

Quarterly Tables

Financial Markets

Q4 2022

February 16, 2023



CENTRALE BANK VAN ARUBA

Cover design:

Our golden tree, our Kibrahacha. Resilient, firmly rooted, and gives a beautiful bloom.

It offers us shade and protection if needed. When it breaks out, it displays an overwhelming yellow, illustrating a brighter and bolder future.

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Quarterly Tables Financial Markets Q4 2022

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TABLE 6.1: INTEREST RATES OF COMMERCIAL BANKS 1)

| Period | | Time deposits | | Savings deposits | Weighted average rate of interest on deposits | Loans | | | | Weighted average rate of interest on loans | Interest rate margin |
|--------|-----|---------------|-------------|------------------|---|-----------------|-------------------|------------|----------------|--|----------------------|
| | | ≤ 12-months | > 12 months | | | Individual | | Commercial | | | |
| | | | | | | Consumer credit | Housing mortgages | Mortgages | Other loans 2) | | |
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10=9-4) |
| 2019 | | 1.4 | 3.5 | 1.5 | 2.2 | 8.9 | 5.7 | 6.5 | 6.1 | 6.6 | 4.4 |
| 2020 | | 1.6 | 2.8 | 1.5 | 1.9 | 9.0 | 5.6 | 6.3 | 6.4 | 6.6 | 4.7 |
| 2021 | | 1.5 | 2.6 | 1.5 | 1.8 | 9.4 | 5.5 | 6.3 | 6.2 | 6.5 | 4.7 |
| 2022 | | 1.5 | 2.5 | 1.3 | 1.7 | 9.0 | 5.3 | 6.0 | 6.2 | 6.2 | 4.5 |
| 2020 | I | 1.6 | 2.7 | 1.5 | 2.0 | 9.2 | 5.6 | 6.5 | 6.3 | 6.8 | 4.8 |
| | II | 1.8 | 2.7 | 1.6 | 2.0 | 8.6 | 5.4 | 6.0 | 6.5 | 6.1 | 4.1 |
| | III | 1.5 | 2.9 | 1.2 | 1.7 | 9.3 | 5.5 | 6.6 | 6.2 | 6.6 | 4.9 |
| | IV | 1.5 | 3.1 | 1.7 | 1.7 | 8.8 | 5.6 | 6.3 | 6.8 | 6.7 | 4.9 |
| 2021 | I | 1.6 | 2.8 | 1.4 | 2.1 | 9.5 | 5.4 | 6.2 | 6.0 | 6.3 | 4.2 |
| | II | 1.7 | 2.8 | 1.5 | 2.0 | 9.0 | 5.5 | 6.3 | 6.3 | 6.5 | 4.6 |
| | III | 1.3 | 2.5 | 1.8 | 1.6 | 9.4 | 5.5 | 6.3 | 6.3 | 6.6 | 5.0 |
| | IV | 1.4 | 2.4 | 1.3 | 1.6 | 9.6 | 5.5 | 6.3 | 6.3 | 6.5 | 4.9 |
| 2022 | I | 1.1 | 2.3 | 1.4 | 1.3 | 9.1 | 5.5 | 5.8 | 6.5 | 6.2 | 4.9 |
| | II | 2.7 | 2.1 | 1.2 | 2.6 | 9.1 | 5.3 | 6.1 | 6.5 | 6.4 | 3.9 |
| | III | 0.6 | 2.0 | 1.2 | 0.9 | 9.2 | 5.2 | 6.0 | 6.2 | 6.2 | 5.3 |
| | IV | 1.1 | 2.8 | 1.4 | 1.6 | 8.6 | 5.2 | 6.0 | 5.9 | 6.0 | 4.4 |

1) Weighted averages related to transactions during the indicated period.

2) Including current account overdraft facilities.

3) Based on September - December figures.

