 5,958	958 5,951	951 6,409	902'5	8 5,632	6,387	6,219	5,913	5,760 5	5,284 4	4,421 4,5	4,527 3,8	3,889 5,288	5,040	0 4,817	5,268	4,712	4,715	5,575 5	5,937 5,0	5,008 5,00	5,093 4,941	41 5,255	5,652	6,130	5,711	5,605	5,890	5,944	6,331	6,377 6,	6,469
In foreign currency 2,6	2,632 3,046	46 3,289	3,223	3,281	2,752	2,797	2,909 3,	3,686 3,	3,090 3,6	3,601 2,645	345 2,735	35 2,822	3,124	4 2,599	3,288	2,402	2,848	3,030	2,880 3,	3,363 3,4	3,507 2,8	2,885 3,775	75 4,338	8 4,918	3,791	3,735	3,924	3,655 3	3,488 3,	3,127 3,5	3,549 2,999	3,065	3,612	3,742	3,786	3,296	2,684	3,122	3,185	4,116 2	2,796
Other deposits 6,6	6,683 6,869	69 7,733	3 8,225	8,466	8,521	8,252 8	9,195 8	8,813 8,	8,528 8,326	326 8,722	722 7,873	73 7,290	060'8 06	0 7,550	7,977	7,570	6,882	6,865	7,110 6,	6,512 7,3	7,383 8,1	8,174 9,491	91 11,794	14,192	14,896	15,145 1	15,582 1	14,796 14	14,598 14,9	14,958 15,6	15,621 15,461	61 15,542	2 16,132	16,014	17,048	17,747	18,172	6,294 16	17 2/2/1	7,270 17,	17,720
In national currency 4,0	4,035 4,069	69 5,264	5,074	5,597	5,132	5,029	5,614 5	5,408 5,	5,276 5,4	5,478 6,194	194 5,426	26 5,095	95 5,709	9 5,234	5,533	5,303	4,822	5,009	5,111 4,	4,448 5,5	5,540 5,5	5,567 5,152	52 5,067	7 4,945	5,541	5,308	5,492	4,900 4	4,700 4,7	4,760 4,91	4,969 4,309	09 4,833	3 4,567	4,713	5,235	4,924	5,138	5,160 4	4,855 5	5,422 5	5,266
In foreign currency 2,6	2,648 2,800	00 2,469	3,151	2,869	3,388	3,223	3,581	3,404 3,	3,252 2,8	2,847 2,528	528 2,447	47 2,195	35 2,381	1,316	2,444	2,267	2,059	1,856 2	2,000 2,	2,065 1,8	1,843 2,6	2,607 4,338	38 6,727	7 9,248	9,355	9,837	10,089	6 968'6	9,899 10,	10,198 10,6	10,652 11,151	51 10,708	11,565	11,301	11,814	12,823	13,034	11,134	11,517	11,849 12	12,454

Table II.6 Monetary aggregates (end of period in N\$ million)

		Currency outside despository corporations	Transferable deposits	Narrow money (M1)	Other deposits	Securities included in M2	Broad money supply (M2)
		1	2	1+2 = 3	4	5	3+4+5=6
2018	Jan	2,823	43,888	46,711	49,614	0	96,324
	Feb	2,805	42,729	45,534	49,750	0	95,284
	Mar	2,856	45,362	48,219	49,631	0	97,849
	Apr	2,818	42,747	45,565	51,678	0	97,243
	May	2,749	44,390	47,139	51,713	0	98,852
	Jun	2,976	45,103	48,080	52,563	0	100,643
	Jul	2,887	46,222	49,109	52,911	0	102,020
	Aug	3,027	47,721	50,748	52,727	0	103,475
	Sep	3,137	46,555	49,692	54,772	0	104,464
	Oct	2,955	49,893	52,849	54,382	0	107,231
	Nov	3,125	48,406	51,531	53,938	0	105,468
2019	Dec	2,936	48,474 <b>47,748</b>	51,411	52,935	0	104,345
2019	<b>Jan</b> Feb	2,774		50,522	53,121	0	103,643
		2,729	48,920	51,649	51,871	0	103,520
	Mar	2,896	48,771	51,666	52,922	0	104,588
	Apr	2,825	49,172	51,998	54,861	0	106,858
	May	2,914	50,879	53,793	55,885		109,678
	Jun	2,995	49,233	52,229	55,790	0	108,019
	Jul	2,840	49,508	52,349	56,410	0	108,758
	Aug	3,013	50,317	53,330	58,462		111,792
	Sep	2,836	51,535	54,372	58,752	0	113,124
	Oct	2,649	53,119	55,768	58,625	0	114,393
	Nov	3,092	54,676	57,768	58,883	0	116,651
0000	Dec	2,873	54,093	56,966	58,370	0	115,336
2020	Jan	2,641	53,604	56,245	58,380	0	114,626
	Feb	2,598	51,370	53,967	59,842	0	113,810
	Mar	2,618	54,729	57,347	59,047	0	116,394
	Apr	2,865	58,411	61,276	59,614	0	120,891
	May	3,173	57,479	60,652	62,763	0	123,415
	Jun	3,047	56,978	60,025	63,844	0	123,869
	Jul	2,947	57,918	60,864	62,959	0	123,823
	Aug	3,028	58,455	61,482	62,944	0	124,426
	Sep	2,995	60,114	63,109	62,738	0	125,848
	Oct	3,086	59,936	63,022	64,543	0	127,565
	Nov	3,079	59,808	62,888	63,518	0	126,405
	Dec	2,914	58,371	61,286	63,367	0	124,652
2021	Jan	3,031	60,322	63,353	63,003	0	126,356
	Feb	3,007	60,170	63,176	62,029	0	125,206
	Mar	2,779	63,210	65,989	61,380	0	127,369
	Apr	2,929	60,656	63,586	61,052	0	124,638
	May	2,902	58,484	61,386	60,401	0	121,787
	Jun	2,905	57,716	60,622	61,149	0	121,771
	Jul	3,033	58,815	61,848	59,696	0	121,544
	Aug	3,012	60,145	63,157	59,895	0	123,052
	Sep	3,034	61,347	64,382	58,734	0	123,116
	Oct	3,181	66,354	69,535	59,277	0	128,812
	Nov	3,218	65,860	69,078	60,822	0	129,900
	Dec	3,128	64,715	67,843	62,102	0	129,944
2022	Jan	3,120	64,011	67,131	61,327	0	128,458
	Feb	3,153	63,987	67,140	60,073	0	127,212
	Mar	3,024	65,016	68,040	60,925	0	128,965
	Apr	3,207	64,456	67,663	58,701	0	126,365
	May	3,037	66,216	69,253	58,299	0	127,552
	Jun	3,183	65,827	69,010	59,391	0	128,402
	Jul	3,168	73,262	76,429	58,437	0	134,866
	Aug	3,296	67,270	70,567	57,451	0	128,018
	Sep	3,364	66,877	70,242	58,049	0	128,290
	Oct	3,444	66,270	69,714	57,269	0	126,983
	Nov	3,376	67,216	70,593	58,465	0	129,056
	Dec	3,332	68,047	71,378	58,578	0	129,958
2023	Jan	3,249	68,123	71,373	58,324	0	129,697
	Feb	3,241	67,994	71,235	58,651	0	129,886
	Mar	3,216	69,476	72,692	58,595	0	131,286
	Apr	3,396	73,638	77,033	61,896	0	138,929
	May	3,297	71,814	75,111	62,270	0	137,381
	Jun	3,355	71,671	75,026	61,065	0	136,091
	Jul	3,467	75,270	78,737	60,507	0	139,244
	Aug	3,439	76,151	79,590	60,772	0	140,362

Table II.7 Monetary analysis (end of period in N\$ million)

					Determinan	its of money s itral Governme			
		Broad money supply (M2)	Net foreign assets (cumulative flow)	Gross claims	Government deposits	Other liabilities	Net claims on Government	Claims on other sectors	Other items net
2018	Jan	96,324	35,871	15,555	9,353	0	6,202	98,396	-44,145
	Feb	95,284	32,402	16,328	8,634	0	7,694	99,397	-44,210
	Mar	97,849	29,756	17,912	6,081	0	11,830	98,461	-42,198
	Apr	97,243	34,096	16,914	8,297	0	8,617	99,354	-44,824
	May	98,852	32,488	17,525	6,826	0	10,699	99,167	-43,502
	Jun	100,643	34,597	17,713	7,785	0	9,928	99,362	-43,244
	Jul	102,020	36,121	18,465	8,794	0	9,671	99,867	-43,638
	Aug	103,475	36,234	18,739	7,825	0	10,914	101,335	-45,008
	Sep	104,464	37,027	19,138	6,893	0	12,245	101,904	-46,712
	Oct	107,231	39,717	19,180	7,464	0	11,716	102,634	-46,836
	Nov	105,468	36,147	19,562	5,961	0	13,600	102,721	-47,000
	Dec	104,345	37,958	19,338	9,409	0	9,929	103,580	-47,12
2019	Jan	103,643	38,892	19,262	11,342	0	7,920	104,150	-47,31
2010	Feb	103,520	39,897	19,258	9,405	0	9,853	104,686	-50,91
	Mar	103,520	39,136	20,512	7,228	0	13,284	104,080	-52,31
		1	1			0	9,799		
	Apr	106,858	44,406	20,107	10,308			105,565	-52,91
	May	109,678	44,793	20,234	8,490	0	11,744	106,785	-53,64
	Jun	108,019	41,691	20,487	8,811	0	11,676	106,775	-52,12
	Jul	108,758	44,529	21,075	10,995	0	10,081	107,181	-53,03
	Aug	111,792	44,483	21,153	9,061	0	12,092	107,255	-52,03
	Sep	113,124	40,526	24,675	9,115	0	15,560	108,576	-51,53
	Oct	114,393	43,245	24,007	9,437	0	14,569	109,523	-52,94
	Nov	116,651	41,351	24,907	8,192	0	16,715	109,633	-51,04
	Dec	115,336	37,934	25,223	7,879	0	17,344	110,278	-50,22
2020	Jan	114,626	41,061	24,040	9,644	0	14,396	110,868	-51,69
	Feb	113,810	41,215	23,650	9,450	0	14,200	110,953	-52,55
	Mar	116,394	39,529	26,979	9,932	0	17,047	110,815	-50,99
	Apr	120,891	47,182	28,309	10,541	0	17,768	109,465	-53,52
	May	123,415	46,990	27,200	6,472	0	20,728	108,782	-53,08
	Jun	123,869	45,533	28,297	6,223	0	22,074	109,421	-53,15
	Jul	123,823	48,797	28,095	9,999	0	18,096	108,881	-51,95
	Aug	124,426	46,971	29,203	9,119	0	20,083	109,621	-52,25
	Sep	125,848	44,683	29,504	6,305	0	23,199	109,404	-51,43
	Oct	1	48,954	29,781	8,066	0	21,715	109,404	-52,38
		127,565	42,995		6,348	0	24,435	110,927	-51,95
	Nov	126,405	1	30,782	·	0			
2021	Dec	124,652	41,819	30,811	7,118		23,694	111,239	-52,10
2021	Jan	126,356	45,526	31,713	9,810	0	21,902	111,115	-52,18
	Feb	125,206	42,976	31,995	7,771	0	24,224	111,054	-53,04
	Mar	127,369	45,302	35,065	6,692	0	28,373	110,835	-57,14
	Apr	124,638	52,602	33,835	11,157	0	22,678	110,788	-61,43
	May	121,787	49,469	33,972	10,040	0	23,932	109,513	-61,12
	Jun	121,771	51,394	34,567	13,272	0	21,296	110,185	-61,10
	Jul	121,544	53,442	33,775	12,487	0	21,287	109,554	-62,74
	Aug	123,052	52,030	34,177	10,437	0	23,741	110,004	-62,72
	Sep	123,116	52,029	35,155	11,526	0	23,629	111,036	-63,57
	Oct	128,812	55,652	36,058	12,378	0	23,680	111,717	-62,23
	Nov	129,900	48,903	35,507	3,457	0	32,050	112,596	-63,649
	Dec	129,944	50,697	35,114	4,060	0	31,054	112,371	-64,17
2022	Jan	128,458	51,512	34,771	5,816	0	28,954	113,891	-65,89
	Feb	127,212	51,775	35,130	4,384	0	30,747	113,945	-69,25
	Mar	128,965	48,039	36,990	3,568	0	33,422	112,950	-65,44
	Apr	126,365	50,483	34,693	5,363	0	29,331	113,320	-66,76
	May	127,552	51,625	35,503	3,972	0	31,531	113,619	-69,22
	Jun	128,402	52,200	35,315	4,541	0	30,774	112,679	-67,25
	Jul	134,866	59,698	35,389	5,602	0	29,787	112,134	-66,74
	Aug	128,018	55,555	36,538	4,749	0	31,789	112,134	-71,32
	1	1	54,003		4,749 4,766	0	31,284		
	Sep	128,290		36,050 35,374				112,826	-69,81
	Oct	126,983	51,597	35,374	4,031	0	31,344	112,493	-68,44 70.74
	Nov	129,056	52,964	35,992	2,381	0	33,611	113,230	-70,74
	Dec	129,958	56,675	34,720	3,643	0	31,077	113,879	-71,67
2023	Jan	129,697	59,349	34,534	6,348	0	28,186	114,225	(72,063
	Feb	129,886	60,880	34,650	4,181	0	30,469	114,363	(75,826
	Mar	131,286	60,874	37,747	3,385	0	34,362	114,514	(78,465
	Apr	138,929	72,971	35,073	6,842	0	28,231	115,066	(77,339
	May	137,381	70,312	34,195	4,340	0	29,856	114,175	(76,96°
	Jun	136,091	66,836	34,168	5,639	0	28,529	115,660	(74,934
	Jul	139,244	73,476	35,741	8,541	0	27,200	115,365	(76,797
	Aug	140,362	72,347	37,470	5,781	0	31,689	116,479	(80,152
	Sep	138,458	68,968	36,630	5,742	0	30,888	116,059	(77,457

Table II.8 Changes in determinants of money supply (N\$ million)

						nts of money			
		Broad money supply (M2)	Net foreign assets (cumulative flow)	Gross	Claims on the Ce	Other	Net claims on	Claims on other sectors	Other items net
2018	Jan	-1,753	1,878	claims -56	deposits 2,762	liabilities 0	Government -2,818	1,859	-2,672
2010	Feb	-1,733	-3,469	774	-719	0	1,492	1,001	-65
	Mar	2,565	-2,647	1,584	-2,552	0	4,136	-936	2,012
	Apr	-606	4,340	-998	2,215	0	-3,213	893	-2,626
	May	1,609	-1,608	610	-1,471	0	2,081	-187	1,323
	Jun	1,790	2,109	189	959	0	-771	195	257
	Jul	1,378	1,524	752	1,009	0	-257	505	-393
	Aug	1,455	113	274	-969	0	1,243	1,468	-1,370
	Sep	989	793	399	-933	0	1,332	569	-1,705
	Oct	2,767	2,690	42	571	0	-529	730	-124
	Nov	-1,763	-3,570	382	-1,502	0	1,884	87	-164
2019	Dec	-1,123	1,811	-224	3,447	0	-3,671	859	-122
2019	Jan Feb	<b>-702</b> -123	934 1,005	- <b>75</b> -4	<b>1,933</b> -1,937	0	<b>-2,009</b> 1,932	<b>570</b> 536	<b>-198</b> -3,596
	Mar	1,068	-761	1,254	-2,177	0	3,431	-199	-1,404
	Apr	2,271	5,271	-405	3,080	0	-3,485	1,078	-593
	May	2,820	387	127	-1,818	0	1,944	1,219	-731
	Jun	-1,659	-3,102	253	320	0	-67	-10	1,520
	Jul	739	2,838	588	2,184	0	-1,596	405	-908
	Aug	3,034	-46	77	-1,933	0	2,011	74	995
	Sep	1,331	-3,958	3,523	54	0	3,469	1,321	499
	Oct	1,269	2,720	-669	323	0	-991	948	-1,407
	Nov	2,258	-1,894	901	-1,245	0	2,146	110	1,897
	Dec	-1,314	-3,417	315	-313	0	629	645	829
2020	Jan	-711	3,127	-1,183	1,765	0	-2,948	590	-1,480
	Feb Mar	-816 2,584	153 -1,686	-390 3,329	-193 482	0	-196 2,848	86 -138	-859 1 561
	Apr	4,496	7,654	1,330	609	0	721	-1,350	1,561 -2,529
	May	2,525	-192	-1,109	-4,069	0	2,960	-682	440
	Jun	454	-1,457	1,097	-249	0	1,345	639	-74
	Jul	-46	3,264	-202	3,776	0	-3,977	-540	1,208
	Aug	603	-1,826	1,107	-880	0	1,987	740	-298
	Sep	1,421	-2,288	302	-2,814	0	3,116	-217	811
	Oct	1,717	4,271	277	1,761	0	-1,484	-125	-945
	Nov	-1,159	-5,959	1,001	-1,718	0	2,719	1,648	433
	Dec	-1,753	-1,176	29	770	0	-741	313	-149
2021	Jan Feb	1,704	3,707	<b>901</b> 282	<b>2,693</b> -2,039	0	-1,791	<b>-124</b> -61	<b>-88</b> -861
	Mar	-1,151 2,164	-2,550 2,326	3,071	-1,079	0	2,321 4,149	-219	-4,092
	Apr	-2,731	7,300	-1,230	4,464	0	-5,695	-46	-4,290
	May	-2,851	-3,133	137	-1,117	0	1,254	-1,275	303
	Jun	-17	1,925	595	3,231	0	-2,637	672	23
	Jul	-227	2,047	-793	-784	0	-8	-631	-1,636
	Aug	1,508	-1,412	403	-2,050	0	2,453	450	17
	Sep	64	-1	978	1,089	0	-112	1,032	-856
	Oct	5,697	3,623	902	852	0	51	681	1,342
	Nov	1,088	-6,749	-551	-8,921	0	8,370	879	-1,412
2022	Dec	-1, <b>487</b>	1,794 <b>815</b>	-392 <b>-344</b>	604	0	-996 <b>-2,100</b>	-226 <b>1,520</b>	-528 <b>-1,722</b>
2022	Jan Feb	-1,487 -1,246	263	360	<b>1,756</b> -1,433	0	1,792	1,520	-3,355
	Mar	1,753	-3,737	1,860	-1,433 -816	0	2,675	-995	3,809
	Apr	-2,601	2,444	-2,297	1,795	0	-4,091	370	-1,324
		_,	-,	-,		0	2,200	299	-2,453
	May	1,187	1,142	810	-1,390	U			
		1,187 850	1,142 575	810 -188	-1,390 569	0	-757	-940	1,971
	May								1,971 505
	May Jun	850	575	-188	569	0	-757	-940	
	May Jun Jul Aug Sep	850 6,465 -6,848 272	575 7,492 -4,143 -1,552	-188 74 1,149 -488	569 1,060 -853 17	0 0 0 0	-757 -987 2,002 -505	-940 -545 -134 825	505 -4,574 1,503
	May Jun Jul Aug Sep Oct	850 6,465 -6,848 272 -1,307	575 7,492 -4,143 -1,552 -2,406	-188 74 1,149 -488 -676	569 1,060 -853 17 -735	0 0 0 0	-757 -987 2,002 -505 59	-940 -545 -134 825 -333	505 -4,574 1,503 1,373
	May Jun Jul Aug Sep Oct Nov	850 6,465 -6,848 272 -1,307 2,073	575 7,492 -4,143 -1,552 -2,406 1,373	-188 74 1,149 -488 -676 618	569 1,060 -853 17 -735 618	0 0 0 0 0	-757 -987 2,002 -505 59 2,267	-940 -545 -134 825 -333 736	505 -4,574 1,503 1,373 -2,302
2022	May Jun Jul Aug Sep Oct Nov Dec	850 6,465 -6,848 272 -1,307 2,073 902	575 7,492 -4,143 -1,552 -2,406 1,373 3,711	-188 74 1,149 -488 -676 618 -1,272	569 1,060 -853 17 -735 618 -1,272	0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533	-940 -545 -134 825 -333 736 650	505 -4,574 1,503 1,373 -2,302 -927
2023	May Jun Jul Aug Sep Oct Nov Dec	850 6,465 -6,848 272 -1,307 2,073 902	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 <b>2,668</b>	-188 74 1,149 -488 -676 618 -1,272	569 1,060 -853 17 -735 618 -1,272	0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533	-940 -545 -134 825 -333 736 650	505 -4,574 1,503 1,373 -2,302 -927 -383
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb	850 6,465 -6,848 272 -1,307 2,073 902 -261 189	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 <b>2,668</b> 1,531	-188 74 1,149 -488 -676 618 -1,272 -187	569 1,060 -853 17 -735 618 -1,272 -187	0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284	-940 -545 -134 825 -333 736 650 <b>345</b>	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar	850 6,465 -6,848 272 -1,307 2,073 902 -261 189 1,400	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 <b>2,668</b> 1,531 -6	-188 74 1,149 -488 -676 618 -1,272 -187 116 3,097	569 1,060 -853 17 -735 618 -1,272 -187 116 -796	0 0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284 3,893	-940 -545 -134 825 -333 736 650	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763 -2,639
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb	850 6,465 -6,848 272 -1,307 2,073 902 -261 189	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 <b>2,668</b> 1,531	-188 74 1,149 -488 -676 618 -1,272 -187	569 1,060 -853 17 -735 618 -1,272 -187	0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284	-940 -545 -134 825 -333 736 650 <b>345</b> 137	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr	850 6,465 -6,848 272 -1,307 2,073 902 -261 189 1,400 7,643	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 2,668 1,531 -6 12,096	-188 74 1,149 -488 -676 618 -1,272 -187 116 3,097 -2,674	569 1,060 -853 17 -735 618 -1,272 -187 116 -796 3,457	0 0 0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284 3,893 -6,131	-940 -545 -134 825 -333 736 650 <b>345</b> 137 152 551	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763 -2,639 1,126
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May	850 6,465 -6,848 272 -1,307 2,073 902 -261 189 1,400 7,643 -1,548	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 2,668 1,531 -6 12,096 -2,659	-188 74 1,149 -488 -676 618 -1,272 -187 116 3,097 -2,674 -878	569 1,060 -853 17 -735 618 -1,272 -187 116 -796 3,457 -2,502	0 0 0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284 3,893 -6,131 1,624	-940 -545 -134 825 -333 736 650 <b>345</b> 137 152 551 -891	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763 -2,639 1,126 377
2023	May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun	850 6,465 -6,848 272 -1,307 2,073 902 -261 189 1,400 7,643 -1,548 -1,290	575 7,492 -4,143 -1,552 -2,406 1,373 3,711 2,668 1,531 -6 12,096 -2,659 -3,475	-188 74 1,149 -488 -676 618 -1,272 -187 116 3,097 -2,674 -878 -28	569 1,060 -853 17 -735 618 -1,272 -187 116 -796 3,457 -2,502 1,299	0 0 0 0 0 0 0 0	-757 -987 2,002 -505 59 2,267 -2,533 -2,892 2,284 3,893 -6,131 1,624 -1,327	-940 -545 -134 825 -333 736 650 <b>345</b> 137 152 551 -891 1,485	505 -4,574 1,503 1,373 -2,302 -927 -383 -3,763 -2,639 1,126 377 2,027

