



# Exchange rate statistics

## November 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

|              |                                                             |
|--------------|-------------------------------------------------------------|
| <b>CU</b>    | Currency unit(s)                                            |
| <b>EC</b>    | European Community                                          |
| <b>ECB</b>   | European Central Bank                                       |
| <b>ECU</b>   | European Currency Unit                                      |
| <b>EER</b>   | Effective exchange rate                                     |
| <b>ERM</b>   | Exchange Rate Mechanism                                     |
| <b>EU</b>    | European Union                                              |
| <b>IMF</b>   | International Monetary Fund                                 |
| <b>ISO</b>   | International Organization for Standardization              |
| <b>SDR</b>   | Special drawing right                                       |
| <b>SITC</b>  | Standard International Trade Classification                 |
| <b>SWIFT</b> | Society for Worldwide Interbank Financial Telecommunication |

|          |                  |
|----------|------------------|
| <b>B</b> | Buying rate      |
| <b>M</b> | Middle rate      |
| <b>S</b> | Selling rate     |
| <b>V</b> | Calculated value |

|          |                                                     |
|----------|-----------------------------------------------------|
| <b>e</b> | Estimated                                           |
| <b>p</b> | Provisional                                         |
| <b>r</b> | Revised                                             |
| <b>.</b> | Data unknown, not to be published or not meaningful |
| <b>–</b> | 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<br>Currency<br>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 | <sup>1</sup> 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 | —                    | —                    | —            | —          | —                    | —                     | —                     | <sup>2</sup> 1.95583  |
| BGN                                      | Lower rate   | —                    | —                    | —            | —          | —                    | —                     | —                     | 1.66246               |
| Greece                                   | Upper rate   | 406.075              | 391.863              | —            | —          | —                    | —                     | —                     | —                     |
| Greek drachma                            | Central rate | <sup>1</sup> 353.109 | <sup>3</sup> 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               | <sup>4</sup> 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               | <sup>5</sup> 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    | <sup>6</sup> 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             | <sup>7</sup> 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              | <sup>8</sup> 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             | <sup>7</sup> 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               | <sup>9</sup> 30.1260  | —                     |
| SKK                                      | Lower rate   | —                    | —                    | —            | —          | 32.6868              | 30.1260               | 25.6071               | —                     |
| Croatia                                  | Upper rate   | —                    | —                    | —            | —          | —                    | —                     | —                     | 8.66468               |
| Croatian kuna                            | Central rate | —                    | —                    | —            | —          | —                    | —                     | —                     | <sup>10</sup> 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. <sup>1</sup> According to the EU communiqué of 31 December 1998. <sup>2</sup> According to the EU communiqué of 10 July 2020. <sup>3</sup> Until 31 December 2000; accession to the euro area on 1 January 2001. <sup>4</sup> Until 31 December 2010; accession to

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

| EU member countries |                      |                     |                     |                         |                     |                     |                      |  |
|---------------------|----------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|----------------------|--|
| Period              | Bulgaria             | Czechia             | Denmark             | Hungary                 | Poland              | Romania             | Sweden               |  |
|                     | Bulgarian lev<br>BGN | Czech koruna<br>CZK | Danish krone<br>DKK | Hungarian forint<br>HUF | Polish zloty<br>PLN | Romanian leu<br>RON | Swedish krona<br>SEK |  |
| 2023 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              |  |
| May                 | 1.9558               | 24.709              | 7.4588              | 388.83                  | 4.2645              | 4.9767              | 11.4210              |  |
| June                | 1.9558               | 25.025              | 7.4575              | 395.10                  | 4.3090              | 4.9773              | 11.3595              |  |
| July                | 1.9558               | 25.457              | 7.4621              | 395.78                  | 4.2908              | 4.9749              | 11.6125              |  |
| Aug.                | 1.9558               | 25.031              | 7.4589              | 392.53                  | 4.2763              | 4.9768              | 11.3355              |  |
| Sep.                | 1.9558               | 25.184              | 7.4560              | 396.88                  | 4.2788              | 4.9753              | 11.3000              |  |
| Oct.                | 1.9558               | 25.327              | 7.4601              | 408.28                  | 4.3508              | 4.9749              | 11.6308              |  |
| 2024 Oct. 21        | 1.9558               | 25.268              | 7.4587              | 401.60                  | 4.3175              | 4.9728              | 11.4275              |  |
| 22                  | 1.9558               | 25.252              | 7.4576              | 400.03                  | 4.3170              | 4.9737              | 11.4005              |  |
| 23                  | 1.9558               | 25.235              | 7.4583              | 401.83                  | 4.3433              | 4.9737              | 11.4120              |  |
| 24                  | 1.9558               | 25.230              | 7.4598              | 402.93                  | 4.3435              | 4.9728              | 11.4190              |  |
| 25                  | 1.9558               | 25.250              | 7.4609              | 404.68                  | 4.3478              | 4.9733              | 11.4475              |  |
| 28                  | 1.9558               | 25.348              | 7.4585              | 404.83                  | 4.3500              | 4.9738              | 11.4710              |  |
| 29                  | 1.9558               | 25.372              | 7.4588              | 405.23                  | 4.3480              | 4.9749              | 11.5170              |  |
| 30                  | 1.9558               | 25.377              | 7.4606              | 408.38                  | 4.3463              | 4.9747              | 11.5660              |  |
| 31                  | 1.9558               | 25.327              | 7.4601              | 408.28                  | 4.3508              | 4.9749              | 11.6308              |  |
| Nov. 1              | 1.9558               | 25.330              | 7.4562              | 407.75                  | 4.3543              | 4.9745              | 11.6115              |  |
| 4                   | 1.9558               | 25.288              | 7.4578              | 407.83                  | 4.3423              | 4.9750              | 11.6445              |  |
| 5                   | 1.9558               | 25.343              | 7.4586              | 409.25                  | 4.3580              | 4.9756              | 11.6665              |  |
| 6                   | 1.9558               | 25.339              | 7.4570              | 410.08                  | 4.3493              | 4.9755              | 11.6515              |  |
| 7                   | 1.9558               | 25.262              | 7.4574              | 404.58                  | 4.3253              | 4.9759              | 11.5990              |  |
| 8                   | 1.9558               | 25.208              | 7.4573              | 406.68                  | 4.3255              | 4.9748              | 11.5900              |  |
| 11                  | 1.9558               | 25.339              | 7.4574              | 409.63                  | 4.3440              | 4.9749              | 11.5920              |  |
| 12                  | 1.9558               | 25.390              | 7.4591              | 410.70                  | 4.3503              | 4.9763              | 11.5420              |  |
| 13                  | 1.9558               | 25.295              | 7.4598              | 408.70                  | 4.3425              | 4.9764              | 11.5895              |  |
| 14                  | 1.9558               | 25.305              | 7.4593              | 407.05                  | 4.3383              | 4.9764              | 11.6030              |  |

| Other European and non-European countries |                          |                       |                        |                        |                         |                        |                     |  |
|-------------------------------------------|--------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|---------------------|--|
|                                           | Australia                | Brazil                | Canada                 | China                  | Hong Kong               | Iceland                | India               |  |
|                                           | Australian dollar<br>AUD | Brazilian real<br>BRL | Canadian dollar<br>CAD | Yuan (renminbi)<br>CNY | Hong Kong dollar<br>HKD | Icelandic krona<br>ISK | Indian rupee<br>INR |  |
| 2023 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             |  |
| May                                       | 1.6315                   | 5.6418                | 1.4804                 | 7.8577                 | 8.4838                  | 149.10                 | 90.5255             |  |
| June                                      | 1.6079                   | 5.8915                | 1.4670                 | 7.7748                 | 8.3594                  | 148.90                 | 89.2495             |  |
| July                                      | 1.6635                   | 6.0874                | 1.4977                 | 7.8194                 | 8.4589                  | 149.90                 | 90.6250             |  |
| Aug.                                      | 1.6301                   | 6.2155                | 1.4941                 | 7.8585                 | 8.6455                  | 152.90                 | 92.9485             |  |
| Sep.                                      | 1.6166                   | 6.0504                | 1.5133                 | 7.8511                 | 8.6933                  | 150.70                 | 93.8130             |  |
| Oct.                                      | 1.6559                   | 6.2635                | 1.5134                 | 7.7436                 | 8.4598                  | 148.90                 | 91.4930             |  |
| 2024 Oct. 21                              | 1.6230                   | 6.1953                | 1.4998                 | 7.7198                 | 8.4351                  | 149.30                 | 91.2440             |  |
| 22                                        | 1.6177                   | 6.1636                | 1.4964                 | 7.7052                 | 8.4110                  | 149.30                 | 90.9710             |  |
| 23                                        | 1.6233                   | 6.1583                | 1.4900                 | 7.6759                 | 8.3656                  | 149.30                 | 90.5370             |  |
| 24                                        | 1.6234                   | 6.1487                | 1.4922                 | 7.6848                 | 8.3926                  | 148.70                 | 90.7960             |  |
| 25                                        | 1.6311                   | 6.1420                | 1.4989                 | 7.7123                 | 8.4110                  | 149.10                 | 91.0270             |  |
| 28                                        | 1.6372                   | 6.1550                | 1.5030                 | 7.7099                 | 8.4072                  | 149.10                 | 90.9580             |  |
| 29                                        | 1.6423                   | 6.1613                | 1.4981                 | 7.6895                 | 8.3716                  | 148.70                 | 90.5700             |  |
| 30                                        | 1.6460                   | 6.2564                | 1.5072                 | 7.7054                 | 8.4050                  | 148.50                 | 90.9430             |  |
| 31                                        | 1.6559                   | 6.2635                | 1.5134                 | 7.7436                 | 8.4598                  | 148.90                 | 91.4930             |  |
| Nov. 1                                    | 1.6530                   | 6.2813                | 1.5144                 | 7.7403                 | 8.4660                  | 149.10                 | 91.4955             |  |
| 4                                         | 1.6516                   | 6.3344                | 1.5155                 | 7.7363                 | 8.4761                  | 148.90                 | 91.7180             |  |
| 5                                         | 1.6452                   | 6.3039                | 1.5128                 | 7.7405                 | 8.4687                  | 148.90                 | 91.6565             |  |
| 6                                         | 1.6301                   | 6.2127                | 1.4893                 | 7.6779                 | 8.3167                  | 148.30                 | 90.1810             |  |
| 7                                         | 1.6196                   | 6.0988                | 1.4960                 | 7.7159                 | 8.3818                  | 148.30                 | 90.9355             |  |
| 8                                         | 1.6259                   | 6.2034                | 1.4983                 | 7.7233                 | 8.3745                  | 148.70                 | 90.8900             |  |
| 11                                        | 1.6186                   | 6.1877                | 1.4848                 | 7.6719                 | 8.2812                  | 148.30                 | 89.8935             |  |
| 12                                        | 1.6206                   | 6.1131                | 1.4799                 | 7.6781                 | 8.2586                  | 147.90                 | 89.5888             |  |
| 13                                        | 1.6299                   | 6.1031                | 1.4840                 | 7.6626                 | 8.2682                  | 147.90                 | 89.6915             |  |
| 14                                        | 1.6285                   | 6.1122                | 1.4759                 | 7.6267                 | 8.1975                  | 146.30                 | 88.9645             |  |

\* 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) |                          |                   |                     |                         |                          |                     |                           |                        |
|----------------------------------------------------|--------------------------|-------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|
| Period                                             | Indonesia                | Israel            | Japan               | Korea, Republic of      | Malaysia                 | Mexico              | New Zealand               | Norway                 |
|                                                    | Indonesian rupiah<br>IDR | New shekel<br>ILS | Japanese yen<br>JPY | South Korean won<br>KRW | Malaysian ringgit<br>MYR | Mexican peso<br>MXN | New Zealand dollar<br>NZD | Norwegian krone<br>NOK |
| 2023 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                |
| May                                                | 17,641.72                | 4.0342            | 170.52              | 1,501.11                | 5.1080                   | 18.4387             | 1.7696                    | 11.3830                |
| June                                               | 17,487.21                | 4.0200            | 171.94              | 1,474.86                | 5.0501                   | 19.5654             | 1.7601                    | 11.3965                |
| July                                               | 17,634.43                | 4.0822            | 162.76              | 1,485.96                | 4.9749                   | 20.3317             | 1.8289                    | 11.8175                |
| Aug.                                               | 17,180.03                | 4.0245            | 161.19              | 1,478.60                | 4.7901                   | 21.7581             | 1.7709                    | 11.6620                |
| Sep.                                               | 16,975.88                | 4.1491            | 159.82              | 1,469.11                | 4.6167                   | 21.9842             | 1.7616                    | 11.7645                |
| Oct.                                               | 17,105.85                | 4.0441            | 166.30              | 1,500.05                | 4.7652                   | 21.8087             | 1.8220                    | 11.9385                |
| 2024 Oct. 21                                       | 16,816.56                | 4.0948            | 162.79              | 1,495.73                | 4.6744                   | 21.6539             | 1.7920                    | 11.8380                |
| 22                                                 | 16,843.32                | 4.0871            | 163.22              | 1,491.66                | 4.6833                   | 21.5202             | 1.7870                    | 11.8230                |
| 23                                                 | 16,872.70                | 4.0845            | 164.66              | 1,491.54                | 4.6836                   | 21.6115             | 1.7918                    | 11.8525                |
| 24                                                 | 16,827.69                | 4.0804            | 164.12              | 1,489.82                | 4.6963                   | 21.3667             | 1.7914                    | 11.8155                |
| 25                                                 | 16,978.90                | 4.1062            | 164.45              | 1,504.09                | 4.7024                   | 21.4408             | 1.8025                    | 11.8195                |
| 28                                                 | 17,016.01                | 4.0327            | 165.18              | 1,496.45                | 4.7177                   | 21.6223             | 1.8059                    | 11.9120                |
| 29                                                 | 16,993.40                | 4.0298            | 165.66              | 1,496.40                | 4.7172                   | 21.5719             | 1.8076                    | 11.8415                |
| 30                                                 | 16,966.73                | 4.0214            | 165.91              | 1,493.02                | 4.7359                   | 21.8174             | 1.8099                    | 11.8785                |
| 31                                                 | 17,105.85                | 4.0441            | 166.30              | 1,500.05                | 4.7652                   | 21.8087             | 1.8220                    | 11.9385                |
| Nov. 1                                             | 17,132.28                | 4.0681            | 165.54              | 1,498.21                | 4.7660                   | 21.7247             | 1.8164                    | 11.9600                |
| 4                                                  | 17,190.86                | 4.0879            | 165.47              | 1,497.97                | 4.7678                   | 21.9187             | 1.8196                    | 11.9465                |
| 5                                                  | 17,180.21                | 4.0828            | 165.93              | 1,503.71                | 4.7353                   | 21.9579             | 1.8169                    | 11.9600                |
| 6                                                  | 16,976.60                | 4.0115            | 165.05              | 1,500.90                | 4.7095                   | 22.0755             | 1.7997                    | 11.9090                |
| 7                                                  | 16,889.15                | 4.0094            | 165.71              | 1,495.78                | 4.7492                   | 21.3897             | 1.7932                    | 11.7485                |
| 8                                                  | 16,801.68                | 4.0240            | 164.18              | 1,495.41                | 4.7208                   | 21.5349             | 1.7970                    | 11.7735                |
| 11                                                 | 16,750.08                | 3.9832            | 163.82              | 1,489.97                | 4.6971                   | 21.8559             | 1.7857                    | 11.7865                |
| 12                                                 | 16,770.14                | 3.9820            | 163.71              | 1,492.15                | 4.7139                   | 21.6428             | 1.7848                    | 11.7385                |
| 13                                                 | 16,716.39                | 3.9774            | 164.71              | 1,487.40                | 4.7278                   | 21.7942             | 1.7941                    | 11.7645                |
| 14                                                 | 16,803.82                | 3.9374            | 164.24              | 1,478.78                | 4.7193                   | 21.7209             | 1.7958                    | 11.7590                |

| Other European and non-European countries (cont'd) |                        |                         |                           |                    |                  |                     |                       |                  |
|----------------------------------------------------|------------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|------------------|
| Period                                             | Philippines            | Singapore               | South Africa              | Switzerland        | Thailand         | Turkey              | United Kingdom        | United States    |
|                                                    | Philippine peso<br>PHP | Singapore dollar<br>SGD | South African rand<br>ZAR | Swiss franc<br>CHF | Thai baht<br>THB | Turkish lira<br>TRY | Pound sterling<br>GBP | US dollar<br>USD |
| 2023 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           |
| May                                                | 63.604                 | 1.4663                  | 20.2927                   | 0.9818             | 39.925           | 34.9691             | 0.85365               | 1.0852           |
| June                                               | 62.560                 | 1.4513                  | 19.4970                   | 0.9634             | 39.319           | 35.1868             | 0.84638               | 1.0705           |
| July                                               | 63.218                 | 1.4491                  | 19.7400                   | 0.9533             | 38.629           | 35.9085             | 0.84380               | 1.0828           |
| Aug.                                               | 62.309                 | 1.4441                  | 19.5358                   | 0.9416             | 37.541           | 37.7651             | 0.84120               | 1.1087           |
| Sep.                                               | 62.740                 | 1.4342                  | 19.2258                   | 0.9439             | 36.107           | 38.2693             | 0.83543               | 1.1196           |
| Oct.                                               | 63.364                 | 1.4377                  | 19.1869                   | 0.9412             | 36.754           | 37.2680             | 0.83753               | 1.0882           |
| 2024 Oct. 21                                       | 62.527                 | 1.4246                  | 19.1176                   | 0.9380             | 36.309           | 37.1763             | 0.83315               | 1.0853           |
| 22                                                 | 62.580                 | 1.4231                  | 19.0184                   | 0.9365             | 36.229           | 37.0599             | 0.83340               | 1.0821           |
| 23                                                 | 62.513                 | 1.4237                  | 19.0355                   | 0.9340             | 36.355           | 36.9250             | 0.83148               | 1.0767           |
| 24                                                 | 62.521                 | 1.4249                  | 19.0900                   | 0.9349             | 36.329           | 36.9788             | 0.83210               | 1.0801           |
| 25                                                 | 63.118                 | 1.4290                  | 19.0627                   | 0.9382             | 36.540           | 37.1180             | 0.83358               | 1.0825           |
| 28                                                 | 62.969                 | 1.4302                  | 19.1877                   | 0.9367             | 36.538           | 37.1009             | 0.83290               | 1.0818           |
| 29                                                 | 62.857                 | 1.4287                  | 19.1063                   | 0.9369             | 36.400           | 36.9491             | 0.83020               | 1.0774           |
| 30                                                 | 63.010                 | 1.4329                  | 19.1535                   | 0.9393             | 36.522           | 37.0855             | 0.83425               | 1.0815           |
| 31                                                 | 63.364                 | 1.4377                  | 19.1869                   | 0.9412             | 36.754           | 37.2680             | 0.83753               | 1.0882           |
| Nov. 1                                             | 63.525                 | 1.4392                  | 19.1111                   | 0.9427             | 36.873           | 37.3758             | 0.83998               | 1.0885           |
| 4                                                  | 63.762                 | 1.4356                  | 19.1248                   | 0.9410             | 36.736           | 37.4528             | 0.84063               | 1.0904           |
| 5                                                  | 63.553                 | 1.4351                  | 19.0277                   | 0.9402             | 36.652           | 37.4292             | 0.83920               | 1.0897           |
| 6                                                  | 62.949                 | 1.4281                  | 18.9842                   | 0.9368             | 36.705           | 36.6357             | 0.83223               | 1.0695           |
| 7                                                  | 63.100                 | 1.4258                  | 18.7328                   | 0.9432             | 36.798           | 36.9319             | 0.83185               | 1.0785           |
| 8                                                  | 62.850                 | 1.4251                  | 18.8777                   | 0.9393             | 36.695           | 37.0104             | 0.83188               | 1.0772           |
| 11                                                 | 62.461                 | 1.4197                  | 19.0171                   | 0.9369             | 36.703           | 36.5670             | 0.82680               | 1.0651           |
| 12                                                 | 62.273                 | 1.4204                  | 19.1584                   | 0.9354             | 36.942           | 36.5039             | 0.82835               | 1.0617           |
| 13                                                 | 62.327                 | 1.4214                  | 19.1406                   | 0.9379             | 36.861           | 36.5216             | 0.83413               | 1.0629           |
| 14                                                 | 61.972                 | 1.4175                  | 19.3136                   | 0.9369             | 36.887           | 36.1969             | 0.83158               | 1.0533           |

\* 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             | Croatia <sup>1</sup> | Czechia             | Denmark             | Hungary                 | Poland              | Romania             | Sweden               |
|                     | Bulgarian lev<br>BGN | Kuna<br>HRK          | Czech koruna<br>CZK | Danish krone<br>DKK | Hungarian forint<br>HUF | Polish zloty<br>PLN | Romanian leu<br>RON | Swedish krona<br>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 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              |
| May                 | 1.9558               | –                    | 24.819              | 7.4606              | 387.18                  | 4.2796              | 4.9754              | 11.6186              |
| June                | 1.9558               | –                    | 24.779              | 7.4592              | 394.76                  | 4.3209              | 4.9767              | 11.2851              |
| July                | 1.9558               | –                    | 25.299              | 7.4606              | 392.84                  | 4.2817              | 4.9730              | 11.5324              |
| Aug.                | 1.9558               | –                    | 25.179              | 7.4614              | 394.70                  | 4.2917              | 4.9766              | 11.4557              |
| Sep.                | 1.9558               | –                    | 25.099              | 7.4600              | 394.86                  | 4.2761              | 4.9744              | 11.3577              |
| Oct.                | 1.9558               | –                    | 25.298              | 7.4593              | 401.90                  | 4.3170              | 4.9750              | 11.4048              |

| Other European and non-European countries |                          |                       |                        |                        |                         |                        |                     |                          |
|-------------------------------------------|--------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|---------------------|--------------------------|
|                                           | Australia                | Brazil                | Canada                 | China                  | Hong Kong               | Iceland                | India               | Indonesia                |
|                                           | Australian dollar<br>AUD | Brazilian real<br>BRL | Canadian dollar<br>CAD | Yuan (renminbi)<br>CNY | Hong Kong dollar<br>HKD | Icelandic krona<br>ISK | Indian rupee<br>INR | Indonesian rupiah<br>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 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                |
| May                                       | 1.6317                   | 5.5529                | 1.4780                 | 7.8206                 | 8.4458                  | 150.00                 | 90.1573             | 17,375.67                |
| June                                      | 1.6206                   | 5.7884                | 1.4750                 | 7.8051                 | 8.4023                  | 149.36                 | 89.8106             | 17,595.94                |
| July                                      | 1.6257                   | 6.0053                | 1.4868                 | 7.8750                 | 8.4684                  | 149.43                 | 90.6557             | 17,623.29                |
| Aug.                                      | 1.6559                   | 6.1193                | 1.5049                 | 7.8736                 | 8.5849                  | 151.84                 | 92.4062             | 17,347.75                |
| Sep.                                      | 1.6398                   | 6.1528                | 1.5037                 | 7.8611                 | 8.6528                  | 152.21                 | 93.0808             | 17,020.23                |
| Oct.                                      | 1.6250                   | 6.1195                | 1.4993                 | 7.7276                 | 8.4726                  | 149.07                 | 91.6266             | 16,988.19                |