TABLE 6.2 : CENTRAL BANK OF ARUBA LENDING FACILITIES (LF) RATES

| In % as of | Overnight LF (OLF) | Primary LF (PLF) | Secondary LF (SLF) | Tertiary LF (TLF) |
|------------------|-----------------------|---------------------|-----------------------|----------------------|
| August 5, 2022 | 3.04 | 3.54 | 4.04 | ≥ 5.04* |
| October 3, 2022 | 2.98 | 3.48 | 3.98 | ≥ 4.98* |
| October 10, 2022 | 2.92 | 3.42 | 3.92 | ≥ 4.92* |
| November 7, 2022 | 2.90 | 3.40 | 3.90 | ≥ 4.90* |
| January 3, 2023 | 2.87 | 3.37 | 3.87 | ≥ 4.87* |
| January 9, 2023 | 2.82 | 3.32 | 3.82 | ≥ 4.82* |
| February 6, 2023 | 2.76 | 3.26 | 3.76 | ≥ 4.76* |

* Conditions of TLF, including the interest rate, are determined by the CBA on a case-by-case basis. Therefore, the indicated interest rate should be considered as a reference interest rate.

TABLE 6.3: CENTRAL BANK OFFERED RATES ON COMMERCIAL BANKS' DEPOSITS

| | | 7-day | 30-day |
|-----------------------------------|-----|-------|--------|
| Period averages in % per annum | | (1) | (2) |
| 2019 | | 0.0 | 0.1 |
| 2020 | | 0.0 | 0.0 |
| 2021 | | 0.0 | 0.0 |
| 2022 | | 0.0 | 0.1 |
| 2020 | I | 0.0 | 0 |
| | II | 0.0 | 0.0 |
| | III | 0.0 | 0.0 |
| | IV | 0.0 | 0.0 |
| 2021 | I | 0.0 | 0.0 |
| | II | 0.0 | 0.0 |
| | III | 0.0 | 0.0 |
| | IV | 0.0 | 0.0 |
| 2022 | I | 0.0 | 0.0 |
| | II | 0.0 | 0.0 |
| | III | 0.0 | 0.1 |
| | IV | 0.0 | 0.1 |

Source: International Financial Statistics.