**Table II.9 Selected interest rates: Namibia and South Africa** 

FF MM A A Mi July July A A Mi July A A Mi July A A Mi July A A A A Mi July A A A A Mi July A A A A A A Mi July A A A A A A A A A A A A A A A A A A A	Jan Feb Mar Apr May Jun Jul Aug Sep Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Get Mar Apr May Jun Jul Aug Sep Mar Apr May Jun Jul Aug Sep Mar Apr May Jun Jul Aug Sep	Namibia 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	\$A 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	Namibia 10.50 10.75 10.25	\$A  10.25  10.25  10.00  10.00  10.00  10.00  10.00  10.00  10.25	Namibia 10.17 10.14 10.04 10.07 10.27 10.12 10.19 10.11 10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90 7.07	\$A  10.70  10.65  10.61  10.47  10.49  10.50  10.49  10.66  10.61  10.64  10.63  10.63  10.63  10.63  10.53  10.45  10.49  10.57  10.55  10.60  10.49  10.52  9.83  9.16  8.70  8.43  8.47  8.38  8.02	Namibia 7.62 8.06 8.11 8.20 8.27 8.18 7.92 7.91 7.90 7.95 7.92 7.90 7.88 7.88 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21 4.01	SA 7.21 7.04 6.87 7.01 7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88 3.45	Namibia 6.21 6.45 6.45 6.60 5.73 5.68 5.70 5.58 5.52 5.73 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.30 4.62 4.22 4.22 3.95 3.81 3.70	\$A  7.16  7.11  7.05  6.95  6.91  6.92  6.95  6.96  6.86  6.89  7.09  7.13  7.16  7.12  7.15  7.17  7.03  7.15  7.00  6.98  6.92  6.76  6.88  6.72  6.14  5.25  4.77  4.51  4.37  4.22	yield (1 Namibia 10.47 10.16 9.91 9.90 10.29 10.67 10.61 10.86 11.01 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	SA  8.5  8.1  8.4  8.8  9.2  9.9  9.9  9.1  9.1  9.1  10.1  10.1  10.1
FF MM A A Mi July July A A Mi July A A Mi July A A Mi July A A A A Mi July A A A A Mi July A A A A A A Mi July A A A A A A A A A A A A A A A A A A A	Feb Mar Apr May Jun Jul Aug Sep Oct Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Jun Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.25 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.25	10.14 10.04 10.07 10.27 10.12 10.19 10.11 10.09 10.23 10.09 10.19 10.11 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.65 10.61 10.47 10.49 10.50 10.50 10.49 10.46 10.66 10.61 10.63 10.63 10.63 10.63 10.57 10.63 10.57 10.55 10.60 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	8.06 8.11 8.20 8.27 8.18 7.92 7.91 7.90 7.90 7.95 7.88 7.88 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.04 6.87 7.01 7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	6.45 6.45 6.60 5.73 5.68 5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.11 7.05 6.95 6.91 6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	10.16 9.91 9.90 10.29 10.67 10.61 10.86 11.01 11.00 10.87 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8.1 8.4 8.4 8.8 9.3 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1
M A A A A A A A A A A A A A A A A A A A	Mar Apr May Jun Jul Aug Sep Oct Nov Jan Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Jan Feb Mar Apr May Jun Aug Sep	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	10.50 10.55 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.50	10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.25	10.04 10.07 10.27 10.12 10.19 10.11 10.09 10.23 10.09 10.19 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.61 10.47 10.49 10.50 10.50 10.49 10.66 10.61 10.64 10.63 10.63 10.63 10.63 10.57 10.63 10.57 10.55 10.60 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	8.11 8.20 8.27 8.18 7.92 7.91 7.90 7.95 7.92 7.88 7.88 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.64 7.69 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.87 7.01 7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.33 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	6.45 6.60 5.73 5.68 5.70 5.58 5.52 5.73 5.56 5.57 5.63 5.93 5.75 5.95 5.81 5.77 5.55 5.52 5.45 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.05 6.95 6.91 6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.91 9.90 10.29 10.67 10.61 10.86 11.01 11.10 10.87 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8.4 8.4 8.8 9.3 9.5 9.6 9.9 9.1 9.1 9.0 8.8 9.0 9.1 10.0 10.1
D19 Ji AA Mi	Apr May Jun Jul Aug Sep Oct Nov Jan Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Jun Jul Aug Sep Oct May Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.25	10.07 10.27 10.12 10.19 10.11 10.09 10.23 10.09 10.19  10.01 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.47 10.49 10.50 10.50 10.49 10.46 10.66 10.61 10.64  10.63 10.63 10.63 10.57 10.63 10.57 10.55 10.60 10.49 10.57 10.55 10.60 8.43 8.47 8.38 8.02	8.20 8.27 8.18 7.92 7.91 7.90 7.95 7.92 7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.66 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.01 7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	6.60 5.73 5.68 5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.95 6.91 6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37	9.90 10.29 10.67 10.61 10.86 11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8.4 8.8 9.3 9.5 9.6 9.9 9.5 9.7 9.7 9.7 9.8 8.9 9.9 9.0 9.1 11.1 10.1 10.1
D19 Ji AA Mi	Apr May Jun Jul Aug Sep Oct Nov Jan Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Jun Jul Aug Sep Oct May Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 10.00 10.00 10.25	10.07 10.27 10.12 10.19 10.11 10.09 10.23 10.09 10.19  10.01 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.47 10.49 10.50 10.50 10.49 10.46 10.66 10.61 10.64  10.63 10.63 10.63 10.57 10.63 10.57 10.55 10.60 10.49 10.57 10.55 10.60 8.43 8.47 8.38 8.02	8.20 8.27 8.18 7.92 7.91 7.90 7.95 7.92 7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.66 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.01 7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	6.60 5.73 5.68 5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.95 6.91 6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37	9.90 10.29 10.67 10.61 10.86 11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8.4 8.8 9.3 9.5 9.6 9.9 9.5 9.7 9.7 9.7 9.8 8.9 9.9 9.0 9.1 11.1 10.1 10.1
D19 Ji AI	May Jun Jul Aug Sep Oct Nov Dec Jan Apr May Jun Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Jun Jul Aug Sep Jan Feb Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.50	10.00 10.00 10.00 10.00 10.00 10.00 10.25	10.27 10.12 10.19 10.11 10.09 10.23 10.09 10.19 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.49 10.50 10.49 10.46 10.66 10.61 10.64 10.63 10.63 10.63 10.57 10.63 10.57 10.55 10.49 10.57 10.55 10.60 10.49 10.57 10.55 10.60 8.43 8.47 8.38 8.02	8.27 8.18 7.92 7.91 7.90 7.95 7.92 7.90 7.88 7.88 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.66 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.03 7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.73 5.68 5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.91 6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.29 10.67 10.61 10.86 11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8.4 9 9 9 9 9 9 9 9
D19 Ji Ai	Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Aug Sep Oct Nov Dec Jan Feb Mar Aug Sep Jun Aug Sep Jun Aug Sep Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.75 10.00 8.00 8.00 8.00 7.75 7.50 7.50	10.00 10.00 10.00 10.00 10.00 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00	10.12 10.19 10.11 10.09 10.23 10.09 10.19 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.50 10.49 10.46 10.66 10.61 10.64 10.63 10.63 10.63 10.63 10.57 10.55 10.49 10.57 10.55 10.60 10.49 10.57 10.55 10.60 10.49 10.57 10.55 10.60 10.49 10.57	8.18 7.92 7.91 7.90 7.90 7.95 7.92 7.88 7.88 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.07 7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.68 5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.92 6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.67 10.61 10.86 11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 9 9 9 9 8 8 9 9 10 110. 10
D19 Ji Ai	Jul Aug Sep Oct Nov Dec Jan Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jul Aug Sep Jul Aug Aug Jul Aug Sep Jul Aug Sep Sep	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50	10.00 10.00 10.00 10.00 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	10.19 10.11 10.09 10.23 10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.50 10.49 10.46 10.66 10.61 10.64 10.63 10.63 10.63 10.63 10.57 10.55 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.92 7.91 7.90 7.90 7.95 7.92 7.88 7.88 7.87 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.09 7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.70 5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.95 6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.61 10.86 11.01 11.10 11.00 10.87 <b>10.59</b> 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9. 9. 9. 9. 9. 9. 9. 9. 8. 8. 9. 9. 10. 11. 10.
D19 Ji D19 Ji M A M M Ji Ji J A A M M M M A M M M M M M M M M M M M	Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Mov Dec Jun Jul Aug Sep Oct Nov Dec Jun Jun Apr Oct Nov Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Apr Oct Dec Jun Dec Dec Dec Jun Dec Dec Dec Dec Dec Dec Dec Dec Dec Dec	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.75 10.75 10.75 7.50 7.50	10.00 10.00 10.00 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	10.11 10.09 10.23 10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.49 10.46 10.66 10.61 10.64 10.65 10.57 10.63 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.91 7.90 7.90 7.95 7.92 7.88 7.88 7.87 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.16 7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.58 5.52 5.73 5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.96 6.86 6.89 7.09 7.13 7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.86 11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9. 9. 9. 9. 9. 9. 8. 8. 9. 9. 10. 11. 10
Second   S	Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Mov Dec Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.75 10.50	10.00 10.00 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.00 7.00 7.00 7.00	10.09 10.23 10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.46 10.66 10.61 10.64 10.66 10.57 10.63 10.63 10.62 10.63 10.57 10.55 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.90 7.90 7.95 7.92 7.90 7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.12 7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.52 5.73 5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.30 4.62 4.22 3.95 3.81	6.86 6.89 7.09 7.13 <b>7.16</b> 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 <b>6.80</b> 6.72 6.14 5.25 4.77 4.51 4.37	11.01 11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9.9. 9.9. 9.9. 9.9. 9.9. 9.0. 9.0. 9.0.
D19 Ji D19 Ji F6 MM AA Mi Ji Ji D20 Ji MA AA Mi Ji Ji AA Mi Ji Ji AA Mi Ji Ji AA Mi D0	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Apr Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.75	6.50 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.75 10.50	10.00 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.20 7.00 7.00 7.00	10.23 10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.66 10.61 10.64 10.66 10.57 10.63 10.62 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.90 7.95 7.92 7.88 7.88 7.87 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.27 7.43 7.61 7.39 7.13 6.98 7.23 7.10 6.99 6.94 6.74 6.90 7.06 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.73 5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 <b>5.45</b> 5.45 5.40 4.62 4.22 3.95 3.81	6.89 7.09 7.13 7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37 4.22	11.10 11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	99999999999999999999999999999999999999
D19 Ji F6 MM AA M. JI JI AI	Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Jan Apr Mar Apr Mar Apr Mar Apr Mar Apr Sep Oct Under Jun Sep Oct Nov Jun Aug Sep Jun Sep Sep Sep Sep Sep Sep Sep Sep Sep Sep	6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75	6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.75 10.75 10.75 7.50 7.50	10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.75 7.25 7.25 7.00 7.00	10.09 10.19 10.11 10.01 10.08 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.61 10.64 10.66 10.57 10.63 10.63 10.63 10.63 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.95 7.92 7.88 7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.43 7.61 7.39 7.13 6.98 7.23 7.10 6.99 6.94 6.74 6.90 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.56 5.57 <b>5.63</b> 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 <b>5.50</b> 4.62 4.22 3.95 3.81	7.09 7.13 7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	11.00 10.87 10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9.9.9.9.9.9.8.8.8.0.9.9.9.9.9.10.0.11.10.9.9.10.10.10
Din	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Aug Sep Gec Sep Gec Jan Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	6.75 6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50  10.50  10.50  10.50  10.50  10.50  10.50  10.50  10.25  10.25  10.25  10.25  10.00  9.00  8.00  7.75  7.50  7.50  7.50	10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.00 7.00 7.00	10.19 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.64  10.66  10.57  10.63  10.63  10.62  10.63  10.53  10.45  10.49  10.55  10.60  10.49  10.52  9.83  9.16  8.70  8.43  8.47  8.38  8.02	7.92 7.88 7.88 7.87 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.61 7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.57 5.63 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.13 7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37 4.22	10.87 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 9. 9. 9. 9. 9. 8. 8. 8. 8. 9. 9. 10. 111 100 9. 100 100 100 100 100 100 100 100 100 10
D19 Ji FF M A A Mi Ji AI	Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Febar Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.25 7.25 7.00 7.00 7.00	10.11 10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.66 10.57 10.63 10.63 10.62 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.90 7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.39 7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.63 5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.16 7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.72 6.14 5.25 4.77 4.51 4.37 4.22	10.59 10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9.999999999999999999999999999999999999
FEMMAAMAMAAMAAMAAAAAAAAAAAAAAAAAAAAAAAA	Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Apr Mar Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.25 4.00 4.00 3.75 3.75	6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	10.50 10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.25 10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.25 7.25 7.00 7.00 7.00	10.01 10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.57 10.63 10.62 10.63 10.53 10.45 10.49 10.57 10.50 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.88 7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.13 6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.61 5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.12 7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.43 10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	99 99 99 98 88 88 89 99 100 111 100 99 100 100 110
M A A A A A A A A A A A A A A A A A A A	Mar Apr May Jun Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 4.25 4.25 4.00 4.00 3.75 3.75	6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50	10.50 10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.25 10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	10.08 9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 9.83 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.63 10.63 10.62 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.88 7.77 7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.69 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.98 7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.93 5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.30 4.62 4.22 3.95 3.81	7.15 7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.36 10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	99 99 88 99 88 89 99 100 111 100 9
A Mi Ji J J A Mi A Mi Ji J J A Mi A Mi Ji J J A Mi A Mi	Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 4.25 4.25 4.00 4.00 3.75 3.75	6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50	10.50 10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50	10.25 10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	9.91 9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.63 10.62 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.23 7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.98 5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.17 7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.11 10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 9 8 8 8 8 9 9 10 111 100 9 10 10
Mi Ji	May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.75 6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 6.25 3.75 3.75 3.75 3.50 3.50 3.50	10.50 10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50	10.25 10.25 10.00 10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.25 7.00 7.00 7.00	9.91 10.04 10.06 9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.62 10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.77 7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.13 7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.75 5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.03 7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	10.05 9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 8 8 8 8 9 9 10 11 10 9
D20 Ji AA	Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.75 6.75 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.75 6.50 6.50 6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50	10.50 10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50	10.25 10.00 10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.00 7.00 7.00	10.04 10.06 9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.63 10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.67 7.55 7.39 7.30 7.25 7.41 7.64 7.66 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.10 6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.95 5.81 5.77 5.55 5.52 5.49 5.45 5.45 5.45 5.30 4.62 4.22 3.95 3.81	7.15 7.00 6.98 6.92 6.76 6.88 6.78 6.72 6.14 5.25 4.77 4.51 4.37	9.98 9.69 9.79 9.54 9.54 9.73 9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 8 8 8 8 9 9 9 10 11 10 9 10
D20 Ji D20 Ji D20 Ji D20 Ji D20 Ji D20 Ji D21 Ji D21 Ji D21 Ji D22 Ji D23 Ji D24 Ji D25 Ji D26 Ji D27 Ji D27 Ji D28 Ji D2	Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.75 6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50	10.50 10.25 10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 10.00 10.00 <b>9.75</b> 9.75 8.75 7.25 7.25 7.25 7.00 7.00	10.06 9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.53 10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.55 7.39 7.30 7.25 7.41 7.64 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.99 6.94 6.74 6.90 7.06 7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.81 5.77 5.55 5.52 5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	7.00 6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37	9.69 9.79 9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	8 9 8 8 9 9 10 11 10 9
ALI SER O O NI O DE O O NI O O O O NI O O O O O O O O O O O	Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50	10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 10.00 <b>9.75</b> 9.75 8.75 7.25 7.25 7.25 7.00 7.00 7.00	9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.39 7.30 7.25 7.41 7.64 <b>7.89</b> 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.94 6.74 6.90 7.06 7.16 <b>6.45</b> 6.20 5.60 4.24 4.17 4.02 3.88	5.77 5.55 5.52 5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.98 6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37	9.79 9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 8 8 9 9 10 11 10 9
SR   O   Ni	Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50	10.25 10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.25 7.00 7.00 7.00	9.77 9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.45 10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.39 7.30 7.25 7.41 7.64 <b>7.89</b> 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.94 6.74 6.90 7.06 7.16 <b>6.45</b> 6.20 5.60 4.24 4.17 4.02 3.88	5.77 5.55 5.52 5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.79 9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 8 8 9 9 10 11 10 9
SR   O   Ni	Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.50 3.50 3.50 3.50	10.25 10.25 10.25 10.25 10.00 9.00 8.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.25 7.00 7.00 7.00	9.74 9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.49 10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.30 7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.74 6.90 7.06 7.16 <b>6.45</b> 6.20 5.60 4.24 4.17 4.02 3.88	5.55 5.52 5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.92 6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.54 9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	88 89 99 100 111 100 9
O No	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50	10.25 10.25 10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 10.00 9.75 9.75 8.75 7.25 7.25 7.00 7.00 7.00	9.79 9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.57 10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.25 7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.90 7.06 7.16 <b>6.45</b> 6.20 5.60 4.24 4.17 4.02 3.88	5.52 5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.76 6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.54 9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	88 9 9 10 11 10 9 10
No Di	Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.50 6.25 6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50	10.25 10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.00 10.00 <b>9.75</b> 9.75 8.75 7.25 7.25 7.00 7.00 7.00	9.53 9.70 <b>9.83</b> 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.55 10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.41 7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.06 7.16 <b>6.45</b> 6.20 5.60 4.24 4.17 4.02 3.88	5.49 5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.88 6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.73 9.91 <b>9.77</b> 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 9 10 11 10 9 10
Di D	Dec Jan Feb Mar Apr May Jun Jul Aug Sep	6.50 6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.50 6.25 6.25 5.25 4.25 3.75 3.50 3.50 3.50 3.50 3.50	10.25 10.00 9.00 8.00 7.75 7.50 7.50 7.50	10.00 9.75 9.75 8.75 7.25 7.25 7.00 7.00 7.00 7.00	9.70 9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.60 10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.64 7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	7.16 6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.45 5.50 5.45 5.30 4.62 4.22 3.95 3.81	6.78 6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.91 9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 9 10 11 10 9 10
D20 Ji FF M A A Mi JI AI AI D21 Ji AI	Feb Mar Apr May Jun Jul Aug Sep	6.50 6.25 5.25 4.25 4.00 4.00 3.75 3.75 3.75	6.25 6.25 5.25 4.25 3.75 3.50 3.50 3.50 3.50 3.50	10.25 10.00 9.00 8.00 7.75 7.75 7.50 7.50	9.75 9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	9.83 9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.49 10.52 9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.89 7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.45 6.20 5.60 4.24 4.17 4.02 3.88	5.45 5.45 5.30 4.62 4.22 3.95 3.81	6.80 6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.77 9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 10 11 10 9 10
FEMMAAMAAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Feb Mar Apr May Jun Jul Aug Sep	6.25 5.25 4.25 4.25 4.00 4.00 3.75 3.75 3.75	6.25 5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50	10.00 9.00 8.00 8.00 7.75 7.75 7.50 7.50	9.75 8.75 7.75 7.25 7.25 7.00 7.00 7.00	9.63 9.37 8.11 7.53 7.62 7.39 7.09 6.90	10.52 9.83 9.16 8.70 8.43 8.47 8.38	7.66 7.67 5.88 4.99 4.58 4.35 4.21	6.20 5.60 4.24 4.17 4.02 3.88	5.45 5.30 4.62 4.22 3.95 3.81	6.72 6.14 5.25 4.77 4.51 4.37 4.22	9.82 11.40 11.62 10.10 9.71 9.81 9.58	9 10 11 10 9 10
MM A A Mi July July July July July July July July	Mar Apr May Jun Jul Aug Sep	5.25 4.25 4.25 4.00 4.00 3.75 3.75 3.75	5.25 4.25 3.75 3.75 3.50 3.50 3.50 3.50 3.50	9.00 8.00 8.00 7.75 7.75 7.50 7.50	8.75 7.75 7.25 7.25 7.00 7.00 7.00 7.00	9.37 8.11 7.53 7.62 7.39 7.09 6.90	9.83 9.16 8.70 8.43 8.47 8.38 8.02	7.67 5.88 4.99 4.58 4.35 4.21	5.60 4.24 4.17 4.02 3.88	5.30 4.62 4.22 3.95 3.81	6.14 5.25 4.77 4.51 4.37 4.22	11.40 11.62 10.10 9.71 9.81 9.58	10 11 10 9 10
A A Mi Ji	Apr May Jun Jul Aug Sep	4.25 4.25 4.00 4.00 3.75 3.75 3.75	4.25 3.75 3.75 3.50 3.50 3.50 3.50	8.00 8.00 7.75 7.75 7.50 7.50	7.75 7.25 7.25 7.00 7.00 7.00 7.00	8.11 7.53 7.62 7.39 7.09 6.90	9.16 8.70 8.43 8.47 8.38 8.02	5.88 4.99 4.58 4.35 4.21	4.24 4.17 4.02 3.88	4.62 4.22 3.95 3.81	5.25 4.77 4.51 4.37 4.22	11.62 10.10 9.71 9.81 9.58	11 10 9 10
Mi Ji Ji Ai	May Jun Jul Aug Sep	4.25 4.00 4.00 3.75 3.75 3.75 3.75	3.75 3.75 3.50 3.50 3.50 3.50 3.50	8.00 7.75 7.75 7.50 7.50 7.50	7.25 7.25 7.00 7.00 7.00 7.00	7.53 7.62 7.39 7.09 6.90	8.70 8.43 8.47 8.38 8.02	4.99 4.58 4.35 4.21	4.17 4.02 3.88	4.22 3.95 3.81	4.77 4.51 4.37 4.22	10.10 9.71 9.81 9.58	10 9 10 10
Ju J	Jun Jul Aug Sep	4.00 4.00 3.75 3.75 3.75 3.75	3.75 3.50 3.50 3.50 3.50 3.50	7.75 7.75 7.50 7.50 7.50	7.25 7.00 7.00 7.00 7.00	7.62 7.39 7.09 6.90	8.43 8.47 8.38 8.02	4.58 4.35 4.21	4.02 3.88	3.95 3.81	4.51 4.37 4.22	9.71 9.81 9.58	9 10 10
DI AII AII AII AII AII AII AII AII AII AI	Jul Aug Sep	4.00 3.75 3.75 3.75 3.75	3.50 3.50 3.50 3.50 3.50	7.75 7.50 7.50 7.50	7.00 7.00 7.00 7.00	7.39 7.09 6.90	8.47 8.38 8.02	4.35 4.21	3.88	3.81	4.37 4.22	9.81 9.58	10 10
AI SE	Aug Sep	3.75 3.75 3.75 3.75	3.50 3.50 3.50 3.50	7.50 7.50 7.50	7.00 7.00 7.00	7.09 6.90	8.38 8.02	4.21			4.22	9.58	10
SG ON NO DO NO NO NO NO NO DO NO	Sep	3.75 3.75 3.75	3.50 3.50 3.50	7.50 7.50	7.00 7.00	6.90	8.02		3.45	3.70			
O No		3.75 3.75	3.50 3.50	7.50	7.00			4.01				9.55	10
No Did	<u> </u>	3.75	3.50			7.07			3.43	3.44	4.08		
DO D	Oct				7.00		7.86	3.86	3.48	3.37	3.94	9.60	10
DO D	Nov				7.00	6.97	7.92	3.75	3.71	3.28	3.89	9.21	9
D21 Ji FE M A Mi Ji AI SE O N N D D D E M A A A A A A A A A A A A A A A A A A	Dec		3.50	7.50	7.00	6.92	8.03	4.04	3.83	3.29	3.92	8.94	9
FEMMAA Mi AI AI AI AI O D D D FE M A	Jan	3.75	3.50	7.50	7.00	6.66	8.07	4.29	3.76	3.24	3.80	9.65	9
M A Mi Ji Ai Si O D D D C C A A A A A A A A A A A A A	Feb	3.75	3.50	7.50	7.00	6.73	8.00	4.35	3.79	3.11	3.75	9.50	9
A Min Jun Jun Jun Jun Jun Jun Jun Jun Jun Ju	Mar	3.75	3.50	7.50	7.00	6.65	8.07	4.36	3.81	2.92	3.74	10.12	1
Mi Ji Ai Se O Ni Di Di Te M	Apr	3.75	3.50	7.50	7.00	6.64	8.06	4.26	3.56	2.94	3.77	10.08	10
Ju J													
AI A	May	3.75	3.50	7.50	7.00	6.93	8.02	4.34	3.71	2.91	3.79	9.91	9
AI SE	Jun	3.75	3.50	7.50	7.00	6.65	7.97	4.54	3.82	2.89	3.80	10.00	9
Se   O   No   Do   Do   Do   Te   M   A	Jul	3.75	3.50	7.50	7.00	7.08	8.00	4.78	3.95	2.86	3.79	10.22	9
O No De D22 Ja Fe M	Aug	3.75	3.50	7.50	7.00	7.05	7.97	4.76	3.90	2.88	3.78	10.22	9
No De De De De De De De De De De De De De	Sep	3.75	3.50	7.50	7.00	7.12	7.90	4.73	3.79	2.91	3.80	10.36	9
De D	Oct	3.75	3.50	7.50	7.00	6.95	7.94	4.69	3.74	2.88	3.81	10.89	10
D22 Ja Fe M A	Nov	3.75	3.75	7.50	7.25	7.12	7.91	4.83	3.89	2.87	3.97	11.37	10
Fe M A	Dec	3.75	3.75	7.50	7.25	7.06	8.09	4.88	3.85	2.86	3.98	11.34	g
M A	Jan	3.75	4.00	7.50	7.50	7.37	8.40	5.04	4.03	2.98	4.11	11.41	9
А	Feb	4.00	4.00	7.75	7.50	7.50	8.29	5.16	4.15	3.09	4.22	11.60	g
А	Mar	4.00	4.25	7.75	7.75	7.97	8.75	5.24	4.31	3.20	4.41	12.14	1
	Apr	4.25	4.25	8.00	7.75	8.03	8.71	5.40	4.29	3.25	4.44	12.07	10
1	May	4.25	4.75	8.00	8.25	7.82	9.05	5.64	4.75	3.39	4.74	11.78	10
[ E	Jun	4.75	4.75	8.50	8.25	8.36	8.90	6.06	5.11	3.56	4.91	11.63	10
	Jul	4.75	5.50	8.50	9.00	8.55	9.25	6.54	5.81	3.70	5.33	12.10	11
	Aug	5.50	5.50	9.25	9.00	8.61	9.44	6.85	5.68	3.78	5.19	11.36	10
	-												
	Sep	5.50	6.25	9.25	9.75	9.08	9.96	7.25	6.13	4.04	5.60	11.72	11
	Oct	6.25	6.25	10.00	9.75	9.58	10.33	7.73	6.12	4.22	5.71	11.63	11
	Nov	6.75	7.00	10.50	10.50	9.73	10.55	8.06	6.64	4.46	5.99	11.46	11
	Dec	6.75	7.00	10.50	10.50	10.74	11.00	8.30	6.50	4.98	6.15	11.47	11
		6.75	7.25	10.50	10.75	10.42	11.11	8.40	6.46	4.98	5.81	11.20	10
Fo	Jan	7.00	7.25	10.75	10.75	10.47	11.16	8.29	6.67	5.11	5.96	11.12	11
М		7.00	7.75	10.75	11.25	10.65	11.45	8.11	7.34	5.20	6.42	11.05	1
А	Jan	l	7.75	11.00	11.25	10.49	11.53	8.28	7.95	5.27	6.43	11.13	11
	<b>Jan</b> Feb	7.25	8.25	11.00	11.75	11.18	11.92	8.43	8.15	5.37	6.74	11.42	11
	<b>Jan</b> Feb Mar	7.25 7.25		11.50	11.75	10.97	12.07	8.66	8.63	5.58	6.80	10.82	1
	Jan Feb Mar Apr May	7.25	8.75	11.50	11.75	11.18	12.01	8.70	8.57	5.64	6.81	10.63	11
	Feb Mar Apr May Jun	7.25 7.75	8.25 8.25		11.75	11.10	12.01	8.65	8.40	5.50	6.86	10.03	
Se	Jan Feb Mar Apr May	7.25	8.25 8.25 8.25	11.50	11.75				0.40	J.50	6.90	10.43	11 12