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> 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) |                   |                     |                         |                          |                     |                           |                        |                        |
|----------------------------------------------------|-------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|------------------------|
| Period                                             | Israel            | Japan               | Korea, Republic of      | Malaysia                 | Mexico              | New Zealand               | Norway                 | Philippines            |
|                                                    | New shekel<br>ILS | Japanese yen<br>JPY | South Korean won<br>KRW | Malaysian ringgit<br>MYR | Mexican peso<br>MXN | New Zealand dollar<br>NZD | Norwegian krone<br>NOK | Philippine peso<br>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 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                 |
| May                                                | 4.0062            | 168.54              | 1,474.96                | 5.0971                   | 18.1549             | 1.7819                    | 11.5988                | 62.523                 |
| June                                               | 4.0074            | 169.81              | 1,485.38                | 5.0680                   | 19.6134             | 1.7539                    | 11.4178                | 63.177                 |
| July                                               | 3.9902            | 171.17              | 1,499.62                | 5.0737                   | 19.6397             | 1.7985                    | 11.7160                | 63.416                 |
| Aug.                                               | 4.1079            | 161.06              | 1,488.61                | 4.8605                   | 21.0823             | 1.8112                    | 11.7895                | 62.710                 |
| Sep.                                               | 4.1452            | 159.08              | 1,478.72                | 4.7341                   | 21.7625             | 1.7845                    | 11.7852                | 62.256                 |
| Oct.                                               | 4.1020            | 163.20              | 1,484.59                | 4.6883                   | 21.4603             | 1.7917                    | 11.7907                | 62.655                 |

| Other European and non-European countries (cont'd) |                         |                           |                    |                  |                     |                       |
|----------------------------------------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|
|                                                    | Singapore               | South Africa              | Switzerland        | Thailand         | Turkey              | United Kingdom        |
|                                                    | Singapore dollar<br>SGD | South African rand<br>ZAR | Swiss franc<br>CHF | Thai baht<br>THB | Turkish lira<br>TRY | Pound sterling<br>GBP |
| 2022                                               | 1.4512                  | 17.2086                   | 1.0047             | 36.856           | 17.4088             | 0.85276               |
| 2023                                               | 1.4523                  | 19.9551                   | 0.9718             | 37.631           | 25.7597             | 0.86979               |
| 2022 Sep.                                          | 1.3999                  | 17.3828                   | 0.9640             | 36.670           | 18.1465             | 0.87463               |
| Oct.                                               | 1.4003                  | 17.8214                   | 0.9791             | 37.286           | 18.2655             | 0.87058               |
| Nov.                                               | 1.4144                  | 17.8328                   | 0.9842             | 37.087           | 19.9877             | 0.86892               |
| Dec.                                               | 1.4313                  | 18.3036                   | 0.9865             | 36.817           | 19.7613             | 0.86950               |
| 2023 Jan.                                          | 1.4283                  | 18.4320                   | 0.9961             | 35.840           | 20.2312             | 0.88212               |
| Feb.                                               | 1.4262                  | 19.1765                   | 0.9905             | 36.486           | 20.1981             | 0.88550               |
| Mar.                                               | 1.4354                  | 19.5602                   | 0.9908             | 36.912           | 20.3491             | 0.88192               |
| Apr.                                               | 1.4609                  | 19.9205                   | 0.9846             | 37.549           | 21.2267             | 0.88115               |
| May                                                | 1.4555                  | 20.6864                   | 0.9751             | 37.166           | 21.4918             | 0.87041               |
| June                                               | 1.4596                  | 20.3033                   | 0.9764             | 37.852           | 25.7697             | 0.85861               |
| July                                               | 1.4753                  | 20.1074                   | 0.9663             | 38.243           | 29.3212             | 0.85856               |
| Aug.                                               | 1.4735                  | 20.4723                   | 0.9588             | 38.195           | 29.3788             | 0.85892               |
| Sep.                                               | 1.4562                  | 20.2780                   | 0.9600             | 38.301           | 28.8643             | 0.86158               |
| Oct.                                               | 1.4462                  | 20.1390                   | 0.9547             | 38.549           | 29.4506             | 0.86798               |
| Nov.                                               | 1.4575                  | 20.0397                   | 0.9634             | 38.327           | 30.9786             | 0.87045               |
| Dec.                                               | 1.4533                  | 20.3373                   | 0.9441             | 38.176           | 31.7243             | 0.86168               |
| 2024 Jan.                                          | 1.4569                  | 20.5161                   | 0.9368             | 38.401           | 32.8165             | 0.85873               |
| Feb.                                               | 1.4513                  | 20.5082                   | 0.9462             | 38.709           | 33.2644             | 0.85466               |
| Mar.                                               | 1.4573                  | 20.4955                   | 0.9656             | 39.079           | 34.8229             | 0.85524               |
| Apr.                                               | 1.4554                  | 20.2378                   | 0.9761             | 39.454           | 34.6926             | 0.85658               |
| May                                                | 1.4606                  | 19.9079                   | 0.9830             | 39.607           | 34.8605             | 0.85564               |
| June                                               | 1.4547                  | 19.8144                   | 0.9616             | 39.492           | 35.0667             | 0.84643               |
| July                                               | 1.4602                  | 19.7950                   | 0.9676             | 39.324           | 35.6969             | 0.84332               |
| Aug.                                               | 1.4488                  | 19.8651                   | 0.9450             | 38.263           | 37.1098             | 0.85150               |
| Sep.                                               | 1.4396                  | 19.5634                   | 0.9414             | 37.012           | 37.8238             | 0.84021               |
| Oct.                                               | 1.4283                  | 19.1609                   | 0.9386             | 36.411           | 37.3473             | 0.83496               |

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

## 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 <sup>1</sup> | Czechia             | Denmark             | Estonia <sup>1</sup>     | Hungary                    | Latvia <sup>1</sup> | Lithuania <sup>1</sup>     | Poland              |        |
| Bulgarian lev<br>BGN     | Kuna<br>HRK          | Czech koruna<br>CZK | Danish krone<br>DKK | Estonian<br>kroon<br>EEK | Hungarian<br>forint<br>HUF | Latvian lats<br>LVL | Lithuanian<br>litas<br>LTL | Polish zloty<br>PLN |        |
| <b>End of year</b>       |                      |                     |                     |                          |                            |                     |                            |                     |        |
| 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 |
| <b>Annual averages +</b> |                      |                     |                     |                          |                            |                     |                            |                     |        |
| 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                                |        |
| Romanian<br>leu<br>RON       | Swedish krona<br>SEK | Australian<br>dollar<br>AUD               | Brazilian real<br>BRL | Canadian<br>dollar<br>CAD | Yuan (renminbi)<br>CNY | Hong Kong<br>dollar<br>HKD | Icelandic<br>krona<br>ISK <sup>2</sup> |        |
| <b>End of year</b>           |                      |                                           |                       |                           |                        |                            |                                        |        |
| 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 |
| <b>Annual averages +</b>     |                      |                                           |                       |                           |                        |                            |                                        |        |
| 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. <sup>1</sup> Accession to the euro

area, see p. 7 (Table I. 1.). <sup>2</sup> 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) |                          |                                |                     |                         |                          |                     |                           |                        |         |
|----------------------------------------------------|--------------------------|--------------------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|---------|
| India                                              | Indonesia                | Israel                         | Japan               | Korea, Republic of      | Malaysia                 | Mexico              | New Zealand               | Norway                 |         |
| Indian rupee<br>INR                                | Indonesian rupiah<br>IDR | New shekel<br>ILS <sup>1</sup> | Japanese yen<br>JPY | South Korean won<br>KRW | Malaysian ringgit<br>MYR | Mexican peso<br>MXN | New Zealand dollar<br>NZD | Norwegian krone<br>NOK |         |
| <b>End of year</b>                                 |                          |                                |                     |                         |                          |                     |                           |                        |         |
| 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 |
| <b>Annual averages +</b>                           |                          |                                |                     |                         |                          |                     |                           |                        |         |
| 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) |                                    |                         |                           |                    |                  |                     |                       |                  |        |
|----------------------------------------------------|------------------------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|------------------|--------|
| Philippines                                        | Russian Federation                 | Singapore               | South Africa              | Switzerland        | Thailand         | Turkey              | United Kingdom        | United States    |        |
| Philippine peso<br>PHP                             | Russian rouble<br>RUB <sup>2</sup> | Singapore dollar<br>SGD | South African rand<br>ZAR | Swiss franc<br>CHF | Thai baht<br>THB | Turkish lira<br>TRY | Pound sterling<br>GBP | US dollar<br>USD |        |
| <b>End of year</b>                                 |                                    |                         |                           |                    |                  |                     |                       |                  |        |
| 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 |
| <b>Annual averages +</b>                           |                                    |                         |                           |                    |                  |                     |                       |                  |        |
| 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. <sup>1</sup> Up to December 2010,

ECB indicative rates. <sup>2</sup> 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

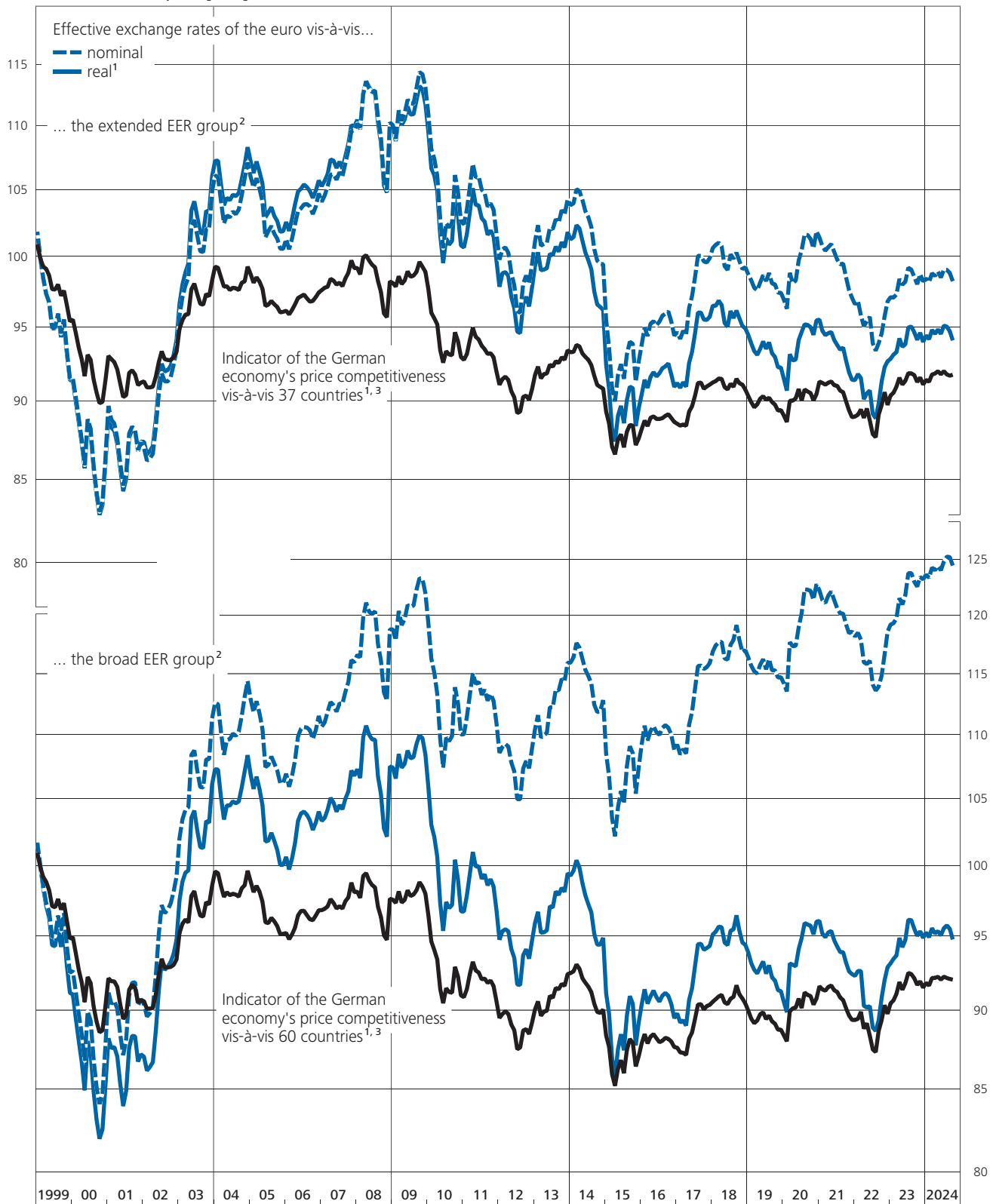


\* See explanatory notes, p. 48. <sup>1</sup> Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

### 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. <sup>1</sup> Based on consumer price indices. <sup>2</sup> Includes the 18 respectively 41 most important trading partners of the euro area economy. <sup>3</sup> 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

| Effective exchange rates of the euro vis-à-vis the currencies of the    |         |                                               |                                                                |                                                                        |         |                                               |
|-------------------------------------------------------------------------|---------|-----------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------|---------|-----------------------------------------------|
| extended EER group of trading partners (fixed composition) <sup>1</sup> |         |                                               |                                                                | broad EER group of trading partners (fixed composition) <sup>2 3</sup> |         |                                               |
| Yearly, quarterly or monthly average                                    | Nominal | In real terms based on consumer price indices | In real terms based on the deflators of gross domestic product | In real terms based on unit labour costs of national economy           | Nominal | In real terms based on consumer price indices |
| 1999                                                                    | 96.2    | 96.1                                          | 95.8                                                           | 96.1                                                                   | 96.5    | 95.9                                          |
| 2000                                                                    | 87.0    | 86.8                                          | 86.0                                                           | 85.6                                                                   | 88.0    | 86.1                                          |
| 2001                                                                    | 87.4    | 87.1                                          | 86.6                                                           | 84.4                                                                   | 90.1    | 86.9                                          |
| 2002                                                                    | 89.7    | 90.3                                          | 89.9                                                           | 88.1                                                                   | 94.4    | 90.6                                          |
| 2003                                                                    | 100.5   | 101.6                                         | 101.2                                                          | 99.3                                                                   | 106.5   | 101.7                                         |
| 2004                                                                    | 104.3   | 105.6                                         | 104.3                                                          | 102.7                                                                  | 111.0   | 105.6                                         |
| 2005                                                                    | 102.9   | 104.3                                         | 102.3                                                          | 100.8                                                                  | 109.1   | 103.2                                         |
| 2006                                                                    | 102.9   | 104.3                                         | 101.8                                                          | 99.8                                                                   | 109.3   | 102.6                                         |
| 2007                                                                    | 106.5   | 107.3                                         | 104.1                                                          | 101.6                                                                  | 112.9   | 104.8                                         |
| 2008                                                                    | 110.4   | 110.3                                         | 106.2                                                          | 105.5                                                                  | 117.8   | 107.3                                         |
| 2009                                                                    | 111.9   | 111.1                                         | 107.6                                                          | 109.0                                                                  | 120.8   | 108.3                                         |
| 2010                                                                    | 104.6   | 103.3                                         | 99.2                                                           | 101.5                                                                  | 112.1   | 99.3                                          |
| 2011                                                                    | 104.4   | 102.4                                         | 97.3                                                           | 99.8                                                                   | 112.9   | 98.8                                          |
| 2012                                                                    | 98.6    | 97.0                                          | 91.6                                                           | 94.1                                                                   | 107.6   | 94.0                                          |
| 2013                                                                    | 102.2   | 100.1                                         | 94.7                                                           | 97.0                                                                   | 112.4   | 97.0                                          |
| 2014                                                                    | 102.4   | 99.5                                          | 94.7                                                           | 97.3                                                                   | 114.7   | 97.4                                          |
| 2015                                                                    | 92.5    | 89.7                                          | 85.9                                                           | 86.5                                                                   | 106.1   | 88.7                                          |
| 2016                                                                    | 95.2    | 91.6                                          | 88.2                                                           | p                                                                      | 110.1   | 90.7                                          |
| 2017                                                                    | 97.5    | 93.6                                          | 89.4                                                           | p                                                                      | 112.5   | 92.0                                          |
| 2018                                                                    | 100.0   | 95.8                                          | 91.0                                                           | p                                                                      | 117.3   | 95.2                                          |
| 2019                                                                    | 98.1    | 93.3                                          | 89.2                                                           | p                                                                      | 115.5   | 92.5                                          |
| 2020                                                                    | 99.7    | 93.7                                          | 90.6                                                           | p                                                                      | 119.2   | 93.9                                          |
| 2021                                                                    | 99.6    | 93.7                                          | 89.3                                                           | p                                                                      | 120.5   | 94.3                                          |
| 2022                                                                    | 95.3    | 90.8                                          | 84.8                                                           | p                                                                      | 116.1   | p                                             |
| 2023                                                                    | 98.1    | 94.0                                          | 89.3                                                           | p                                                                      | 121.8   | p                                             |
| 2022 Nov.                                                               | 95.7    | 92.3                                          | 85.7                                                           | p                                                                      | 116.6   | p                                             |
| Dec.                                                                    | 96.8    | 92.6                                          |                                                                |                                                                        | 118.6   | p                                             |
| 2023 Jan.                                                               | 97.1    | 92.8                                          |                                                                |                                                                        | 119.2   | p                                             |
| Feb.                                                                    | 97.0    | 93.1                                          | 87.7                                                           | p                                                                      | 119.3   | p                                             |
| Mar.                                                                    | 97.3    | 93.3                                          |                                                                |                                                                        | 119.7   | p                                             |
| Apr.                                                                    | 98.4    | 94.2                                          |                                                                |                                                                        | 121.5   | p                                             |
| May                                                                     | 98.0    | 93.6                                          | 89.1                                                           | p                                                                      | 120.9   | p                                             |
| June                                                                    | 98.2    | 93.8                                          |                                                                |                                                                        | 121.8   | p                                             |
| July                                                                    | 99.2    | 94.9                                          |                                                                |                                                                        | 123.7   | p                                             |
| Aug.                                                                    | 99.0    | 95.0                                          | 90.2                                                           | p                                                                      | 123.7   | p                                             |
| Sep.                                                                    | 98.5    | 94.6                                          |                                                                |                                                                        | 123.0   | p                                             |
| Oct.                                                                    | 98.0    | 94.1                                          |                                                                |                                                                        | 122.5   | p                                             |
| Nov.                                                                    | 98.7    | 94.6                                          | 90.1                                                           | p                                                                      | 123.4   | p                                             |
| Dec.                                                                    | 98.2    | 94.0                                          |                                                                |                                                                        | 123.2   | p                                             |
| 2024 Jan.                                                               | 98.4    | 94.4                                          |                                                                |                                                                        | 123.6   | p                                             |
| Feb.                                                                    | 98.1    | 94.1                                          | 90.0                                                           | p                                                                      | 123.3   | p                                             |
| Mar.                                                                    | 98.8    | 94.8                                          |                                                                |                                                                        | 124.2   | p                                             |
| Apr.                                                                    | 98.6    | p                                             |                                                                |                                                                        | 124.0   | p                                             |
| May                                                                     | 98.9    | p                                             | 90.1                                                           | p                                                                      | 124.4   | p                                             |
| June                                                                    | 98.5    | p                                             |                                                                |                                                                        | 124.0   | p                                             |
| July                                                                    | 99.0    | p                                             |                                                                |                                                                        | 124.8   | p                                             |
| Aug.                                                                    | 99.0    | p                                             | ...                                                            | ...                                                                    | 125.2   | p                                             |
| Sep.                                                                    | 98.8    | p                                             |                                                                |                                                                        | 125.2   | p                                             |
| Oct.                                                                    | 98.2    | p                                             |                                                                |                                                                        | 124.4   | p                                             |
| 2024 Oct. 15                                                            | 98.2    | —                                             | —                                                              | —                                                                      | 124.4   | —                                             |
| 16                                                                      | 98.2    | —                                             | —                                                              | —                                                                      | 124.4   | —                                             |
| 17                                                                      | 98.1    | —                                             | —                                                              | —                                                                      | 124.3   | —                                             |
| 18                                                                      | 98.0    | —                                             | —                                                              | —                                                                      | 124.0   | —                                             |
| 21                                                                      | 98.1    | —                                             | —                                                              | —                                                                      | 124.2   | —                                             |
| 22                                                                      | 97.9    | —                                             | —                                                              | —                                                                      | 124.0   | —                                             |
| 23                                                                      | 97.8    | —                                             | —                                                              | —                                                                      | 123.8   | —                                             |
| 24                                                                      | 97.9    | —                                             | —                                                              | —                                                                      | 124.0   | —                                             |
| 25                                                                      | 98.1    | —                                             | —                                                              | —                                                                      | 124.3   | —                                             |
| 28                                                                      | 98.2    | —                                             | —                                                              | —                                                                      | 124.3   | —                                             |
| 29                                                                      | 98.0    | —                                             | —                                                              | —                                                                      | 124.1   | —                                             |
| 30                                                                      | 98.3    | —                                             | —                                                              | —                                                                      | 124.4   | —                                             |
| 31                                                                      | 98.6    | —                                             | —                                                              | —                                                                      | 124.9   | —                                             |
| Nov. 1                                                                  | 98.6    | —                                             | —                                                              | —                                                                      | 125.0   | —                                             |
| 4                                                                       | 98.6    | —                                             | —                                                              | —                                                                      | 125.0   | —                                             |
| 5                                                                       | 98.7    | —                                             | —                                                              | —                                                                      | 125.1   | —                                             |
| 6                                                                       | 97.9    | —                                             | —                                                              | —                                                                      | 123.9   | —                                             |
| 7                                                                       | 98.1    | —                                             | —                                                              | —                                                                      | 124.2   | —                                             |
| 8                                                                       | 98.0    | —                                             | —                                                              | —                                                                      | 124.1   | —                                             |
| 11                                                                      | 97.6    | —                                             | —                                                              | —                                                                      | 123.5   | —                                             |
| 12                                                                      | 97.5    | —                                             | —                                                              | —                                                                      | 123.4   | —                                             |
| 13                                                                      | 97.6    | —                                             | —                                                              | —                                                                      | 123.6   | —                                             |
| 14                                                                      | 97.2    | —                                             | —                                                              | —                                                                      | 123.1   | —                                             |

