



# Exchange rate statistics

## February 2022

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## 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     | Data unknown, not to be published or not meaningful         |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                     |

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              |
| Croatia                                  | Upper rate   | —                    | —                    | —            | —          | —                    | —                     | —                    | 8.66468              |
| Croatian kuna                            | Central rate | —                    | —                    | —            | —          | —                    | —                     | —                    | <sup>2</sup> 7.53450 |
| HRK                                      | Lower rate   | —                    | —                    | —            | —          | —                    | —                     | —                    | 6.40433              |
| Greece                                   | Upper rate   | 406.075              | <sup>3</sup> 391.863 | —            | —          | —                    | —                     | —                    | —                    |
| Greek drachma                            | Central rate | <sup>1</sup> 353.109 | 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             | <sup>7</sup> 0.673065 | —                    | —                    |
| Cyprus pound                             | Central rate | —                    | —                    | —            | 0.585274   | 0.585274             | 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             | <sup>8</sup> 0.702804 | 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               | <sup>9</sup> 34.6449 | —                    |
| Slovak koruna                            | Central rate | —                    | —                    | —            | —          | 38.4550              | 35.4424               | 30.1260              | —                    |
| SKK                                      | Lower rate   | —                    | —                    | —            | —          | 32.6868              | 30.1260               | 25.6071              | —                    |

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.

## 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             | Croatia     | 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 |
| 2021 Jan.           | 1.9558               | 7.5658      | 26.020              | 7.4370              | 358.39                  | 4.5304              | 4.8750              | 10.1110              |
| Feb.                | 1.9558               | 7.5830      | 26.195              | 7.4361              | 361.43                  | 4.5186              | 4.8750              | 10.1388              |
| Mar.                | 1.9558               | 7.5705      | 26.143              | 7.4373              | 363.27                  | 4.6508              | 4.9223              | 10.2383              |
| Apr.                | 1.9558               | 7.5465      | 25.883              | 7.4360              | 359.86                  | 4.5635              | 4.9285              | 10.1640              |
| May                 | 1.9558               | 7.5062      | 25.454              | 7.4365              | 347.61                  | 4.4856              | 4.9195              | 10.1210              |
| June                | 1.9558               | 7.4913      | 25.488              | 7.4362              | 351.68                  | 4.5201              | 4.9280              | 10.1110              |
| July                | 1.9558               | 7.5003      | 25.501              | 7.4379              | 357.20                  | 4.5636              | 4.9203              | 10.1868              |
| Aug.                | 1.9558               | 7.4900      | 25.523              | 7.4360              | 348.80                  | 4.5296              | 4.9359              | 10.1625              |
| Sep.                | 1.9558               | 7.4889      | 25.495              | 7.4360              | 360.19                  | 4.6197              | 4.9475              | 10.1683              |
| Oct.                | 1.9558               | 7.5270      | 25.697              | 7.4389              | 360.00                  | 4.6215              | 4.9493              | 9.9368               |