TABLE 6.4 GOVERNMENT SECURITY MARKETS: TREASURY BILLS AND CASH LOANS

| 3-month treasury bills | | | | | 6-month cash loan certificates | | | | |
|------------------------|---------------|-----------------------|----------------------------|---------------------|--------------------------------|---------------|-----------------------|----------------------------|---------------------|
| End of period | Date of issue | Amount (Afl. million) | Average price per Afl. 100 | Yield per annum (%) | End of period | Date of issue | Amount (Afl. million) | Average price per Afl. 100 | Yield per annum (%) |
| | (1) | (2) | (3) | (4) | | (1) | (2) | (3) | (4) |
| 2017 | February | 15.0 | 99.91 | 0.35 | 2007 | June | 8.0 | 97.75 | 4.60 |
| | February | 15.0 | 99.91 | 0.36 | | December | 8.0 | 97.61 | 4.89 |
| | February | 15.0 | 99.91 | 0.37 | 2008 | June | 8.0 | 98.55 | 2.97 |
| | March | 20.0 | 99.91 | 0.36 | | September | 8.0 | 99.51 | 0.99 |
| | May | 45.0 | 99.91 | 0.35 | 2010 | March | 8.0 | 99.69 | 0.61 |
| | June | 20.0 | 99.91 | 0.35 | | April | 8.0 | 99.67 | 0.69 |
| | August | 45.0 | 99.91 | 0.35 | 2011 | September | 8.0 | 99.61 | 0.81 |
| | September | 20.0 | 99.89 | 0.43 | | March | 8.0 | 99.31 | 1.39 |
| | November | 45.0 | 99.92 | 0.34 | 2013 | June | 8.0 | 99.00 | 2.00 |
| | December | 20.0 | 99.89 | 0.43 | | December | 8.0 | 99.14 | 1.73 |
| 2018 | February | 40.0 | 99.92 | 0.34 | 2014 | June | 8.0 | 99.25 | 1.52 |
| | March | 80.0 | 99.88 | 0.47 | | December | 8.0 | 99.39 | 1.23 |
| | March | 25.0 | 99.93 | 0.28 | 2015 | June | 8.0 | 99.52 | 0.97 |
| | May | 50.0 | 99.90 | 0.40 | | December | 8.0 | 99.52 | 0.97 |
| | May | 40.0 | 99.92 | 0.33 | 2017 | December | 8.0 | 99.70 | 0.60 |
| | June | 55.0 | 99.92 | 0.34 | | June | 8.0 | 99.70 | 0.60 |
| | June | 25.0 | 99.91 | 0.34 | 2020 | March | 8.0 | 99.66 | 0.68 |
| | June | 25.0 | 99.91 | 0.34 | | September | 5.0 | 98.39 | 3.22 |
| | August | 50.0 | 99.91 | 0.38 | 2021 | March | 5.0 | 98.81 | 2.39 |
| | August | 40.0 | 99.92 | 0.33 | | September | 5.0 | 99.50 | 1.00 |
| | August | 40.0 | 99.92 | 0.33 | 2022 | March | 5.0 | 99.50 | 1.00 |
| | September | 25.0 | 99.92 | 0.33 | | September | 5.0 | 99.60 | 0.80 |
| 2019 | November | 50.0 | 99.91 | 0.38 | | | | | |
| | November | 40.0 | 99.92 | 0.32 | | | | | |
| | December | 25.0 | 99.92 | 0.32 | | | | | |
| | October | 20.0 | 99.84 | 0.65 | | | | | |
| 2020 | November | 35.0 | 99.61 | 1.56 | | | | | |
| | November | 45.0 | 99.87 | 0.51 | | | | | |
| | January | 20.0 | 99.87 | 0.53 | | | | | |
| | February | 80.0 | 99.78 | 0.89 | | | | | |
| | April | 25.0 | 99.75 | 1.70 | | | | | |
| | April | 20.0 | 99.66 | 1.35 | | | | | |
| | May | 80.0 | 99.55 | 1.82 | | | | | |
| | July | 25.0 | 99.54 | 1.86 | | | | | |
| | July | 20.0 | 99.51 | 1.94 | | | | | |
| | August | 80.0 | 99.25 | 3.02 | | | | | |
| | October | 25.0 | 99.22 | 3.12 | | | | | |
| | October | 20.0 | 99.17 | 3.33 | | | | | |
| | November | 80.0 | 99.30 | 2.78 | | | | | |
| | December | 45.0 | 99.10 | 3.60 | | | | | |
| 2021 | January | 40.0 | 99.10 | 3.59 | | | | | |
| | February | 40.0 | 99.50 | 1.98 | | | | | |
| | March | 45.0 | 99.52 | 1.91 | | | | | |
| | April | 40.0 | 99.53 | 1.88 | | | | | |
| | May | 20.0 | 99.59 | 1.63 | | | | | |
| | June | 45.0 | 99.65 | 1.40 | | | | | |
| | July | 40.0 | 99.64 | 1.43 | | | | | |
| | August | 20.0 | 99.65 | 1.41 | | | | | |
| | September | 45.0 | 99.65 | 1.39 | | | | | |
| | October | 40.0 | 99.66 | 1.38 | | | | | |
| | November | 20.0 | 99.66 | 1.36 | | | | | |
| | December | 45.0 | 99.67 | 1.34 | | | | | |
| 2022 | January | 40.0 | 99.68 | 1.29 | | | | | |
| | February | 20.0 | 99.70 | 1.22 | | | | | |
| | March | 45.0 | 99.78 | 0.88 | | | | | |
| | April | 40.0 | 99.79 | 0.83 | | | | | |
| | May | 20.0 | 99.80 | 0.80 | | | | | |
| | June | 45.0 | 99.82 | 0.73 | | | | | |
| | July | 40.0 | 99.85 | 0.60 | | | | | |
| | August | 20.0 | 99.86 | 0.54 | | | | | |
| | September | 45.0 | 99.88 | 0.48 | | | | | |
| | October | 40.0 | 99.89 | 0.42 | | | | | |
| | November | 20.0 | 99.90 | 0.40 | | | | | |
| | December | 45.0 | 99.91 | 0.37 | | | | | |
| 2023 | January | 40.0 | 99.92 | 0.32 | | | | | |
| | February | 20.0 | 99.94 | 0.26 | | | | | |