\* 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. <sup>1</sup> Includes the 18 most important trading partners for the euro area economy. <sup>2</sup> Includes the 41 most important trading partners for the euro area economy. <sup>3</sup> 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 <sup>1</sup>   |                     |                         | 37 countries <sup>2</sup> | 27 selected industrial countries <sup>1</sup> |                     |                         | 37 countries <sup>2</sup> | 60 countries <sup>2 3</sup> |
| Total                                           | of which:           |                         |                           | Total                                         | of which:           |                         |                           |                             |
|                                                 | Euro area countries | Non-euro area countries |                           |                                               | Euro area countries | Non-euro area countries |                           |                             |
| 97.9                                            | 99.6                | 95.7                    | 97.6                      | 98.3                                          | 100.1               | 96.1                    | 98.1                      | 97.8                        |
| 92.0                                            | 97.5                | 85.5                    | 91.2                      | 93.1                                          | 99.0                | 86.1                    | 92.3                      | 91.2                        |
| 91.9                                            | 96.8                | 86.2                    | 90.7                      | 93.0                                          | 98.1                | 86.9                    | 91.7                      | 91.1                        |
| 92.7                                            | 96.1                | 88.7                    | 91.4                      | 93.5                                          | 96.9                | 89.4                    | 92.2                      | 91.9                        |
| 96.3                                            | 95.3                | 98.0                    | 95.8                      | 97.0                                          | 95.7                | 99.0                    | 96.7                      | 96.8                        |
| 96.8                                            | 94.2                | 100.6                   | 96.2                      | 98.5                                          | 95.4                | 102.9                   | 98.2                      | 98.4                        |
| 95.3                                            | 92.6                | 99.4                    | 93.9                      | 98.5                                          | 95.2                | 103.2                   | 97.2                      | 96.8                        |
| 94.1                                            | 90.9                | 98.8                    | 92.2                      | 98.6                                          | 94.8                | 104.0                   | 96.8                      | 96.0                        |
| 95.2                                            | 90.2                | 102.9                   | 92.7                      | 100.9                                         | 95.1                | 109.6                   | 98.3                      | 97.4                        |
| 95.6                                            | 88.9                | 106.1                   | 92.0                      | 102.4                                         | 94.5                | 114.6                   | 98.5                      | 97.6                        |
| 96.2                                            | 90.1                | 105.8                   | 93.0                      | 101.9                                         | 94.4                | 113.5                   | 98.6                      | 97.9                        |
| 93.3                                            | 89.4                | 99.2                    | 88.9                      | 98.8                                          | 94.0                | 105.7                   | 94.3                      | 92.5                        |
| 93.0                                            | 89.2                | 98.6                    | 88.2                      | 98.2                                          | 93.7                | 104.8                   | 93.5                      | 91.9                        |
| 90.8                                            | 89.0                | 93.4                    | 85.5                      | 95.9                                          | 93.2                | 99.5                    | 90.5                      | 88.9                        |
| 93.3                                            | 89.6                | 98.6                    | 87.6                      | 98.1                                          | 93.3                | 105.2                   | 92.3                      | 90.9                        |
| 94.0                                            | 90.5                | 99.1                    | 88.4                      | 98.2                                          | 93.6                | 104.8                   | 92.5                      | 91.5                        |
| 90.7                                            | 91.1                | 90.0                    | 84.4                      | 94.3                                          | 94.1                | 94.4                    | 87.8                      | 86.9                        |
| 91.6                                            | 91.5                | 91.6                    | 85.8                      | 95.0                                          | 94.1                | 96.1                    | 88.8                      | 88.1                        |
| 92.8                                            | 91.6                | 94.5                    | 86.5                      | 96.3                                          | 94.2                | 99.2                    | 89.9                      | 88.9                        |
| 94.0                                            | 91.7                | 97.6                    | 87.5                      | 97.7                                          | 94.4                | 102.5                   | 91.1                      | 90.8                        |
| 93.1                                            | 91.8                | 94.7                    | 86.6                      | 96.4                                          | 94.3                | 99.3                    | 89.9                      | 89.4                        |
| 93.3                                            | 92.1                | 94.8                    | 87.3                      | 96.4                                          | 94.2                | 99.5                    | 90.1                      | 90.1                        |
| 94.1                                            | 92.2                | 96.7                    | 87.3                      | 97.4                                          | 94.8                | 101.0                   | 90.6                      | 90.9                        |
| 92.3                                            | 91.7                | 93.1                    | 85.4                      | 95.9                                          | 94.5                | 97.7                    | 89.1                      | 89.0                        |
| 93.8                                            | 92.0                | 96.5                    | 87.5                      | 98.0                                          | 95.3                | 101.9                   | 91.3                      | 91.6                        |
| 93.9                                            | 91.7                | 97.0                    | 87.2                      | 98.1                                          | 95.0                | 102.5                   | 91.3                      | 91.6                        |
|                                                 |                     |                         |                           | 97.9                                          | 95.0                | 102.0                   | 91.0                      | 91.3                        |
| 94.3                                            | 92.4                | 97.0                    | 87.4                      | 97.8                                          | 95.3                | 101.3                   | 91.0                      | 91.2                        |
|                                                 |                     |                         |                           | 97.4                                          | 95.1                | 100.7                   | 90.7                      | 90.8                        |
|                                                 |                     |                         |                           | 97.3                                          | 94.8                | 100.7                   | 90.6                      | 90.7                        |
| 93.6                                            | 92.3                | 95.5                    | 86.5                      | 96.7                                          | 94.6                | 99.6                    | 90.0                      | 90.1                        |
|                                                 |                     |                         |                           | 96.1                                          | 94.3                | 98.6                    | 89.4                      | 89.7                        |
|                                                 |                     |                         |                           | 95.8                                          | 94.1                | 97.9                    | 88.9                      | 89.4                        |
|                                                 |                     |                         |                           | 96.0                                          | 94.2                | 98.4                    | 89.0                      | 89.4                        |
| 93.2                                            | 92.1                | 94.6                    | 86.0                      | 96.2                                          | 94.1                | 98.9                    | 89.1                      | 89.4                        |
|                                                 |                     |                         |                           | 96.3                                          | 94.4                | 98.7                    | 89.5                      | 89.9                        |
|                                                 |                     |                         |                           | 96.1                                          | 94.7                | 97.8                    | 88.9                      | 88.8                        |
| 92.5                                            | 91.7                | 93.5                    | 85.3                      | 96.5                                          | 95.2                | 98.1                    | 89.5                      | 89.1                        |
|                                                 |                     |                         |                           | 95.7                                          | 94.2                | 97.6                    | 88.7                      | 88.4                        |
|                                                 |                     |                         |                           | 94.8                                          | 94.1                | 95.4                    | 87.9                      | 87.5                        |
| 91.3                                            | 91.2                | 91.1                    | 84.5                      | 94.5                                          | 93.9                | 94.9                    | 87.7                      | 87.3                        |
|                                                 |                     |                         |                           | 95.9                                          | 94.9                | 96.9                    | 89.1                      | 88.7                        |
|                                                 |                     |                         |                           | 96.0                                          | 94.6                | 97.6                    | 89.7                      | 89.4                        |
| 92.4                                            | 91.7                | 93.2                    | 86.0                      | 97.0                                          | 95.3                | 99.2                    | 90.6                      | 90.3                        |
|                                                 |                     |                         |                           | 96.2                                          | 94.1                | 99.1                    | 89.7                      | 89.8                        |
|                                                 |                     |                         |                           | 97.5                                          | 94.9                | 101.0                   | 90.4                      | 90.5                        |
| 93.2                                            | 91.5                | 95.6                    | 86.4                      | 97.7                                          | 95.1                | 101.3                   | 90.5                      | 90.6                        |
|                                                 |                     |                         |                           | 98.0                                          | 95.4                | 101.7                   | 90.9                      | 91.1                        |
|                                                 |                     |                         |                           | 98.5                                          | 95.6                | 102.8                   | 91.5                      | 91.9                        |
| 93.8                                            | 91.9                | 96.6                    | 87.3                      | 98.1                                          | 95.3                | 101.9                   | 91.1                      | 91.3                        |
|                                                 |                     |                         |                           | 98.2                                          | 95.4                | 102.1                   | 91.3                      | 91.8                        |
|                                                 |                     |                         |                           | 98.4                                          | 95.3                | 102.8                   | 91.8                      | 92.5                        |
| 93.8                                            | 91.9                | 96.7                    | 87.9                      | 98.3                                          | 95.2                | 102.6                   | 91.8                      | 92.4                        |
|                                                 |                     |                         |                           | 98.0                                          | 95.3                | 101.9                   | 91.7                      | 92.1                        |
|                                                 |                     |                         |                           | 97.7                                          | 95.1                | 101.3                   | 91.3                      | 91.7                        |
| 94.4                                            | 92.5                | 97.1                    | 88.2                      | 98.2                                          | 95.2                | 102.4                   | 91.6                      | 91.9                        |
|                                                 |                     |                         |                           | 97.7                                          | 95.0                | 101.4                   | 91.1                      | 91.5                        |
|                                                 |                     |                         |                           | 97.8                                          | 95.1                | 101.6                   | 91.4                      | p 91.8                      |
| 94.1                                            | 92.4                | 96.6                    | 88.1                      | 97.7                                          | 95.0                | 101.4                   | 91.3                      | p 91.6                      |
|                                                 |                     |                         |                           | 98.1                                          | 95.2                | 102.3                   | 91.8                      | p 92.1                      |
|                                                 |                     |                         |                           | 98.3                                          | 95.4                | 102.5                   | p 91.8                    | p 92.1                      |
| 94.4                                            | 92.5                | 97.1                    | 88.3                      | 98.6                                          | 95.4                | 103.2                   | p 92.0                    | p 92.2                      |
|                                                 |                     |                         |                           | 98.1                                          | 95.2                | 102.3                   | p 91.8                    | p 92.0                      |
|                                                 |                     |                         |                           | 98.4                                          | 95.2                | 103.0                   | p 92.0                    | p 92.2                      |
| ...                                             | ...                 | ...                     | ...                       | 98.2                                          | 95.0                | 102.7                   | p 91.8                    | p 92.1                      |
|                                                 |                     |                         |                           | p 98.1                                        | p 95.1              | 102.5                   | p 91.7                    | p 92.1                      |
|                                                 |                     |                         |                           | p 98.2                                        | p 95.4              | p 102.2                 | p 91.7                    | p 92.0                      |

\* 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. <sup>1</sup> Includes euro area countries (moving composition) as well as the 8 most important trading partners for the German

economy. <sup>2</sup> Includes the 37 respectively 60 most important trading partners for the German economy. <sup>3</sup> 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 <sup>1</sup><br>Capital | Currency<br>ISO currency code        | Type of<br>rate | Unit      | Annual average<br>2023 | Rate at end of month |                |                |
|---------------------------------|--------------------------------------|-----------------|-----------|------------------------|----------------------|----------------|----------------|
|                                 |                                      |                 |           |                        | August 2024          | September 2024 | October 2024   |
| Afghanistan                     |                                      |                 |           |                        |                      |                |                |
| Kabul                           | Afghani<br>= 100 puls                | B               | USD 1 =   | AFN 81.1828            | AFN 70.3246          | AFN 68.4646    | AFN 67.0320    |
|                                 |                                      | S               | USD 1 =   | AFN 81.2828            | AFN 70.4246          | AFN 68.5646    | AFN 67.1320    |
|                                 | AFN                                  | B               | EUR 1 =   | AFN 87.5552            | AFN 77.0767          | AFN 75.8405    | AFN 72.7724    |
|                                 |                                      | S               | EUR 1 =   | AFN 87.8152            | AFN 77.3367          | AFN 76.1005    | AFN 73.0324    |
| Albania                         |                                      |                 |           |                        |                      |                |                |
| Tirana                          | Albanian lek<br>= 100 qindarka       | M               | USD 1 =   | ALL 100.32             | ALL 89.92            | ALL 88.25      | ALL 90.45      |
|                                 | ALL                                  | M               | EUR 1 =   | ALL 108.68             | ALL 99.65            | ALL 98.77      | ALL 98.29      |
| Algeria                         |                                      |                 |           |                        |                      |                |                |
| Algiers                         | Algerian dinar<br>= 100 centimes     | B               | USD 1 =   | DZD 135.8504           | DZD 133.6091         | DZD 132.2649   | DZD 133.0862   |
|                                 |                                      | S               | USD 1 =   | DZD 135.8654           | DZD 133.6241         | DZD 132.2799   | DZD 133.1012   |
|                                 | DZD                                  | B               | EUR 1 =   | DZD 146.8145           | DZD 148.0389         | DZD 147.3696   | DZD 144.8377   |
|                                 |                                      | S               | EUR 1 =   | DZD 146.8689           | DZD 148.0822         | DZD 147.4127   | DZD 144.8673   |
| Angola                          |                                      |                 |           |                        |                      |                |                |
| Luanda                          | Kwanza<br>= 100 cêntimos             | M               | USD 1 =   | AOA 698.829            | AOA 912.350          | AOA 940.111    | AOA 909.051    |
|                                 | AOA                                  | M               | EUR 1 =   | AOA 757.524            | AOA 1,009.059        | AOA 1,051.702  | AOA 986.230    |
| Antigua und Barbuda             |                                      |                 |           |                        |                      |                |                |
| St John's                       | East Caribbean dollar<br>= 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 2.9804           | XCD 3.0097     | XCD 2.9253     |
|                                 |                                      | V, S            | EUR 1 =   | XCD 2.9378             | XCD 3.0122           | XCD 3.0418     | XCD 2.9565     |
| Argentina <sup>1</sup>          |                                      |                 |           |                        |                      |                |                |
| Buenos Aires                    | Argentine peso<br>= 100 centavos     | B               | USD 1 =   | ARS 294.6068           | ARS 950.5000         | ARS 967.5000   | ARS 989.0000   |
|                                 |                                      | S               | USD 1 =   | ARS 295.2949           | ARS 953.5000         | ARS 970.5000   | ARS 992.0000   |
|                                 | ARS                                  | B               | EUR 1 =   | ARS 318.5998           | ARS 1,049.5421       | ARS 1,078.0853 | ARS 1,073.3617 |
|                                 |                                      | S               | EUR 1 =   | ARS 320.0821           | ARS 1,055.2385       | ARS 1,083.8544 | ARS 1,079.0976 |
| Armenia                         |                                      |                 |           |                        |                      |                |                |
| Yerevan                         | Armenian dram<br>= 100 luma          | M               | USD 1 =   | AMD 392.40             | AMD 387.53           | AMD 387.29     | AMD 387.62     |
|                                 | AMD                                  | M               | EUR 1 =   | AMD 425.25             | AMD 429.38           | AMD 433.34     | AMD 421.19     |
| Aruba                           |                                      |                 |           |                        |                      |                |                |
| Oranjestad                      | Aruban florin<br>= 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 197.36           | AWG 199.35     | AWG 193.49     |
|                                 |                                      | S               | EUR 100 = | AWG 194.83             | AWG 199.34           | AWG 201.36     | AWG 195.44     |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code                 | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |               |
|---------------------------------|-----------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|---------------|
|                                 |                                               |                 |         |                        | August 2024          | September 2024 | October 2024  |
| Australia                       |                                               |                 |         |                        |                      |                |               |
| Canberra                        | Australian dollar<br>= 100 cents<br><br>AUD   | M               | AUD 1 = | USD 0.6644             | USD 0.6806           | USD 0.6932     | USD 0.6569    |
|                                 |                                               | M               | AUD 1 = | EUR 0.6126             | EUR 0.6144           | EUR 0.6208     | EUR 0.6055    |
| Austria                         |                                               |                 |         |                        |                      |                |               |
| Vienna                          | Euro<br>= 100 cent<br><br>EUR                 | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882    |
|                                 |                                               |                 |         |                        |                      |                |               |
| Azerbaijan                      |                                               |                 |         |                        |                      |                |               |
| Baku                            | Azerbaijan manat<br>= 100 qapik<br><br>AZN    | M               | USD 1 = | AZN 1.7000             | AZN 1.7000           | AZN 1.7000     | AZN 1.7000    |
|                                 |                                               | M               | EUR 1 = | AZN 1.8436             | AZN 1.8826           | AZN 1.8976     | AZN 1.8441    |
| Bahamas                         |                                               |                 |         |                        |                      |                |               |
| Nassau                          | Bahamian dollar<br>= 100 cents<br><br>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 1.10316          | BSD 1.11400    | BSD 1.08276   |
|                                 |                                               | V, S            | EUR 1 = | BSD 1.09482            | BSD 1.12256          | BSD 1.13360    | BSD 1.10180   |
| Bahrain                         |                                               |                 |         |                        |                      |                |               |
| Manama                          | Bahraini dinar<br>= 1,000 fils<br><br>BHD     | 2               | USD 1 = | BHD 0.376081           | BHD 0.376081         | BHD 0.376081   | BHD 0.376081  |
|                                 |                                               | M               | EUR 1 = | BHD 0.4078804          | BHD 0.4184470        | BHD 0.4200830  | BHD 0.4081800 |
| Bangladesh <sup>1</sup>         |                                               |                 |         |                        |                      |                |               |
| Dhaka                           | Taka<br>= 100 poisha<br><br>BDT               | B               | USD 1 = | BDT 106.8750           | BDT 119.0000         | BDT 119.0000   | BDT 119.0000  |
|                                 |                                               | S               | USD 1 = | BDT 108.5308           | BDT 120.0000         | BDT 120.0000   | BDT 120.0000  |
|                                 |                                               | B               | EUR 1 = | BDT 115.4373           | BDT 130.6620         | BDT 131.0190   | BDT 127.3181  |
|                                 |                                               | S               | EUR 1 = | BDT 122.0670           | BDT 136.5720         | BDT 138.1320   | BDT 133.2000  |
| Barbados                        |                                               |                 |         |                        |                      |                |               |
| Bridgetown                      | Barbados dollar<br>= 100 cents<br><br>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 2.20649          | BBD 2.22252    | BBD 2.16428   |
|                                 |                                               | S               | EUR 1 = | BBD 2.19951            | BBD 2.24786          | BBD 2.26419    | BBD 2.20485   |
| Belarus                         |                                               |                 |         |                        |                      |                |               |
| Minsk                           | Belarusian rouble<br>= 100 kopecks<br><br>BYN | M               | USD 1 = | BYN 3.0148             | BYN 3.1834           | BYN 3.2113     | BYN 3.3185    |
|                                 |                                               | M               | EUR 1 = | BYN 3.2659             | BYN 3.5310           | BYN 3.5844     | BYN 3.5975    |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital                 | Currency<br>ISO currency code                 | Type of<br>rate                                      | Unit                                         | Annual average<br>2023                                   | Rate at end of month                                                  |                                                          |                                                          |
|-------------------------------------------------|-----------------------------------------------|------------------------------------------------------|----------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
|                                                 |                                               |                                                      |                                              |                                                          | August 2024                                                           | September 2024                                           | October 2024                                             |
| Belgium                                         |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Brussels                                        | Euro<br>= 100 cent<br><br>EUR                 | M                                                    | EUR 1 =                                      | USD 1.0813                                               | USD 1.1087                                                            | USD 1.1196                                               | USD 1.0882                                               |
| Belize                                          |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Belmopan                                        | Belize dollar<br>= 100 cents<br><br>BZD       | <sup>2</sup> B<br><sup>2</sup> S<br><br>B<br>S       | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BZD 1.9927<br>BZD 2.0175<br><br>BZD 2.1479<br>BZD 2.1859 | <sup>3</sup> BZD 2.0000<br>BZD 2.0175<br><br>BZD 2.1960<br>BZD 2.2348 | BZD 2.0000<br>BZD 2.0175<br><br>BZD 2.2137<br>BZD 2.2527 | BZD 2.0000<br>BZD 2.0175<br><br>BZD 2.1530<br>BZD 2.1910 |
| Benin <sup>1</sup>                              |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Porto-Novo<br>Seat of<br>government:<br>Cotonou | CFA franc<br><br>XOF                          | B<br>S<br><br>4                                      | USD 1 =<br>USD 1 =<br><br>EUR 1 =            | XOF 601.85<br>XOF 608.85<br><br>XOF 655.957              | XOF 588.00<br>XOF 595.00<br><br>XOF 655.957                           | XOF 582.75<br>XOF 589.75<br><br>XOF 655.957              | XOF 600.50<br>XOF 607.50<br><br>XOF 655.957              |
| Bermuda                                         |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Hamilton                                        | Bermudian dollar<br>= 100 cents<br><br>BMD    | <sup>2</sup> B<br><sup>2</sup> S<br><br>V, B<br>V, S | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.0770<br>BMD 1.0859 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1043<br>BMD 1.1135              | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1151<br>BMD 1.1244 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.0838<br>BMD 1.0929 |
| Bhutan <sup>1</sup>                             |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Thimphu                                         | Ngultrum<br>= 100 chhetrum<br><br>BTN         | B<br>S<br><br>B<br>S                                 | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BTN 81.96<br>BTN 83.90<br><br>BTN 88.75<br>BTN 90.50     | BTN 83.65<br>BTN 85.20<br><br>BTN 92.80<br>BTN 94.15                  | BTN 83.49<br>BTN 85.00<br><br>BTN 93.20<br>BTN 94.50     | BTN 83.86<br>BTN 85.45<br><br>BTN 90.92<br>BTN 92.25     |
| Bolivia, Plurinational State of <sup>1</sup>    |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Sucre<br>Seat of<br>government:<br>La Paz       | Boliviano<br>= 100 centavos<br><br>BOB        | B<br>S<br><br>V, B<br>V, S                           | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BOB 6.86<br>BOB 6.96<br><br>BOB 7.4183<br>BOB 7.5265     | BOB 6.86<br>BOB 6.96<br><br>BOB 7.6057<br>BOB 7.7166                  | BOB 6.86<br>BOB 6.96<br><br>BOB 7.6805<br>BOB 7.7924     | BOB 6.86<br>BOB 6.96<br><br>BOB 7.4651<br>BOB 7.5739     |
| Bosnia and Herzegovina                          |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Sarajevo                                        | Convertible marka<br>= 100 feninga<br><br>BAM | B<br>S<br><br>4                                      | USD 1 =<br>USD 1 =<br><br>EUR 1 =            | BAM 1.800222<br>BAM 1.809246<br><br>BAM 1.95583          | BAM 1.759665<br>BAM 1.768485<br><br>BAM 1.95583                       | BAM 1.748468<br>BAM 1.757232<br><br>BAM 1.95583          | BAM 1.803921<br>BAM 1.812963<br><br>BAM 1.95583          |
| Botswana                                        |                                               |                                                      |                                              |                                                          |                                                                       |                                                          |                                                          |
| Gaborone                                        | Pula<br>= 100 thebe<br><br>BWP                | B<br>S<br><br>B<br>S                                 | BWP 1 =<br>BWP 1 =<br><br>BWP 1 =<br>BWP 1 = | USD 0.0748<br>USD 0.0746<br><br>EUR 0.0696<br>EUR 0.0694 | USD 0.0755<br>USD 0.0753<br><br>EUR 0.0682<br>EUR 0.0680              | USD 0.0768<br>USD 0.0766<br><br>EUR 0.0686<br>EUR 0.0685 | USD 0.0745<br>USD 0.0744<br><br>EUR 0.0692<br>EUR 0.0690 |

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

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code       | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month        |                |                |
|---------------------------------|-------------------------------------|-----------------|---------|------------------------|-----------------------------|----------------|----------------|
|                                 |                                     |                 |         |                        | August 2024                 | September 2024 | October 2024   |
| Brazil                          |                                     |                 |         |                        |                             |                |                |
| Brasília                        | Brazilian real<br>= 100 centavos    | B               | USD 1 = | BRL 4.9947             | BRL 5.6556                  | BRL 5.4475     | BRL 5.7773     |
|                                 |                                     | S               | USD 1 = | BRL 4.9953             | BRL 5.6562                  | BRL 5.4481     | BRL 5.7779     |
|                                 | BRL                                 | B               | EUR 1 = | BRL 5.3932             | BRL 6.2545                  | BRL 6.0707     | BRL 6.2713     |
|                                 |                                     | S               | EUR 1 = | BRL 5.3952             | BRL 6.2563                  | BRL 6.0719     | BRL 6.2725     |
| Brunei Darussalam <sup>1</sup>  |                                     |                 |         |                        |                             |                |                |
| Bandar Seri<br>Begawan          | Brunei dollar<br>= 100 cents        | B               | USD 1 = | BND 1.3322             | BND 1.2938                  | BND 1.2713     | BND 1.3139     |
|                                 |                                     | S               | USD 1 = | BND 1.3496             | BND 1.3118                  | BND 1.2893     | BND 1.3319     |
|                                 | BND                                 | B               | EUR 1 = | BND 1.4298             | BND 1.4182                  | BND 1.4048     | BND 1.4104     |
|                                 |                                     | S               | EUR 1 = | BND 1.4837             | BND 1.4722                  | BND 1.4588     | BND 1.4644     |
| Bulgaria                        |                                     |                 |         |                        |                             |                |                |
| Sofia                           | Bulgarian lev<br>= 100 stotinkas    | M               | USD 1 = | BGN 1.80931            | BGN 1.76408                 | BGN 1.74690    | BGN 1.79731    |
|                                 |                                     | 2               | EUR 1 = | BGN 1.95583            | BGN 1.95583                 | BGN 1.95583    | BGN 1.95583    |
|                                 | BGN                                 |                 |         |                        |                             |                |                |
| Burkina Faso <sup>1</sup>       |                                     |                 |         |                        |                             |                |                |
| Ouagadougou                     | CFA franc                           | B               | USD 1 = | XOF 601.85             | XOF 588.00                  | XOF 582.75     | XOF 600.50     |
|                                 |                                     | S               | USD 1 = | XOF 608.85             | XOF 595.00                  | XOF 589.75     | XOF 607.50     |
|                                 | XOF                                 | 2               | EUR 1 = | XOF 655.957            | XOF 655.957                 | XOF 655.957    | XOF 655.957    |
| Burundi                         |                                     |                 |         |                        |                             |                |                |
| Gitega                          | Burundi franc<br>= 100 centimes     | B               | USD 1 = | BIF 2,564.4556         | BIF 2,872.1872 <sup>3</sup> | BIF 2,877.0480 | BIF 2,882.0278 |
|                                 |                                     | S               | USD 1 = | BIF 2,605.8178         | BIF 2,918.5128 <sup>3</sup> | BIF 2,923.4520 | BIF 2,928.5122 |
|                                 | BIF                                 | B               | EUR 1 = | BIF 2,779.4071         | BIF 3,175.9210 <sup>3</sup> | BIF 3,211.7925 | BIF 3,126.8561 |
|                                 |                                     | S               | EUR 1 = | BIF 2,824.2363         | BIF 3,227.1455 <sup>3</sup> | BIF 3,263.5956 | BIF 3,177.2893 |
|                                 |                                     |                 |         |                        |                             |                |                |
|                                 |                                     |                 |         |                        |                             |                |                |
| Cabo Verde                      |                                     |                 |         |                        |                             |                |                |
| Praia                           | Cabo Verde escudo<br>= 100 centavos | B               | USD 1 = | CVE 101.552            | CVE 99.344                  | CVE 98.720     | CVE 101.855    |
|                                 |                                     | S               | USD 1 = | CVE 101.754            | CVE 99.546                  | CVE 98.922     | CVE 102.057    |
|                                 | CVE                                 | 2               | EUR 1 = | CVE 110.265            | CVE 110.265                 | CVE 110.265    | CVE 110.265    |
| Cambodia                        |                                     |                 |         |                        |                             |                |                |
| Phnom Penh                      | Riel<br>= 100 sen                   | M               | USD 1 = | KHR 4,109              | KHR 4,057                   | KHR 4,061      | KHR 4,063      |
|                                 |                                     | B               | EUR 1 = | KHR 4,451              | KHR 4,497                   | KHR 4,525      | KHR 4,395      |
|                                 | KHR                                 | S               | EUR 1 = | KHR 4,495              | KHR 4,542                   | KHR 4,570      | KHR 4,439      |
| Cameroon <sup>1</sup>           |                                     |                 |         |                        |                             |                |                |
| Yaoundé                         | CFA franc                           | B               | USD 1 = | XAF 600.8986           | XAF 588.6981                | XAF 582.9060   | XAF 601.2180   |
|                                 |                                     | S               | USD 1 = | XAF 606.2977           | XAF 590.1229                | XAF 588.8145   | XAF 608.1108   |
|                                 | XAF                                 | 2               | EUR 1 = | XAF 655.957            | XAF 655.957                 | XAF 655.957    | XAF 655.957    |
| Canada                          |                                     |                 |         |                        |                             |                |                |
| Ottawa                          | Canadian dollar<br>= 100 cents      | M               | USD 1 = | CAD 1.3497             | CAD 1.3491                  | CAD 1.3499     | CAD 1.3916     |
|                                 |                                     | M               | EUR 1 = | CAD 1.4599             | CAD 1.4921                  | CAD 1.5076     | CAD 1.5122     |
|                                 | CAD                                 |                 |         |                        |                             |                |                |

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Value against the euro. <sup>3</sup> Exchange rate as of 2 September 2024.