| Nov.                | 1.9558               | 7.5315      | 25.526              | 7.4368              | 365.68                  | 4.6639              | 4.9510              | 10.2860              |
| Dec.                | 1.9558               | 7.5156      | 24.858              | 7.4364              | 369.19                  | 4.5969              | 4.9490              | 10.2503              |
| 2022 Jan.           | 1.9558               | 7.5293      | 24.372              | 7.4419              | 357.19                  | 4.5892              | 4.9475              | 10.4890              |
| 2022 Jan. 19        | 1.9558               | 7.5238      | 24.313              | 7.4419              | 355.88                  | 4.5229              | 4.9449              | 10.3428              |
| 20                  | 1.9558               | 7.5250      | 24.263              | 7.4424              | 355.81                  | 4.5228              | 4.9453              | 10.3708              |
| 21                  | 1.9558               | 7.5280      | 24.347              | 7.4431              | 358.19                  | 4.5318              | 4.9453              | 10.4140              |
| 24                  | 1.9558               | 7.5290      | 24.528              | 7.4431              | 359.84                  | 4.5572              | 4.9453              | 10.5038              |
| 25                  | 1.9558               | 7.5295      | 24.500              | 7.4437              | 359.44                  | 4.5751              | 4.9448              | 10.5020              |
| 26                  | 1.9558               | 7.5290      | 24.531              | 7.4420              | 359.67                  | 4.5864              | 4.9451              | 10.4493              |
| 27                  | 1.9558               | 7.5328      | 24.427              | 7.4428              | 358.09                  | 4.5592              | 4.9466              | 10.4450              |
| 28                  | 1.9558               | 7.5290      | 24.443              | 7.4432              | 358.42                  | 4.5755              | 4.9463              | 10.5520              |
| 31                  | 1.9558               | 7.5293      | 24.372              | 7.4419              | 357.19                  | 4.5892              | 4.9475              | 10.4890              |
| Feb. 1              | 1.9558               | 7.5275      | 24.335              | 7.4407              | 356.38                  | 4.5804              | 4.9465              | 10.4438              |
| 2                   | 1.9558               | 7.5260      | 24.298              | 7.4383              | 354.45                  | 4.5449              | 4.9463              | 10.3850              |
| 3                   | 1.9558               | 7.5295      | 24.135              | 7.4388              | 353.94                  | 4.5315              | 4.9461              | 10.3870              |
| 4                   | 1.9558               | 7.5275      | 24.360              | 7.4432              | 352.92                  | 4.5474              | 4.9466              | 10.4465              |
| 7                   | 1.9558               | 7.5200      | 24.222              | 7.4443              | 353.48                  | 4.5432              | 4.9461              | 10.4483              |
| 8                   | 1.9558               | 7.5215      | 24.259              | 7.4437              | 353.09                  | 4.5312              | 4.9450              | 10.4433              |
| 9                   | 1.9558               | 7.5285      | 24.288              | 7.4437              | 352.94                  | 4.5135              | 4.9449              | 10.4075              |
| 10                  | 1.9558               | 7.5275      | 24.350              | 7.4404              | 354.02                  | 4.4921              | 4.9451              | 10.5275              |
| 11                  | 1.9558               | 7.5312      | 24.405              | 7.4400              | 353.38                  | 4.5204              | 4.9458              | 10.5530              |
| 14                  | 1.9558               | 7.5293      | 24.527              | 7.4411              | 357.06                  | 4.5400              | 4.9457              | 10.6158              |