TABLE 6.5 GOVERNMENT SECURITY MARKETS: GOVERNMENT BONDS AND DEBT SECURITIES

| Government bonds and other debt securities* | | | | | | Government bonds and other debt securities* | | | | | |
|---|---------------|-------------------|----------|-----------------------|---------------------|---|---------------|-------------------|----------|-----------------------|---------------------|
| End of period | Date of issue | Maturity in years | Currency | Amount (Afl. million) | Yield per annum (%) | End of period | Date of issue | Maturity in years | Currency | Amount (Afl. million) | Yield per annum (%) |
| | (1) | (2) | (3) | (4) | (5) | | (1) | (2) | (3) | (4) | (5) |
| 2009 | February | 6 | Afl. | 23.6 | 5.750 | 2015 | May | 12 | Afl. | 6.1 | 5.500 |
| | February | 10 | Afl. | 133.9 | 6.750 | | May | 15 | Afl. | 29.3 | 5.900 |
| | October | 10 | Afl. | 19.9 | 6.250 | | May | 20 | Afl. | 19.6 | 6.125 |
| | December | 7 | Afl. | 34.7 | 6.000 | | August | 7 | USD | 152.2 | ** |
| | December | 12 | Afl. | 63.3 | 6.500 | | October | 7 | USD | 75.9 | ** |
| 2010 | May | 5 | Afl. | 23.5 | 4.750 | 2016 | December | 12 | Afl. | 11.2 | 4.650 |
| | June | 10 | Afl. | 100.0 | 5.500 | | May | 8 | USD | 59.1 | 6.100 |
| | June | 15 | Afl. | 80.0 | 6.000 | | May | 12 | USD | 119.9 | 6.500 |
| | December | 8 | Afl. | 70.0 | 4.000 | | September | 10 | Afl. | 132.2 | 4.750 |
| | December | 12 | Afl. | 74.5 | 5.250 | 2017 | February | 10 | Afl. | 125.0 | 4.250 |
| 2011 | June | 12 | Afl. | 93.8 | 5.150 | | April | 10 | Afl. | 125.0 | 4.000 |
| | June | 15 | Afl. | 100.0 | 5.350 | | June | 10 | Afl. | 64.1 | 4.000 |
| | September | 13 | Afl. | 29.5 | 4.500 | | August | 10 | Afl. | 124.7 | 4.500 |
| | November | 14 | Afl. | 100.0 | 5.500 | 2018 | June | 15 | Afl. | 100.0 | 5.750 |
| | December | 1 | Afl. | 55.8 | 2.850 | | August | 11 | USD | 223.8 | 6.500 |
| | December | 7 | Afl. | 5.8 | 4.500 | | October | 5 | Afl. | 10.0 | 4.000 |
| | December | 10 | Afl. | 12.6 | 5.000 | | October | 6 | Afl. | 44.0 | 4.250 |
| | December | 13 | Afl. | 56.3 | 5.450 | | December | 10 | USD | 107.4 | 5.750 |
| 2012 | July | 13 | Afl. | 20.0 | 5.500 | 2019 | February | 12 | Afl. | 100.0 | 5.250 |
| | July | 1 | Afl. | 5.0 | 2.850 | | February | 13 | Afl. | 70.0 | 5.500 |
| | September | 11 | USD | 452.9 | 4.625 | | February | 14 | Afl. | 46.3 | 5.750 |
| | December | 10 | Afl. | 16.1 | 5.500 | | February | 15 | Afl. | 52.0 | 6.000 |
| | December | 10 | Afl. | 7.7 | 5.500 | 2020 | June | 7 | USD | 243.0 | 5.000 |
| 2013 | June | 13 | Afl. | 45.0 | 5.500 | | August | 7 | USD | 212.4 | 5.000 |
| | July | 14 | Afl. | 32.5 | 5.500 | | September | 7 | Afl. | 60.0 | 5.300 |
| | July | 14 | Afl. | 25.5 | 5.500 | | September | 7 | USD | 13.1 | 5.300 |
| | August | 12 | USD | 93.1 | 6.319 | | September | 7 | Afl. | 40.0 | 5.300 |
| | August | 7 | USD | 202.3 | ** | | September | 7 | USD | 59.1 | 5.300 |
| | August | 7 | USD | 77.0 | 5.514 | 2021 | November | 9 | Afl. | 84.0 | 5.500 |
| | December | 7 | Afl. | 3.7 | 5.000 | | December | 10 | Afl. | 105.0 | 6.000 |
| | December | 15 | Afl. | 76.8 | 5.500 | 2022 | December | 15 | Afl. | 80.0 | 6.500 |
| 2014 | March | 10 | USD | 118.5 | 6.100 | | December | | | | |
| | March | 12 | USD | 55.5 | 6.240 | | | | | | |
| | July | 15 | Afl. | 69.3 | 5.625 | | | | | | |
| | October | 7 | USD | 93.1 | ** | | | | | | |
| | December | 7 | USD | 94.7 | ** | | | | | | |