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital                  | Currency<br>ISO currency code                                                           | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|---------------|
|                                                  |                                                                                         |                 |         |                        | August 2024          | September 2024 | October 2024  |
| Cayman Islands                                   |                                                                                         |                 |         |                        |                      |                |               |
| George Town                                      | Cayman Islands dollar<br>= 100 cents<br><br>KYD                                         | 2               | KYD 1 = | USD 1.20               | USD 1.20             | USD 1.20       | USD 1.20      |
|                                                  |                                                                                         | V               | EUR 1 = | KYD 0.9011             | KYD 0.9239           | KYD 0.9330     | KYD 0.9068    |
| Central African Republic <sup>1</sup>            |                                                                                         |                 |         |                        |                      |                |               |
| Bangui                                           | CFA franc<br><br>XAF                                                                    | B               | USD 1 = | XAF 600.8986           | XAF 588.6981         | XAF 582.9060   | XAF 601.2180  |
|                                                  |                                                                                         | S               | USD 1 = | XAF 606.2977           | XAF 590.1229         | XAF 588.8145   | XAF 608.1108  |
|                                                  |                                                                                         | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957    | XAF 655.957   |
| Chad <sup>1</sup>                                |                                                                                         |                 |         |                        |                      |                |               |
| N'Djaména                                        | CFA franc<br><br>XAF                                                                    | B               | USD 1 = | XAF 600.8986           | XAF 588.6981         | XAF 582.9060   | XAF 601.2180  |
|                                                  |                                                                                         | S               | USD 1 = | XAF 606.2977           | XAF 590.1229         | XAF 588.8145   | XAF 608.1108  |
|                                                  |                                                                                         | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957    | XAF 655.957   |
| Chile                                            |                                                                                         |                 |         |                        |                      |                |               |
| Santiago<br>Seat of<br>parliament:<br>Valparaíso | Chilean peso<br>= 100 centavos<br><br>CLP                                               | M               | USD 1 = | CLP 839.07             | CLP 917.38           | CLP 896.25     | CLP 950.89    |
|                                                  |                                                                                         | M               | EUR 1 = | CLP 907.21             | CLP 1,016.37         | CLP 1,000.17   | CLP 1,027.43  |
| China                                            |                                                                                         |                 |         |                        |                      |                |               |
| Beijing                                          | Chinese renminbi <sup>4</sup><br>1 yuan (renminbi)<br>= 10 jiao<br>= 100 fen<br><br>CNY | M               | USD 1 = | CNY 7.0467             | CNY 7.1124           | CNY 7.0074     | CNY 7.1250    |
|                                                  |                                                                                         | M               | EUR 1 = | CNY 7.6689             | CNY 7.8807           | CNY 7.8267     | CNY 7.7368    |
|                                                  |                                                                                         | M               | HKD 1 = | CNY 0.89935            | CNY 0.91222          | CNY 0.90179    | CNY 0.91673   |
| China (Taiwan)                                   |                                                                                         |                 |         |                        |                      |                |               |
| Taipei                                           | New Taiwan dollar<br>= 100 cents<br><br>TWD                                             | B               | USD 1 = | TWD 31.145             | TWD 31.890           | TWD 31.600     | TWD 31.990    |
|                                                  |                                                                                         | S               | USD 1 = | TWD 32.495             | TWD 31.990           | TWD 31.700     | TWD 32.090    |
|                                                  |                                                                                         | B               | EUR 1 = | TWD 33.54              | TWD 35.20            | TWD 35.18      | TWD 34.60     |
|                                                  |                                                                                         | S               | EUR 1 = | TWD 33.94              | TWD 35.60            | TWD 35.58      | TWD 35.00     |
| Colombia                                         |                                                                                         |                 |         |                        |                      |                |               |
| Bogotá                                           | Colombian peso<br>= 100 centavos<br><br>COP                                             | M               | USD 1 = | COP 4,326.74           | COP 4,132.11         | COP 4,164.21   | COP 4,413.46  |
|                                                  |                                                                                         | V               | EUR 1 = | COP 4,677.670          | COP 4,581.270        | COP 4,662.250  | COP 4,802.727 |
| Comoros                                          |                                                                                         |                 |         |                        |                      |                |               |
| Moroni                                           | Comorian franc<br>= 100 centimes<br><br>KMF                                             | V               | USD 1 = | KMF 454.97804          | KMF 443.73388        | KMF 439.41385  | KMF 452.09314 |
|                                                  |                                                                                         | 3               | EUR 1 = | KMF 491.96775          | KMF 491.96775        | KMF 491.96775  | KMF 491.96775 |
| Congo <sup>1</sup>                               |                                                                                         |                 |         |                        |                      |                |               |
| Brazzaville                                      | CFA franc<br><br>XAF                                                                    | B               | USD 1 = | XAF 600.8986           | XAF 588.6981         | XAF 582.9060   | XAF 601.2180  |
|                                                  |                                                                                         | S               | USD 1 = | XAF 606.2977           | XAF 590.1229         | XAF 588.8145   | XAF 608.1108  |
|                                                  |                                                                                         | 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. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Value against

the US dollar. <sup>3</sup> Value against the euro. <sup>4</sup> 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 <sup>1</sup><br>Capital                   | Currency<br>ISO currency code                   | Type of<br>rate | Unit      | Annual average<br>2023       | Rate at end of month         |                              |                              |
|---------------------------------------------------|-------------------------------------------------|-----------------|-----------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                                   |                                                 |                 |           |                              | August 2024                  | September 2024               | October 2024                 |
| Congo, Democratic Republic of the                 |                                                 |                 |           |                              |                              |                              |                              |
| Kinshasa                                          | Congo franc<br>= 100 centimes                   | M               | USD 1 =   | CDF 2,350.1736               | CDF 2,834.1560               | CDF 2,847.4559               | CDF 2,849.8256               |
|                                                   | CDF                                             | M               | EUR 1 =   | CDF 2,545.6034               | CDF 3,154.5146               | CDF 3,179.1709               | CDF 3,083.1151               |
| Cook Islands <sup>1</sup>                         |                                                 |                 |           |                              |                              |                              |                              |
| Avarua                                            | Cook Islands dollar <sup>2</sup><br>= 100 cents | B<br>S          | NZD 1 =   | EUR 0.5770<br>EUR 0.5551     | EUR 0.5769<br>EUR 0.5552     | EUR 0.5813<br>EUR 0.5595     | EUR 0.5593<br>EUR 0.5421     |
|                                                   | NZD                                             |                 |           |                              |                              |                              |                              |
| Costa Rica                                        |                                                 |                 |           |                              |                              |                              |                              |
| San José                                          | Costa Rican colón<br>= 100 céntimos             | B<br>S          | USD 1 =   | CRC 538.34<br>CRC 545.32     | CRC 516.58<br>CRC 521.66     | CRC 516.86<br>CRC 522.87     | CRC 509.26<br>CRC 515.61     |
|                                                   |                                                 | V, B<br>V, S    | EUR 1 =   | CRC 582.8988<br>CRC 590.4537 | CRC 572.7322<br>CRC 578.3644 | CRC 578.6765<br>CRC 585.4053 | CRC 554.1767<br>CRC 561.0868 |
|                                                   | CRC                                             |                 |           |                              |                              |                              |                              |
| Côte d'Ivoire <sup>1</sup>                        |                                                 |                 |           |                              |                              |                              |                              |
| Yamoussoukro<br>Seat of<br>government:<br>Abidjan | CFA franc                                       | B<br>S          | USD 1 =   | XOF 601.85<br>XOF 608.85     | XOF 588.00<br>XOF 595.00     | XOF 582.75<br>XOF 589.75     | XOF 600.50<br>XOF 607.50     |
|                                                   | XOF                                             | 3               | EUR 1 =   | XOF 655.957                  | XOF 655.957                  | XOF 655.957                  | XOF 655.957                  |
|                                                   |                                                 |                 |           |                              |                              |                              |                              |
| Croatia                                           |                                                 |                 |           |                              |                              |                              |                              |
| Zagreb                                            | Euro<br>= 100 cent                              | M               | EUR 1 =   | USD 1.0813                   | USD 1.1087                   | USD 1.1196                   | USD 1.0882                   |
|                                                   | EUR                                             |                 |           |                              |                              |                              |                              |
| Cuba <sup>1</sup>                                 |                                                 |                 |           |                              |                              |                              |                              |
| Havana                                            | Cuban peso<br>= 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 26.5908                  | CUP 26.7516                  | CUP 26.0628                  |
|                                                   |                                                 | 6               | USD 1 =   | CUP 120.00                   | CUP 120.00                   | CUP 120.00                   | CUP 120.00                   |
|                                                   | CUP                                             | 6               | EUR 1 =   | CUP 129.9320                 | CUP 132.9540                 | CUP 133.7580                 | CUP 130.3140                 |
| Curaçao                                           |                                                 |                 |           |                              |                              |                              |                              |
| Willemstad                                        | Netherlands Antillean<br>guilder<br>= 100 cents | 4 B<br>4 S      | USD 1 =   | ANG 1.78<br>ANG 1.82         | ANG 1.78<br>ANG 1.82         | ANG 1.78<br>ANG 1.82         | ANG 1.78<br>ANG 1.82         |
|                                                   |                                                 | B<br>S          | EUR 100 = | ANG 192.90<br>ANG 196.79     | ANG 197.36<br>ANG 201.34     | ANG 199.35<br>ANG 203.37     | ANG 193.49<br>ANG 197.39     |
|                                                   | ANG                                             |                 |           |                              |                              |                              |                              |
| Cyprus                                            |                                                 |                 |           |                              |                              |                              |                              |
| Nicosia                                           | Euro<br>= 100 cent                              | M               | EUR 1 =   | USD 1.0813                   | USD 1.1087                   | USD 1.1196                   | USD 1.0882                   |
|                                                   | EUR                                             |                 |           |                              |                              |                              |                              |
| Czechia                                           |                                                 |                 |           |                              |                              |                              |                              |
| Prague                                            | Czech koruna<br>= 100 heller                    | M               | USD 1 =   | CZK 22.210                   | CZK 22.577                   | CZK 22.495                   | CZK 23.278                   |
|                                                   | CZK                                             | M               | EUR 1 =   | CZK 23.971                   | CZK 25.030                   | CZK 25.180                   | CZK 25.325                   |

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

dollar. <sup>5</sup> Rate for transactions by general government. <sup>6</sup> Rate for non-government transactions.

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code                        | Type of<br>rate | Unit      | Annual average<br>2023 | Rate at end of month |                |              |
|---------------------------------|------------------------------------------------------|-----------------|-----------|------------------------|----------------------|----------------|--------------|
|                                 |                                                      |                 |           |                        | August 2024          | September 2024 | October 2024 |
| Denmark                         |                                                      |                 |           |                        |                      |                |              |
| Copenhagen                      | Danish krone<br>= 100 øre<br><br>DKK                 | M               | USD 100 = | DKK 689.26             | DKK 672.76           | DKK 665.95     | DKK 685.54   |
|                                 |                                                      | M               | EUR 100 = | DKK 745.13             | DKK 745.89           | DKK 745.60     | DKK 746.01   |
| Djibouti                        |                                                      |                 |           |                        |                      |                |              |
| Djibouti                        | Djibouti franc<br>= 100 centimes                     | 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   |
|                                 | DJF                                                  | B               | EUR 1 =   | DJF 189.80             | DJF 195.37           | DJF 195.86     | DJF 190.35   |
|                                 |                                                      | S               | EUR 1 =   | DJF 197.54             | DJF 203.00           | DJF 203.51     | DJF 197.78   |
| Dominica                        |                                                      |                 |           |                        |                      |                |              |
| Roseau                          | East Caribbean dollar<br>= 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 2.9804           | XCD 3.0097     | XCD 2.9253   |
|                                 |                                                      | V, S            | EUR 1 =   | XCD 2.9378             | XCD 3.0122           | XCD 3.0418     | XCD 2.9565   |
| Dominican Republic              |                                                      |                 |           |                        |                      |                |              |
| Santo Domingo                   | Dominican peso<br>= 100 centavos                     | B               | USD 1 =   | DOP 55.2360            | DOP 58.5923          | DOP 58.9695    | DOP 59.0545  |
|                                 |                                                      | S               | USD 1 =   | DOP 56.4645            | DOP 59.8995          | DOP 60.2518    | DOP 60.2636  |
|                                 | DOP                                                  | B               | EUR 1 =   | DOP 59.3586            | DOP 64.6033          | DOP 65.2424    | DOP 63.5175  |
|                                 |                                                      | S               | EUR 1 =   | DOP 62.8987            | DOP 68.2774          | DOP 69.0038    | DOP 67.2062  |
| Egypt                           |                                                      |                 |           |                        |                      |                |              |
| Cairo                           | Egyptian pound<br>= 100 piastres<br>= 1,000 milliems | B               | USD 1 =   | EGP 30.64              | EGP 48.57            | EGP 48.26      | EGP 48.88    |
|                                 |                                                      | S               | USD 1 =   | EGP 30.74              | EGP 48.67            | EGP 48.36      | EGP 48.98    |
|                                 | EGP                                                  | B               | EUR 1 =   | EGP 33.1023            | EGP 53.6990          | EGP 53.7713    | EGP 53.0104  |
|                                 |                                                      | S               | EUR 1 =   | EGP 33.4357            | EGP 54.2135          | EGP 54.2019    | EGP 53.3245  |
| El Salvador <sup>1</sup>        |                                                      |                 |           |                        |                      |                |              |
| San Salvador                    | El Salvador colón<br>= 100 centavos<br><br>SVC       | 2               | USD 1 =   | SVC 8.75               | SVC 8.75             | SVC 8.75       | SVC 8.75     |
|                                 |                                                      | V               | EUR 1 =   | SVC 9.4614             | SVC 9.7011           | SVC 9.7965     | SVC 9.5218   |
| Equatorial Guinea <sup>1</sup>  |                                                      |                 |           |                        |                      |                |              |
| Malabo                          | CFA franc                                            | B               | USD 1 =   | XAF 600.8986           | XAF 588.6981         | XAF 582.9060   | XAF 601.2180 |
|                                 |                                                      | S               | USD 1 =   | XAF 606.2977           | XAF 590.1229         | XAF 588.8145   | XAF 608.1108 |
|                                 | XAF                                                  | 3               | EUR 1 =   | XAF 655.957            | XAF 655.957          | XAF 655.957    | XAF 655.957  |
| Eritrea                         |                                                      |                 |           |                        |                      |                |              |
| Asmara                          | Nakfa<br>= 100 cents                                 | 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    |
|                                 | ERN                                                  | B               | EUR 1 =   | ERN 16.2843            | ERN 16.6470          | ERN 16.7310    | ERN 16.2300  |
|                                 |                                                      | S               | EUR 1 =   | ERN 16.9205            | ERN 17.2832          | ERN 17.3672    | ERN 16.8662  |
| Estonia                         |                                                      |                 |           |                        |                      |                |              |
| Tallinn                         | Euro<br>= 100 cent<br><br>EUR                        | M               | EUR 1 =   | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882   |

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro. <sup>4</sup> Exchange rate as of 27 May 2024.