| 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 |
| 2021 Jan.                                 | 1.5819                   | 6.6568                | 1.5520                 | 7.8047                 | 9.4093                  | 156.10                 | 88.4320             | 16,994.16                |
| Feb.                                      | 1.5605                   | 6.6644                | 1.5331                 | 7.8385                 | 9.4010                  | 152.90                 | 89.5766             | 17,353.51                |
| Mar.                                      | 1.5412                   | 6.7409                | 1.4782                 | 7.6812                 | 9.1153                  | 148.10                 | 85.8130             | 17,030.56                |
| Apr.                                      | 1.5581                   | 6.4597                | 1.4834                 | 7.8134                 | 9.3816                  | 149.60                 | 89.4795             | 17,424.24                |
| May                                       | 1.5775                   | 6.3868                | 1.4727                 | 7.7722                 | 9.4690                  | 147.60                 | 88.5414             | 17,402.96                |
| June                                      | 1.5853                   | 5.9050                | 1.4722                 | 7.6742                 | 9.2293                  | 146.50                 | 88.3240             | 17,280.30                |
| July                                      | 1.6133                   | 6.0716                | 1.4791                 | 7.6838                 | 9.2451                  | 146.60                 | 88.3941             | 17,184.46                |
| Aug.                                      | 1.6156                   | 6.1386                | 1.4896                 | 7.6465                 | 9.2086                  | 149.60                 | 86.3850             | 16,879.69                |
| Sep.                                      | 1.6095                   | 6.2631                | 1.4750                 | 7.4847                 | 9.0184                  | 150.90                 | 86.0766             | 16,572.03                |
| Oct.                                      | 1.5455                   | 6.5698                | 1.4383                 | 7.4488                 | 9.0563                  | 149.80                 | 87.1830             | 16,556.28                |
| Nov.                                      | 1.5898                   | 6.3762                | 1.4518                 | 7.2395                 | 8.8601                  | 147.00                 | 85.3274             | 16,277.55                |
| Dec.                                      | 1.5615                   | 6.3101                | 1.4393                 | 7.1947                 | 8.8333                  | 147.60                 | 84.2292             | 16,100.42                |
| 2022 Jan.                                 | 1.5820                   | 6.0030                | 1.4233                 | 7.0963                 | 8.6994                  | 143.20                 | 83.3655             | 16,036.76                |
| 2022 Jan. 19                              | 1.5709                   | 6.2657                | 1.4144                 | 7.2003                 | 8.8392                  | 145.20                 | 84.4135             | 16,283.78                |
| 20                                        | 1.5662                   | 6.1621                | 1.4158                 | 7.1936                 | 8.8274                  | 145.40                 | 84.3620             | 16,267.50                |
| 21                                        | 1.5774                   | 6.2063                | 1.4211                 | 7.1946                 | 8.8370                  | 145.60                 | 84.4190             | 16,244.20                |
| 24                                        | 1.5866                   | 6.1901                | 1.4269                 | 7.1533                 | 8.8003                  | 145.60                 | 84.3495             | 16,213.69                |
| 25                                        | 1.5814                   | 6.2049                | 1.4247                 | 7.1325                 | 8.7725                  | 146.00                 | 84.2770             | 16,169.54                |
| 26                                        | 1.5727                   | 6.1084                | 1.4173                 | 7.1293                 | 8.7791                  | 145.60                 | 84.4288             | 16,185.31                |
| 27                                        | 1.5771                   | 6.0159                | 1.4161                 | 7.1061                 | 8.6951                  | 145.20                 | 83.7893             | 16,052.42                |
| 28                                        | 1.5971                   | 6.0147                | 1.4239                 | 7.0857                 | 8.6810                  | 144.00                 | 83.6015             | 16,047.76                |
| 31                                        | 1.5820                   | 6.0030                | 1.4233                 | 7.0963                 | 8.6994                  | 143.20                 | 83.3655             | 16,036.76                |
| Feb. 1                                    | 1.5868                   | 5.9572                | 1.4299                 | 7.1625                 | 8.7779                  | 143.80                 | 84.1970             | 16,126.29                |
| 2                                         | 1.5828                   | 5.9677                | 1.4330                 | 7.2026                 | 8.8245                  | 143.20                 | 84.6130             | 16,243.98                |
| 3                                         | 1.5849                   | 5.9843                | 1.4334                 | 7.1795                 | 8.7966                  | 142.40                 | 84.5180             | 16,243.28                |
| 4                                         | 1.6165                   | 6.0830                | 1.4583                 | 7.2923                 | 8.9286                  | 142.80                 | 85.6445             | 16,493.16                |
| 7                                         | 1.6097                   | 6.0541                | 1.4546                 | 7.2807                 | 8.9202                  | 143.40                 | 85.5345             | 16,478.97                |
| 8                                         | 1.6025                   | 6.0209                | 1.4505                 | 7.2636                 | 8.8923                  | 142.40                 | 85.2545             | 16,418.40                |
| 9                                         | 1.5933                   | 6.0198                | 1.4514                 | 7.2759                 | 8.9106                  | 142.20                 | 85.5765             | 16,390.99                |
| 10                                        | 1.5894                   | 5.9668                | 1.4498                 | 7.2722                 | 8.9142                  | 141.80                 | 85.9373             | 16,390.21                |
| 11                                        | 1.5927                   | 5.9263                | 1.4498                 | 7.2564                 | 8.9054                  | 141.80                 | 85.8535             | 16,339.46                |
| 14                                        | 1.5902                   | 5.8965                | 1.4431                 | 7.1937                 | 8.8283                  | 142.60                 | 85.4715             | 16,190.53                |