* Including loans which are tradable.

** LIBOR rate plus 4.5 percent

■ = matured.

TABLE 6.6: OFFICIAL FOREIGN EXCHANGE RATES (SELLING)

(Period averages)

| | Canadian dollar | Pound sterling | Swiss franc (x 100) | Japanese yen (x 10,000) | ECU/Euro 1) (x 100) |
|------|-----------------|----------------|------------------------|----------------------------|------------------------|
| | (1) | (2) | (3) | (4) | (5) |
| 2019 | 1.359 | 2.313 | 180.576 | 165.156 | 201.364 |
| 2020 | 1.347 | 2.329 | 191.476 | 168.667 | 205.622 |
| 2021 | 1.439 | 2.494 | 196.231 | 163.926 | 212.921 |
| 2022 | 1.386 | 2.240 | 187.914 | 137.427 | 189.311 |
| 2020 | I 1.344 | 2.323 | 185.462 | 165.244 | 198.407 |
| | II 1.303 | 2.252 | 186.170 | 167.346 | 198.167 |
| | III 1.354 | 2.342 | 194.972 | 169.520 | 210.281 |
| | IV 1.383 | 2.394 | 198.468 | 172.233 | 214.545 |
| 2021 | I 1.423 | 2.498 | 198.075 | 169.653 | 216.764 |
| | II 1.468 | 2.534 | 197.052 | 164.439 | 216.962 |
| | III 1.431 | 2.497 | 195.314 | 163.402 | 212.057 |
| | IV 1.433 | 2.447 | 194.577 | 158.262 | 205.987 |
| 2022 | I 1.423 | 2.432 | 194.160 | 154.708 | 201.832 |
| | II 1.413 | 2.277 | 185.951 | 138.592 | 191.623 |
| | III 1.381 | 2.136 | 185.626 | 130.184 | 181.191 |
| | IV 1.329 | 2.131 | 186.161 | 127.332 | 183.582 |

1) On January 1, 1999, the ECU was replaced by the euro. Also on January 1, 2002, the euro replaced the Netherlands guilder the French franc, the German mark and the Italian lire.

