



Exchange rate statistics

May 2024

Statistical Series

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■ Contents

■ I. Euro area and exchange rate stability convergence criterion

| | |
|--|---|
| 1. Euro area countries and irrevocable euro conversion rates in the third stage of Economic and Monetary Union | 7 |
| 2. Central rates and intervention rates in Exchange Rate Mechanism II | 7 |

■ II. Euro foreign exchange reference rates of the European Central Bank

| | |
|---|----|
| 1. End-of-month and daily rates | 8 |
| 2. Annual and monthly averages | 10 |
| 3. End-of-year rates and annual averages | 12 |
| 4. Exchange rates of major currencies (chart) | 14 |

■ III. Effective exchange rates

| | |
|--|----|
| 1. Effective exchange rates of the euro and indicators of the German economy's price competitiveness (chart) | 15 |
| 2. Effective exchange rates of the euro | 16 |
| 3. Indicators of the German economy's price competitiveness | 17 |

■ IV. Overview of world currencies

| | |
|---|----|
| 1. Currencies and exchange rates in individual countries | 18 |
| 2. Exchange rates of the US dollar against major currencies (chart) | 41 |
| 3. Currencies in selected territories and states in which the currency of another country is legal tender | 42 |

■ V. Value of the special drawing right in selected currencies 43

■ VI. Global exchange rate arrangements and Monetary policy framework 44

■ VII. ISO currency codes 46

■ Explanatory notes

| | |
|--|----|
| Euro foreign exchange reference rates of the European Central Bank | 48 |
| Effective exchange rates of the euro | 48 |
| Indicators of the German economy's price competitiveness | 48 |
| Overview of world currencies | 50 |
| Value of the special drawing right | 50 |
| Global exchange rate arrangements and monetary policy framework | 51 |

| | |
|---|----|
| ■ Explanatory notes on individual countries | 53 |
|---|----|

Abbreviations and symbols

| | |
|--------------|---|
| CU | Currency unit(s) |
| EC | European Community |
| ECB | European Central Bank |
| ECU | European Currency Unit |
| EER | Effective exchange rate |
| ERM | Exchange Rate Mechanism |
| EU | European Union |
| IMF | International Monetary Fund |
| ISO | International Organization for Standardization |
| SDR | Special drawing right |
| SITC | Standard International Trade Classification |
| SWIFT | Society for Worldwide Interbank Financial Telecommunication |
| B | Buying rate |
| M | Middle rate |
| S | Selling rate |
| V | Calculated value |
| e | Estimated |
| p | Provisional |
| r | Revised |
| . | Data unknown, not to be published or not meaningful |
| – | Nil |

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

1. Euro area countries and irrevocable euro conversion rates in the third stage of Economic and Monetary Union

| From | Country | Currency | ISO currency code | EUR 1 = CU ... | Council Regulation (EU) No 1 | |
|----------------|----------------|--------------------|-------------------|----------------|------------------------------|-----------|
| 1999 January 1 | Austria | Austrian schilling | ATS | 13.7603 | 2866/98 | |
| | Belgium | Belgian franc | BEF | 40.3399 | 2866/98 | |
| | Finland | Finnish markka | FIM | 5.94573 | 2866/98 | |
| | France | French franc | FRF | 6.55957 | 2866/98 | |
| | Germany | Deutsche Mark | DEM | 1.95583 | 2866/98 | |
| | Ireland | Irish pound | IEP | 0.787564 | 2866/98 | |
| | Italy | Italian lira | ITL | 1,936.27 | 2866/98 | |
| | Luxembourg | Luxembourg franc | LUF | 40.3399 | 2866/98 | |
| | Netherlands | Dutch guilder | NLG | 2.20371 | 2866/98 | |
| | Portugal | Portuguese escudo | PTE | 200.482 | 2866/98 | |
| | Spain | Spanish peseta | ESP | 166.386 | 2866/98 | |
| | 2001 January 1 | Greece | Greek drachma | GRD | 340.750 | 1478/2000 |
| | 2007 January 1 | Slovenia | Slovenian tolar | SIT | 239.640 | 1086/2006 |
| | 2008 January 1 | Cyprus | Cyprus pound | CYP | 0.585274 | 1135/2007 |
| Malta | | Maltese lira | MTL | 0.429300 | 1134/2007 | |
| 2009 January 1 | Slovakia | Slovak koruna | SKK | 30.1260 | 694/2008 | |
| 2011 January 1 | Estonia | Estonian kroon | EEK | 15.6466 | 671/2010 | |
| 2014 January 1 | Latvia | Latvian lats | LVL | 0.702804 | 870/2013 | |
| 2015 January 1 | Lithuania | Lithuanian litas | LTL | 3.45280 | 851/2014 | |
| 2023 January 1 | Croatia | Croatian kuna | HRK | 7.53450 | 1208/2022 | |

1 The EU regulations can be found at <http://eur-lex.europa.eu>

2. Central rates and intervention rates in Exchange Rate Mechanism II *

| Country Currency ISO currency code | Type of rate | EUR 1 = CU ... | | | | | | | |
|--|--------------|----------------------|----------------------|--------------|------------|----------------------|-----------------------|-----------------------|-----------------------|
| | | From ... | | | | | | | |
| | | 1 Jan. 1999 | 17 Jan. 2000 | 28 June 2004 | 2 May 2005 | 28 Nov. 2005 | 19 Mar. 2007 | 29 May 2008 | 13 July 2020 |
| Denmark | Upper rate | 7.62824 | 7.62824 | 7.62824 | 7.62824 | 7.62824 | 7.62824 | 7.62824 | 7.62824 |
| Danish krone | Central rate | ¹ 7.46038 | 7.46038 | 7.46038 | 7.46038 | 7.46038 | 7.46038 | 7.46038 | 7.46038 |
| DKK | Lower rate | 7.29252 | 7.29252 | 7.29252 | 7.29252 | 7.29252 | 7.29252 | 7.29252 | 7.29252 |
| Bulgaria | Upper rate | – | – | – | – | – | – | – | 2.24920 |
| Bulgarian lev | Central rate | – | – | – | – | – | – | – | ² 1.95583 |
| BGN | Lower rate | – | – | – | – | – | – | – | 1.66246 |
| Greece | Upper rate | 406.075 | ³ 391.863 | – | – | – | – | – | – |
| Greek drachma | Central rate | ¹ 353.109 | ³ 340.750 | – | – | – | – | – | – |
| GRD | Lower rate | 300.143 | 289.638 | – | – | – | – | – | – |
| Estonia | Upper rate | – | – | 17.9936 | 17.9936 | 17.9936 | 17.9936 | 17.9936 | – |
| Estonian kroon | Central rate | – | – | 15.6466 | 15.6466 | 15.6466 | 15.6466 | ⁴ 15.6466 | – |
| EEK | Lower rate | – | – | 13.2996 | 13.2996 | 13.2996 | 13.2996 | 13.2996 | – |
| Lithuania | Upper rate | – | – | 3.97072 | 3.97072 | 3.97072 | 3.97072 | 3.97072 | – |
| Lithuanian litas | Central rate | – | – | 3.45280 | 3.45280 | 3.45280 | 3.45280 | ⁵ 3.45280 | – |
| LTL | Lower rate | – | – | 2.93488 | 2.93488 | 2.93488 | 2.93488 | 2.93488 | – |
| Slovenia | Upper rate | – | – | 275.586 | 275.586 | 275.586 | – | – | – |
| Slovenian tolar | Central rate | – | – | 239.640 | 239.640 | ⁶ 239.640 | – | – | – |
| SIT | Lower rate | – | – | 203.694 | 203.694 | 203.694 | – | – | – |
| Cyprus | Upper rate | – | – | – | 0.673065 | 0.673065 | 0.673065 | – | – |
| Cyprus pound | Central rate | – | – | – | 0.585274 | 0.585274 | ⁷ 0.585274 | – | – |
| CYP | Lower rate | – | – | – | 0.497483 | 0.497483 | 0.497483 | – | – |
| Latvia | Upper rate | – | – | – | 0.808225 | 0.808225 | 0.808225 | 0.808225 | – |
| Latvian lats | Central rate | – | – | – | 0.702804 | 0.702804 | 0.702804 | ⁸ 0.702804 | – |
| LVL | Lower rate | – | – | – | 0.597383 | 0.597383 | 0.597383 | 0.597383 | – |
| Malta | Upper rate | – | – | – | 0.493695 | 0.493695 | 0.493695 | – | – |
| Maltese lira | Central rate | – | – | – | 0.429300 | 0.429300 | ⁷ 0.429300 | – | – |
| MTL | Lower rate | – | – | – | 0.364905 | 0.364905 | 0.364905 | – | – |
| Slovakia | Upper rate | – | – | – | – | 44.2233 | 40.7588 | 34.6449 | – |
| Slovak koruna | Central rate | – | – | – | – | 38.4550 | 35.4424 | ⁹ 30.1260 | – |
| SKK | Lower rate | – | – | – | – | 32.6868 | 30.1260 | 25.6071 | – |
| Croatia | Upper rate | – | – | – | – | – | – | – | 8.66468 |
| Croatian kuna | Central rate | – | – | – | – | – | – | – | ¹⁰ 7.53450 |
| HRK | Lower rate | – | – | – | – | – | – | – | 6.40433 |

Source: ECB. * One prerequisite before an EU Member State can join the euro area is that its currency must have observed the normal fluctuation margins of Exchange Rate Mechanism II (the standard fluctuation band is $\pm 15\%$) for at least two years without devaluing against the euro. The Danish krone has a fluctuation band of $\pm 2.25\%$ on either side of the central rate. ¹ According to the EU communiqué of 31 December 1998. ² According to the EU communiqué of 10 July 2020. ³ Until 31 December 2000; accession to the euro area on 1 January 2001. ⁴ Until 31 December 2010; accession to

the euro area on 1 January 2011. ⁵ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁶ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁷ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁸ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁹ Until 31 December 2008; accession to the euro area on 1 January 2009. ¹⁰ Until 31 December 2022; accession to the euro area on 1 January 2023.

II. Euro foreign exchange reference rates of the European Central Bank *

1. End-of-month and daily rates

EUR 1 = CU ...

| Period | | EU member countries | | | | | | |
|-----------|----|----------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|----------------------|
| | | Bulgaria | Czechia | Denmark | Hungary | Poland | Romania | Sweden |
| | | Bulgarian lev BGN | Czech koruna CZK | Danish krone DKK | Hungarian forint HUF | Polish zloty PLN | Romanian leu RON | Swedish krona SEK |
| 2023 Apr. | | 1.9558 | 23.502 | 7.4538 | 373.78 | 4.5815 | 4.9301 | 11.3515 |
| May | | 1.9558 | 23.741 | 7.4480 | 370.85 | 4.5368 | 4.9695 | 11.6278 |
| June | | 1.9558 | 23.742 | 7.4474 | 371.93 | 4.4388 | 4.9635 | 11.8055 |
| July | | 1.9558 | 23.900 | 7.4529 | 386.93 | 4.4070 | 4.9349 | 11.5895 |
| Aug. | | 1.9558 | 24.072 | 7.4523 | 380.13 | 4.4673 | 4.9420 | 11.8430 |
| Sep. | | 1.9558 | 24.339 | 7.4571 | 389.50 | 4.6283 | 4.9735 | 11.5325 |
| Oct. | | 1.9558 | 24.558 | 7.4647 | 382.13 | 4.4405 | 4.9659 | 11.8275 |
| Nov. | | 1.9558 | 24.292 | 7.4548 | 380.75 | 4.3490 | 4.9718 | 11.4308 |
| Dec. | | 1.9558 | 24.724 | 7.4529 | 382.80 | 4.3395 | 4.9756 | 11.0960 |
| 2024 Jan. | | 1.9558 | 24.891 | 7.4550 | 384.90 | 4.3330 | 4.9758 | 11.2682 |
| Feb. | | 1.9558 | 25.363 | 7.4540 | 393.48 | 4.3208 | 4.9706 | 11.2150 |
| Mar. | | 1.9558 | 25.305 | 7.4580 | 395.26 | 4.3123 | 4.9735 | 11.5250 |
| Apr. | | 1.9558 | 25.140 | 7.4583 | 390.68 | 4.3178 | 4.9759 | 11.7530 |
| 2024 Apr. | 18 | 1.9558 | 25.254 | 7.4616 | 393.93 | 4.3255 | 4.9758 | 11.6370 |
| | 19 | 1.9558 | 25.267 | 7.4622 | 395.30 | 4.3300 | 4.9764 | 11.6640 |
| | 22 | 1.9558 | 25.275 | 7.4615 | 393.90 | 4.3188 | 4.9756 | 11.6015 |
| | 23 | 1.9558 | 25.256 | 7.4607 | 393.63 | 4.3158 | 4.9761 | 11.6030 |
| | 24 | 1.9558 | 25.242 | 7.4575 | 393.35 | 4.3193 | 4.9757 | 11.6225 |
| | 25 | 1.9558 | 25.152 | 7.4587 | 392.98 | 4.3165 | 4.9761 | 11.6390 |
| | 26 | 1.9558 | 25.164 | 7.4573 | 392.28 | 4.3205 | 4.9764 | 11.7052 |
| | 29 | 1.9558 | 25.175 | 7.4581 | 391.64 | 4.3255 | 4.9759 | 11.6850 |
| | 30 | 1.9558 | 25.140 | 7.4583 | 390.68 | 4.3178 | 4.9759 | 11.7530 |
| May | 2 | 1.9558 | 25.090 | 7.4589 | 388.98 | 4.3278 | 4.9763 | 11.6820 |
| | 3 | 1.9558 | 25.025 | 7.4583 | 388.95 | 4.3290 | 4.9761 | 11.6398 |
| | 6 | 1.9558 | 24.995 | 7.4589 | 389.38 | 4.3185 | 4.9688 | 11.6250 |
| | 7 | 1.9558 | 25.014 | 7.4596 | 389.05 | 4.3138 | 4.9757 | 11.6810 |
| | 8 | 1.9558 | 25.036 | 7.4599 | 388.88 | 4.3075 | 4.9757 | 11.7330 |
| | 9 | 1.9558 | 24.935 | 7.4594 | 387.95 | 4.2920 | 4.9753 | 11.7205 |
| | 10 | 1.9558 | 24.936 | 7.4607 | 387.72 | 4.2968 | 4.9758 | 11.6865 |
| | 13 | 1.9558 | 24.779 | 7.4608 | 387.00 | 4.2860 | 4.9762 | 11.7000 |
| | 14 | 1.9558 | 24.750 | 7.4608 | 386.10 | 4.2695 | 4.9758 | 11.7285 |

| Period | | Other European and non-European countries | | | | | | |
|-----------|----|---|-----------------------|------------------------|------------------------|-------------------------|------------------------|---------------------|
| | | Australia | Brazil | Canada | China | Hong Kong | Iceland | India |
| | | Australian dollar AUD | Brazilian real BRL | Canadian dollar CAD | Yuan (renminbi) CNY | Hong Kong dollar HKD | Icelandic krona ISK | Indian rupee INR |
| 2023 Apr. | | 1.6664 | 5.4872 | 1.4981 | 7.5979 | 8.6199 | 149.10 | 89.8555 |
| May | | 1.6497 | 5.4288 | 1.4582 | 7.5926 | 8.3696 | 149.70 | 88.3400 |
| June | | 1.6398 | 5.2788 | 1.4415 | 7.8983 | 8.5157 | 148.70 | 89.2065 |
| July | | 1.6436 | 5.2031 | 1.4566 | 7.8808 | 8.5966 | 144.30 | 90.6690 |
| Aug. | | 1.6785 | 5.3082 | 1.4721 | 7.9196 | 8.5250 | 142.30 | 89.9293 |
| Sep. | | 1.6339 | 5.3065 | 1.4227 | 7.7352 | 8.2959 | 144.90 | 88.0165 |
| Oct. | | 1.6739 | 5.3743 | 1.4712 | 7.7686 | 8.3079 | 147.50 | 88.4195 |
| Nov. | | 1.6542 | 5.3984 | 1.4870 | 7.8008 | 8.5384 | 150.70 | 91.1143 |
| Dec. | | 1.6263 | 5.3618 | 1.4642 | 7.8509 | 8.6314 | 150.50 | 91.9045 |
| 2024 Jan. | | 1.6468 | 5.3749 | 1.4558 | 7.7789 | 8.4734 | 148.30 | 90.0010 |
| Feb. | | 1.6684 | 5.4054 | 1.4719 | 7.7888 | 8.4735 | 149.30 | 89.7458 |
| Mar. | | 1.6607 | 5.4032 | 1.4672 | 7.8144 | 8.4594 | 150.30 | 90.1365 |
| Apr. | | 1.6423 | 5.4928 | 1.4672 | 7.7609 | 8.3817 | 150.30 | 89.4155 |
| 2024 Apr. | 18 | 1.6567 | 5.5973 | 1.4687 | 7.7294 | 8.3635 | 150.30 | 89.1880 |
| | 19 | 1.6622 | 5.6165 | 1.4666 | 7.7139 | 8.3443 | 150.30 | 88.9228 |
| | 22 | 1.6517 | 5.5427 | 1.4592 | 7.7012 | 8.3316 | 150.30 | 88.6280 |
| | 23 | 1.6536 | 5.5246 | 1.4623 | 7.7353 | 8.3640 | 150.30 | 88.9475 |
| | 24 | 1.6421 | 5.4856 | 1.4628 | 7.7431 | 8.3700 | 150.30 | 89.0435 |
| | 25 | 1.6415 | 5.5050 | 1.4659 | 7.7682 | 8.3920 | 150.10 | 89.3155 |
| | 26 | 1.6392 | 5.5208 | 1.4632 | 7.7638 | 8.3873 | 150.30 | 89.3191 |
| | 29 | 1.6322 | 5.4706 | 1.4635 | 7.7627 | 8.3904 | 150.30 | 89.4610 |
| | 30 | 1.6423 | 5.4928 | 1.4672 | 7.7609 | 8.3817 | 150.30 | 89.4155 |
| May | 2 | 1.6386 | 5.5025 | 1.4678 | 7.7465 | 8.3633 | 150.10 | 89.2938 |
| | 3 | 1.6330 | 5.4916 | 1.4682 | 7.7798 | 8.3961 | 150.30 | 89.6710 |
| | 6 | 1.6248 | 5.4683 | 1.4731 | 7.7662 | 8.4223 | 150.30 | 89.9875 |
| | 7 | 1.6297 | 5.4629 | 1.4730 | 7.7707 | 8.4197 | 150.30 | 89.8980 |
| | 8 | 1.6374 | 5.4682 | 1.4784 | 7.7651 | 8.3989 | 150.10 | 89.7015 |
| | 9 | 1.6299 | 5.5189 | 1.4728 | 7.7554 | 8.3881 | 150.30 | 89.6070 |
| | 10 | 1.6320 | 5.5332 | 1.4747 | 7.7877 | 8.4228 | 150.30 | 90.0185 |
| | 13 | 1.6305 | 5.5486 | 1.4757 | 7.8095 | 8.4329 | 150.30 | 90.1330 |
| | 14 | 1.6329 | 5.5419 | 1.4753 | 7.8103 | 8.4341 | 150.50 | 90.1600 |

* See Explanatory notes, p. 48.

II. Euro foreign exchange reference rates of the European Central Bank *

1. End-of-month and daily rates (cont'd)

EUR 1 = CU ...

| Other European and non-European countries (cont'd) | | | | | | | | | |
|--|--------------------------|-------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|--|
| | Indonesia | Israel | Japan | Korea, Republic of | Malaysia | Mexico | New Zealand | Norway | |
| Period | Indonesian rupiah IDR | New shekel ILS | Japanese yen JPY | South Korean won KRW | Malaysian ringgit MYR | Mexican peso MXN | New Zealand dollar NZD | Norwegian krone NOK | |
| 2023 Apr. | 16,111.90 | 3.9939 | 149.35 | 1,470.89 | 4.8981 | 19.8182 | 1.7864 | 11.7910 | |
| May | 16,030.39 | 3.9713 | 149.13 | 1,416.29 | 4.9307 | 18.9263 | 1.7793 | 12.0045 | |
| June | 16,384.54 | 4.0486 | 157.16 | 1,435.88 | 5.0717 | 18.5614 | 1.7858 | 11.7040 | |
| July | 16,622.65 | 4.0714 | 156.73 | 1,405.49 | 4.9703 | 18.4088 | 1.7773 | 11.1805 | |
| Aug. | 16,551.96 | 4.1293 | 158.49 | 1,439.56 | 5.0428 | 18.1866 | 1.8259 | 11.5800 | |
| Sep. | 16,383.62 | 4.0472 | 158.10 | 1,425.26 | 4.9741 | 18.5030 | 1.7575 | 11.2535 | |
| Oct. | 16,868.28 | 4.2756 | 160.30 | 1,434.66 | 5.0594 | 19.1551 | 1.8224 | 11.8735 | |
| Nov. | 16,981.14 | 4.0597 | 161.19 | 1,418.78 | 5.0933 | 19.0235 | 1.7762 | 11.7200 | |
| Dec. | 17,079.71 | 3.9993 | 156.33 | 1,433.66 | 5.0775 | 18.7231 | 1.7504 | 11.2405 | |
| 2024 Jan. | 17,076.29 | 3.9431 | 160.19 | 1,444.63 | 5.1259 | 18.5817 | 1.7705 | 11.3510 | |
| Feb. | 17,038.18 | 3.8736 | 162.53 | 1,447.43 | 5.1375 | 18.4969 | 1.7807 | 11.4920 | |
| Mar. | 17,157.87 | 3.9799 | 163.45 | 1,458.67 | 5.1168 | 17.9179 | 1.8092 | 11.6990 | |
| Apr. | 17,422.11 | 4.0172 | 168.27 | 1,479.67 | 5.1130 | 18.1895 | 1.8035 | 11.8150 | |
| 2024 Apr. 18 | 17,279.69 | 4.0363 | 164.82 | 1,467.41 | 5.1083 | 18.0940 | 1.8013 | 11.7375 | |
| 19 | 17,325.08 | 4.0181 | 164.68 | 1,469.09 | 5.0959 | 18.4819 | 1.8105 | 11.7650 | |
| 22 | 17,279.87 | 4.0054 | 164.51 | 1,467.64 | 5.0800 | 18.2059 | 1.8004 | 11.7185 | |
| 23 | 17,302.61 | 4.0422 | 165.23 | 1,471.21 | 5.1022 | 18.2732 | 1.8047 | 11.7310 | |
| 24 | 17,277.66 | 4.0339 | 165.57 | 1,469.91 | 5.1058 | 18.0824 | 1.8010 | 11.7330 | |
| 25 | 17,355.14 | 4.0646 | 166.76 | 1,473.23 | 5.1215 | 18.2670 | 1.7990 | 11.7140 | |
| 26 | 17,385.77 | 4.0798 | 168.03 | 1,474.65 | 5.1079 | 18.4672 | 1.8010 | 11.7995 | |
| 29 | 17,408.74 | 4.0316 | 167.53 | 1,476.15 | 5.1108 | 18.3202 | 1.7932 | 11.7835 | |
| 30 | 17,422.11 | 4.0172 | 168.27 | 1,479.67 | 5.1130 | 18.1895 | 1.8035 | 11.8150 | |
| May 2 | 17,302.04 | 4.0046 | 165.63 | 1,470.41 | 5.0864 | 18.1187 | 1.8047 | 11.8430 | |
| 3 | 17,247.67 | 3.9943 | 164.62 | 1,460.24 | 5.0927 | 18.2086 | 1.7952 | 11.7080 | |
| 6 | 17,289.39 | 4.0322 | 165.70 | 1,460.00 | 5.1067 | 18.2346 | 1.7891 | 11.6663 | |
| 7 | 17,295.26 | 4.0056 | 166.45 | 1,462.45 | 5.1009 | 18.1606 | 1.7918 | 11.6980 | |
| 8 | 17,270.98 | 3.9883 | 167.15 | 1,466.47 | 5.0949 | 18.1936 | 1.7948 | 11.7570 | |
| 9 | 17,248.52 | 4.0140 | 167.32 | 1,471.57 | 5.0878 | 18.1764 | 1.7881 | 11.7215 | |
| 10 | 17,292.10 | 4.0091 | 167.87 | 1,472.72 | 5.1082 | 18.0730 | 1.7923 | 11.6735 | |
| 13 | 17,371.37 | 4.0161 | 168.25 | 1,476.01 | 5.1082 | 18.0713 | 1.7923 | 11.6800 | |
| 14 | 17,407.15 | 4.0089 | 168.89 | 1,476.56 | 5.0952 | 18.1363 | 1.7934 | 11.6815 | |

| Other European and non-European countries (cont'd) | | | | | | | | |
|--|------------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|------------------|
| | Philippines | Singapore | South Africa | Switzerland | Thailand | Turkey | United Kingdom | United States |
| Period | Philippine peso PHP | Singapore dollar SGD | South African rand ZAR | Swiss franc CHF | Thai baht THB | Turkish lira TRY | Pound sterling GBP | US dollar USD |
| 2023 Apr. | 60.923 | 1.4679 | 20.1558 | 0.9839 | 37.467 | 21.3608 | 0.88050 | 1.0981 |
| May | 60.053 | 1.4467 | 21.1353 | 0.9724 | 37.134 | 22.1320 | 0.86405 | 1.0683 |
| June | 60.082 | 1.4732 | 20.5785 | 0.9788 | 38.482 | 28.3193 | 0.85828 | 1.0866 |
| July | 60.522 | 1.4660 | 19.5511 | 0.9619 | 37.732 | 29.7126 | 0.85765 | 1.1023 |
| Aug. | 61.545 | 1.4686 | 20.4199 | 0.9584 | 38.005 | 28.9848 | 0.85718 | 1.0868 |
| Sep. | 59.969 | 1.4443 | 19.9813 | 0.9669 | 38.679 | 29.0514 | 0.86458 | 1.0594 |
| Oct. | 60.295 | 1.4525 | 19.9507 | 0.9607 | 38.266 | 30.0455 | 0.87366 | 1.0619 |
| Nov. | 60.623 | 1.4602 | 20.5703 | 0.9562 | 38.494 | 31.5441 | 0.86368 | 1.0931 |
| Dec. | 61.283 | 1.4591 | 20.3477 | 0.9260 | 37.973 | 32.6531 | 0.86905 | 1.1050 |
| 2024 Jan. | 61.023 | 1.4517 | 20.3238 | 0.9348 | 38.461 | 32.8984 | 0.85435 | 1.0837 |
| Feb. | 60.858 | 1.4570 | 20.9007 | 0.9534 | 38.909 | 33.8067 | 0.85655 | 1.0826 |
| Mar. | 60.797 | 1.4587 | 20.5226 | 0.9766 | 39.412 | 34.9487 | 0.85510 | 1.0811 |
| Apr. | 61.830 | 1.4593 | 20.0682 | 0.9787 | 39.732 | 34.7045 | 0.85478 | 1.0718 |
| 2024 Apr. 18 | 61.127 | 1.4520 | 20.3461 | 0.9704 | 39.251 | 34.7035 | 0.85628 | 1.0679 |
| 19 | 61.373 | 1.4510 | 20.4793 | 0.9680 | 39.288 | 34.7304 | 0.85620 | 1.0653 |
| 22 | 61.134 | 1.4490 | 20.3468 | 0.9693 | 39.392 | 34.5943 | 0.86328 | 1.0632 |
| 23 | 61.440 | 1.4543 | 20.5340 | 0.9724 | 39.536 | 34.7807 | 0.86050 | 1.0674 |
| 24 | 61.487 | 1.4547 | 20.5062 | 0.9774 | 39.602 | 34.7497 | 0.85945 | 1.0686 |
| 25 | 61.940 | 1.4581 | 20.3377 | 0.9792 | 39.691 | 34.8475 | 0.85675 | 1.0720 |
| 26 | 61.830 | 1.4587 | 20.2037 | 0.9779 | 39.583 | 34.8036 | 0.85643 | 1.0714 |
| 29 | 61.858 | 1.4578 | 20.0504 | 0.9776 | 39.696 | 34.7103 | 0.85493 | 1.0720 |
| 30 | 61.830 | 1.4593 | 20.0682 | 0.9787 | 39.732 | 34.7045 | 0.85478 | 1.0718 |
| May 2 | 61.628 | 1.4538 | 19.9690 | 0.9759 | 39.508 | 34.6345 | 0.85538 | 1.0698 |
| 3 | 61.392 | 1.4527 | 19.8952 | 0.9744 | 39.516 | 34.7482 | 0.85573 | 1.0744 |
| 6 | 61.660 | 1.4548 | 19.8369 | 0.9754 | 39.618 | 34.7747 | 0.85660 | 1.0776 |
| 7 | 61.678 | 1.4570 | 19.9127 | 0.9770 | 39.683 | 34.7408 | 0.85805 | 1.0766 |
| 8 | 61.643 | 1.4572 | 20.0409 | 0.9770 | 39.717 | 34.6564 | 0.86083 | 1.0743 |
| 9 | 61.569 | 1.4558 | 19.8856 | 0.9760 | 39.617 | 34.5811 | 0.85995 | 1.0732 |
| 10 | 61.936 | 1.4592 | 19.8673 | 0.9779 | 39.580 | 34.7431 | 0.86055 | 1.0779 |
| 13 | 62.417 | 1.4605 | 19.8185 | 0.9784 | 39.688 | 34.7702 | 0.86023 | 1.0795 |
| 14 | 62.452 | 1.4609 | 19.8835 | 0.9801 | 39.589 | 34.8169 | 0.85983 | 1.0796 |

* See Explanatory notes, p. 48.