\* 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                                             | 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 |
| 2021 Jan.                                          | 3.9814            | 127.05              | 1,354.98                | 4.9060                   | 24.5417             | 1.6863                    | 10.3430                | 58.333                 |
| Feb.                                               | 4.0072            | 128.83              | 1,367.10                | 4.9096                   | 25.2879             | 1.6622                    | 10.4012                | 59.090                 |
| Mar.                                               | 3.9178            | 129.91              | 1,324.19                | 4.8618                   | 24.0506             | 1.6769                    | 9.9955                 | 56.901                 |
| Apr.                                               | 3.9199            | 131.62              | 1,346.24                | 4.9482                   | 24.2345             | 1.6738                    | 9.9533                 | 58.286                 |
| May                                                | 3.9608            | 133.79              | 1,352.04                | 5.0323                   | 24.3131             | 1.6799                    | 10.2183                | 58.138                 |
| June                                               | 3.8763            | 131.43              | 1,341.41                | 4.9336                   | 23.5784             | 1.7026                    | 10.1717                | 58.063                 |
| July                                               | 3.8403            | 130.39              | 1,368.74                | 5.0180                   | 23.6277             | 1.6990                    | 10.4405                | 59.479                 |
| Aug.                                               | 3.7951            | 129.95              | 1,370.03                | 4.9194                   | 23.7864             | 1.6760                    | 10.2600                | 58.765                 |
| Sep.                                               | 3.7363            | 129.67              | 1,371.58                | 4.8475                   | 23.7439             | 1.6858                    | 10.1650                | 59.066                 |
| Oct.                                               | 3.6670            | 132.62              | 1,362.92                | 4.8222                   | 23.8048             | 1.6255                    | 9.7495                 | 58.654                 |
| Nov.                                               | 3.5887            | 128.20              | 1,350.29                | 4.7753                   | 24.5059             | 1.6644                    | 10.2795                | 57.271                 |
| Dec.                                               | 3.5159            | 130.38              | 1,346.38                | 4.7184                   | 23.1438             | 1.6579                    | 9.9888                 | 57.763                 |
| 2022 Jan.                                          | 3.5640            | 128.79              | 1,349.08                | 4.6693                   | 23.1856             | 1.6983                    | 10.0085                | 56.985                 |
| 2022 Jan. 19                                       | 3.5529            | 129.86              | 1,347.10                | 4.7570                   | 23.0922             | 1.6684                    | 9.9368                 | 58.429                 |
| 20                                                 | 3.5564            | 129.53              | 1,349.16                | 4.7489                   | 23.1684             | 1.6731                    | 9.9578                 | 58.285                 |
| 21                                                 | 3.5668            | 129.14              | 1,351.89                | 4.7508                   | 23.2229             | 1.6884                    | 10.0523                | 58.171                 |
| 24                                                 | 3.5846            | 128.62              | 1,352.41                | 4.7352                   | 23.2566             | 1.6901                    | 10.1638                | 58.045                 |
| 25                                                 | 3.5898            | 128.49              | 1,350.71                | 4.7213                   | 23.2909             | 1.6911                    | 10.1385                | 57.753                 |
| 26                                                 | 3.5834            | 128.86              | 1,350.03                | 4.7268                   | 23.1845             | 1.6865                    | 10.0115                | 57.728                 |
| 27                                                 | 3.5695            | 128.74              | 1,344.50                | 4.6844                   | 23.1430             | 1.6872                    | 9.9903                 | 57.295                 |
| 28                                                 | 3.5697            | 128.68              | 1,349.47                | 4.6668                   | 23.1854             | 1.7031                    | 10.0260                | 57.028                 |
| 31                                                 | 3.5640            | 128.79              | 1,349.08                | 4.6693                   | 23.1856             | 1.6983                    | 10.0085                | 56.985                 |
| Feb. 1                                             | 3.5660            | 129.12              | 1,353.61                | 4.7129                   | 23.1296             | 1.7032                    | 9.9638                 | 57.516                 |
| 2                                                  | 3.5777            | 129.37              | 1,359.23                | 4.7392                   | 23.2134             | 1.7010                    | 9.9228                 | 57.785                 |
| 3                                                  | 3.5949            | 129.63              | 1,358.42                | 4.7215                   | 23.2359             | 1.7001                    | 9.9545                 | 57.608                 |
| 4                                                  | 3.6741            | 131.72              | 1,374.04                | 4.7914                   | 23.5856             | 1.7287                    | 10.0483                | 58.754                 |
| 7                                                  | 3.6547            | 131.59              | 1,371.76                | 4.7909                   | 23.5750             | 1.7278                    | 10.0658                | 58.978                 |
| 8                                                  | 3.6753            | 131.68              | 1,367.88                | 4.7740                   | 23.5601             | 1.7196                    | 10.0758                | 58.715                 |
| 9                                                  | 3.6817            | 132.04              | 1,365.72                | 4.7853                   | 23.4719             | 1.7107                    | 10.0585                | 58.603                 |
| 10                                                 | 3.6796            | 132.42              | 1,367.52                | 4.7855                   | 23.3584             | 1.7076                    | 10.0693                | 58.583                 |
| 11                                                 | 3.6958            | 132.24              | 1,363.68                | 4.7832                   | 23.3183             | 1.7085                    | 10.0732                | 58.482                 |
| 14                                                 | 3.6835            | 130.60              | 1,354.50                | 4.7420                   | 23.1331             | 1.7112                    | 10.0693                | 58.114                 |