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital              | Currency<br>ISO currency code                      | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |              |
|----------------------------------------------|----------------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|--------------|
|                                              |                                                    |                 |         |                        | August 2024          | September 2024 | October 2024 |
| Eswatini <sup>1</sup>                        |                                                    |                 |         |                        |                      |                |              |
| Mbabane<br>Seat of<br>parliament:<br>Lobamba | Lilangeni<br>= 100 cents                           | B               | USD 1 = | SZL 18.4738            | SZL 17.7049          | SZL 17.0532    | SZL 17.6674  |
|                                              |                                                    | S               | USD 1 = | SZL 18.4834            | SZL 17.7139          | SZL 17.0618    | SZL 17.6757  |
|                                              | SZL                                                | B               | EUR 1 = | SZL 20.0371            | SZL 19.6231          | SZL 19.0415    | SZL 19.1123  |
|                                              |                                                    | S               | EUR 1 = | SZL 20.0500            | SZL 19.6341          | SZL 19.0539    | SZL 19.1244  |
| Ethiopia                                     |                                                    |                 |         |                        |                      |                |              |
| Addis Ababa                                  | Birr<br>= 100 cents                                | B               | USD 1 = | ETB 54.7070            | ETB 105.4304         | ETB 112.3957   | ETB 119.2044 |
|                                              |                                                    | S               | USD 1 = | ETB 55.8012            | ETB 117.0277         | ETB 123.6353   | ETB 121.5885 |
|                                              | ETB                                                | B               | EUR 1 = | ETB 59.3658            | ETB 116.7747         | ETB 125.0177   | ETB 128.8242 |
|                                              |                                                    | S               | EUR 1 = | ETB 60.5531            | ETB 129.6199         | ETB 137.5195   | ETB 131.4007 |
| Falkland Islands (Islas Malvinas)            |                                                    |                 |         |                        |                      |                |              |
| Stanley                                      | Falkland Islands pound <sup>2</sup><br>= 100 pence | V               | USD 1 = | FKP 0.80439            | FKP 0.75873          | FKP 0.74619    | FKP 0.76965  |
|                                              |                                                    | V               | EUR 1 = | FKP 0.86979            | FKP 0.84120          | FKP 0.83543    | FKP 0.83753  |
|                                              | FKP                                                |                 |         |                        |                      |                |              |
| Fiji                                         |                                                    |                 |         |                        |                      |                |              |
| Suva                                         | Fiji dollar<br>= 100 cents                         | B               | FJD 1 = | USD 0.4526             | USD 0.4577           | USD 0.4614     | USD 0.4475   |
|                                              |                                                    | S               | FJD 1 = | USD 0.4356             | USD 0.4407           | USD 0.4444     | USD 0.4305   |
|                                              | FJD                                                | B               | FJD 1 = | EUR 0.4150             | EUR 0.4110           | EUR 0.4113     | EUR 0.4097   |
|                                              |                                                    | S               | FJD 1 = | EUR 0.4030             | EUR 0.3990           | EUR 0.3993     | EUR 0.3977   |
| Finland                                      |                                                    |                 |         |                        |                      |                |              |
| Helsinki                                     | Euro<br>= 100 cent                                 | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882   |
|                                              | EUR                                                |                 |         |                        |                      |                |              |
| France                                       |                                                    |                 |         |                        |                      |                |              |
| Paris                                        | Euro<br>= 100 cent                                 | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882   |
|                                              | EUR                                                |                 |         |                        |                      |                |              |
| Gabon <sup>1</sup>                           |                                                    |                 |         |                        |                      |                |              |
| Libreville                                   | CFA franc                                          | B               | USD 1 = | XAF 600.8986           | XAF 588.6981         | XAF 582.9060   | XAF 601.2180 |
|                                              |                                                    | S               | USD 1 = | XAF 606.2977           | XAF 590.1229         | XAF 588.8145   | XAF 608.1108 |
|                                              | XAF                                                | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957    | XAF 655.957  |
| Gambia                                       |                                                    |                 |         |                        |                      |                |              |
| Banjul                                       | Dalasi<br>= 100 bututs                             | M               | USD 1 = | GMD 60.71              | GMD 68.15            | GMD 68.39      | GMD 68.41    |
|                                              | GMD                                                | M               | EUR 1 = | GMD 65.93              | GMD 74.64            | GMD 76.79      | GMD 77.17    |
| Georgia                                      |                                                    |                 |         |                        |                      |                |              |
| Tbilisi                                      | Lari<br>= 100 tetri                                | M               | USD 1 = | GEL 2.6277             | GEL 2.6920           | GEL 2.7297     | GEL 2.7468   |
|                                              | GEL                                                | M               | EUR 1 = | GEL 2.8417             | GEL 2.9865           | GEL 3.0480     | GEL 2.9759   |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code                          | Type of<br>rate                  | Unit               | Annual average<br>2023           | Rate at end of month             |                                  |                                  |
|---------------------------------|--------------------------------------------------------|----------------------------------|--------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|                                 |                                                        |                                  |                    |                                  | August 2024                      | September 2024                   | October 2024                     |
| Germany                         |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Berlin                          | Euro<br>= 100 cent<br><br>EUR                          | M                                | EUR 1 =            | USD 1.0813                       | USD 1.1087                       | USD 1.1196                       | USD 1.0882                       |
| Ghana                           |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Accra                           | Ghana cedi<br>= 100 Ghana pesewas<br><br>GHS           | B<br>S                           | USD 1 =<br>USD 1 = | GHS 11.1524<br>GHS 11.1635       | GHS 15.1823<br>GHS 15.1975       | GHS 15.7921<br>GHS 15.8079       | GHS 16.2919<br>GHS 16.3082       |
|                                 |                                                        | B<br>S                           | EUR 1 =<br>EUR 1 = | GHS 12.0775<br>GHS 12.0892       | GHS 16.7745<br>GHS 16.7910       | GHS 17.6028<br>GHS 17.6188       | GHS 17.6904<br>GHS 17.7079       |
| Gibraltar                       |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Gibraltar                       | Gibraltar pound <sup>2</sup><br>= 100 pence<br><br>GIP | V<br><br>V                       | USD 1 =<br>EUR 1 = | GIP 0.80439<br>GIP 0.86979       | GIP 0.75873<br>GIP 0.84120       | GIP 0.74619<br>GIP 0.83543       | GIP 0.76965<br>GIP 0.83753       |
| Greece                          |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Athens                          | Euro<br>= 100 cent<br><br>EUR                          | M                                | EUR 1 =            | USD 1.0813                       | USD 1.1087                       | USD 1.1196                       | USD 1.0882                       |
| Grenada                         |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| St George's                     | East Caribbean dollar<br>= 100 cents<br><br>XCD        | <sup>3</sup> B<br><sup>3</sup> S | USD 1 =<br>USD 1 = | XCD 2.6882<br>XCD 2.7169         | XCD 2.6882<br>XCD 2.7169         | XCD 2.6882<br>XCD 2.7169         | XCD 2.6882<br>XCD 2.7169         |
|                                 |                                                        | V, B<br>V, S                     | EUR 1 =<br>EUR 1 = | XCD 2.9068<br>XCD 2.9378         | XCD 2.9804<br>XCD 3.0122         | XCD 3.0097<br>XCD 3.0418         | XCD 2.9253<br>XCD 2.9565         |
| Guatemala                       |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Guatemala City                  | Quetzal<br>= 100 centavos<br><br>GTQ                   | M<br><br>V                       | USD 1 =<br>EUR 1 = | GTQ 7.83647<br>GTQ 8.48573       | GTQ 7.72910<br>GTQ 8.56925       | GTQ 7.72348<br>GTQ 8.64721       | GTQ 7.72505<br>GTQ 8.40640       |
| Guinea                          |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Conakry                         | Guinean franc<br><br>GNF                               | M<br><br>M                       | USD 1 =<br>EUR 1 = | GNF 8,508.4991<br>GNF 9,225.4970 | GNF 8,583.5487<br>GNF 9,517.4415 | GNF 8,585.8108<br>GNF 9,580.0488 | GNF 8,563.1016<br>GNF 9,237.5761 |
| Guinea-Bissau <sup>1</sup>      |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Bissau                          | CFA franc<br><br>XOF                                   | B<br>S                           | USD 1 =<br>USD 1 = | XOF 601.85<br>XOF 608.85         | XOF 588.00<br>XOF 595.00         | XOF 582.75<br>XOF 589.75         | XOF 600.50<br>XOF 607.50         |
|                                 |                                                        | 4                                | EUR 1 =            | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      |
| Guyana                          |                                                        |                                  |                    |                                  |                                  |                                  |                                  |
| Georgetown                      | Guyana dollar<br>= 100 cents<br><br>GYD                | B<br>S                           | USD 1 =<br>USD 1 = | GYD 207.98<br>GYD 210.45         | GYD 207.98<br>GYD 210.45         | GYD 207.98<br>GYD 210.45         | GYD 207.98<br>GYD 210.45         |
|                                 |                                                        | B<br>S                           | EUR 1 =<br>EUR 1 = | GYD 225.09<br>GYD 227.98         | GYD 230.67<br>GYD 233.63         | GYD 232.13<br>GYD 235.10         | GYD 224.47<br>GYD 227.35         |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital        | Currency<br>ISO currency code               | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |               |
|----------------------------------------|---------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|---------------|
|                                        |                                             |                 |         |                        | August 2024          | September 2024 | October 2024  |
| Haiti                                  |                                             |                 |         |                        |                      |                |               |
| Port-au-Prince                         | Gourde<br>= 100 centimes<br><br>HTG         | M               | USD 1 = | HTG 140.1753           | HTG 131.4634         | HTG 131.5316   | HTG 131.1781  |
|                                        |                                             | V               | EUR 1 = | HTG 151.7859           | HTG 145.7535         | HTG 147.2628   | HTG 142.7480  |
| Honduras                               |                                             |                 |         |                        |                      |                |               |
| Tegucigalpa                            | Lempira<br>= 100 centavos                   | B               | USD 1 = | HNL 24.6030            | HNL 24.7588          | HNL 24.8381    | HNL 24.9661   |
|                                        |                                             | S               | USD 1 = | HNL 24.7261            | HNL 24.8826          | HNL 24.9623    | HNL 25.0909   |
|                                        | HNL                                         | V, B            | EUR 1 = | HNL 26.6413            | HNL 27.4501          | HNL 27.8087    | HNL 27.1681   |
|                                        |                                             | V, S            | EUR 1 = | HNL 26.7745            | HNL 27.5873          | HNL 27.9478    | HNL 27.3039   |
| Hong Kong                              |                                             |                 |         |                        |                      |                |               |
| Hong Kong                              | Hong Kong dollar<br>= 100 cents             | B               | USD 1 = | HKD 7.79805            | HKD 7.76620          | HKD 7.73530    | HKD 7.74200   |
|                                        |                                             | S               | USD 1 = | HKD 7.85978            | HKD 7.82770          | HKD 7.79680    | HKD 7.80360   |
|                                        | HKD                                         | B               | EUR 1 = | HKD 8.40687            | HKD 8.57310          | HKD 8.62800    | HKD 8.36970   |
|                                        |                                             | S               | EUR 1 = | HKD 8.54956            | HKD 8.71040          | HKD 8.76530    | HKD 8.50700   |
| Hungary                                |                                             |                 |         |                        |                      |                |               |
| Budapest                               | Hungarian forint<br>= 100 fillér<br><br>HUF | M               | USD 1 = | HUF 353.25             | HUF 354.47           | HUF 354.81     | HUF 375.81    |
|                                        |                                             | M               | EUR 1 = | HUF 380.53             | HUF 392.61           | HUF 397.56     | HUF 406.44    |
| Iceland                                |                                             |                 |         |                        |                      |                |               |
| Reykjavik                              | Icelandic krona<br><br>ISK                  | M               | USD 1 = | ISK 137.661            | ISK 137.91           | ISK 134.60     | ISK 136.83    |
|                                        |                                             | M               | EUR 1 = | ISK 148.450            | ISK 152.90           | ISK 150.70     | ISK 148.90    |
| India <sup>1</sup>                     |                                             |                 |         |                        |                      |                |               |
| New Delhi                              | Indian rupee<br>= 100 paise<br><br>INR      | M               | USD 1 = | INR 82.5999            | INR 83.8709          | INR 83.7888    | INR 84.0886   |
|                                        |                                             | M               | EUR 1 = | INR 89.4895            | INR 92.9083          | INR 93.5340    | INR 91.2505   |
| Indonesia                              |                                             |                 |         |                        |                      |                |               |
| Jakarta                                | Indonesian rupiah<br>= 100 sen              | B               | USD 1 = | IDR 15,146.72          | IDR 15,331.95        | IDR 15,062.31  | IDR 15,653.34 |
|                                        |                                             | S               | USD 1 = | IDR 15,298.95          | IDR 15,486.05        | IDR 15,213.69  | IDR 15,810.66 |
|                                        | IDR                                         | B               | EUR 1 = | IDR 16,392.04          | IDR 17,043.00        | IDR 16,767.36  | IDR 16,933.78 |
|                                        |                                             | S               | EUR 1 = | IDR 16,562.14          | IDR 17,215.84        | IDR 16,937.40  | IDR 17,108.72 |
| Iran, Islamic Republic of <sup>1</sup> |                                             |                 |         |                        |                      |                |               |
| Tehran                                 | Iranian rial<br>= 100 dinars<br><br><br>IRR | 2               | USD 1 = | IRR 42,000             | IRR 420,741          | IRR 449,150    | IRR 444,081   |
|                                        |                                             | 2               | EUR 1 = | IRR 45,555             | IRR 465,370          | IRR 501,389    | IRR 482,447   |
|                                        |                                             | 3               | USD 1 = | IRR 510,567            | IRR 593,500          | IRR 606,500    | IRR 686,500   |
|                                        |                                             | 3               | EUR 1 = | IRR 553,167            | IRR 656,500          | IRR 676,000    | IRR 745,000   |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code   | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |               |
|---------------------------------|---------------------------------|-----------------|---------|------------------------|----------------------|----------------|---------------|
|                                 |                                 |                 |         |                        | August 2024          | September 2024 | October 2024  |
| Iraq                            |                                 |                 |         |                        |                      |                |               |
| Baghdad                         | Iraqi dinar<br>= 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 1,441.440        | IQD 1,455.480  | IQD 1,414.660 |
|                                 |                                 | S               | EUR 1 = | IQD 1,432.370          | IQD 1,452.528        | IQD 1,466.676  | IQD 1,425.542 |
| Ireland                         |                                 |                 |         |                        |                      |                |               |
| Dublin                          | Euro<br>= 100 cent              | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882    |
|                                 | EUR                             |                 |         |                        |                      |                |               |
| Israel                          |                                 |                 |         |                        |                      |                |               |
| Jerusalem                       | New shekel<br>= 100 agorot      | M               | USD 1 = | ILS 3.6897             | ILS 3.6560           | ILS 3.7100     | ILS 3.7140    |
|                                 |                                 | M               | EUR 1 = | ILS 4.0154             | ILS 4.0558           | ILS 4.1524     | ILS 4.0418    |
|                                 | ILS                             |                 |         |                        |                      |                |               |
| Italy                           |                                 |                 |         |                        |                      |                |               |
| Rome                            | Euro<br>= 100 cent              | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882    |
|                                 | EUR                             |                 |         |                        |                      |                |               |
| Jamaica                         |                                 |                 |         |                        |                      |                |               |
| Kingston                        | Jamaican dollar<br>= 100 cents  | B               | USD 1 = | JMD 153.3267           | JMD 156.9021         | JMD 157.2790   | JMD 157.6271  |
|                                 |                                 | S               | USD 1 = | JMD 154.9798           | JMD 158.2916         | JMD 158.7166   | JMD 159.1069  |
|                                 | JMD                             | B               | EUR 1 = | JMD 163.6487           | JMD 168.5027         | JMD 169.8950   | JMD 167.3503  |
|                                 |                                 | S               | EUR 1 = | JMD 169.9925           | JMD 178.9596         | JMD 180.0163   | JMD 173.3679  |
| Japan                           |                                 |                 |         |                        |                      |                |               |
| Tokyo                           | Japanese yen<br>= 100 sen       | B               | USD 1 = | JPY 139.67             | JPY 143.80           | JPY 141.73     | JPY 152.64    |
|                                 |                                 | S               | USD 1 = | JPY 141.67             | JPY 145.80           | JPY 143.73     | JPY 154.64    |
|                                 | JPY                             | B               | EUR 1 = | JPY 151.67             | JPY 158.94           | JPY 157.93     | JPY 165.23    |
|                                 |                                 | S               | EUR 1 = | JPY 154.67             | JPY 161.94           | JPY 160.93     | JPY 168.23    |
| Jordan                          |                                 |                 |         |                        |                      |                |               |
| Amman                           | Jordanian dinar<br>= 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 0.78383          | JOD 0.78970    | JOD 0.76761   |
|                                 |                                 | S               | EUR 1 = | JOD 0.77123            | JOD 0.79087          | JOD 0.79577    | JOD 0.77213   |
| Kazakhstan                      |                                 |                 |         |                        |                      |                |               |
| Astana                          | Tenge<br>= 100 tiyn             | M               | USD 1 = | KZT 456.43             | KZT 481.63           | KZT 479.23     | KZT 488.45    |
|                                 |                                 | M               | EUR 1 = | KZT 494.49             | KZT 534.46           | KZT 534.96     | KZT 529.19    |
|                                 | KZT                             |                 |         |                        |                      |                |               |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital                     | Currency<br>ISO currency code               | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |               |
|-----------------------------------------------------|---------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|---------------|
|                                                     |                                             |                 |         |                        | August 2024          | September 2024 | October 2024  |
| Kenya <sup>1</sup>                                  |                                             |                 |         |                        |                      |                |               |
| Nairobi                                             | Kenya shilling<br>= 100 cents<br><br>KES    | M               | USD 1 = | KES 141.2130           | KES 129.1747         | KES 129.1957   | KES 129.1999  |
|                                                     |                                             | M               | EUR 1 = | KES 153.1451           | KES 143.0416         | KES 144.2405   | KES 140.1754  |
| Korea, Democratic People’s Republic of <sup>1</sup> |                                             |                 |         |                        |                      |                |               |
| Pyongyang                                           | North Korean won<br>= 100 chon              | B               | USD 1 = | .                      | .                    | .              | .             |
|                                                     |                                             | S               | USD 1 = | .                      | .                    | .              | .             |
|                                                     | KPW                                         | B               | EUR 1 = | .                      | .                    | .              | .             |
|                                                     |                                             | S               | EUR 1 = | .                      | .                    | .              | .             |
| Korea, Republic of                                  |                                             |                 |         |                        |                      |                |               |
| Seoul                                               | South Korean won<br>= 100 chon              | B               | USD 1 = | KRW 1,295.23           | KRW 1,325.90         | KRW 1,312.60   | KRW 1,362.60  |
|                                                     |                                             | S               | USD 1 = | KRW 1,320.54           | KRW 1,352.10         | KRW 1,338.40   | KRW 1,389.40  |
|                                                     | KRW                                         | B               | EUR 1 = | KRW 1,405.70           | KRW 1,464.74         | KRW 1,452.33   | KRW 1,482.74  |
|                                                     |                                             | S               | EUR 1 = | KRW 1,434.08           | KRW 1,494.32         | KRW 1,481.67   | KRW 1,512.68  |
| Kuwait                                              |                                             |                 |         |                        |                      |                |               |
| Kuwait                                              | Kuwaiti dinar<br>= 1,000 fils               | B               | USD 1 = | KWD 0.30581            | KWD 0.30350          | KWD 0.30345    | KWD 0.30505   |
|                                                     |                                             | S               | USD 1 = | KWD 0.30958            | KWD 0.30710          | KWD 0.30705    | KWD 0.30865   |
|                                                     | KWD                                         | B               | EUR 1 = | KWD 0.331129           | KWD 0.335701         | KWD 0.337588   | KWD 0.331056  |
|                                                     |                                             | S               | EUR 1 = | KWD 0.335209           | KWD 0.339683         | KWD 0.341593   | KWD 0.334962  |
| Kyrgyzstan                                          |                                             |                 |         |                        |                      |                |               |
| Bishkek                                             | Kyrgyz som<br>= 100 tyiyn<br><br>KGS        | M               | USD 1 = | KGS 87.9285            | KGS 84.9152          | KGS 84.2000    | KGS 85.8000   |
|                                                     |                                             | M               | EUR 1 = | KGS 95.2932            | KGS 94.0521          | KGS 93.8409    | KGS 93.0072   |
| Lao People’s Democratic Republic                    |                                             |                 |         |                        |                      |                |               |
| Vientiane                                           | Kip                                         | B               | USD 1 = | LAK 18,774             | LAK 22,013           | LAK 21,715     | LAK 21,889    |
|                                                     |                                             | S               | USD 1 = | LAK 18,913             | LAK 22,154           | LAK 21,976     | LAK 22,036    |
|                                                     | LAK                                         | B               | EUR 1 = | LAK 20,319             | LAK 24,306           | LAK 24,371     | LAK 23,778    |
|                                                     |                                             | S               | EUR 1 = | LAK 20,520             | LAK 24,547           | LAK 24,613     | LAK 24,014    |
| Latvia                                              |                                             |                 |         |                        |                      |                |               |
| Riga                                                | Euro<br>= 100 cent<br><br>EUR               | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882    |
| Lebanon                                             |                                             |                 |         |                        |                      |                |               |
| Beirut                                              | Lebanese pound<br>= 100 piastres<br><br>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 99,139.00        | LBP 100,294.00 | LBP 97,313.00 |

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> 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 <sup>1</sup><br>Capital                     | Currency<br>ISO currency code | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |                |
|-----------------------------------------------------|-------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                                     |                               |                 |         |                        | August 2024          | September 2024 | October 2024   |
| Lesotho <sup>1</sup>                                |                               |                 |         |                        |                      |                |                |
| Maseru                                              | Loti                          | M               | USD 1 = | LSL 18.4883            | LSL 17.7098          | LSL 17.1984    | LSL 17.7343    |
|                                                     | = 100 lisente                 | M               | EUR 1 = | LSL 19.9987            | LSL 19.6306          | LSL 19.1822    | LSL 19.1186    |
|                                                     | LSL                           |                 |         |                        |                      |                |                |
| Liberia <sup>1</sup>                                |                               |                 |         |                        |                      |                |                |
| Monrovia                                            | Liberian dollar               | B               | USD 1 = | LRD 175.3089           | LRD 194.2579         | LRD 192.5182   | LRD 191.0561   |
|                                                     | = 100 cents                   | S               | USD 1 = | LRD 177.2670           | LRD 195.7861         | LRD 194.9936   | LRD 192.3502   |
|                                                     | LRD                           | V, B            | EUR 1 = | LRD 189.8646           | LRD 215.3737         | LRD 215.5434   | LRD 207.9072   |
|                                                     |                               | V, S            | EUR 1 = | LRD 191.9861           | LRD 217.0680         | LRD 218.3148   | LRD 209.3155   |
| Libya                                               |                               |                 |         |                        |                      |                |                |
| Tripoli                                             | Libyan dinar                  | B               | USD 1 = | LYD 4.7997             | LYD 4.7493           | LYD 4.7229     | LYD 4.8079     |
|                                                     | = 1,000 dirham                | S               | USD 1 = | LYD 4.8237             | LYD 4.7731           | LYD 4.7466     | LYD 4.8320     |
|                                                     | LYD                           | B               | EUR 1 = | LYD 5.1969             | LYD 5.2941           | LYD 5.2717     | LYD 5.2166     |
|                                                     |                               | S               | EUR 1 = | LYD 5.2229             | LYD 5.3206           | LYD 5.2982     | LYD 5.2427     |
| Lithuania                                           |                               |                 |         |                        |                      |                |                |
| Vilnius                                             | Euro                          | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882     |
|                                                     | = 100 cent                    |                 |         |                        |                      |                |                |
|                                                     | EUR                           |                 |         |                        |                      |                |                |
| Luxembourg                                          |                               |                 |         |                        |                      |                |                |
| Luxembourg                                          | Euro                          | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882     |
|                                                     | = 100 cent                    |                 |         |                        |                      |                |                |
|                                                     | EUR                           |                 |         |                        |                      |                |                |
| Macao <sup>1</sup>                                  |                               |                 |         |                        |                      |                |                |
| Macao                                               | Pataca                        | B               | USD 1 = | MOP 8.0589             | MOP 8.0242           | MOP 7.9931     | MOP 7.9977     |
|                                                     | = 100 avos                    | S               | USD 1 = | MOP 8.0851             | MOP 8.0504           | MOP 8.0193     | MOP 8.0239     |
|                                                     | MOP                           | B               | EUR 1 = | MOP 8.7210             | MOP 8.8813           | MOP 8.9421     | MOP 8.6742     |
|                                                     |                               | S               | EUR 1 = | MOP 8.7602             | MOP 8.9205           | MOP 8.9813     | MOP 8.7134     |
| Madagascar                                          |                               |                 |         |                        |                      |                |                |
| Antananarivo                                        | Ariary                        | M               | USD 1 = | MGA 4,431.43           | MGA 4,542.19         | MGA 4,537.16   | MGA 4,596.07   |
|                                                     | = 5 iraimbilanja              | M               | EUR 1 = | MGA 4,778.84           | MGA 4,973.33         | MGA 5,005.12   | MGA 4,965.27   |
|                                                     | MGA                           |                 |         |                        |                      |                |                |
| Malawi                                              |                               |                 |         |                        |                      |                |                |
| Lilongwe                                            | Malawi kwacha                 | B               | USD 1 = | MWK 1,153.2122         | MWK 1,717.0236       | MWK 1,717.0236 | MWK 1,717.0236 |
|                                                     | = 100 tambala                 | S               | USD 1 = | MWK 1,175.9452         | MWK 1,751.0000       | MWK 1,751.0000 | MWK 1,751.0000 |
|                                                     | MWK                           | B               | EUR 1 = | MWK 1,288.5153         | MWK 1,959.0055       | MWK 1,974.2149 | MWK 1,919.0366 |
|                                                     |                               | S               | EUR 1 = | MWK 1,313.9172         | MWK 1,997.7701       | MWK 2,013.2805 | MWK 1,957.0104 |
| Malaysia                                            |                               |                 |         |                        |                      |                |                |
| Kuala Lumpur<br>Seat of<br>government:<br>Putrajaya | Malaysian ringgit             | B               | USD 1 = | MYR 4.4745             | MYR 4.2290           | MYR 4.0254     | MYR 4.2764     |
|                                                     | = 100 sen                     | S               | USD 1 = | MYR 4.6410             | MYR 4.4060           | MYR 4.2006     | MYR 4.4626     |
|                                                     | MYR                           | B               | EUR 1 = | MYR 4.8485             | MYR 4.6784           | MYR 4.4929     | MYR 4.6256     |
|                                                     |                               | S               | EUR 1 = | MYR 5.0494             | MYR 4.8899           | MYR 4.6960     | MYR 4.8347     |