II. Euro foreign exchange reference rates of the European Central Bank *

2. Annual and monthly averages +

EUR 1 = CU ...

| EU member countries | | | | | | | | |
|---------------------|----------------------------------|-------------------------------------|--------------------------------|--------------------------------|------------------------------------|-------------------------------|--------------------------------|--------------------------------|
| Period | Bulgaria Bulgarian lev BGN | Croatia ¹ Kuna HRK | Czechia Czech koruna CZK | Denmark Danish krone DKK | Hungary Hungarian forint HUF | Poland Polish zloty PLN | Romania Romanian leu RON | Sweden Swedish krona SEK |
| 2022 | 1.9558 | 7.5349 | 24.566 | 7.4396 | 391.29 | 4.6861 | 4.9313 | 10.6296 |
| 2023 | 1.9558 | – | 24.004 | 7.4509 | 381.85 | 4.5420 | 4.9467 | 11.4788 |
| 2022 Mar. | 1.9558 | 7.5711 | 25.007 | 7.4404 | 376.64 | 4.7522 | 4.9482 | 10.5463 |
| Apr. | 1.9558 | 7.5577 | 24.435 | 7.4391 | 374.87 | 4.6485 | 4.9442 | 10.3175 |
| May | 1.9558 | 7.5356 | 24.750 | 7.4405 | 384.45 | 4.6485 | 4.9460 | 10.4956 |
| June | 1.9558 | 7.5252 | 24.719 | 7.4392 | 396.66 | 4.6471 | 4.9444 | 10.6005 |
| July | 1.9558 | 7.5185 | 24.594 | 7.4426 | 404.10 | 4.7682 | 4.9396 | 10.5752 |
| Aug. | 1.9558 | 7.5138 | 24.568 | 7.4393 | 402.10 | 4.7233 | 4.8943 | 10.5021 |
| Sep. | 1.9558 | 7.5222 | 24.576 | 7.4366 | 404.19 | 4.7414 | 4.9097 | 10.7840 |
| Oct. | 1.9558 | 7.5298 | 24.528 | 7.4389 | 418.31 | 4.8040 | 4.9259 | 10.9503 |
| Nov. | 1.9558 | 7.5426 | 24.369 | 7.4387 | 406.68 | 4.6964 | 4.9142 | 10.8798 |
| Dec. | 1.9558 | 7.5448 | 24.269 | 7.4377 | 407.68 | 4.6832 | 4.9224 | 10.9859 |
| 2023 Jan. | 1.9558 | – | 23.958 | 7.4383 | 396.03 | 4.6974 | 4.9242 | 11.2051 |
| Feb. | 1.9558 | – | 23.712 | 7.4447 | 384.91 | 4.7415 | 4.9087 | 11.1725 |
| Mar. | 1.9558 | – | 23.683 | 7.4456 | 385.01 | 4.6893 | 4.9263 | 11.2276 |
| Apr. | 1.9558 | – | 23.437 | 7.4518 | 375.34 | 4.6320 | 4.9365 | 11.3370 |
| May | 1.9558 | – | 23.595 | 7.4485 | 372.37 | 4.5345 | 4.9477 | 11.3697 |
| June | 1.9558 | – | 23.695 | 7.4492 | 370.60 | 4.4608 | 4.9600 | 11.6766 |
| July | 1.9558 | – | 23.892 | 7.4508 | 379.04 | 4.4431 | 4.9411 | 11.6343 |
| Aug. | 1.9558 | – | 24.108 | 7.4522 | 385.05 | 4.4601 | 4.9411 | 11.8117 |
| Sep. | 1.9558 | – | 24.380 | 7.4566 | 386.43 | 4.5981 | 4.9656 | 11.8417 |
| Oct. | 1.9558 | – | 24.584 | 7.4604 | 385.33 | 4.5124 | 4.9682 | 11.6472 |
| Nov. | 1.9558 | – | 24.485 | 7.4581 | 379.19 | 4.4020 | 4.9703 | 11.5475 |
| Dec. | 1.9558 | – | 24.478 | 7.4556 | 381.80 | 4.3335 | 4.9707 | 11.2028 |
| 2024 Jan. | 1.9558 | – | 24.716 | 7.4572 | 382.04 | 4.3648 | 4.9749 | 11.2834 |
| Feb. | 1.9558 | – | 25.232 | 7.4550 | 388.04 | 4.3256 | 4.9746 | 11.2500 |
| Mar. | 1.9558 | – | 25.292 | 7.4566 | 395.09 | 4.3069 | 4.9708 | 11.3054 |
| Apr. | 1.9558 | – | 25.278 | 7.4596 | 392.41 | 4.3026 | 4.9730 | 11.5910 |

| Other European and non-European countries | | | | | | | | |
|---|---------------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------------|-----------------------------------|------------------------------|---------------------------------------|
| Period | Australia Australian dollar AUD | Brazil Brazilian real BRL | Canada Canadian dollar CAD | China Yuan (renminbi) CNY | Hong Kong Hong Kong dollar HKD | Iceland Icelandic krona ISK | India Indian rupee INR | Indonesia Indonesian rupiah IDR |
| 2022 | 1.5167 | 5.4399 | 1.3695 | 7.0788 | 8.2451 | 142.24 | 82.6864 | 15,625.25 |
| 2023 | 1.6288 | 5.4010 | 1.4595 | 7.6600 | 8.4650 | 149.13 | 89.3001 | 16,479.62 |
| 2022 Mar. | 1.4946 | 5.4884 | 1.3950 | 6.9916 | 8.6199 | 143.39 | 83.9933 | 15,802.12 |
| Apr. | 1.4663 | 5.1342 | 1.3652 | 6.9605 | 8.4828 | 139.83 | 82.4033 | 15,566.64 |
| May | 1.4995 | 5.2460 | 1.3588 | 7.0830 | 8.3030 | 138.46 | 81.7828 | 15,422.62 |
| June | 1.5044 | 5.3209 | 1.3537 | 7.0734 | 8.2922 | 138.47 | 82.5112 | 15,531.74 |
| July | 1.4856 | 5.4718 | 1.3180 | 6.8538 | 7.9895 | 139.05 | 81.0182 | 15,258.22 |
| Aug. | 1.4550 | 5.2111 | 1.3078 | 6.8884 | 7.9473 | 140.12 | 80.5563 | 15,024.16 |
| Sep. | 1.4820 | 5.1791 | 1.3187 | 6.9508 | 7.7738 | 140.35 | 79.4558 | 14,847.40 |
| Oct. | 1.5474 | 5.1658 | 1.3477 | 7.0687 | 7.7128 | 141.50 | 80.9180 | 15,172.93 |
| Nov. | 1.5455 | 5.3846 | 1.3708 | 7.3171 | 7.9873 | 146.98 | 83.3384 | 15,975.07 |
| Dec. | 1.5685 | 5.5589 | 1.4379 | 7.3859 | 8.2434 | 150.76 | 87.3381 | 16,503.30 |
| 2023 Jan. | 1.5523 | 5.6047 | 1.4474 | 7.3173 | 8.4217 | 154.06 | 88.1441 | 16,427.04 |
| Feb. | 1.5514 | 5.5386 | 1.4400 | 7.3244 | 8.4077 | 153.11 | 88.5004 | 16,232.58 |
| Mar. | 1.6034 | 5.5784 | 1.4649 | 7.3807 | 8.4026 | 149.89 | 88.1159 | 16,364.98 |
| Apr. | 1.6389 | 5.4995 | 1.4792 | 7.5561 | 8.6093 | 149.62 | 89.9311 | 16,313.20 |
| May | 1.6346 | 5.4092 | 1.4687 | 7.5948 | 8.5167 | 150.47 | 89.4602 | 16,116.84 |
| June | 1.6157 | 5.2695 | 1.4414 | 7.7653 | 8.4899 | 149.35 | 89.1134 | 16,194.88 |
| July | 1.6423 | 5.3099 | 1.4618 | 7.9482 | 8.6437 | 146.79 | 90.8395 | 16,639.99 |
| Aug. | 1.6818 | 5.3427 | 1.4703 | 7.9096 | 8.5370 | 143.87 | 90.3518 | 16,639.40 |
| Sep. | 1.6622 | 5.2770 | 1.4458 | 7.7967 | 8.3640 | 144.46 | 88.7372 | 16,424.67 |
| Oct. | 1.6637 | 5.3509 | 1.4474 | 7.7200 | 8.2648 | 146.50 | 87.8937 | 16,646.67 |
| Nov. | 1.6634 | 5.2963 | 1.4828 | 7.8087 | 8.4380 | 151.44 | 90.0102 | 16,853.56 |
| Dec. | 1.6321 | 5.3428 | 1.4653 | 7.7870 | 8.5152 | 150.55 | 90.8009 | 16,910.33 |
| 2024 Jan. | 1.6422 | 5.3569 | 1.4631 | 7.8201 | 8.5244 | 149.43 | 90.6347 | 17,049.43 |
| Feb. | 1.6533 | 5.3559 | 1.4564 | 7.7651 | 8.4432 | 148.68 | 89.5608 | 16,898.59 |
| Mar. | 1.6586 | 5.4157 | 1.4726 | 7.8297 | 8.5049 | 149.04 | 90.2515 | 17,063.66 |
| Apr. | 1.6469 | 5.4975 | 1.4661 | 7.7658 | 8.4006 | 150.35 | 89.4676 | 17,258.77 |

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Accession to the euro area on 1 January 2023.

II. Euro foreign exchange reference rates of the European Central Bank *

2. Annual and monthly averages + (cont'd)

EUR 1 = CU ...

| Other European and non-European countries (cont'd) | | | | | | | | |
|--|-------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|------------------------|
| | Israel | Japan | Korea, Republic of | Malaysia | Mexico | New Zealand | Norway | Philippines |
| Period | New shekel ILS | Japanese yen JPY | South Korean won KRW | Malaysian ringgit MYR | Mexican peso MXN | New Zealand dollar NZD | Norwegian krone NOK | Philippine peso PHP |
| 2022 | 3.5345 | 138.03 | 1,358.07 | 4.6279 | 21.1869 | 1.6582 | 10.1026 | 57.314 |
| 2023 | 3.9880 | 151.99 | 1,412.88 | 4.9320 | 19.1830 | 1.7622 | 11.4248 | 60.163 |
| 2022 Mar. | 3.5710 | 130.71 | 1,345.66 | 4.6277 | 22.6476 | 1.6049 | 9.7367 | 57.415 |
| Apr. | 3.5106 | 136.61 | 1,337.58 | 4.6208 | 21.7206 | 1.5978 | 9.6191 | 56.264 |
| May | 3.5758 | 136.24 | 1,340.10 | 4.6344 | 21.1861 | 1.6515 | 10.1453 | 55.421 |
| June | 3.6038 | 141.57 | 1,351.47 | 4.6496 | 21.1240 | 1.6640 | 10.2972 | 56.756 |
| July | 3.5309 | 139.17 | 1,332.00 | 4.5197 | 20.8955 | 1.6436 | 10.1823 | 56.917 |
| Aug. | 3.3408 | 136.85 | 1,337.90 | 4.5233 | 20.3909 | 1.6158 | 9.8309 | 56.542 |
| Sep. | 3.4181 | 141.57 | 1,381.71 | 4.5005 | 19.8718 | 1.6691 | 10.1697 | 57.074 |
| Oct. | 3.4823 | 144.73 | 1,403.51 | 4.6127 | 19.6481 | 1.7299 | 10.3919 | 57.738 |
| Nov. | 3.5488 | 145.12 | 1,384.19 | 4.7002 | 19.8393 | 1.6828 | 10.3357 | 58.655 |
| Dec. | 3.6562 | 142.82 | 1,370.59 | 4.6721 | 20.7608 | 1.6660 | 10.4480 | 58.888 |
| 2023 Jan. | 3.7126 | 140.54 | 1,341.38 | 4.6589 | 20.4573 | 1.6851 | 10.7149 | 59.162 |
| Feb. | 3.7975 | 142.38 | 1,368.77 | 4.6794 | 19.9543 | 1.7016 | 10.9529 | 58.743 |
| Mar. | 3.8742 | 143.01 | 1,398.25 | 4.7816 | 19.7242 | 1.7242 | 11.2858 | 58.581 |
| Apr. | 3.9877 | 146.51 | 1,452.07 | 4.8561 | 19.8195 | 1.7673 | 11.5187 | 60.807 |
| May | 3.9863 | 148.93 | 1,442.31 | 4.9119 | 19.2755 | 1.7481 | 11.7330 | 60.604 |
| June | 3.9502 | 153.15 | 1,406.43 | 5.0208 | 18.6993 | 1.7686 | 11.7164 | 60.475 |
| July | 4.0546 | 155.94 | 1,419.16 | 5.0754 | 18.7085 | 1.7758 | 11.3474 | 60.690 |
| Aug. | 4.0861 | 157.96 | 1,443.24 | 5.0294 | 18.5202 | 1.8195 | 11.4127 | 61.461 |
| Sep. | 4.0793 | 157.80 | 1,424.53 | 5.0024 | 18.4757 | 1.8012 | 11.4525 | 60.665 |
| Oct. | 4.2034 | 158.04 | 1,427.33 | 5.0142 | 19.0882 | 1.7916 | 11.6284 | 59.994 |
| Nov. | 4.1118 | 161.84 | 1,412.57 | 5.0667 | 18.7877 | 1.8033 | 11.7958 | 60.285 |
| Dec. | 4.0057 | 157.21 | 1,423.13 | 5.0826 | 18.7665 | 1.7556 | 11.5333 | 60.593 |
| 2024 Jan. | 4.0493 | 159.46 | 1,447.18 | 5.1105 | 18.6268 | 1.7673 | 11.3501 | 61.090 |
| Feb. | 3.9345 | 161.38 | 1,437.37 | 5.1468 | 18.4425 | 1.7618 | 11.3843 | 60.486 |
| Mar. | 3.9442 | 162.77 | 1,448.12 | 5.1272 | 18.2610 | 1.7869 | 11.5214 | 60.736 |
| Apr. | 4.0240 | 165.03 | 1,469.42 | 5.1139 | 18.0066 | 1.7992 | 11.6828 | 61.171 |

| Other European and non-European countries (cont'd) | | | | | | | | |
|--|-------------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|------------------|
| | Russian Federation | Singapore | South Africa | Switzerland | Thailand | Turkey | United Kingdom | United States |
| | Russian rouble RUB 1 | Singapore dollar SGD | South African rand ZAR | Swiss franc CHF | Thai baht THB | Turkish lira TRY | Pound sterling GBP | US dollar USD |
| 2022 | – | 1.4512 | 17.2086 | 1.0047 | 36.856 | 17.4088 | 0.85276 | 1.0530 |
| 2023 | – | 1.4523 | 19.9551 | 0.9718 | 37.631 | 25.7597 | 0.86979 | 1.0813 |
| 2022 Mar. | – | 1.4972 | 16.5138 | 1.0245 | 36.648 | 16.1233 | 0.83638 | 1.1019 |
| Apr. | – | 1.4775 | 16.2796 | 1.0211 | 36.559 | 15.9311 | 0.83655 | 1.0819 |
| May | – | 1.4621 | 16.8131 | 1.0355 | 36.392 | 16.5412 | 0.84969 | 1.0579 |
| June | – | 1.4624 | 16.6961 | 1.0245 | 36.928 | 17.9599 | 0.85759 | 1.0566 |
| July | – | 1.4211 | 17.1606 | 0.9876 | 37.028 | 17.7896 | 0.84955 | 1.0179 |
| Aug. | – | 1.4016 | 16.9182 | 0.9690 | 36.306 | 18.2701 | 0.84499 | 1.0128 |
| Sep. | – | 1.3999 | 17.3828 | 0.9640 | 36.670 | 18.1465 | 0.87463 | 0.9904 |
| Oct. | – | 1.4003 | 17.8214 | 0.9791 | 37.286 | 18.2655 | 0.87058 | 0.9826 |
| Nov. | – | 1.4144 | 17.8328 | 0.9842 | 37.087 | 18.9877 | 0.86892 | 1.0201 |
| Dec. | – | 1.4313 | 18.3036 | 0.9865 | 36.817 | 19.7613 | 0.86950 | 1.0589 |
| 2023 Jan. | – | 1.4283 | 18.4320 | 0.9961 | 35.840 | 20.2312 | 0.88212 | 1.0769 |
| Feb. | – | 1.4262 | 19.1765 | 0.9905 | 36.486 | 20.1981 | 0.88550 | 1.0715 |
| Mar. | – | 1.4354 | 19.5602 | 0.9908 | 36.912 | 20.3491 | 0.88192 | 1.0706 |
| Apr. | – | 1.4609 | 19.9205 | 0.9846 | 37.549 | 21.2267 | 0.88115 | 1.0968 |
| May | – | 1.4555 | 20.6864 | 0.9751 | 37.166 | 21.4918 | 0.87041 | 1.0868 |
| June | – | 1.4596 | 20.3033 | 0.9764 | 37.852 | 25.7697 | 0.85861 | 1.0840 |
| July | – | 1.4753 | 20.1074 | 0.9663 | 38.243 | 29.3212 | 0.85856 | 1.1058 |
| Aug. | – | 1.4735 | 20.4723 | 0.9588 | 38.195 | 29.3788 | 0.85892 | 1.0909 |
| Sep. | – | 1.4562 | 20.2780 | 0.9600 | 38.301 | 28.8643 | 0.86158 | 1.0684 |
| Oct. | – | 1.4462 | 20.1390 | 0.9547 | 38.549 | 29.4506 | 0.86798 | 1.0563 |
| Nov. | – | 1.4575 | 20.0397 | 0.9634 | 38.327 | 30.9786 | 0.87045 | 1.0808 |
| Dec. | – | 1.4533 | 20.3373 | 0.9441 | 38.176 | 31.7243 | 0.86168 | 1.0903 |
| 2024 Jan. | – | 1.4569 | 20.5161 | 0.9368 | 38.401 | 32.8165 | 0.85873 | 1.0905 |
| Feb. | – | 1.4513 | 20.5082 | 0.9462 | 38.709 | 33.2644 | 0.85466 | 1.0795 |
| Mar. | – | 1.4573 | 20.4955 | 0.9656 | 39.079 | 34.8229 | 0.85524 | 1.0872 |
| Apr. | – | 1.4554 | 20.2378 | 0.9761 | 39.454 | 34.6926 | 0.85658 | 1.0728 |

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 The ECB has suspended

the publication of the euro foreign exchange reference rate against the Russian rouble with effect from 2 March 2022.

II. Euro foreign exchange reference rates of the European Central Bank *

3. End-of-year rates and annual averages

EUR 1 = CU ...

| EU member countries | | | | | | | | | |
|--------------------------|----------------------|----------------------|---------------------|---------------------|--------------------------|----------------------------|---------------------|----------------------------|---------------------|
| | Bulgaria | Croatia ¹ | Czechia | Denmark | Estonia ¹ | Hungary | Latvia ¹ | Lithuania ¹ | Poland |
| Period | Bulgarian lev BGN | Kuna HRK | Czech koruna CZK | Danish krone DKK | Estonian kroon EEK | Hungarian forint HUF | Latvian lats LVL | Lithuanian litas LTL | Polish zloty PLN |
| End of year | | | | | | | | | |
| 2010 | 1.9558 | 7.3830 | 25.061 | 7.4535 | 15.6466 | 277.95 | 0.709400 | 3.4528 | 3.9750 |
| 2011 | 1.9558 | 7.5370 | 25.787 | 7.4342 | – | 314.58 | 0.699500 | 3.4528 | 4.4580 |
| 2012 | 1.9558 | 7.5575 | 25.151 | 7.4610 | – | 292.30 | 0.697700 | 3.4528 | 4.0740 |
| 2013 | 1.9558 | 7.6265 | 27.427 | 7.4593 | – | 297.04 | 0.702804 | 3.4528 | 4.1543 |
| 2014 | 1.9558 | 7.6580 | 27.735 | 7.4453 | – | 315.54 | – | 3.4528 | 4.2732 |
| 2015 | 1.9558 | 7.6380 | 27.023 | 7.4626 | – | 315.98 | – | – | 4.2639 |
| 2016 | 1.9558 | 7.5597 | 27.021 | 7.4344 | – | 309.83 | – | – | 4.4103 |
| 2017 | 1.9558 | 7.4400 | 25.535 | 7.4449 | – | 310.33 | – | – | 4.1770 |
| 2018 | 1.9558 | 7.4125 | 25.724 | 7.4673 | – | 320.98 | – | – | 4.3014 |
| 2019 | 1.9558 | 7.4395 | 25.408 | 7.4715 | – | 330.53 | – | – | 4.2568 |
| 2020 | 1.9558 | 7.5519 | 26.242 | 7.4409 | – | 363.89 | – | – | 4.5597 |
| 2021 | 1.9558 | 7.5156 | 24.858 | 7.4364 | – | 369.19 | – | – | 4.5969 |
| 2022 | 1.9558 | 7.5365 | 24.116 | 7.4365 | – | 400.87 | – | – | 4.6808 |
| 2023 | 1.9558 | – | 24.724 | 7.4529 | – | 382.80 | – | – | 4.3395 |
| Annual averages + | | | | | | | | | |
| 2010 | 1.9558 | 7.2891 | 25.284 | 7.4473 | 15.6466 | 275.48 | 0.7087 | 3.4528 | 3.9947 |
| 2011 | 1.9558 | 7.4390 | 24.590 | 7.4506 | – | 279.37 | 0.7063 | 3.4528 | 4.1206 |
| 2012 | 1.9558 | 7.5217 | 25.149 | 7.4437 | – | 289.25 | 0.6973 | 3.4528 | 4.1847 |
| 2013 | 1.9558 | 7.5786 | 25.980 | 7.4579 | – | 296.87 | 0.7015 | 3.4528 | 4.1975 |
| 2014 | 1.9558 | 7.6344 | 27.536 | 7.4548 | – | 308.71 | – | 3.4528 | 4.1843 |
| 2015 | 1.9558 | 7.6137 | 27.279 | 7.4587 | – | 310.00 | – | – | 4.1841 |
| 2016 | 1.9558 | 7.5333 | 27.034 | 7.4452 | – | 311.44 | – | – | 4.3632 |
| 2017 | 1.9558 | 7.4637 | 26.326 | 7.4386 | – | 309.19 | – | – | 4.2570 |
| 2018 | 1.9558 | 7.4182 | 25.647 | 7.4532 | – | 318.89 | – | – | 4.2615 |
| 2019 | 1.9558 | 7.4180 | 25.670 | 7.4661 | – | 325.30 | – | – | 4.2976 |
| 2020 | 1.9558 | 7.5384 | 26.455 | 7.4542 | – | 351.25 | – | – | 4.4430 |
| 2021 | 1.9558 | 7.5284 | 25.640 | 7.4370 | – | 358.52 | – | – | 4.5652 |
| 2022 | 1.9558 | 7.5349 | 24.566 | 7.4396 | – | 391.29 | – | – | 4.6861 |
| 2023 | 1.9558 | – | 24.004 | 7.4509 | – | 381.85 | – | – | 4.5420 |

| EU member countries (cont'd) | | Other European and non-European countries | | | | | | |
|------------------------------|------------------------|---|-----------------------------|-----------------------|---------------------------|------------------------|----------------------------|--|
| | Romania | Sweden | Australia | Brazil | Canada | China | Hong Kong | Iceland |
| Period | Romanian leu RON | Swedish krona SEK | Australian dollar AUD | Brazilian real BRL | Canadian dollar CAD | Yuan (renminbi) CNY | Hong Kong dollar HKD | Icelandic krona ISK ² |
| End of year | | | | | | | | |
| 2010 | 4.2620 | 8.9655 | 1.3136 | 2.2177 | 1.3322 | 8.8220 | 10.3856 | – |
| 2011 | 4.3233 | 8.9120 | 1.2723 | 2.4159 | 1.3215 | 8.1588 | 10.0510 | – |
| 2012 | 4.4445 | 8.5820 | 1.2712 | 2.7036 | 1.3137 | 8.2207 | 10.2260 | – |
| 2013 | 4.4710 | 8.8591 | 1.5423 | 3.2576 | 1.4671 | 8.3491 | 10.6933 | – |
| 2014 | 4.4828 | 9.3930 | 1.4829 | 3.2207 | 1.4063 | 7.5358 | 9.4170 | – |
| 2015 | 4.5240 | 9.1895 | 1.4897 | 4.3117 | 1.5116 | 7.0608 | 8.4376 | – |
| 2016 | 4.5390 | 9.5525 | 1.4596 | 3.4305 | 1.4188 | 7.3202 | 8.1751 | – |
| 2017 | 4.6585 | 9.8438 | 1.5346 | 3.9729 | 1.5039 | 7.8044 | 9.3720 | – |
| 2018 | 4.6635 | 10.2548 | 1.6220 | 4.4440 | 1.5605 | 7.8751 | 8.9675 | 133.20 |
| 2019 | 4.7830 | 10.4468 | 1.5995 | 4.5157 | 1.4598 | 7.8205 | 8.7473 | 135.80 |
| 2020 | 4.8683 | 10.0343 | 1.5896 | 6.3735 | 1.5633 | 8.0225 | 9.5142 | 156.10 |
| 2021 | 4.9490 | 10.2503 | 1.5615 | 6.3101 | 1.4393 | 7.1947 | 8.8333 | 147.60 |
| 2022 | 4.9495 | 11.1218 | 1.5693 | 5.6386 | 1.4440 | 7.3582 | 8.3163 | 151.50 |
| 2023 | 4.9756 | 11.0960 | 1.6263 | 5.3618 | 1.4642 | 7.8509 | 8.6314 | 150.50 |
| Annual averages + | | | | | | | | |
| 2010 | 4.2122 | 9.5373 | 1.4423 | 2.3314 | 1.3651 | 8.9712 | 10.2994 | – |
| 2011 | 4.2391 | 9.0298 | 1.3484 | 2.3265 | 1.3761 | 8.9960 | 10.8362 | – |
| 2012 | 4.4593 | 8.7041 | 1.2407 | 2.5084 | 1.2842 | 8.1052 | 9.9663 | – |
| 2013 | 4.4190 | 8.6515 | 1.3777 | 2.8687 | 1.3684 | 8.1646 | 10.3016 | – |
| 2014 | 4.4437 | 9.0985 | 1.4719 | 3.1211 | 1.4661 | 8.1857 | 10.3025 | – |
| 2015 | 4.4454 | 9.3535 | 1.4777 | 3.7004 | 1.4186 | 6.9733 | 8.6014 | – |
| 2016 | 4.4904 | 9.4689 | 1.4883 | 3.8561 | 1.4659 | 7.3522 | 8.5922 | – |
| 2017 | 4.5688 | 9.6351 | 1.4732 | 3.6054 | 1.4647 | 7.6290 | 8.8045 | – |
| 2018 | 4.6540 | 10.2583 | 1.5797 | 4.3085 | 1.5294 | 7.8081 | 9.2559 | 127.89 |
| 2019 | 4.7453 | 10.5891 | 1.6109 | 4.4134 | 1.4855 | 7.7355 | 8.7715 | 137.28 |
| 2020 | 4.8383 | 10.4848 | 1.6549 | 5.8943 | 1.5300 | 7.8747 | 8.8587 | 154.59 |
| 2021 | 4.9215 | 10.1465 | 1.5749 | 6.3779 | 1.4826 | 7.6282 | 9.1932 | 150.15 |
| 2022 | 4.9313 | 10.6296 | 1.5167 | 5.4399 | 1.3695 | 7.0788 | 8.2451 | 142.24 |
| 2023 | 4.9467 | 11.4788 | 1.6288 | 5.4010 | 1.4595 | 7.6600 | 8.4650 | 149.13 |

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Accession to the euro

area, see p. 7 (Table I. 1.). ² The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018.