Table III.1 (a) Treasury Bill auctions - N\$ million

i abio i	Period	Offer	Tendered	Surplus(+)	Effective		Period	Offer	Tendered	Surplus(+)	Effective
				Deficit (-)	Yield %				=	Deficit (-)	Yield %
91 days	2022						Oct Oct	500.0 550.0	746.9 641.3	246.9 91.3	8.89 9.04
	Sep	650.0	818.0	168.0	7.20		Nov	550.0	728.4	178.4	9.04
	Sep	500.0	713.5	213.5	7.30		Nov	600.0	943.2	343.2	9.08
	Oct	550.0	752.3	202.3	7.58		Nov	550.0	1,001.2	451.2	9.08
	Oct	500.0	576.2	76.2	7.88		Dec	600.0	876.3	276.3	9.11
	Nov Nov	400.0 550.0	601.3 693.2	201.3 143.2	8.01 8.11		Dec	550.0	1,161.9	611.9	9.10
	Dec	600.0	659.2	59.2	8.21		Dec	600.0	1,632.0	1,032.0	9.10
	Dec	550.0	413.0	(137.1)	8.38		2023				
	2023						Jan	550.0	1,417.3	867.3	9.02
	Jan	550.0	1,113.6	563.6	8.40		Jan	500.0	1,789.6	1,289.6	8.90
	Jan	500.0	785.9	285.9	8.40		Feb Feb	500.0 550.0	1,080.0 1,571.5	580.0 1,021.5	8.81 8.72
	Feb	500.0	782.5	282.5	8.34		Feb	450.0	1,028.2	578.2	8.63
	Feb	550.0	1,165.8	615.8	8.24		Mar	500.0	1,052.4	552.4	8.54
	Mar Mar	600.0 450.0	948.8 813.1	348.8 363.1	8.16 8.06		Mar	300.0	881.7	581.7	8.43
	Apr	250.0	462.2	212.2	8.27		Apr	250.0	192.7	(57.3)	8.77
	Apr	300.0	558.4	258.4	8.28		Apr	300.0	601.2	301.2	8.80
	Apr	250.0	337.0	87.0	8.30		Apr	300.0	851.3	551.3	8.68
	May	300.0	276.5	(23.5)	8.33		Apr	280.0 300.0	428.5 506.3	148.5 206.3	8.79 8.92
	May	250.0	293.4	43.4	8.42		May May	350.0	562.2	212.2	9.02
	May	300.0	446.8	146.8	8.45		May	300.0	534.8	234.8	9.05
	May	250.0	512.0	262.0	8.50		May	300.0	455.7	155.7	9.20
	Jun Jun	300.0 200.0	218.1 355.1	(81.9) 155.1	8.67 8.70		June	220.0	357.6	137.6	9.40
	Jun	300.0	382.9	82.9	8.65		June	300.0	463.0	163.0	9.47
	Jun	250.0	321.0	71.0	8.65		June	350.0	918.2	568.2	9.54
	Jun	250.0	393.4	143.4	8.65		June	220.0	837.5	617.5	9.47
	Jul	300.0	496.4	196.4	8.77		June	350.0 200.0	340.5 507.5	(9.5) 307.5	9.42
	Jul	300.0	540.3	240.3	8.73		Jul Jul	200.0 350.0	507.5 524.0	307.5 174.0	9.44 9.41
	Jul	300.0	344.2	44.2	8.67		Jul	300.0	648.9	348.9	9.34
	Jul	300.0	458.9	158.9	8.65		Jul	300.0	874.6	574.6	9.26
	Aug Aug	350.0 250.0	218.6 425.2	(131.4) 175.2	8.65 8.65		Aug	350.0	743.7	393.7	9.18
	Aug	350.0	376.7	26.7	8.66		Aug	450.0	692.3	242.3	9.10
	Aug	300.0	536.7	236.7	8.62		Aug	250.0	737.4	487.4	9.00
	Sep	300.0	459.5	159.5	8.60		Aug	400.0	942.9	542.9	8.93
	Sep	250.0	511.4	261.4	8.58		Sep	300.0 300.0	1009.3 930.9	709.3 630.9	8.86 8.75
	Sep	400.0	214.9	(185.2)	8.56		Sep Sep	400.0	1145.9	745.9	8.67
182 days	Sep 2022	300.0	460.0	160.0	8.58		Sep	400.0	778.4	378.4	8.60
102 days	Sep	650.0	417.6	(232.4)	7.68		Sep	300.0	268.6	(31.4)	8.59
	Sep	500.0	568.0	68.0	7.98	365 days	2022			500.0	2.12
	Oct	550.0	751.5	201.5	8.19		Sep	550.0	1080.3	530.3	8.16
	Oct	500.0	672.7	172.7	8.30		Sep Sep	550.0 600.0	940.7 739.0	390.7 139.0	8.46 8.67
	Nov	460.0	455.8	(4.2)	8.46		Oct	400.0	656.9	256.9	8.84
	Nov Dec	500.0 500.0	794.5 512.8	294.5 12.8	8.60 8.75		Oct	550.0	847.1	297.1	8.91
	2023	300.0	312.0	12.0	6.73		Nov	600.0	729.9	129.9	8.98
	Jan	530.0	835.5	305.5	8.75		Nov	550.0	1066.9	516.9	8.95
	Jan	500.0	860.3	360.3	8.70		Nov	550.0	8.008	250.8	8.96
	Jan	500.0	794.4	294.4	8.64		Dec Dec	550.0 600.0	689.6 917.5	139.6 317.5	9.03 9.07
	Feb	550.0	1,116.7	566.7	8.57		2023	000.0	317.5	317.3	3.07
	Feb	450.0	825.7	375.7	8.46		Jan	550.0	1,682.8	1,132.8	9.03
	Mar Mar	450.0 500.0	1,239.2 845.0	789.2 345.0	8.37 8.31		Jan	500.0	1,696.8	1,196.8	9.03
	Apr	250.0	105.9	(144.1)	8.31		Feb	500.0	1,654.7	1,154.7	8.80
	Apr	250.0	371.8	121.8	8.62		Feb	600.0	1,974.7	1,374.7	8.68
	Apr	300.0	379.5	79.5	8.74		Mar	600.0	1,519.5	919.5	8.60
	Apr	250.0	511.6	261.6	8.73		Mar Mar	450.0 500.0	901.0 832.1	451.0 332.1	8.53 8.47
	May	250.0	477.8	227.8	8.83		Apr	250.0	193.3	(56.7)	8.77
	May	250.0 350.0	287.9 538.9	37.9 188.9	8.95 8.98		Apr	250.0	473.5	223.5	8.81
	May May	350.0	457.9	107.9	9.16		Apr	300.0	1127.3	827.3	8.70
	Jun	220.0	393.2	173.2	9.34		Apr	250.0	568.7	318.7	8.74
	Jun	300.0	709.5	409.5	9.37		May	300.0	431.5	131.5	8.86
	Jun	300.0	743.5	443.5	9.37		May	350.0 300.0	529.8 652.9	179.8 352.9	8.97 9.04
	Jun	250.0	736.0	486.0	9.33		May May	250.0	426.8	176.8	9.14
	Jun	250.0	479.8	229.8	9.33		June	250.0	419.7	169.7	9.32
	Jul Jul	200.0 300.0	595.1 631.3	395.1 331.3	9.30 9.25		June	200.0	465.8	265.8	9.38
	Jul	300.0	600.3	300.3	9.18		June	300.0	1221.0	921.0	9.43
	Jul	300.0	555.4	255.4	9.12		June	300.0	813.8	513.8	9.42
	Aug	250.0	446.8	196.8	9.05		June	350.0	653.9	303.9	9.40
	Aug	400.0	683.6	283.6	8.97		Jul Jul	230.0 300.0	441.7 715.4	211.7 415.4	9.40 9.36
	Aug	260.0	397.6	137.6	8.94		Jul	300.0	1064.1	764.1	9.30
	Aug	450.0	688.9	238.9	8.84		Jul	400.0	1124.0	724.0	9.22
	Sep Sep	300.0 350.0	382.4 653.1	82.4 303.1	8.80 8.74		Aug	250.0	1064.9	814.9	9.16
	Sep Sep	200.0	500.2	303.1	8.74 8.67		Aug	250.0	1313.3	1,063.3	8.92
	Sep	350.0	555.6	205.6	8.63		Aug	300.0	941.4	641.4	8.90
	Sep	300.0	414.7	114.7	8.57		Aug	300.0	725.3	425.3	8.82
273 days	2022						Sep	300.0	873.4	573.4 697.1	8.72
	Sep	550.0	732.5	182.5	8.26		Sep Sep	300.0 300.0	987.1 896.4	687.1 596.4	8.63 8.57
	Sep Sep	600.0 430.0	849.0 357.3	249.0 (72.7)	8.26 8.69		Sep	350.0	568.9	218.9	8.55
	ı sepi	430.0	337.3	(/2./)	6.09		Sep	300.0	408.2	108.2	8.56

Table III.1 (b) Allotment of Government of Namibia Treasury Bills - N\$ '000

	1		ot Gover		I.		T. Control of the Con	000	l
Date issued	Date due	Deposit Money Banks	Banking Institutions	Banking Sector	Financial Institutions	Other Public Enterprises	Private Sector	TOTAL	Amount Outstanding
2022 Sep Sep	12/22 12/22	270,080 375,320	50,000 72,000	320,080 447,320	207,210 202,530	0	2,740 150	530,030 650,000	34,187,900 34,360,810
Sep* Sep*	03/22 03/22	345,000 195,150	30,000 0	375,000 195,150	74,740 215,900	50,000 0	260 520	500,000 411,570	34,210,810 34,122,380
Sep*** Sep***	06/23 06/23	249,350 198,010	70,000 10,000	319,350 208,010	280,640 341,990	0	10	600,000 550,000	34,122,380 34,122,380
Sep*** Sep** Sep**	06/23 09/23 09/23	190,000 369,730 430,330	13,570 30,000	190,000 383,300 460,330	167,280 82,770 39,620	83,930 50,000	10 0 50	357,290 550,000 550,000	34,479,670 34,479,670 34,479,670
Sep** Oct	09/23 01/23	545,000 176,800	0 40,000	545,000 216,800	55,000 324,400	0	0 8,800	600,000 550,000	34,479,670 34,479,370
Oct Oct*	01/23 04/22	405,900 534,440	0	405,900 534,440	94,050 15,560	0	50 0	500,000 550,000	34,479,370 34,529,370
Oct** Oct***	04/22 07/23 07/23	219,950 395,180 175,020	10,000	219,950 405,180 175,020	280,030 94,800 232,430	0 0 0	20 20 10	500,000 500,000 407,460	34,479,370 34,479,370 34,886,830
Oct***	07/23 10/23	269,850	0	0 269,850	130,100	0	50	0 400,000	34,886,830 34,736,830
Oct**	10/23 10/23	341,000		341,000 0	208,940	0	60	550,000 0	35,286,830 35,286,830
Nov Nov Nov*	02/23 02/23 05/22	300,000 397,100 421,500	20,000 50.000	300,000 417,100 471,500	95,440 122,350 27,500	0 0	4,560 10,550 1,000	400,000 550,000 500.000	35,286,830 35,195,280 35,342,580
Nov* Nov***	05/22 08/23	275,800 276,320	60,000 50,000	335,800 326,320	119,990 223,680	0	0 0	455,790 550,000	35,368,220 35,368,220
Nov*** Nov***	08/23 08/23	264,190 300,730	0	264,190 300,730	285,800 299,250	0	10 20	550,000 600,000	35,318,220 35,318,220
Nov** Nov** Nov**	11/23 11/23 11/23	379,220 522,930 379,220	0 0 0	379,220 522,930 379,220	127,170 77,030 127,170	43,610 0 43,610	0 40	550,000 600,000 550,000	35,268,220 35,318,220 35,318,220
Dec Dec	02/23	518.330	0 40.030	518.330	81.670	0 0	0	600,000 410,850	35.388.190
Dec* Dec***	02/23 05/22 08/23	225,000 320,700 438,000	60,000	265,030 380,700 438,000	145,820 119,300 162,000	0	0	500,000 600,000	35,149,040 35,249,040 35,249,040
Dec*** Dec***	08/23 08/23 12/23	344,460 246,320 442,880	50,000	344,460 296,320 442,880	205,540 303,680 107,120	0 0 0	0	550,000 600,000 550,000	35,199,040 35,199,040 35,199,040
Dec** 2023	12/23	315,150	50,000	365,150	234,850	0	0	600,000	35,109,040
Jan Jan	04/23 04/23	210,970 326,200	40,000	250,970 326,200	289,060 173,650	0	9,970 150	550,000 500,000	35,109,040 35,109,040 35,085,170
Jan* Jan* Jan*	07/22 07/22 07/23	199,780 342,130 288,860	0 0 50,000	199,780 342,130 338,860	300,220 187,870 159,270	0 0 0	0 0 1,870	500,000 530,000 500,000	35,085,170 35,065,170 35,065,170
Jan*** Jan***	10/23 10/23	295,000 250,000	30,000 50,000	325,000 300,000	225,000 204,840	0	0 3,200	550,000 508,040	35,115,170 35,073,210
Jan** Jan**	01/23 01/23	166,000 257,030	100,000	166,000 357,030	383,850 142,970	0	150 0	550,000 500,000	35,023,210 35,023,210
Feb Feb*	05/23 05/23 08/22	400,880 284,750 522,200	0 0	400,880 284,750 522,200	94,320 255,140 0	0 0 27.800	4,800 10,110 0	500,000 550,000 550,000	35,123,210 35,123,210 35,072,790
Feb* Feb***	08/22 11/23	450,000 244,900	0	450,000 244.900	0 253.900	0	0 1,200	450,000 500,000	35,072,790 35.106.760
Feb*** Feb***	11/23 11/23	460,450 377,000	8,640 70,000	469,090 447,000	80,910 3,000	0	0	550,000 450,000	35,208,640 35,222,920
Feb** Feb** Mar	02/24 02/24 06/23	425,340 327,810 333,520	130,000 0	425,340 457,810 333,520	74,580 142,140 266,480	0 0 0	80 50 0	500,000 600,000 600,000	35,222,920 35,222,920 35,222,920
Mar Mar*	06/23 06/23	416,850 380,000	30 0	416,880 380,000	32,570 81,560	0	550 530	450,000 462,090	35,262,070 35,224,160
Mar* Mar***	09/22 12/23	408,830 422,120	25,000 0	433,830 422,120	66,160 77,880	0	10	500,000 500,000	35,312,590 35,252,590
Mar*** Mar** Mar**	12/23 03/24 03/24	296,800 393,880 374,300	0 50,000 100,000	296,800 443,880 474,300	3,200 54,920 125,680	0 0 0	0 1,200 20	300,000 500,000 600,000	35,334,920 35,204,920 35,204,920
Mar** Apr	03/24 07/23	301,630 189,590	0	301,630 191.330	148,370 58,670	0	0 0	450,000 250.000	35,854,920 35,854,920 35,354,920
Apr Apr	07/23 07/23	217,800 97,560	0	217,800 97,560	82,200 151,420	0	0 1,020	300,000 250,000	35,154,920 35,404,920
Apr Apr*	07/23 10/23	103,500 176,600	40,000 0	143,500 176,600	47,340 73,400	0	9,160	200,000 250,000	35,604,920 35,304,920
Apr* Apr* Apr*	10/23 10/23 10/23	252,070 213,200 50,000	0	252,070 213,200 50,000	47,930 36,510 55,900	0	290	300,000 250,000 105,900	35,104,920 35,354,920 35,460,820
Apr***	01/24 01/24	235,560 50,000	0 66,670	235,560 116,670	64,440 183,330	0	0	300,000 300,000	35,760,820 35,640,860
Apr*** Apr***	01/24 01/24	211,510 130,190	0	211,510 130,190	68,490 62,490	0	10	280,000 192,690	35,370,860 35,563,550
Apr** Apr** Apr**	04/24 04/24 04/24	128,750 39,210 173,830	0 100,000 0	128,750 139,210 173,830	121,250 160,700 76,150	0 0 0	0 90 20	250,000 300,000 250,000	35,813,550 35,563,550 35,813,550
Apr** May	04/24 08/23	100,000 130,000	0 5,000	100,000 135,000	43,320 141,000	0	0 460	143,320 276,460	35,956,870 35,733,330
May May	08/23 08/23	130,000 230,000	2,500 0	132,500 230,000	108,800 59,090	0	8,700 10,910	250,000 300,000	35,983,330 35,733,330
May May* May*	08/23 11/23 11/23	249,580 197,240 100,000	0 0 2,000	249,580 197,240 102,000	410 52,760 147,990	0	10	250,000 250,000 250,000	35,983,330 35,733,330
May* May*	11/23 11/23	325,310 335,300	0 0	325,310 335,300	24,690 22,520	0	0 50	350,000 357,870	35,527,540 35,877,540 36,235,410
May*** May***	02/24 02/24	183,680 328,220	0 1,000	183,680 329,220	116,320 20,780	0	0	300,000 350,000	36,535,410 36,272,400
May*** May*** May**	02/24 02/24 05/24	125,370 284,320 153.480	0 0	125,370 284,320 153.480	174,630 15,680 146,060	0 0	0 0 460	300,000 300,000 300,000	36,031,220 36,331,220 36,631,220
May** May**	05/24 05/24 05/24	275,260 127,190	500 0	275,760 127,190	73,890 172,810	0	350 0	350,000 350,000 300,000	36,431,220 36,040,970
May** Jun	05/24 09/23	158,210 105,000	0 5,000	158,210 110,000	91,410 108,090	0	380	250,000 218,090	35,740,970 35,359,060
Jun Jun Jun	09/23 09/23 09/23	0 0 90,930	0 0	0 0 90,930	200,000 300,000 158,520	0 0	0 0 550	200,000 300,000 250,000	35,109,060 35,409,060 35,659,060
Jun Jun*	09/23 12/23	120,270 204.790	55,000 0	175,270 204,790	74,730 14,930	0	0 280	250.000	35.909.060
Jun* Jun*	12/23 12/23	199,230 0	0	199,230 0	100,750 300,000	0 0 0	20	220,000 300,000 300,000	35,629,060 35,929,060 36,229,060
Jun* Jun* Jun***	12/23 12/23 03/24	100,000 92,220 230,000	0 0 0	100,000 92,220 230,000	150,000 157,690 27,620	0 0 0	0 90 0	250,000 250,000 257,620	36,479,060 36,729,060 36,386,680
Jun*** Jun***	03/24 03/24 03/24	259,610 259,610 304.690	0	259,610 304.690	40,390 45.310	0		300,000 350.000	36,136,680 36,129,390
Jun*** Jun***	03/24 03/24	108,600 329,380	0	108,600 329,380	111,400 20,610	0	0 10	220,000 350,000	36,349,390 36,699,390
Jun** Jun** Jun**	05/24 06/24 06/24	160,500 154,630 202,300	0 0	160,500 154,630 202,300	84,140 45,370 97,700	0 0 0	20 0 0	244,660 200,000 300,000	36,944,050 36,594,050 36,344,050
Jun**	06/24 06/24 06/24	52,300 52,300 291,580	50,000 500	102,300 292,080	197,700 57,920	0		300,000 300,000 350,000	36,107,020 36,457,020
Jul Jul	10/23 10/23	146,680 150,000	20,000 0	166,680 150,000	123,990 150,000	0	9,330 0	300,000 300,000	36,557,020 36,607,020
Jul Jul Jul*	10/23 10/23 01/24	167,500 221,740 45,000	0 0 20.000	167,500 221,740 65.000	107,500 78,210 135,000	25,000 0 0	50 0	300,000 300,000 200,000	36,607,020 36,657,020 36,857,020
Jul* Jul*	01/24 01/24	114,230 299,990	30,000 0	144,230 299,990	155,770 0	0 10	0	300,000 300,000	36,657,020 36,427,020
Jul***	01/24 04/24	135,830 83,980	0	135,830 83,980	162,230 116,010	0	1,940 10	300,000 200,000	36,227,020 36,427,020
ൃവം** ൃവ*** ൃവ***	04/24 04/24 04/24	206,120 271,610 279,750	0 0 0	206,120 271,610 279,750	143,870 28,390 20,240	0 0 0	10 0 10	350,000 300,000 300,000	36,277,020 36,577,020 36,469,560
Jul** Jul**	07/24 07/24	105,300 188,320	0	105,300 188,320	124,700 90,180	0 21,500	0	230,000 300,000	36.699.560
Jul** Jul**	07/24 07/24	236,740 303,390	0	236,740 303,390	63,240 96,610	0	20 0	300,000 400,000	36,616,740 36,916,740 36,816,740
Aug Aug Aug	11/23 11/23 11/23	68,520 87,700 142,500	0 0	68,520 87,700 142,500	150,040 153,180 198,110	0 0 0	0 9,120 9,390	218,560 250,000 350,000	36,758,840 36,758,840 36,808,840
Aug Aug*	11/23 02/24	50,000 121.000	0	50,000 121.000	250,000 165.000	0	0	300,000 286.000	36,858,840 37.144.840
Aug* Aug*	02/24 02/24	187,220 137,390	50,000 0	237,220 137,390	162,630 122,610	0	150 0	400,000 260,000	36,994,840 37,254,840
Aug***	02/24 05/24 05/24	110,000 124,500	0 0	110,000 124,500	340,000 225,500 170,120	0	0 0	450,000 350,000 450,000	37,254,840 37,054,840
Aug*** Aug*** Aug***	05/24 05/24	279,880 228,020 95,000	0 50,000	279,880 228,020 145,000	21,950 255,000	0 0 0	30 0	250,000 400,000	36,954,840 37,204,840 37,004,840
Aug** Aug**	08/24 08/24	150,400 1,600	250 0	150,650 1,600	156,820 28,400	0 220,000	0	307,470 250,000	37,312,310 37,562,310
Aug** Aug**	08/24 08/24	189,200 116,000 196,750	0 0	189,200 116,000 196,750	109,800 184,000 103.150	0	1,000	300,000 300,000 300,000	37,312,310 37,062,310 37,144,220
Sep Sep Sep	11/23 11/23 11/23	196,750 116,120 3,000	30,000 0	196,750 146,120 3,000	103,150 203,880 210,450	0 0 0	100 0 1,400	300,000 350,000 214,850	37,144,220 37,294,220 37,209,070
Sep*	11/23 02/24	55,080 100,000	0	55,080 100,000	244,300 250,000	0	620 0	300,000 350,000	37,259,070 37,359,070
Sep* Sep*	02/24 02/24	197,580 239,140	0	197,580 239,140	102,420 110,860	0	0	300,000 350,000	37,196,980 37,546,980 37,984,980
Sep* Sep***	02/24 02/24 05/24	182,900 222,000 103,350	0 0 50,000	182,900 222,000 153,350	255,100 78,000 145,940	0 0 0	0 0 710	438,000 300,000 300,000	37,984,980 37,784,980 37,484,980
Sep*** Sep***	05/24 05/24	254,270 393,500	0	254,270 393,500	45,270 6,500	0	460 0	300,000 400,000	37,234,980 37,634,980
Sep*** Sep*** Sep**	05/24 05/24 08/24	247,990 152,000 236,200	0	247,990 152,000 236,200	152,000 108,560	0 0 0	10 0	400,000 260,560	38,034,980 37,695,540 37,995,540
Sep** Sep**	08/24 08/24 08/24	44,410 203,660	0 0 50,000	44,410 253,660	63,680 255,590 46,340	0	120 0 0	300,000 300,000 300,000	38,295,540 38,045,540
Sep** Sep**	08/24 08/24	217,930 252,000	30,000	217,930 282,000	132,040 104,100	0	30 60	350,000 386,160	37,845,540 37,631,700