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> 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 <sup>1</sup><br>Capital | Currency<br>ISO currency code     | Type of<br>rate | Unit               | Annual average<br>2023     | Rate at end of month       |                            |                            |
|---------------------------------|-----------------------------------|-----------------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                                 |                                   |                 |                    |                            | August 2024                | September 2024             | October 2024               |
| Maldives                        |                                   |                 |                    |                            |                            |                            |                            |
| Malé                            | Rufiyaa<br>= 100 laari            | M               | USD 1 =            | MVR 15.39                  | MVR 15.41                  | MVR 15.38                  | MVR 15.41                  |
|                                 | MVR                               | V               | EUR 1 =            | MVR 16.66483               | MVR 17.08507               | MVR 17.21945               | MVR 16.76916               |
| Mali <sup>1</sup>               |                                   |                 |                    |                            |                            |                            |                            |
| Bamako                          | CFA franc                         | B<br>S          | USD 1 =<br>USD 1 = | XOF 601.85<br>XOF 608.85   | XOF 588.00<br>XOF 595.00   | XOF 582.75<br>XOF 589.75   | XOF 600.50<br>XOF 607.50   |
|                                 | XOF                               | 2               | EUR 1 =            | XOF 655.957                | XOF 655.957                | XOF 655.957                | XOF 655.957                |
| Malta                           |                                   |                 |                    |                            |                            |                            |                            |
| Valletta                        | Euro<br>= 100 cent<br><br>EUR     | M               | EUR 1 =            | USD 1.0813                 | USD 1.1087                 | USD 1.1196                 | USD 1.0882                 |
| Mauritania                      |                                   |                 |                    |                            |                            |                            |                            |
| Nouakchott                      | Ouguiya                           | M               | USD 1 =            | MRU 36.72                  | MRU 39.60                  | MRU 39.56                  | MRU 39.74                  |
|                                 | MRU                               | M               | EUR 1 =            | MRU 39.82                  | MRU 43.93                  | MRU 44.28                  | MRU 43.21                  |
| Mauritius                       |                                   |                 |                    |                            |                            |                            |                            |
| Port Louis                      | Mauritian rupee<br>= 100 cents    | B<br>S          | USD 1 =<br>USD 1 = | MUR 44.6368<br>MUR 45.5361 | MUR 46.0564<br>MUR 46.9557 | MUR 45.4486<br>MUR 46.3479 | MUR 45.6714<br>MUR 46.5707 |
|                                 | MUR                               | B<br>S          | EUR 1 =<br>EUR 1 = | MUR 48.2684<br>MUR 49.6148 | MUR 51.1185<br>MUR 52.5787 | MUR 50.9048<br>MUR 52.3636 | MUR 49.5023<br>MUR 50.9209 |
| Mexico                          |                                   |                 |                    |                            |                            |                            |                            |
| Mexico City                     | Mexican peso<br>= 100 centavos    | M               | USD 1 =            | MXN 17.7608                | MXN 19.7027                | MXN 19.6921                | MXN 20.0109                |
|                                 | MXN                               | V               | EUR 1 =            | MXN 19.0886                | MXN 21.8444                | MXN 22.0473                | MXN 21.7759                |
| Moldova, Republic of            |                                   |                 |                    |                            |                            |                            |                            |
| Chisinau                        | Moldovan leu<br>= 100 bani        | M               | USD 1 =            | MDL 18.1627                | MDL 17.3995                | MDL 17.4250                | MDL 17.9247                |
|                                 | MDL                               | M               | EUR 1 =            | MDL 19.6390                | MDL 19.3117                | MDL 19.4506                | MDL 19.4018                |
| Mongolia                        |                                   |                 |                    |                            |                            |                            |                            |
| Ulan Bator                      | Togrog<br>= 100 mongo             | M               | USD 1 =            | MNT 3,463.80               | MNT 3,380.94               | MNT 3,380.93               | MNT 3,404.64               |
|                                 | MNT                               | M               | EUR 1 =            | MNT 3,754.18               | MNT 3,747.60               | MNT 3,777.34               | MNT 3,695.91               |
| Morocco                         |                                   |                 |                    |                            |                            |                            |                            |
| Rabat                           | Moroccan dirham<br>= 100 centimes | M               | USD 1 =            | MAD 10.1361                | MAD 9.7259                 | MAD 9.6975                 | MAD 9.8444                 |
|                                 | MAD                               | M               | EUR 1 =            | MAD 10.9572                | MAD 10.7737                | MAD 10.8482                | MAD 10.6968                |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital                  | Currency<br>ISO currency code     | Type of<br>rate | Unit               | Annual average<br>2023       | Rate at end of month                     |                                          |                                          |
|--------------------------------------------------|-----------------------------------|-----------------|--------------------|------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
|                                                  |                                   |                 |                    |                              | August 2024                              | September 2024                           | October 2024                             |
| Mozambique                                       |                                   |                 |                    |                              |                                          |                                          |                                          |
| Maputo                                           | Metical<br>= 100 centavos         | B<br>S          | USD 1 =<br>USD 1 = | MZN 63.25<br>MZN 64.52       | MZN 63.27<br>MZN 64.54                   | MZN 63.27<br>MZN 64.54                   | MZN 63.27<br>MZN 64.53                   |
|                                                  | MZN                               | B<br>S          | EUR 1 =<br>EUR 1 = | MZN 68.53<br>MZN 69.90       | MZN 70.03<br>MZN 71.43                   | MZN 70.80<br>MZN 72.22                   | MZN 68.85<br>MZN 70.23                   |
| Myanmar                                          |                                   |                 |                    |                              |                                          |                                          |                                          |
| Nay Pyi Taw                                      | Kyat<br>= 100 pyas                | M<br>M          | USD 1 =<br>EUR 1 = | MMK 2,100.00<br>MMK 2,275.13 | MMK 2,100.00<br>MMK 2,326.20             | MMK 2,100.00<br>MMK 2,352.90             | MMK 2,100.00<br>MMK 2,279.70             |
|                                                  | MMK                               |                 |                    |                              |                                          |                                          |                                          |
| Namibia <sup>1</sup>                             |                                   |                 |                    |                              |                                          |                                          |                                          |
| Windhoek                                         | Namibia dollar<br>= 100 cents     | M<br>M          | USD 1 =<br>EUR 1 = | NAD 18.5075<br>NAD 20.0517   | NAD 17.7518<br>NAD 19.6623               | NAD 17.0928<br>NAD 19.0776               | NAD 17.6751<br>NAD 19.1776               |
|                                                  | NAD                               |                 |                    |                              |                                          |                                          |                                          |
| Nepal                                            |                                   |                 |                    |                              |                                          |                                          |                                          |
| Kathmandu                                        | Nepalese rupee<br>= 100 paisa     | B<br>S          | USD 1 =<br>USD 1 = | NPR 131.85<br>NPR 132.45     | NPR 133.89<br>NPR 134.49                 | NPR 133.63<br>NPR 134.23                 | NPR 134.23<br>NPR 134.83                 |
|                                                  | NPR                               | B<br>S          | EUR 1 =<br>EUR 1 = | NPR 142.95<br>NPR 143.60     | NPR 148.39<br>NPR 149.06                 | NPR 149.18<br>NPR 149.85                 | NPR 145.39<br>NPR 146.04                 |
| Netherlands                                      |                                   |                 |                    |                              |                                          |                                          |                                          |
| Amsterdam<br>Seat of<br>government:<br>The Hague | Euro<br>= 100 cent<br><br>EUR     | M               | EUR 1 =            | USD 1.0813                   | USD 1.1087                               | USD 1.1196                               | USD 1.0882                               |
| New Caledonia <sup>1</sup>                       |                                   |                 |                    |                              |                                          |                                          |                                          |
| Nouméa                                           | CFP franc                         | V               | XPF 1,000 =        | USD 9.06                     | USD 9.29                                 | USD 9.38                                 | USD 9.12                                 |
|                                                  | XPF                               | 2               | XPF 1,000 =        | EUR 8.38                     | EUR 8.38                                 | EUR 8.38                                 | EUR 8.38                                 |
| New Zealand                                      |                                   |                 |                    |                              |                                          |                                          |                                          |
| Wellington                                       | New Zealand dollar<br>= 100 cents | B<br>S          | NZD 1 =<br>NZD 1 = | USD 0.6258<br>USD 0.6022     | USD 0.6389<br>USD 0.6149                 | USD 0.6492<br>USD 0.6249                 | USD 0.6075<br>USD 0.5888                 |
|                                                  | NZD                               | B<br>S          | NZD 1 =<br>NZD 1 = | EUR 0.5770<br>EUR 0.5551     | EUR 0.5769<br>EUR 0.5552                 | EUR 0.5813<br>EUR 0.5595                 | EUR 0.5593<br>EUR 0.5421                 |
| Nicaragua                                        |                                   |                 |                    |                              |                                          |                                          |                                          |
| Managua                                          | Córdoba<br>= 100 centavos         | M<br>V          | USD 1 =<br>EUR 1 = | NIO 36.4571<br>NIO 39.47779  | NIO 36.6243 <sup>3</sup><br>NIO 40.60536 | NIO 36.6243 <sup>3</sup><br>NIO 41.00457 | NIO 36.6243 <sup>3</sup><br>NIO 39.85456 |
|                                                  | NIO                               |                 |                    |                              |                                          |                                          |                                          |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |                |
|---------------------------------|-------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                 |                               |                 |         |                        | August 2024          | September 2024 | October 2024   |
| Niger <sup>1</sup>              |                               |                 |         |                        |                      |                |                |
| Niamey                          | CFA franc                     | B               | USD 1 = | XOF 601.85             | XOF 588.00           | XOF 582.75     | XOF 600.50     |
|                                 |                               | S               | USD 1 = | XOF 608.85             | XOF 595.00           | XOF 589.75     | XOF 607.50     |
|                                 | XOF                           | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957    | XOF 655.957    |
| Nigeria <sup>1</sup>            |                               |                 |         |                        |                      |                |                |
| Abuja                           | Naira                         | B               | USD 1 = | NGN 647.871            | NGN 1,597.642        | NGN 1,600.528  | NGN 1,669.470  |
|                                 | = 100 kobo                    | S               | USD 1 = | NGN 648.871            | NGN 1,598.642        | NGN 1,601.528  | NGN 1,670.470  |
|                                 |                               | B               | EUR 1 = | NGN 702.5779           | NGN 1,770.9862       | NGN 1,788.5900 | NGN 1,813.7122 |
|                                 | NGN                           | S               | EUR 1 = | NGN 703.6573           | NGN 1,772.0947       | NGN 1,789.7075 | NGN 1,814.7986 |
| North Macedonia                 |                               |                 |         |                        |                      |                |                |
| Skopje                          | North Macedonia denar         | B               | USD 1 = | MKD 56.5163            | MKD 55.1746          | MKD 54.8351    | MKD 56.5712    |
|                                 | = 100 deni                    | S               | USD 1 = | MKD 57.0843            | MKD 55.7292          | MKD 55.3863    | MKD 57.1398    |
|                                 | MKD                           | B               | EUR 1 = | MKD 61.2523            | MKD 61.1721          | MKD 61.1850    | MKD 61.1818    |
|                                 |                               | S               | EUR 1 = | MKD 61.8679            | MKD 61.7869          | MKD 61.8000    | MKD 61.7966    |
| Norway                          |                               |                 |         |                        |                      |                |                |
| Oslo                            | Norwegian krone               | B               | USD 1 = | NOK 10.5283            | NOK 10.4488          | NOK 10.4627    | NOK 10.9102    |
|                                 | = 100 øre                     | S               | USD 1 = | NOK 10.6043            | NOK 10.5428          | NOK 10.5567    | NOK 11.0042    |
|                                 |                               | B               | EUR 1 = | NOK 11.4231            | NOK 11.5893          | NOK 11.6946    | NOK 11.8511    |
|                                 | NOK                           | S               | EUR 1 = | NOK 11.5081            | NOK 11.6833          | NOK 11.7886    | NOK 11.9451    |
| Oman                            |                               |                 |         |                        |                      |                |                |
| Muscat                          | Rial Omani                    | 3 B             | USD 1 = | OMR 0.3840             | OMR 0.3840           | OMR 0.3840     | OMR 0.3840     |
|                                 | = 1,000 baisa                 | 3 S             | USD 1 = | OMR 0.3850             | OMR 0.3850           | OMR 0.3850     | OMR 0.3850     |
|                                 |                               | B               | EUR 1 = | OMR 0.4159552          | OMR 0.4275840        | OMR 0.4286976  | OMR 0.4165632  |
|                                 | OMR                           | S               | EUR 1 = | OMR 0.4171700          | OMR 0.4287360        | OMR 0.4298525  | OMR 0.4176865  |
| Pakistan                        |                               |                 |         |                        |                      |                |                |
| Islamabad                       | Pakistani rupee               | B               | USD 1 = | PKR 280.92             | PKR 278.60           | PKR 277.55     | PKR 277.70     |
|                                 | = 100 paisa                   | S               | USD 1 = | PKR 281.42             | PKR 279.10           | PKR 278.05     | PKR 278.20     |
|                                 |                               | B               | EUR 1 = | PKR 305.32             | PKR 309.17           | PKR 310.06     | PKR 301.42     |
|                                 | PKR                           | S               | EUR 1 = | PKR 305.86             | PKR 309.72           | PKR 310.62     | PKR 301.96     |
| Panama <sup>1</sup>             |                               |                 |         |                        |                      |                |                |
| Panama City                     | Balboa                        | 4               | USD 1 = | PAB 1                  | PAB 1                | PAB 1          | PAB 1          |
|                                 | = 100 centésimos              | V               | EUR 1 = | PAB 1.0813             | PAB 1.1087           | PAB 1.1196     | PAB 1.0882     |
|                                 | PAB                           |                 |         |                        |                      |                |                |
| Papua New Guinea                |                               |                 |         |                        |                      |                |                |
| Port Moresby                    | Kina                          | B               | PGK 1 = | USD 0.2853             | USD 0.2642           | USD 0.2627     | USD 0.2609     |
|                                 | = 100 toea                    | S               | PGK 1 = | USD 0.2703             | USD 0.2492           | USD 0.2477     | USD 0.2459     |
|                                 |                               | B               | PGK 1 = | EUR 0.2567             | EUR 0.2322           | EUR 0.2289     | EUR 0.2339     |
|                                 | PGK                           | S               | PGK 1 = | EUR 0.2417             | EUR 0.2172           | EUR 0.2139     | EUR 0.2189     |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code     | Type of<br>rate | Unit               | Annual average<br>2023       | Rate at end of month         |                              |                              |
|---------------------------------|-----------------------------------|-----------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                 |                                   |                 |                    |                              | August 2024                  | September 2024               | October 2024                 |
| Paraguay                        |                                   |                 |                    |                              |                              |                              |                              |
| Asunción                        | Guaraní<br>= 100 céntimos         | B<br>S          | USD 1 =            | PYG 7,286.84                 | PYG 7,656.08                 | PYG 7,789.90                 | PYG 7,871.95                 |
|                                 |                                   |                 | USD 1 =            | PYG 7,298.73                 | PYG 7,685.05                 | PYG 7,796.79                 | PYG 7,879.87                 |
|                                 | PYG                               | V, B<br>V, S    | EUR 1 =<br>EUR 1 = | PYG 7,870.63<br>PYG 7,883.48 | PYG 8,488.30<br>PYG 8,520.41 | PYG 8,691.97<br>PYG 8,699.66 | PYG 8,566.26<br>PYG 8,574.87 |
| Peru                            |                                   |                 |                    |                              |                              |                              |                              |
| Lima                            | Sol<br>= 100 céntimos             | B<br>S          | USD 1 =            | PEN 3.741                    | PEN 3.739                    | PEN 3.703                    | PEN 3.761                    |
|                                 |                                   |                 | USD 1 =            | PEN 3.748                    | PEN 3.750                    | PEN 3.714                    | PEN 3.775                    |
|                                 | PEN                               | B<br>S          | EUR 1 =<br>EUR 1 = | PEN 3.918<br>PEN 4.253       | PEN 3.794<br>PEN 4.425       | PEN 3.905<br>PEN 4.417       | PEN 4.044<br>PEN 4.299       |
| Philippines                     |                                   |                 |                    |                              |                              |                              |                              |
| Manila                          | Philippine peso<br>= 100 centavos | B<br>S          | USD 1 =            | PHP 55.56                    | PHP 55.75                    | PHP 55.70                    | PHP 57.95                    |
|                                 |                                   |                 | USD 1 =            | PHP 56.15                    | PHP 56.25                    | PHP 56.20                    | PHP 58.45                    |
|                                 | PHP                               | B<br>S          | EUR 1 =<br>EUR 1 = | PHP 58.8623<br>PHP 61.6044   | PHP 60.7452<br>PHP 63.8701   | PHP 61.1923<br>PHP 64.2312   | PHP 61.8319<br>PHP 64.5992   |
| Poland                          |                                   |                 |                    |                              |                              |                              |                              |
| Warsaw                          | Polish zloty<br>= 100 groszy      | M<br>M          | USD 1 =            | PLN 4.2030                   | PLN 3.8644                   | PLN 3.8193                   | PLN 4.0059                   |
|                                 |                                   |                 | EUR 1 =            | PLN 4.5284                   | PLN 4.2798                   | PLN 4.2791                   | PLN 4.3530                   |
|                                 | PLN                               |                 |                    |                              |                              |                              |                              |
| Portugal                        |                                   |                 |                    |                              |                              |                              |                              |
| Lisbon                          | Euro<br>= 100 cent                | M               | EUR 1 =            | USD 1.0813                   | USD 1.1087                   | USD 1.1196                   | USD 1.0882                   |
|                                 |                                   |                 |                    |                              |                              |                              |                              |
|                                 | EUR                               |                 |                    |                              |                              |                              |                              |
| Qatar                           |                                   |                 |                    |                              |                              |                              |                              |
| Doha                            | Qatari riyal<br>= 100 dirham      | 2<br>V          | USD 1 =            | QAR 3.6400                   | QAR 3.6400                   | QAR 3.6400                   | QAR 3.6400                   |
|                                 |                                   |                 | EUR 1 =            | QAR 3.9416                   | QAR 4.0357                   | QAR 4.0753                   | QAR 3.9611                   |
|                                 | QAR                               |                 |                    |                              |                              |                              |                              |
| Romania                         |                                   |                 |                    |                              |                              |                              |                              |
| Bucharest                       | Romanian leu<br>= 100 kopecks     | M<br>M          | USD 1 =            | RON 4.5758                   | RON 4.4906                   | RON 4.4451                   | RON 4.5757                   |
|                                 |                                   |                 | EUR 1 =            | RON 4.9520                   | RON 4.9769                   | RON 4.9756                   | RON 4.9745                   |
|                                 | RON                               |                 |                    |                              |                              |                              |                              |
| Russian Federation              |                                   |                 |                    |                              |                              |                              |                              |
| Moscow                          | Russian rouble<br>= 100 kopecks   | M<br>3          | USD 1 =            | RUB 85.8116                  | RUB 91.1868                  | RUB 92.7126                  | RUB 97.0530                  |
|                                 |                                   |                 | EUR 1 =            | RUB 92.7583                  | RUB 100.7622                 | RUB 103.4694                 | RUB 105.2211                 |
|                                 | RUB                               |                 |                    |                              |                              |                              |                              |

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

the US dollar. <sup>3</sup> 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 <sup>1</sup><br>Capital              | Currency<br>ISO currency code                  | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                 |                 |
|----------------------------------------------|------------------------------------------------|-----------------|---------|------------------------|----------------------|-----------------|-----------------|
|                                              |                                                |                 |         |                        | August 2024          | September 2024  | October 2024    |
| Rwanda                                       |                                                |                 |         |                        |                      |                 |                 |
| Kigali                                       | Rwanda franc<br>= 100 centimes                 | B               | USD 1 = | RWF 1,152.11758        | RWF 1,321.60087      | RWF 1,332.63077 | RWF 1,348.15807 |
|                                              |                                                | S               | USD 1 = | RWF 1,175.15760        | RWF 1,348.03022      | RWF 1,359.28069 | RWF 1,375.11851 |
|                                              | RWF                                            | B               | EUR 1 = | RWF 1,249.90752        | RWF 1,463.40864      | RWF 1,487.41583 | RWF 1,462.41447 |
|                                              |                                                | S               | EUR 1 = | RWF 1,274.90315        | RWF 1,492.67386      | RWF 1,517.16114 | RWF 1,491.65980 |
| Saint Helena, Ascension and Tristan da Cunha |                                                |                 |         |                        |                      |                 |                 |
| Jamestown                                    | Saint Helena pound <sup>2</sup><br>= 100 pence | V               | USD 1 = | SHP 0.80439            | SHP 0.75873          | SHP 0.74619     | SHP 0.76965     |
|                                              | SHP                                            | V               | EUR 1 = | SHP 0.86979            | SHP 0.84120          | SHP 0.83543     | SHP 0.83753     |
| Saint Kitts and Nevis                        |                                                |                 |         |                        |                      |                 |                 |
| Basseterre                                   | East Caribbean dollar<br>= 100 cents           | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882      | XCD 2.6882      |
|                                              |                                                | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169      | XCD 2.7169      |
|                                              | XCD                                            | V, B            | EUR 1 = | XCD 2.9068             | XCD 2.9804           | XCD 3.0097      | XCD 2.9253      |
|                                              |                                                | V, S            | EUR 1 = | XCD 2.9378             | XCD 3.0122           | XCD 3.0418      | XCD 2.9565      |
| Saint Lucia                                  |                                                |                 |         |                        |                      |                 |                 |
| Castries                                     | East Caribbean dollar<br>= 100 cents           | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882      | XCD 2.6882      |
|                                              |                                                | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169      | XCD 2.7169      |
|                                              | XCD                                            | V, B            | EUR 1 = | XCD 2.9068             | XCD 2.9804           | XCD 3.0097      | XCD 2.9253      |
|                                              |                                                | V, S            | EUR 1 = | XCD 2.9378             | XCD 3.0122           | XCD 3.0418      | XCD 2.9565      |
| Saint Vincent and the Grenadines             |                                                |                 |         |                        |                      |                 |                 |
| Kingstown                                    | East Caribbean dollar<br>= 100 cents           | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882      | XCD 2.6882      |
|                                              |                                                | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169      | XCD 2.7169      |
|                                              | XCD                                            | V, B            | EUR 1 = | XCD 2.9068             | XCD 2.9804           | XCD 3.0097      | XCD 2.9253      |
|                                              |                                                | V, S            | EUR 1 = | XCD 2.9378             | XCD 3.0122           | XCD 3.0418      | XCD 2.9565      |
| Samoa                                        |                                                |                 |         |                        |                      |                 |                 |
| Apia                                         | Tala<br>= 100 sene                             | M               | WST 1 = | USD 0.36488            | USD 0.36897          | USD 0.37142     | USD 0.35993     |
|                                              | WST                                            | M               | WST 1 = | EUR 0.33646            | EUR 0.33299          | EUR 0.33279     | EUR 0.33152     |
| Sao Tome and Principe                        |                                                |                 |         |                        |                      |                 |                 |
| São Tomé                                     | Dobra<br>= 100 cêntimos                        | B               | USD 1 = | STN 22.5869            | STN 22.0960          | STN 21.9632     | STN 22.6537     |
|                                              |                                                | S               | USD 1 = | STN 22.9257            | STN 22.4274          | STN 22.2927     | STN 22.9935     |
|                                              | STN                                            | 4               | EUR 1 = | STN 24.5000            | STN 24.5000          | STN 24.5000     | STN 24.5000     |
| Saudi Arabia                                 |                                                |                 |         |                        |                      |                 |                 |
| Riyadh                                       | Saudi riyal<br>= 100 halalah<br><br>SAR        | <sup>3</sup>    | USD 1 = | SAR 3.75               | SAR 3.75             | SAR 3.75        | SAR 3.75        |
|                                              |                                                | V               | EUR 1 = | SAR 4.05476            | SAR 4.15763          | SAR 4.19850     | SAR 4.08075     |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code                   | Type of<br>rate | Unit         | Annual average<br>2023 | Rate at end of month |                |              |
|---------------------------------|-------------------------------------------------|-----------------|--------------|------------------------|----------------------|----------------|--------------|
|                                 |                                                 |                 |              |                        | August 2024          | September 2024 | October 2024 |
| Senegal <sup>1</sup>            |                                                 |                 |              |                        |                      |                |              |
| Dakar                           | CFA franc                                       | B<br>S          | USD 1 =      | XOF 601.85             | XOF 588.00           | XOF 582.75     | XOF 600.50   |
|                                 | USD 1 =                                         |                 | XOF 608.85   | XOF 595.00             | XOF 589.75           | XOF 607.50     |              |
|                                 | XOF                                             | 2               | EUR 1 =      | XOF 655.957            | XOF 655.957          | XOF 655.957    | XOF 655.957  |
| Serbia                          |                                                 |                 |              |                        |                      |                |              |
| Belgrade                        | Serbian dinar<br>= 100 para                     | B<br>S          | USD 1 =      | RSD 107.8157           | RSD 105.3274         | RSD 104.5524   | RSD 107.4954 |
|                                 | USD 1 =                                         |                 | RSD 108.4645 | RSD 105.9612           | RSD 105.1816         | RSD 108.1424   |              |
|                                 | RSD                                             | B<br>S          | EUR 1 =      | RSD 116.8967           | RSD 116.6711         | RSD 116.7327   | RSD 116.6755 |
|                                 |                                                 |                 | EUR 1 =      | RSD 117.6001           | RSD 117.3733         | RSD 117.4353   | RSD 117.3777 |
| Seychelles                      |                                                 |                 |              |                        |                      |                |              |
| Victoria                        | Seychelles rupee<br>= 100 cents                 | B<br>S          | USD 1 =      | SCR 13.7626            | SCR 14.2006          | SCR 14.4416    | SCR 14.5142  |
|                                 | USD 1 =                                         |                 | SCR 14.1907  | SCR 14.7736            | SCR 14.7522          | SCR 14.9071    |              |
|                                 | SCR                                             | B<br>S          | EUR 1 =      | SCR 14.8107            | SCR 16.1583          | SCR 15.9960    | SCR 15.6491  |
|                                 |                                                 |                 | EUR 1 =      | SCR 15.4809            | SCR 16.5318          | SCR 16.5388    | SCR 16.2190  |
| Sierra Leone                    |                                                 |                 |              |                        |                      |                |              |
| Freetown                        | Leone<br>= 100 cents                            | M<br>M          | USD 1 =      | SLE 21.54000           | SLE 22.55725         | SLE 22.57725   | SLE 22.58470 |
|                                 | EUR 1 =                                         |                 | SLE 23.31984 | SLE 25.00275           | SLE 25.27120         | SLE 24.52290   |              |
|                                 | SLE                                             |                 |              |                        |                      |                |              |
| Singapore <sup>1</sup>          |                                                 |                 |              |                        |                      |                |              |
| Singapore                       | Singapore dollar<br>= 100 cents                 | M<br>M          | USD 1 =      | SGD 1.3406             | SGD 1.3032           | SGD 1.2806     | SGD 1.3253   |
|                                 | EUR 1 =                                         |                 | SGD 1.4538   | SGD 1.4430             | SGD 1.4290           | SGD 1.4332     |              |
|                                 | SGD                                             |                 |              |                        |                      |                |              |
| Sint Maarten (southern part)    |                                                 |                 |              |                        |                      |                |              |
| Philipsburg                     | Netherlands Antillean<br>guilder<br>= 100 cents | 3 B<br>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<br>S          | EUR 100 =    | ANG 192.90             | ANG 197.36           | ANG 199.35     | ANG 193.49   |
|                                 |                                                 |                 | EUR 100 =    | ANG 196.79             | ANG 201.34           | ANG 203.37     | ANG 197.39   |
| Slovakia                        |                                                 |                 |              |                        |                      |                |              |
| Bratislava                      | Euro<br>= 100 cent                              | M               | EUR 1 =      | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882   |
|                                 |                                                 |                 |              |                        |                      |                |              |
|                                 | EUR                                             |                 |              |                        |                      |                |              |
| Slovenia                        |                                                 |                 |              |                        |                      |                |              |
| Ljubljana                       | Euro<br>= 100 cent                              | M               | EUR 1 =      | USD 1.0813             | USD 1.1087           | USD 1.1196     | USD 1.0882   |
|                                 |                                                 |                 |              |                        |                      |                |              |
|                                 | EUR                                             |                 |              |                        |                      |                |              |
| Solomon Islands                 |                                                 |                 |              |                        |                      |                |              |
| Honiara                         | Solomon Islands dollar<br>= 100 cents           | M<br>M          | SBD 1 =      | USD 0.1193             | USD 0.1192           | USD 0.1206     | USD 0.1193   |
|                                 | SBD 1 =                                         |                 | EUR 0.11007  | EUR 0.10750            | EUR 0.10810          | EUR 0.10990    |              |
|                                 | SBD                                             |                 |              |                        |                      |                |              |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital                 | Currency<br>ISO currency code          | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                 |                 |
|-------------------------------------------------|----------------------------------------|-----------------|---------|------------------------|----------------------|-----------------|-----------------|
|                                                 |                                        |                 |         |                        | August 2024          | September 2024  | October 2024    |
| Somalia <sup>1</sup>                            |                                        |                 |         |                        |                      |                 |                 |
| Mogadishu                                       | Somali shilling                        | M               | USD 1 = | .                      | .                    | .               | .               |
|                                                 | SOS                                    | M               | EUR 1 = | .                      | .                    | .               | .               |
| South Africa                                    |                                        |                 |         |                        |                      |                 |                 |
| Pretoria<br>Seat of<br>parliament:<br>Cape Town | South African rand<br>= 100 cents      | B               | USD 1 = | ZAR 18.2542            | ZAR 17.5017          | ZAR 17.0477     | ZAR 17.4652     |
|                                                 |                                        | S               | USD 1 = | ZAR 18.6240            | ZAR 17.8711          | ZAR 17.4141     | ZAR 17.8319     |
|                                                 | ZAR                                    | B               | EUR 1 = | ZAR 19.6917            | ZAR 19.2575          | ZAR 18.9260     | ZAR 18.8448     |
|                                                 |                                        | S               | EUR 1 = | ZAR 20.3482            | ZAR 19.9148          | ZAR 19.5775     | ZAR 19.4907     |
| South Sudan                                     |                                        |                 |         |                        |                      |                 |                 |
| Juba                                            | South Sudanese pound<br>= 100 piastres | M               | USD 1 = | SSP 945.9889           | SSP 2,993.5677       | SSP 3,156.7243  | SSP 3,281.3166  |
|                                                 | SSP                                    | M               | EUR 1 = | SSP 1,025.32653        | SSP 3,321.36790      | SSP 3,530.16955 | SSP 3,557.76995 |
| Spain                                           |                                        |                 |         |                        |                      |                 |                 |
| Madrid                                          | Euro<br>= 100 cent                     | M               | EUR 1 = | USD 1.0813             | USD 1.1087           | USD 1.1196      | USD 1.0882      |
|                                                 | EUR                                    |                 |         |                        |                      |                 |                 |
| Sri Lanka                                       |                                        |                 |         |                        |                      |                 |                 |
| Colombo                                         | Sri Lanka rupee<br>= 100 cents         | B               | USD 1 = | LKR 322.6446           | LKR 295.3866         | LKR 293.5054    | LKR 289.0630    |
|                                                 |                                        | S               | USD 1 = | LKR 335.1466           | LKR 304.5824         | LKR 302.5647    | LKR 298.1487    |
|                                                 | LKR                                    | B               | EUR 1 = | LKR 348.3617           | LKR 325.4653         | LKR 325.8904    | LKR 311.2012    |
|                                                 |                                        | S               | EUR 1 = | LKR 365.0789           | LKR 339.0292         | LKR 339.3060    | LKR 324.1502    |
| Sudan                                           |                                        |                 |         |                        |                      |                 |                 |
| Khartoum                                        | Sudanese pound<br>= 100 piastres       | B               | USD 1 = | SDG 640.22             | SDG 1,950.00         | SDG 1,982.00    | SDG 1,987.00    |
|                                                 |                                        | S               | USD 1 = | SDG 646.02             | SDG 1,964.63         | SDG 1,996.87    | SDG 2,001.91    |
|                                                 | SDG                                    | B               | EUR 1 = | SDG 678.75             | SDG 2,093.82         | SDG 2,150.55    | SDG 2,094.79    |
|                                                 |                                        | S               | EUR 1 = | SDG 689.42             | SDG 2,130.84         | SDG 2,188.57    | SDG 2,131.84    |
| Suriname                                        |                                        |                 |         |                        |                      |                 |                 |
| Paramaribo                                      | Suriname dollar<br>= 100 cents         | B               | USD 1 = | SRD 36.758             | SRD 28.921           | SRD 30.528      | SRD 34.444      |
|                                                 |                                        | S               | USD 1 = | SRD 37.032             | SRD 29.161           | SRD 31.082      | SRD 34.961      |
|                                                 | SRD                                    | B               | EUR 1 = | SRD 39.318             | SRD 31.875           | SRD 33.981      | SRD 37.117      |
|                                                 |                                        | S               | EUR 1 = | SRD 39.797             | SRD 32.307           | SRD 34.574      | SRD 37.429      |
| Sweden                                          |                                        |                 |         |                        |                      |                 |                 |
| Stockholm                                       | Swedish krona<br>= 100 öre             | M               | USD 1 = | SEK 10.61284           | SEK 10.22414         | SEK 10.09289    | SEK 10.68811    |
|                                                 | SEK                                    | M               | EUR 1 = | SEK 11.4692            | SEK 11.3355          | SEK 11.3000     | SEK 11.6308     |