II. Euro foreign exchange reference rates of the European Central Bank *

3. End-of-year rates and annual averages (cont'd)

EUR 1 = CU ...

| Other European and non-European countries (cont'd) | | | | | | | | | |
|--|------------------------------|--|--|------------------------------|---|---|----------------------------------|---|-------------------------------------|
| Period | India Indian rupee INR | Indonesia Indonesian rupiah IDR | Israel New shekel ILS ¹ | Japan Japanese yen JPY | Korea, Republic of South Korean won KRW | Malaysia Malaysian ringgit MYR | Mexico Mexican peso MXN | New Zealand New Zealand dollar NZD | Norway Norwegian krone NOK |
| End of year | | | | | | | | | |
| 2010 | 59.7580 | 12,002.14 | 4.7321 | 108.65 | 1,499.06 | 4.0950 | 16.5475 | 1.7200 | 7.8000 |
| 2011 | 68.7130 | 11,731.47 | 4.9453 | 100.20 | 1,498.69 | 4.1055 | 18.0512 | 1.6737 | 7.7540 |
| 2012 | 72.5600 | 12,713.97 | 4.9258 | 113.61 | 1,406.23 | 4.0347 | 17.1845 | 1.6045 | 7.3483 |
| 2013 | 85.3660 | 16,764.78 | 4.7880 | 144.72 | 1,450.93 | 4.5221 | 18.0731 | 1.6762 | 8.3630 |
| 2014 | 76.7190 | 15,076.10 | 4.7200 | 145.23 | 1,324.80 | 4.2473 | 17.8679 | 1.5525 | 9.0420 |
| 2015 | 72.0215 | 15,039.99 | 4.2481 | 131.07 | 1,280.78 | 4.6959 | 18.9145 | 1.5923 | 9.6030 |
| 2016 | 71.5935 | 14,173.43 | 4.0477 | 123.40 | 1,269.36 | 4.7287 | 21.7719 | 1.5158 | 9.0863 |
| 2017 | 76.6055 | 16,239.12 | 4.1635 | 135.01 | 1,279.61 | 4.8536 | 23.6612 | 1.6850 | 9.8403 |
| 2018 | 79.7298 | 16,500.00 | 4.2972 | 125.85 | 1,277.93 | 4.7317 | 22.4921 | 1.7056 | 9.9483 |
| 2019 | 80.1870 | 15,595.60 | 3.8845 | 121.94 | 1,296.28 | 4.5953 | 21.2202 | 1.6653 | 9.8638 |
| 2020 | 89.6605 | 17,240.76 | 3.9447 | 126.49 | 1,336.00 | 4.9340 | 24.4160 | 1.6984 | 10.4703 |
| 2021 | 84.2292 | 16,100.42 | 3.5159 | 130.38 | 1,346.38 | 4.7184 | 23.1438 | 1.6579 | 9.9888 |
| 2022 | 88.1710 | 16,519.82 | 3.7554 | 140.66 | 1,344.09 | 4.6984 | 20.8560 | 1.6798 | 10.5138 |
| 2023 | 91.9045 | 17,079.71 | 3.9993 | 156.33 | 1,433.66 | 5.0775 | 18.7231 | 1.7504 | 11.2405 |
| Annual averages + | | | | | | | | | |
| 2010 | 60.5878 | 12,041.70 | 4.9457 | 116.24 | 1,531.82 | 4.2668 | 16.7373 | 1.8377 | 8.0043 |
| 2011 | 64.8859 | 12,206.51 | 4.9775 | 110.96 | 1,541.23 | 4.2558 | 17.2877 | 1.7600 | 7.7934 |
| 2012 | 68.5973 | 12,045.73 | 4.9536 | 102.49 | 1,447.69 | 3.9672 | 16.9029 | 1.5867 | 7.4751 |
| 2013 | 77.9300 | 13,857.50 | 4.7948 | 129.66 | 1,453.91 | 4.1855 | 16.9641 | 1.6206 | 7.8067 |
| 2014 | 81.0406 | 15,748.92 | 4.7449 | 140.31 | 1,398.14 | 4.3446 | 17.6550 | 1.5995 | 8.3544 |
| 2015 | 71.1956 | 14,870.39 | 4.3122 | 134.31 | 1,256.54 | 4.3373 | 17.6157 | 1.5930 | 8.9496 |
| 2016 | 74.3717 | 14,720.83 | 4.2489 | 120.20 | 1,284.18 | 4.5835 | 20.6673 | 1.5886 | 9.2906 |
| 2017 | 73.5324 | 15,118.01 | 4.0622 | 126.71 | 1,276.74 | 4.8527 | 21.3286 | 1.5897 | 9.3270 |
| 2018 | 80.7332 | 16,803.22 | 4.2423 | 130.40 | 1,299.07 | 4.7634 | 22.7054 | 1.7065 | 9.5975 |
| 2019 | 78.8361 | 15,835.27 | 3.9901 | 122.01 | 1,305.32 | 4.6374 | 21.5565 | 1.6998 | 9.8511 |
| 2020 | 84.6392 | 16,627.37 | 3.9258 | 121.85 | 1,345.58 | 4.7959 | 24.5194 | 1.7561 | 10.7228 |
| 2021 | 87.4392 | 16,920.72 | 3.8208 | 129.88 | 1,354.06 | 4.9015 | 23.9852 | 1.6724 | 10.1633 |
| 2022 | 82.6864 | 15,625.25 | 3.5345 | 138.03 | 1,358.07 | 4.6279 | 21.1869 | 1.6582 | 10.1026 |
| 2023 | 89.3001 | 16,479.62 | 3.9880 | 151.99 | 1,412.88 | 4.9320 | 19.1830 | 1.7622 | 11.4248 |

| Other European and non-European countries (cont'd) | | | | | | | | | |
|--|---------------------------------------|---|---|--|-----------------------------------|------------------------------|-------------------------------|--|-----------------------------------|
| Period | Philippines Philippine peso PHP | Russian Federation Russian rouble RUB ² | Singapore Singapore dollar SGD | South Africa South African rand ZAR | Switzerland Swiss franc CHF | Thailand Thai baht THB | Turkey Turkish lira TRY | United Kingdom Pound sterling GBP | United States US dollar USD |
| End of year | | | | | | | | | |
| 2010 | 58.300 | 40.8200 | 1.7136 | 8.8625 | 1.2504 | 40.170 | 2.0694 | 0.86075 | 1.3362 |
| 2011 | 56.754 | 41.7650 | 1.6819 | 10.4830 | 1.2156 | 40.991 | 2.4432 | 0.83530 | 1.2939 |
| 2012 | 54.107 | 40.3295 | 1.6111 | 11.1727 | 1.2072 | 40.347 | 2.3551 | 0.81610 | 1.3194 |
| 2013 | 61.289 | 45.3246 | 1.7414 | 14.5660 | 1.2276 | 45.178 | 2.9605 | 0.83370 | 1.3791 |
| 2014 | 54.436 | 72.3370 | 1.6058 | 14.0353 | 1.2024 | 39.910 | 2.8320 | 0.77890 | 1.2141 |
| 2015 | 50.999 | 80.6736 | 1.5417 | 16.9530 | 1.0835 | 39.248 | 3.1765 | 0.73395 | 1.0887 |
| 2016 | 52.268 | 64.3000 | 1.5234 | 14.4570 | 1.0739 | 37.726 | 3.7072 | 0.85618 | 1.0541 |
| 2017 | 59.795 | 69.3920 | 1.6024 | 14.8054 | 1.1702 | 39.121 | 4.5464 | 0.88723 | 1.1993 |
| 2018 | 60.113 | 79.7153 | 1.5591 | 16.4594 | 1.1269 | 37.052 | 6.0588 | 0.89453 | 1.1450 |
| 2019 | 56.900 | 69.9563 | 1.5111 | 15.7773 | 1.0854 | 33.415 | 6.6843 | 0.85080 | 1.1234 |
| 2020 | 59.125 | 91.4671 | 1.6218 | 18.0219 | 1.0802 | 36.727 | 9.1131 | 0.89903 | 1.2271 |
| 2021 | 57.763 | 85.3004 | 1.5279 | 18.0625 | 1.0331 | 37.653 | 15.2335 | 0.84028 | 1.1326 |
| 2022 | 59.320 | - | 1.4300 | 18.0986 | 0.9847 | 36.835 | 19.9649 | 0.88693 | 1.0666 |
| 2023 | 61.283 | - | 1.4591 | 20.3477 | 0.9260 | 37.973 | 32.6531 | 0.86905 | 1.1050 |
| Annual averages + | | | | | | | | | |
| 2010 | 59.739 | 40.2629 | 1.8055 | 9.6984 | 1.3803 | 42.014 | 1.9965 | 0.85784 | 1.3257 |
| 2011 | 60.260 | 40.8846 | 1.7489 | 10.0970 | 1.2326 | 42.429 | 2.3378 | 0.86788 | 1.3920 |
| 2012 | 54.246 | 39.9262 | 1.6055 | 10.5511 | 1.2053 | 39.928 | 2.3135 | 0.81087 | 1.2848 |
| 2013 | 56.428 | 42.3370 | 1.6619 | 12.8330 | 1.2311 | 40.830 | 2.5335 | 0.84926 | 1.3281 |
| 2014 | 58.979 | 50.9518 | 1.6823 | 14.4037 | 1.2146 | 43.147 | 2.9065 | 0.80612 | 1.3285 |
| 2015 | 50.522 | 68.0720 | 1.5255 | 14.1723 | 1.0679 | 38.028 | 3.0255 | 0.72584 | 1.1095 |
| 2016 | 52.556 | 74.1446 | 1.5275 | 16.2645 | 1.0902 | 39.043 | 3.3433 | 0.81948 | 1.1069 |
| 2017 | 56.973 | 65.9383 | 1.5588 | 15.0490 | 1.1117 | 38.296 | 4.1206 | 0.87667 | 1.1297 |
| 2018 | 62.210 | 74.0416 | 1.5926 | 15.6186 | 1.1550 | 38.164 | 5.7077 | 0.88471 | 1.1810 |
| 2019 | 57.985 | 72.4553 | 1.5273 | 16.1757 | 1.1124 | 34.757 | 6.3578 | 0.87777 | 1.1195 |
| 2020 | 56.615 | 82.7248 | 1.5742 | 18.7655 | 1.0705 | 35.708 | 8.0547 | 0.88970 | 1.1422 |
| 2021 | 58.299 | 87.1527 | 1.5891 | 17.4766 | 1.0811 | 37.837 | 10.5124 | 0.85960 | 1.1827 |
| 2022 | 57.314 | - | 1.4512 | 17.2086 | 1.0047 | 36.856 | 17.4088 | 0.85276 | 1.0530 |
| 2023 | 60.163 | - | 1.4523 | 19.9551 | 0.9718 | 37.631 | 25.7597 | 0.86979 | 1.0813 |

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Up to December 2010,

ECB indicative rates. ² The ECB has suspended the publication of the euro foreign exchange reference rate against the Russian rouble with effect from 2 March 2022.

II. Euro foreign exchange reference rates of the European Central Bank*

4. Exchange rates of major currencies

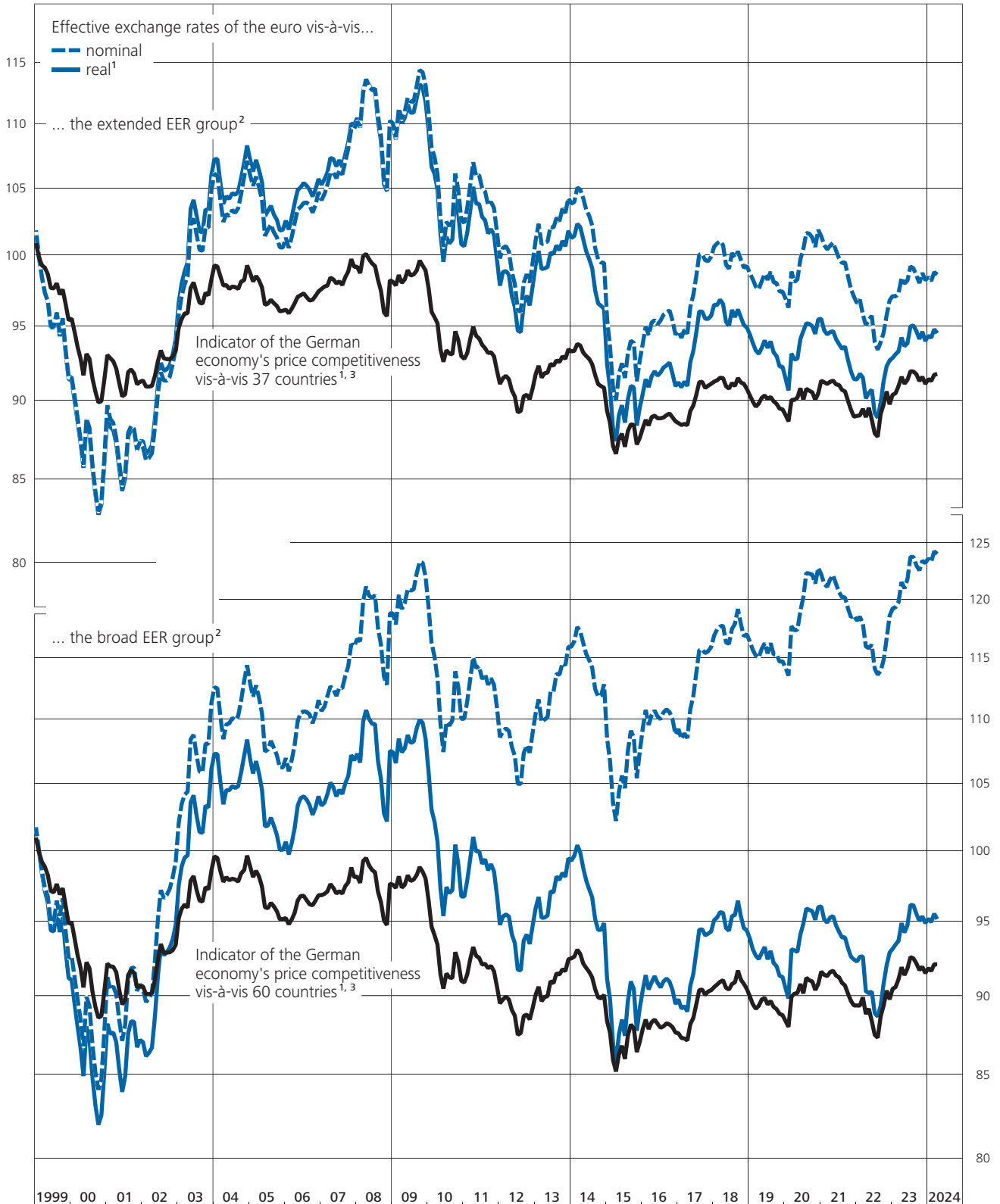


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

III. Effective exchange rates

1. Effective exchange rates of the euro and indicators of the German economy's price competitiveness*

Q1 1999 = 100, monthly averages, log. scale



* The weights are based on trade in manufactured goods and services. For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48–50. A decline in the figures implies an increase in com-

petitiveness. **1** Based on consumer price indices. **2** Includes the 18 respectively 41 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

III. Effective exchange rates

2. Effective exchange rates of the euro *

Q1 1999 = 100

| Yearly, quarterly or monthly average | Effective exchange rates of the euro vis-à-vis the currencies of the | | | | broad EER group of trading partners (fixed composition) 2 3 | |
|--------------------------------------|--|---|--|--|---|---|
| | extended EER group of trading partners (fixed composition) 1 | | | In real terms based on unit labour costs of national economy | Nominal | In real terms based on consumer price indices |
| | Nominal | In real terms based on consumer price indices | In real terms based on the deflators of gross domestic product | | | |
| 1999 | 96.2 | 96.1 | 95.8 | 96.1 | 96.5 | 95.9 |
| 2000 | 87.0 | 86.8 | 85.9 | 85.6 | 88.0 | 86.1 |
| 2001 | 87.4 | 87.1 | 86.6 | 84.5 | 90.1 | 86.9 |
| 2002 | 89.7 | 90.3 | 89.8 | 88.2 | 94.4 | 90.5 |
| 2003 | 100.5 | 101.6 | 101.1 | 99.4 | 106.5 | 101.7 |
| 2004 | 104.3 | 105.6 | 104.3 | 102.8 | 111.0 | 105.6 |
| 2005 | 102.9 | 104.3 | 102.3 | 101.0 | 109.1 | 103.2 |
| 2006 | 102.9 | 104.3 | 101.8 | 100.0 | 109.3 | 102.6 |
| 2007 | 106.5 | 107.3 | 104.1 | 101.8 | 112.9 | 104.8 |
| 2008 | 110.4 | 110.3 | 106.3 | 105.8 | 117.8 | 107.3 |
| 2009 | 111.9 | 111.1 | 107.4 | 109.4 | 120.8 | 108.3 |
| 2010 | 104.6 | 103.3 | 99.1 | 101.8 | 112.1 | 99.3 |
| 2011 | 104.4 | 102.4 | 97.2 | 100.0 | 112.9 | 98.8 |
| 2012 | 98.6 | 97.0 | 91.6 | 94.2 | 107.6 | 94.0 |
| 2013 | 102.2 | 100.1 | 94.7 | 97.1 | 112.4 | 97.0 |
| 2014 | 102.4 | 99.5 | 94.7 | 97.3 | 114.7 | 97.4 |
| 2015 | 92.5 | 89.6 | 86.0 | 86.6 | 106.1 | 88.7 |
| 2016 | 95.2 | 91.6 | 88.3 | p 87.9 | 110.1 | 90.7 |
| 2017 | 97.5 | 93.6 | 89.5 | p 88.8 | 112.5 | 92.0 |
| 2018 | 100.0 | 95.8 | 91.1 | p 90.6 | 117.3 | 95.1 |
| 2019 | 98.1 | 93.3 | 89.3 | p 88.1 | 115.5 | 92.5 |
| 2020 | 99.7 | 93.7 | 90.1 | p 89.4 | 119.2 | 93.9 |
| 2021 | 99.6 | 93.7 | p 89.4 | p 87.6 | 120.5 | 94.3 |
| 2022 | 95.3 | 90.8 | p 84.3 | p 82.8 | 116.1 | p 90.9 |
| 2023 | 98.1 | 94.0 | p 88.4 | p 86.5 | 121.8 | p 94.7 |
| 2022 May | 95.4 | 90.5 | p 84.1 | p 82.6 | 115.8 | p 90.2 |
| 2022 June | 95.7 | 90.7 | | | 116.1 | p 90.3 |
| 2022 July | 93.9 | 89.2 | | | 114.1 | p 88.9 |
| 2022 Aug. | 93.4 | 88.9 | p 82.4 | p 81.2 | 113.6 | p 88.6 |
| 2022 Sep. | 93.9 | 89.8 | | | 113.9 | p 89.3 |
| 2022 Oct. | 94.5 | 91.3 | | | 114.8 | p 90.8 |
| 2022 Nov. | 95.7 | 92.3 | p 85.1 | p 83.5 | 116.6 | p 92.0 |
| 2022 Dec. | 96.8 | 92.6 | | | 118.6 | p 92.9 |
| 2023 Jan. | 97.1 | 92.8 | | | 119.2 | p 93.1 |
| 2023 Feb. | 97.0 | 93.1 | p 87.2 | p 85.5 | 119.3 | p 93.4 |
| 2023 Mar. | 97.3 | 93.3 | | | 119.7 | p 93.6 |
| 2023 Apr. | 98.4 | 94.2 | | | 121.5 | p 94.9 |
| 2023 May | 98.0 | 93.6 | p 88.3 | p 85.9 | 120.9 | p 94.2 |
| 2023 June | 98.2 | 93.8 | | | 121.8 | p 94.7 |
| 2023 July | 99.2 | 95.0 | | | 123.7 | p 96.1 |
| 2023 Aug. | 99.0 | 95.0 | p 88.9 | p 87.3 | 123.7 | p 96.1 |
| 2023 Sep. | 98.5 | 94.6 | | | 123.0 | p 95.5 |
| 2023 Oct. | 98.0 | 94.1 | | | 122.5 | p 95.0 |
| 2023 Nov. | 98.7 | 94.6 | p 89.0 | p 87.1 | 123.4 | p 95.3 |
| 2023 Dec. | 98.2 | 93.9 | | | 123.2 | p 94.9 |
| 2024 Jan. | 98.4 | p 94.3 | | | 123.6 | p 95.2 |
| 2024 Feb. | 98.1 | p 94.2 | ... | ... | 123.3 | p 94.9 |
| 2024 Mar. | 98.8 | p 94.8 | | | 124.2 | p 95.5 |
| 2024 Apr. | 98.6 | p 94.5 | | | 124.0 | p 95.1 |
| 2024 Apr. 15 | 98.2 | - | - | - | 123.5 | - |
| 2024 Apr. 16 | 98.3 | - | - | - | 123.6 | - |
| 2024 Apr. 17 | 98.2 | - | - | - | 123.6 | - |
| 2024 Apr. 18 | 98.4 | - | - | - | 123.8 | - |
| 2024 Apr. 19 | 98.3 | - | - | - | 123.8 | - |
| 2024 Apr. 22 | 98.3 | - | - | - | 123.6 | - |
| 2024 Apr. 23 | 98.5 | - | - | - | 123.9 | - |
| 2024 Apr. 24 | 98.6 | - | - | - | 123.9 | - |
| 2024 Apr. 25 | 98.7 | - | - | - | 124.2 | - |
| 2024 Apr. 26 | 98.7 | - | - | - | 124.2 | - |
| 2024 Apr. 29 | 98.7 | - | - | - | 124.1 | - |
| 2024 Apr. 30 | 98.7 | - | - | - | 124.1 | - |
| 2024 May 2 | 98.5 | - | - | - | 123.9 | - |
| 2024 May 3 | 98.6 | - | - | - | 124.0 | - |
| 2024 May 6 | 98.6 | - | - | - | 124.1 | - |
| 2024 May 7 | 98.7 | - | - | - | 124.1 | - |
| 2024 May 8 | 98.7 | - | - | - | 124.1 | - |
| 2024 May 9 | 98.6 | - | - | - | 124.0 | - |
| 2024 May 10 | 98.8 | - | - | - | 124.3 | - |
| 2024 May 13 | 98.9 | - | - | - | 124.4 | - |
| 2024 May 14 | 98.9 | - | - | - | 124.4 | - |

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. **1** Includes the 18 most important trading partners for the euro area economy. **2** Includes the 41 most important trading partners for the euro area economy. **3** The ECB has suspended the publication

and calculation of the euro foreign exchange reference rate against Russian rouble with effect from March 2, 2022 until further notice. For the calculation of effective exchange rates, an indicative rate is used for the Russian Federation from that date. It is calculated from the daily RUB/USD rates determined by the Bank of Russia in conjunction with the respective ECB's euro foreign exchange reference rate to the US dollar.