TABLE 6.7: OFFICIAL FOREIGN EXCHANGE RATES (SELLING)

(End of period)

| | | Canadian dollar | Pound sterling | Swiss franc (x 100) | Japanese yen (x 10,000) | ECU/Euro 1) (x 100) |
|------|-----|-----------------|----------------|------------------------|----------------------------|------------------------|
| | | (1) | (2) | (3) | (4) | (5) |
| 2019 | | 1.384 | 2.391 | 185.503 | 165.735 | 201.815 |
| 2020 | | 1.415 | 2.474 | 203.762 | 174.546 | 221.028 |
| 2021 | | 1.416 | 2.445 | 196.607 | 156.282 | 203.839 |
| 2022 | | 1.334 | 2.186 | 194.623 | 136.576 | 192.272 |
| 2020 | I | 1.265 | 2.242 | 185.632 | 165.557 | 196.814 |
| | II | 1.319 | 2.227 | 188.703 | 167.001 | 201.653 |
| | III | 1.347 | 2.328 | 194.458 | 170.158 | 210.621 |
| | IV | 1.415 | 2.474 | 203.762 | 174.546 | 221.028 |
| 2021 | I | 1.431 | 2.495 | 190.129 | 162.569 | 211.080 |
| | II | 1.455 | 2.512 | 194.259 | 162.807 | 213.814 |
| | III | 1.416 | 2.436 | 191.588 | 160.583 | 208.228 |
| | IV | 1.416 | 2.445 | 196.607 | 156.282 | 203.839 |
| 2022 | I | 1.440 | 2.381 | 193.924 | 147.756 | 199.692 |
| | II | 1.395 | 2.197 | 187.268 | 131.948 | 187.010 |
| | III | 1.315 | 2.012 | 182.912 | 124.435 | 175.640 |
| | IV | 1.334 | 2.186 | 194.623 | 136.576 | 192.272 |

1) On January 1, 1999, the ECU was replaced by the euro. Also on January 1, 2002, the euro replaced the Netherlands guilder the French franc, the German mark and the Italian lire.

General and explanatory notes to the tables

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Quarterly Tables Financial Markets Q4 2022

General note to the tables

Figures in the tables are quoted in millions of Aruban florin (Afl.), unless otherwise stated. The sum of separate items may differ in the final digit from the total shown, due to rounding.

Data are subject to revision if additional information becomes available.

The following symbols and conventions are used throughout the tables:

blank: not available

0.0: nil

(d): discontinuity in the series; this sign will be accompanied by an explanatory note in the back section of the report.

Explanatory notes to the tables

Table 6.1 Interest rates of commercial banks

As of September 1998, the CBA introduced a new method to report and calculate the interest rates on deposits and loans of the commercial banks. The interest rates shown represent the period weighted average rates of these banks on new loans and deposits for domestic activities. Nominal interest rates are used for the deposits. An annual percentage rate (APR) is calculated for the interest rates charged on consumer credit. A weighted average rate of interest is calculated for both deposits (i.e., time and savings) and loans (i.e., individual and commercial). Subsequently, a margin between the credit and debit rate is computed.

Table 6.6 and Table 6.7 Official foreign exchange rates (selling)

The CBA's minimum selling rates for officially quoted currencies for customers. The foreign exchange banks' selling rates of the currencies shown in the table are fixed daily by the CBA on the basis of middle market rates quoted for those currencies against the U.S. dollar.

Officially quoted rates for other currencies are determined by means of a fixed percentage margin on either side of the middle rate for each currency. Offshore customers, or customers with larger amounts of foreign currency to be bought or sold, may negotiate an exchange rate to settle transactions with their banks. Rates at which foreign exchange banks will buy and sell the U.S. dollar from and to the public:

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| | minimum buying rates | | maximum selling rates |
|--------------|----------------------------|----------------------------------|-----------------------------|
| as from: | bank notes | cheque and cable transfers | |
| Jan 1, 1986 | 1.77 | 1.79 | 1.81 |
| May 18, 1987 | 1.77 | 1.78 | 1.80 |

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