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> 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 <sup>1</sup><br>Capital                   | Currency<br>ISO currency code             | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month    |                         |                         |
|---------------------------------------------------|-------------------------------------------|-----------------|---------|------------------------|-------------------------|-------------------------|-------------------------|
|                                                   |                                           |                 |         |                        | August 2024             | September 2024          | October 2024            |
| Switzerland                                       |                                           |                 |         |                        |                         |                         |                         |
| Berne                                             | Swiss franc<br>= 100 rappen/centimes      | B               | USD 1 = | CHF 0.8988             | CHF 0.8485              | CHF 0.8433              | CHF 0.8653              |
|                                                   |                                           | B               | EUR 1 = | CHF 0.9716             | CHF 0.9401              | CHF 0.9448              | CHF 0.9402              |
|                                                   | CHF                                       |                 |         |                        |                         |                         |                         |
| Syrian Arab Republic                              |                                           |                 |         |                        |                         |                         |                         |
| Damascus                                          | Syrian pound<br>= 100 piastres            | B               | USD 1 = | SYP 7,833.33           | SYP 13,600.00           | SYP 13,600.00           | SYP 13,600.00           |
|                                                   |                                           | S               | USD 1 = | SYP 7,911.67           | SYP 13,736.00           | SYP 13,736.00           | SYP 13,736.00           |
|                                                   | SYP                                       | B               | EUR 1 = | SYP 8,490.03           | SYP 15,142.24           | SYP 15,180.32           | SYP 14,754.64           |
|                                                   |                                           | S               | EUR 1 = | SYP 8,574.93           | SYP 15,293.66           | SYP 15,332.12           | SYP 14,902.19           |
| Tajikistan                                        |                                           |                 |         |                        |                         |                         |                         |
| Dushanbe                                          | Somoni<br>= 100 diram                     | M               | USD 1 = | TJS 10.8587            | TJS 10.6776             | TJS 10.6506             | TJS 10.6549             |
|                                                   |                                           | M               | EUR 1 = | TJS 11.7744            | TJS 11.8361             | TJS 11.8882             | TJS 11.5425             |
| TJS                                               |                                           |                 |         |                        |                         |                         |                         |
| Tanzania, United Republic of                      |                                           |                 |         |                        |                         |                         |                         |
| Dodoma<br>Seat of<br>government:<br>Dar es Salaam | Tanzania shilling<br>= 100 cents          | B               | USD 1 = | TZS 2,379.0330         | TZS 2,668.3168          | TZS 2,704.9505          | TZS 2,679.7327          |
|                                                   |                                           | S               | USD 1 = | TZS 2,402.8233         | TZS 2,695.0000          | TZS 2,732.0000          | TZS 2,706.5300          |
|                                                   | TZS                                       | B               | EUR 1 = | TZS 2,580.2965         | TZS 2,955.6946          | TZS 3,024.9461          | TZS 2,902.4185          |
|                                                   |                                           | S               | EUR 1 = | TZS 2,606.7667         | TZS 2,985.5210          | TZS 3,055.4688          | TZS 2,931.7133          |
| Thailand                                          |                                           |                 |         |                        |                         |                         |                         |
| Bangkok                                           | Thai baht<br>= 100 satang                 | B               | USD 1 = | THB 34.5912            | THB 33.8047             | THB 32.1264             | THB 33.5901             |
|                                                   |                                           | S               | USD 1 = | THB 34.9173            | THB 34.1297             | THB 32.4563             | THB 33.9135             |
|                                                   | THB                                       | B               | EUR 1 = | THB 37.3372            | THB 37.2566             | THB 35.6787             | THB 36.2822             |
|                                                   |                                           | S               | EUR 1 = | THB 38.0687            | THB 37.9820             | THB 36.4028             | THB 36.9639             |
| Togo <sup>1</sup>                                 |                                           |                 |         |                        |                         |                         |                         |
| Lomé                                              | CFA franc                                 | B               | USD 1 = | XOF 601.85             | XOF 588.00              | XOF 582.75              | XOF 600.50              |
|                                                   |                                           | S               | USD 1 = | XOF 608.85             | XOF 595.00              | XOF 589.75              | XOF 607.50              |
|                                                   | XOF                                       | 2               | EUR 1 = | XOF 655.957            | XOF 655.957             | XOF 655.957             | XOF 655.957             |
| Tonga                                             |                                           |                 |         |                        |                         |                         |                         |
| Nuku'alofa                                        | Pa'anga<br>= 100 seniti                   | M               | TOP 1 = | USD 0.4234             | USD 0.4268              | USD 0.4293              | USD 0.4200              |
|                                                   |                                           | M               | TOP 1 = | EUR 0.3891             | EUR 0.3852              | EUR 0.3845              | EUR 0.3866              |
| TOP                                               |                                           |                 |         |                        |                         |                         |                         |
| Trinidad and Tobago                               |                                           |                 |         |                        |                         |                         |                         |
| Port-of-Spain                                     | Trinidad and Tobago dollar<br>= 100 cents | B               | USD 1 = | TTD 6.7043             | TTD 6.6870              | TTD 6.7029              | TTD 6.6842              |
|                                                   |                                           | S               | USD 1 = | TTD 6.7708             | TTD 6.7671              | TTD 6.7750              | TTD 6.7775              |
|                                                   | TTD                                       | B               | EUR 1 = | TTD 7.2901             | TTD 7.4139 <sup>v</sup> | TTD 7.5046 <sup>v</sup> | TTD 7.2738 <sup>v</sup> |
|                                                   |                                           | S               | EUR 1 = | TTD 7.8575             | TTD 7.5027 <sup>v</sup> | TTD 7.5853 <sup>v</sup> | TTD 7.3753 <sup>v</sup> |

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

#### IV. Overview of world currencies \*

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

| Country <sup>1</sup><br>Capital   | Currency<br>ISO currency code             | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                |              |
|-----------------------------------|-------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|--------------|
|                                   |                                           |                 |         |                        | August 2024          | September 2024 | October 2024 |
| Tunisia                           |                                           |                 |         |                        |                      |                |              |
| Tunis                             | Tunisian dinar<br>= 1,000 millimes        | B               | USD 1 = | TND 3.0933             | TND 3.0524           | TND 3.0306     | TND 3.1041   |
|                                   |                                           | S               | USD 1 = | TND 3.0964             | TND 3.0554           | TND 3.0337     | TND 3.1073   |
|                                   | TND                                       | B               | EUR 1 = | TND 3.3506             | TND 3.3822           | TND 3.3870     | TND 3.3691   |
|                                   |                                           | S               | EUR 1 = | TND 3.3539             | TND 3.3855           | TND 3.3903     | TND 3.3724   |
| Turkey                            |                                           |                 |         |                        |                      |                |              |
| Ankara                            | Turkish lira<br>= 100 kuruş               | B               | USD 1 = | TRY 23.7311            | TRY 33.9626          | TRY 34.0900    | TRY 34.2095  |
|                                   |                                           | S               | USD 1 = | TRY 23.7738            | TRY 34.0238          | TRY 34.1514    | TRY 34.2711  |
|                                   | TRY                                       | B               | EUR 1 = | TRY 26.1530            | TRY 37.6723          | TRY 38.0180    | TRY 37.0474  |
|                                   |                                           | S               | EUR 1 = | TRY 26.2002            | TRY 37.7402          | TRY 38.0865    | TRY 37.1142  |
| Turkmenistan <sup>1</sup>         |                                           |                 |         |                        |                      |                |              |
| Ashgabat                          | Turkmen manat<br>= 100 tenge              | 2               | USD 1 = | TMT 3.50               | TMT 3.50             | TMT 3.50       | TMT 3.50     |
|                                   |                                           | M               | EUR 1 = | TMT 3.7926             | TMT 3.8784           | TMT 3.9071     | TMT 3.7933   |
| Uganda                            |                                           |                 |         |                        |                      |                |              |
| Kampala                           | Uganda shilling                           | B               | USD 1 = | UGX 3,729.77           | UGX 3,710.82         | UGX 3,686.77   | UGX 3,659.68 |
|                                   |                                           | S               | USD 1 = | UGX 3,739.74           | UGX 3,720.82         | UGX 3,696.77   | UGX 3,669.68 |
|                                   | UGX                                       | B               | EUR 1 = | UGX 4,041.70           | UGX 4,110.48         | UGX 4,115.54   | UGX 3,971.48 |
|                                   |                                           | S               | EUR 1 = | UGX 4,052.49           | UGX 4,121.55         | UGX 4,126.70   | UGX 3,982.34 |
| Ukraine                           |                                           |                 |         |                        |                      |                |              |
| Kyiv                              | Hryvnia<br>= 100 kopiyok                  | M               | USD 1 = | UAH 36.5670            | UAH 41.1901          | UAH 41.1664    | UAH 41.2790  |
|                                   |                                           | M               | EUR 1 = | UAH 39.5387            | UAH 45.7045          | UAH 45.9541    | UAH 44.6350  |
| United Arab Emirates <sup>1</sup> |                                           |                 |         |                        |                      |                |              |
| Abu Dhabi                         | United Arab Emirates dirham<br>= 100 fils | 2               | USD 1 = | AED 3.6725             | AED 3.6725           | AED 3.6725     | AED 3.6725   |
|                                   |                                           | V               | EUR 1 = | AED 3.9710             | AED 4.0717           | AED 4.1117     | AED 3.9964   |
| United Kingdom <sup>1</sup>       |                                           |                 |         |                        |                      |                |              |
| London                            | Pound sterling<br>= 100 pence             | M               | GBP 1 = | USD 1.2434             | USD 1.3144           | USD 1.3413     | USD 1.2856   |
|                                   |                                           | M               | EUR 1 = | GBP 0.8679             | GBP 0.8421           | GBP 0.8319     | GBP 0.8444   |
| United States                     |                                           |                 |         |                        |                      |                |              |
| Washington                        | US dollar<br>= 100 cents                  | M               | EUR 1 = | USD 1.0816             | USD 1.1047           | USD 1.1134     | USD 1.0883   |
|                                   |                                           | M               | GBP 1 = | USD 1.2438             | USD 1.3126           | USD 1.3370     | USD 1.2898   |
| USD                               |                                           |                 |         |                        |                      |                |              |

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

#### IV. Overview of world currencies \*

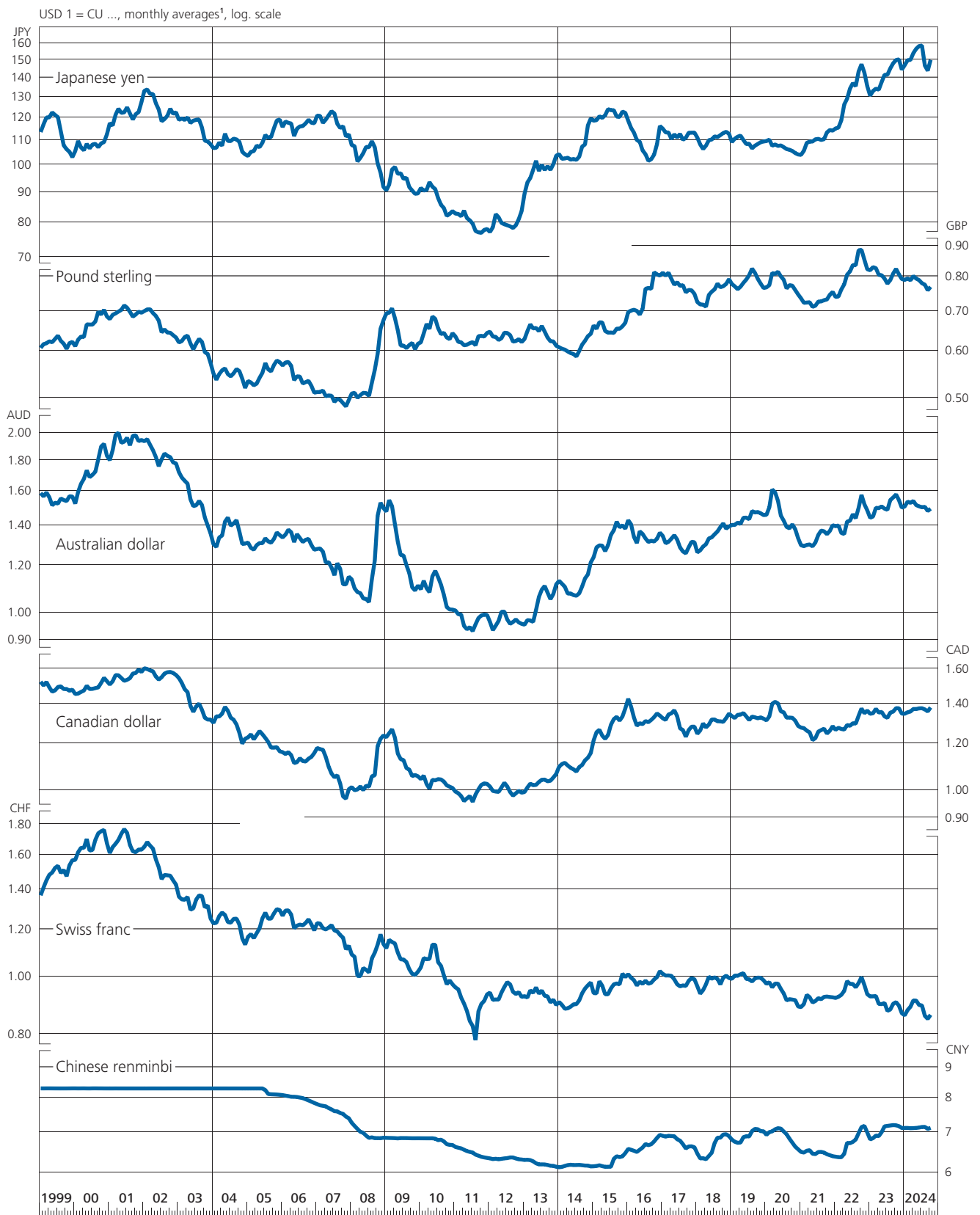
##### 1. Currencies and exchange rates in individual countries (cont'd)

| Country <sup>1</sup><br>Capital                | Currency<br>ISO currency code                                               | Type of<br>rate | Unit    | Annual average<br>2023 | Rate at end of month |                          |               |
|------------------------------------------------|-----------------------------------------------------------------------------|-----------------|---------|------------------------|----------------------|--------------------------|---------------|
|                                                |                                                                             |                 |         |                        | August 2024          | September 2024           | October 2024  |
| Uruguay                                        |                                                                             |                 |         |                        |                      |                          |               |
| Montevideo                                     | Uruguayan peso<br>= 100 centésimos<br><br>UYU                               | M               | USD 1 = | UYU 38.820             | UYU 40.335           | UYU 41.640               | UYU 41.649    |
|                                                |                                                                             | M               | EUR 1 = | UYU 41.9776            | UYU 44.5742          | UYU 46.3370              | UYU 45.2808   |
| Uzbekistan                                     |                                                                             |                 |         |                        |                      |                          |               |
| Tashkent                                       | Uzbekistan sum<br>= 100 tiyin<br><br>UZS                                    | M               | USD 1 = | UZS 11,757.77          | UZS 12,625.01        | UZS 12,715.42            | UZS 12,774.34 |
|                                                |                                                                             | M               | EUR 1 = | UZS 12,743.17          | UZS 14,006.19        | UZS 14,190.41            | UZS 13,848.66 |
| Vanuatu                                        |                                                                             |                 |         |                        |                      |                          |               |
| Port Vila                                      | Vatu<br><br><br>VUV                                                         | B               | USD 1 = | VUV 116.52             | VUV 114.84           | VUV 113.82               | VUV 117.42    |
|                                                |                                                                             | S               | USD 1 = | VUV 123.93             | VUV 122.15           | VUV 121.06               | VUV 124.89    |
|                                                |                                                                             | B               | EUR 1 = | VUV 127.43             | VUV 128.20           | VUV 128.02               | VUV 128.46    |
|                                                |                                                                             | S               | EUR 1 = | VUV 132.58             | VUV 133.38           | VUV 133.19               | VUV 133.65    |
| Venezuela, Bolivarian Republic of <sup>1</sup> |                                                                             |                 |         |                        |                      |                          |               |
| Caracas                                        | Bolívar<br>= 100 céntimos<br><br><br>VES                                    | B               | USD 1 = | VES 29.372959          | VES 36.553787        | VES 36.830393            | VES 42.603325 |
|                                                |                                                                             | S               | USD 1 = | VES 29.446575          | VES 36.645400        | VES 36.922700            | VES 42.710100 |
|                                                |                                                                             | B               | EUR 1 = | VES 31.814808          | VES 40.463945        | VES 41.083935            | VES 46.250595 |
|                                                |                                                                             | S               | EUR 1 = | VES 31.894545          | VES 40.565358        | VES 41.186903            | VES 46.366512 |
| Viet Nam                                       |                                                                             |                 |         |                        |                      |                          |               |
| Hanoi                                          | Dong<br>= 10 hào<br>= 100 xu<br><br>VND                                     | B               | USD 1 = | VND 23,691             | VND 24,690           | VND 24,400               | VND 25,115    |
|                                                |                                                                             | S               | USD 1 = | VND 24,031             | VND 25,030           | VND 24,740               | VND 25,455    |
|                                                |                                                                             | B               | EUR 1 = | VND 25,458.88          | VND 27,103.86        | VND 26,982.00            | VND 27,019.13 |
|                                                |                                                                             | S               | EUR 1 = | VND 26,607.00          | VND 28,327.84        | VND 28,178.34            | VND 28,215.80 |
| Yemen <sup>1</sup>                             |                                                                             |                 |         |                        |                      |                          |               |
| Sana'a                                         | Yemeni rial<br>= 100 fils<br><br><br>YER                                    | B               | USD 1 = | .                      | .                    | .                        | .             |
|                                                |                                                                             | S               | USD 1 = | .                      | .                    | .                        | .             |
|                                                |                                                                             | B               | EUR 1 = | .                      | .                    | .                        | .             |
|                                                |                                                                             | S               | EUR 1 = | .                      | .                    | .                        | .             |
| Zambia                                         |                                                                             |                 |         |                        |                      |                          |               |
| Lusaka                                         | Kwacha<br>= 100 ngwee<br><br><br>ZMW                                        | B               | USD 1 = | ZMW 20.5262            | ZMW 26.0744          | ZMW 26.4574              | ZMW 26.7318   |
|                                                |                                                                             | S               | USD 1 = | ZMW 20.5739            | ZMW 26.1244          | ZMW 26.5074              | ZMW 26.7818   |
|                                                |                                                                             | B               | EUR 1 = | ZMW 22.2386            | ZMW 28.8488          | ZMW 29.5397              | ZMW 29.0708   |
|                                                |                                                                             | S               | EUR 1 = | ZMW 22.2959            | ZMW 28.9067          | ZMW 29.5982              | ZMW 29.1279   |
| Zimbabwe <sup>1</sup>                          |                                                                             |                 |         |                        |                      |                          |               |
| Harare                                         | Zimbabwe dollar /<br>Zimbabwe gold<br>= 100 cents<br>ZWL / ZWG <sup>1</sup> | M               | USD 1 = | ZWL 3,680.5195         | ZWG 13.8546          | ZWG 24.8831 <sup>1</sup> | ZWG 28.6802   |
|                                                |                                                                             | M               | EUR 1 = | ZWL 3,991.7540         | ZWG 15.3447          | ZWG 27.7882 <sup>1</sup> | ZWG 31.1195   |

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

#### IV. Overview of world currencies\*

##### 2. Exchange rates of the US dollar against major currencies



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

#### IV. Overview of world currencies

##### 3. Currencies in selected territories and states in which the currency of another country is legal tender

| Country or territory       | Currency              | Country or territory                  | Currency                       |
|----------------------------|-----------------------|---------------------------------------|--------------------------------|
| Åland Islands              | Euro                  | Madeira                               | Euro                           |
| Alhucemas                  | Euro                  | Marie-Galante                         | Euro                           |
| American Samoa             | US dollar             | Marshall Islands                      | US dollar                      |
| Andaman Islands            | Indian rupee          | Martinique                            | Euro                           |
| Andorra <sup>1</sup>       | Euro                  | Mayotte                               | Euro                           |
| Anguilla                   | East Caribbean dollar | Melilla                               | Euro                           |
| Azores                     | Euro                  | Micronesia, Federated States of       | US dollar                      |
|                            |                       | Monaco <sup>1</sup>                   | Euro                           |
|                            |                       | Montenegro                            | Euro                           |
|                            |                       | Montserrat                            | East Caribbean dollar          |
|                            |                       | Mooréa                                | CFP franc                      |
| Baker Island               | US dollar             |                                       |                                |
| Balearics                  | Euro                  | Nauru                                 | Australian dollar              |
| Bali                       | Indonesian rupiah     | Newfoundland                          | Canadian dollar                |
| Bonaire                    | US dollar             | Nicobar Islands                       | Indian rupee                   |
| Bora-Bora                  | CFP franc             | Niue                                  | New Zealand dollar             |
| Borneo (northern part)     | Malaysian ringgit     | Norfolk Island                        | Australian dollar              |
| Borneo (southern part)     | Indonesian rupiah     | Northern Mariana Islands              | US dollar                      |
| British Virgin Islands     | US dollar             |                                       |                                |
|                            |                       | Palau                                 | US dollar                      |
| Canary Islands             | Euro                  | Pescadores                            | New Taiwan dollar              |
| Ceuta                      | Euro                  | Pitcairn Islands Group                | New Zealand dollar             |
| Chafarinas (Islands)       | Euro                  | Puerto Rico                           | US dollar                      |
| Christmas Island           | Australian dollar     |                                       |                                |
| Cocos Islands              | Australian dollar     | Réunion                               | Euro                           |
|                            |                       |                                       |                                |
| Désirade                   | Euro                  |                                       |                                |
|                            |                       | Saba                                  | US dollar                      |
| Easter Island              | Chilean peso          | Saint Barthélemy                      | Euro                           |
| Ecuador <sup>1</sup>       | US dollar             | Saint Eustatius                       | US dollar                      |
|                            |                       | Saint Martin (northern part)          | Euro                           |
| Faroe Islands <sup>1</sup> | Danish krone          | Saint Pierre and Miquelon             | Euro                           |
| (French) Guiana            | Euro                  | San Marino <sup>1</sup>               | Euro                           |
| French Polynesia           | CFP franc             | Spitzbergen/Spitsbergen               | Norwegian krone                |
|                            |                       | Sumatra                               | Indonesian rupiah              |
| Galapagos Islands          | US dollar             | Swan Islands                          | Honduran lempira               |
| Gozo (Island of)           | Euro                  |                                       |                                |
| Greenland                  | Danish krone          | Tahiti                                | CFP franc                      |
| Guadeloupe                 | Euro                  | Tibet                                 | Chinese renminbi               |
| Guam                       | US dollar             | Timor-Leste <sup>1</sup>              | US dollar                      |
| Guernsey <sup>1</sup>      | Pound sterling        | Tokelau                               | New Zealand dollar/Samoan tala |
|                            |                       | Turks and Caicos Islands <sup>1</sup> | US dollar                      |
| Howland Island             | US dollar             | Tuvalu <sup>1</sup>                   | Australian dollar              |
|                            |                       |                                       |                                |
| Isle of Man <sup>1</sup>   | Pound sterling        | Vatican City <sup>1</sup>             | Euro                           |
|                            |                       | Virgin Islands of the United States   | US dollar                      |
| Jarvis Island              | US dollar             |                                       |                                |
| Java                       | Indonesian rupiah     | Wallis and Futuna (Islands)           | CFP franc                      |
| Jersey <sup>1</sup>        | Pound sterling        | Western Sahara                        | Moroccan dirham                |
|                            |                       |                                       |                                |
| Kiribati <sup>1</sup>      | Australian dollar     |                                       |                                |
| Kosovo                     | Euro                  | Zanzibar (Island)                     | Tanzania shilling              |
|                            |                       |                                       |                                |
| Laccadive Islands          | Indian rupee          |                                       |                                |
| Les Saintes Islands        | Euro                  |                                       |                                |
| Liechtenstein              | Swiss franc           |                                       |                                |

Sources: Central banks and The Statesman's Yearbook. <sup>1</sup> Local currency is also in use.