III. Effective exchange rates

3. Indicators of the German economy's price competitiveness *

Q1 1999 = 100

| Yearly, quarterly or monthly average | Based on the deflators of total sales vis-à-vis | | | | | Based on consumer price indices vis-à-vis | | | | | | |
|--------------------------------------|---|---------------------|-------------------------|------|---------------------------|---|-------------------------|-------|------|------|---------------------------|-----------------------------|
| | 27 selected industrial countries ¹ | | | | 37 countries ² | 27 selected industrial countries ¹ | | | | | 37 countries ² | 60 countries ^{2 3} |
| | Total | of which: | | | | Total | of which: | | | | | |
| | | Euro area countries | Non-euro area countries | | Euro area countries | | Non-euro area countries | | | | | |
| 1999 | 97.9 | 99.6 | 95.7 | 97.7 | 97.7 | 98.3 | 100.1 | 96.1 | 98.1 | 97.8 | | |
| 2000 | 92.0 | 97.5 | 85.5 | 91.1 | 91.1 | 93.1 | 99.0 | 86.1 | 92.3 | 91.2 | | |
| 2001 | 91.7 | 96.6 | 86.0 | 90.5 | 90.5 | 93.0 | 98.1 | 86.9 | 91.7 | 91.1 | | |
| 2002 | 92.3 | 95.7 | 88.4 | 91.0 | 91.0 | 93.5 | 96.9 | 89.4 | 92.2 | 91.9 | | |
| 2003 | 95.9 | 94.8 | 97.5 | 95.3 | 95.3 | 97.0 | 95.7 | 99.0 | 96.7 | 96.8 | | |
| 2004 | 96.2 | 93.6 | 100.0 | 95.6 | 95.6 | 98.5 | 95.4 | 102.9 | 98.2 | 98.4 | | |
| 2005 | 94.8 | 92.1 | 98.8 | 93.3 | 93.3 | 98.5 | 95.2 | 103.2 | 97.2 | 96.8 | | |
| 2006 | 93.6 | 90.4 | 98.2 | 91.6 | 91.6 | 98.6 | 94.8 | 104.0 | 96.8 | 96.0 | | |
| 2007 | 94.6 | 89.7 | 102.1 | 92.1 | 92.1 | 100.9 | 95.1 | 109.6 | 98.3 | 97.4 | | |
| 2008 | 95.0 | 88.4 | 105.3 | 91.4 | 91.4 | 102.4 | 94.5 | 114.6 | 98.5 | 97.6 | | |
| 2009 | 95.3 | 89.2 | 104.7 | 92.1 | 92.1 | 101.9 | 94.4 | 113.5 | 98.6 | 97.9 | | |
| 2010 | 92.5 | 88.7 | 98.3 | 88.2 | 88.2 | 98.8 | 94.0 | 105.7 | 94.3 | 92.5 | | |
| 2011 | 92.1 | 88.5 | 97.7 | 87.4 | 87.4 | 98.2 | 93.7 | 104.8 | 93.5 | 91.9 | | |
| 2012 | 90.1 | 88.3 | 92.6 | 84.8 | 84.8 | 95.9 | 93.2 | 99.5 | 90.5 | 88.9 | | |
| 2013 | 92.4 | 88.8 | 97.6 | 86.7 | 86.7 | 98.1 | 93.3 | 105.2 | 92.3 | 90.9 | | |
| 2014 | 93.0 | 89.6 | 97.9 | 87.5 | 87.5 | 98.2 | 93.6 | 104.8 | 92.5 | 91.5 | | |
| 2015 | 89.8 | 90.2 | 89.1 | 83.6 | 83.6 | 94.3 | 94.1 | 94.4 | 87.8 | 86.9 | | |
| 2016 | 90.7 | 90.7 | 90.7 | 85.0 | 85.0 | 95.0 | 94.1 | 96.1 | 88.8 | 88.1 | | |
| 2017 | 92.0 | 90.8 | 93.6 | 85.8 | 85.8 | 96.3 | 94.2 | 99.2 | 89.9 | 88.9 | | |
| 2018 | 93.3 | 91.0 | 96.6 | 86.8 | 86.8 | 97.7 | 94.4 | 102.5 | 91.1 | 90.8 | | |
| 2019 | 92.3 | 91.2 | 93.9 | 85.9 | 85.9 | 96.4 | 94.3 | 99.3 | 89.9 | 89.4 | | |
| 2020 | 92.5 | 91.5 | 93.9 | 86.6 | 86.6 | 96.4 | 94.2 | 99.5 | 90.1 | 90.1 | | |
| 2021 | 93.6 | 91.9 | 96.0 | 86.9 | 86.9 | 97.4 | 94.8 | 101.0 | 90.6 | 90.9 | | |
| 2022 | 92.3 | 91.7 | 92.9 | 85.3 | 85.3 | 95.9 | 94.5 | 97.7 | 89.1 | 89.0 | | |
| 2023 | 93.9 | 92.1 | 96.5 | 87.4 | 87.4 | 98.0 | 95.3 | 101.9 | 91.3 | 91.6 | | |
| 2020 Nov. | 93.3 | 91.4 | 96.0 | 87.1 | 87.1 | 96.5 | 93.7 | 100.5 | 90.0 | 90.4 | | |
| 2020 Dec. | | | | | | 96.9 | 93.6 | 101.8 | 90.5 | 90.8 | | |
| 2021 Jan. | | | | | | 97.9 | 94.6 | 102.7 | 91.3 | 91.6 | | |
| 2021 Feb. | 93.6 | 91.6 | 96.4 | 87.2 | 87.2 | 98.0 | 94.9 | 102.3 | 91.2 | 91.4 | | |
| 2021 Mar. | | | | | | 97.7 | 94.8 | 101.8 | 91.1 | 91.3 | | |
| 2021 Apr. | | | | | | 97.9 | 95.0 | 102.2 | 91.2 | 91.5 | | |
| 2021 May | 93.5 | 91.5 | 96.5 | 86.8 | 86.8 | 98.1 | 95.0 | 102.6 | 91.3 | 91.6 | | |
| 2021 June | | | | | | 97.9 | 95.0 | 102.0 | 91.0 | 91.3 | | |
| 2021 July | | | | | | 97.8 | 95.3 | 101.3 | 91.0 | 91.2 | | |
| 2021 Aug. | 93.7 | 92.0 | 96.2 | 87.0 | 87.0 | 97.4 | 95.1 | 100.7 | 90.7 | 90.8 | | |
| 2021 Sep. | | | | | | 97.3 | 94.8 | 100.7 | 90.6 | 90.7 | | |
| 2021 Oct. | | | | | | 96.7 | 94.6 | 99.6 | 90.0 | 90.1 | | |
| 2021 Nov. | 93.6 | 92.5 | 95.1 | 86.5 | 86.5 | 96.1 | 94.3 | 98.6 | 89.4 | 89.6 | | |
| 2021 Dec. | | | | | | 95.8 | 94.1 | 97.9 | 88.9 | 89.4 | | |
| 2022 Jan. | | | | | | 96.0 | 94.2 | 98.4 | 89.0 | 89.4 | | |
| 2022 Feb. | 93.0 | 91.9 | 94.4 | 85.8 | 85.8 | 96.1 | 94.0 | 98.8 | 89.0 | 89.3 | | |
| 2022 Mar. | | | | | | 96.3 | 94.4 | 98.7 | 89.4 | 89.9 | | |
| 2022 Apr. | | | | | | 96.1 | 94.7 | 97.8 | 88.9 | 88.8 | | |
| 2022 May | 92.3 | 91.5 | 93.2 | 85.1 | 85.1 | 96.5 | 95.2 | 98.1 | 89.5 | 89.1 | | |
| 2022 June | | | | | | 95.7 | 94.2 | 97.6 | 88.7 | 88.4 | | |
| 2022 July | | | | | | 94.8 | 94.1 | 95.4 | 87.9 | 87.5 | | |
| 2022 Aug. | 91.5 | 91.5 | 91.1 | 84.5 | 84.5 | 94.5 | 93.9 | 94.9 | 87.7 | 87.3 | | |
| 2022 Sep. | | | | | | 95.9 | 94.9 | 96.9 | 89.1 | 88.7 | | |
| 2022 Oct. | | | | | | 96.0 | 94.6 | 97.6 | 89.7 | 89.4 | | |
| 2022 Nov. | 92.3 | 91.7 | 93.1 | 85.8 | 85.8 | 97.0 | 95.3 | 99.2 | 90.6 | 90.3 | | |
| 2022 Dec. | | | | | | 96.2 | 94.1 | 99.1 | 89.7 | 89.8 | | |
| 2023 Jan. | | | | | | 97.5 | 94.9 | 101.0 | 90.4 | 90.4 | | |
| 2023 Feb. | 93.3 | 91.6 | 95.7 | 86.4 | 86.4 | 97.6 | 95.0 | 101.2 | 90.5 | 90.6 | | |
| 2023 Mar. | | | | | | 98.0 | 95.4 | 101.7 | 90.9 | 91.1 | | |
| 2023 Apr. | | | | | | 98.5 | 95.6 | 102.8 | 91.5 | 91.9 | | |
| 2023 May | 93.6 | 91.8 | 96.3 | 87.0 | 87.0 | 98.1 | 95.3 | 101.9 | 91.1 | 91.3 | | |
| 2023 June | | | | | | 98.2 | 95.5 | 102.1 | 91.3 | 91.8 | | |
| 2023 July | | | | | | 98.5 | 95.4 | 102.9 | 91.9 | 92.5 | | |
| 2023 Aug. | 93.6 | 91.8 | 96.4 | 87.6 | 87.6 | 98.3 | 95.3 | 102.7 | 91.9 | 92.5 | | |
| 2023 Sep. | | | | | | 98.0 | 95.3 | 101.9 | 91.7 | 92.1 | | |
| 2023 Oct. | | | | | | 97.7 | 95.1 | 101.3 | 91.3 | 91.7 | | |
| 2023 Nov. | 94.9 | 93.0 | 97.6 | 88.6 | 88.6 | 98.2 | 95.2 | 102.4 | 91.5 | 91.9 | | |
| 2023 Dec. | | | | | | 97.6 | 95.0 | 101.4 | 91.1 | 91.5 | | |
| 2024 Jan. | | | | | | 97.8 | 95.1 | 101.6 | p | 91.4 | | |
| 2024 Feb. | ... | ... | ... | ... | ... | 97.6 | 95.0 | 101.4 | p | 91.3 | | |
| 2024 Mar. | | | | | | 98.0 | 95.1 | 102.2 | p | 91.7 | | |
| 2024 Apr. | | | | | | p | 98.2 | p | 95.2 | p | 91.7 | |

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes euro area countries (moving composition) as well as the 8 most important trading partners for the German

economy. ² Includes the 37 respectively 60 most important trading partners for the German economy. ³ As of March 2022, for the Russian Federation a monthly average indicative rate is used. It is calculated from the daily RUB/USD rates determined by the Bank of Russia in conjunction with the respective ECB's euro foreign exchange reference rate to the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|----------------------------|---------------------------------------|-----------------|-----------|------------------------|----------------------|--------------|--------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Afghanistan | | | | | | | |
| Kabul | Afghani = 100 puls | B | USD 1 = | AFN 81.1828 | AFN 72.6550 | AFN 71.6691 | AFN 72.4189 |
| | | S | USD 1 = | AFN 81.2828 | AFN 72.7550 | AFN 71.7691 | AFN 72.5189 |
| | AFN | B | EUR 1 = | AFN 87.5552 | AFN 78.2180 | AFN 76.9267 | AFN 77.1447 |
| | | S | EUR 1 = | AFN 87.8152 | AFN 78.4780 | AFN 77.1867 | AFN 77.4047 |
| Albania | | | | | | | |
| Tirana | Albanian lek = 100 qindarka ALL | M | USD 1 = | ALL 100.32 | ALL 95.92 | ALL 95.37 | ALL 93.77 |
| | | M | EUR 1 = | ALL 108.68 | ALL 103.99 | ALL 102.87 | ALL 100.64 |
| Algeria | | | | | | | |
| Algiers | Algerian dinar = 100 centimes | B | USD 1 = | DZD 135.8504 | DZD 134.4497 | DZD 134.4410 | DZD 134.4044 |
| | | S | USD 1 = | DZD 135.8654 | DZD 134.4647 | DZD 134.4560 | DZD 134.4194 |
| | DZD | B | EUR 1 = | DZD 146.8145 | DZD 145.6090 | DZD 144.9946 | DZD 143.9337 |
| | | S | EUR 1 = | DZD 146.8689 | DZD 145.6522 | DZD 145.0242 | DZD 144.0035 |
| Angola | | | | | | | |
| Luanda | Kwanza = 100 cêntimos AOA | M | USD 1 = | AOA 698.829 | AOA 828.514 | AOA 832.633 | AOA 834.060 |
| | | M | EUR 1 = | AOA 757.524 | AOA 897.032 | AOA 900.231 | AOA 892.695 |
| Antigua und Barbuda | | | | | | | |
| St John's | East Caribbean dollar = 100 cents | 2 B | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | 2 S | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | XCD | V, B | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 |
| | | V, S | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 |
| Argentina 1 | | | | | | | |
| Buenos Aires | Argentine peso = 100 centavos | B | USD 1 = | ARS 294.6068 | ARS 839.2000 | ARS 855.0000 | ARS 873.5000 |
| | | S | USD 1 = | ARS 295.2949 | ARS 842.2000 | ARS 858.0000 | ARS 876.5000 |
| | ARS | B | EUR 1 = | ARS 318.5998 | ARS 905.4968 | ARS 924.1695 | ARS 932.0245 |
| | | S | EUR 1 = | ARS 320.0821 | ARS 910.8393 | ARS 929.5572 | ARS 937.4168 |
| Armenia | | | | | | | |
| Yerevan | Armenian dram = 100 luma AMD | M | USD 1 = | AMD 392.40 | AMD 404.16 | AMD 393.28 | AMD 388.00 |
| | | M | EUR 1 = | AMD 425.25 | AMD 438.03 | AMD 424.11 | AMD 416.21 |
| Aruba | | | | | | | |
| Oranjestad | Aruban florin = 100 cents | 2 B | USD 1 = | AWG 1.78 | AWG 1.78 | AWG 1.78 | AWG 1.78 |
| | | 2 S | USD 1 = | AWG 1.80 | AWG 1.80 | AWG 1.80 | AWG 1.80 |
| | AWG | B | EUR 100 = | AWG 192.89 | AWG 193.05 | AWG 192.25 | AWG 191.01 |
| | | S | EUR 100 = | AWG 194.83 | AWG 194.99 | AWG 194.18 | AWG 192.93 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|----------------------|---|-----------------|---------|------------------------|----------------------|---------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Australia | | | | | | | |
| Canberra | Australian dollar = 100 cents AUD | M | AUD 1 = | USD 0.6644 | USD 0.6519 | USD 0.6532 | USD 0.6525 |
| | | M | AUD 1 = | EUR 0.6126 | EUR 0.6017 | EUR 0.6035 | EUR 0.6098 |
| Austria | | | | | | | |
| Vienna | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Azerbaijan | | | | | | | |
| Baku | Azerbaijan manat = 100 qapik AZN | M | USD 1 = | AZN 1.7000 | AZN 1.7000 | AZN 1.7000 | AZN 1.7000 |
| | | M | EUR 1 = | AZN 1.8436 | AZN 1.8423 | AZN 1.8320 | AZN 1.8199 |
| Bahamas | | | | | | | |
| Nassau | Bahamian dollar = 100 cents BSD | 2 B | USD 1 = | BSD 0.9950 | BSD 0.9950 | BSD 0.9950 | BSD 0.9950 |
| | | 2 S | USD 1 = | BSD 1.0125 | BSD 1.0125 | BSD 1.0125 | BSD 1.0125 |
| | | V, B | EUR 1 = | BSD 1.07589 | BSD 1.07719 | BSD 1.07569 | BSD 1.06644 |
| | | V, S | EUR 1 = | BSD 1.09482 | BSD 1.09613 | BSD 1.09461 | BSD 1.08520 |
| Bahrain | | | | | | | |
| Manama | Bahraini dinar = 1,000 fils BHD | 2 | USD 1 = | BHD 0.376081 | BHD 0.376081 | BHD 0.376081 | BHD 0.376081 |
| | | M | EUR 1 = | BHD 0.4078804 | BHD 0.4075400 | BHD 0.4055850 | BHD 0.4029710 |
| Bangladesh 1 | | | | | | | |
| Dhaka | Taka = 100 poisha BDT | B | USD 1 = | BDT 106.8750 | BDT 109.5000 | BDT 109.5000 | BDT 109.5000 |
| | | S | USD 1 = | BDT 108.5308 | BDT 110.0000 | BDT 110.0000 | BDT 110.0000 |
| | | B | EUR 1 = | BDT 115.4373 | BDT 118.3257 | BDT 118.1615 | BDT 116.8475 |
| | | S | EUR 1 = | BDT 122.0670 | BDT 130.2070 | BDT 127.8750 | BDT 126.5550 |
| Barbados | | | | | | | |
| Bridgetown | Barbados dollar = 100 cents BBD | 2 B | USD 1 = | BBD 1.99375 | BBD 1.99375 | BBD 1.99375 | BBD 1.99375 |
| | | 2 S | USD 1 = | BBD 2.02768 | BBD 2.02768 | BBD 2.02768 | BBD 2.02768 |
| | | B | EUR 1 = | BBD 2.15904 | BBD 2.15821 | BBD 2.15462 | BBD 2.13491 |
| | | S | EUR 1 = | BBD 2.19951 | BBD 2.19867 | BBD 2.19502 | BBD 2.17493 |
| Belarus | | | | | | | |
| Minsk | Belarusian rouble = 100 kopecks BYN | M | USD 1 = | BYN 3.0148 | BYN 3.2391 | BYN 3.2498 | BYN 3.2542 |
| | | M | EUR 1 = | BYN 3.2659 | BYN 3.4987 | BYN 3.5019 | BYN 3.4864 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | | | |
|---|---|---|------------------------------------|------------------------|----------------------|--------------|--------------|--------------|----------|
| | | | | | February 2024 | March 2024 | April 2024 | | |
| Belgium | | | | | | | | | |
| Brussels | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 | | |
| Belize | | | | | | | | | |
| Belmopan | Belize dollar = 100 cents BZD | 2 | B | USD 1 = | BZD 1.9927 | BZD 2.0000 | BZD 2.0000 | BZD 2.0000 | |
| | | | S | USD 1 = | BZD 2.0175 | BZD 2.0175 | BZD 2.0175 | BZD 2.0175 | |
| | | 3 | B | EUR 1 = | BZD 2.1479 | BZD 2.1486 | BZD 2.1441 | BZD 2.1225 | |
| | | | S | EUR 1 = | BZD 2.1859 | BZD 2.1866 | BZD 2.1819 | BZD 2.1599 | |
| Benin ¹ | | | | | | | | | |
| Porto-Novo Seat of government: Cotonou | CFA franc XOF | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 | | |
| | | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 | |
| | | 4 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 | | |
| Bermuda | | | | | | | | | |
| Hamilton | Bermudian dollar = 100 cents BMD | 2 | B | USD 1 = | BMD 0.9960 | BMD 0.9960 | BMD 0.9960 | BMD 0.9960 | |
| | | | S | USD 1 = | BMD 1.0043 | BMD 1.0043 | BMD 1.0043 | BMD 1.0043 | |
| | | V, B | EUR 1 = | BMD 1.0770 | BMD 1.0783 | BMD 1.0768 | BMD 1.0675 | | |
| | | | V, S | EUR 1 = | BMD 1.0859 | BMD 1.0873 | BMD 1.0857 | BMD 1.0764 | |
| Bhutan ¹ | | | | | | | | | |
| Thimphu | Ngultrum = 100 chhetrum BTN | B | USD 1 = | BTN 81.96 | BTN 82.72 | BTN 83.15 | BTN . | | |
| | | | S | USD 1 = | BTN 83.90 | BTN 84.25 | BTN 84.70 | BTN . | |
| | | B | EUR 1 = | BTN 88.75 | BTN 89.35 | BTN 90.05 | BTN . | | |
| | | | S | EUR 1 = | BTN 90.50 | BTN 90.65 | BTN 91.35 | BTN . | |
| | | Bolivia, Plurinational State of | | | | | | | |
| | | Sucre Seat of government: La Paz | Boliviano = 100 centavos BOB | B | USD 1 = | BOB 6.86 | BOB 6.86 | BOB 6.86 | BOB 6.86 |
| S | USD 1 = | | | | BOB 6.96 | BOB 6.96 | BOB 6.96 | | |
| V, B | EUR 1 = | | | BOB 7.4183 | BOB 7.4266 | BOB 7.4163 | BOB 7.3525 | | |
| | V, S | | | EUR 1 = | BOB 7.5265 | BOB 7.5349 | BOB 7.5245 | BOB 7.4597 | |
| Bosnia and Herzegovina | | | | | | | | | |
| Sarajevo | Convertible marka = 100 feninga BAM | B | USD 1 = | BAM 1.800222 | BAM 1.805089 | BAM 1.804588 | BAM 1.819907 | | |
| | | | S | USD 1 = | BAM 1.809246 | BAM 1.814137 | BAM 1.813634 | BAM 1.829029 | |
| | | 4 | EUR 1 = | BAM 1.95583 | BAM 1.95583 | BAM 1.95583 | BAM 1.95583 | | |
| Botswana | | | | | | | | | |
| Gaborone | Pula = 100 thebe BWP | B | BWP 1 = | USD 0.0748 | USD 0.0725 | USD 0.0729 | USD 0.0729 | | |
| | | | S | BWP 1 = | USD 0.0746 | USD 0.0723 | USD 0.0727 | USD 0.0727 | |
| | | B | BWP 1 = | EUR 0.0696 | EUR 0.0669 | EUR 0.0674 | EUR 0.0681 | | |
| | | | S | BWP 1 = | EUR 0.0694 | EUR 0.0668 | EUR 0.0673 | EUR 0.0679 | |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against

the US dollar. ³ Adjustment of the fixed value with effect from 1 June 2023. ⁴ Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---------------------------------------|---|-----------------|-----------|------------------------|----------------------|----------------|----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Brazil | | | | | | | |
| Brasília | Brazilian real = 100 centavos | B | USD 1 = | BRL 4.9947 | BRL 4.9827 | BRL 4.9956 | BRL 5.1712 |
| | | S | USD 1 = | BRL 4.9953 | BRL 4.9833 | BRL 4.9962 | BRL 5.1718 |
| | BRL | B | EUR 1 = | BRL 5.3932 | BRL 5.3913 | BRL 5.3952 | BRL 5.5244 |
| | | S | EUR 1 = | BRL 5.3952 | BRL 5.3939 | BRL 5.3979 | BRL 5.5261 |
| Brunei Darussalam ¹ | | | | | | | |
| Bandar Seri Begawan | Brunei dollar = 100 cents | B | USD 1 = | BND 1.3322 | BND 1.3368 | BND 1.3406 | BND 1.3510 |
| | | S | USD 1 = | BND 1.3496 | BND 1.3548 | BND 1.3583 | BND 1.3690 |
| | BND | B | EUR 1 = | BND 1.4298 | BND 1.4326 | BND 1.4312 | BND 1.4319 |
| | | S | EUR 1 = | BND 1.4837 | BND 1.4870 | BND 1.4853 | BND 1.4859 |
| Bulgaria | | | | | | | |
| Sofia | Bulgarian lev = 100 stotinkas BGN | M | USD 1 = | BGN 1.80931 | BGN 1.80660 | BGN 1.80911 | BGN 1.82481 |
| | | ² | EUR 1 = | BGN 1.95583 | BGN 1.95583 | BGN 1.95583 | BGN 1.95583 |
| Burkina Faso ¹ | | | | | | | |
| Ouagadougou | CFA franc | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | XOF | ² | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Burundi | | | | | | | |
| Gitega | Burundi franc = 100 centimes | B | USD 1 = | BIF 2,564.4556 | BIF 2,842.2784 | BIF 2,846.9706 | BIF 2,846.1015 |
| | | S | USD 1 = | BIF 2,605.8178 | BIF 2,888.1216 | BIF 2,892.8894 | BIF 2,903.5985 |
| | BIF | B | EUR 1 = | BIF 2,779.4071 | BIF 3,079.7508 | BIF 3,067.8955 | BIF 3,045.3286 |
| | | S | EUR 1 = | BIF 2,824.2363 | BIF 3,129.4242 | BIF 3,117.3777 | BIF 3,106.8504 |
| Cabo Verde | | | | | | | |
| Praia | Cabo Verde escudo = 100 centavos | B | USD 1 = | CVE 101.552 | CVE 101.921 | CVE 101.845 | CVE 102.816 |
| | | S | USD 1 = | CVE 101.754 | CVE 102.123 | CVE 102.047 | CVE 103.018 |
| | CVE | ² | EUR 1 = | CVE 110.265 | CVE 110.265 | CVE 110.265 | CVE 110.265 |
| Cambodia | | | | | | | |
| Phnom Penh | Riel = 100 sen KHR | M | USD 1 = | KHR 4,109 | KHR 4,069 | KHR 4,041 | KHR 4,064 |
| | | B | EUR 1 = | KHR 4,451 | KHR 4,401 | KHR 4,361 | KHR 4,349 |
| | S | EUR 1 = | KHR 4,495 | KHR 4,445 | KHR 4,405 | KHR 4,392 | |
| Cameroon ¹ | | | | | | | |
| Yaoundé | CFA franc | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | XAF | ² | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 |
| Canada | | | | | | | |
| Ottawa | Canadian dollar = 100 cents CAD | M | USD 1 = | CAD 1.3497 | CAD 1.3570 | CAD 1.3550 | CAD 1.3746 |
| | | M | EUR 1 = | CAD 1.4599 | CAD 1.4680 | CAD 1.4632 | CAD 1.4695 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|--|---|-----------------|---------|------------------------|----------------------|---------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Cayman Islands | | | | | | | |
| George Town | Cayman Islands dollar = 100 cents KYD | 2 | KYD 1 = | USD 1.20 | USD 1.20 | USD 1.20 | USD 1.20 |
| | | V | EUR 1 = | KYD 0.9011 | KYD 0.9022 | KYD 0.9009 | KYD 0.8932 |
| Central African Republic ¹ | | | | | | | |
| Bangui | CFA franc XAF | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | | 3 | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 |
| Chad ¹ | | | | | | | |
| N'Djaména | CFA franc XAF | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | | 3 | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 |
| Chile | | | | | | | |
| Santiago Seat of parliament: Valparaíso | Chilean peso = 100 centavos CLP | M | USD 1 = | CLP 839.07 | CLP 980.19 | CLP 982.38 | CLP 943.62 |
| | | M | EUR 1 = | CLP 907.21 | CLP 1,062.54 | CLP 1,062.84 | CLP 1,011.60 |
| China | | | | | | | |
| Beijing | Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY | M | USD 1 = | CNY 7.0467 | CNY 7.1036 | CNY 7.0950 | CNY 7.1063 |
| | | M | EUR 1 = | CNY 7.6689 | CNY 7.7249 | CNY 7.6765 | CNY 7.6458 |
| | | M | HKD 1 = | CNY 0.89935 | CNY 0.90753 | CNY 0.90655 | CNY 0.90805 |
| China (Taiwan) | | | | | | | |
| Taipei | New Taiwan dollar = 100 cents TWD | B | USD 1 = | TWD 31.145 | TWD 31.530 | TWD 31.940 | TWD 32.495 |
| | | S | USD 1 = | TWD 32.495 | TWD 31.630 | TWD 32.040 | TWD 32.595 |
| | | B | EUR 1 = | TWD 33.54 | TWD 34.02 | TWD 34.36 | TWD 34.64 |
| | | S | EUR 1 = | TWD 33.94 | TWD 34.42 | TWD 34.76 | TWD 35.04 |
| Colombia | | | | | | | |
| Bogotá | Colombian peso = 100 centavos COP | M | USD 1 = | COP 4,326.74 | COP 3,933.56 | COP 3,842.30 | COP 3,873.44 |
| | | V | EUR 1 = | COP 4,677.670 | COP 4,258.472 | COP 4,153.911 | COP 4,151.553 |
| Comoros | | | | | | | |
| Moroni | Comorian franc = 100 centimes KMF | V | USD 1 = | KMF 454.97804 | KMF 454.43169 | KMF 455.06221 | KMF 459.01078 |
| | | 3 | EUR 1 = | KMF 491.96775 | KMF 491.96775 | KMF 491.96775 | KMF 491.96775 |
| Congo ¹ | | | | | | | |
| Brazzaville | CFA franc XAF | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | | 3 | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against

the US dollar. ³ Value against the euro. ⁴ Currency amounts are denoted using the designation yuan (renminbi).