| Other European and non-European countries (cont'd) |                       |                         |                           |                    |                  |                     |                       |                  |
|----------------------------------------------------|-----------------------|-------------------------|---------------------------|--------------------|------------------|---------------------|-----------------------|------------------|
|                                                    | Russian Federation    | Singapore               | South Africa              | Switzerland        | Thailand         | Turkey              | United Kingdom        | United States    |
|                                                    | Russian rouble<br>RUB | 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 |
| 2021 Jan.                                          | 91.8979               | 1.6121                  | 18.3058                   | 1.0798             | 36.287           | 8.8772              | 0.88383               | 1.2136           |
| Feb.                                               | 90.6697               | 1.6106                  | 18.1025                   | 1.0986             | 36.799           | 9.0168              | 0.87053               | 1.2121           |
| Mar.                                               | 88.3175               | 1.5768                  | 17.3484                   | 1.1070             | 36.658           | 9.7250              | 0.85209               | 1.1725           |
| Apr.                                               | 90.7108               | 1.6045                  | 17.3875                   | 1.0998             | 37.648           | 9.9777              | 0.86863               | 1.2082           |
| May                                                | 89.5350               | 1.6130                  | 16.7974                   | 1.0982             | 38.067           | 10.3728             | 0.86013               | 1.2201           |
| June                                               | 86.7725               | 1.5976                  | 17.0114                   | 1.0980             | 38.118           | 10.3210             | 0.85805               | 1.1884           |
| July                                               | 86.7116               | 1.6090                  | 17.3283                   | 1.0771             | 39.098           | 9.9985              | 0.85140               | 1.1891           |
| Aug.                                               | 86.7600               | 1.5897                  | 17.2282                   | 1.0799             | 38.129           | 9.8310              | 0.85875               | 1.1834           |
| Sep.                                               | 84.3391               | 1.5760                  | 17.5629                   | 1.0830             | 39.235           | 10.2981             | 0.86053               | 1.1579           |
| Oct.                                               | 82.3284               | 1.5676                  | 17.7447                   | 1.0611             | 38.720           | 11.1393             | 0.84490               | 1.1645           |
| Nov.                                               | 84.6123               | 1.5521                  | 18.2269                   | 1.0430             | 38.282           | 14.9342             | 0.85173               | 1.1363           |
| Dec.                                               | 85.3004               | 1.5279                  | 18.0625                   | 1.0331             | 37.653           | 15.2335             | 0.84028               | 1.1326           |
| 2022 Jan.                                          | 86.7251               | 1.5110                  | 17.3734                   | 1.0404             | 37.144           | 14.9310             | 0.83153               | 1.1156           |
| 2022 Jan. 19                                       | 86.4800               | 1.5293                  | 17.3889                   | 1.0383             | 37.467           | 15.4207             | 0.83168               | 1.1345           |
| 20                                                 | 86.8952               | 1.5261                  | 17.2531                   | 1.0382             | 37.319           | 15.2094             | 0.83265               | 1.1338           |
| 21                                                 | 86.8380               | 1.5260                  | 17.1546                   | 1.0353             | 37.358           | 15.2230             | 0.83633               | 1.1348           |
| 24                                                 | 88.6490               | 1.5216                  | 17.2509                   | 1.0308             | 37.382           | 15.1621             | 0.83803               | 1.1304           |
| 25                                                 | 88.7384               | 1.5157                  | 17.2669                   | 1.0364             | 37.280           | 15.2723             | 0.83713               | 1.1268           |
| 26                                                 | 89.2650               | 1.5162                  | 17.0858                   | 1.0386             | 37.169           | 15.2877             | 0.83458               | 1.1277           |
| 27                                                 | 87.1390               | 1.5089                  | 17.1112                   | 1.0391             | 37.124           | 15.1946             | 0.83368               | 1.1160           |
| 28                                                 | 86.6113               | 1.5109                  | 17.3844                   | 1.0378             | 37.229           | 15.1424             | 0.83178               | 1.1138           |
| 31                                                 | 86.7251               | 1.5110                  | 17.3734                   | 1.0404             | 37.144           | 14.9310             | 0.83153               | 1.1156           |
| Feb. 1                                             | 86.3238               | 1.5199                  | 17.1633                   | 1.0374             | 37.378           | 15.0644             | 0.83498               | 1.1260           |
| 2                                                  | 85.8150               | 1.5254                  | 17.3459                   | 1.0399             | 37.575           | 15.3011             | 0.83395               | 1.1323           |
| 3                                                  | 86.1788               | 1.5212                  | 17.2864                   | 1.0407             | 37.424           | 15.3047             | 0.83208               | 1.1286           |
| 4                                                  | 87.3095               | 1.5419                  | 17.5875                   | 1.0567             | 37.797           | 15.5072             | 0.84593               | 1.1464           |
| 7                                                  | 86.5824               | 1.5389                  | 17.7000                   | 1.0571             | 37.735           | 15.5235             | 0.84685               | 1.1447           |
| 8                                                  | 85.7797               | 1.5349                  | 17.6380                   | 1.0545             | 37.606           | 15.5558             | 0.84363               | 1.1408           |
| 9                                                  | 85.5289               | 1.5349                  | 17.5281                   | 1.0551             | 37.404           | 15.5510             | 0.84255               | 1.1435           |
| 10                                                 | 85.0187               | 1.5345                  | 17.3078                   | 1.0571             | 37.331           | 15.4838             | 0.84248               | 1.1439           |
| 11                                                 | 85.8550               | 1.5339                  | 17.2736                   | 1.0557             | 37.282           | 15.4066             | 0.83958               | 1.1417           |
| 14                                                 | 86.3480               | 1.5247                  | 17.1310                   | 1.0472             | 36.800           | 15.3510             | 0.83720               | 1.1316           |