<sup>\* 182</sup> days \*\* 365 days \*\*\* 274 days

d (coupon rate)	2022		Amount Tendered	Surplus (+) Deficit (-)	Weighted YTM %		Aug Aug	10.0 10.0	Amount Tendered 45.6	Surplus (+) Deficit (-) 35.6 27.8	Weigh YTM
50%)	Sep Sep Oct Oct	15.0 15.0 200.0 15.0	39.0 26.2 314.5 64.3	24.0 11.2 114.5 49.3	9.06 9.40 9.51 9.56	GI36 (4.8%)	Sep Sep 2022 Sep	10.0 10.0 30.0	37.8 53.7 31.9 32.3	27.8 43.7 1.9	
	Nov Nov Dec Dec	15.0 15.0 15.0 15.0	30.6 52.7 49.2 68.6	15.6 37.7 34.2 53.6	9.69 9.24 9.15 9.35		Sep Oct Oct Nov	10.0 250.0 10.0 10.0	26.0 108.3 26.0 15.3 26.1	16.0 -141.7 16.0 5.3 16.1	
	Jan Feb	80.0 15.0 15.0	120.6 41.1 67.4	40.6 26.1 52.4	8.71 8.62 8.75		Nov Dec Dec 2023	10.0 10.0 10.0 110	10.4 15.1	0.4 5.1	
	Mar Apr May May	15.0 10.0 10.0 10.0	15.5 34.8 36.6 68.8	0.5 24.8 26.6 58.8 49.5	8.85 9.09 9.23 10.03 9.68		Jan Feb Feb Mar	30.0 15.0 15.0 15.0 30.0	58.2 9.6 17.8 34.3	28.2 -5.5 2.8 19.3	
	Jun Jun Jul Jul Aug	10.0 10.0 20.0 10.0 10.0	59.5 31.0 44.6 31.8 78.5	49.5 21.0 24.6 21.8 68.5	9.68 9.35 9.35 9.38 9.10		Apr Apr May May Jun	10.0 10.0 10.0 10.0	30.4 7.9 34.4 34.7	0.4 -2.1 24.4 24.7	
00%)	Aug Sep Sep 2022	10.0 10.0 10.0 30.0	24.3 99.2 155.9	14.3 89.2 125.9	8.96 8.96 8.90		Jun Jul Jul Aug	10.0 20.0 10.0 10.0	24.1 22.0 41.5 57.4 50.7	14.1 12.0 21.5 47.4 40.7	
00%)	April Jul 2022	20.0 20.0 10.0	30.6 61.0 18.9	10.6 41.0 8.9	9.37 9.64 3.51	GC37 (9.50%)	Aug Sep Sep 2022	10.0 10.0 15.0	42.3 36.3 22.5	32.3 26.3 7.5	
	Sep Sep Oct Oct Nov	10.0 300.0 10.0 10.0	18.9 68.5 16.0 25.2	8.9 -231.5 6.0 15.2	3.43 3.85 3.94 3.94		Sep Sep Oct Oct	20.0 20.0 400.0 20.0	134.1 55.1 84.9 50.5	114.1 35.1 -315.1 30.5	
	Nov Dec Dec 2023	10.0 10.0 10.0	10.7 8.7 11.5	0.7 -1.3 1.5	3.93 6.25 4.21		Nov Nov Dec Dec 2023	20.0 20.0 20.0 20.0 110	15.3 60.5 31.4 25.0	-4.7 40.5 11.4 5.0	
	Jan Feb Feb Mar	30.0 10.0 10.0 10.0 30.0	23.6 10.4 14.6 20.0 7.6	-6.4 0.4 4.6 10.0 -22.4	4.59 3.77 3.37 3.69 3.59		Jan Feb Feb Mar	110.0 20.0 20.0 20.0 20.0	202.4 56.4 170.7	92.4 36.4 150.7	
	Apr Apr May May Jun	10.0 10.0 10.0 10.0	7.6 11.9 10.6 11.1 20.1	1.9 0.6 1.1 10.1	3.69 3.88 3.95 3.97		Apr Apr May Mav	50.0 15.0 10.0 15.0	44.5 22.2 100.9 98.0 123.4	24.5 -27.8 85.9 88.0 108.4	
	Jun Jul Jul Aug	10.0 20.0 10.0 10.0	10.0 10.7 8.1 7.4	0.0 -9.3 -1.9 -2.6	4.13 4.13 4.26 4.29		Jun Jun Jul Jul	15.0 15.0 50.0 15.0	127.6 86.7 130.8 107.4	112.6 71.7 80.8 92.4	
.50%)	Aug Sep Sep 2022	10.0 10.0 10.0	11.5 13.4 10.3	1.5 3.4 0.3	4.39 4.44 4.44		Aug Aug Sep Sep 2022	15.0 15.0 15.0 30.0	56.0 88.2 88.5 39.2	41.0 73.2 73.5 9.2	
	Sep Sep Oct Oct	20.0 20.0 350.0 20.0	84.2 36.2 348.5 105.9	64.2 16.2 -1.5 85.9	10.42 10.81 11.25 11.17	GC40 (9.80%)	Sep Sep Oct	20.0 20.0 15.0	31.8 32.7 15.0	11.8 12.7 0.0	
	Nov Nov Dec Dec	20.0 20.0 20.0 20.0	54.7 143.1 118.5 43.4	34.7 123.1 98.5 23.4	11.12 10.55 10.38 10.68		Nov Dec Dec 2023	20.0 20.0 20.0 110.0	24.5 7.2 12.0 277.3	4.5 -12.8 -8.0	
	Jan Feb Feb Mar	100.0 20.0 20.0 20.0 20.0	360.6 102.6 47.5 27.4	260.6 82.6 27.5 7.4	9.77 9.57 9.70 9.90		Jan Feb Feb Mar Apr	20.0 20.0 20.0 50.0	63.0 92.1 0.0 50.0	43.0 72.1 -20.0 0.0	
	Apr Apr May May	40.0 20.0 20.0 20.0	40.6 39.2 54.6 59.5	0.6 19.2 34.6 39.5	9.90 10.20 10.26 11.04		Apr May May	15.0 15.0 15.0 15.0	64.8 84.1 90.6 90.3	49.8 69.1 75.6 75.3	
	Jun Jun Jul Jul	20.0 20.0 40.0 20.0	61.0 28.0 93.8 84.9	41.0 8.0 53.8 64.9	10.62 10.42 10.34 10.09		Jun Jul Jul	15.0 55.0 15.0 15.0	83.3 135.9 81.3 55.1	68.3 80.9 66.3 40.1	
	Aug Aug Sep Sep 2022	20.0 20.0 20.0 40.0	67.2 85.9 122.5 133.6	47.2 65.9 102.5 93.6	10.06 9.94 9.87 9.87	GC43 (10.0%)	Aug Aug Sep Sep 2022	15.0 15.0 30.0	88.9 67.2 38.2	73.9 52.2 8.2	
5%)	Sep Sep Oct Oct	10.0 10.0 300.0 10.0	12.6 9.2 188.3 1.7	2.6 -0.8 -111.7 -8.3	4.73 4.72 4.82 5.20		Sep Sep Oct Oct Nov	20.0 20.0 250.0 20.0 20.0	75.6 33.7 191.0 58.2 20.4	55.6 13.7 -59.0 38.2 0.4	
	Nov Nov Dec Dec	10.0 10.0 10.0 10.0	20.0 36.7 16.0 63.4	10.0 26.7 6.0 53.4	5.19 5.13 5.18 5.20		Nov Dec Dec 2023	20.0 20.0 20.0 20.0	84.4 55.7 83.8	64.4 35.7 63.8	
	2023 Jan Jan Feb	30.0 10.0 10.0	48.8 23.8 30.0	18.8 13.8 20.0	5.19 5.25 5.25		Jan Feb Feb Mar	100.0 20.0 20.0 20.0 20.0	300.0 97.0 198.4 105.4	200.0 77.0 178.4 85.4	
	Mar Apr Apr Apr May May	10.0 30.0 10.0 10.0	35.3 16.2 36.2 40.2	25.3 -13.8 26.2 30.2	5.25 5.16 5.12 4.95		Apr Apr May May Jun	50.0 15.0 15.0 15.0	92.9 87.9 76.7 123.7	42.9 72.9 61.7 108.7	
	May Jun Jun Jul Jul	10.0 10.0 10.0 20.0	31.8 25.8 12.0 48.5	21.8 15.8 2.0 28.5	5.05 5.06 5.10 5.04		Jun Jul Jul	15.0 15.0 60.0 15.0	152.4 81.6 129.7 81.9	137.4 66.6 69.7 66.9	
	Aug Aug Sep	10.0 10.0 10.0 10.0 15.0	28.7 32.7 23.4 24.1 20.3	18.7 22.7 13.4 14.1 5.3	4.98 4.92 5.00 5.03	GC45 (9.85%)	Aug Aug Sep Sep 2022	15.0 15.0 15.0 35.0	47.7 75.2 81.1 48.6	32.7 60.2 66.1 13.6	
0.00%)	Sep 2023 Apr Jul 2022	10.0 10.0	25.3 80.3	15.3 70.3	5.09 10.41 10.39	GC45 (9.85%)	Sep Sep Oct Oct	20.0 20.0 250.0 20.0	30.0 53.0 102.2 43.7	10.0 33.0 -147.8 23.7	
,	Sep Sep Oct	15.0 15.0 300.0 15.0	84.1 44.2 123.1 62.1	69.1 29.2 -176.9 47.1	11.57 11.88 11.66 11.60		Nov Nov Dec	20.0 20.0 20.0 20.0	102.2 43.7 17.5 49.0 79.7 46.1	23.7 -2.5 29.0 59.7 26.1	
	Oct Nov Nov Dec 2023	15.0 15.0 15.0	8.3 37.6 23.9	-6.7 22.6 8.9	11.45 11.47 11.47		Dec 2023 Jan Feb Feb	100.0 20.0 20.0	166.8 88.5 109.7	66.8 68.5 89.7	
	Jan Feb Feb Mar	110.0 15.0 15.0 15.0	220.3 51.6 60.1 58.8	110.3 36.6 45.1 43.8	11.20 11.11 11.13 11.05		Mar Apr Apr May May	20.0 50.0 20.0 15.0	78.8 65.9 58.6 71.2	58.8 15.9 38.6 56.2	
	Apr Apr May May Jun	30.0 10.0 10.0 10.0 10.0	36.8 43.0 45.9 51.2 32.0	6.8 33.0 35.9 41.2 22.0	11.18 11.08 11.21 11.62 10.91		May Jun Jun Jul Jul	20.0 15.0 20.0 60.0 20.0	126.7 142.6 115.8 113.2 121.2	106.7 127.6 95.8 53.2 101.2	
	Jun Jul Jul Aug	10.0 35.0 10.0 10.0	24.9 95.0 35.1 33.5	14.9 60.0 25.1 23.5	10.72 10.70 10.55 10.48		Aug Aug Sep Sep	20.0 20.0 20.0 45.0	65.9 140.7 94.3 100.7	45.9 120.7 74.3 55.7	
.50%)	Aug Sep Sep 2022	10.0 10.0 20.0	50.8 41.6 30.7	40.8 31.6 10.7	10.38 10.42 10.53	GC48 (10.00%)	Sep Sep Oct	15.0 15.0 250.0	33.3 63.0 228.3	18.3 48.0 -21.7	
	Sep Sep Oct Oct Nov	10.0 10.0 250.0 10.0	33.1 26.9 135.1 24.4	23.1 16.9 -114.9 14.4	6.10 5.97 6.11 5.98		Oct Nov Nov Dec	15.0 15.0 15.0 15.0	41.6 35.4 26.7 61.7	26.6 20.4 11.7 46.7	
	Nov Nov Dec 2023 Jan	10.0 10.0 10.0 30.0	16.6 13.3 5.1 62.8	6.6 3.3 -4.9 32.8	6.00 5.99 6.25 6.40		2023 Jan Feb Feb Mar	90.0 15.0 15.0 15.0	238.2 39.3 83.4 42.4	148.2 24.3 68.4 27.4	
	Feb Feb	10.0 10.0 10.0 30.0	8.2 11.8 49.2 40.6	-1.8 1.8 39.2 10.6	6.41 6.45 6.30 6.19		Apr Apr Apr May May	40.0 20.0 15.0 20.0	88.2 109.3 82.9 124.3	48.2 89.3 67.9 104.3	
	Mar Apr Apr May May Jun	10.0 10.0 10.0 10.0	37.8 45.2 35.6 18.2	27.8 35.2 25.6 8.2	6.13 6.05 6.03 6.02		Jun Jun Jul Jul	15.0 20.0 50.0 20.0	181.4 129.5 107.3 153.5	166.4 109.5 57.3 133.5	
	Jun Jul Jul Aug Aug Sep Sep Sep 2022	10.0 20.0 10.0 10.0	14.4 49.4 39.6 35.0	4.4 29.4 29.6 25.0	6.08 5.81 5.74 5.65		Aug Aug Sep	20.0 20.0 20.0 45.0	105.2 180.1 105.3 122.8	85.2 160.1 85.3 77.8	
9.50%)	Aug Sep Sep 2022	10.0 10.0 15.0	31.0 39.2 23.2	21.0 29.2 8.2	5.60 5.50 5.58	GC50 (10.25%)	Sep 2022 Sep Sep Oct	15.0 15.0 250.0	34.7 65.1 386.2	19.7 50.1 136.2	
	Sep Sep Oct Oct Nov	15.0 15.0 400.0 15.0 15.0	87.5 69.4 164.9 74.3 9.5	72.5 54.4 -235.1 59.3 -5.5	12.34 12.98 12.99 12.90 12.87		Oct Nov Nov Dec	15.0 15.0 15.0 15.0 15.0	44.3 47.5 39.8 71.2 86.5	29.3 32.5 24.8 56.2 71.5	
	Nov Nov Dec Dec 2023	15.0 15.0 15.0 15.0 110	61.1 33.9 57.5	-5.5 46.1 18.9 42.5	12.87 12.71 12.44 12.69		Dec 2023 Jan Feb Feb	90.0 15.0 15.0	233.6 75.9 76.0	71.5 143.6 60.9 61.0	
	Jan Feb Feb Mar	110.0 15.0 15.0 15.0	278.3 41.4 87.3 41.3	168.3 26.4 72.3 26.3	11.98 12.68 11.98 12.18		Mar Apr Apr Apr May May	15.0 40.0 20.0 15.0	62.3 123.3 85.3 80.2	47.3 83.3 65.3 65.2	
	Apr Apr May	30.0 10.0 10.0 10.0	62.0 73.2 71.4 87.8	32.0 63.2 61.4 77.8	12.19 12.13 12.13 12.42		Jun Jun Jul	20.0 20.0 15.0 45.0	84.8 121.1 98.0 158.7	64.8 101.1 83.0 113.7	
	May Jun Jun Jul Jul	10.0 10.0 35.0 10.0	49.0 50.3 83.1 53.2	39.0 40.3 48.1 43.2	11.60 11.46 11.42		Jul Aug Aug Sep Sep	20.0 20.0 20.0 20.0 20.0	130.2 84.4 106.0 117.1 133.5	110.2 64.4 86.0 97.1 88.5	

Table III.2 (b) Allotment of Government of Namibia Internal Registered Stock - N\$ '000

Date issued	Date due	Coupon rate	Deposit Money Banks	Other Banking Institutions	Banking Sector	Non-bank Financial Institutions	Other Public Enterprises	Private Sector	TOTAL	Amount Outstanding
Sep	1023 1023 1023 1023 1023 1023 1023 1023	8.85 8.90 8.00 8.00 8.00 8.00 8.00 8.00 8.00	15,000 16,1600 20,0000 20,0000 20,0000 3,610	10,000	15,000 16,740 150,860 1,000 20,000 20,000 15,810 20,000 2,60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.800	10.00	(85,800) 10,000	65, 240, 260 6 65, 272, 260 6 65, 272, 260 6 65, 272, 260 6 65, 272, 272, 272, 272, 272, 272, 272, 27
Jan	0/120   0/120	4,890 4,590 1,950	3.5 6900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	120,000	3.5 (800) 3.5 (800) 3.5 (800) 3.5 (800) 5.000 5.000 6.0000 6.000 6.000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.0000 6.00	0.5890 10.5890		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,5400 12,5400 130,5400 100,0000 100,0	68, 248, 239, 68, 68, 68, 68, 68, 68, 68, 68, 68, 68

Table III.2 (b) Allotment of Government of Namibia Internal Registered Stock - N\$ '000 (cont...)

(CONT.	Date due	Coupon rate	Deposit Money Banks	Other Banking Institutions	Banking Sector	Non-bank Financial	Other Public Enterprises	Private Sector	TOTAL	Amount Outstanding
Anr	01/29	4.80	1800	0	1600	Institutions 9.580	0	0	11 180	70 207 700
Apr Apr Apr* Apr Apr	01/29 01/30 04/32 04/32 04/32 04/33	4.80 8.00 9.00 9.00 9.00	5,780 4,730 0 500 0	0 0 0 0	5,780 4,730 0 500	7,200 5,270 1,900 27,040 10,000	0	0 0 0 2,460 0	12,980 10,000 1,900 30,000 10,000 10,040	70,220,680 70,230,680 70,232,580 70,262,580 70,272,580 70,282,620
Apr Apr Apr Apr Apr	04/33 07/35	4.50 4.50 9.50	4,550 6,720 2,070	0 0 0	4,550 6,720 2,070	5,490 20,780 23,560	0	0 2,500 4,370	30,000	70,312,620
Apr* Apr Apr Apr Apr Apr	07/35 07/35 07/36 07/36	9.50 9.50 4.80 4.80	0 0 18,670 2,410	0 0 0 0	0 0 18,670 2,410	1,130 10,000 4,890 500 8,630	0 0 0 0	0 0 0	1,130 10,000 23,560 2,910 12,200	70,343,750 70,353,750 70,377,310 70,380,220 70,392,420
Apr Apr Apr	07/37 07/37 07/37	4.80 9.50 9.50 9.50	2,410 2,450 0 0	0	2,410 2,450 0 0	20,780 17,400	0	1,120 0 60	20,780 17,460	70,392,420 70,413,200 70,430,660 70,477,670
Apr Apr Apr Apr Apr Apr Apr Apr Apr Apr	10/40 10/40 10/40	9.85 9.85 9.85 10.00	0 0 14,900 42,510	0	0 0 14,900 42,510	46,010 2,600 100 250	0 0 0 0	1,000 0 0	47,010 2,600 15,000	70,477,670 70,480,270 70,495,270 70,538,030 70,547,970
Apr Apr Apr	07/43 07/43 07/43 07/45	10.00 10.00 9.85	6,610 14,950 0	0	6,610 14,950 0	3,330 50 49,350	0	0 0 600	42,760 9,940 15,000 49,950	70,562,970 70,612,920
Apr Apr Apr Apr	07/45 07/45 10/48 10/48	9.85 9.85 10.00 10.00	0 0 2,590 36,010	0 0 0 0	0 0 2,590 36,010	16,280 26,830 37,410 190	0 0 0 0	0 0 0	16,280 26,830 40,000 36,200 40,000	70,629,200 70,656,030 70,696,030 70,732,230
Apr Apr Apr	07/50 07/50 07/50 04/26	10.25 10.25 10.25 8.50	23,690 0 0	0 0 0	23,690 0 0	16,260 15,000 19,400 9,900	0 0 0	50 0 600 100	40,000 19,730 20,000 (36,000)	70,772,230 70,791,960 70,811,960 70,775,960
May May*	04/26 04/26 04/28	8.50 8.50 8.50	0 0 31.010	0	0 0 31.010	9,900 9,900 0	0	100 100 0	10,000 10,000 31,010	70,785,960 70,795,960 70,826,970
May* May May May*	01/27 01/27 01/28 01/28	8.00 8.00 8.50 8.50	0 0	0 0 0	0 0	9,000 2,530 31,470	0 0 0	600 1,000 350 0	600 10,000 2,880 31,470	70,827,570 70,837,570 70,840,450 70,871,920
May May May* May	01/29 01/29 04/32 04/32	4.80 4.80 9.00 9.00	2,000 0 3,320	0	2,000 0 3,320	8,000 10,000 6.580	0 0 0	0 0 100	10,000 10,000 10.000	70,881,920 70,891,920 70,901,920
May May May May*	04/33 04/33 04/33 07/35 07/35	4.50 4.50 9.50	4,810 1,680 9,950 10,000	0 0 0	4,810 1,680	10,000 5,190 8,320 0	0	0 0 0 50	10,000 10,000 10,000 10,000	70,911,920 70,921,920 70,931,920 70,941,920
May* May May May	07/35 07/36 07/36 07/37	9.50 4.80 4.80 9.50	10,000 6,910 4,730 6,070	0 0 0	9,950 10,000 6,910 4,730 6,070	3,090 5,270	0	50 0 0 0	10,000 10,000 10,000 10,000 10,000	70,941,920 70,951,920 70,961,920 70,971,920 70,981,920 70,984,390
May May May	10//37	9.50 9.85 9.85	14,900 0	0	14,900 0	0 0 14,900	0	3,930 2,470 100 100	2,470 15,000 15,000 15,000	70,984,390 70,999,390 71,014,390 71,029,390
May May May May	10/40 07/43 07/43 07/43 07/45 07/45	10.00 10.00 10.00 9.85	13,510 0 4,430 15,000	0 0 0 0	13,510 0 4,430 15,000	1,490 7,650 8,570	0 0 0 0	0 0 2,000 0 300	15,000 7,650 15,000 15,000 20,000	71,029,390 71,037,040 71,052,040 71,067,040 71,087,040
May May May	07/45 10/48 10/48 07/50 07/50	9.85 10.00 10.00	14,570 0	0 0	14,570 0	19,700 130 20,000	0	300 0	20,000 15,000 20,000 15,000	71,087,040 71,102,040 71,122,040 71,137,040
May May Jun Jun	07/50 07/50 04/23 04/26	10.25 10.25 8.50 8.50	13,500 400 0 0	0 0	13,500 400 0 0	1,400 19,300 0 17,750	0 0 0	100 300 0 2,250	(454,650)	71,137,040 71,157,040 70,702,390 70,722,390
Jun* Jun* Jun	04/26 01/27 10/27 01/28	8.50 8.00 8.00 8.50	209,430 10,450 0	0	209,430 10,450 0	11,800 0 20,000 16,880	0 0 0	0 0 0 10,200	20,000 221,230 10,450 20,000 40,000	70,943,620 70,954,070 70,974,070
Jun* Jun Jun*	01/28 01/29 04/32	8.50 4.80 9.00	246,770 16,240 150	0 0 0 0	246,770 16,240 150	3,760 0	0 0 0	0 0	246,770 20,000 150	71,260,840 71,280,840 71,280,990
Jun Jun Jun Jun*	04/32 04/33 07/35 07/35	9.00 4.50 9.50 9.50	0 6,850 10,000 1,250	0 0 0	0 6,850 10,000 1,250	20,000 13,150 10,000	0 0 0	0 0 0	20,000 20,000 20,000 1,250	71,300,990 71,320,990 71,340,990 71,342,240
Jun Jun	07/36 07/37 07/37	4.80 9.50 9.50	16,240 0 3,680	0	16,240 0 3.680	3,760 30,000 0	0 0 0	0 0 0	20,000 30,000 3,680	71,362,240 71,392,240 71,395,920
Jun Jun Jun* Jun	10/40 07/43 07/43 07/45	9.85 10.00 10.00 9.85	6,040 3,070 710 3,170	0 0 0	6,040 3,070 710 3,170	23,960 26,930 270 31,830	0 0 0	0 0 0	30,000 30,000 980 35,000	71,425,920 71,455,920 71,456,900 71,491,900
Jun* Jun* Jun	10/48 10/48 07/50	10.00 10.00 10.25 10.25	13,040 0 4,690 2,570	0 0 0	13,040 0 4,690 2,570	21,710 60 30,310 0	0 0 0	250 0 0	35,000 60 35,000	71,526,900 71,526,960 71,561,960 71,561,960
Jun* Jul Jul* Jul*	07/50 04/24 04/26 04/26 10/27	10.00 8.50	0	0 0 0	0	24.450	0	0 0 1,490	2,570 (237,270) 24,450 10,000	71,564,530 71,327,260 71,351,710 71,361,710 71,375,400 71,396,340
Jul* Jul Jul Jul	10/27 10/27 01/27 01/27	4.00 4.00 8.00 8.00	11,090 0 0	0	11,090 0 0	8,510 2,600 20,940 10,720 7,090 6,770	0	1,490 0 0 0 1,010	10,000 13,690 20,940 10,720 8,100 68,350	71,375,400 71,396,340 71,407,060 71,415,160 71,483,510
Jul* Jul Jul	01/28 01/28 01/28	8.50 8.50 8.50	61,580 2,290 0	0 0 0 0	61,580 2,290 0	20,000	0	0 0 0	40,000 20,000	
Jul Jul Jul* Jul*	01/29 01/29 01/30 04/32	4.80 4.80 8.00 9.00	0 0 9,240	0 0 0 0	0 0 9,240	24,420 10,000 660 8,270 26,190	0 0 0 0	0 0 100 0 0	24,420 10,000 10,000 8,270 35,000	71,543,510 71,567,930 71,577,930 71,587,930 71,587,930 71,596,200 71,631,200
Jul Jul Jul Jul	04/32 04/32 04/33	9.00 9.00 4.50	8,810 0 0	0 0 0	8,810 0 0	14,000 20,000	0	0	14,000 20,000	71,645,200 71,665,200
Jul Jul Jul	04/33 07/35 07/35 07/36	4.50 9.50 9.50 4.80	0 12,930 0 2,570	0	0 12,930 0 2,570	10,000 21,970 8,200 17,430	0 0 0 0	0 100 0 0	10,000 35,000 8,200 20,000	71,675,200 71,710,200 71,718,400 71,738,400
Jul Jul* Jul Jul	07/36 07/37 07/37 07/37	4.80 9.50 9.50 9.50	0 0 3,970 0	0 0 0 0	0 0 3,970 0	10,000 59,670 44,750 15,000	0 0 0	0 0 1,280 0	10,000 59,670 50,000 15,000	71,748,400 71,808,070 71,858,070 71,873,070
Jul* Jul Jul	10/40 10/40 10/40	9.85 9.85 9.85	0 1,380 0 0	0	0 1,380 0	11,850 53,540 14,750	0	0 80 250	11,850 55,000 15,000	71,884,920 71,939,920 71,954,920
Jul* Jul Jul* Jul*	07/43 07/43 07/43 07/45	10.00 10.00 10.00 9.85	0 8,410 0	0 0 0	0 8,410 0 0	5,740 51,520 14,500 27,400	0 0 0	0 70 500 0	5,740 60,000 15,000 27,400	71,960,660 72,020,660 72,035,660 72,063,060
Jul Jul Jul*	07/45 07/45 10/48	9.85 9.85	0	0	0	60,000 20,000 76,980	0	0	60,000 20,000 76,980	72,123,060 72,143,060
Jul Jul Jul Jul*	10/48 10/48 10/48 07/50 07/50	10.00 10.00 10.25 10.25	9,980 0 0	0 0	9,980 0 0	37,210 20,000 20,010 27,330	0 0 0	2,810 0 0 0	50,000 20,000 20,010 27,330	72,270,040 72,290,040 72,310,050 72,337,380
Jul Aug Aug Aug	07/50 10/23 04/26	10.25 10.00 8.50 8.50	4,860 0 6,500	0 0 0 0 0	4,860 0 6,500	40,140 800	0 0	0 2,700	45,000 (85,920) 10.000	72,382,380 72,296,460 72,308,480
Aug* Aug* Aug Aug	04/26 04/26 10/27 10/27 01/27	8.50 4.00 4.00 8.00	5,750 30,420 31,980 0	0	5,750 30,420 31,980 0 0	4,250	0	0 0 0 2,400	10,000 30,420 31,980 2,400	72,316,460 72,346,880 72,378,860 72,381,260
Aug Aug Aug Aug*	01/27 01/28 01/28 01/28	8.00 8.50 8.50 8.50	0 14,350 1,270 13,790	0 0 0	0 14,350 1,270 13,790	10,000 0 18,250 0 10,000	0	0 13,250 480 0	2,400 10,000 27,600 20,000 13,790	72,381,260 72,391,260 72,418,860 72,438,860 72,452,650
Aug Aug Aug	01/29 01/29 01/29 04/32 04/32	4.80 4.80 9.00	0 0 5,000	0 0 0 0	0 0 5,000	7,450 5,000	0	0 2,550 0	10,000 10,000 10,000	72,438,860 72,452,650 72,462,650 72,472,650 72,482,650 72,492,650
Aug Aug* Aug	04/32 04/32 04/33 04/33 07/35	9.00 9.00 4.50 4.50 9.50	0 10,870 0 1,270	0 0 0 0	0 10,870 0 1,270	9,850 1,080 10,000 8,730 5,000	0 0 0 0	150 0 0 0 0	10,000 11,950 10,000 10,000 10,000	72,492,650 72,504,600 72,514,600 72,524,600 72,534,600
Aug Aug Aug Aug	07/35 07/35 07/36 07/36	9.50 9.50 4.80 4.80	5,000 590 0 1,830	0 0 0 0	5,000 590 0 1,830	5,000 9,410 10,000 8,170	0	0 0 0 0	10,000 10,000 10,000 10,000	72,534,600 72,544,600 72,554,600 72,564,600
Aug Aug Aug	07/37 07/37 10/40	9.50 9.50 9.85	5,000 290 7,870	0 0	5,000 290 7,870	10,000 14,710 7,130	0 0 0	0 0	15,000 15,000 15,000	72,579,600 72,579,600 72,594,600 72,609,600 72,624,600
Aug Aug Aug Aug	10/40 07/43 07/43 07/45	9.85 10.00 10.00 9.85	2,300 14,340 13,610 5,000	0 0 0	2,300 14,340 13,610 5,000	12,650 0 1,390 15,000	50 660 0 0	0 0 0	15,000 15,000 15,000 20,000	72,639,600 72,654,600 72,674,600
Aug Aug Aug	07/45 10/48 10/48	9.85 10.00 10.00	5,000 5,000 19,000	0 0	5,000 5,000 19,000	15,000 15,000 0	0	0 0 1,000	20,000 20,000 20,000	72,694,600 72,714,600 72,734,600 72,734,960
Aug* Aug Aug Aug*	10/48 07/50 07/50 07/50	10.00 10.25 10.25 10.25	0 8,230 19,000 0	0 0 0	0 8,230 19,000 0	360 11,770 0 2.100	0 0 0	0 0 1,000	360 20,000 20,000 2,100	72,754,960 72,774,960 72,777,060
Aug* Sep Sep Sep	10/24 04/26 04/26	10.50 8.50 8.50 8.50	0 10,000 29,900 79,840	0	0 10,000 29,900 79,840	0 0	0	0 100 620	(1,132,020) 10,000 30,000	71,645,040 71,655,040 71,685,040
Sep* Sep* Sep Sep Sep	04/26 10/27 01/27 01/27	4.00 8.00 8.00	83,660	0 0 0	83,660 0 0	10,990 16,720 10,000 330	0 0 0	0	91,450 100,380 10,000 330	71,776,490 71,876,870 71,886,870 71,887,200
Sep*	01/28 01/28 01/28 01/29	8.50 8.50 8.50 4.80	7,500 0 13,100	0	7,500 0 13,100 0	12,500 45,300 0 10.000	0 0 0	0 0 12,170 0	20,000 45,300 25,270 10,000	71,907,200 71,952,500 71,977,770 71,987,770
Sep Sep Sep Sep Sep Sep*	01/29 01/29 01/30 04/32 04/32	4.80 8.00 9.00	10,000	0 0 0	0 0 10 000	12,810	0	0	12,810 0	71,987,770 72,000,580 72,000,580 72,010,580
Sep Sep* Sep Sep	04/32 04/32 04/33 04/33	9.00 9.00 4.50 4.50	7,310 113,540 0 3,620	0 0 0 0	7,310 113,540 0 3,620	9,990 4,920 10,000 11,380	0 0 0 0	2,700 0 0 0	20,000 118,460 10,000 15,000 10,000	72,010,580 72,030,580 72,149,040 72,159,040 72,174,040 72,184,040
Sep Sep Sep Sep Sep	07/35 07/35 07/36	9.50 9.50 4.80	5,930 12,220 5,000	1,010 0	6,940 12,220 5,000	1,000 15,780 5,000	0	2,060 2,000 0	10,000	
Sep Sep Sep* Sep* Sep	07/36 07/37 07/37 07/37	4.80 9.50 9.50 9.50	3,600 8,990 20,000	0 0 0	3,600 8,990 20,000 0	11,400 4,010 7,950 97,500 15,000	0 0 0	0 2,000 2,050	15,000 15,000 30,000 97,500 15,000	72,224,040 72,239,040 72,254,040 72,284,040 72,381,540 72,396,540
Sep*	10/40 10/40 10/40	9.85 9.85 9.85	3,600 0	0	3,600 0 13,540	100 41,830	0	0 4,350 0	15,000 8,050 41,830 33,450	72,396,540 72,404,590 72,446,420 72,479,870
Sep* Sep* Sep	07/43 07/43 07/43 07/45	10.00 10.00 10.00 9.85	13,540 2,460 10,000 7,360	0 0 0 0	2,460 10,000	17,910 45,560 3,000 12,640	0	2,000 0 2,000 0	48,020 15,000 20,000	72,527,890 72,542,890 72,562,890
Sep Sep* Sep Sep	07/45 07/45 10/48 10/48	9.85 9.85 10.00 10.00	5,000 2,600 13,460 7,130	0 0	7,360 5,000 2,600 13,460 7,130	52,400 60,430 5,940 48,940	0 0 0 0	0 0 600 0	57,400 63,030 20,000 56,070	72,620,290 72,683,320 72,703,320 72,759,390
Sep* Sep Sep	10/48 07/50 07/50	10.00 10.25	0 13,180	0 0	0 13,180	413,590 6,320 47,650	0 0	0 500 0 0	413,590 20,000 47,650	73,172,980 73,192,980 73,240,630
Sep*	07/50	10.25 10.25	0	l ő	0	376,920	l ŏ	ő	376,920	73,617,550

Table III.3 Government Foreign Debt by Type and Currency (N\$ million)