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|--|-----------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Congo, Democratic Republic of the | | | | | | | |
| Kinshasa | Congo franc = 100 centimes | B | USD 1 = | CDF 2,303.1701 | CDF 2,712.3210 | CDF 2,728.4209 | CDF 2,726.2027 |
| | | S | USD 1 = | CDF 2,397.1771 | CDF 2,823.0280 | CDF 2,839.7850 | CDF 2,837.4763 |
| | CDF | B | EUR 1 = | CDF 2,494.6913 | CDF 2,936.1137 | CDF 2,951.3931 | CDF 2,922.5574 |
| | | S | EUR 1 = | CDF 2,596.5154 | CDF 3,055.9551 | CDF 3,071.8582 | CDF 3,041.8455 |
| Cook Islands ¹ | | | | | | | |
| Avarua | Cook Islands dollar ² = 100 cents NZD | B | NZD 1 = | EUR 0.5770 | EUR 0.5745 | EUR 0.5650 | EUR 0.5674 |
| | | S | NZD 1 = | EUR 0.5551 | EUR 0.5528 | EUR 0.5437 | EUR 0.5460 |
| Costa Rica | | | | | | | |
| San José | Costa Rican colón = 100 céntimos | B | USD 1 = | CRC 538.34 | CRC 509.87 | CRC 499.39 | CRC 500.86 |
| | | S | USD 1 = | CRC 545.32 | CRC 516.34 | CRC 506.60 | CRC 507.71 |
| | CRC | V, B | EUR 1 = | CRC 582.8988 | CRC 551.9853 | CRC 539.8905 | CRC 536.8217 |
| | | V, S | EUR 1 = | CRC 590.4537 | CRC 558.9897 | CRC 547.6853 | CRC 544.1636 |
| Côte d'Ivoire ¹ | | | | | | | |
| Yamoussoukro Seat of government: Abidjan | CFA franc | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | XOF | 3 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Croatia | | | | | | | |
| Zagreb | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Cuba ¹ | | | | | | | |
| Havana | Cuban peso = 100 centavos | 4 5 | USD 1 = | CUP 24.00 | CUP 24.00 | CUP 24.00 | CUP 24.00 |
| | | 5 | EUR 1 = | CUP 25.9864 | CUP 25.9332 | CUP 25.9236 | CUP 25.6332 |
| | CUP | 6 | USD 1 = | CUP 120.00 | CUP 120.00 | CUP 120.00 | CUP 120.00 |
| | | 6 | EUR 1 = | CUP 129.9320 | CUP 129.6660 | CUP 129.6180 | CUP 128.1660 |
| Curaçao | | | | | | | |
| Willemstad | Netherlands Antillean guilder = 100 cents | 4 B | USD 1 = | ANG 1.78 | ANG 1.78 | ANG 1.78 | ANG 1.78 |
| | | 4 S | USD 1 = | ANG 1.82 | ANG 1.82 | ANG 1.82 | ANG 1.82 |
| | ANG | B S | EUR 100 = EUR 100 = | ANG 192.90 ANG 196.79 | ANG 193.05 ANG 196.94 | ANG 192.25 ANG 196.12 | ANG 191.02 ANG 194.87 |
| Cyprus | | | | | | | |
| Nicosia | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Czechia | | | | | | | |
| Prague | Czech koruna = 100 heller CZK | M | USD 1 = | CZK 22.210 | CZK 23.427 | CZK 23.413 | CZK 23.453 |
| | | M | EUR 1 = | CZK 23.971 | CZK 25.360 | CZK 25.305 | CZK 25.145 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Parity in relation to the New Zealand dollar. ³ Value against the euro. ⁴ Value against the US

dollar. ⁵ Rate for transactions by general government. ⁶ Rate for non-government transactions.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---------------------------------------|---|-----------------|-------------|------------------------|----------------------|--------------|--------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Denmark | | | | | | | |
| Copenhagen | Danish krone = 100 øre DKK | M | USD 100 = | DKK 689.26 | DKK 688.53 | DKK 689.55 | DKK 695.87 |
| | | M | EUR 100 = | DKK 745.13 | DKK 745.40 | DKK 745.82 | DKK 745.83 |
| Djibouti | | | | | | | |
| Djibouti | Djibouti franc = 100 centimes DjF | 2 B | USD 1 = | DjF 176.83 | DjF 176.83 | DjF 176.83 | DjF 176.83 |
| | | 2 S | USD 1 = | DjF 179.50 | DjF 179.50 | DjF 179.50 | DjF 179.50 |
| | B | EUR 1 = | DjF 189.80 | DjF 190.09 | DjF 188.36 | DjF 187.83 | |
| | S | EUR 1 = | DjF 197.54 | DjF 197.51 | DjF 197.67 | DjF 195.16 | |
| Dominica | | | | | | | |
| Roseau | East Caribbean dollar = 100 cents XCD | 2 B | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | 2 S | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | V, B | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 | |
| | V, S | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 | |
| Dominican Republic | | | | | | | |
| Santo Domingo | Dominican peso = 100 centavos DOP | B | USD 1 = | DOP 55.2360 | DOP 57.8261 | DOP 58.0073 | DOP 57.7552 |
| | | S | USD 1 = | DOP 56.4645 | DOP 59.0283 | DOP 59.1973 | DOP 59.1357 |
| | B | EUR 1 = | DOP 59.3586 | DOP 62.0069 | DOP 62.4756 | DOP 61.3042 | |
| | S | EUR 1 = | DOP 62.8987 | DOP 65.9743 | DOP 66.2855 | DOP 65.0876 | |
| Egypt ¹ | | | | | | | |
| Cairo | Egyptian pound = 100 piastres = 1,000 milliems EGP | B | USD 1 = | EGP 30.64 | EGP 30.75 | EGP 47.20 | EGP 47.80 |
| | | S | USD 1 = | EGP 30.74 | EGP 30.85 | EGP 47.30 | EGP 47.90 |
| | B | EUR 1 = | EGP 33.1023 | EGP 33.2807 | EGP 50.8250 | EGP 51.0982 | |
| | S | EUR 1 = | EGP 33.4357 | EGP 33.4908 | EGP 51.1077 | EGP 51.4207 | |
| El Salvador ¹ | | | | | | | |
| San Salvador | El Salvador colón = 100 centavos SVC | 2 | USD 1 = | SVC 8.75 | SVC 8.75 | SVC 8.75 | SVC 8.75 |
| | | V | EUR 1 = | SVC 9.4614 | SVC 9.4728 | SVC 9.4596 | SVC 9.3783 |
| Equatorial Guinea ¹ | | | | | | | |
| Malabo | CFA franc XAF | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | 3 | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 | |
| Eritrea | | | | | | | |
| Asmara | Nakfa = 100 cents ERN | 2 B | USD 1 = | ERN 15.00 | ERN 15.00 | ERN 15.00 | ERN 15.00 |
| | | 2 S | USD 1 = | ERN 15.15 | ERN 15.15 | ERN 15.15 | ERN 15.15 |
| | B | EUR 1 = | ERN 16.2843 | ERN 16.2780 | ERN 16.1775 | ERN 16.0770 | |
| | S | EUR 1 = | ERN 16.9205 | ERN 16.9142 | ERN 16.8137 | ERN 16.7132 | |
| Estonia | | | | | | | |
| Tallinn | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the US dollar. ³ Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|--|---|-----------------|---------|------------------------|----------------------|--------------|--------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Eswatini ¹ | | | | | | | |
| Mbabane Seat of parliament: Lobamba | Lilangeni = 100 cents | B | USD 1 = | SZL 18.4738 | SZL 19.1941 | SZL 18.8751 | SZL 18.6845 |
| | | S | USD 1 = | SZL 18.4834 | SZL 19.2004 | SZL 18.8887 | SZL 18.6917 |
| | SZL | B | EUR 1 = | SZL 20.0371 | SZL 20.8133 | SZL 20.3789 | SZL 20.0036 |
| | | S | EUR 1 = | SZL 20.0500 | SZL 20.8222 | SZL 20.3978 | SZL 20.0145 |
| Ethiopia | | | | | | | |
| Addis Ababa | Birr = 100 cents | B | USD 1 = | ETB 54.7070 | ETB 56.4624 | ETB 56.6236 | ETB 56.9193 |
| | | S | USD 1 = | ETB 55.8012 | ETB 57.5916 | ETB 57.7561 | ETB 58.0577 |
| | ETB | B | EUR 1 = | ETB 59.3658 | ETB 61.0528 | ETB 61.1818 | ETB 61.0061 |
| | | S | EUR 1 = | ETB 60.5531 | ETB 62.2739 | ETB 62.4054 | ETB 62.2262 |
| Falkland Islands (Islas Malvinas) | | | | | | | |
| Stanley | Falkland Islands pound ² = 100 pence FKP | V | USD 1 = | FKP 0.80439 | FKP 0.79120 | FKP 0.79095 | FKP 0.79752 |
| | | V | EUR 1 = | FKP 0.86979 | FKP 0.85655 | FKP 0.85510 | FKP 0.85478 |
| Fiji | | | | | | | |
| Suva | Fiji dollar = 100 cents | B | FJD 1 = | USD 0.4526 | USD 0.4482 | USD 0.4473 | USD 0.4469 |
| | | S | FJD 1 = | USD 0.4356 | USD 0.4312 | USD 0.4303 | USD 0.4299 |
| | FJD | B | FJD 1 = | EUR 0.4150 | EUR 0.4112 | EUR 0.4107 | EUR 0.4144 |
| | | S | FJD 1 = | EUR 0.4030 | EUR 0.3992 | EUR 0.3987 | EUR 0.4024 |
| Finland | | | | | | | |
| Helsinki | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| France | | | | | | | |
| Paris | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Gabon ¹ | | | | | | | |
| Libreville | CFA franc | B | USD 1 = | XAF 600.8986 | XAF 602.3647 | XAF 603.7997 | XAF 609.9625 |
| | | S | USD 1 = | XAF 606.2977 | XAF 605.0371 | XAF 611.7071 | XAF 612.1115 |
| | XAF | 3 | EUR 1 = | XAF 655.957 | XAF 655.957 | XAF 655.957 | XAF 655.957 |
| Gambia | | | | | | | |
| Banjul | Dalasi = 100 bututs GMD | M | USD 1 = | GMD 60.71 | GMD 66.65 | GMD 66.89 | GMD 66.99 |
| | | M | EUR 1 = | GMD 65.93 | GMD 72.41 | GMD 73.28 | GMD 73.84 |
| Georgia | | | | | | | |
| Tbilisi | Lari = 100 tetri GEL | M | USD 1 = | GEL 2.6277 | GEL 2.6606 | GEL 2.6978 | GEL 2.6835 |
| | | M | EUR 1 = | GEL 2.8417 | GEL 2.8780 | GEL 2.9112 | GEL 2.8762 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Parity in relation to the pound sterling. ³ Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|-----------------------------------|--|-----------------|---------|------------------------|----------------------|----------------|----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Germany | | | | | | | |
| Berlin | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Ghana | | | | | | | |
| Accra | Ghana cedi = 100 Ghana pesewas GHS | B S | USD 1 = | GHS 11.1524 | GHS 12.4580 | GHS 12.8706 | GHS 13.2673 |
| | | | USD 1 = | GHS 11.1635 | GHS 12.4704 | GHS 12.8834 | GHS 13.2805 |
| | | B S | EUR 1 = | GHS 12.0775 | GHS 13.5167 | GHS 13.8962 | GHS 14.1823 |
| | | | EUR 1 = | GHS 12.0892 | GHS 13.5301 | GHS 13.9100 | GHS 14.1976 |
| Gibraltar | | | | | | | |
| Gibraltar | Gibraltar pound ² = 100 pence GIP | V V | USD 1 = | GIP 0.80439 | GIP 0.79120 | GIP 0.79095 | GIP 0.79752 |
| | | | EUR 1 = | GIP 0.86979 | GIP 0.85655 | GIP 0.85510 | GIP 0.85478 |
| Greece | | | | | | | |
| Athens | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Grenada | | | | | | | |
| St George's | East Caribbean dollar = 100 cents XCD | 3 B 3 S | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | | V, B V, S | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 |
| | | | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 |
| Guatemala | | | | | | | |
| Guatemala City | Quetzal = 100 centavos GTQ | M V | USD 1 = | GTQ 7.83647 | GTQ 7.81768 | GTQ 7.79165 | GTQ 7.77182 |
| | | | EUR 1 = | GTQ 8.48573 | GTQ 8.46342 | GTQ 8.42355 | GTQ 8.32984 |
| Guinea | | | | | | | |
| Conakry | Guinean franc GNF | M M | USD 1 = | GNF 8,508.4991 | GNF 8,503.5289 | GNF 8,505.2150 | GNF 8,502.6938 |
| | | | EUR 1 = | GNF 9,225.4970 | GNF 9,190.6188 | GNF 9,194.9855 | GNF 9,114.8831 |
| Guinea-Bissau ¹ | | | | | | | |
| Bissau | CFA franc XOF | B S | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | | 4 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Guyana | | | | | | | |
| Georgetown | Guyana dollar = 100 cents GYD | B S | USD 1 = | GYD 207.98 | GYD 207.98 | GYD 207.98 | GYD 207.98 |
| | | | USD 1 = | GYD 210.45 | GYD 210.45 | GYD 210.45 | GYD 210.45 |
| | | B S | EUR 1 = | GYD 225.09 | GYD 224.74 | GYD 224.22 | GYD 222.81 |
| | | | EUR 1 = | GYD 227.98 | GYD 227.63 | GYD 227.10 | GYD 225.67 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Parity in relation to the pound sterling. ³ Value against the US dollar. ⁴ Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|---|-----------------|---------|------------------------|----------------------|---------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Haiti | | | | | | | |
| Port-au-Prince | Gourde = 100 centimes HTG | M | USD 1 = | HTG 140.1753 | HTG 132.2161 | HTG 132.5002 | HTG 132.3047 |
| | | V | EUR 1 = | HTG 151.7859 | HTG 143.1371 | HTG 143.2460 | HTG 141.8042 |
| Honduras | | | | | | | |
| Tegucigalpa | Lempira = 100 centavos HNL | B | USD 1 = | HNL 24.6030 | HNL 24.6755 | HNL 24.6648 | HNL 24.6800 |
| | | S | USD 1 = | HNL 24.7261 | HNL 24.7989 | HNL 24.7881 | HNL 24.8034 |
| | | V, B | EUR 1 = | HNL 26.6413 | HNL 26.7137 | HNL 26.6651 | HNL 26.4520 |
| | | V, S | EUR 1 = | HNL 26.7745 | HNL 26.8473 | HNL 26.7984 | HNL 26.5843 |
| Hong Kong | | | | | | | |
| Hong Kong | Hong Kong dollar = 100 cents HKD | B | USD 1 = | HKD 7.79805 | HKD 7.79650 | HKD 7.79230 | HKD 7.79030 |
| | | S | USD 1 = | HKD 7.85978 | HKD 7.85830 | HKD 7.85730 | HKD 7.85200 |
| | | B | EUR 1 = | HKD 8.40687 | HKD 8.41720 | HKD 8.37480 | HKD 8.29910 |
| | | S | EUR 1 = | HKD 8.54956 | HKD 8.55990 | HKD 8.52100 | HKD 8.44170 |
| Hungary | | | | | | | |
| Budapest | Hungarian forint = 100 fillér HUF | M | USD 1 = | HUF 353.25 | HUF 363.00 | HUF 367.33 | HUF 365.05 |
| | | M | EUR 1 = | HUF 380.53 | HUF 393.89 | HUF 395.83 | HUF 391.04 |
| Iceland | | | | | | | |
| Reykjavík | Icelandic krona ISK | M | USD 1 = | ISK 137.661 | ISK 137.91 | ISK 138.59 | ISK 140.23 |
| | | M | EUR 1 = | ISK 148.450 | ISK 149.30 | ISK 149.90 | ISK 150.30 |
| India ¹ | | | | | | | |
| New Delhi | Indian rupee = 100 paise INR | M | USD 1 = | INR 82.5999 | INR 82.9246 | INR 83.3739 | INR 83.5187 |
| | | M | EUR 1 = | INR 89.4895 | INR 89.8621 | INR 90.2178 | INR 89.3405 |
| Indonesia | | | | | | | |
| Jakarta | Indonesian rupiah = 100 sen IDR | B | USD 1 = | IDR 15,146.72 | IDR 15,594.64 | IDR 15,773.74 | IDR 16,167.75 |
| | | S | USD 1 = | IDR 15,298.95 | IDR 15,751.36 | IDR 15,932.26 | IDR 16,330.25 |
| | | B | EUR 1 = | IDR 16,392.04 | IDR 16,878.08 | IDR 17,071.92 | IDR 17,331.83 |
| | | S | EUR 1 = | IDR 16,562.14 | IDR 17,052.42 | IDR 17,249.86 | IDR 17,512.56 |
| Iran, Islamic Republic of ¹ | | | | | | | |
| Tehran | Iranian rial = 100 dinars IRR | 2 | USD 1 = | IRR 42,000 | IRR 42,000 | IRR 42,000 | IRR 42,000 |
| | | 2 | EUR 1 = | IRR 45,555 | IRR 45,534 | IRR 45,321 | IRR 45,011 |
| | | 3 | USD 1 = | IRR 510,567 | IRR 586,000 | IRR 613,500 | IRR 629,000 |
| | | 3 | EUR 1 = | IRR 553,167 | IRR 635,000 | IRR 662,500 | IRR 675,000 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Central bank rate. ³ Bureau de change rate.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|----------------------|-----------------------------------|-----------------|---------------|------------------------|----------------------|---------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Iraq | | | | | | | |
| Baghdad | Iraqi dinar = 1,000 fils | 2 B | USD 1 = | IQD 1,312.50 | IQD 1,300.00 | IQD 1,300.00 | IQD 1,300.00 |
| | | 2 S | USD 1 = | IQD 1,322.50 | IQD 1,310.00 | IQD 1,310.00 | IQD 1,310.00 |
| | IQD | B | EUR 1 = | IQD 1,421.539 | IQD 1,407.380 | IQD 1,403.090 | IQD 1,393.340 |
| S | | EUR 1 = | IQD 1,432.370 | IQD 1,418.206 | IQD 1,413.883 | IQD 1,404.058 | |
| Ireland | | | | | | | |
| Dublin | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Israel | | | | | | | |
| Jerusalem | New shekel = 100 agorot ILS | M | USD 1 = | ILS 3.6897 | ILS 3.5840 | ILS 3.6810 | ILS 3.7410 |
| | | M | EUR 1 = | ILS 4.0154 | ILS 3.8856 | ILS 3.9791 | ILS 4.0132 |
| Italy | | | | | | | |
| Rome | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Jamaica | | | | | | | |
| Kingston | Jamaican dollar = 100 cents | B | USD 1 = | JMD 153.3267 | JMD 155.0114 | JMD 153.0276 | JMD 155.2780 |
| | | S | USD 1 = | JMD 154.9798 | JMD 156.9817 | JMD 154.7836 | JMD 156.9465 |
| | JMD | B | EUR 1 = | JMD 163.6487 | JMD 167.2600 | JMD 161.3380 | JMD 160.3363 |
| S | | EUR 1 = | JMD 169.9925 | JMD 168.3986 | JMD 169.2278 | JMD 171.2590 | |
| Japan | | | | | | | |
| Tokyo | Japanese yen = 100 sen | B | USD 1 = | JPY 139.67 | JPY 149.67 | JPY 150.41 | JPY 155.90 |
| | | S | USD 1 = | JPY 141.67 | JPY 151.67 | JPY 152.41 | JPY 157.90 |
| | JPY | B | EUR 1 = | JPY 151.67 | JPY 161.75 | JPY 161.74 | JPY 166.62 |
| S | | EUR 1 = | JPY 154.67 | JPY 164.75 | JPY 164.74 | JPY 169.62 | |
| Jordan | | | | | | | |
| Amman | Jordanian dinar = 1,000 fils | 2 B | USD 1 = | JOD 0.7080 | JOD 0.7080 | JOD 0.7080 | JOD 0.7080 |
| | | 2 S | USD 1 = | JOD 0.7100 | JOD 0.7100 | JOD 0.7100 | JOD 0.7100 |
| | JOD | B | EUR 1 = | JOD 0.76495 | JOD 0.76634 | JOD 0.76237 | JOD 0.75671 |
| S | | EUR 1 = | JOD 0.77123 | JOD 0.77063 | JOD 0.76716 | JOD 0.76219 | |
| Kazakhstan | | | | | | | |
| Astana | Tenge = 100 tiyn KZT | M | USD 1 = | KZT 456.43 | KZT 451.31 | KZT 446.78 | KZT 441.44 |
| | | M | EUR 1 = | KZT 494.49 | KZT 487.32 | KZT 481.81 | KZT 473.09 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|--|---|-----------------|---------|------------------------|----------------------|---------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Kenya ¹ | | | | | | | |
| Nairobi | Kenya shilling = 100 cents KES | M | USD 1 = | KES 141.2130 | KES 143.5891 | KES 131.8005 | KES 133.2789 |
| | | M | EUR 1 = | KES 153.1451 | KES 155.5931 | KES 142.6740 | KES 142.5818 |
| Korea, Democratic People's Republic of ¹ | | | | | | | |
| Pyongyang | North Korean won = 100 chon KPW | B | USD 1 = | . | . | . | . |
| | | S | USD 1 = | . | . | . | . |
| | | B | EUR 1 = | . | . | . | . |
| | | S | EUR 1 = | . | . | . | . |
| Korea, Republic of | | | | | | | |
| Seoul | South Korean won = 100 chon KRW | B | USD 1 = | KRW 1,295.23 | KRW 1,323.00 | KRW 1,334.30 | KRW 1,371.50 |
| | | S | USD 1 = | KRW 1,320.54 | KRW 1,349.00 | KRW 1,360.70 | KRW 1,398.50 |
| | | B | EUR 1 = | KRW 1,405.70 | KRW 1,433.22 | KRW 1,440.09 | KRW 1,469.46 |
| | | S | EUR 1 = | KRW 1,434.08 | KRW 1,462.16 | KRW 1,469.17 | KRW 1,499.14 |
| Kuwait | | | | | | | |
| Kuwait | Kuwaiti dinar = 1,000 fils KWD | B | USD 1 = | KWD 0.30581 | KWD 0.30615 | KWD 0.30610 | KWD 0.30640 |
| | | S | USD 1 = | KWD 0.30958 | KWD 0.30975 | KWD 0.30970 | KWD 0.31000 |
| | | B | EUR 1 = | KWD 0.331129 | KWD 0.331913 | KWD 0.330282 | KWD 0.328047 |
| | | S | EUR 1 = | KWD 0.335209 | KWD 0.335815 | KWD 0.334166 | KWD 0.331902 |
| Kyrgyzstan | | | | | | | |
| Bishkek | Kyrgyz som = 100 tyiyn KGS | M | USD 1 = | KGS 87.9285 | KGS 89.4300 | KGS 89.4708 | KGS 88.6618 |
| | | M | EUR 1 = | KGS 95.2932 | KGS 96.6917 | KGS 96.4316 | KGS 94.9125 |
| Lao People's Democratic Republic | | | | | | | |
| Vientiane | Kip LAK | B | USD 1 = | LAK 18,774 | LAK 20,806 | LAK 21,043 | LAK 21,267 |
| | | S | USD 1 = | LAK 18,913 | LAK 20,939 | LAK 21,178 | LAK 21,403 |
| | | B | EUR 1 = | LAK 20,319 | LAK 22,504 | LAK 22,640 | LAK 22,744 |
| | | S | EUR 1 = | LAK 20,520 | LAK 22,727 | LAK 22,865 | LAK 22,970 |
| Latvia | | | | | | | |
| Riga | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Lebanon | | | | | | | |
| Beirut | Lebanese pound = 100 piastres LBP | M | USD 1 = | LBP 13,875.63 | LBP 89,500.00 | LBP 89,500.00 | LBP 89,500.00 |
| | | M | EUR 1 = | LBP 15,050.00 | LBP 97,099.00 | LBP 96,535.00 | LBP 96,007.00 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|---------------------------------------|-----------------|--------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Lesotho ¹ | | | | | | | |
| Maseru | Loti = 100 lisente LSL | M | USD 1 = | LSL 18.4883 | LSL 19.1910 | LSL 18.9718 | LSL 18.4867 |
| | | M | EUR 1 = | LSL 19.9987 | LSL 20.7950 | LSL 20.5498 | LSL 20.0621 |
| Liberia ¹ | | | | | | | |
| Monrovia | Liberian dollar = 100 cents LRD | B | USD 1 = | LRD 175.3089 | LRD 190.7053 | LRD 191.8574 | LRD 192.4912 |
| | | S | USD 1 = | LRD 177.2670 | LRD 192.4928 | LRD 193.7413 | LRD 194.2038 |
| | | V, B V, S | EUR 1 = EUR 1 = | LRD 189.8646 LRD 191.9861 | LRD 206.4576 LRD 208.3927 | LRD 207.4170 LRD 209.4537 | LRD 206.3121 LRD 208.1476 |
| Libya | | | | | | | |
| Tripoli | Libyan dinar = 1,000 dirham LYD | B | USD 1 = | LYD 4.7997 | LYD 4.8188 | LYD 4.8320 | LYD 4.8595 |
| | | S | USD 1 = | LYD 4.8237 | LYD 4.8429 | LYD 4.8562 | LYD 4.8838 |
| | | B S | EUR 1 = EUR 1 = | LYD 5.1969 LYD 5.2229 | LYD 5.2211 LYD 5.2473 | LYD 5.2125 LYD 5.2386 | LYD 5.1962 LYD 5.2223 |
| Lithuania | | | | | | | |
| Vilnius | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Luxembourg | | | | | | | |
| Luxembourg | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Macao ¹ | | | | | | | |
| Macao | Pataca = 100 avos MOP | B | USD 1 = | MOP 8.0589 | MOP 8.0545 | MOP 8.0531 | MOP 8.0496 |
| | | S | USD 1 = | MOP 8.0851 | MOP 8.0807 | MOP 8.0793 | MOP 8.0758 |
| | | B S | EUR 1 = EUR 1 = | MOP 8.7210 MOP 8.7602 | MOP 8.7206 MOP 8.7598 | MOP 8.6787 MOP 8.7179 | MOP 8.6117 MOP 8.6509 |
| Madagascar | | | | | | | |
| Antananarivo | Ariary = 5 iraimbilanja MGA | M | USD 1 = | MGA 4,431.43 | MGA 4,511.72 | MGA 4,353.37 | MGA 4,425.78 |
| | | M | EUR 1 = | MGA 4,778.84 | MGA 4,876.29 | MGA 4,675.61 | MGA 4,715.96 |
| Malawi | | | | | | | |
| Lilongwe | Malawi kwacha = 100 tambala MWK | B | USD 1 = | MWK 1,153.2122 | MWK 1,666.7326 | MWK 1,716.7335 | MWK 1,716.7320 |
| | | S | USD 1 = | MWK 1,175.9452 | MWK 1,700.0000 | MWK 1,751.0000 | MWK 1,751.0000 |
| | | B S | EUR 1 = EUR 1 = | MWK 1,288.5153 MWK 1,313.9172 | MWK 1,859.7386 MWK 1,896.8583 | MWK 1,913.0539 MWK 1,951.2391 | MWK 1,891.8335 MWK 1,929.5967 |
| Malaysia | | | | | | | |
| Kuala Lumpur Seat of government: Putrajaya | Malaysian ringgit = 100 sen MYR | B | USD 1 = | MYR 4.4745 | MYR 4.6783 | MYR 4.6570 | MYR 4.6797 |
| | | S | USD 1 = | MYR 4.6410 | MYR 4.8537 | MYR 4.8190 | MYR 4.8513 |
| | | B S | EUR 1 = EUR 1 = | MYR 4.8485 MYR 5.0494 | MYR 5.0604 MYR 5.2701 | MYR 5.0068 MYR 5.2142 | MYR 5.0032 MYR 5.2106 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|-----------------------------|--|-----------------|---------|------------------------|----------------------|--------------|--------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Maldives | | | | | | | |
| Malé | Rufiyaa = 100 laari MVR | M | USD 1 = | MVR 15.39 | MVR 15.41 | MVR 15.37 | MVR 15.41 |
| | | V | EUR 1 = | MVR 16.66483 | MVR 16.68287 | MVR 16.61651 | MVR 16.51644 |
| Mali 1 | | | | | | | |
| Bamako | CFA franc XOF | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | | z | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Malta | | | | | | | |
| Valletta | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Mauritania | | | | | | | |
| Nouakchott | Ouguiya MRU | M | USD 1 = | MRU 36.72 | MRU 39.73 | MRU 39.62 | MRU 39.48 |
| | | M | EUR 1 = | MRU 39.82 | MRU 43.03 | MRU 42.74 | MRU 42.33 |
| Mauritius | | | | | | | |
| Port Louis | Mauritian rupee = 100 cents MUR | B | USD 1 = | MUR 44.6368 | MUR 45.2850 | MUR 45.9979 | MUR 45.9371 |
| | | S | USD 1 = | MUR 45.5361 | MUR 46.1843 | MUR 46.8971 | MUR 46.8364 |
| | | B | EUR 1 = | MUR 48.2684 | MUR 49.0112 | MUR 49.5098 | MUR 49.1306 |
| | | S | EUR 1 = | MUR 49.6148 | MUR 50.3918 | MUR 50.9077 | MUR 50.5191 |
| Mexico | | | | | | | |
| Mexico City | Mexican peso = 100 centavos MXN | M | USD 1 = | MXN 17.7608 | MXN 17.0543 | MXN 16.5625 | MXN 17.1268 |
| | | V | EUR 1 = | MXN 19.0886 | MXN 18.4630 | MXN 17.9057 | MXN 18.3565 |
| Moldova, Republic of | | | | | | | |
| Chisinau | Moldovan leu = 100 bani MDL | M | USD 1 = | MDL 18.1627 | MDL 17.8275 | MDL 17.6449 | MDL 17.8167 |
| | | M | EUR 1 = | MDL 19.6390 | MDL 19.2840 | MDL 19.0283 | MDL 19.0959 |
| Mongolia | | | | | | | |
| Ulan Bator | Togrog = 100 mongo MNT | M | USD 1 = | MNT 3,463.80 | MNT 3,381.89 | MNT 3,375.99 | MNT 3,378.30 |
| | | M | EUR 1 = | MNT 3,754.18 | MNT 3,665.63 | MNT 3,635.60 | MNT 3,616.47 |
| Morocco | | | | | | | |
| Rabat | Moroccan dirham = 100 centimes MAD | M | USD 1 = | MAD 10.1361 | MAD 10.0810 | MAD 10.0940 | MAD 10.0965 |
| | | M | EUR 1 = | MAD 10.9572 | MAD 10.9286 | MAD 10.8847 | MAD 10.8241 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|--|--------------------------------------|-----------------|-------------|------------------------|--------------------------|--------------------------|--------------------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Mozambique | | | | | | | |
| Maputo | Metical = 100 centavos | B S | USD 1 = | MZN 63.25 | MZN 63.27 | MZN 63.27 | MZN 63.27 |
| | | | USD 1 = | MZN 64.52 | MZN 64.53 | MZN 64.53 | |
| | MZN | B S | EUR 1 = | MZN 68.53 | MZN 68.50 | MZN 68.42 | MZN 67.70 |
| | | | EUR 1 = | MZN 69.90 | MZN 69.86 | MZN 69.78 | MZN 69.05 |
| Myanmar | | | | | | | |
| Nay Pyi Taw | Kyat = 100 pyas MMK | M M | USD 1 = | MMK 2,100.00 | MMK 2,100.00 | MMK 2,100.00 | MMK 2,100.00 |
| | | | EUR 1 = | MMK 2,275.13 | MMK 2,277.50 | MMK 2,262.00 | MMK 2,248.50 |
| Namibia ¹ | | | | | | | |
| Windhoek | Namibia dollar = 100 cents NAD | M M | USD 1 = | NAD 18.5075 | NAD 19.2458 | NAD 18.9158 | NAD 18.6900 |
| | | | EUR 1 = | NAD 20.0517 | NAD 20.8540 | NAD 20.4739 | NAD 20.0069 |
| Nepal | | | | | | | |
| Kathmandu | Nepalese rupee = 100 paisa | B S | USD 1 = | NPR 131.85 | NPR 132.38 | NPR 133.15 | NPR 133.26 |
| | | | USD 1 = | NPR 132.45 | NPR 132.98 | NPR 133.75 | NPR 133.86 |
| | NPR | B S | EUR 1 = | NPR 142.95 | NPR 143.20 | NPR 143.66 | NPR 142.90 |
| | | | EUR 1 = | NPR 143.60 | NPR 143.84 | NPR 144.31 | NPR 143.54 |
| Netherlands | | | | | | | |
| Amsterdam Seat of government: The Hague | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| New Caledonia ¹ | | | | | | | |
| Nouméa | CFP franc XPF | V 2 | XPF 1,000 = | USD 9.06 | USD 9.07 | USD 9.06 | USD 8.98 |
| | | | XPF 1,000 = | EUR 8.38 | EUR 8.38 | EUR 8.38 | EUR 8.38 |
| New Zealand | | | | | | | |
| Wellington | New Zealand dollar = 100 cents | B S | NZD 1 = | USD 0.6258 | USD 0.6223 | USD 0.6113 | USD 0.6072 |
| | | | NZD 1 = | USD 0.6022 | USD 0.5991 | USD 0.5883 | USD 0.5845 |
| | NZD | B S | NZD 1 = | EUR 0.5770 | EUR 0.5745 | EUR 0.5650 | EUR 0.5674 |
| | | | NZD 1 = | EUR 0.5551 | EUR 0.5528 | EUR 0.5437 | EUR 0.5460 |
| Nicaragua | | | | | | | |
| Managua | Córdoba = 100 centavos NIO | M V | USD 1 = | NIO 36.4571 | NIO 36.6243 ³ | NIO 36.6243 ³ | NIO 36.6243 ³ |
| | | | EUR 1 = | NIO 39.47779 | NIO 39.64947 | NIO 39.59453 | NIO 39.25392 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro. ³ Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country ¹ Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---------------------------------|-------------------------------------|-----------------|---------------|------------------------|----------------------|----------------|---------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Niger ¹ | | | | | | | |
| Niamey | CFA franc | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | | 2 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Nigeria ¹ | | | | | | | |
| Abuja | Naira = 100 kobo | B | USD 1 = | NGN 647.871 | NGN 1,543.581 | NGN 1,329.760 | NGN 1,329.205 |
| | | S | USD 1 = | NGN 648.871 | NGN 1,544.581 | NGN 1,330.760 | NGN 1,330.205 |
| | B | EUR 1 = | NGN 702.5779 | NGN 1,674.1680 | NGN 1,436.0078 | NGN 1,424.6419 | |
| | S | EUR 1 = | NGN 703.6573 | NGN 1,675.2526 | NGN 1,437.0877 | NGN 1,425.7137 | |
| North Macedonia | | | | | | | |
| Skopje | North Macedonia denar = 100 deni | B | USD 1 = | MKD 56.5163 | MKD 56.7967 | MKD 56.5782 | MKD 57.0734 |
| | | S | USD 1 = | MKD 57.0843 | MKD 57.3675 | MKD 57.1468 | MKD 57.6470 |
| | B | EUR 1 = | MKD 61.2523 | MKD 61.3858 | MKD 61.1950 | MKD 61.1826 | |
| | S | EUR 1 = | MKD 61.8679 | MKD 62.0028 | MKD 61.8100 | MKD 61.7976 | |
| Norway | | | | | | | |
| Oslo | Norwegian krone = 100 øre | B | USD 1 = | NOK 10.5283 | NOK 10.5405 | NOK 10.7196 | NOK 10.9829 |
| | | S | USD 1 = | NOK 10.6043 | NOK 10.6345 | NOK 10.8136 | NOK 11.0769 |
| | B | EUR 1 = | NOK 11.4231 | NOK 11.4204 | NOK 11.6100 | NOK 11.7614 | |
| | S | EUR 1 = | NOK 11.5081 | NOK 11.5144 | NOK 11.7040 | NOK 11.8554 | |
| Oman | | | | | | | |
| Muscat | Rial Omani = 1,000 baisa | 3 B | USD 1 = | OMR 0.3840 | OMR 0.3840 | OMR 0.3840 | OMR 0.3840 |
| | | 3 S | USD 1 = | OMR 0.3850 | OMR 0.3850 | OMR 0.3850 | OMR 0.3850 |
| | B | EUR 1 = | OMR 0.4159552 | OMR 0.4161408 | OMR 0.4139904 | OMR 0.4109952 | |
| | S | EUR 1 = | OMR 0.4171700 | OMR 0.4172630 | OMR 0.4157615 | OMR 0.4121040 | |
| Pakistan | | | | | | | |
| Islamabad | Pakistani rupee = 100 paisa | B | USD 1 = | PKR 280.92 | PKR 279.10 | PKR 278.00 | PKR 277.90 |
| | | S | USD 1 = | PKR 281.42 | PKR 279.60 | PKR 278.50 | PKR 278.40 |
| | B | EUR 1 = | PKR 305.32 | PKR 303.03 | PKR 300.12 | PKR 298.43 | |
| | S | EUR 1 = | PKR 305.86 | PKR 303.57 | PKR 300.66 | PKR 298.96 | |
| Panama ¹ | | | | | | | |
| Panama City | Balboa = 100 centésimos PAB | 4 | USD 1 = | PAB 1 | PAB 1 | PAB 1 | PAB 1 |
| | | V | EUR 1 = | PAB 1.0813 | PAB 1.0826 | PAB 1.0811 | PAB 1.0718 |
| Papua New Guinea | | | | | | | |
| Port Moresby | Kina = 100 toea | B | PGK 1 = | USD 0.2853 | USD 0.2735 | USD 0.2726 | USD 0.2704 |
| | | S | PGK 1 = | USD 0.2703 | USD 0.2585 | USD 0.2576 | USD 0.2554 |
| | B | EUR 1 = | EUR 0.2567 | EUR 0.2459 | EUR 0.2457 | EUR 0.2458 | |
| | S | EUR 1 = | EUR 0.2417 | EUR 0.2309 | EUR 0.2307 | EUR 0.2308 | |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro. ³ Value against the US dollar. ⁴ Parity in relation to the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---------------------------|--|-----------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Paraguay | | | | | | | |
| Asunción | Guaraní = 100 céntimos | B S | USD 1 = | PYG 7,286.84 | PYG 7,294.65 | PYG 7,377.82 | PYG 7,481.84 |
| | | | USD 1 = | PYG 7,298.73 | PYG 7,325.90 | PYG 7,411.91 | PYG 7,504.70 |
| | PYG | V, B V, S | EUR 1 = EUR 1 = | PYG 7,870.63 PYG 7,883.48 | PYG 7,897.19 PYG 7,931.02 | PYG 7,979.85 PYG 8,016.72 | PYG 8,019.04 PYG 8,043.54 |
| Peru | | | | | | | |
| Lima | Sol = 100 céntimos | B S | USD 1 = | PEN 3.741 | PEN 3.778 | PEN 3.714 | PEN 3.743 |
| | | | USD 1 = | PEN 3.748 | PEN 3.782 | PEN 3.721 | PEN 3.752 |
| | PEN | B S | EUR 1 = | PEN 3.918 | PEN 3.757 | PEN 4.009 | PEN 3.793 |
| | | | EUR 1 = | PEN 4.253 | PEN 4.468 | PEN 4.208 | PEN 4.348 |
| Philippines | | | | | | | |
| Manila | Philippine peso = 100 centavos | B S | USD 1 = | PHP 55.56 | PHP 55.90 | PHP 55.95 | PHP 57.25 |
| | | | USD 1 = | PHP 56.15 | PHP 56.40 | PHP 56.45 | PHP 57.75 |
| | PHP | B S | EUR 1 = | PHP 58.8623 | PHP 59.5049 | PHP 59.5188 | PHP 60.2796 |
| | | | EUR 1 = | PHP 61.6044 | PHP 62.1999 | PHP 62.5964 | PHP 62.9867 |
| Poland | | | | | | | |
| Warsaw | Polish zloty = 100 groszy PLN | M M | USD 1 = | PLN 4.2030 | PLN 3.9803 | PLN 3.9886 | PLN 4.0341 |
| | | | EUR 1 = | PLN 4.5284 | PLN 4.3190 | PLN 4.3009 | PLN 4.3213 |
| Portugal | | | | | | | |
| Lisbon | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Qatar | | | | | | | |
| Doha | Qatari riyal = 100 dirham QAR | 2 V | USD 1 = | QAR 3.6400 | QAR 3.6400 | QAR 3.6400 | QAR 3.6400 |
| | | | EUR 1 = | QAR 3.9416 | QAR 3.9407 | QAR 3.9352 | QAR 3.9014 |
| Romania | | | | | | | |
| Bucharest | Romanian leu = 100 bani RON | M M | USD 1 = | RON 4.5758 | RON 4.5823 | RON 4.6078 | RON 4.6361 |
| | | | EUR 1 = | RON 4.9520 | RON 4.9690 | RON 4.9695 | RON 4.9759 |
| Russian Federation | | | | | | | |
| Moscow | Russian rouble = 100 kopecks RUB | M 3 | USD 1 = | RUB 85.8116 | RUB 91.8692 | RUB 92.3660 | RUB 91.7791 |
| | | | EUR 1 = | RUB 92.7583 | RUB 99.4500 | RUB 99.5299 | RUB 98.0270 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Value against