## 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<br>USD | Euro<br>EUR | Chinese yuan<br>(renminbi)<br>CNY | Japanese yen<br>JPY | Pound sterling<br>GBP | Canadian dollar<br>CAD | Swiss franc<br>CHF | Danish krone<br>DKK | Norwegian<br>krone<br>NOK | Swedish krona<br>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 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              |
| May          | 1.32354          | 1.21963     | 9.58589                           | 207.333             | 1.040350              | 1.80491                | 1.19913            | 9.09695             | 13.88300                  | 13.9294              |
| June         | 1.31534          | 1.22872     | 9.55767                           | 211.705             | 1.039260              | 1.80031                | 1.18223            | 9.16322             | 14.00320                  | 13.9576              |
| July         | 1.32842          | 1.22684     | 9.59463                           | 202.451             | 1.034480              | 1.83442                | 1.17007            | 9.15483             | 14.49810                  | 14.2467              |
| Aug.         | 1.34661          | 1.21458     | 9.54153                           | 194.934             | 1.022290              | 1.81671                | 1.14327            | 9.05945             | 14.16440                  | 13.7679              |
| Sep.         | 1.35637          | 1.21148     | 9.51158                           | 193.486             | 1.011730              | 1.82910                | 1.14512            | 9.03277             | 14.25250                  | 13.6897              |
| Oct.         | 1.33163          | 1.22370     | 9.48074                           | 204.406             | 1.026110              | 1.84761                | 1.15253            | 9.19329             | 14.59510                  | 14.2195              |
| 2024 Sep. 24 | 1.35198          | 1.21439     | 9.51402                           | 194.280             | 1.011540              | 1.82085                | 1.14661            | 9.05584             | 14.10150                  | 13.7147              |
| 25           | 1.35411          | 1.20968     | 9.50561                           | 194.004             | 1.012990              | 1.82291                | 1.14998            | 9.02128             | 14.13380                  | 13.6827              |
| 26           | 1.35361          | 1.21346     | 9.50290                           | 195.692             | 1.011780              | 1.82386                | 1.14773            | 9.04904             | 14.30240                  | 13.7121              |
| 27           | 1.35499          | 1.21437     | 9.50191                           | 197.070             | 1.011980              | 1.82910                | 1.14361            | 9.05551             | 14.27790                  | 13.6896              |
| 30           | 1.35637          | 1.21148     | 9.51158                           | 193.486             | 1.011730              | .                      | 1.14512            | 9.03277             | 14.25250                  | 13.6897              |
| Oct. 1       | 1.35049          | 1.21819     | .                                 | 194.537             | 1.013540              | 1.82370                | 1.14366            | 9.08496             | 14.29000                  | 13.7832              |
| 2            | 1.34843          | 1.21798     | .                                 | 194.012             | 1.015580              | 1.81917                | 1.14401            | 9.08529             | 14.21810                  | 13.8235              |
| 3            | 1.34467          | 1.21811     | .                                 | 197.693             | 1.025020              | 1.82068                | 1.14364            | 9.08645             | 14.27560                  | 13.8389              |
| 4            | 1.34422          | 1.21880     | .                                 | 197.170             | 1.020860              | 1.82505                | 1.14487            | 9.08975             | 14.24110                  | 13.8182              |
| 7            | 1.33969          | 1.21989     | .                                 | 198.890             | 1.025520              | 1.82318                | 1.14865            | 9.09703             | 14.21900                  | 13.8653              |
| 8            | 1.34154          | 1.22158     | 9.45528                           | 198.334             | 1.023800              | 1.83214                | 1.14903            | 9.11037             | 14.27670                  | 13.8637              |
| 9            | 1.33984          | 1.22282     | 9.46468                           | 198.564             | 1.023370              | 1.83424                | 1.14831            | 9.12059             | 14.41210                  | 13.8937              |
| 10           | 1.33837          | 1.22427     | 9.46575                           | 199.791             | 1.022320              | 1.84079                | 1.14919            | 9.13209             | 14.43660                  | 13.9144              |
| 11           | 1.33818          | 1.22343     | 9.45814                           | 198.921             | 1.024530              | 1.84147                | 1.14810            | 9.12800             | 14.36220                  | 13.8908              |
| 15           | 1.33591          | 1.22527     | 9.51086                           | 199.879             | 1.021220              | 1.84422                | 1.15115            | 9.14177             | 14.41650                  | 13.8468              |
| 16           | 1.33476          | 1.22489     | 9.50056                           | 199.214             | 1.025560              | 1.83810                | 1.15097            | 9.13885             | 14.45550                  | 13.8976              |
| 17           | 1.33343          | 1.22716     | 9.50290                           | 199.414             | 1.024890              | 1.83866                | 1.15168            | 9.15516             | 14.57060                  | 14.0117              |
| 18           | 1.33318          | 1.22908     | 9.47688                           | 200.017             | 1.021790              | 1.84006                | 1.15467            | 9.16599             | 14.51730                  | 14.0367              |
| 21           | 1.33292          | 1.22815     | 9.48299                           | 198.978             | 1.023550              | 1.84409                | 1.15204            | 9.16045             | 14.53890                  | 14.0347              |
| 22           | 1.33107          | 1.23008     | 9.47903                           | 200.605             | 1.025750              | 1.84020                | 1.15230            | 9.17347             | 14.54320                  | 14.0235              |
| 23           | 1.32792          | 1.23332     | 9.46289                           | 201.087             | 1.023360              | 1.83824                | 1.15091            | 9.19845             | 14.61800                  | 14.0747              |
| 24           | 1.32967          | 1.23106     | 9.45600                           | 203.041             | 1.025070              | 1.84093                | 1.15076            | 9.18350             | 14.54570                  | 14.0575              |
| 25           | 1.33038          | 1.22899     | 9.47724                           | 202.311             | 1.024350              | 1.84550                | 1.15324            | 9.16935             | 14.52600                  | 14.0688              |
| 28           | 1.32969          | 1.22915     | 9.47966                           | 203.961             | 1.023590              | 1.84761                | 1.15178            | 9.16758             | 14.64160                  | 14.0995              |
| 29           | 1.32793          | 1.23254     | 9.48335                           | 203.068             | 1.022550              | .                      | 1.15271            | 9.19329             | 14.59510                  | 14.1951              |
| 30           | 1.32962          | 1.22942     | 9.47508                           | 203.791             | 1.025030              | .                      | 1.15364            | .                   | .                         | 14.2195              |
| 31           | 1.33163          | 1.22370     | 9.48074                           | 204.406             | 1.026110              | .                      | 1.15253            | .                   | .                         | .                    |
| Nov. 1       | 1.33128          | 1.22304     | 9.48407                           | 203.020             | 1.030360              | .                      | 1.15495            | .                   | .                         | .                    |
| 4            | 1.33475          | 1.22409     | 9.47517                           | .                   | 1.028510              | 1.85450                | 1.15082            | 9.12900             | 14.62370                  | 14.2540              |
| 5            | 1.33379          | 1.22400     | 9.47804                           | 203.229             | 1.026390              | 1.84783                | 1.14926            | 9.12925             | 14.63900                  | 14.2798              |
| 6            | 1.32233          | 1.23640     | 9.46522                           | 201.589             | 1.028370              | 1.84267                | 1.15929            | 9.21982             | 14.72430                  | 14.4059              |
| 7            | 1.32524          | 1.22878     | 9.49361                           | 204.882             | 1.026600              | 1.83757                | 1.16197            | 9.16347             | 14.43630                  | 14.2526              |
| 8            | 1.32743          | 1.23230     | 9.49641                           | 203.296             | 1.023740              | 1.84686                | 1.15606            | 9.18966             | 14.50840                  | 14.2823              |
| 11           | 1.32064          | 1.23992     | 9.49145                           | 202.190             | 1.024820              | .                      | 1.16117            | 9.24659             | 14.61430                  | 14.3732              |
| 12           | 1.31788          | 1.24129     | 9.53380                           | 202.677             | 1.027710              | 1.83765                | 1.16059            | 9.25892             | 14.57090                  | 14.3270              |
| 13           | 1.31811          | 1.24011     | 9.52308                           | 204.175             | 1.033450              | 1.84272                | 1.16310            | 9.25086             | 14.58920                  | 14.3722              |
| 14           | 1.31182          | 1.24544     | 9.49451                           | 204.185             | 1.036480              | 1.84009                | 1.16686            | 9.29005             | 14.64510                  | 14.4508              |

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

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<br>El Salvador<br>Marshall Islands<br>Micronesia, Federated States of<br>Palau<br>Panama<br>Timor-Leste                                                                                     | Andorra<br>Kosovo<br>Montenegro<br>San Marino                                                                                                                                                                                                                                           |               | Kiribati<br>Nauru<br>Tuvalu                       |                                                                                                                           |                               |                                                                                                           |
| Currency board                               | Djibouti<br>Hong Kong<br><br>ECCU 4<br><br>Antigua & Barbuda<br>Dominica<br>Grenada<br>Saint Kitts and Nevis<br>Saint Lucia<br>Saint Vincent and the Grenadines                                     | Bosnia and Herzegovina<br>Bulgaria 2                                                                                                                                                                                                                                                    |               | Brunei<br>Darussalam<br>Macao 3                   |                                                                                                                           |                               |                                                                                                           |
| Conventional peg                             | Aruba<br>Bahamas<br>Bahrain<br>Barbados<br>Belize<br>Curaçao and Sint Maarten (southern part)<br>Eritrea<br>Iraq<br>Jordan<br>Oman<br>Qatar<br>Saudi Arabia<br>Turkmenistan<br>United Arab Emirates | Cabo Verde<br>Comoros<br>Denmark 2<br>Sao Tome and Principe<br><br>WAEMU 6<br><br>Benin<br>Burkina Faso<br>Côte d'Ivoire<br>Guinea-Bissau<br>Mali<br>Niger<br>Senegal<br>Togo<br><br>CAEMC 7<br><br>Cameroon<br>Central African Republic<br>Chad<br>Congo<br>Equatorial Guinea<br>Gabon | Fiji<br>Libya | Bhutan<br>Eswatini<br>Lesotho<br>Namibia<br>Nepal | Samoa 5                                                                                                                   |                               |                                                                                                           |
| Stabilised arrangement                       | Cambodia<br>Guyana<br>Iran, Islamic Republic of<br>Lebanon<br>Maldives<br>Trinidad and Tobago                                                                                                       | Croatia 2<br>North Macedonia                                                                                                                                                                                                                                                            | Singapore     |                                                   | Bolivia, Plurinational State of 8<br>Nigeria 8<br>Papua New Guinea 8<br>Tajikistan 8,10<br>Tanzania, United Republic of 8 | Guatemala 8<br>Serbia 9       | Azerbaijan 8<br>Egypt 8,10<br>Kyrgyzstan 8<br>Malawi 8<br>Mongolia 10<br>Mozambique 8,10,11<br>Sudan 8,11 |
| Crawling peg                                 | Honduras<br>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. <sup>1</sup> Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. <sup>2</sup> The member participates in ERM II. <sup>3</sup> Macao was added to

the report this year. <sup>4</sup> The members participate in the Eastern Caribbean Currency Union. <sup>5</sup> The country maintains a de facto exchange rate anchor to a composite. <sup>6</sup> The members participate in the West African Economic and Monetary Union. <sup>7</sup> The members participate in the Central African Economic and Monetary Community. <sup>8</sup> 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 <sup>1</sup>                                                                                                                                                                                                                                                             |
|                           | Exchange rate anchor      |      |                                |       |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                |
|                           | US dollar                 | Euro | Composite                      | Other |                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                |
| Crawl-like-arrangement    |                           |      | Viet Nam <sup>8</sup>          |       | Afghanistan <sup>8</sup><br>Algeria <sup>8,12</sup><br>Bangladesh <sup>8</sup><br>Burundi <sup>8</sup><br>China <sup>5</sup><br>Congo, Democratic Republic of the <sup>8</sup><br>Ethiopia <sup>8</sup><br>Gambia <sup>8</sup><br>Guinea <sup>8</sup><br>Rwanda <sup>8</sup> | Dominican Republic <sup>8</sup><br>Ghana <sup>8</sup><br>Kenya <sup>8,11</sup><br>Romania <sup>9</sup><br>Sri Lanka <sup>8,13</sup><br>Uzbekistan <sup>8</sup>                                                                                                                                                                                                                                          | Argentina <sup>8</sup><br>Lao People's Democratic Republic <sup>8</sup><br>Mauritania <sup>8</sup><br>Mauritius <sup>8,10,11</sup><br>Solomon Islands <sup>5</sup><br>Switzerland <sup>9</sup><br>Tunisia <sup>9,10</sup>                                                      |
| Other managed arrangement |                           |      | Kuwait<br>Syrian Arab Republic |       | Liberia <sup>11</sup><br>Myanmar<br>Sierra Leone<br>Zimbabwe <sup>11,12</sup>                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                         | Haiti<br>South Sudan<br>Tonga<br>Vanuatu<br>Venezuela, Bolivarian Republic of                                                                                                                                                                                                  |
| Floating                  |                           |      |                                |       | Angola<br>Belarus<br>Madagascar<br>Suriname<br>Yemen                                                                                                                                                                                                                         | Albania<br>Armenia<br>Brazil <sup>13</sup><br>Colombia<br>Costa Rica<br>Czechia<br>Georgia<br>Hungary<br>Iceland<br>India <sup>13</sup><br>Indonesia <sup>13</sup><br>Israel<br>Jamaica<br>Kazakhstan<br>Korea, Republic of<br>Moldova, Republic of<br>New Zealand<br>Paraguay<br>Peru<br>Philippines<br>Seychelles<br>South Africa<br>Thailand <sup>13</sup><br>Turkey<br>Uganda<br>Ukraine<br>Uruguay | Malaysia<br>Pakistan <sup>10</sup><br>Zambia                                                                                                                                                                                                                                   |
| Free floating             |                           |      |                                |       |                                                                                                                                                                                                                                                                              | Australia<br>Canada<br>Chile<br>Japan<br>Mexico<br>Norway<br>Poland <sup>13</sup><br>Russian Federation<br>Sweden <sup>13</sup><br>United Kingdom                                                                                                                                                                                                                                                       | Somalia <sup>14</sup><br>United States<br><br>Euro area<br><br>Austria<br>Belgium<br>Cyprus<br>Estonia<br>Finland<br>France<br>Germany<br>Greece<br>Ireland<br>Italy<br>Latvia<br>Lithuania<br>Luxembourg<br>Malta<br>Netherlands<br>Portugal<br>Slovakia<br>Slovenia<br>Spain |

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

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

## VII. ISO currency codes \*

| ISO code | Currency                      | Country <sup>1</sup> or territory                                                               | ISO code | Currency               | Country <sup>1</sup> or territory                                                                                                                                                                                          | ISO code | Currency              | Country <sup>1</sup> 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                                                                                         |          |                        |                                                                                                                                                                                                                            | GYP      | Guyana dollar         | Guyana                                 |
| ANG      | Netherlands Antillean guilder | Curaçao<br>Sint Maarten (southern part)                                                         | DJF      | Djibouti franc         | Djibouti                                                                                                                                                                                                                   |          |                       |                                        |
| AOA      | Kwanza                        | Angola                                                                                          | DKK      | Danish krone           | Denmark<br>Faroe Islands<br>Greenland                                                                                                                                                                                      | HKD      | Hong Kong dollar      | Hong Kong                              |
| ARS      | Argentine peso                | Argentina                                                                                       | DOP      | Dominican peso         | Dominican Republic                                                                                                                                                                                                         | HNL      | Lempira               | Honduras                               |
| AUD      | Australian dollar             | Australia<br>Christmas Island<br>Cocos Islands<br>Kiribati<br>Nauru<br>Norfolk Island<br>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<br>Belgium<br>Croatia<br>Cyprus<br>Estonia<br>Finland<br>France<br>Germany<br>Greece<br>Ireland<br>Italy<br>Latvia<br>Lithuania<br>Luxembourg<br>Malta<br>Netherlands<br>Portugal<br>Slovakia<br>Slovenia<br>Spain | INR      | Indian rupee          | India<br>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<br>Liechtenstein                                                                    | GBP      | Pound sterling         | United Kingdom<br>Guernsey<br>Isle of Man<br>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 <sup>1</sup> or territory                                        | ISO code | Currency                   | Country <sup>1</sup> or territory                                                                                                                                                                                                         | ISO code     | Currency                         | Country <sup>1</sup> or territory                                                                                                                   |
|----------|-----------------------|--------------------------------------------------------------------------|----------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| MAD      | Moroccan dirham       | Morocco<br>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                                                                                                                                                                                                                                |              |                                  |                                                                                                                                                     |
| MKD      | North Macedonia denar | North Macedonia                                                          | SDG      | Sudanese pound             | Sudan                                                                                                                                                                                                                                     | VES          | Bolívar                          | Venezuela,<br>Bolivarian Republic of                                                                                                                |
| MMK      | Kyat                  | Myanmar                                                                  | SEK      | Swedish krona              | Sweden                                                                                                                                                                                                                                    | VND          | Dong                             | Viet Nam                                                                                                                                            |
| MNT      | Togrog                | Mongolia                                                                 | SGD      | Singapore dollar           | Singapore                                                                                                                                                                                                                                 | VUV          | Vatu                             | Vanuatu                                                                                                                                             |
| MOP      | Pataca                | Macao                                                                    | SHP      | Saint Helena pound         | Saint Helena, Ascension<br>and Tristan da Cunha                                                                                                                                                                                           |              |                                  |                                                                                                                                                     |
| MRU      | Ouguiya               | Mauritania                                                               | SLE      | Leone                      | Sierra Leone                                                                                                                                                                                                                              | WST          | Tala                             | Samoa                                                                                                                                               |
| MUR      | Mauritian rupee       | Mauritius                                                                | SOS      | Somali shilling            | Somalia                                                                                                                                                                                                                                   |              |                                  |                                                                                                                                                     |
| MVR      | Rufiyaa               | Maldives                                                                 | SRD      | Suriname dollar            | Suriname                                                                                                                                                                                                                                  | XAF          | CFA franc                        | Cameroon<br>Central African<br>Republic<br>Chad<br>Congo<br>Equatorial Guinea<br>Gabon                                                              |
| MWK      | Malawi kwacha         | Malawi                                                                   | SSP      | South Sudanese pound       | South Sudan                                                                                                                                                                                                                               |              |                                  |                                                                                                                                                     |
| MXN      | Mexican peso          | Mexico                                                                   | STN      | Dobra                      | Sao Tome and Principe                                                                                                                                                                                                                     |              |                                  |                                                                                                                                                     |
| MYR      | Malaysian ringgit     | Malaysia                                                                 | SVC      | El Salvador colón          | El Salvador                                                                                                                                                                                                                               |              |                                  |                                                                                                                                                     |
| MZN      | Metical               | Mozambique                                                               | SYF      | Syrian pound               | Syrian Arab Republic                                                                                                                                                                                                                      | XCD          | East Caribbean dollar            | Anguilla<br>Antigua and Barbuda<br>Dominica<br>Grenada<br>Montserrat<br>Saint Kitts and Nevis<br>Saint Lucia<br>Saint Vincent and<br>the Grenadines |
| NAD      | Namibia dollar        | Namibia                                                                  | SZL      | Lilangeni                  | Eswatini                                                                                                                                                                                                                                  |              |                                  |                                                                                                                                                     |
| NGN      | Naira                 | Nigeria                                                                  | THB      | Thai baht                  | Thailand                                                                                                                                                                                                                                  |              |                                  |                                                                                                                                                     |
| NIO      | Córdoba               | Nicaragua                                                                | TJS      | Somoni                     | Tajikistan                                                                                                                                                                                                                                | XOF          | CFA franc                        | Benin<br>Burkina Faso<br>Côte d'Ivoire<br>Guinea-Bissau<br>Mali<br>Niger<br>Senegal<br>Togo                                                         |
| NOK      | Norwegian krone       | Norway<br>Spitzbergen/<br>Spitsbergen                                    | TMT      | Turkmen manat              | Turkmenistan                                                                                                                                                                                                                              |              |                                  |                                                                                                                                                     |
| NPR      | Nepalese rupee        | Nepal                                                                    | TND      | Tunisian dinar             | Tunisia                                                                                                                                                                                                                                   |              |                                  |                                                                                                                                                     |
| NZD      | New Zealand dollar    | New Zealand<br>Cook Islands<br>Niue<br>Pitcairn Islands Group<br>Tokelau | TOP      | Pa'anga                    | Tonga                                                                                                                                                                                                                                     |              |                                  |                                                                                                                                                     |
|          |                       |                                                                          | TRY      | Turkish lira               | Turkey                                                                                                                                                                                                                                    |              |                                  |                                                                                                                                                     |
|          |                       |                                                                          | TTD      | Trinidad and Tobago dollar | Trinidad and Tobago                                                                                                                                                                                                                       | XPF          | CFP franc                        | New Caledonia<br>French Polynesia<br>Wallis and Futuna<br>(Islands)                                                                                 |
|          |                       |                                                                          | TWD      | New Taiwan dollar          | China (Taiwan)                                                                                                                                                                                                                            |              |                                  |                                                                                                                                                     |
| OMR      | Rial Omani            | Oman                                                                     | TZS      | Tanzania shilling          | Tanzania, United<br>Republic of                                                                                                                                                                                                           |              |                                  |                                                                                                                                                     |
| PAB      | Balboa                | Panama                                                                   |          |                            |                                                                                                                                                                                                                                           | YER          | Yemeni rial                      | Yemen                                                                                                                                               |
| PEN      | Sol                   | Peru                                                                     | UAH      | Hryvnia                    | Ukraine                                                                                                                                                                                                                                   | ZAR          | South African rand               | South Africa<br>Lesotho<br>Namibia                                                                                                                  |
| PGK      | Kina                  | Papua New Guinea                                                         | UGX      | Uganda shilling            | Uganda                                                                                                                                                                                                                                    |              |                                  |                                                                                                                                                     |
| PHP      | Philippine peso       | Philippines                                                              | USD      | US dollar                  | United States<br>American Samoa<br>Bonaire<br>British Virgin Islands<br>Ecuador<br>El Salvador<br>Guam<br>Marshall Islands<br>Micronesia, Federated<br>States of<br>Northern Mariana<br>Islands<br>Palau<br>Panama<br>Puerto Rico<br>Saba | ZMW          | Kwacha                           | Zambia                                                                                                                                              |
| PKR      | Pakistani rupee       | Pakistan                                                                 |          |                            |                                                                                                                                                                                                                                           | ZWL /<br>ZWG | Zimbabwe dollar<br>Zimbabwe gold | Zimbabwe <sup>1</sup>                                                                                                                               |
| 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?f184ad85cc2c5ccefd05680706893cde>).

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 in conjunction with ECB Statistical Paper Series No 49 of June 2024, which can be downloaded from the ECB's website ([www.ecb.europa.eu](http://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

## Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro°

Figures in %

As of September 2023

| Trading partner                                    | Calculation period for weights <sup>1</sup> |                           |              |              |              |              |                                     |                           |              |              |              |              |
|----------------------------------------------------|---------------------------------------------|---------------------------|--------------|--------------|--------------|--------------|-------------------------------------|---------------------------|--------------|--------------|--------------|--------------|
|                                                    | 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 <sup>1</sup>       |                           |              |              |              |              |                                     |                           |              |              |              |              |
|                                                    | Up to end of 1997                           | 1998 to 2000 <sup>2</sup> | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | From 2019    | Up to end of 1997                   | 1998 to 2000 <sup>2</sup> | 2010 to 2012 | 2013 to 2015 | 2016 to 2018 | From 2019    |
| <b>Broad EER group</b>                             |                                             |                           |              |              |              |              | 100                                 | 100                       | 100          | 100          | 100          | 100          |
| <b>Extended EER group</b>                          | 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        |
| <b>Additional countries in the broad EER group</b> |                                             |                           |              |              |              |              |                                     |                           |              |              |              |              |
| 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         |

° 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. <sup>1</sup> Selected calculation periods; for a comprehensive overview, see <https://www.bundesbank.de/en/statistics/exchange-rates/effective-exchange-rates/-/methodology-and-quality-796162>. <sup>2</sup> Including the reference period of the indices.

(see Table I. 1., p. 7) as well as Canada, Denmark, Japan, 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 1,150 Argentine pesos to the US dollar at the beginning of November 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 Etats 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).

## Bolivia, Plurinational State of

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

## 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 Etats 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 330 Cuban pesos at the beginning of November 2024.

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

## 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 is a different, black market rate 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.

## 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

The Zimbabwe gold was devalued on 27 September 2024. We recorded the following exchange rates:

|                   |                     |
|-------------------|---------------------|
| 26 September 2024 | USD 1 = ZWG 13.9987 |
|                   | EUR 1 = ZWG 15.6036 |

|                   |                      |
|-------------------|----------------------|
| 27 September 2024 | USD 1 = ZWG 24.3902  |
|                   | EUR 1 = ZWG 27.1659. |

Calculated using these exchange rates, the Zimbabwe gold experienced a devaluation of 42.6% against the US dollar and the euro.

According to the press release of the Reserve Bank of Zimbabwe, Zimbabwe gold (ISO currency code: ZWG) 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 = ZWG 1.