Table III.3 Govern		2021				2022			2023	3/24
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Multilateral	15,323.0	15,304.5	15,723.4	15,314.5	15,693.3	16,040.5	18,376.3	18,761.5	18,986.1	18,864.5
Euro	709.1	701.2	713.2	612.5	538.2	525.9	525.9	554.4	568.8	523.1
US Dollar	146.1	154.0	161.0	146.9	139.4	149.8	137.3	137.0	143.9	141.3
Pound	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Rand	10,348.0	10,262.9	10,605.5	10,653.6	10,836.2	10,936.4	13,350.1	13,435.4	13,442.1	13,401.6
Franc	38.5	40.1	42.0	37.9	39.5	41.9	40.7	43.2	46.1	45.9
Dinar	42.9	45.2	47.5	36.0	8.5	9.4	9.0	9.5	10.4	0.0
SDR	3,886.6	4,070.1	4,123.2	3,800.9	4,105.3	4,350.1	4,286.2	4,553.8	4,747.6	4,723.9
Yen	151.8	31.1	31.1	26.7	26.2	26.9	27.1	28.2	27.2	26.6
Billateral	2,629.0	2,685.4	2,792.3	2,471.7	2,576.6	2,602.4	2,504.5	4,033.0	4,006.9	4,129.3
Euro	687.1	709.0	685.7	617.4	609.0	632.9	607.1	653.0	638.1	628.0
RMB	1,941.9	1,976.4	2,106.6	1,854.3	1,967.7	1,969.5	1,897.4	1,936.8	1,925.6	1,853.2
ZAR	-	-	-	-	-	-	-	1,443.2	1,443.2	1,648.1
Eurobond	17,874.7	18,914.3	11,929.8	10,885.8	12,184.4	13,490.7	12,721.8	13,387.9	14,060.0	14,215.2
US Dollar	17,874.7	18,914.3	11,929.8	10,885.8	12,184.4	13,490.7	12,721.8	13,387.9	14,060.0	14,215.2
JSE listed bond	2,042.0	2,042.0	2,042.0	2,042.0	2,042.0	2,042.0	492.0	492.0	492.0	335.0
ZAR	2,042.0	2,042.0	2,042.0	2,042.0	2,042.0	2,042.0	492.0	492.0	492.0	335.0
Foreign debt stock	37,868.7	38,946.2	32,487.6	30,714.0	32,496.4	34,175.6	34,094.6	36,674.4	37,544.9	37,541.9
Euro	1,396.2	1,410.2	1,398.9	1,229.9	1,147.2	1,158.8	1,133.0	1,207.4	1,206.9	1,151.1
Euro US Dollar	1,396.2 18,020.8	1,410.2 19,068.3	1,398.9 12,090.8	1,229.9 11,032.7	1,147.2 12,323.8	1,158.8 13,640.5	1,133.0 12,859.1	1,207.4 13,524.9	1,206.9 14,203.9	1,151.1 14,356.4
	,	·		ŕ	·	,		·	,	
US Dollar	18,020.8	19,068.3	12,090.8	11,032.7	12,323.8	13,640.5	12,859.1	13,524.9	14,203.9	14,356.4
US Dollar Pound	18,020.8	19,068.3	12,090.8	11,032.7 0.0	12,323.8	13,640.5	12,859.1 0.0	13,524.9	14,203.9	14,356.4 2.0
US Dollar Pound Rand	18,020.8 0.0 12,390.0	19,068.3 0.0 12,304.9	12,090.8 0.0 12,647.5	11,032.7 0.0 12,695.6	12,323.8 0.0 12,878.2	13,640.5 0.0 12,978.4	12,859.1 0.0 13,842.1	13,524.9 0.0 15,370.6	14,203.9 0.0 15,377.3	14,356.4 2.0 15,384.8
US Dollar Pound Rand Franc	18,020.8 0.0 12,390.0 38.5	19,068.3 0.0 12,304.9 40.1	12,090.8 0.0 12,647.5 42.0	11,032.7 0.0 12,695.6 37.9	12,323.8 0.0 12,878.2 39.5	13,640.5 0.0 12,978.4 41.9	12,859.1 0.0 13,842.1 40.7	13,524.9 0.0 15,370.6 43.2	14,203.9 0.0 15,377.3 46.1	14,356.4 2.0 15,384.8 45.9
US Dollar Pound Rand Franc Dinar	18,020.8 0.0 12,390.0 38.5 42.9	19,068.3 0.0 12,304.9 40.1 45.2	12,090.8 0.0 12,647.5 42.0 47.5	11,032.7 0.0 12,695.6 37.9 36.0	12,323.8 0.0 12,878.2 39.5 8.5	13,640.5 0.0 12,978.4 41.9 9.4	12,859.1 0.0 13,842.1 40.7 9.0	13,524.9 0.0 15,370.6 43.2 9.5	14,203.9 0.0 15,377.3 46.1 10.4	14,356.4 2.0 15,384.8 45.9 0.0 4723.9
US Dollar Pound Rand Franc Dinar SDR	18,020.8 0.0 12,390.0 38.5 42.9 3886.6	19,068.3 0.0 12,304.9 40.1 45.2 4070.1	12,090.8 0.0 12,647.5 42.0 47.5 4123.2	11,032.7 0.0 12,695.6 37.9 36.0 3800.9	12,323.8 0.0 12,878.2 39.5 8.5 4105.3	13,640.5 0.0 12,978.4 41.9 9.4 4350.1	12,859.1 0.0 13,842.1 40.7 9.0 4286.2	13,524.9 0.0 15,370.6 43.2 9.5 4553.8	14,203.9 0.0 15,377.3 46.1 10.4 4747.6	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6
US Dollar Pound Rand Franc Dinar SDR Yen	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2
US Dollar Pound Rand Franc Dinar SDR Yen RMB	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2
US Dollar Pound Rand Franc Dinar SDR Yen RMB	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of pe	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 ia Dollar per	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of pe	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7 Priod) - Namib 17.0168 14.2998	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 ia Dollar per 17.5600 15.1314	12,090.8	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1 17.6551 17.9876	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168 20.3755 18.7467	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of pe	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7 25,478.7	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 ia Dollar per 17.5600 15.1314 20.3512	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0  foreign curre 17.9917 15.9065 21.7392	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4 ency 16.1996 14.5144 19.0374	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2 16.9874 16.2459 19.5976	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1 17.6551 17.9876 20.0256	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5 18.0765 16.9625 20.4427	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304 19.4443 17.8506 22.1005	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168 20.3755 18.7467 23.6657	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536 23.1655 1.0000
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of pe	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7 27iod) - Namib 17.0168 14.2998 19.7970 1.0000	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 ia Dollar per 17.5600 15.1314 20.3512 1.0000	12,090.8	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4 2000 14.5144 19.0374 1.0000	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2 16.9874 16.2459 19.5976 1.0000	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1 17.6551 17.9876 20.0256 1.0000	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5 18.0765 16.9625 20.4427 1.0000	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304 19.4443 17.8506 22.1005 1.0000	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168 20.3755 18.7467 23.6657 1.0000	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536 23.1655 1.0000
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of pe Euro US Dollar Pound Rand Franc	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7 27,0168 14.2998 19.7970 1.0000 15.5159	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 ia Dollar per 17.5600 15.1314 20.3512 1.0000 16.2075	12,090.8 0.0 12,647.5 42.0 47.5 4123.2 31.1 2106.6 19,840.0  foreign curre 17.9917 15.9065 21.7392 1.0000 17.5747	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4 2000 14.5144 19.0374 1.0000 15.6986	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2 16.9874 16.2459 19.5976 1.0000 17.0358	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1 17.6551 17.9876 20.0256 1.0000 18.4332	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5 18.0765 16.9625 20.4427 1.0000 18.3655	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304 19.4443 17.8506 22.1005 1.0000 19.5122	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168 20.3755 18.7467 23.6657 1.0000 20.8551	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536 23.1655 1.0000 20.7469
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of performance) Euro US Dollar Pound Rand Franc Dinar	18,020.8 0.0 12,390.0 38.5 42.9 3886.6 151.8 1941.9 25,478.7 25,478.7 21,0168 14.2998 19.7970 1.0000 15.5159 47.5043	19,068.3 0.0 12,304.9 40.1 45.2 4070.1 31.1 1976.4 26,641.2 iia Dollar per 17.5600 15.1314 20.3512 1.0000 16.2075 50.0450	12,090.8	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4 19.0374 1.0000 15.6986 47.8000	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2 16.9874 16.2459 19.5976 1.0000 17.0358 52.5189	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1 17.6551 17.9876 20.0256 1.0000 18.4332 58.2955	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5 18.0765 16.9625 20.4427 1.0000 18.3655 55.5558	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304 19.4443 17.8506 22.1005 1.0000 19.5122 58.4621	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168 20.3755 18.7467 23.6657 1.0000 20.8551 63.9253	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536 23.1655 1.0000 20.7469 61.2588
US Dollar Pound Rand Franc Dinar SDR Yen RMB Total debt excluding rand  Exchange Rates (End of performance) Euro US Dollar Pound Rand Franc Dinar SDR	18,020.8	19,068.3	12,090.8	11,032.7 0.0 12,695.6 37.9 36.0 3800.9 26.7 1854.3 18,018.4 2000 14.5144 19.0374 1.0000 15.6986 47.8000 20.0401	12,323.8 0.0 12,878.2 39.5 8.5 4105.3 26.2 1967.7 19,618.2 16.9874 16.2459 19.5976 1.0000 17.0358 52.5189 21.6450	13,640.5 0.0 12,978.4 41.9 9.4 4350.1 26.9 1969.5 21,197.1  17.6551 17.9876 20.0256 1.0000 18.4332 58.2955 22.9358	12,859.1 0.0 13,842.1 40.7 9.0 4286.2 27.1 1897.4 20,252.5 18.0765 16.9625 20.4427 1.0000 18.3655 55.5558 22.5989	13,524.9 0.0 15,370.6 43.2 9.5 4553.8 28.2 1936.8 21,304 19.4443 17.8506 22.1005 1.0000 19.5122 58.4621 24.0096	14,203.9 0.0 15,377.3 46.1 10.4 4747.6 27.2 1925.6 22,168  20.3755 18.7467 23.6657 1.0000 20.8551 63.9253 25.0313	14,356.4 2.0 15,384.8 45.9 0.0 4723.9 26.6 1853.2 22,157 20.0517 18.9536 23.1655 1.0000 20.7469 61.2588 24.9066

Source: MoF and BoN

Table III.4 (a) Government Domestic Loan Guarantees by Sector (N\$ million)

		202	1/22			202	2/23		2023	3/24
Sectoral allocation	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Mining & Quarrying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tourism	204.6	205.4	186.0	186.0	94.3	94.3	94.3	43.3	45.6	47.6
Agriculture	692.8	699.2	705.9	679.2	688.7	789.9	789.9	872.4	889.9	898.4
Finance	401.1	151.1	151.1	151.1	280.3	280.3	280.3	280.0	280.0	284.5
Transport	0.0	0.0	0.0	0.0	143.9	122.6	122.6	122.6	123.5	102.1
Communication	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fisheries	62.4	61.6	61.1	61.1	64.9	64.9	64.9	67.3	67.5	0.0
Education	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Energy	671.0	671.0	671.0	671.0	671.0	671.0	671.0	446.6	446.6	422.4
Total domestic loan guarantees	2,031.9	1,788.4	1,775.1	1,748.3	1,943.1	2,023.0	2,023.0	1,832.3	1,853.1	1,755.0
Proportion of domestic guarantees by	sector									
Mining & Quarrying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tourism	10.1	11.5	10.5	10.6	4.9	4.7	4.7	2.4	2.5	2.7
Agriculture	34.1	39.1	39.8	38.8	35.4	39.0	39.0	47.6	48.0	51.2
Finance	19.7	8.4	8.5	8.6	14.4	13.9	13.9	15.3	15.1	16.2
Transport	0.0	0.0	0.0	0.0	7.4	6.1	6.1	6.7	6.7	5.8
Communication	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fisheries	3.1	3.4	3.4	3.5	3.3	3.2	3.2	3.7	3.6	0.0
Education	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Energy	33.0	37.5	37.8	38.4	34.5	33.2	33.2	24.4	24.1	24.1
Total domestic loan guarantees	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: MoF

Table III.4 (b) Government Foreign Loan Guarantees by Sector and Currency (N\$ million)

		202	1/22			202	2/23		2023	3/24
Sectoral allocation	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Energy	29.7	-	-	-	-	-	-	-	-	-
NAD and ZAR	29.7	-	-	-	-	-	-	-	-	-
USD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAD and ZAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport	3,545.8	2,561.7	2,561.7	2,561.7	2,583.8	2,482.2	2,374.3	2,266.3	2,390.0	2,158.4
NAD and ZAR	2,698.0	2,561.7	2,561.7	2,561.7	2,583.8	2,482.2	2,374.3	2,266.3	2,266.3	2,158.4
USD	847.8	-	-	-	-	-	-	-	123.7	-
Communication	376.4	377.9	379.3	373.7	376.4	378.4	354.9	352.1	341.2	340.4
NAD and ZAR	325.0	325.0	325.0	325.0	325.0	325.0	303.4	303.4	281.7	281.7
USD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EUR	51.4	52.9	54.3	48.7	51.4	53.4	51.6	48.8	59.5	58.7
Finance	5,887.8	5,887.8	5,728.0	5,675.9	5,457.2	5,218.3	5,024.3	5,024.3	4,736.7	4,549.2
NAD and ZAR	5,887.8	5,887.8	5,728.0	5,675.9	5,457.2	5,218.3	5,024.3	5,024.3	4,736.7	4,549.2
Total foreign loan guarantees	9,839.7	8,827.4	8,669.0	8,611.3	8,417.4	8,078.9	7,753.5	7,642.8	7,467.9	7,048.1
B 21 66 1 1										
Proportion of foreign loan guarantees	_									
Energy	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAD and ZAR	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agriculture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAD and ZAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
USD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transport	36.0	29.0	29.6	29.7	30.7	30.7	30.6	29.7	32.0	30.6
NAD and ZAR	27.4	29.0	29.6	29.7	30.7	30.7	30.6	29.7	30.3	30.6
USD	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0
Communication	3.8	4.3	4.4	4.3	4.5	4.7	4.6	4.6	4.6	4.8
NAD and ZAR USD	3.3 0.0	3.7	3.7 0.0	3.8 0.0	3.9 0.0	4.0	3.9	4.0 0.0	3.8 0.0	4.0
		0.0				0.0	0.0			0.0
EUR Finance	0.5	0.6 <b>66.7</b>	0.6 <b>66.1</b>	0.6 <b>65.9</b>	0.6 <b>64.8</b>	0.7	0.7	0.6 <b>65.7</b>	0.8	0.8 <b>64.5</b>
NAD and ZAR	<b>59.8</b> 59.8	66.7	66.1	65.9	64.8	<b>64.6</b> 64.6	<b>64.8</b> 64.8	65.7	<b>63.4</b> 63.4	64.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Foreign loan quarantees per currence	,									
NAD and ZAR	8,940.5	8,774.6	8,614.7	8,562.6	8,366.0	8,025.5	7,701.9	7,594.0	7,284.7	6,989.3
USD	847.8	-	-	-	-	-	-	-	123.7	-
EUR	51.4	52.9	54.3	48.7	51.4	53.4	51.6	48.8	59.5	58.7
Total foreign loan guarantees	9,839.7	8,827.4	8,669.0	8,611.3	8,417.4	8,078.9	7,753.5	7,642.8	7,467.9	7,048.1
Currency composition of foreign loan										
guarantees NAD and ZAD	00.0	00.4	00.4	00.4	00.4	00.0	00.0	00.4	07.5	00.0
NAD and ZAR	90.9	99.4	99.4	99.4	99.4	99.3	99.3	99.4	97.5	99.2
USD	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0
EUR	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.8	0.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: MoF

Table IV. A1 Balance of payments aggregates N\$ million [1]

01   02   103   04   2021   01   02   103   04   2022   01   02   1	148 -1883 -1,115 -375 -3.219 337 -5,180 -11 99 -5,005 -3.595 -3,1417 -5,894 -5,982 -20,588 -7,891 -5,643 -7,970 -4,103 -2,660 -8,089 -3,893	-5.881 -2.397 -17,707 -5,044 200 -6,589 -4,612 -16,035 -8,048 -6,822 -9,827 -6,002 -31,300 -10,465 -8,223 -10,067 -5,577 -34,341 -9,821 -4,562 -25,339 -11,66 -14,802 -15,606	1,4,50         1,4,50<	17.69         18.881         18.993         18.71         17.682         18.581         18.993         18.71         17.682         18.72         17.683         18.881         17.72         23.81         6.182         23.73         23.81         6.182         23.73         23.81         6.182         23.73         6.883         7.77         7.50         8.78         7.70         8.78         7.77         8.78         7.70	778 1193 507 424 1185 517 418 517 118 518 119 118 518 119 118 518 119 118 118 119 118 118 118 118 118 1	2,346         2,941         2,847         2,847         2,450         2,450         2,450         2,450         2,450         2,450         2,450         2,450         2,450         3,102         4,947         4,974         4,974         4,974         4,974         4,974         4,974         4,974         4,974         4,974         4,977 <th< th=""><th>896 489 4174 772 771 895 4158 6.978 4.359 3.344 4.179 2.548 8.001 2.217 2.092</th><th>-1,956 202 -2,150 -24 -31</th><th>5028 4,583 4,779 18,934 4,463 5,975 6,109 5,845 22,382 5,625 3,601 4,006 4,178 17,890 3,903 3,934 3,876 4,022 15,735 3,988 6,607</th><th>4,361 4,882 4,700 4,309 4,725 4,688 4,344 4,731 4,731 188 196 -107 0 3 -174 199 67</th><th>N 2</th><th>28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th></th></th<>	896 489 4174 772 771 895 4158 6.978 4.359 3.344 4.179 2.548 8.001 2.217 2.092	-1,956 202 -2,150 -24 -31	5028 4,583 4,779 18,934 4,463 5,975 6,109 5,845 22,382 5,625 3,601 4,006 4,178 17,890 3,903 3,934 3,876 4,022 15,735 3,988 6,607	4,361 4,882 4,700 4,309 4,725 4,688 4,344 4,731 4,731 188 196 -107 0 3 -174 199 67	N 2	28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2019	,883			_	173 425					7 77			
5		DS AND SERVICES edit sbit	Control   Cont	Import fob [2] Consumer goods Mineral fuels Whiters a fuels Vehicles, aircraft, vessels Machinery, mechanical, electrical appliances Base metals and articles of base Metal Products of the chemical industries Cother imports	Services	If it it acturing services (net) portation (net) portation (net) (net) private and persion (net) private services* (net)	PRIMARY INCOME -451	pployees (net) net) te (net)		General government (red. Current taxes on income, wealth etc.  Current international cooperation (Include: SACU) of winich SACU treepins Financial corporations, non-financial corporations, of which SACU pool payments Financial corporations, non-financial corporations, 193 Forsonal transfers Other current laransfers	ANDITAL ACCOUNT	sposals of non-produced nonfinancial	

<sup>[1]</sup> Data for the previous three years are provisional and subject to revision [2] Published merchandise trade data from NSA adjusted for BOP purposes. [p] Provisional

Table IV. A2 Balance of payments aggregates N\$ million [1]

Control   Cont	PRANTON A COCINT F. fl ( ) ( ) define ( ) )	10	2019	8	0.4	2018		(d)	03		2018		<u>@</u>	70   07	04 2018	2018 01	05	2022(p) Q3	04	2018		2023	83
Continue   Continue	FINANCIAL ACCOUNT [inflow (-)/ Outflow (+)]	1,158	-236	-287	-849	-214	228		-1,268			652	2		-20	ဝှ	ကို	-8			<b>ှ</b>		-8,551
The contract of the contract	NET DIRECT INVESTMENT [inflow (-)] Outflow (+)] Net acquisition of financial assets [2] Leguly and investment fund shares Equity other than reinvestment of earnings Reinvestment of earnings Debt instruments	-602 -59 -53 -53 -6	1,765 136 0 3 132	-13 -13 -15	870 14 12 39	132 48 48 3 -51 180	36 36 36 38 58	175 175 -2 0 -2 178	1,267 351 220 232 -12 132	229 11 5 7 218	3,263 851 265 237 28 586	-161 -110 -115 -52	2,247 77 22 0 54	36 11 0 11 25	-12	-5	ç.	φ		-1-	<b>.</b>		-8,397 406 258 225 33 148
Control ( )	Net incurrence of liabilities [3] Equity and investment fund shares Equity other than reinvestment of earnings Reinvestment of earnings Debt instruments	543 445 70 375 98	-1,629 -567 -293 -274 -1,062	- <b>681</b> 101 54 47 -782	-817 -713 144 -857 -104	-2,585 -735 -25 -710 -1,850	- <b>664</b> -1,039 -1,172 375	-52 -285 -29 -257 234	-915 396 462 -66 -1,311	- <b>781</b> -561 -455 -106	-2,412 -1,489 112 -1,600 -923	2,181 575 524 350 1,607	2,324 1,260 1,404 -145 1,064		•							9,978 8,151 7,282 868 1,827	8,803 7,596 7,284 312 1,207
The control of the	NET PORTFOLIO INVESTMENT finflow (-)/Outflow (+)] Net acquisition of financial assets [2] Equity and investment fund shares Debt securities	-411 -398 -290 -108	<b>-783</b> <b>-671</b> -468 -204	2,764 2,776 1,665 1,111	-10 -4 -5	1,810 1,697 903 794	3,418 3,132 1,583 1,550	-833 -806 -27		-2,433 -1,330 -1,083													<b>2,521 2,535</b> 1,217 1,318
Continue ( )   100   120   130   140   1	Net incurrence of liabilities [3] Equity and investment fund shares Debt securities	<u>ნ</u> თ ი	11 0	<b>5</b> ∞ ₪	-250 11 -261	-113 -252 -252	- <b>286</b> 8 -293	-828 11 -839	- <b>488</b> 10 -498	<b>20</b>	-1, <b>581</b> -1,628 -1,628	117 15 102	<b>₽</b> ® ®			7,774	342 9 333	<b>=</b> ∞ ≈				# 8 E	<mark>€</mark> 6 4
ets [2] 2,004 - 2,331 - 904 - 2,529 - 3,670   3,670   3,526   2,964 - 1,687   1,987	NET FINANCIAL DERIVATIVES & EMPLOYEE STOCK OPTION [inflow (-)/ Outflow (+)] Net acquisition of financial assets [2] Net incurrence of liabilities [3]	-23	31 -101	-223 -103 121	135	-21 -162	-736 -25 711	318 -8 -326	-89 -206	376 -66	141 254 113	15- 190 -119	-153 -180 -27	-125 -146 -21		-344 -531 -187	<u>r</u> - ∞	16 80		Ì		-69 -23 46	-21 -107
376 - 82	NET OTHER INVESTMENT (inflow (-)/ Outflow (+)] Net acquisition of financial assets [2] Other Equity Currency and Deposits	2,012 2,094 0 1,677	-1,997 -2,331 0 -1,922	-1,691 -904 -1,609	-37 -2,529 0 -1,906	-1,713 -3,670 0	-481 356 0 793	5,333 3,296 0 2,678	2,664 0 2,762	-1,698 -2,779 0 0-2,703	1,560 3,536 0	1,957 2,954 0 3,165		5,765 1,492 0 -485							4	W **	-3,590 -1,272 0 -1,284
82 -334 787 -2,493 -1,957 837 -2,037 4,256 1,002 1	Loans Insurance, pension,standardised guarantees Trade Credits and Advances Other Accounts Receivable	376	-82 0 65 -392	637 0 52 15	-651 -186 213	-193 -59 -134	-222 0 -21 -194	697 0 85 -85	-44 0 57 -113	0 98 et-	-272 0 138 -410	80 0 36 -327		-598 -93 -316									92 - 43 - 43
)/decrease (-1) 153	Net incurrence of liabilities [3] Other equity Currency and deposits Curancy enable standardised guarantees Insurance, pension, standardised guarantees Trade Credits and Advances Other accounts Payable Special Drawing Rights	82 0 969 -724 -154 -16	-334 -945 1,050 0 -443	787 1,506 1,506 644 0 1-12	-2,493 0 -1,291 -490 -689 -24	-1,957 0 240 -807 -850 -541	837 0 526 137 0 0 47	-2,037 0 -1,106 -797 0 -120 -15	4,258 0 2,221 2,064 0 26 -53	-1,082 0 -1,561 366 0 112	1,976 0 80 80 1,771 0 145 0	997 0 0 344 680 -16 -16	5,209 0 -300 5,538 0 -71 42	4,272 0 -647 694 0 266 22 3,938	÷			· <del>-</del> -			4		
588 1,250 447 -798 1,488 -329 -124 -1,635 -643 -2,731 -412 1,074 -456 -2,187 -1,982 -1,888 788 -788 684 -1,233 726 -1,245	RESERVE ASSETS (Increase (+)/decrease (-))	153	200	-1,820	-2,211	-3,169	-2,431	-437	877	2,513	521	2,017	6,923	2,768				1				4	828
	NET ERRORS AND OMISSIONS	288	1,250	447	-798	1,488	-329		-1,635	-643	-2,731	-412	1,074				868					-1,245	2,839

[1] Data for the previous three years are provisional and subject to revision [2] A net disposal of assests (inflow of capital) is indicated by a negative (-) sign. [2] A net acquisition of assets (outflow of capital) is indicated by a positive (+) sign. A net disposal of liabilities (outflow of capital) is indicated by a negative (-) sign. A net incurrence of liabilities (inflow of capital) is indicated by a negative (-) sign.