the US dollar. 3 Indicative rate; according to the Bank of Russia, calculated on the basis of their established official RUB/USD rates and USD/EUR market rates.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|--|-----------------|---------|------------------------|----------------------|-----------------|-----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Rwanda | | | | | | | |
| Kigali | Rwanda franc = 100 centimes | B | USD 1 = | RWF 1,152.11758 | RWF 1,269.05395 | RWF 1,277.42943 | RWF 1,282.26913 |
| | | S | USD 1 = | RWF 1,175.15760 | RWF 1,294.43246 | RWF 1,302.97544 | RWF 1,307.91193 |
| | RWF | B | EUR 1 = | RWF 1,249.90752 | RWF 1,375.01995 | RWF 1,382.56187 | RWF 1,371.70741 |
| | | S | EUR 1 = | RWF 1,274.90315 | RWF 1,402.51757 | RWF 1,410.21032 | RWF 1,399.13878 |
| Saint Helena, Ascension and Tristan da Cunha | | | | | | | |
| Jamestown | Saint Helena pound 2 = 100 pence SHP | V | USD 1 = | SHP 0.80439 | SHP 0.79120 | SHP 0.79095 | SHP 0.79752 |
| | | V | EUR 1 = | SHP 0.86979 | SHP 0.85655 | SHP 0.85510 | SHP 0.85478 |
| Saint Kitts and Nevis | | | | | | | |
| Basseterre | East Caribbean dollar = 100 cents | 3 B | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | 3 S | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | XCD | V, B | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 |
| | | V, S | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 |
| Saint Lucia | | | | | | | |
| Castries | East Caribbean dollar = 100 cents | 3 B | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | 3 S | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | XCD | V, B | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 |
| | | V, S | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 |
| Saint Vincent and the Grenadines | | | | | | | |
| Kingstown | East Caribbean dollar = 100 cents | 3 B | USD 1 = | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 | XCD 2.6882 |
| | | 3 S | USD 1 = | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 | XCD 2.7169 |
| | XCD | V, B | EUR 1 = | XCD 2.9068 | XCD 2.9102 | XCD 2.9062 | XCD 2.8812 |
| | | V, S | EUR 1 = | XCD 2.9378 | XCD 2.9413 | XCD 2.9372 | XCD 2.9120 |
| Samoa | | | | | | | |
| Apia | Tala = 100 sene WST | M | WST 1 = | USD 0.36488 | USD 0.36264 | USD 0.36138 | USD 0.36138 |
| | | M | WST 1 = | EUR 0.33646 | EUR 0.33463 | EUR 0.33391 | EUR 0.33716 |
| Sao Tome and Principe | | | | | | | |
| São Tomé | Dobra = 100 cêntimos | B | USD 1 = | STN 22.5869 | STN 22.6684 | STN 22.6621 | STN 22.8545 |
| | | S | USD 1 = | STN 22.9257 | STN 23.0084 | STN 23.0020 | STN 23.1973 |
| | STN | 4 | EUR 1 = | STN 24.5000 | STN 24.5000 | STN 24.5000 | STN 24.5000 |
| Saudi Arabia | | | | | | | |
| Riyadh | Saudi riyal = 100 halalah SAR | 3 | USD 1 = | SAR 3.75 | SAR 3.75 | SAR 3.75 | SAR 3.75 |
| | | V | EUR 1 = | SAR 4.05476 | SAR 4.05975 | SAR 4.05413 | SAR 4.01925 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 Parity in relation to the pound sterling. 3 Value against the US dollar. 4 Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|-------------------------------------|---|-----------------|-----------|------------------------|----------------------|--------------|--------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Senegal ¹ | | | | | | | |
| Dakar | CFA franc | B S | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | XOF | 2 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Serbia | | | | | | | |
| Belgrade | Serbian dinar = 100 para | B S | USD 1 = | RSD 107.8157 | RSD 107.8223 | RSD 108.3596 | RSD 109.0403 |
| | | | USD 1 = | RSD 108.4645 | RSD 108.4711 | RSD 109.0118 | RSD 109.6965 |
| | RSD | B S | EUR 1 = | RSD 116.8967 | RSD 116.8254 | RSD 116.7901 | RSD 116.7604 |
| | | | EUR 1 = | RSD 117.6001 | RSD 117.5284 | RSD 117.4929 | RSD 117.4630 |
| Seychelles | | | | | | | |
| Victoria | Seychelles rupee = 100 cents | B S | USD 1 = | SCR 13.7626 | SCR 14.0957 | SCR 13.9948 | SCR 14.1882 |
| | | | USD 1 = | SCR 14.1907 | SCR 14.4342 | SCR 14.4824 | SCR 14.5435 |
| | SCR | B S | EUR 1 = | SCR 14.8107 | SCR 15.1283 | SCR 15.0171 | SCR 15.3667 |
| | | | EUR 1 = | SCR 15.4809 | SCR 15.8708 | SCR 15.9417 | SCR 15.7447 |
| Sierra Leone | | | | | | | |
| Freetown | Leone = 100 cents | B S | USD 1 = | SLE 21.4323 | SLE 22.4668 | SLE 22.5769 | SLE 22.3924 |
| | | | USD 1 = | SLE 21.6477 | SLE 22.6926 | SLE 22.8038 | SLE 22.6174 |
| | SLE | B S | EUR 1 = | SLE 23.2078 | SLE 24.3621 | SLE 24.3549 | SLE 23.9700 |
| | | | EUR 1 = | SLE 23.4319 | SLE 24.6021 | SLE 24.5949 | SLE 24.2062 |
| Singapore ¹ | | | | | | | |
| Singapore | Singapore dollar = 100 cents | M | USD 1 = | SGD 1.3406 | SGD 1.3446 | SGD 1.3476 | SGD 1.3612 |
| | | M | EUR 1 = | SGD 1.4538 | SGD 1.4571 | SGD 1.4583 | SGD 1.4571 |
| | SGD | | | | | | |
| Sint Maarten (southern part) | | | | | | | |
| Philipsburg | Netherlands Antillean guilder = 100 cents | 3 B 3 S | USD 1 = | ANG 1.78 | ANG 1.78 | ANG 1.78 | ANG 1.78 |
| | | | USD 1 = | ANG 1.82 | ANG 1.82 | ANG 1.82 | ANG 1.82 |
| | ANG | B S | EUR 100 = | ANG 192.90 | ANG 193.05 | ANG 192.25 | ANG 191.02 |
| | | | EUR 100 = | ANG 196.79 | ANG 196.94 | ANG 196.12 | ANG 194.87 |
| Slovakia | | | | | | | |
| Bratislava | Euro = 100 cent | | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 |
| | EUR | | | | | | USD 1.0718 |
| Slovenia | | | | | | | |
| Ljubljana | Euro = 100 cent | | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 |
| | EUR | | | | | | USD 1.0718 |
| Solomon Islands | | | | | | | |
| Honiara | Solomon Islands dollar = 100 cents | | M | SBD 1 = | USD 0.1193 | USD 0.1174 | USD 0.1175 |
| | | | M | SBD 1 = | EUR 0.11007 | EUR 0.10840 | EUR 0.10850 |
| | SBD | | | | | | EUR 0.10931 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro. ³ Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|--|-----------------|---------|------------------------|----------------------|----------------|----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Somalia ¹ | | | | | | | |
| Mogadishu | Somali shilling | M | USD 1 = | . | . | . | . |
| | SOS | M | EUR 1 = | . | . | . | . |
| South Africa | | | | | | | |
| Pretoria Seat of parliament: Cape Town | South African rand = 100 cents | B | USD 1 = | ZAR 18.2542 | ZAR 19.0479 | ZAR 18.7269 | ZAR 18.5783 |
| | | S | USD 1 = | ZAR 18.6240 | ZAR 19.4154 | ZAR 19.1590 | ZAR 18.9448 |
| | ZAR | B | EUR 1 = | ZAR 19.6917 | ZAR 20.5056 | ZAR 20.0736 | ZAR 19.7623 |
| | | S | EUR 1 = | ZAR 20.3482 | ZAR 21.1739 | ZAR 20.8082 | ZAR 20.4181 |
| South Sudan | | | | | | | |
| Juba | South Sudanese pound = 100 piastres | M | USD 1 = | SSP 945.9889 | SSP 1,433.6963 | SSP 1,586.0817 | SSP 1,555.5225 |
| | | M | EUR 1 = | SSP 1,025.3265 | SSP 1,549.6118 | SSP 1,722.7239 | SSP 1,667.2114 |
| Spain | | | | | | | |
| Madrid | Euro = 100 cent EUR | M | EUR 1 = | USD 1.0813 | USD 1.0826 | USD 1.0811 | USD 1.0718 |
| Sri Lanka | | | | | | | |
| Colombo | Sri Lanka rupee = 100 cents | B | USD 1 = | LKR 322.6446 | LKR 305.1682 | LKR 295.5429 | LKR 293.4489 |
| | | S | USD 1 = | LKR 335.1466 | LKR 314.8771 | LKR 305.3339 | LKR 302.7600 |
| | LKR | B | EUR 1 = | LKR 348.3617 | LKR 328.7998 | LKR 318.3163 | LKR 312.4107 |
| | | S | EUR 1 = | LKR 365.0789 | LKR 342.9230 | LKR 332.1141 | LKR 325.7999 |
| Sudan | | | | | | | |
| Khartoum | Sudanese pound = 100 piastres | B | USD 1 = | SDG 640.22 | SDG 1,075.00 | SDG 1,120.00 | SDG 1,250.00 |
| | | S | USD 1 = | SDG 646.02 | SDG 1,083.07 | SDG 1,128.40 | SDG 1,259.38 |
| | SDG | B | EUR 1 = | SDG 678.75 | SDG 1,131.72 | SDG 1,174.33 | SDG 1,299.87 |
| | | S | EUR 1 = | SDG 689.42 | SDG 1,151.74 | SDG 1,195.09 | SDG 1,322.86 |
| Suriname | | | | | | | |
| Paramaribo | Suriname dollar = 100 cents | B | USD 1 = | SRD 36.758 | SRD 35.110 | SRD 34.932 | SRD 33.407 |
| | | S | USD 1 = | SRD 37.032 | SRD 35.443 | SRD 35.252 | SRD 33.741 |
| | SRD | B | EUR 1 = | SRD 39.318 | SRD 37.968 | SRD 37.492 | SRD 35.706 |
| | | S | EUR 1 = | SRD 39.797 | SRD 38.587 | SRD 38.178 | SRD 36.003 |
| Sweden | | | | | | | |
| Stockholm | Swedish krona = 100 öre SEK | M | USD 1 = | SEK 10.61284 | SEK 10.35932 | SEK 10.66044 | SEK 10.96567 |
| | | M | EUR 1 = | SEK 11.4692 | SEK 11.2150 | SEK 11.5250 | SEK 11.7530 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|---|--|-----------------|---------|------------------------|----------------------|----------------|----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Switzerland | | | | | | | |
| Berne | Swiss franc = 100 rappen/centimes CHF | B | USD 1 = | CHF 0.8988 | CHF 0.8781 | CHF 0.9062 | CHF 0.9125 |
| | | B | EUR 1 = | CHF 0.9716 | CHF 0.9527 | CHF 0.9765 | CHF 0.9772 |
| Syrian Arab Republic ¹ | | | | | | | |
| Damascus | Syrian pound = 100 piastres SYP | B | USD 1 = | SYP 7,833.33 | SYP 12,500.00 | SYP 12,500.00 | SYP 12,500.00 |
| | | S | USD 1 = | SYP 7,911.67 | SYP 12,625.00 | SYP 12,625.00 | SYP 12,625.00 |
| | | B | EUR 1 = | SYP 8,490.03 | SYP 13,566.25 | SYP 13,526.25 | SYP 13,381.25 |
| | | S | EUR 1 = | SYP 8,574.93 | SYP 13,701.91 | SYP 13,661.51 | SYP 13,515.06 |
| Tajikistan | | | | | | | |
| Dushanbe | Somoni = 100 diram TJS | M | USD 1 = | TJS 10.8587 | TJS 10.9548 | TJS 10.9511 | TJS 10.9246 |
| | | M | EUR 1 = | TJS 11.7744 | TJS 11.8520 | TJS 11.8173 | TJS 11.7166 |
| Tanzania, United Republic of | | | | | | | |
| Dodoma Seat of Government: Dar es Salaam | Tanzania shilling = 100 cents TZS | B | USD 1 = | TZS 2,379.0330 | TZS 2,530.5842 | TZS 2,547.5544 | TZS 2,559.8614 |
| | | S | USD 1 = | TZS 2,402.8233 | TZS 2,555.8900 | TZS 2,573.0300 | TZS 2,585.4600 |
| | | B | EUR 1 = | TZS 2,580.2965 | TZS 2,739.3574 | TZS 2,752.6326 | TZS 2,744.4274 |
| | | S | EUR 1 = | TZS 2,606.7667 | TZS 2,767.7733 | TZS 2,781.1882 | TZS 2,772.9059 |
| Thailand | | | | | | | |
| Bangkok | Thai baht = 100 satang THB | B | USD 1 = | THB 34.5912 | THB 35.7757 | THB 36.2983 | THB 36.8907 |
| | | S | USD 1 = | THB 34.9173 | THB 36.0959 | THB 36.6318 | THB 37.2246 |
| | | B | EUR 1 = | THB 37.3372 | THB 38.5821 | THB 38.9390 | THB 39.3075 |
| | | S | EUR 1 = | THB 38.0687 | THB 39.2897 | THB 39.6486 | THB 40.0414 |
| Togo ¹ | | | | | | | |
| Lomé | CFA franc XOF | B | USD 1 = | XOF 601.85 | XOF 602.25 | XOF 605.25 | XOF 609.25 |
| | | S | USD 1 = | XOF 608.85 | XOF 609.25 | XOF 612.25 | XOF 616.25 |
| | | 2 | EUR 1 = | XOF 655.957 | XOF 655.957 | XOF 655.957 | XOF 655.957 |
| Tonga | | | | | | | |
| Nuku'alofa | Pa'anga = 100 seniti TOP | M | TOP 1 = | USD 0.4234 | USD 0.4212 | USD 0.4199 | USD 0.4196 |
| | | M | TOP 1 = | EUR 0.3891 | EUR 0.3887 | EUR 0.3880 | EUR 0.3915 |
| Trinidad and Tobago | | | | | | | |
| Port-of-Spain | Trinidad and Tobago dollar = 100 cents TTD | B | USD 1 = | TTD 6.7043 | TTD 6.6991 | TTD 6.7233 | TTD 6.7109 |
| | | S | USD 1 = | TTD 6.7708 | TTD 6.7606 | TTD 6.7515 | TTD 6.7591 |
| | | B | EUR 1 = | TTD 7.2901 | TTD 7.3989 | TTD 7.7731 | TTD 7.8578 |
| | | S | EUR 1 = | TTD 7.8575 | TTD 7.8881 | TTD 7.8946 | TTD 7.8550 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | | |
|------------------------------------|--|---|---------|------------------------|----------------------|--------------|--------------|------------|
| | | | | | February 2024 | March 2024 | April 2024 | |
| Tunisia | | | | | | | | |
| Tunis | Tunisian dinar = 1,000 millimes | B | USD 1 = | TND 3.0933 | TND 3.1166 | TND 3.1265 | TND 3.1462 | |
| | | S | USD 1 = | TND 3.0964 | TND 3.1198 | TND 3.1297 | TND 3.1493 | |
| | TND | B | EUR 1 = | TND 3.3506 | TND 3.3775 | TND 3.3721 | TND 3.3694 | |
| | | S | EUR 1 = | TND 3.3539 | TND 3.3809 | TND 3.3755 | TND 3.3728 | |
| Turkey | | | | | | | | |
| Ankara | Turkish lira = 100 kuruş | B | USD 1 = | TRY 23.7311 | TRY 31.1201 | TRY 32.2596 | TRY 32.3389 | |
| | | S | USD 1 = | TRY 23.7738 | TRY 31.1761 | TRY 32.3177 | TRY 32.3971 | |
| | TRY | B | EUR 1 = | TRY 26.1530 | TRY 33.6543 | TRY 34.8189 | TRY 34.6487 | |
| | | S | EUR 1 = | TRY 26.2002 | TRY 33.7149 | TRY 34.8816 | TRY 34.7111 | |
| Turkmenistan ¹ | | | | | | | | |
| Ashgabat | Turkmen manat = 100 tenge | 2 | USD 1 = | TMT 3.50 | TMT 3.50 | TMT 3.50 | TMT 3.50 | |
| | | M | EUR 1 = | TMT 3.7926 | TMT 3.7807 | TMT 3.7706 | TMT 3.7475 | |
| Kampala | Uganda shilling | B | USD 1 = | UGX 3,729.77 | UGX 3,934.75 | UGX 3,883.54 | UGX 3,809.75 | |
| | | S | USD 1 = | UGX 3,739.74 | UGX 3,944.75 | UGX 3,893.54 | UGX 3,819.75 | |
| | UGX | B | EUR 1 = | UGX 4,041.70 | UGX 4,263.30 | UGX 4,202.77 | UGX 4,076.05 | |
| | | S | EUR 1 = | UGX 4,052.49 | UGX 4,274.14 | UGX 4,213.59 | UGX 4,086.75 | |
| Ukraine | | | | | | | | |
| Kyiv | Hryvnia = 100 kopyok | M | USD 1 = | UAH 36.5670 | UAH 38.2077 | UAH 39.2214 | UAH 39.6688 | |
| | | M | EUR 1 = | UAH 39.5387 | UAH 41.2968 | UAH 42.3670 | UAH 42.4972 | |
| UAH | AED | 2 | USD 1 = | AED 3.6725 | AED 3.6725 | AED 3.6725 | AED 3.6725 | |
| | | V | EUR 1 = | AED 3.9710 | AED 3.9758 | AED 3.9703 | AED 3.9362 | |
| | United Arab Emirates ¹ | | | | | | | |
| | Abu Dhabi | United Arab Emirates dirham = 100 fils | 2 | USD 1 = | AED 3.6725 | AED 3.6725 | AED 3.6725 | AED 3.6725 |
| V | | | EUR 1 = | AED 3.9710 | AED 3.9758 | AED 3.9703 | AED 3.9362 | |
| United Kingdom ¹ | | | | | | | | |
| London | | Pound sterling = 100 pence | M | GBP 1 = | USD 1.2434 | USD 1.2650 | USD 1.2632 | USD 1.2520 |
| | M | | EUR 1 = | GBP 0.8679 | GBP 0.8556 | GBP 0.8551 | GBP 0.8539 | |
| GBP | USD | M | EUR 1 = | USD 1.0816 | USD 1.0803 | USD 1.0791 | USD 1.0665 | |
| | | M | GBP 1 = | USD 1.2438 | USD 1.2623 | USD 1.2622 | USD 1.2490 | |
| | United States | | | | | | | |
| | Washington | US dollar = 100 cents | M | EUR 1 = | USD 1.0816 | USD 1.0803 | USD 1.0791 | USD 1.0665 |
| USD | | M | GBP 1 = | USD 1.2438 | USD 1.2623 | USD 1.2622 | USD 1.2490 | |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries (cont'd)