\* 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     | 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 |
| 2020                | 1.9558               | 7.5384      | 26.455              | 7.4542              | 351.25                  | 4.4430              | 4.8383              | 10.4848              |
| 2021                | 1.9558               | 7.5284      | 25.640              | 7.4370              | 358.52                  | 4.5652              | 4.9215              | 10.1465              |
| 2019 Dec.           | 1.9558               | 7.4416      | 25.497              | 7.4720              | 330.71                  | 4.2726              | 4.7779              | 10.4827              |
| 2020 Jan.           | 1.9558               | 7.4429      | 25.216              | 7.4729              | 334.38                  | 4.2507              | 4.7788              | 10.5544              |
| Feb.                | 1.9558               | 7.4543      | 25.051              | 7.4713              | 337.17                  | 4.2766              | 4.7837              | 10.5679              |
| Mar.                | 1.9558               | 7.5706      | 26.575              | 7.4703              | 345.68                  | 4.4406              | 4.8282              | 10.8751              |
| Apr.                | 1.9558               | 7.5928      | 27.262              | 7.4617              | 356.69                  | 4.5437              | 4.8371              | 10.8845              |
| May                 | 1.9558               | 7.5749      | 27.269              | 7.4577              | 350.76                  | 4.5251              | 4.8371              | 10.5970              |
| June                | 1.9558               | 7.5682      | 26.681              | 7.4548              | 347.69                  | 4.4450              | 4.8392              | 10.4869              |
| July                | 1.9558               | 7.5296      | 26.514              | 7.4467              | 351.16                  | 4.4493              | 4.8383              | 10.3538              |
| Aug.                | 1.9558               | 7.5077      | 26.167              | 7.4460              | 348.93                  | 4.3995              | 4.8376              | 10.3087              |
| Sep.                | 1.9558               | 7.5417      | 26.741              | 7.4418              | 360.61                  | 4.4727              | 4.8602              | 10.4279              |
| Oct.                | 1.9558               | 7.5746      | 27.213              | 7.4424              | 362.53                  | 4.5414              | 4.8747              | 10.3967              |
| Nov.                | 1.9558               | 7.5623      | 26.466              | 7.4459              | 359.84                  | 4.4949              | 4.8704              | 10.2311              |
| Dec.                | 1.9558               | 7.5417      | 26.311              | 7.4412              | 359.02                  | 4.4786              | 4.8703              | 10.1736              |
| 2021 Jan.           | 1.9558               | 7.5653      | 26.141              | 7.4387              | 359.19                  | 4.5333              | 4.8732              | 10.0952              |
| Feb.                | 1.9558               | 7.5729      | 25.876              | 7.4367              | 358.15                  | 4.4968              | 4.8750              | 10.0887              |
| Mar.                | 1.9558               | 7.5783      | 26.178              | 7.4363              | 365.61                  | 4.5991              | 4.8884              | 10.1692              |
| Apr.                | 1.9558               | 7.5679      | 25.924              | 7.4367              | 360.58                  | 4.5615              | 4.9231              | 10.1620              |
| May                 | 1.9558               | 7.5226      | 25.558              | 7.4362              | 353.65                  | 4.5281              | 4.9250              | 10.1471              |
| June                | 1.9558               | 7.4980      | 25.454              | 7.4364              | 349.94                  | 4.5005              | 4.9238              | 10.1172              |
| July                | 1.9558               | 7.5027      | 25.636              | 7.4373              | 357.26                  | 4.5616              | 4.9255              | 10.1979              |
| Aug.                | 1.9558               | 7.4960      | 25.470              | 7.4369              | 351.84                  | 4.5687              | 4.9232              | 10.2157              |
| Sep.                | 1.9558               | 7.4924      | 25.392              | 7.4361              | 352.51                  | 4.5681              | 4.9471              | 10.1710              |
| Oct.                | 1.9558               | 7.5135      | 25.496              | 7.4398              | 360.82                  | 4.5909              | 4.9480              | 10.0557              |
| Nov.                | 1.9558               | 7.5195      | 25.391              | 7.4373              | 364.50                  | 4.6462              | 4.9494              | 10.0459              |
| Dec.                | 1.9558               | 7.5201      | 25.246              | 7.4362              | 367.50                  | 4.6137              | 4.9492              | 10.2726              |
| 2022 Jan.           | 1.9558               | 7.5247      | 24.470              | 7.4411              | 358.68                  | 4.5522              | 4.9454              | 10.3579              |