Table IV.B Supplementary table: balance of payments - services (N\$ million)

Tuble IV.B	Jup <sub>i</sub>		2019	ıtaı				2020					2021(p)					2022(p)				2023(p)	
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	Q3	Q4	2021	Q1	Q2	Q3	Q4	2022	Q1	Q2	Q3
SERVICES, NET	216	173	425	278	1,093	502	-491	-213	-867	-1,070	-1,051	-1,291	-1,664	-948	-4,954	-1,686	-380	414	-1,058	-2,709	-3,090	-3,383	-5,737
Credit	2,345	2,195	2,941	2,677	10,157	3,702	2,496	2,396	2,542	11,136	1,785	2,587	2,450	3,125	9,948	2,811	3,312	4,974	4,103	15,200	4,186	4,762	4,715
Manufacturing services	494	482	329	431	1,737	550	604	515	455	2,125	167	495	414	408	1,484	395	191	670	377	1,634	507	510	126
Maintenance & repair services	85	137	137	137	497	263	87	73	131	553	88	175	127	166	555	150	189	177	170	686	186	290	207
Transport services	365	386	417	405	1,573	661	612	419	746	2,437	443	615	555	647	2,260	643	892	1,103	1,129	3,767	1,123	981	1,107
Passenger	341	362	394	379	1,476	77	65	38	39	218	25	8	17	39	89	52	38	80	116	285	136	41	28
Other	24	24	23	26	98	584	547	381	706	2,219	418	607	538	608	2,171	592	854	1,023	1,013	3,482	988	940	1,078
Travel Services	1,042	923	1,700	1,387	5,052	1,026	280	281	297	1,885	270	406	557	672	1,905	589	999	1,702	1,302	4,592	1,198	1,768	2,001
Business	27	36	139	132	334	184	24	31	52	292	49	79	122	102	352	62	114	225	155	556	124	61	222
Personal	1,016	887	1,560	1,255	4,719	842	256	250	245	1,593	221	327	436	569	1,553	526	885	1,477	1,147	4,036	1,074	1,708	1,780
Construction services	63	10	34	23	131	39	110	28	43	220	42	31	80	86	239	59	30	68	95	251	37	40	79
Insurance and pension services	0	64	0	0	64	0	0	0	0	0	0	0	0	64	64	7	0	3	3	13	2	3	3
Financial services	93	78	88	86	345	80	77	65	57	279	22	46	16	14	98	16	26	29	32	102	27	27	31
Charges for the use of intellectual property	2	4	2	1	8	11	11	4	15	40	10	15	3	6	34	2	7	5	14	29	37	14	5
Telecommunications, computer & information	33	44	82	49	209	47	58	56	55	216	96	97	80	71	344	70	139	99	69	376	73	82	110
Other business services	11	10	25	22	69	792	479	534	487	2,291	488	498	388	732	2,105	696	640	849	749	2,934	798	812	818
Personal, cultural & recreational services	13	4	6	2	25	8	2	4	21	35	14	14	66	28	122	15	13	33	17	78	19	61	51
Government services, n.i.e.	142	52	119	133	446	226	175	418	235	1,054	146	196	165	231	737	169	186	236	146	737	179	173	177
Debit	2,128	2,022	2,516	2,398	9,065	3,200	2,987	2,609	3,410	12,206	2,837	3,878	4,114	4,073	14,902	4,497	3,691	4,560	5,161	17,909	7,276	8,145	10,452
Manufacturing services	2	1	2	1	6	2	2	2	-/	7	1	1	.,	2	7	2	2	2			- 1	2	2
Maintenance & repair services									1	/		- 11	3							ŏΙ	2		
	61	165	108	96	430	725	591	281	490	2,088	697	726	336	846	2,606	975	775	662	2 452	2,866	2 561	555	1,108
Transport services	466	165 506	108 504	96 483	430 1,958	725 429	591 335		490 465		·				2,606 1,912	-	775 599	662					1,108 889
Transport services Passenger								281		2,088	697	726	336	846	Ť	975			452	2,866	561	555	
•	466	506	504	483	1,958	429	335	281 434	465	2,088 1,663	697 417	726 423	336 517	846 555	1,912	975 532	599	693	452 679	2,866 2,503	561 696	555 689	889
Passenger	466 43	506 61	504 28	483 34	1,958 165	429 23	335 24	281 434 20	465 5	2,088 1,663 72	697 417 3	726 423 7	336 517 4	846 555 6	1,912 20	975 532 8	599 11	693 20	452 679 26	2,866 2,503 65	561 696 59	555 689 91	889 177
Passenger Other	466 43 424	506 61 445	504 28 475	483 34 449	1,958 165 1,793	429 23 405	335 24 311	281 434 20 414	465 5 460	2,088 1,663 72 1,590	697 417 3 414	726 423 7 416	336 517 4 513	846 555 6 549	1,912 20 1,892	975 532 8 524	599 11 588	693 20 673	452 679 26 653	2,866 2,503 65 2,438	561 696 59 637	555 689 91 598	889 177 712
Passenger Other Travel services	466 43 424 252	506 61 445 197	504 28 475 416	483 34 449 685	1,958 165 1,793 1,550	429 23 405 465	335 24 311 150	281 434 20 414 214	465 5 460 323	2,088 1,663 72 1,590 1,152	697 417 3 414 207	726 423 7 416 255	336 517 4 513 180	846 555 6 549 221	1,912 20 1,892 863	975 532 8 524 337	599 11 588 322	693 20 673 428	452 679 26 653 454	2,866 2,503 65 2,438 1,541	561 696 59 637 451	555 689 91 598 350	889 177 712 356
Passenger Other Travel services Business	466 43 424 252 35	506 61 445 197 38	504 28 475 416 117	483 34 449 685 187	1,958 165 1,793 1,550 376	429 23 405 465 114	335 24 311 150 27	281 434 20 414 214 20	465 5 460 323 49	2,088 1,663 72 1,590 1,152 209	697 417 3 414 207 45	726 423 7 416 255 40	336 517 4 513 180 37	846 555 6 549 221 61	1,912 20 1,892 863 183	975 532 8 524 337 50	599 11 588 322 98	693 20 673 428 121	452 679 26 653 454	2,866 2,503 65 2,438 1,541 422	561 696 59 637 451	555 689 91 598 350	889 177 712 356 58
Passenger Other Travel services Business Personal	466 43 424 252 35 217	506 61 445 197 38 159	504 28 475 416 117 299	483 34 449 685 187 498	1,958 165 1,793 1,550 376 1,174	429 23 405 465 114 351	335 24 311 150 27 124	281 434 20 414 214 20 194	465 5 460 323 49 274	2,088 1,663 72 1,590 1,152 209 942	697 417 3 414 207 45 162	726 423 7 416 255 40 214	336 517 4 513 180 37	846 555 6 549 221 61 160	1,912 20 1,892 863 183 680	975 532 8 524 337 50 286	599 11 588 322 98 225	693 20 673 428 121 306	452 679 26 653 454 153 302	2,866 2,503 65 2,438 1,541 422 1,119	561 696 59 637 451 108 344	555 689 91 598 350 155	889 177 712 356 58 298
Passenger Other Travel services Business Personal Construction services Insurance and pension	466 43 424 252 35 217 84	506 61 445 197 38 159 92	504 28 475 416 117 299 83	483 34 449 685 187 498	1,958 165 1,793 1,550 376 1,174 268	429 23 405 465 114 351	335 24 311 150 27 124	281 434 20 414 214 20 194	465 5 460 323 49 274	2,088 1,663 72 1,590 1,152 209 942 26	697 417 3 414 207 45 162 6	726 423 7 416 255 40 214 0	336 517 4 513 180 37 143	846 555 6 549 221 61 160 2	1,912 20 1,892 863 183 680	975 532 8 524 337 50 286 34	599 11 588 322 98 225 44	693 20 673 428 121 306 62	452 679 26 653 454 153 302 75	2,866 2,503 65 2,438 1,541 422 1,119 215	561 696 59 637 451 108 344 34	555 689 91 598 350 155 195	889 177 712 356 58 298
Passenger Other Travel services Business Personal Construction services Insurance and pension services	466 43 424 252 35 217 84	506 61 445 197 38 159 92	504 28 475 416 117 299 83 53	483 34 449 685 187 498 10	1,958 165 1,793 1,550 376 1,174 268 445	429 23 405 465 114 351 13	335 24 311 150 27 124 1	281 434 20 414 214 20 194 0	465 5 460 323 49 274 13	2,088 1,663 72 1,590 1,152 209 942 26 186	697 417 3 414 207 45 162 6	726 423 7 416 255 40 214 0	336 517 4 513 180 37 143 1	846 555 6 549 221 61 160 2	1,912 20 1,892 863 183 680 9	975 532 8 524 337 50 286 34 66	599 11 588 322 98 225 44	693 20 673 428 121 306 62 80	452 679 26 653 454 153 302 75	2,866 2,503 65 2,438 1,541 422 1,119 215 303	561 696 59 637 451 108 344 34	555 689 91 598 350 155 195 1	889 177 712 356 58 298 93
Passenger Other Travel services Business Personal Construction services Insurance and pension services Financial services Charges for the use of	466 43 424 252 35 217 84 184	506 61 445 197 38 159 92 157 3	504 28 475 416 117 299 83 53	483 34 449 685 187 498 10 51	1,958 165 1,793 1,550 376 1,174 268 445	429 23 405 465 114 351 13 45	335 24 311 150 27 124 1 36	281 434 20 414 214 20 194 0	465 5 460 323 49 274 13 54	2,088 1,663 72 1,590 1,152 209 942 26 186 62	697 417 3 414 207 45 162 6 48	726 423 7 416 255 40 214 0 48	336 517 4 513 180 37 143 1 59	846 555 6 549 221 61 160 2 63 4	1,912 20 1,892 863 183 680 9 218	975 532 8 524 337 50 286 34 66	599 11 588 322 98 225 44 80 5	693 20 673 428 121 306 62 80	452 679 26 653 454 153 302 75 77	2,866 2,503 65 2,438 1,541 422 1,119 215 303 21	561 696 59 637 451 108 344 34 72	555 689 91 598 350 155 195 1 69	889 177 712 356 58 298 93 80 6
Passenger Other Travel services Business Personal Construction services Insurance and pension services Financial services Charges for the use of intellectual property Telecommunications,	466 43 424 252 35 217 84 184 12	506 61 445 197 38 159 92 157 3	504 28 475 416 117 299 83 53 39	483 34 449 685 187 498 10 51 0	1,958 165 1,793 1,550 376 1,174 268 445 55	429 23 405 465 114 351 13 45 51	335 24 311 150 27 124 1 36 1	281 434 20 414 214 20 194 0 52 2	465 5 460 323 49 274 13 54 9	2,088 1,663 72 1,590 1,152 209 942 26 186 62 92	697 417 3 414 207 45 162 6 48 6	726 423 7 416 255 40 214 0 48 2	336 517 4 513 180 37 143 1 59 2	846 555 6 549 221 61 160 2 63 4	1,912 20 1,892 863 183 680 9 218 14	975 532 8 524 337 50 286 34 66 4	599 11 588 322 98 225 44 80 5	693 20 673 428 121 306 62 80 7	452 679 26 653 454 153 302 75 77 7	2,866 2,503 65 2,438 1,541 422 1,119 215 303 21	561 696 59 637 451 108 344 34 72 7	555 689 91 598 350 155 195 1 69 5	889 177 712 356 58 298 93 80 6
Passenger Other Travel services Business Personal Construction services Insurance and pension services Financial services Charges for the use of intellectual property Telecommunications, computer & information	466 43 424 252 35 217 84 184 12 4	506 61 445 197 38 159 92 157 3 8	504 28 475 416 117 299 83 53 39 21	483 34 449 685 187 498 10 51 0 4	1,958 165 1,793 1,550 376 1,174 268 445 55 37	429 23 405 465 114 351 13 45 51 42	335 24 311 150 27 124 1 36 1 7	281 434 20 414 214 20 194 0 52 2 32	465 5 460 323 49 274 13 54 9 11 185	2,088 1,663 72 1,590 1,152 209 942 26 186 62 92	697 417 3 414 207 45 162 6 48 6 40	726 423 7 416 255 40 214 0 48 2 17	336 517 4 513 180 37 143 1 59 2 14 412	846 555 6 549 221 61 160 2 63 4 8	1,912 20 1,892 863 183 680 9 218 14 79	975 532 8 524 337 50 286 34 66 4 12	599 11 588 322 98 225 44 80 5 29	693 20 673 428 121 306 62 80 7 64	452 679 26 653 454 153 302 75 77 7 44	2,866 2,503 65 2,438 1,541 422 1,119 215 303 21 148	561 696 59 637 451 108 344 34 72 7 28	555 689 91 598 350 155 195 1 69 5 31	889 177 712 356 58 298 93 80 6 64

Table IV.C Supplementary table: balance of payments - primary income (N\$ million)

			2019					2020					2021 (p)				:	2022 (p)			;	2023 (p)	
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	Q3	Q4	2021	Q1	Q2	Q3	Q4	2022	Q1	Q2	Q3
PRIMARY INCOME, NET	-451	-1,972	173	-2,197	-4,447	918	-995	489	-1,134	-722	-771	-895	-1,153	-4,158	-6,978	-1,329	-2,344	-1,779	-2,548	-8,001	-2,217	-2,092	-1,139
Credit	1,214	1,195	1,295	753	4,457	768	1,159	1,206	867	3,999	1,432	1,232	1,337	1,196	5,197	1,364	1,145	1,222	1,622	5,353	1,898	1,953	1,986
Debit	1,665	3,168	1,122	2,949	8,904	-150	2,154	717	2,001	4,722	2,203	2,127	2,490	5,354	12,174	2,694	3,489	3,001	4,170	13,354	4,114	4,044	3,125
Compensation of employees, net	1	8	2	-16	-5	-31	-21	-15	-16	-83	-26	-8	-97	-4	-135	-81	-64	10	30	-105	-17	33	10
Credit	91	130	109	71	401	83	76	70	98	328	102	90	97	94	384	103	125	135	167	531	147	174	170
Debit	90	122	107	86	406	114	97	85	114	411	128	97	195	99	519	185	189	126	137	636	164	140	160
Investment income, net	-426	-1,956	202	-2,150	-4,330	980	-948	529	-1,095	-535	-753	-895	-1,062	-4,162	-6,872	-1,262	-2,298	-1,801	-2,594	-7,956	-2,255	-2,279	-1,209
Credit	1,123	1,065	1,186	682	4,057	685	1,083	1,136	769	3,672	1,321	1,134	1,234	1,093	4,782	1,247	1,001	1,073	1,438	4,759	1,689	1,624	1,743
Direct investment	-50	8	-8	31	-19	38	0	-11	8	35	8	24	13	25	70	14	62	39	53	168	33	64	57
Dividends	1	1	1	1	6	1	1	1	1	6	1	1	1	1	6	1	1	1	1	6	1	1	1
Reinvested earnings	-53	3	-13	12	-51	36	-2	-12	7	28	5	22	11	23	62	12	58	31	39	140	15	42	33
Interest	1	3	3	18	26	0	1	0	0	1	2	0	0	0	2	0	2	7	13	23	17	21	23
Portfolio investment	884	722	859	402	2,867	427	939	899	604	2,869	1,116	839	1,014	776	3,745	1,051	730	754	1,033	3,569	1,260	1,130	1,179
Dividends	592	471	571	273	1,908	116	564	474	326	1,481	662	531	641	474	2,308	652	478	510	700	2,340	829	730	728
Interest	292	251	288	128	959	311	375	424	278	1,388	454	309	373	302	1,437	399	252	244	334	1,229	430	399	451
Other investment	107	94	93	82	376	77	50	56	38	221	73	122	106	57	357	73	87	112	140	412	131	158	140
Reserve assets	183	242	243	167	834	143	94	192	118	547	125	149	100	236	610	109	122	167	212	610	266	272	367
Debit	1,550	3,021	984	2,832	8,387	-295	2,031	606	1,864	4,206	2,075	2,029	2,295	5,255	11,653	2,509	3,300	2,874	4,032	12,714	3,944	3,903	2,952
Direct investment	946	1,617	324	1,565	4,452	-851	842	165	833	988	1,794	919	1,979	4,091	8,784	2,049	2,474	2,418	3,119	10,059	3,405	2,893	2,269
Dividends	531	1,079	131	1,498	3,239	277	277	84	502	,	1,442	674	1,610	1,453	5,179	1,183	884	1,576	2,144	5,787	2,465	1,892	1,954
Reinvested earnngs	375		47	-857	-710	-1,172		-66	-106		350	-145	334	2,348		863	1,270	837	565		832	868	312
Interest Portfolio	41	812	146	923	1,922	43	821	147	436	1,448	2	390	35	290	717	2	320	4	410	737	108	133	3
investment	235	952	218	955	2,359	224	916	171	887	2,198	123	832	118	827	1,899	136	583	143	595	1,457	163	549	175
Dividends	3	3	3	3	11	3	3	3	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest	232	949	215	952	2,348	221	914	169	884	2,187	123	832	118	827	1,899	136	583	143	595	1,457	163	549	175
Other investment	368	453	442	313	1,576	332	273	270	145	1,020	158	278	198	336	970	323	243	313	319	1,198	377	461	508
Other pri																							
Other primary income, net	-25	-24	-31	-31	-111	-31	-25	-25	-23	-104	8	7	6	8	29	14	18	12	16	60	55	154	60
Credit	0	0	0	0	0	0	0	0	0	0	8	8	6	9	31	15	18	14	17	63	62	155	73
Debit	25	24	31	31	111	31	25	25	23	104	0	1	0	1	2	0	0	1	1	3	7	1	13

(P) Provisional

Table IV.D Supplementary table : balance of payments - secondary income (N\$ million)

			2019					2020					2021(p)					2022 (p)				2023 (p)	
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	Q3	Q4	2021	Q1	Q2	Q3	Q4	2022	Q1	Q2	Q3
SECONDARY INCOME, NET	4,554	5,028	4,593	4,759	18,934	4,463	5,975	6,099	5,845	22,382	5,825	3,601	4,086	4,178	17,690	3,903	3,934	3,876	4,022	15,735	3,968	6,607	6,804
Credit	5,037	5,529	5,474	5,649	21,688	5,562	6,700	6,441	6,376	25,079	6,443	4,418	4,695	4,714	20,271	4,610	4,476	4,618	4,792	18,495	4,807	7,269	7,378
General government	4,754	5,196	5,101	5,186	20,238	5,115	5,948	5,928	5,970	22,962	6,060	4,108	4,202	4,186	18,555	4,188	4,018	4,087	4,286	16,580	4,247	6,729	6,735
Current taxes on income, wealth etc.	53	108	13	150	324	28	28	8	50	114	144	67	161	145	518	118	88	158	214	579	247	189	195
Social contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Social benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Current international cooperation (Include:SACU)	4,701	5,088	5,088	5,036	19,914	5,088	5,920	5,920	5,920	22,848	5,916	4,041	4,041	4,041	18,037	4,070	3,929	3,929	4,072	16,001	4,000	6,540	6,540
of which Receipts from SACU	4,344	4,731	4,731	4,731	18,535	4,731	5,563	5,563	5,563	21,419	5,563	3,688	3,688	3,688	16,626	3,688	3,547	3,547	3,547	14,329	3,547	6,087	6,087
Financial corporations, non- financial corporation, households and NPISHs	282.8	332.6	372.9	462.7	1,450.8	446.4	752.1	513.0	405.5	2,117.0	383.6	310.0	493.9	528.2	1,715.6	421.7	458.0	530.8	505.1	1,915.6	560.2	539.8	642.4
Personal transfers (Current transfers between resident and non resident households)	72	119	168	191	550	235	234	199	60	728	67	57	113	66	303	75	82	82	116	354	102	96	89
Other current transfers	210.9	213.8	204.6	271.4	900.7	211.8	517.7	314.1	345.4	1,389.0	317.0	253.0	380.4	462.4	1,412.9	347.0	376.5	448.5	389.6	1,561.6	458.1	444.1	553.2
Debit	483	500	881	890	2,755	1.099	725	342	531	2,697	619	817	609	536	2,581	707	542	741	770	2,760	839	662	573
General government	393	364	402	415	1,573	515	391	150	271	1,327	469	426	431	350	1,677	516	415	494	531	1,956	565	442	449
Current taxes on income, wealth etc.	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	, i	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0
Social contributions	-	-	-	-	-	-	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-
Social benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Current international cooperation (Include:SACU)	392	363	401	414	1,569	514	390	149	270	1,323	468	425	430	349	1,673	515	414	493	530	1,952	564	441	448
of which SACU pool payments	376	356	358	394	1,485	446	389	68	225	1,127	453	423	371	335	1,583	476	409	443	468	1,796	525	404	368
Financial corporations, non- financial corporation, households and NPISHs	90	137	480	475	1,181	584	334	192	260	1,370	150	391	178	186	904	191	127	247	239	804	273	221	124
Personal transfers (Current transfers between resident and non resident households)	72	122	342	449	986	565	308	179	235	1,287	125	361	145	162	794	162	104	198	173	636	241	174	75
Other current transfers	18	15	138	26	196	19	26	13	25	83	24	30	33	24	110	29	23	49	66	168	33	46	49

(P) Provisional

Table IV.E Supplementary table: balance of payments - capital account (N\$ million)

			2019					2020					2021(p)					2022(p)				2023(p)	
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	Q3	Q4	2021	Q1	Q2	Q3	Q4	2021	Q1	Q2	
CAPITAL ACCOUNT BALANCE	416	396	382	324	1,518	520	380	379	378	1,658	355	431	322	921	2,030	439	452	456	418	1,765	541	544	542
Credit	471	461	424	336	1,692	532	382	379	388	1,680	368	440	340	927	2,075	446	455	472	452	1,826	553	552	553
Gross disposals of non-produced nonfinancial assets	26	0	0	1	28	2		0	0	3	0	0	0	0	0	-	2	-	1	2	-	0	1
Capital transfers	445	461	424	335	1,664	529	382	379	388	1,677	368	440	340	927	2,075	446	454	472	452	1,824	553	552	552
General Government	417	417	417	332	1,584	527	379	379	379	1,663	357	440	340	923	2,060	446	446	446	446	1,785	516	516	516
Debt forgiveness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other capital transfers	417	417	417	332	1,584	527	379	379	379	1,663	357	440	340	923	2,060	446	446	446	446	1,785	516	516	516
Financial corporations, nonfinancial corporations, households, and NPISHs	28	44	7	2	80	3	3	-	9	15	11	-	-	4	15	0	7	26	6	39	38	36	37
Debt forgiveness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other capital transfers	28	44	7	2	80	3	3	-	9	15	11	-	-	4	15	0	7	26	6	39	38	36	37
Debit	55	64	42	12	174	11	2	-	10	23	13	9	18	6	45	7	3	17	34	61	13	8	11
Gross acquisitions of non- produced nonfinancial assets	-	-			ŀ	-		-	-	ŀ	-	-		-	-	-	-	-	-		-	-	
Capital transfers	55	64	42	12	174	11	2		10	23	13	9	18	6	45	7	3	17	34	61	13	8	11
General government	9	21	38	4	73	10	1	-	1	12	13	9	17	5	43	6	3	16	34	58	12	7	11
Debt forgiveness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other capital transfers	9	21	38	4	73	10	1	-	1	12	13	9	17	5	43	6	3	16	34	58	12	7	11
Financial corporations, nonfinancial corporations, households, and NPISHs	46	43	4	8	101	2	0	-	8	10	0	-	1	1	2	1	0	1	1	3	1	1	1
Debt forgiveness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other capital transfers	46	43	4	8	101	2	0	-	8	10	0	-	1	1	2	1	0	1	1	3	1	1	1

(P) Provisional

Table IV.F Supplementary table: balance of payments - direct investment (N\$ million)

			2019					2020(p)		- 1			2021(p)		- 1			2022(p)		- I		2023(p)	_
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	03	Q4	2021	Q1	Q2	03	Q4	2022	Q1	Q2	Q3
DIRECT INVESTMENT, NET	-602	1.765	683	870	2.717	758	227	1,267	1.010	3,263	-2.343	-2.247	-1.700	-6.018	-12.308	-2.935	-3.061	-6.080	-5.259	-17.335	-7.721	-15.381	-8.397
Net acquisition of financial assets	-59	136	2	53	132	95	175	351	229	851	-161	77	36	320	271	-162	166	-44	236	197	-109	-5,403	406
Equity and investment fund shares	-53	3	-13	14	-48	36	-2	220	11	265	-110	22	11	23	-53	12	58	31	45	146	15	-5,367	258
Equity other than reinvestment of earnings	0	0	0	2	3	0	0	232	5	237	-115	0	0	0	-115	0	0	0	6	6	0	-5,409	225
Direct investor in Direct investment enterprise	0	0	0	2	3	0	0	232	5	237	-115	0	0	0	-115	0	0	0	0	0	0	-5,409	225
Direct investment enterprise in direct investor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0
(reverse investment)	Ĭ	Ĭ		ŭ	Ĭ		Ĭ	Ĭ	Ĭ	Ĭ		Ĭ	Ĭ		Ĭ		Ĭ	ا ا	Ĭ	Ĭ	Ĭ		-
Between fellow enterprises	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinvestment of earnings	-53	3	-13	12	-51	36	-2	-12	7	28	5	22	11	23	62	12	58	31	39	140	15	42	33
Debt instruments	-6	132	15	39	180	58	178	132	218	586	-52	54	25	297	324	-174	108	-74	191	51	-124	-36	148
Short-term	-6	132 105	15 42	<b>56</b>	197 201	281	184 184	138 138	208 208	811 811	-52 -52	54 54	25 25	297 297	324 324	<b>-174</b> -174	148	- <b>74</b> -74	191 86	91 -14	-169 -102	16	107
Direct investor in Direct investment enterprise	-3	105	42	56	201	281	184	138	208	811	-52	54	25	297	324	-1/4	148	-/4	86	-14	-102	Ib	134
Direct investment enterprise in direct investor (reverse investment)	10	27	-27	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Between fellow enterprises	-13	-1	0	0	-14	0	0	0	0	0	0	0	0	0	0	0	0	0	105	105	-67	-10	-28
Long-term	0	0	0	-17	-17	-222	-6	-6	10	-225	0	0	0	0	0	0	-40	0	0	-40	45	-42	42
Direct investor in Direct investment enterprise	0	0	0	0	0	4	-6	-6	10	2	0	0	0	0	0	0	0	0	0	0	45	-42	42
Direct investment enterprise in direct investor (reverse investment)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Between fellow enterprises	0	0	0	-17	-17	-226	0	0	0	-226	0	0	0	0	0	0	-40	0	0	-40	0	0	0
Net incurrence of liabilities	543	-1,629	-681	-817	-2,585	-664	-52	-915	-781	-2,412	2,181	2,324	1,736	6,338	12,579	2,773	3,227	6,036	5,496	17,532	7,612	9,978	8,803
Equity and investment fund shares	445	-567	101	-713	-735	-1,039	-285	396	-561	-1,489	575	1,260	630	4,312	6,776	2,657	2,143	3,272	3,112	11,184	5,200	8,151	7,596
Equity other than reinvestment of earnings	70	-293	54	144	-25	133	-29	462	-455	112	224	1,404	295	1,964	3,888	1,793	873	2,435	2,547	7,648	4,368	7,282	7,284
Direct investor in Direct investment enterprise	70	-293	54	144	0	133	-29	462	-455	0	224	1,404	295	1,964	0	1,793	873	2,435	2,547	0	4,368	7,282	7,284
Direct investment enterprise in direct investor (reverse investment)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Between fellow enterprises	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reinvestment of earnings	375	-274	47	-857	-710	-1,172	-257	-66	-106	-1,600	350	-145	334	2,348	2,888	863	1,270	837	565	3,535	832	868	312
Debt instruments	98	-1,062	-782	-104	-1,850	375	234	-1,311	-220	-923	1,607	1,064	1,106	2,026	5,803	116	1,085	2,764	2,384	6,349	2,412	1,827	1,207
Short-term	6	-120	41	-16	-89	744	-43	-83	-5	613	219	-3	-20	-424	-228	75	21	57	63	217	-856	-84	4
Direct investor in Direct investment enterprise	18	-121	53	-18	-67	760	-33	-91	1	637	218	-3	-21	97	292	75	22	57	54	208	-713	-94	19
Direct investment enterprise in direct investor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(reverse investment)	-			-	-	-		_	-				-	-		-				-			
Between fellow enterprises	-12 91	-942	-13 -823	-88	-22 -1.762	-16 -369	-10 276	-1.228	-6 -215	-24 -1.535	1.387	1.067	1,127	-521 2.450	-520 6,031	42	1.063	2.707	10 2.320	6.132	-143 3.269	1,911	-14 1,202
Long-term Direct investor in Direct investment enterprise	-81	-165	-28	-oo -5	-1,762	394	224	221	117	955	-56	-77	1,127	1,737	1,793	42	425	305	192	968	645	1,072	944
Direct investor in Direct investment enterprise  Direct investment enterprise in direct investor				-			i		i			-//			1,/ 53		İ					1,072	
(reverse investment)	-2	-2	-2	-2	-7	-2	-2	-2	-2	-8	0	0	0	0	0	0	0	0	0	0	0	0	0
Between fellow enterprises	173	-775	-793	-81	-1,476	-761	55	-1,447	-329	-2,482	1,443	1,144	938	714	4,238	-5	638	2,402	2,128	5,164	2,624	839	258
(P) Provisional																						·	

Table IV.G Supplementary table: balance of payments - portfolio investment (N\$ million)