| Country 1 Capital | Currency ISO currency code | Type of rate | Unit | Annual average 2023 | Rate at end of month | | |
|--|--|-----------------|---------|------------------------|----------------------|------------------|-----------------|
| | | | | | February 2024 | March 2024 | April 2024 |
| Uruguay | | | | | | | |
| Montevideo | Uruguayan peso = 100 centésimos UYU | M | USD 1 = | UYU 38.820 | UYU 39.047 | UYU 37.552 | UYU 38.318 |
| | | M | EUR 1 = | UYU 41.9776 | UYU 42.2020 | UYU 40.6388 | UYU 40.9160 |
| Uzbekistan | | | | | | | |
| Tashkent | Uzbekistan sum = 100 tiyin UZS | M | USD 1 = | UZS 11,757.77 | UZS 12,484.94 | UZS 12,620.09 | UZS 12,620.01 |
| | | M | EUR 1 = | UZS 12,743.17 | UZS 13,483.74 | UZS 13,599.41 | UZS 13,522.34 |
| Vanuatu | | | | | | | |
| Port Vila | Vatu VUV | B | USD 1 = | VUV 116.52 | VUV 117.18 | VUV 117.70 | VUV 118.01 |
| | | S | USD 1 = | VUV 123.93 | VUV 124.64 | VUV 125.19 | VUV 125.51 |
| | | B | EUR 1 = | VUV 127.43 | VUV 128.07 | VUV 128.29 | VUV 127.23 |
| | | S | EUR 1 = | VUV 132.58 | VUV 133.25 | VUV 133.47 | VUV 132.37 |
| Venezuela, Bolivarian Republic of 1 | | | | | | | |
| Caracas | Bolívar = 100 céntimos VES | B | USD 1 = | VES 29.372959 | VES 36.061421 | VES 36.198876 | VES 36.381818 |
| | | S | USD 1 = | VES 29.446575 | VES 36.151800 | VES 36.289600 | VES 36.473000 |
| | | B | EUR 1 = | VES 31.814808 | VES 39.125559 | VES 39.158858 | VES 38.901622 |
| | | S | EUR 1 = | VES 31.894545 | VES 39.223618 | VES 39.257001 | VES 38.999120 |
| Viet Nam | | | | | | | |
| Hanoi | Dong = 10 hào = 100 xu VND | B | USD 1 = | VND 23,691 | VND 24,480 | VND 24,630 | VND 25,118 |
| | | S | USD 1 = | VND 24,031 | VND 24,820 | VND 24,970 | VND 25,458 |
| | | B | EUR 1 = | VND 25,458.88 | VND 26,281.45 | VND 26,282.86 | VND 26,742.79 |
| | | S | EUR 1 = | VND 26,607.00 | VND 27,446.59 | VND 27,447.78 | VND 27,949.19 |
| Yemen 1 | | | | | | | |
| Sana'a | Yemeni rial = 100 fils YER | B | USD 1 = | . | . | . | . |
| | | S | USD 1 = | . | . | . | . |
| | | B | EUR 1 = | . | . | . | . |
| | | S | EUR 1 = | . | . | . | . |
| Zambia | | | | | | | |
| Lusaka | Kwacha = 100 ngwee ZMW | B | USD 1 = | ZMW 20.5262 | ZMW 23.4452 | ZMW 24.8849 | ZMW 26.7039 |
| | | S | USD 1 = | ZMW 20.5739 | ZMW 23.4949 | ZMW 24.9349 | ZMW 26.7537 |
| | | B | EUR 1 = | ZMW 22.2386 | ZMW 25.3701 | ZMW 26.9031 | ZMW 28.5732 |
| | | S | EUR 1 = | ZMW 22.2959 | ZMW 25.4309 | ZMW 26.9646 | ZMW 28.6398 |
| Zimbabwe 1 | | | | | | | |
| Harare | Zimbabwe dollar / Zimbabwe gold = 100 cents ZWL 2 | M | USD 1 = | ZWL 3,680.51954 | ZWL 14,912.82900 | ZWL 22,055.47380 | ZiG 13.4301 1 2 |
| | | M | EUR 1 = | ZWL 3,991.75400 | ZWL 16,156.72200 | ZWL 23,873.09090 | ZiG 14.3722 1 2 |

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 The ISO has not yet published a currency code for Zimbabwe gold.

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies

USD 1 = CU ..., monthly averages¹, log. scale



* See Explanatory notes, p. 50. ¹ Calculated on the basis of national central banks' daily rates.

V. Value of the special drawing right in selected currencies *

SDR 1 = CU ... , year-end and month-end data as well as daily data

| Period | US dollar USD | Euro EUR | Chinese yuan (renminbi) CNY | Japanese yen JPY | Pound sterling GBP | Canadian dollar CAD | Swiss franc CHF | Danish krone DKK | Norwegian krone NOK | Swedish krona SEK |
|--------------|------------------|-------------|-----------------------------------|---------------------|-----------------------|------------------------|--------------------|---------------------|---------------------------|----------------------|
| 2009 | 1.56769 | 1.08822 | 10.70450 | 143.797 | 0.968007 | 1.64075 | 1.61551 | 8.10688 | 9.05608 | 11.3070 |
| 2010 | 1.54003 | 1.15966 | 10.19950 | 125.436 | 0.997755 | 1.54142 | 1.44702 | 8.64469 | 9.06742 | 10.4761 |
| 2011 | 1.53527 | 1.18654 | 9.67352 | 119.321 | 0.992989 | 1.56254 | 1.44453 | 8.82099 | 9.20039 | 10.6293 |
| 2012 | 1.53692 | 1.16583 | 9.66660 | 133.020 | 0.953662 | 1.52954 | 1.40874 | 8.69762 | 8.55432 | 10.0140 |
| 2013 | 1.54000 | 1.11732 | 9.39770 | 162.162 | 0.935148 | 1.63856 | 1.37291 | 8.33556 | 9.41398 | 10.0229 |
| 2014 | 1.44881 | 1.19332 | 8.86525 | 174.733 | 0.928247 | 1.68076 | 1.43301 | 8.86611 | 10.76930 | 11.3176 |
| 2015 | 1.38573 | 1.27283 | 8.99548 | 167.116 | 0.935104 | 1.91785 | 1.37478 | 9.47221 | 12.20690 | 11.5742 |
| 2016 | 1.34433 | 1.27534 | 9.34283 | 157.018 | 1.092780 | 1.80503 | 1.36826 | 9.48128 | 11.58810 | 12.2295 |
| 2017 | 1.42413 | 1.18747 | 9.27343 | 160.785 | 1.054020 | 1.78837 | 1.38967 | 8.84056 | 11.68500 | 11.7238 |
| 2018 | 1.39079 | 1.21424 | 9.53107 | 154.141 | 1.095500 | 1.89153 | 1.36451 | 9.06709 | 12.11060 | 12.4768 |
| 2019 | 1.38283 | 1.23588 | 9.66184 | 150.894 | 1.053860 | 1.80583 | 1.34362 | 9.23156 | 12.16850 | 12.8879 |
| 2020 | 1.44027 | 1.18385 | 9.41203 | 149.255 | 1.073230 | 1.85161 | 1.28162 | 8.80553 | 12.57700 | 11.9614 |
| 2021 | 1.39959 | 1.23748 | 8.91599 | 159.848 | 1.041830 | 1.79808 | 1.28791 | 9.20217 | 12.38880 | 12.7593 |
| 2022 | 1.33084 | 1.25291 | 9.29731 | 176.537 | 1.102790 | 1.81035 | 1.23808 | 9.31203 | 13.08650 | 13.9407 |
| 2023 | 1.34167 | 1.21753 | 9.58727 | 190.454 | 1.053810 | 1.77933 | 1.14526 | 9.07779 | 13.72210 | 13.4605 |
| 2022 May | 1.34970 | 1.25987 | 8.99062 | 173.032 | 1.072130 | 1.70710 | 1.29578 | 9.37269 | 12.72250 | 13.2277 |
| June | 1.32778 | 1.27831 | 8.88920 | 181.415 | 1.096520 | 1.71098 | 1.27374 | 9.50959 | 13.22850 | 13.5691 |
| July | 1.32360 | 1.29790 | 8.90599 | 176.039 | 1.086520 | 1.69738 | 1.25954 | 9.66137 | 12.87810 | 13.4163 |
| Aug. | 1.30134 | 1.30134 | 8.97070 | 180.379 | 1.120300 | 1.70619 | 1.27545 | 9.67820 | 12.93380 | 13.8835 |
| Sep. | 1.27988 | 1.31297 | 9.08174 | 185.250 | 1.156590 | 1.74885 | 1.25364 | 9.76381 | 13.89620 | 14.2357 |
| Oct. | 1.28329 | 1.29443 | 9.35891 | 190.236 | 1.112280 | 1.75157 | 1.28310 | 9.63623 | 13.33620 | 14.1058 |
| Nov. | 1.31484 | 1.26719 | 9.39038 | 182.500 | 1.094700 | 1.77609 | 1.24864 | 9.42356 | 13.00750 | 13.8837 |
| Dec. | 1.33084 | 1.25291 | 9.29731 | 176.537 | 1.102790 | 1.81035 | 1.23808 | 9.31203 | 13.08650 | 13.9407 |
| 2023 Jan. | 1.34847 | 1.24478 | 9.10606 | 175.854 | 1.094180 | 1.80021 | 1.24976 | 9.25969 | 13.57840 | 14.0447 |
| Feb. | 1.32879 | 1.25133 | 9.22824 | 181.100 | 1.098620 | 1.80834 | 1.24633 | 9.31532 | 13.72870 | 13.8066 |
| Mar. | 1.34523 | 1.23699 | 9.23975 | 179.561 | 1.087010 | 1.82050 | 1.23405 | 9.21379 | 14.09430 | 13.9284 |
| Apr. | 1.34701 | 1.22667 | 9.32557 | 180.566 | 1.080760 | 1.82897 | 1.20638 | 9.14336 | 14.46360 | 13.8587 |
| May | 1.32746 | 1.24260 | 9.43663 | 185.579 | 1.073650 | 1.80575 | 1.20872 | 9.25480 | 14.91670 | 14.3816 |
| June | 1.33007 | 1.22407 | 9.65670 | 192.701 | 1.051690 | 1.76102 | 1.19833 | 9.05633 | 14.32650 | 14.4325 |
| July | 1.34294 | 1.21830 | 9.59840 | 189.247 | 1.043830 | 1.76959 | 1.16809 | 9.07985 | 13.62130 | 14.1310 |
| Aug. | 1.32994 | 1.22372 | 9.69518 | 194.265 | 1.048850 | 1.79954 | 1.17194 | 9.11951 | 14.17060 | 14.4522 |
| Sep. | 1.31498 | 1.24125 | 9.57753 | 196.510 | 1.071920 | 1.77785 | 1.19808 | 9.25609 | 13.96830 | 14.2561 |
| Oct. | 1.31414 | 1.23753 | 9.61714 | 196.398 | 1.079150 | 1.82284 | 1.18601 | 9.23788 | 14.69390 | 14.6142 |
| Nov. | 1.33329 | 1.21973 | 9.50805 | 195.966 | 1.054770 | 1.81087 | 1.16729 | 9.09289 | 14.29520 | 13.9424 |
| Dec. | 1.34167 | 1.21753 | 9.58727 | 190.454 | 1.053810 | 1.77933 | 1.14526 | 9.07779 | 13.72210 | 13.4605 |
| 2024 Jan. | 1.32988 | 1.22717 | 9.54946 | 196.158 | 1.048310 | 1.78165 | 1.14776 | 9.14854 | 13.92960 | 13.8280 |
| Feb. | 1.32756 | 1.22627 | 9.55064 | 199.931 | 1.049420 | 1.80151 | 1.16839 | 9.14068 | 14.09240 | 13.7526 |
| Mar. | 1.32405 | 1.22415 | 9.56562 | 200.262 | 1.049300 | 1.79325 | 1.19856 | 9.13676 | 14.31170 | 14.1083 |
| Apr. | 1.31793 | 1.22964 | 9.54444 | 206.678 | 1.050940 | 1.81163 | 1.20103 | 9.17111 | 14.52820 | 14.4520 |
| 2024 Mar. 25 | 1.32561 | 1.22346 | 9.55301 | 200.671 | 1.048870 | 1.80058 | 1.19034 | 9.12517 | 14.19830 | 14.0171 |
| 26 | 1.32689 | 1.22238 | 9.57909 | 200.772 | 1.048640 | 1.80086 | 1.19699 | 9.11777 | 14.21140 | 13.9999 |
| 27 | 1.32503 | 1.22506 | 9.57818 | 201.073 | 1.050480 | 1.80031 | 1.20140 | 9.13676 | 14.31170 | 14.0955 |
| 28 | 1.32343 | 1.22415 | 9.56361 | 200.367 | 1.049300 | 1.79325 | 1.19856 | . | . | 14.1083 |
| 29 | 1.32405 | . | 9.56562 | 200.262 | . | . | . | . | . | . |
| Apr. 1 | 1.32368 | . | 9.57048 | 200.379 | . | 1.79676 | . | . | . | . |
| 2 | 1.32134 | 1.22927 | 9.56032 | 200.447 | 1.051520 | 1.79332 | 1.20011 | 9.16809 | 14.39230 | 14.2072 |
| 3 | 1.32273 | 1.22668 | 9.57075 | 200.420 | 1.051540 | . | 1.20137 | 9.12037 | 14.30070 | 14.1989 |
| 4 | 1.32681 | 1.22264 | . | 201.171 | 1.047990 | . | 1.20209 | 9.11959 | 14.19790 | 14.0732 |
| 5 | 1.32592 | 1.22306 | . | 200.108 | 1.049610 | . | 1.19744 | 9.12284 | 14.19790 | 14.0970 |
| 8 | 1.32556 | 1.22476 | 9.58883 | 201.180 | 1.049240 | 1.80037 | 1.20056 | 9.13526 | 14.19560 | 14.0450 |
| 9 | 1.32737 | 1.22147 | 9.60191 | 201.641 | 1.046370 | 1.80230 | 1.19835 | 9.11095 | 14.16050 | 13.9925 |
| 10 | 1.32735 | 1.22224 | 9.60061 | 201.626 | 1.045320 | 1.81462 | 1.19953 | 9.11718 | 14.13710 | 13.9757 |
| 11 | 1.32003 | 1.23033 | 9.55274 | 201.779 | 1.052650 | 1.80738 | 1.20419 | 9.17878 | 14.29400 | 14.1870 |
| 12 | 1.31603 | 1.23548 | 9.52481 | 201.366 | 1.055310 | 1.81165 | 1.20232 | 9.21710 | 14.29440 | 14.2944 |
| 15 | 1.31637 | 1.23533 | 9.52871 | 201.918 | 1.053560 | 1.81185 | 1.20224 | 9.21634 | 14.36200 | . |
| 16 | 1.31423 | 1.23553 | 9.51448 | 202.864 | 1.055820 | . | 1.20009 | 9.21812 | 14.37540 | 14.3754 |
| 17 | 1.31510 | 1.23623 | 9.51900 | 203.486 | 1.055760 | 1.81405 | 1.19878 | 9.22356 | 14.45890 | 14.4383 |
| 18 | 1.31689 | 1.23316 | 9.53352 | 203.262 | 1.055330 | 1.81257 | 1.19679 | 9.20141 | 14.47420 | 14.3503 |
| 19 | 1.31535 | 1.23472 | 9.52408 | 203.432 | 1.057740 | 1.80834 | 1.19506 | 9.21379 | 14.52650 | 14.4018 |
| 22 | 1.31449 | 1.23635 | 9.52163 | 203.403 | 1.066480 | 1.80282 | 1.19829 | 9.22509 | 14.48810 | 14.3435 |
| 23 | 1.31453 | 1.23152 | 9.52562 | 203.449 | 1.064260 | 1.79735 | 1.19872 | 9.18805 | 14.44700 | 14.2893 |
| 24 | 1.31634 | 1.23184 | 9.53798 | 203.770 | 1.058200 | 1.80458 | 1.20301 | 9.18653 | 14.45320 | 14.3170 |
| 25 | 1.31796 | 1.22944 | 9.55155 | 204.824 | 1.053780 | 1.80416 | 1.20363 | 9.16994 | 14.40160 | 14.3094 |
| 26 | 1.31753 | 1.22973 | 9.54681 | 205.048 | 1.052890 | 1.80081 | 1.20199 | 9.17044 | 14.51030 | 14.3942 |
| 29 | 1.31800 | 1.22947 | 9.55101 | 205.1830 | 1.051830 | 1.80012 | 1.20135 | 9.16952 | 14.48750 | 14.3664 |
| 30 | 1.31793 | 1.22964 | 9.54444 | 206.678 | 1.050940 | 1.81163 | 1.20103 | 9.17111 | 14.52820 | 14.4520 |
| May 1 | 1.31475 | . | . | 207.507 | 1.053190 | 1.80896 | . | . | . | . |
| 2 | 1.31813 | 1.23213 | . | 205.628 | 1.053540 | 1.80558 | 1.20207 | 9.19025 | 14.59210 | 14.3937 |
| 3 | 1.32185 | 1.23031 | . | . | 1.052550 | . | 1.19931 | 9.17600 | 14.40440 | 14.3206 |
| 6 | 1.32250 | 1.22726 | 9.54235 | . | . | 1.80667 | 1.19752 | 9.15407 | 14.31760 | 14.2669 |
| 7 | 1.32137 | 1.22735 | 9.53362 | 203.556 | 1.053470 | 1.81093 | 1.19901 | 9.15558 | 14.35760 | 14.3367 |
| 8 | 1.31974 | 1.22846 | 9.53607 | 204.401 | 1.055960 | 1.81253 | 1.19911 | 9.16422 | 14.44310 | 14.4136 |
| 9 | 1.31850 | 1.22857 | 9.52671 | 205.093 | 1.058190 | 1.80530 | . | . | . | . |
| 10 | 1.32081 | 1.22535 | 9.54280 | 205.492 | 1.053950 | 1.80488 | 1.19771 | . | 14.30420 | 14.3201 |
| 13 | 1.32061 | 1.22336 | 9.55402 | 205.910 | 1.053670 | . | . | 9.12717 | . | . |
| 14 | 1.32107 | 1.22367 | 9.56087 | 206.589 | 1.052180 | . | 1.19887 | 9.12950 | . | 14.3518 |

Source: IMF, Washington. * See Explanatory notes, pp. 50-51. 1 ISO currency code: XDR.

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2022

| Exchange rate arrangement | Monetary policy framework | | | | | | |
|--|---|--|---------------|---|--|---|--|
| | Exchange rate target | | | | Monetary aggregate target | Inflation-targeting framework | Other ¹ |
| | Exchange rate anchor | | | | | | |
| | US dollar | Euro | Composite | Other | | | |
| No separate legal tender | Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste | Andorra Kosovo Montenegro San Marino | | Kiribati Nauru Tuvalu | | | |
| Currency board | Djibouti Hong Kong ECCU ⁴ Antigua & Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines | Bosnia and Herzegovina Bulgaria ² | | Brunei Darussalam Macao ³ | | | |
| Conventional peg | Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Iraq Jordan Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates | Cabo Verde Comoros Denmark ² Sao Tome and Principe WAEMU ⁶ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁷ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon | Fiji Libya | Bhutan Eswatini Lesotho Namibia Nepal | Samoa ⁵ | | |
| Stabilised arrangement | Cambodia Guyana Iran, Islamic Republic of Lebanon Maldives Trinidad and Tobago | Croatia ² North Macedonia | Singapore | | Bolivia, Plurinational State of ⁸ Nigeria ⁸ Papua New Guinea ⁸ Tajikistan ^{8,10} Tanzania, United Republic of ⁸ | Guatemala ⁸ Serbia ⁹ | Azerbaijan ⁸ Egypt ^{8,10} Kyrgyzstan ⁸ Malawi ⁸ Mongolia ¹⁰ Mozambique ^{8,10,11} Sudan ^{8,11} |
| Crawling peg | Honduras Nicaragua | | Botswana | | | | |
| Pegged exchange rate within horizontal bands | | | Morocco | | | | |

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2022, Table 4, IMF, Washington. * See Explanatory notes, pp. 51-52. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The member participates in ERM II. ³ Macao was added to

the report this year. ⁴ The members participate in the Eastern Caribbean Currency Union. ⁵ The country maintains a de facto exchange rate anchor to a composite. ⁶ The members participate in the West African Economic and Monetary Union. ⁷ The members participate in the Central African Economic and Monetary Community. ⁸ The

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2022

| Exchange rate arrangement | Monetary policy framework | | | | | | |
|---------------------------|---------------------------|------|--------------------------------|-------|--|---|--|
| | Exchange rate target | | | | Monetary aggregate target | Inflation-targeting framework | Other ¹ |
| | Exchange rate anchor | | | | | | |
| | US dollar | Euro | Composite | Other | | | |
| Crawl-like-arrangement | | | Viet Nam ⁸ | | Afghanistan ⁸ Algeria ^{8,12} Bangladesh ⁸ Burundi ⁸ China ⁵ Congo, Democratic Republic of the ⁸ Ethiopia ⁸ Gambia ⁸ Guinea ⁸ Rwanda ⁸ | Dominican Republic ⁸ Ghana ⁸ Kenya ^{8,11} Romania ⁹ Sri Lanka ^{8,13} Uzbekistan ⁸ | Argentina ⁸ Lao People's Democratic Republic ⁸ Mauritania ⁸ Mauritius ^{8,10,11} Solomon Islands ⁵ Switzerland ⁹ Tunisia ^{9,10} |
| Other managed arrangement | | | Kuwait Syrian Arab Republic | | Liberia ¹¹ Myanmar Sierra Leone Zimbabwe ^{11,12} | | Haiti South Sudan Tonga Vanuatu Venezuela, Bolivarian Republic of |
| Floating | | | | | Angola Belarus Madagascar Suriname Yemen | Albania Armenia Brazil ¹³ Colombia Costa Rica Czechia Georgia Hungary Iceland India ¹³ Indonesia ¹³ Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Seychelles South Africa Thailand ¹³ Turkey Uganda Ukraine Uruguay | Malaysia Pakistan ¹⁰ Zambia |
| Free floating | | | | | | Australia Canada Chile Japan Mexico Norway Poland ¹³ Russian Federation Sweden ¹³ United Kingdom | Somalia ¹⁴ United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain |

country maintains a de facto exchange rate anchor to the US dollar. ⁹ The country maintains a de facto exchange rate anchor to the euro. ¹⁰ The central bank is in transition towards inflation targeting. ¹¹ The exchange rate arrangement was reclassified twice during this reporting period. ¹² The exchange rate arrangement or monetary

policy framework was reclassified retroactively, overriding a previously published classification. ¹³ The monetary policy framework is referred to as "flexible inflation-targeting". ¹⁴ Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes *

| ISO code | Currency | Country 1 or territory | ISO code | Currency | Country 1 or territory | ISO code | Currency | Country 1 or territory |
|----------|-------------------------------|---|----------|------------------------|--|----------|-----------------------|--|
| AED | United Arab Emirates dirham | United Arab Emirates | CUP | Cuban peso | Cuba | GMD | Dalasi | Gambia |
| AFN | Afghani | Afghanistan | CVE | Cabo Verde escudo | Cabo Verde | GNF | Guinean franc | Guinea |
| ALL | Albanian lek | Albania | CZK | Czech koruna | Czechia | GTQ | Quetzal | Guatemala |
| AMD | Armenian dram | Armenia | | | | GYD | Guyana dollar | Guyana |
| ANG | Netherlands Antillean guilder | Curaçao Sint Maarten (southern part) | DJF | Djibouti franc | Djibouti | | | |
| AOA | Kwanza | Angola | DKK | Danish krone | Denmark Faroe Islands Greenland | HKD | Hong Kong dollar | Hong Kong |
| ARS | Argentine peso | Argentina | DOP | Dominican peso | Dominican Republic | HNL | Lempira | Honduras |
| AUD | Australian dollar | Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu | DZD | Algerian dinar | Algeria | HTG | Gourde | Haiti |
| | | | EGP | Egyptian pound | Egypt | HUF | Hungarian forint | Hungary |
| AWG | Aruban florin | Aruba | ERN | Nakfa | Eritrea | IDR | Indonesian rupiah | Indonesia |
| AZN | Azerbaijan manat | Azerbaijan | ETB | Birr | Ethiopia | ILS | New shekel | Israel |
| | | | EUR | Euro | Austria Belgium Croatia Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain | INR | Indian rupee | India Bhutan |
| BAM | Convertible marka | Bosnia and Herzegovina | | | | IQD | Iraqi dinar | Iraq |
| BBD | Barbados dollar | Barbados | | | | IRR | Iranian rial | Iran, Islamic Republic of |
| BDT | Taka | Bangladesh | | | | ISK | Icelandic krona | Iceland |
| BGN | Bulgarian lev | Bulgaria | | | | | | |
| BHD | Bahraini dinar | Bahrain | | | | JMD | Jamaican dollar | Jamaica |
| BIF | Burundi franc | Burundi | | | | JOD | Jordanian dinar | Jordan |
| BMD | Bermudian dollar | Bermuda | | | | JPY | Japanese yen | Japan |
| BND | Brunei dollar | Brunei Darussalam | | | | | | |
| BOB | Boliviano | Bolivia, Plurinational State of | | | | KES | Kenya shilling | Kenya |
| BRL | Brazilian real | Brazil | | | | KGS | Kyrgyz som | Kyrgyzstan |
| BSD | Bahamian dollar | Bahamas | | | | KHR | Riel | Cambodia |
| BTN | Ngultrum | Bhutan | | | | KMF | Comorian franc | Comoros |
| BWP | Pula | Botswana | | | | KPW | North Korean won | Korea, Democratic People's Republic of |
| BYN | Belarusian rouble | Belarus | | | | KRW | South Korean won | Korea, Republic of |
| BZD | Belize dollar | Belize | | | | KWD | Kuwaiti dinar | Kuwait |
| | | | | | | KYD | Cayman Islands dollar | Cayman Islands |
| | | | FJD | Fiji dollar | Fiji | KZT | Tenge | Kazakhstan |
| CAD | Canadian dollar | Canada | FKP | Falkland Islands pound | Falkland Islands (Islas Malvinas) | | | |
| CDF | Congo franc | Congo, Democratic Republic of the | | | | LAK | Kip | Lao People's Democratic Republic |
| CHF | Swiss franc | Switzerland Liechtenstein | GBP | Pound sterling | United Kingdom Guernsey Isle of Man Jersey | LBP | Lebanese pound | Lebanon |
| CLP | Chilean peso | Chile | | | | LKR | Sri Lanka rupee | Sri Lanka |
| CNY | Chinese renminbi | China | GEL | Lari | Georgia | LRD | Liberian dollar | Liberia |
| COP | Colombian peso | Colombia | GHS | Ghana cedi | Ghana | LSL | Loti | Lesotho |
| CRC | Costa Rican colón | Costa Rica | GIP | Gibraltar pound | Gibraltar | LYD | Libyan dinar | Libya |

* Extracted and compiled from ISO communications. 1 See Explanatory notes on individual countries, pp. 53 ff.