| 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 |
| 2020                                      | 1.6549                   | 5.8943                | 1.5300                 | 7.8747                 | 8.8587                  | 154.59                 | 84.6392             | 16,627.37                |
| 2021                                      | 1.5749                   | 6.3779                | 1.4826                 | 7.6282                 | 9.1932                  | 150.15                 | 87.4392             | 16,920.72                |
| 2019 Dec.                                 | 1.6154                   | 4.5700                | 1.4640                 | 7.7974                 | 8.6744                  | 135.63                 | 79.1092             | 15,568.87                |
| 2020 Jan.                                 | 1.6189                   | 4.6020                | 1.4523                 | 7.6832                 | 8.6283                  | 137.10                 | 79.1342             | 15,236.08                |
| Feb.                                      | 1.6356                   | 4.7327                | 1.4485                 | 7.6302                 | 8.4785                  | 138.23                 | 77.9818             | 15,032.66                |
| Mar.                                      | 1.7788                   | 5.3986                | 1.5417                 | 7.7675                 | 8.5907                  | 149.11                 | 82.4374             | 16,851.13                |
| Apr.                                      | 1.7271                   | 5.7807                | 1.5287                 | 7.6858                 | 8.4194                  | 157.11                 | 82.7869             | 17,178.89                |
| May                                       | 1.6724                   | 6.1499                | 1.5219                 | 7.7482                 | 8.4511                  | 156.61                 | 82.4983             | 16,198.23                |
| June                                      | 1.6322                   | 5.8377                | 1.5254                 | 7.9734                 | 8.7226                  | 152.71                 | 85.2212             | 15,987.12                |
| July                                      | 1.6304                   | 6.0590                | 1.5481                 | 8.0352                 | 8.8854                  | 158.49                 | 85.8847             | 16,659.27                |
| Aug.                                      | 1.6433                   | 6.4381                | 1.5654                 | 8.1954                 | 9.1671                  | 161.77                 | 88.2309             | 17,402.53                |
| Sep.                                      | 1.6307                   | 6.3663                | 1.5586                 | 8.0333                 | 9.1393                  | 162.69                 | 86.7266             | 17,491.99                |
| Oct.                                      | 1.6521                   | 6.6170                | 1.5559                 | 7.9225                 | 9.1262                  | 163.65                 | 86.5891             | 17,348.27                |
| Nov.                                      | 1.6266                   | 6.4324                | 1.5472                 | 7.8152                 | 9.1775                  | 161.90                 | 87.8553             | 16,824.32                |
| Dec.                                      | 1.6166                   | 6.2658                | 1.5595                 | 7.9602                 | 9.4341                  | 155.13                 | 89.6081             | 17,226.83                |
| 2021 Jan.                                 | 1.5764                   | 6.5102                | 1.5494                 | 7.8730                 | 9.4362                  | 156.48                 | 88.9936             | 17,111.98                |
| Feb.                                      | 1.5605                   | 6.5434                | 1.5354                 | 7.8136                 | 9.3794                  | 155.26                 | 88.0756             | 17,002.56                |
| Mar.                                      | 1.5444                   | 6.7247                | 1.4970                 | 7.7465                 | 9.2400                  | 151.51                 | 86.6550             | 17,135.25                |
| Apr.                                      | 1.5544                   | 6.6565                | 1.4975                 | 7.8051                 | 9.3064                  | 150.75                 | 89.4210             | 17,414.37                |
| May                                       | 1.5653                   | 6.4462                | 1.4732                 | 7.8109                 | 9.4317                  | 149.66                 | 88.9171             | 17,393.13                |
| June                                      | 1.5761                   | 6.0693                | 1.4713                 | 7.7391                 | 9.3507                  | 146.84                 | 88.6298             | 17,295.86                |
| July                                      | 1.5926                   | 6.0930                | 1.4806                 | 7.6536                 | 9.1862                  | 147.10                 | 88.1134             | 17,148.30                |
| Aug.                                      | 1.6118                   | 6.1884                | 1.4827                 | 7.6237                 | 9.1633                  | 148.45                 | 87.2573             | 16,926.94                |
| Sep.                                      | 1.6087                   | 6.1966                | 1.4910                 | 7.6007                 | 9.1583                  | 150.96                 | 86.6330             | 16,781.39                |
| Oct.                                      | 1.5669                   | 6.4204                | 1.4436                 | 7.4500                 | 9.0257                  | 149.66                 | 86.9571             | 16,450.02                |
| Nov.                                      | 1.5615                   | 6.3434                | 1.4339                 | 7.2927                 | 8.8922                  | 149.16                 | 85.0038             | 16,298.12                |
| Dec.                                      | 1.5781                   | 6.3841                | 1.4463                 | 7.1993                 | 8.8155                  | 147.15                 | 85.1762             | 16,184.17                |
| 2022 Jan.                                 | 1.5770                   | 6.2673                | 1.4282                 | 7.1922                 | 8.8166                  | 146.09                 | 84.2273             | 16,227.12                |