			2019		.			2020					2021(p)					2022(p)		.		2023(p)	
	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4	2020	Q1	Q2	Q3	Q4	2021	Q1	Q2	Q3	Q4	2022	Q1	Q2	Q3
PORTFOLIO INVESTMENT, NET	-411	-783	2,764	241	1,810	3,418	-5	-1,933	-2,433	-954	-5,212	-1,364	-2,206	707	-8,076	-2,534	-790	-235	1,226	-2,333	1,369	8,065	2,521
Net acquisition of financial assets	-398	-671	2,776	-10	1,697	3,132	-833	-2,422	-2,413	-2,535	-5,095	-1,353	-2,193	-7,208	-15,850	-2,192	-778	-218	-161	-3,350	1,327	8,076	2,535
Equity and investment fund shares	-290	-468	1,665	-4	903	1,583	-806	-1,251	-1,330	-1,804	-3,295	-1,003	-1,564	-4,901	-10,764	-1,397	-358	-27	-38	-1,821	892	5,233	1,217
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposit-taking corporations except central bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other sectors	-290	-468	1,665	-4	903	1,583	-806	-1,251	-1,330	-1,804	-3,295	-1,003	-1,564	-4,901	-10,764	-1,397	-358	-27	-38	-1,821	892	5,233	1,217
Debt Securities	-108	-204	1,111	-5	794	1,550	-27	-1,170	-1,083	-731	-1,800	-350	-630	-2,307	-5,086	-795	-420	-191	-122	-1,529	435	2,843	1,318
Short-term	9	-15	109	-96	8	137	-77	-15	-4	42	121	-1	-35	-68	18	-43	60	21	-38	-1	27	41	6
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposit-taking corporations except central bank	9	-15	109	-96	8	137	-77	-15	-4	42	121	-1	-35	-68	18	-43	60	21	-38	-1	27	41	6
Other sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Long-term	-117	-189	1,002	91	786	1,412	50	-1,155	-1,079	-773	-1,921	-349	-595	-2,239	-5,104	-751	-480	-212	-84	-1,527	408	2,801	1,312
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposit-taking corporations except central bank	3	-3	4	12	16	8	-5	6	-10	0	6	-95	4	79	-5	3	-4	4	-5	-1	8	-10	6
Other sectors	-120	-186	998	78	771	1,404	55	-1,162	-1,069	-772	-1,928	-254	-599	-2,319	-5,099	-755	-477	-216	-79	-1,526	400	2,811	1,306
Net incurrence of liabilities	13	112	12	-250	-113	-286	-828	-488	20	-1,581	117	11	13	-7,916	-7,774	342	11	17	-1,387	-1,017	-43	11	13
Equity and investment fund shares	9	111	8	11	139	8	11	10	18	46	15	9	10	7	41	9	8	14	8	39	7	8	9
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposit-taking corporations except central bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other sectors	9	111	8	11	139	8	11	10	18	46	15	9	10	7	41	9	8	14	8	39	7	8	9
Debt Securities	5	0	5	-261	-252	-293	-839	-498	2	-1,628	102	3	3	-7,922	-7,815	333	3	3	-1,395	-1,056	-50	3	4
Short-term	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deposit-taking corporations except central bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other sectors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Long-term	5	0	5	-261	-252	-293	-839	-498	2	-1,628	102	3	3	-7,922	-7,815	333	3	3	-1,395	-1,056	-50	3	4
Central Bank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General government	3	3	3	3	10	3	-837	3	3	-830	3	3	3	-7,862	-7,854	3	3	3	-1,547	-1,540	3	3	4
Deposit-taking corporations except central bank	2	-2	2	-264	-262	-296	-1	-1	0	-298	99	0	0	-60	39	330	0	1	153	484	-52	0	1
Other sectors	0	0	0	0	0	0	0	-500	0	-500	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial derivatives and employee stock options, net	7	70	-223	287	140	-736	318	117	442	141	-71	-153	-125	5	-344	-7	91	-98	-90	-104	-60	-69	86
Net acquisition of assets	-23	-31	-103	135	-21	-25	-8	-89	376	254	-190	-180	-146	-15	-531	1	80	21	-89	14	130	-23	-21
Net incurrence of liabilities	-30	-101	121	-152	-162	711	-326	-206	-66	113	-119	-27	-21	-20	-187	8	-11	119	1	118	190	46	-107
(P) Provisional																							

Table IV.H Supplementary table: balance of payments - other investment (N\$ million)

		2	2019			2	) ×	20		_		2021(p)		_		202	2022(p)			2023(p)	
	5	05	03	<b>Q</b>	2019	6	05		Q4 2020	0 01	05	03	Q4	2021	۵ _		03 0	4 20	2022   Q1	05	03
OTHER INVESTMENT, NET	2,012	-1,997	-1,691	-37	-1,713	-481				1,560 1,957	57 -5,770	-5,765	-392	0/6'6-		4,704	-3,576		- 898'-		7
Net acquisition of financial assets	2,094	-2,331	-904	-2,529	-3,670	326					54 -560	-1,492	1,018	1,920				4,647		4,330 -2,93	2 -1,272
Other equity	0	0	0	0	0	0							0	0							
Currency and Deposits	1,677	-1,922	-1,609	-1,906	-3,759	793							1,778	2,898							ı
Deposit taking except Central Bank	191	1,024	-117	-1,023	45	166	1,990	2,081	-3,359	878 1,6	1,685 -1,696	-1288	1,069	471	868	-1,037	-1,173	2,040	728 3,	3,982 -2,165	1,065
Other sectors	)(c'	046'7-	-1,492	-983	-3,804	/70							80 !	27477							١.
Loans - John term	3/6	- 82	63/	-65-1 -	781 - 13	727-							/LL-	9/0							
Constal Coustoment	<b>9</b> Ç		<b>7</b> ¢	<b>o</b> 6	4 6	5							1000	000							
General Government	2 (	⊇ ະ	2 ;	2 '	ð .	2 €							2 ₹	0 4 6							
Deposit taking except Central Bank	ņ	ဂ္ဂ	= <	ဂု	79-	· +							ا	-40/							
Other sectors	5	>	> !	0	>	0	-	-		1		п	n	= :	п	- 1	н				1
Loans - short term	370	-37	617	-656	294	-186							179	949							ဇှ
General Government	0	0	0	0	0	0							0	0				0			0
Deposit taking except Central Bank	370	-37	617	-656	787	-186	99/					195	179	949				φ			-3
Other sectors	0	0	0	0	0	0	0						0	0				13	44	-265 24	0
Insurance, pension standardised quarantees	0	0	0	0	0	0	0						0	0				0			0
Trade Credits and Advances	- 0	92	52	-186	-59	-5	9			138	38	-63	92	45				496	626		-
Central Bank	c	c	C	c	C	C	C						C	C				C			0
Depocit taking except Central Bank	· c	· c	· c	· c	· c	· c	o c		o c	· c	, ,	, ,	· c	· c		· c	· c	o c			, ,
Central Construction Central Ballin	> <	> <	> <	> 0	> 0	> <	> <		> 0	> <	<i>&gt; C</i>	0	> <	> <		> 0	> <	> <			0 0
Other societies	> ç	> 1	> <u>[</u>	0 6	> <u>c</u>	> 5	<b>&gt;</b> @	> <u>[</u>			0 6	> 6	O 18	) L		<u>ا</u> د	0 6	0 9	0 %	775	o •
Offier sectors	2	8	70	00	e i	17-	0			130	30		6	C <del>4</del>	٠	00-	0/	430			
Other Accounts Receivable	္တ	-392	15	213	-134	-194	-82	-13			27 -243	-316	-708	-1,594	-204	97	438	22			-83
:	- 1																				
Net incurrence of liabilities	82	-334	787	-2,493	-1,957	837				1,976		4,272	1,410	11,889		,392	793	2,752 1	15,141 4,4	53 -870	0 2,317
Other Equity	0	0	0	0	0	0							0	0		0					
Currency and Deposits	696	-942	1,506	-1,291	240	226							69-	-672		-828			8,149 (		
Deposit taking except Central Bank	696	-942	1,506	-1,291	240	526					14 -300		စ္	-672	8,829	-828	89				
Other sectors	0	0	0	0	0	0							0	0		0					
Loans	-724	1,050	-644	-490	-807	137	-797	2,064	366	1,771 68	680 5,538	694	1,303	8,214		226	-610	1,658	1,937 1,	1,461 -326	-893
Loans - long term	-589	435	-643	-340	-1,136	187							1,300	8,200		402					
Central Bank	0	0	0	0	0	0	0					0	0	0		0					
Deposit taking except Central Bank	ကု	8-	ကု	-79	-165	-82							448	270		-198					
General Government	-132	-42	-117	88	-253	94							424	5,651		77					
Other sectors	-454	222	-523	-299	-718	178							427	2,029		522					
Loans - short term	-135	615	T	-150	329	-20							2	14		154					
General Government	0	0	0	0	0	0				0		0	0	0		0	0	0	0		0
Deposit taking except Central Bank	0	0	0	0	0	0							0	0		က	-				
Other sectors	-135	615	7	-150	329	-20	-100						2	14		151	-150				
Insurance, pension, standardised guarantees	0	0	0	0	0	0							0	0		0					
Trade Credits and Advances	-154	4	-12	-689	-850	127	-120	26	112	145	16 -71	266	137	317		799	1,405	1,029	5,167 2,		3,025
Central Bank	0	0	0	0	0	0	0		0		0	0	0	0		0					
Deposit taking except Central Bank	2	80	φ	ကု	0	_	7		-2	0	_	7	2	22		4	φ	2	0		0
General Government	0	0	0	0	0	0	0		0		0		0	0		0	0				
Other sectors	-156	-4	4-	-686	-820	126	-127		114				133	312		7,660			2		3,025
Other Accounts Payable	-10	-443	-64	-24	-541	47	-15	-53	-	-19	11 42	22	39	92	-26	0	-41	-45	-113	102 533	
Special Drawing Rights	0	0	0	0	0	0	0	0	0	0	0	ന്	0	3,938	0	0					0
(P) Provisional, except for the reserve assets.																					

Table IV.I (a) International investment position - N\$ million	I inve	stme	int pos	sition	<b>S</b> Z -	millior	-														<u>@</u>	
FOREIGN ASSETS 1. Direct investment 4.1 Emily and investment fund above	186,978	185,961	188,214	181,363	181,363	180,843	196,525 18,192 11,28.9	197,432	197,291	197,291 2	209,499 2 15,379 0	209,990 2	213,625 15,089	214,780 2 16,514	214,780 208, 16,514 15	208,002 206, 15,198 16,	206,329 205,348 16,849 18,381	348 212,665 ,381 17,543	65 212,665 43 17,543	35 228,654 13 18,160	13,828 13,828	241,484 13,956
1.1.2. Direct Investor in Direct Investor in Direct Investor in Direct Investor in Direct Investor Reverse) 11.2. Direct Investor in Direct Investor Reverse) 11.3. Between Fellow enterprises (Less than 10%)	8,964	9,223	10,265	10,145	10,145	12,128																_
1.2. Debt instruments 1.2. Direct Investor in Direct Investment enterprise 1.2. Direct Investor in Direct Investment enterprise 5. Direct Investment enterprise in Direct Investor (Reverse) Short term 1.2.3. Between Fellow enterprises (Less than 10%) Short term Short term	4,989 4,989 4,359 116 105 255 20	5,339 4,951 711 4,240 133 27 27 105 255	5,690 5,317 797 4,520 106 0 105 267 267	5,376 5,021 794 4,227 105 - 105 250 19	5,376 5,021 794 4,227 105 - 105 250 19	6,780 6,644 1,278 5,366 105 105 105	6,804 6,669 1,421 5,248 105 105 105	6,841 6,706 1,509 5,197 105 105 30	6,221 6,086 1,512 4,573 105 - 105 30	6,221 6,086 1,512 4,573 105 - 105 30	5,812 5,676 1,472 4,205 105 - 105 30	5,215 5,080 1,481 3,599 105 105 30	4,941 1,613 3,328 105 0 105 30 19	5,237 5,101 2,106 2,996 105 0 105 30 19	5,237 4 5,101 4 2,106 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4,726 5, 4,591 5, 1,784 2 2,807 3 105 0 105 30 105 19	5,432 5,5,297 2,129 3,168 3,168 105 0 105 30 105	5,925 7,925 7,383 7,543	5,874 5,874 5,874 2,232 2,332 3,412 3,412 105 105 105 124 124 124	74 5,992 44 5,829 32 2,229 112 3,600 105 0 105 0 105 25 25 58	3,640 9 3,487 2,420 0 1,067 105 0 0 0 0 0 0 8 488	3,525 3,525 2,568 957 105 0 105 20
Long term 2. Portfolio investment 2.1. Equity and investment fund shares	235 122,652 100,385	236 122,779 100,200	248 125,230 101,746	231 124,485 100,446	231 124,485 100,446	11 116,187 88,485	11 129,675 98,252	11 127,710 87,538	11 130,453 89,165	11 130,453 89,165	11 127,222 85,762	11 121,463 87,038		11 120,404 88,735	11 120,404 88,735 82,	110,687 106, 82,790 80,	11 11 106,569 103,046 80,337 78,101	11 046 101 84,347	₩ ₩	1 55 118,096 47 90,581	130,809	130,452
i) Central Bank ii) Depost Laking except Central Bank iii) Depost Laking except Central Bank iii) General Government iv) Other Sectors 2.2 Debt Securities	100,385	100,200	101,746	100,446	100,446	- - 88,485 27.702	98,252	87,538	- - 89,165 41,289	- 89,165 41,289	- - 85,762 41 459	87,038 34 425	- - - 86,177 35,233	88,735	- - 88,735 31 669 27	82,790 80,	- - 80,337 78,	- 321 - 321 78,101 84,026 24,944 26,408	321 321 26 84,026	21 354 26 90,226	- 385 4 385 6 95,222 5 35,202	376 90,859
i) Central Bank ii) Depos thading accept Central Bank iii) General Covenment iii) Central Covenment iv) Other Sectors	780	762	876 - 22,608	792 - 23,247	792	937	856 - 30,567	847 39,325	833 40,455	833	961	865 33,560										
3. Financial derivatives and employee stock options, net	377	346	243	379	379	354	346	257	633	633	443	262	116	101	101	102	183	204	115 1	15 24!	5 222	201
4. Other investment 4.1. Other Equity 4.2. Currency and Deposits	17,051	14,841	14,519	12,037	12,037	12,420	16,552	18,949	11,166	18,863	31,782	31,816	31,133	33,892	33,892 41,	41,263 36,	36,766 35,7	35,740 36,693 24,904	93 36,693	43,822 - - 31,700	42,782	43,123
i) Central Bank ii) Depost taking except Central Bank iii) Ceneral Covernment iii) Ceneral Covernment iv) Other Sectors	4,561 5,163	5,585	5,468	4,445	4,445	4,611		8,682 3,234	8,203 2,963	8,203 - 2,963	9,934	8,750 4,230	8,429	9,468		<u> </u>	,				_	κ, ··
4.3. Loans Short term - Loans i) Central Bank ii) Deposit taking except Central Bank	3,467 1,206 1,206	3,376 1,169 - 1,169	4,003 1,786 1,786	3,343 1,130 1,130	3,343 1,130 1,130	3,110 944 - 944	3,798 1,710 - 1,710	3,744 1,082 1,082	3,792 1,208 - 997	3,792 1,208 - 997	3,862 1,330 - 1,118	5,055 1,783 - 1,571	4,449 1,978 - 1,766	4,323 2,157 - 1,946	2,157 2, 2,157 2, 1,946 1,	2,165 2, 2,165 2, 1,944 1,	2,186 2,2 2,186 2,2 1,947 1,9	2,769 1,2 2,236 3 1,954	1,204 1,204 330 330 65	30 22 65 22		
ii) General Covernment iv) Other Sactors Long term - Loans i) Central Bay xcept Central Bank iii) Deposit taking xcept Central Bank iii) Central Covernment iii) Central Central Central Central Central Central Central Cen	2,261	2,207	2,217	2,213 2,213 2,213	2,213 2,213 2,213	2,166 2,166		2,662	212 2,584 0 2,512	212 2,584 0 2,512	2,532 2,532 2,445	212 3,272 0 3,245	2,471 2,471 0 2,415	212 2,165 0 2,105	212 2,165 2,105 2,105	220 2,199 2,127	239 2 431 8 0 0 377 4	282 2 533 8 448 6	265 26 874 87 0 0 532	265		240 1,078 0 619 0
4.4. Insurance, pension, standardised guarantees 4.5. Trade Credits and Advances	1,087	1,152	1,204	1,018	1,018	- 66	_	1,065	1,192	1,192	1,227	1,239	1,032	1,046								
Short learn I) Central Bank II) Deposit biking except Central Bank III) Deposit biking except Central Bank III) Obners dovernment Iv) Others Sectors Long Term I) Central Bank II) Deposit taking except Central Bank III) Deposit taking except Central Bank III) Deposit aking except Central Bank III) Obners Sectors	780,1 0 0 0 0 0 0	1,152 0 0 1,152 0 0	1,204 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	70000000000000000000000000000000000000	7000800008 700008	8/7 120 120 120	94. 0 0 0 44. 0 0 0 0 88.	<u>4</u> 0004£	80,1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80,1 0 0 0 4 80,1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,204 0 0 35 35 0 0 0 35	,,002 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u> </u>	99 0 0 0 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24	1,087 1,087 1,087 1,2 1,2			,720 0 0 0 0 0 0 0 0 55 23 0 0 0 0 0 0 0 0 0 0	3300008	33000338
4.6. Other Accounts Receivable 5. Reserve Assets 5.1. Monetany orights 5.2. Special drawing rights 5.3. Reserve position in the MF 5.4. Other reserve assets	2,773 32,574 0 56 0 32,518	2,346 33,434 0 47 0 33,387	2,173 32,266 0 49 0 32,217	2,407 28,941 0 34 0 28,907	2,407 28,941 0 34 0 0 28,907	2,103 32,974 0 37 0 32,937	ه ه ه	2,224 32,666 0 33 0 32,633	2,714 31,752 0 28 0 31,723	2,714 31,752 0 28 0 31,723	34,674 0 28 0 34,646	12,541 41,836 0 27 0 41,809	45,876 0 3,938 0 0 41,939			45 3 42	4 4 43,	4 4	4 4 43		5. 4	. 6

Table IV.I (b) International investment position - N\$ million

This control of the	<u>@</u>	237,139 249,024 151,199 160,165 68,627 75,685	68,627	82,571	24,378 25,662 2,726 2,697 21,653 22,964 29 29		17,587		16,924 - 2,372 14,552	480 373 67,874 70,898 12 913 12 965	12,913	39,833 39,675	465	679 679 22,993 22,994 15,697 15,444	- 9	6,468 9,491	6,463 9,486		815 919
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,												40	38						275 387
No. 100   Co.	90											38							275
Column   C												37,							1074 684
Column   C	-	191,836	20,961	64,775	20,433 2,826 17,607 29	29 44,313 294	15,101	090	14,451 - 1,523 12,928	134 60,865	13,216	36,508	602	1,426 17,786 16,693	3 336	3,336	3,329		1521
Columbia	2021											98	35					331	
Column	2021(p) 03   04	23										34,558				1,779	0 - 1,778		1 111
Column	00								2 - 5			33							1850 1891
Fig. 1979											ı,	78	27						1000
Color	_	39										33	2						1050
Perence of the control of the contro	_											29	28						1 001
Otherwise   Colored   Co	Б —											30,		- £ £					1878
Per Control of the co	_	,755 ,427										5							1000
Off 100,000	_	168,253 98,366 43,860	43,860	54,506				938	24,063 - 1,716 21,847 500			29,412	1,217			4,009		295	
(Reverse)	_											<u>۳</u>						289 292	
1.0 Potes (National ITES) 1.0 Potes (Investment 11 Equity and investment 11.1. Drect Investment 11.2. Drect Investment 11.2. Drect Investments 11.3. Between Fellor (11.2. Drect Investments 12.1. Direct Investments 12.1. Direct Investment 12.2. Drect Investment 12.2. Drect Investment 12.2. Drect Investment 12.3. Deventment Investment 13.3. Deventment Investment 13.3. Deventment Investment Investme		OREIGN LABILITIES 170  Direct investment fund charse 4.3	stment enterprise in Direct Investor (Less than 10%)		or in Direct Investment enterprise ment enterprise in Direct Investor (Reverse)	Short term Long term Long term 1.2.3 Between Fellow enterprises (Less than 10%) 1.2.3 Leterm	t tment find shares		svoept Central Bank ment	S. Financial derivatives and employee stuck options net     4. Other investment     4. Li Other dunit     4. Chreve can be a consistent     4. Chreve quality of the consistent     4. Chreve can be a consistent	Central Bank		except Central Bank nment	except Central Bank nment	ised guarantees			ii) Deposit taking except Central Bank iii) General Government iv) Other Sectors	Davable

### Table IV.J Foreign exchange rates Namibia Dollar per foreign currency unit Period averages

	ui a al	US	UK	EU	Botswana	Switzerland	Chinese	IMF
Pei	riod	Dollar	Pound	Euro	Pula	Franc	Yuan	SDR
2019	Jan	13.8615	17.8602	15.8354	1.3173	14.0175	2.0427	19.3164
	Feb	13.7956	17.9409	15.6564	1.3126	13.7751	2.0470	19.2366
	Mar	14.3831	18.9540	16.2540	1.3434	14.3642	2.1425	20.0161
	Apr	14.1544	18.4615	15.9108	1.3297	14.0637	2.1071	19.6380
	May	14.4370	18.5227	16.1472	1.3411	14.2865	2.1034	19.9308
	Jun	14.5665	18.4726	16.4554	1.3511	14.7399	2.1109	20.1998
	Jul	14.0466	17.5188	15.7621	1.3221	14.2263	2.0424	19.3979
	Aug	15.1423	18.3922	16.8412	1.3738	15.4547	2.1438	20.7928
	Sep	14.8485	18.3143	16.3519	1.3570	14.9901	2.0861	20.3076
	Oct	14.9065	18.8173	16.4707	1.3623	15.0004	2.1006	20.4618
	Nov	14.8036	19.0784	16.3647	1.3591	14.9097	2.1091	20.3484
	Dec	14.4357	18.9113	16.0424	1.3431	14.6797	2.0567	19.9136
2020	Jan	14.3972	18.8191	15.9848	1.3408	14.8417	2.0800	19.8771
	Feb	15.0153	19.4722	16.3845	1.3648	15.3852	2.1455	20.5227
	Mar	16.6611	20.5953	18.4078	1.4437	17.3701	2.3672	22.6523
	Apr	18.5760	23.0370	20.1753	1.5263	19.1321	2.6251	24.7198
	May	18.1426	22.2817	19.7631	1.5031	18.6947	2.5521	24.6864
	Jun	17.1332	21.4585	19.2866	1.4639	18.0029	2.4179	23.6296
	Jul	16.7714	21.2216	19.2132	1.4492	17.9456	2.3919	23.3361
	Aug	17.2308	22.6284	20.3815	1.4797	18.9302	2.4876	24.2978
	Sep	16.7158	21.7036	19.7274	1.4522	18.2921	2.4545	23.6219
	Oct	16.4613	21.3711	19.3719	1.4370	18.0379	2.4469	23.2577
	Nov	15.5487	20.5315	18.4020	1.3940	17.0745	2.3547	22.0960
	Dec	14.9058	20.0169	18.1360	1.3675	16.7622	2.2785	21.5374
2021	Jan	15.1255	20.6217	18.4142	1.3774	17.0625	2.3375	21.8149
	Feb	14.7521	20.4488	17.8488	1.3538	16.4413	2.2841	21.2605
	Mar	14.9867	20.7782	17.8394	1.3564	16.1236	2.3026	21.3900
	Apr	14.4079	19.9454	17.2497	1.3252	15.6355	2.2102	20.5812
	May	14.0602	19.7958	17.0799	1.3102	15.5745	2.1867	20.2429
	Jun	13.9167	19.5195	16.7702	1.2969	15.3252	2.1662	19.9757
	Jul	14.5329	20.0609	17.1798	1.3183	15.8253	2.2448	20.6595
	Aug	14.7890	20.4093	17.4096	1.3275	16.1813	2.2835	21.0523
	Sep	14.5323	19.9714	17.1126	1.3114	15.7591	2.2507	20.6745
	Oct	14.8587	20.3348	17.2398	1.3194	16.0887	2.3141	20.9959
	Nov	15.5126	20.8729	17.7016	1.3425	16.8252	2.4283	21.7454
	Dec	15.8695	21.1168	17.9323	1.3536	17.2310	2.4919	21.9767
2022	Jan	15.4912	21.0078	17.5419	1.3338	16.8637	2.4377	21.6915
	Feb	15.2134	20.6014	17.2535	1.3182	16.4899	2.3978	21.3276
	Mar	14.9786	19.7306	16.5106	1.2945	16.1131	2.3611	20.7306
	Apr	14.9538	19.3778	16.2068	1.2808	15.8836	2.3283	20.5056
	May	15.9011	19.7913	16.8161	1.3098	16.2286	2.3720	21.3378
	Jun	15.7713	19.4668	16.6981	1.2991	16.2826	2.3564	21.1399
	Jul	16.8427	20.1994	17.1608	1.3319	17.3736	2.5014	22.1893
	Aug	16.6845	19.9995	16.8906	1.3201	17.4340	2.4523	21.9490
	Sep	17.5498	19.9039	17.3932	1.3407	18.0315	2.4998	22.6329
	Oct	18.1226	20.4527	17.8212	1.3558	18.2105	2.5190	23.2244
	Nov	17.4796	20.5185	17.8256	1.3375	18.1026	2.4354	22.8632
	Dec	17.2817	21.0518	18.2785	1.3411	18.5314	2.4761	23.0248
2023	Jan	17.0875	20.8920	18.4177	1.3394	18.4905	2.5169	22.9573
	Feb	17.8856	21.6267	19.1750	1.3681	19.3496	2.6169	23.9574
	Mar	18.2693	22.1666	19.5627	1.3811	19.7418	2.6482	24.4238
	Apr	18.1764	22.6182	19.9258	1.3823	20.2349	2.6386	24.5309
	May	19.0527	23.7729	20.7055	1.4121	21.2373	2.7259	25.5562
	Jun	18.7560	23.6622	20.3121	1.3941	20.8110	2.6171	25.0289
	Jul	18.1841	23.4186	20.1032	1.3749	20.8120	2.5293	24.4729
	Aug	18.7538	23.8265	20.4573	1.3901	21.3427	2.5847	25.0089
	Sep	18.9784	23.5507	20.2815	1.3892	21.1456	2.6007	25.0347
	Oct	19.0508	23.1843	20.1268	1.3865	21.0788	2.6068	24.9997
	Nov	18.5379	23.0010	20.0259	1.3710	20.7862	2.5650	24.5358
		'			•		•	

Source: SARB

Table IV.K Effective exchange rate indices<sup>1</sup>

		Nominal	effective excha	ange rate		Real effect	ive exchange r 2015=100	ate indices
				Total				Total
		Import	Export	trade		Import	Export	trade
2019	Jan	weighted 92.7	weighted 86.0	weighted 98.0		weighted 98.4	weighted 96.0	weighted 106.2
2010	Feb	93.6	86.8	98.2		98.5	96.3	105.2
	Mar	93.0	84.8	96.4		97.4	93.8	103.3
	Apr	93.6	85.8	97.1		97.8	94.8	103.9
	May	93.7	85.5	96.7		97.5	94.3	103.2
	Jun	93.6	85.1	96.2		97.2	93.7	102.4
	Jul	94.4	86.9	97.8		98.2	95.9	104.3
	Aug Sep	93.3 93.8	83.9 85.3	95.3 96.4		96.7 97.3	92.3 93.8	101.3 102.5
	Oct	93.6	85.0	96.1		97.1	93.4	102.3
	Nov	93.6	85.0	96.2		97.2	93.6	102.4
	Dec	94.5	86.5	97.2		97.8	94.9	103.0
2020	Jan	94.1	86.0	97.1		97.8	94.8	103.4
	Feb	93.8	84.7	95.8		97.0	93.0	101.6
	Mar	91.8	79.5	91.9		94.5	87.3	97.3
	Apr May	89.9 89.6	75.3 75.8	88.5 89.3		92.4 92.9	82.3 83.5	93.2 94.9
	Jun	90.6	73.6 77.6	90.9		93.9	85.7	96.7
	Jul	91.5	77.0	91.3		94.1	86.2	96.6
	Aug	90.6	76.3	89.8		93.2	84.0	95.1
	Sep	91.0	77.3	90.6		93.8	85.3	96.1
	Oct	91.4	77.9	91.1		94.1	85.9	96.5
	Nov	92.3	79.8	92.9		95.2	88.4	98.8
	Dec	93.1	81.4	94.0		95.9	89.9	99.9
2021	Jan	92.1 93.0	80.0 81.3	93.1 94.1		95.5 96.1	88.7 90.2	99.4 100.5
	Feb Mar	92.9	81.1	94.1		96.0	90.2	100.3
	Apr	94.2	83.4	95.7		97.0	92.3	101.8
	May	94.4	84.0	96.2		97.3	93.1	102.5
	Jun	94.5	84.5	96.7		97.7	93.9	103.4
	Jul	94.5	83.3	95.4		96.9	92.0	101.4
	Aug	94.6	82.9	94.8		96.5	91.2	100.2
	Sep Oct	94.9 94.9	83.7 83.2	95.4 94.8		96.9 96.6	92.1 91.2	101.0 99.8
	Nov	93.9	81.3	93.3		95.6	89.1	98.3
	Dec	93.6	80.3	92.6		95.2	88.1	97.5
2022	Jan	93.4	81.0	93.4		95.7	89.4	99.1
	Feb	94.1	82.2	94.1		96.2	90.3	99.6
	Mar	95.1	83.8	95.2		96.9	91.9	100.5
	Apr	94.9	84.1	95.7		97.2	92.7	101.6
	May Jun	94.7 94.5	83.2 83.2	94.3 94.6		96.3 96.5	90.8 91.3	99.3 100.2
	Jul	93.1	80.5	92.8		95.4	88.8	98.7
	Aug	94.5	82.1	93.4		95.8	89.6	98.4
	Sep	93.9	80.9	92.3		95.1	88.1	97.0
	Oct	93.9	80.4	91.6		94.7	87.2	95.9
	Nov	93.9	80.8	92.4		95.2	88.3	97.3
0000	Dec	93.7	80.1	92.1		94.9	87.5	97.0
2023	Jan Feb	92.5 91.9	78.9 77.2	91.9 90.5		94.9	87.2 85.2	97.8 96.1
	Heb Mar	91.9	77.2 76.5	90.5 89.8		94.0 93.6	85.2 84.3	95.3
	Apr	91.8	76.3 76.4	89.7		93.5	84.1	95.3
	May	91.1	74.9	88.4		92.7	82.3	93.6
	Jun	91.3	75.8	89.3		93.2	83.6	94.9
	Jul	91.3	76.2	90.2		93.7	84.8	96.3
	Aug	91.9	76.0	89.4		93.2	83.8	94.6
	Sep	91.8	75.9	89.3		93.2	83.8	94.7
	Oct	91.8	75.7	89.4 89.9		93.2	83.8	95.0 96.1
	Nov	91.7	75.8	89.9	I	93.6	84.6	96.1

The currencies included (with their respective weights )in the total trade weighted basket are as follows: ZAR (0.52), Pula (0.08), Euro (0.14), United Arab Emirates Dirham (0.04), Indian Rupee (0.05), Chinese Yuan (0.14) and USD(0.03).