VII. ISO currency codes (cont'd) *

| ISO code | Currency | Country 1 or territory | ISO code | Currency | Country 1 or territory | ISO code | Currency | Country 1 or territory |
|----------|-----------------------|--|----------|----------------------------|--|----------|-----------------------|--|
| MAD | Moroccan dirham | Morocco Western Sahara | SAR | Saudi riyal | Saudi Arabia | UYU | Uruguayan peso | Uruguay |
| MDL | Moldovan leu | Moldova, Republic of | SBD | Solomon Islands dollar | Solomon Islands | UZS | Uzbekistan sum | Uzbekistan |
| MGA | Ariary | Madagascar | SCR | Seychelles rupee | Seychelles | VES | Bolívar | Venezuela, Bolivarian Republic of |
| MKD | North Macedonia denar | North Macedonia | SDG | Sudanese pound | Sudan | VND | Dong | Viet Nam |
| MMK | Kyat | Myanmar | SEK | Swedish krona | Sweden | VUV | Vatu | Vanuatu |
| MNT | Togrog | Mongolia | SGD | Singapore dollar | Singapore | WST | Tala | Samoa |
| MOP | Pataca | Macao | SHP | Saint Helena pound | Saint Helena, Ascension and Tristan da Cunha | XAF | CFA franc | Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon |
| MRU | Ouguiya | Mauritania | SLE | Leone | Sierra Leone | XCD | East Caribbean dollar | Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines |
| MUR | Mauritian rupee | Mauritius | SOS | Somali shilling | Somalia | XOF | CFA franc | Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo |
| MVR | Rufiyaa | Maldives | SRD | Suriname dollar | Suriname | XPF | CFP franc | New Caledonia French Polynesia Wallis and Futuna (Islands) |
| MWK | Malawi kwacha | Malawi | SSP | South Sudanese pound | South Sudan | YER | Yemeni rial | Yemen |
| MXN | Mexican peso | Mexico | STN | Dobra | Sao Tome and Principe | ZAR | South African rand | South Africa Lesotho Namibia |
| MYR | Malaysian ringgit | Malaysia | SVC | El Salvador colón | El Salvador | ZMW | Kwacha | Zambia |
| MZN | Metical | Mozambique | SYP | Syrian pound | Syrian Arab Republic | ZWL | Zimbabwe dollar | Zimbabwe ¹ |
| NAD | Namibia dollar | Namibia | SZL | Lilangeni | Eswatini | | | |
| NGN | Naira | Nigeria | THB | Thai baht | Thailand | | | |
| NIO | Córdoba | Nicaragua | TJS | Somoni | Tajikistan | | | |
| NOK | Norwegian krone | Norway Spitzbergen/ Spitsbergen | TMT | Turkmen manat | Turkmenistan | | | |
| NPR | Nepalese rupee | Nepal | TND | Tunisian dinar | Tunisia | | | |
| NZD | New Zealand dollar | New Zealand Cook Islands Niue Pitcairn Islands Group Tokelau | TOP | Pa'anga | Tonga | | | |
| | | | TRY | Turkish lira | Turkey | | | |
| | | | TTD | Trinidad and Tobago dollar | Trinidad and Tobago | | | |
| | | | TWD | New Taiwan dollar | China (Taiwan) | | | |
| OMR | Rial Omani | Oman | TZS | Tanzania shilling | Tanzania, United Republic of | | | |
| PAB | Balboa | Panama | UAH | Hryvnia | Ukraine | | | |
| PEN | Sol | Peru | UGX | Uganda shilling | Uganda | | | |
| PGK | Kina | Papua New Guinea | USD | US dollar | United States American Samoa Bonaire British Virgin Islands Ecuador El Salvador Guam Marshall Islands Micronesia, Federated States of Northern Mariana Islands Palau Panama Puerto Rico Saba Saint Eustatius Timor-Leste Turks and Caicos Islands Virgin Islands of the United States | | | |
| PHP | Philippine peso | Philippines | | | | | | |
| PKR | Pakistani rupee | Pakistan | | | | | | |
| PLN | Polish zloty | Poland | | | | | | |
| PYG | Guaraní | Paraguay | | | | | | |
| QAR | Qatari riyal | Qatar | | | | | | |
| RON | Romanian leu | Romania | | | | | | |
| RSD | Serbian dinar | Serbia | | | | | | |
| RUB | Russian rouble | Russian Federation | | | | | | |
| RWF | Rwanda franc | Rwanda | | | | | | |

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, pp. 53 ff.

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

On 1 January 1999, 11 Member States of the European Union initially adopted the euro as their single currency. On 1 January 2001, Greece joined the euro area, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009, Estonia on 1 January 2011, Latvia on 1 January 2014, Lithuania on 1 January 2015 and Croatia on 1 January 2023 (for details, see Table I. 1., p. 7).

Since the introduction of the euro, there has been no autonomous foreign exchange market for the currencies replaced by the euro; the euro alone is quoted against non-euro area currencies, such as the US dollar and the Japanese yen.

Since 4 January 1999, the ECB has published euro foreign exchange reference rates for selected currencies each working day. These rates are calculated on the basis of the daily concertation between central banks which takes place at 14:10 CET. Only one reference rate, i. e. the middle rate, is established by this procedure. For information on the framework for the euro foreign exchange reference rates, see the ECB's website: <https://www.ecb.europa.eu/stats/pdf/exchange/Frameworkfortheeuroforeignexchangerates.en.pdf?c883afa875c74877fdf4634dcb85688c>.

Effective euro exchange rates

The indices of the nominal effective exchange rates of the euro are designed to measure, in aggregated form, the impact of changes in exchange rates on the price competitiveness of the euro area economy as a whole. They are calculated by the Deutsche Bundesbank on the basis of weighted averages of the bilateral euro exchange rates against the currencies of selected trading partners of the euro area, with Q1 1999 = 100. An increase in the index rate indicates an appreciation of the euro and thus, taken in isolation, a negative impact on the price competitiveness of the domestic economy. The weights are based on the trade in manufactured goods (Sections 5 to 8 of the Standard International Trade Classification (SITC)) and services (Extended Balance of Payments Services Classifica-

tion (EBOPS) – Total EBOPS services) and also reflect third-market effects.

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the extended or the broad EER group as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?1f184ad85cc2c5ccef05680706893cde>).

The real effective exchange rates of the euro additionally take account of the differences in price movements between the groups of countries under review. If the current price indices for determining the real effective exchange rate based on consumer price indices are not yet available, estimates are used for the calculation.

For further information on the calculation method, see the ECB's methodological notes relating to the daily nominal effective exchange rate of the euro and ECB Occasional Paper No 134 of June 2012, which can be downloaded from the ECB's website (www.ecb.europa.eu).

Indicators of the German economy's price competitiveness

The calculation of indicators of the German economy's price competitiveness is methodically consistent with the ECB's procedure for determining the effective exchange rates of the euro. For more detailed information on methodology and weighting scale, see the website of the Deutsche Bundesbank (<https://www.bundesbank.de/content/796162>).

The indicators are broken down into three groups in Table III. 3. (p. 17).

The group of 27 selected industrialised countries comprises the respective composition of euro area countries (see Table I. 1., p. 7) as well as Canada, Denmark, Japan,

Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro^o

Figures in %

As of September 2023

| Trading partner | Calculation period for weights ¹ | | | | | | | | | | | |
|--|---|---------------------------|--------------|--------------|--------------|--------------|-------------------------------------|---------------------------|--------------|--------------|--------------|--------------|
| | Extended EER group of trading partners | | | | | | Broad EER group of trading partners | | | | | |
| | 1995 to 1997 | 1998 to 2000 | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | 2019 to 2021 | 1995 to 1997 | 1998 to 2000 | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | 2019 to 2021 |
| | Period of use of weights ¹ | | | | | | | | | | | |
| | Up to end of 1997 | 1998 to 2000 ² | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | From 2019 | Up to end of 1997 | 1998 to 2000 ² | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | From 2019 |
| Broad EER group | | | | | | | 100 | 100 | 100 | 100 | 100 | 100 |
| Extended EER group | 100 | 100 | 100 | 100 | 100 | 100 | | | | | | |
| Australia | 1.01 | 0.91 | 1.15 | 1.05 | 1.00 | 0.93 | 0.82 | 0.75 | 0.90 | 0.83 | 0.80 | 0.75 |
| Bulgaria | 0.27 | 0.31 | 0.59 | 0.63 | 0.66 | 0.67 | 0.22 | 0.26 | 0.46 | 0.49 | 0.53 | 0.54 |
| Canada | 1.86 | 1.94 | 1.85 | 1.81 | 1.73 | 1.70 | 1.52 | 1.60 | 1.45 | 1.42 | 1.37 | 1.37 |
| China | 4.16 | 4.88 | 16.78 | 17.52 | 17.38 | 19.64 | 3.39 | 4.02 | 13.12 | 13.79 | 13.83 | 15.79 |
| Czechia | 2.39 | 2.50 | 4.30 | 4.19 | 4.48 | 4.42 | 1.95 | 2.06 | 3.36 | 3.30 | 3.56 | 3.55 |
| Denmark | 3.17 | 2.84 | 2.49 | 2.39 | 2.31 | 2.33 | 2.59 | 2.34 | 1.94 | 1.88 | 1.84 | 1.87 |
| Hong Kong | 3.72 | 3.81 | 2.96 | 2.80 | 2.59 | 2.40 | 3.03 | 3.14 | 2.32 | 2.21 | 2.06 | 1.93 |
| Hungary | 1.64 | 2.16 | 2.59 | 2.66 | 2.77 | 2.79 | 1.33 | 1.78 | 2.02 | 2.09 | 2.21 | 2.24 |
| Japan | 10.07 | 9.09 | 5.87 | 4.79 | 4.77 | 4.55 | 8.21 | 7.49 | 4.59 | 3.77 | 3.80 | 3.66 |
| Korea, Republic of | 2.89 | 2.63 | 3.26 | 3.10 | 3.00 | 2.99 | 2.36 | 2.17 | 2.54 | 2.44 | 2.39 | 2.40 |
| Norway | 1.70 | 1.59 | 1.57 | 1.44 | 1.23 | 1.17 | 1.38 | 1.31 | 1.23 | 1.13 | 0.98 | 0.94 |
| Poland | 2.60 | 2.94 | 5.65 | 5.86 | 6.33 | 6.93 | 2.12 | 2.42 | 4.42 | 4.61 | 5.03 | 5.57 |
| Romania | 0.72 | 0.79 | 1.87 | 2.08 | 2.28 | 2.27 | 0.58 | 0.65 | 1.46 | 1.64 | 1.81 | 1.83 |
| Singapore | 2.42 | 2.16 | 2.30 | 2.13 | 2.92 | 3.30 | 1.97 | 1.78 | 1.80 | 1.68 | 2.32 | 2.65 |
| Sweden | 5.15 | 4.87 | 4.28 | 4.06 | 3.82 | 3.68 | 4.20 | 4.01 | 3.35 | 3.20 | 3.04 | 2.96 |
| Switzerland | 9.78 | 8.54 | 8.43 | 8.30 | 7.85 | 7.38 | 7.97 | 7.04 | 6.59 | 6.54 | 6.25 | 5.94 |
| United Kingdom | 22.99 | 22.29 | 15.42 | 15.63 | 14.95 | 12.98 | 18.74 | 18.37 | 12.05 | 12.31 | 11.90 | 10.43 |
| United States | 23.46 | 25.75 | 18.64 | 19.56 | 19.93 | 19.87 | 19.12 | 21.21 | 14.57 | 15.40 | 15.86 | 15.98 |
| Additional countries in the broad EER group | | | | | | | | | | | | |
| Algeria | | | | | | | 0.37 | 0.32 | 0.39 | 0.39 | 0.30 | 0.22 |
| Argentina | | | | | | | 0.54 | 0.50 | 0.43 | 0.35 | 0.32 | 0.26 |
| Brazil | | | | | | | 1.29 | 1.25 | 1.57 | 1.34 | 1.11 | 0.98 |
| Chile | | | | | | | 0.33 | 0.30 | 0.39 | 0.32 | 0.28 | 0.26 |
| China (Taiwan) | | | | | | | 1.83 | 1.89 | 1.28 | 1.17 | 1.21 | 1.29 |
| Colombia | | | | | | | 0.21 | 0.18 | 0.21 | 0.21 | 0.18 | 0.16 |
| Iceland | | | | | | | 0.07 | 0.08 | 0.09 | 0.09 | 0.11 | 0.09 |
| India | | | | | | | 1.14 | 1.17 | 2.63 | 2.64 | 2.68 | 2.90 |
| Indonesia | | | | | | | 0.82 | 0.59 | 0.62 | 0.60 | 0.59 | 0.53 |
| Israel | | | | | | | 1.05 | 1.04 | 0.78 | 0.83 | 0.87 | 0.98 |
| Malaysia | | | | | | | 1.15 | 1.01 | 0.95 | 0.91 | 0.85 | 0.89 |
| Mexico | | | | | | | 0.76 | 1.08 | 1.11 | 1.19 | 1.30 | 1.26 |
| Morocco | | | | | | | 0.54 | 0.60 | 0.63 | 0.65 | 0.71 | 0.66 |
| New Zealand | | | | | | | 0.17 | 0.13 | 0.14 | 0.15 | 0.15 | 0.14 |
| Peru | | | | | | | 0.14 | 0.10 | 0.16 | 0.16 | 0.16 | 0.15 |
| Philippines | | | | | | | 0.36 | 0.45 | 0.32 | 0.39 | 0.40 | 0.37 |
| Russian Federation | | | | | | | 2.32 | 1.77 | 3.34 | 3.08 | 2.53 | 2.30 |
| Saudi Arabia | | | | | | | 0.47 | 0.43 | 0.69 | 0.81 | 0.75 | 0.66 |
| South Africa | | | | | | | 0.90 | 0.86 | 0.86 | 0.76 | 0.71 | 0.65 |
| Thailand | | | | | | | 1.14 | 0.89 | 0.99 | 0.99 | 1.02 | 0.88 |
| Turkey | | | | | | | 2.01 | 2.10 | 2.66 | 2.73 | 2.60 | 2.48 |
| Ukraine | | | | | | | 0.42 | 0.36 | 0.59 | 0.43 | 0.38 | 0.44 |
| United Arab Emirates | | | | | | | 0.47 | 0.50 | 1.00 | 1.08 | 1.21 | 1.05 |

^o Weights based on trade in goods and services. Figures have been rounded. In addition, the ECB publishes weighting schemes and indicators for the narrow EER group of trading partners with 12 countries. ¹ Selected calculation periods; for a comprehensive overview, see <https://www.bundesbank.de/en/statistics/exchange-rates/effective-exchange-rates/-/methodology-and-quality-796162>. ² Including the reference period of the indices.

Norway, Sweden, Switzerland, the United Kingdom and the United States.

The group of 37 countries comprises the euro area countries and the countries of the extended EER group of trading partners; the group of 60 countries consists of the euro area countries as well as the countries of the broad EER group.

■ Overview of world currencies

The end-of-month exchange rates listed in Table IV. 1. (pp. 18-40) are the latest rates known to us at the end of a given month; in general, they have been taken from reliable sources (central bank or a commercial bank in the country in question). However, we do not know whether transactions were actually executed at those rates in all cases. If no exchange rates for euro or US dollar are available from a country, we have calculated comparative values at the exchange rates or parities available and identified them with a "V" in the column "type of rate".

The previous-year average specified in this table was basically calculated from all of the rates or comparable figures available to us.

In addition to the generally accepted currency name, the three-character alphabetical ISO currency code is specified (see Table VII., pp. 46-47). This was developed by the International Organization for Standardization as ISO Standard 4217. This currency code is designed to enable uniformly abbreviated designations for currency-related values to be used in international financial transactions. This applies, *inter alia*, to all external payments under the SWIFT system. The ISO code should not, however, be confused with the official national currency abbreviations.

■ Value of the special drawing right

The value of a SDR (ISO code: XDR) is currently defined as the sum of the values of fixed amounts of five currencies.

The composition of the currency basket as well as the weights and amounts of the currency units in the basket are generally reviewed every five years. As a result of the latest review, conducted in 2022, since 1 August 2022, the SDR basket has contained the fixed currency amounts shown in column (a). These were fixed on 29 July 2022 on the basis of the average exchange rates in the London spot exchange market over the preceding three-month period

(2 May to 29 July, 2022) and the initial new percentage weights (column b) such that, on 29 July 2022, the new SDR value corresponded with the value calculated on the basis of the old basket (see <https://www.imf.org/en/Publications/Policy-Papers/Issues/2022/07/29/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-521564>).

| | (a) | (b) |
|-------------------------|----------|-------|
| US dollar | 0.57813 | 43.38 |
| Euro | 0.37379 | 29.31 |
| Chinese yuan (renminbi) | 1.0993 | 12.28 |
| Japanese yen | 13.452 | 7.59 |
| Pound sterling | 0.080870 | 7.44 |

The above-mentioned currency amounts are converted into US dollar amounts on the basis of the market rates on every business day. In principle, the middle rates between the buying and selling rates fixed at noon in the London spot exchange market are used as market rates. The sum of the US dollar equivalents of the currency amounts yields the value of the SDR expressed in terms of the US dollar. Values of the SDR in terms of all other currencies are ascertained, using the value for the SDR in terms of the US dollar, from the representative market exchange rates of these currencies vis-à-vis the US dollar; for the euro, it is the foreign exchange reference rate of the European Central Bank.

The current criteria for inclusion were adopted by the Executive Board in 2000. They establish that the SDR basket comprises the currencies that are issued by member countries or monetary unions whose exports had the largest value over a five-year period, and have been determined by the IMF to be "freely usable". In the case of a monetary union, exports of goods and services do not cover cross-border trade between the members of the monetary union.

The export criterion, which acts as a "gateway", aims to ensure that currencies that qualify for the basket are those issued by member countries or monetary unions that play a central role in the global economy. This criterion has been part of the SDR methodology since the 1970s.

The requirement for currencies in the SDR basket to be also freely usable is the second criterion, and it was incorporated in 2000 to reflect formally the importance of financial transactions for the purposes of valuing the SDR basket.

A "freely usable" currency is defined in the IMF's Articles of Agreement to mean a currency that the IMF determines is, in fact, widely used to make payments for international

transactions, and is widely traded in the major exchange markets. The concept of a freely usable currency concerns the actual international use and trading of a currency, and is different from whether a currency is either freely floating or fully convertible. A currency can be widely used and widely traded even if it is subject to some capital account restrictions. On the other hand, a currency that is fully convertible is not necessarily widely used and widely traded.

The formula adopted by the IMF for determining currency weights for the SDR basket assigns equal shares to the currency issuer's exports and a composite financial indicator. The financial indicator comprises, in equal shares, official reserves denominated in the member country's (or monetary union's) currency that are held by other monetary authorities that are not issuers of the relevant currency, foreign exchange turnover in the relevant currency, and the sum of all outstanding international bank liabilities and international debt securities denominated in the currency.

The IMF uses the SDR as unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private bodies in Germany and abroad, inter alia as the "successor" to those units of account which had hitherto been defined in terms of gold (e. g. gold francs).

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2022 (see Table VI., pp. 44-45) is based on the IMF's "Annual Report on Exchange Arrangements and Exchange Restrictions 2022", which can be accessed online (<https://www.elibrary-areaer.imf.org>).

The IMF's classification system is generally based on the actual, de facto exchange rate regimes identified and operating in member countries. These may differ from the official, de jure exchange rate arrangements in these countries.

Exchange rate arrangements are primarily classified on the basis of the degree to which the exchange rate is determined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. The IMF's system distinguishes between four major categories. The category "hard pegs" (fixed

exchange rate anchors) is subdivided into exchange arrangements with no separate legal tender and currency board arrangements (institutionalised, unilateral exchange rate peg). The category "soft pegs" (less stringent exchange rate anchors) comprises conventional fixed peg arrangements (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands. The category "floating regimes" (market-determined rates) distinguishes between free-floating rates (intervention in exceptional cases only) and floating rates (more frequent modes of intervention). All other exchange rate arrangements are grouped under the category "residual" (other managed arrangements). The classification system presents members' exchange rate arrangements against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

Exchange rate anchor

The monetary authority buys or sells foreign exchange to maintain the exchange rate at its predetermined level or within a range. The exchange rate thus serves as the nominal anchor or intermediate target of monetary policy. These frameworks are associated with exchange rate arrangements with no separate legal tender, currency board arrangements, pegs (or stabilised arrangements) with or without bands, crawling pegs (or crawl-like arrangements) and other managed arrangements.

Monetary aggregate target

The monetary authority uses its instruments to achieve a target growth rate for a monetary aggregate, such as reserve money, M1 or M2, and the targeted aggregate becomes the nominal anchor or intermediate target of monetary policy.

Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authority to achieve these targets, typically over a medium-term horizon. Additional key features normally include increased communication with the public and the markets about the plans and objectives of monetary policymakers and increased accountability of the central bank for achieving its inflation objectives. Monetary policy

decisions are often guided by the deviation of forecasts of future inflation from the announced inflation target, with the inflation forecast acting (implicitly or explicitly) as the intermediate target of monetary policy.

Other

The country has no explicitly stated nominal anchor, but rather monitors various indicators in conducting monetary policy. This category is also used when no relevant information on the country is available.

Explanatory notes on individual countries

Argentina

Capital controls were introduced by decree on 1 September 2019 in response to the escalating financial and sovereign debt crisis.

Since 23 December 2019 (the date on which Law 27541 entered into force), Argentina has been levying a tax (Impuesto Para una Argentina Inclusiva y Solidaria = PAÍS) of 30% on transactions such as the following:

- purchases of foreign currency banknotes and foreign exchange, including travellers' cheques, by Argentine residents;
- the exchange of foreign currency intended for the purchase of goods or services or for the purchase of services abroad;
- foreign transactions with Argentine bank cards.

The Argentine Tax Authority (Administración Federal de Ingresos Públicos = AFIP) has been levying additional taxes on the aforementioned transactions since 16 September 2020, which have been raised in several stages – the last time in November 2023 – to a total of no more than 125%. With effect from 13 December 2023, the Argentine peso was devalued and the additional taxes of the AFIP were combined to a uniform tax rate of 30%.

In addition, since 4 November 2022, there has been a separate settlement exchange rate for non-residents making payments on selected foreign credit, debit and prepaid cards for tourism purposes; this rate stood at 1,070 Argentine pesos to the US dollar at the beginning of May 2024.

Bangladesh

Units of account for larger amounts: 1 lakh (in digits: 1,00,000) = 100,000 taka; 1 crore (in digits: 1,00,00,000) = 100 lakh = 10,000,000 taka.

Benin

Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo all belong to the West African Economic and Monetary Union (Union Économique et Monétaire Ouest Africaine = UEMOA). The responsible monetary authority is the Banque Centrale des États de

l'Afrique de l'Ouest, whose CFA franc (Franc de la Communauté Financière Africaine = F.CFA) is legal tender only in the aforementioned countries.

Bhutan

The Indian rupee is likewise legal tender alongside the Bhutanese ngultrum (convertible at par).

Brunei Darussalam

Under an agreement between Brunei Darussalam and Singapore, the Singapore dollar (convertible at par) is also accepted as customary tender.

Burkina Faso

See Explanatory notes on Benin.

Cameroon

Cameroon, the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon all belong to the Central African Economic and Monetary Community (Communauté Économique et Monétaire de l'Afrique Centrale = CEMAC). The responsible monetary authority is the Banque des États de l'Afrique Centrale, whose CFA franc (Franc de la Coopération Financière en Afrique Centrale = F.CFA) is legal tender only in the aforementioned countries.

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

The New Zealand dollar is also legal tender alongside the Cook Islands dollar (convertible at par).

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

We have the following information on file about how exchange rates have been applied since 4 August 2022:

Rate for transactions by general government
For all government sector transactions.

Rate for non-government transactions
For all transactions by households and enterprises as well as by the government foreign exchange bureaus (Casas de Cambio = CADECA).

In addition, it is understood that there is a black market where, according to press reports, the exchange rate to the US dollar stood at 390 Cuban pesos at the beginning of May 2024.

The euro is also an accepted form of payment in some tourist locations.

Egypt

The Egyptian pound was devalued on 6 March 2024.
We recorded the following exchange rates (buying/selling):

5 March 2024 USD 1 = EGP 30.75 / 30.85
 EUR 1 = EGP 33.3361 / 33.5525

6 March 2024 USD 1 = EGP 49.50 / 49.60
 EUR 1 = EGP 53.6729 / 54.1037.

Calculated using these exchange rates, the Egyptian pound experienced a devaluation of 37.8% against the US dollar and 37.9% against the euro (each calculated on the basis of the middle rates).

El Salvador

The US dollar is likewise legal tender alongside the El Salvador colón.

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

The South African rand is likewise legal tender alongside the lilangeni (convertible at par).

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

Units of account for larger amounts: 1 lakh (in digits: 1,00,000) = 100,000 rupees; 1 crore (in digits: 1,00,00,000) = 100 lakh = 10,000,000 rupees.

Iran, Islamic Republic of

As we have only incomplete information on the extensive changes and regulations in the multiple exchange rate system, the information provided below on applying exchange rates – valid since 6 August 2018 – is intended merely as a guideline.

Central bank rate
For imports of essential goods (e.g. basic foodstuffs and pharmaceuticals).

NIMA rate (see <https://www.sanarate.ir/Default.aspx>)
For other, non-specified goods imports and services. Access to the electronic platform NIMA is possible only for certain importers as well as exchange bureaus.

Bureau de change rate
Used in addition to the regulated central bank and NIMA exchange rates, including for travelling abroad, tuition fees at foreign universities, medical treatment and legal fees abroad.

The term "toman" (an old Persian currency) is also used to denote 10 Iranian rials.

Kenya

The term "Kenya pound" is a unit of account equivalent to 20 Kenya shillings.

Korea, Democratic People's Republic of

We have no exchange rates for the won as of July 2020.

Lesotho

The South African rand is likewise legal tender alongside the loti (convertible at par).

Liberia

The US dollar is likewise legal tender alongside the Liberian dollar.

Macao

The Hong Kong dollar, to which the pataca is pegged at a rate of HKD 100 = MOP 103, is in circulation as a common currency alongside the pataca.

Mali

See Explanatory notes on Benin.

Namibia

The South African rand is likewise legal tender alongside the Namibia dollar (convertible at par).

New Caledonia

CFP was originally the abbreviation for "Colonies Françaises du Pacifique" and is still used as a currency symbol (in connection with the franc).

Niger

See Explanatory notes on Benin.

Nigeria

It is understood that there are different bureau de change rates alongside the official, published exchange rate.

Panama

The US dollar is legal tender alongside the balboa, which is in circulation exclusively in coin form.

Senegal

See Explanatory notes on Benin.

Singapore

Under an agreement between Singapore and Brunei Darussalam, the Brunei dollar (convertible at par) is also accepted as customary tender.

Somalia

We have no exchange rates for the Somali shilling.

Syrian Arab Republic

It is understood that there are significantly different black market rates alongside the official, published exchange rates.

Togo

See Explanatory notes on Benin.

Turkmenistan

It is understood that there is a considerably different, black market rate alongside the official, published exchange rate.

United Arab Emirates

The United Arab Emirates include Abu Dhabi, Ajman, Dubai, Fujairah, Ras al Khaimah, Sharjah and Umm al Qaiwain.

United Kingdom

In Scotland and Northern Ireland, a small volume of banknotes issued by commercial banks in these territories is in circulation alongside notes issued by the Bank of England.

Venezuela, Bolivarian Republic of

It is understood that there is a considerably different, black market rate alongside the official, published exchange rate.

Yemen

In addition to central bank rates, there are also commercial bank rates, which vary widely from region to region.

Zimbabwe

According to the press release of the Reserve Bank of Zimbabwe, Zimbabwe gold (ZiG) was introduced as new legal tender with effect from 8 April 2024. The conversion from old to new currency took place at a rate of ZWL 2,498.7242 = ZiG 1. The Zimbabwe dollar (ZWL) also remained legal tender at this rate until 30 April 2024. The Reserve Bank of Zimbabwe published the following interbank rates (middle rates):

5 April 2024 USD 1 = ZWL 30,674.3204
 EUR 1 = ZWL 33,211.4756

8 April 2024 USD 1 = ZiG 13.5616
 EUR 1 = ZiG 14.6927.

The ISO has not yet published a currency code for Zimbabwe gold.

It is understood that there is a significantly different black market rate alongside the published interbank rate. According to press reports, this rate was around 17.00 Zimbabwe gold to the US dollar at the beginning of May 2024.