Table IV.L International foreign exchange reserves stock (including valuation adjustment) (N\$ million)

	2019	2020	2021	2022	2023
January	30,666.7	30,961.1	34,372.2	43,291.7	45,759.7
February	31,637.6	32,168.7	32,355.7	43,020.8	47,368.5
March	32,574.0	32,973.9	34,673.5	40,751.4	48,331.0
April	34,158.3	35,548.5	41,167.0	43,017.4	51,768.0
May	34,124.6	33,743.2	39,008.0	43,896.7	49,695.4
June	33,433.6	31,759.0	41,836.3	45,962.1	52,988.2
July	35,179.2	35,399.6	42,696.1	49,239.2	54,194.8
August	33,425.1	33,384.8	44,927.2	46,994.6	55,635.8
September	32,266.1	32,665.8	45,876.4	47,976.9	53,752.1
October	32,469.7	34,353.8	47,894.9	44,773.6	51,379.6
November	29,752.4	30,517.7	41,027.9	43,387.0	50,613.0
December	28,940.9	31,751.7	43,868.6	47,558.0	

Table IV.M Selected minerals monthly average prices

			U\$ Per Metric Tonne		US\$ Per Ounce	US\$ Per Pound
		Copper	Lead	Zinc	Gold	Uranium
2019	Jan	5,939.1	1,997.1	2,569.7	1,291.8	28.9
	Feb	6,300.5	2,062.8	2,707.2	1,320.1	28.0
	Mar	6,439.5	2,046.5	2,850.6	1,300.9	25.3
	Apr	6,438.4	1,939.0	2,932.7	1,285.9	25.2
	May	6,017.9	1,815.2	2,742.8	1,283.7	24.1
	Jun	5,882.2	1,819.7	2,601.2	1,359.0	24. 24.6
	Jul		· ·			
		5,941.2	1,975.6	2,446.5	1,412.9	25.4
	Aug	5,709.4	2,044.6	2,273.0	1,500.4	25.3
	Sep	5,759.3	2,071.9	2,331.6	1,510.6	25.7
	Oct	5,757.3	2,184.1	2,451.7	1,494.8	24.3
	Nov	5,860.0	2,021.2	2,425.5	1,470.8	26.
	Dec	6,077.1	1,900.5	2,272.5	1,479.1	24.9
2020	Jan	6,031.2	1,923.9	2,354.3	1,560.7	24.6
	Feb	5,687.8	1,872.5	2,113.2	1,597.1	24.8
	Mar	5,182.6	1,734.4	1,903.6	1,591.9	27.4
	Apr	5,058.0	1,657.6	1,903.4	1,683.2	33.3
	May	5,239.8	1,626.3	1,975.3	1,715.9	33.9
	Jun	5,754.6	1,744.8	2,025.7	1,732.2	32.8
	Jul	6,372.5	1,817.9	2,177.2	1,846.5	32.5
	Aug	6,498.9	1,935.7	2,410.1	1,968.6	30.9
	Sep	6,704.9	1,872.9	2,442.5	1,921.9	29.9
	Oct	6,713.8	1,776.3	2,440.7	1,900.3	29.7
	Nov	7,068.9	1,915.6	2,671.6	1,866.3	29.7
	Dec	7,772.2	2,020.5	2,733.5	1,858.4	30.2
2021	Jan	7,972.2	2,014.7	2,705.3	1,867.0	29.6
	Feb	8,470.9	2,080.1	2,744.5	1,808.2	28.0
	Mar	8,988.3	1,948.0	2,791.9	1,718.2	31.0
	Apr	9,324.8	2,011.9	2,829.0	1,760.0	28.9
	May	10,162.0	2,181.8	2,965.7	1,850.3	31.4
	Jun	9,631.5		2,951.9	1,834.6	32.3
	Jul	9,450.8	2,191.0 2,337.5	2,931.9 2,947.5	1,807.8	32.4
		1	,	-	1,785.3	
	Aug	9,370.1	2,414.5	2,988.0	·	34.3
	Sep	9,324.7	2,248.3	3,036.0	1,775.1	42.6
	Oct	9,829.2	2,344.8	3,359.9	1,776.9	45.2
	Nov	9,728.9	2,330.0	3,311.3	1,821.8	45.8
	Dec	9,551.2	2,301.7	3,399.2	1,790.4	42.
2022	Jan	9,782.3	2,331.9	3,599.1	1,816.0	43.
	Feb	9,943.2	2,296.9	3,620.0	1,856.3	48.8
	Mar	10,230.9	2,344.8	3,962.2	1,947.8	58.2
	Apr	10,161.4	2,380.4	4,360.4	1,936.9	53.0
	May	9,377.2	2,142.5	3,751.5	1,848.5	47.8
	Jun	9,024.5	2,066.4	3,629.7	1,836.6	49.8
	Jul	7,544.8	1,985.2	3,105.4	1,732.7	47.8
	Aug	7,981.8	2,072.7	3,587.6	1,764.6	51.3
	Sep	7,746.0	1,870.1	3,125.0	1,680.8	48.4
	Oct	7,651.1	1,999.9	2,967.2	1,664.5	52.3
	Nov	8,049.9	2,100.0	2,938.9	1,725.1	49.9
	Dec	8,375.4	2,216.5	3,129.5	1,797.6	47.7
2023	Jan	9,038.0	2,201.3	3,309.8	1,897.7	50.6
	Feb	8,936.6	2,093.1	3,133.8	1,854.5	50.9
	Mar	8,856.3	2,115.2	2,967.5	1,912.7	50.
	Apr	8,809.4	2,149.4	2,767.6	1,999.8	52.
	1	8,217.5	· ·	2,475.7	1,999.8	52.: 54.i
	May	· ·	2,083.6	· ·		
	Jun	8,396.5	2,122.9	2,375.5	1,942.9	56.°
	Jul	8,476.7	2,109.1	2,404.7	1,951.0	56. <sub>4</sub>
	Aug	8,349.1	2,153.8	2,406.7	1,918.7	59.9
	Sep	8,276.7	2,252.1	2,495.5	1,916.0	71.6

Source: The Word Bank, IMF and Cameco

**Table IV.N Selected mineral export volumes** 

		Diamonds	Gold	Copper	Zinc
		Carat '000	Kg	Tonnes	Tonnes
2019	Q1	387	1,549	13,508	66,958
	Q2	301	1,504	12,485	38,029
	Q3	364	1,916	9,252	53,413
	Q4	451	1,967	9,664	35,296
2020	Q1	288	1,644	12,660	37,980
	Q2	329	1,862	12,520	26,242
	Q3	191	1,820	11,257	17,797
	Q4	385	1,555	9,919	21,199
2021	Q1	166	1,235	5,401	21,659
	Q2	323	1,116	13,706	21,167
	Q3	301	2,194	12,524	19,601
	Q4	466	2,812	11,431	21,017
2022	Q1	215	1,930	10,155	19,361
	Q2	487	1,494	4,917	17,223
	Q3	336	1,583	13,803	21,159
	Q4	658	2,242	8,012	21,650
2023	Q1	375	2,509	9,504	21,366
	Q2	547	1,985	8,545	19,830
	Q3	585	2,267	4,507	9,086

Source: BoN surveys

## **BANK OF NAMIBIA PUBLICATIONS**

### 1. REGULAR PUBLICATIONS

Title	Frequency
Financial Stability Report	Annually
Quarterly Bulletin	Quarterly
Annual Report	Annually
Economic Outlook	Three times a year

#### 2. OCCASIONAL PAPERS OF THE BANK OF NAMIBIA - OP

Title	Authors	No and Year
Modeling Inflation in Namibia	Mihe Gaomab II	OP/1998
Estimating the Demand for Money in Namibia	Silvanus Ikhide and Kava Katjomuise	OP 01/1999
Savings and Investment in Namibia	lpumbu Shiimi and Gerson Kadhikwa	OP 02/1999
Efficiency of Commercial Banks in Namibia	Silvanus Ikhide	OP 01/2000
Potential for Diversifying Namibia's Non- Mineral Exports	Bernie Zaaruka and Heinrich Namakalu	OP 01/2002
The Structure and Nature of Savings in Namibia	Ebson Uanguta, Emma Haiyambo, Gerson Kadhikwa and Chimana Simana	OP 01/2004
Viability of Commercial Bank branches in rural communities in Namibia	Esau Kaakunga, Bernie Zaaruka, Erna Motinga and John Steytler	OP 02/2004
Namibia Macro-econometric Model	Tjiveze Tjipe, Hannah Nielsen and Ebson Uanguta	OP 01/2005
Private Equity: Lessons for Namibia	Bernie Zaaruka, Ebson Uanguta and Gerson Kadhikwa	OP 02/2005
Property Rights and Access to Credit	Esau Kaakunga and Vitalis Ndalikokule	OP 01/2006
How can Namibia Benefits further from AGOA	Vitalis Ndalikokule, Esau Kaakunga and Ben Biwa	OP 02/2006
Assessing the potential of the Manufacturing sector in Namibia	Gerson Kadhikwa and Vitalis Ndalikokule	OP 01/2007
Unleashing the Potential of the Agricultural Sector in Namibia	Postrick Mushendami, Ben Biwa and Mihe Gaomab II	OP 01-2008
The Viability of Export Credit Guarantee and Insurance Scheme	Bernie Zaaruka, Ebson Uanguta and Postrick Mushendami	OP 02-2008
Enhancing the role of factoring and leasing companies in providing working capital to Small and Medium Enterprises (SMEs) in Namibia	Florette Nakusera, Gerson Kadhikwa and Postrick Mushendami	OP 03-2008
Investigating the role securitisation could play in deepening the financial sector in Namibia	Postrick Mushendami and Kennedy Kandume	OP 04-2008

### 3. RECENT WORKING PAPERS OF THE BANK OF NAMIBIA

Title	Authors	No. Year
An Empirical Analysis of the Sustainability of Namibia's Current Account	Victoria Manuel, Joel Hinaunye and Eita Erwin Naimhwaka	WP1- 2018
Output Gap and its Determinants: Evidence for Namibia	Emmanuel Ziramba, Bernie Zaaruka, Johanna Mumangeni, Charlotte Tjeriko and Jaungura Kaune	WP2 - 2018
The Impact of Financial Innovation on the Demand for Money and its Implications for Monetary Policy in Namibia	Daisy Mbazima-Lando and Victoria Manuel	WP1- 2020
Asymmetric Determinants of Money Demand in Namibia: The Nardl Approach	Victoria Manuel, Joel Hinaunye Eita, Daisy Mbazima-Lando and Erwin Naimhwaka	WP2- 2020
Macro-Stress Testing NPLs in the Banking Sector in Namibia: A VAR approach	Anna William, Gerson Kadhikwa, Postrick Mushendami and Reinhold Kamati	WP3-2020
An Evaluation of the Monetary Policy Transmission Mechanism in Namibia	Daisy Mbazima-Lando, Victoria Manuel, Erwin Naimhwaka and Florette Nakusera	WP1- 2021
Effects of Government Expenditure on Foreign Exchange Reserves: Evidence for Namibia	Victoria Manuel, Daisy Mbazima-Lando, and Erwin Naimhwaka	WP2- 2021

# 4. RESEARCH PAPERS PUBLISHED IN PEER REVIEW JOURNALS

Title	Authors	Year	Link to Journals
Exchange rate pass through to Inflation in Namibia	Postrick Mushendami and Heinrich Namakalu	2016	http://globalbizresearch.org/ economics/
Empirical Analysis of the Monetary Approach to the Balance of Payment in Namibia	Florette Nakusera, Postrick Mushendami, Hileni Shifotoka and Victoria Manuel	2017	http://globalbizresearch.org/ emergingmarkets/issues. php?id=243
Macroeconomic variables and the Current Account balance in an open economy: Evidence from Namibia	Joel H. Eita, Victoria Manuel and Erwin Naimhwaka	2019	https://journals.co.za/content/ journal/10520/EJC-18882974d0
The Impact of Fiscal Deficit on Inflation in Namibia	Joel Hinaunye Eita, Victoria Manuel, Erwin Naimhwaka and Florette Nakusera	2021	The Impact of Fiscal Deficit on Inflation in Namibia (sciendo.com)
Macro-Stress Testing NPLs in the Banking Sector in Namibia	Reinhold Kamati, Anna William, Gerson Kadhikwa, Postrik Mushendami	2022	https://ojs.umt.edu.pk/index.php/ eer/article/view/1048
Effects of Government Expenditure on Foreign Exchange Reserves: Evidence for Namibia	Victoria Manuel, Daisy Mbazima-Lando, Erwin Naimhwaka	2023	https://www.econjournals. com/index.php/ijefi/article/ view/13525/7099

## **5. BANK OF NAMIBIA DISCUSSION NOTES**

Title	Authors	Report and year
Understanding FDI Profitability in Namibia: Reinvestment or Repatriation?	Jaungura Kaune and Brian Mbazuvara	June QB 2020
The Revision of Namibia's NEER and REER	Research and Financial Sector Development Department	September QB 2020
The Impact of the COVID-19 Pandemic on the Tourism Industry	Brian Mbazuvara, Jaungura Kaune, Christian Phillipus and Metilda Ntomwa	Annual Report 2020
Has Namibia's Export Benefited from the Recent Surge in International Commodity Prices?	Metilda Ntomwa, Brian Mbazuvara, Jaungura Kaune, Saara Kashaka and Mukela Mabakeng	December QB 2021
A Review of the Impact of the Russia- Ukraine War on Namibia's Import, from the perspective of the three F's - Fuel, Food and Fertilizers	Metilda Ntomwa, Jaungurai Kaune, Veisiua Karuuombe and Brian Mkazuvara	June QB 2022
Enhanced Benchmark levels for Namibia's Foreign Liabilities and Assets	Research and Financial Sector Development Department	December 2022
Note on the revision of Namibia's Nominal and Real Effective Exchange Rate Indices	Research and Financial Sector Development Department	September 2023

## 6. BANK OF NAMIBIA ANNUAL SYMPOSIUM

Theme	Speakers	Year
	·	
SME promotion and support in Namibia	Dr. Christoph Stork; Mr. Neil Ramsden; Mr. Herbert Jauch – Independent Labour Consultant, Dr Rob Smorfitt and Mr. David Nuyoma – Development Bank of Namibia	2010
Housing in Namibia– has the situation changed 21 years after Independence?	Mr. Ebson Uanguta – Bank of Namibia, Dr. Mark Napier – Urban Land Mark, Prof. A.C. Mosha – University of Botswana, Ms. Kecia Rust – FinMark Trust	2011
Unlocking the Economic Potential of Communal Land	Dr. John Mendelsohn – Independent Researcher; Dr. Javier Escobal - Grupo de Análisis para el Desarrollo (GRADE); Prof. Sam Moyo - African Institute for Agrarian Studies (AIAS)	2012
Social Safety Nets in Namibia: Assessing Current Programmes and Future Options.	Dr. Blessing M. Chiripanhura, Lecturer at Polytechnic of Namibia; Prof. Karl Widerquist, Associate Professor at SFS-Qatar, Georgetown University; Dr. Arup Banerji, World Bank's Global Director for Social Protection and Labour.	2013
Financing of Infrastructure for Sustainable Development in Namibia.	Ms. Florette Nakusera, Director of Research at the Bank of Namibia; Dr. Emelly Mutambatsere, Principal Regional Economist at the African Development Bank; Dr. Jeff Delmon, Senior PPP Specialist in the Africa Region of the World Bank.	2014
Reducing Unemployment in Namibia: Creating More Jobs in the Manufacturing and Tourism Sectors.	Dr. Diana van Schalkwyk, Owner and Director at Food Chain Solutions Namibia; Mr. Mannfred Goldbeck, Founding Member and Managing Director of the Gondwana Collection Namibia; Dr. Stephen Gelb, Senior Research Fellow at the Overseas Development Institute in London.	2016

### 6. BANK OF NAMIBIA ANNUAL SYMPOSIUM (CONTINUED)

Theme	Speakers	Year
Feeding Namibia: Agricultural Productivity and Industrialization	Hon. Paul Smit, Former Deputy Minister of Agriculture, Water and Forestry; Dr. Adeleke Salami, Senior Research Economist, African Development Bank; Dr. Vaino Shivute, CEO Namibia Water Corporation.	2017
Creating Employment through Technical Vocational Eduction and Training (TVET) in Namibia	Mr Richwell Lukonga, Chief Operations Officer for the Namibia Training Authority (NTA); Ms Tracy Ferrier, Independent International Consultant; Mr Alpheas Shindi, Competence-based Education and Training Expert, Dr. Jesus Felipe, Advisor to the Chief Economist, in the Economic Research and Regional Cooperation Department of the Asian Development BANK (ABD), Manila, Philippines where he has worked since 1996.	2018
Escaping the Middle - Income Trap: A perspective from Namibia	Mrs Florette Nakusera, Director of Research and Financial Stability Department and Chief Economist of the Bank of Namibia, Mr. Mathew Verghis, Practice Manager, Macroenonomics Trade and Investment for Southern Africa, Ethiopia, Sudan and South Sudan for the World Bank, Dr. Jesus Felipe, Advisor to the Chief Economist, Economic Research and Regional Cooperation Department of the Asian Development Bank (ADB), Manila, Philipines.	2019
Positioning Namibia to reap the benefits of the African Continental Free Trade Area	Ms Florette Nakusera: Director, Research & Financial Stability Department - Bank of Namibia; H.E.Dr. Vera Songwe: United Nations Under-Secretary-General and Executive Secretary of the Economic; Commission for Africa; Mr Sven Thieme: Chairperson - Ohlthaver & List; Ms Paulina Elago: Executive Director - SACU Secretariat.	2020
Namibia Beyond COVID-19: Digital Transformation for Sustainable Economic Development	Ms. Florette Nakusera, Director of Research at the Bank of Namibia, Prof. Kelvin J. Bwalya, University of Johannesburg, Dr. Bruno Lanvin – Co-founder of Portulans Institute, and INSEAD Distinguished Fellow.	2021
Maximising economic growth from renewable and non-renewable energy sources in Namibia	Dr Emma Haiyambo - Director of Research and Financial Sector Development and Chief Economist Dr. Petter Nore – Professor at the High North Centre for Business and Governance at Nord University Business School (Norway)  Mr. Anders Cajus Pedersen – Chief Regional Power Systems Officer at African Development Bank Group.	2022

# 7. STATUTORY PUBLICATION: THEME CHAPTERS ANNUAL REPORT

Title	Contributors	Year
Socio-Economic Development: The Post Independence Decade	Policy Research	2001
Challenges of Economic Diversification	Policy Research	2002
Review of Namibia's Participation in Regional Integration Arrangements: Issues and Implications	Policy Research	2003
Unemployment and Employment Creation- Policy Options for Namibia	Policy Research	2004

Viability of second tier Banks	Extraction from Banking Supervision Study	2005
The Basel Core Principles for Effective Banking Supervision	Policy Research	2007
Financial inclusion	Policy Research	2010
Enhancing Access To Finance Through An Improved Land - Tenure System In The Communal Areas Of Namibia	Policy Research	2011
Assessing Namibia's membership in the Common Monetary Area (CMA)	Policy Research	2015
The impact of the decline in commodity prices on the Namibian economy post 2008	Policy Research	2016
From Sub-investment grade to investment grade A review of international experiences and lessons for Namibia	Policy Research	2017
Establisment of a deposit guarantee scheme in Namibia	Strategic Communication and Financial Sector Development	2018
Leveraging the potential of the Service Sector to support accelarated growth in Namibia	Policy Research	2019
The impact of the covid-19 pandemic on the Namibian economy: mapping the way to recovery	Policy Research	2020
Collaborative Approaches to Policy Implementation for Digital Transformation	Policy Research	2021
Global Economy Shocks: Repositioning Namibia to cope with Adverse Effects	Policy Research	2022

## LIST OF ABBREVIATIONS

AfDB African Development Bank
AES Advanced Economies
APP Asset Purchase Programme

BIPA Business and Intellectual Property Authority

BNA Banco Nacional de Angola

BOE Bank of England
BOJ Bank of Japan
BON Bank of Namibia
BOP Balance of Payments

BPM6 Balance of Payments and International Investment Position Manual 6<sup>th</sup> Edition

CBR Central Bank of Russia
CMA Common Monetary Area
COVID-19 Coronavirus Disease of 2019

DAX Deutcher Aktienindex
DCs Depository Corporations
ECB European Central Bank
EDS External Debt Statistics

EMDEs Emerging Market and Developing Economies

EU European Union

EURO European Monetary Unit

FAO Food and Agriculture Organization

FCs Financial Corporations
FDI Foreign Direct Investment

FDIEs Foreign Direct Investment Enterprises

fob Free on board

FOMC Federal Open Market Committee

Franc Swiss Francs

FTSE100 100 Financial Times Share Index

FY Fiscal Year GB Giga Bytes

GBP Great British Pound Sterling

GC23 Government internal registered stock maturing in 2023 GC24 Government internal registered stock maturing in 2024 GC25 Government internal registered stock maturing in 2025 GC27 Government internal registered stock maturing in 2027 GC30 Government internal registered stock maturing in 2030 GC32 Government internal registered stock maturing in 2032 GC35 Government internal registered stock maturing in 2035 GC37 Government internal registered stock maturing in 2037 GC40 Government internal registered stock maturing in 2040 GC43 Government internal registered stock maturing in 2043 GC45 Government internal registered stock maturing in 2045 GC50 Government internal registered stock maturing in 2050

GDP Gross Domestic Product
GFCF Gross Fixed Capital Formation

Government inflation linked internal registered stock maturing in 2022
Gl25 Government inflation linked internal registered stock maturing in 2025
Gl29 Government inflation linked internal registered stock maturing in 2029
Gl33 Government inflation linked internal registered stock maturing in 2033
Gl36 Government inflation linked internal registered stock maturing in 2036

IP Industrial Production

IMF International Monetary Fund IRS Internal Registered Stock

JSE Johannesburg Stock Exchange

M2 Broad Money Supply
MoF Ministry of Finance
MOEX Moscow Exchange

MPC Monetary Policy Committee

MTEF Medium Term Expenditure Framework

N\$/NAD Namibia Dollar

NCPI Namibia Consumer Price Index NEER Nominal Effective Exchange Rate

NFA Net Foreign Assets

Nikkei Japan Nikkei 225 Stock Market Index

NSA Namibia Statistics Agency
NSX Namibia Stock Exchange
ODCs Other Depository Corporations

OECD Organisation for Economic Co-operation and Developement

OFCs Other Financial Corporations

OPEC Organization of the Petroleum Exporting Countries

O&L Ohlthaver & List
PBoC Peoples Bank of China

PSCE Private Sector Credit Extension
PMI Purchasing Manager Index

PVIM Production Volume Index Manufacturing

Q1 Quarter 1 Q2 Quarter 2 Q3 Quarter 3 Q4 Quarter 4

Q-on-Q Quarter on Quarter RBI Reserve Bank of India

REER Real Effective Exchange Rate

Repo Repurchase Rate

RFI Rapid Financing Instrument

RHS Right Hand Side SA South Africa

SACU Southern Africa Customs Union

SADC Southern African Development Community

SARB South African Reserve Bank SDRs Special Drawing Rights

SMEs Small and Medium-sized Enterprises

SSA Sub-Sahara Africa
S & P Standard & Poors
TBs Treasury Bills
UK United Kingdom
ULCs Unit Labour Costs
ULP 95 Unleaded Petrol 95
USA United States of America

UNCTAD United Nation Conference on Trade and Development

USD/US\$ United States Dollar
WEO World Economic Outlook

WIBAR Windhoek Interbank Agreed Rate

YEN/JPY Japanese Yen Y-on-Y Year-on-Year

RMB Chinese Yuan (Renminbi)
ZAR/Rand South African Rand