\* 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 \*

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

EUR 1 = CU ...

| Other European and non-European countries (cont'd) |                             |                              |                                               |                                      |                               |                                          |                                  |                                       |
|----------------------------------------------------|-----------------------------|------------------------------|-----------------------------------------------|--------------------------------------|-------------------------------|------------------------------------------|----------------------------------|---------------------------------------|
| Period                                             | Israel<br>New shekel<br>ILS | Japan<br>Japanese yen<br>JPY | Korea, Republic of<br>South Korean won<br>KRW | Malaysia<br>Malaysian ringgit<br>MYR | Mexico<br>Mexican peso<br>MXN | New Zealand<br>New Zealand dollar<br>NZD | Norway<br>Norwegian krone<br>NOK | Philippines<br>Philippine peso<br>PHP |
| 2020                                               | 3.9258                      | 121.85                       | 1,345.58                                      | 4.7959                               | 24.5194                       | 1.7561                                   | 10.7228                          | 56.615                                |
| 2021                                               | 3.8208                      | 129.88                       | 1,354.06                                      | 4.9015                               | 23.9852                       | 1.6724                                   | 10.1633                          | 58.299                                |
| 2019 Dec.                                          | 3.8630                      | 121.24                       | 1,306.19                                      | 4.6093                               | 21.2640                       | 1.6864                                   | 10.0429                          | 56.432                                |
| 2020 Jan.                                          | 3.8417                      | 121.36                       | 1,296.12                                      | 4.5279                               | 20.8733                       | 1.6811                                   | 9.9384                           | 56.436                                |
| Feb.                                               | 3.7432                      | 120.03                       | 1,303.58                                      | 4.5391                               | 20.5356                       | 1.7064                                   | 10.1327                          | 55.369                                |
| Mar.                                               | 3.9860                      | 118.90                       | 1,347.99                                      | 4.7549                               | 24.7250                       | 1.8276                                   | 11.2943                          | 56.453                                |
| Apr.                                               | 3.8771                      | 116.97                       | 1,328.89                                      | 4.7307                               | 26.3607                       | 1.8109                                   | 11.3365                          | 55.065                                |
| May                                                | 3.8348                      | 116.87                       | 1,340.44                                      | 4.7331                               | 25.5652                       | 1.7890                                   | 10.9862                          | 55.121                                |
| June                                               | 3.8893                      | 121.12                       | 1,358.75                                      | 4.8118                               | 25.0828                       | 1.7473                                   | 10.7298                          | 56.333                                |
| July                                               | 3.9331                      | 122.38                       | 1,374.16                                      | 4.8878                               | 25.6999                       | 1.7406                                   | 10.6544                          | 56.619                                |
| Aug.                                               | 4.0214                      | 125.40                       | 1,403.44                                      | 4.9506                               | 26.2544                       | 1.7931                                   | 10.5797                          | 57.682                                |
| Sep.                                               | 4.0350                      | 124.50                       | 1,388.68                                      | 4.8935                               | 25.5361                       | 1.7681                                   | 10.7769                          | 57.223                                |
| Oct.                                               | 3.9966                      | 123.89                       | 1,347.03                                      | 4.8891                               | 25.0613                       | 1.7736                                   | 10.9220                          | 57.107                                |
| Nov.                                               | 3.9773                      | 123.61                       | 1,319.66                                      | 4.8673                               | 24.1554                       | 1.7237                                   | 10.7453                          | 57.127                                |
| Dec.                                               | 3.9513                      | 126.28                       | 1,332.54                                      | 4.9363                               | 24.2914                       | 1.7161                                   | 10.6008                          | 58.527                                |
| 2021 Jan.                                          | 3.9249                      | 126.31                       | 1,338.64                                      | 4.9154                               | 24.2483                       | 1.6924                                   | 10.3661                          | 58.498                                |
| Feb.                                               | 3.9581                      | 127.49                       | 1,345.06                                      | 4.8944                               | 24.5557                       | 1.6702                                   | 10.2791                          | 58.401                                |
| Mar.                                               | 3.9402                      | 129.38                       | 1,345.58                                      | 4.8907                               | 24.7451                       | 1.6686                                   | 10.1469                          | 57.783                                |
| Apr.                                               | 3.9205                      | 130.49                       | 1,337.96                                      | 4.9358                               | 24.0005                       | 1.6788                                   | 10.0376                          | 58.067                                |
| May                                                | 3.9623                      | 132.57                       | 1,364.47                                      | 5.0142                               | 24.2682                       | 1.6817                                   | 10.0931                          | 58.222                                |
| June                                               | 3.9179                      | 132.63                       | 1,352.47                                      | 4.9808                               | 24.1066                       | 1.6944                                   | 10.1444                          | 58.040                                |
| July                                               | 3.8668                      | 130.35                       | 1,354.46                                      | 4.9680                               | 23.6101                       | 1.6933                                   | 10.3767                          | 59.264                                |
| Aug.                                               | 3.7942                      | 129.28                       | 1,366.74                                      | 4.9660                               | 23.6237                       | 1.6872                                   | 10.4195                          | 59.088                                |
| Sep.                                               | 3.7744                      | 129.66                       | 1,380.51                                      | 4.9054                               | 23.5675                       | 1.6676                                   | 10.1861                          | 59.115                                |
| Oct.                                               | 3.7292                      | 131.21                       | 1,371.23                                      | 4.8307                               | 23.7308                       | 1.6452                                   | 9.8143                           | 58.835                                |
| Nov.                                               | 3.5588                      | 130.12                       | 1,351.74                                      | 4.7695                               | 23.8113                       | 1.6261                                   | 9.9661                           | 57.473                                |
| Dec.                                               | 3.5426                      | 128.80                       | 1,338.49                                      | 4.7599                               | 23.6159                       | 1.6649                                   | 10.1308                          | 56.917                                |
| 2022 Jan.                                          | 3.5487                      | 130.01                       | 1,353.61                                      | 4.7405                               | 23.1891                       | 1.6789                                   | 10.0070                          | 58.000                                |

| Other European and non-European countries (cont'd) |                                             |                                      |                                           |                                   |                              |                               |                                         |                                   |
|----------------------------------------------------|---------------------------------------------|--------------------------------------|-------------------------------------------|-----------------------------------|------------------------------|-------------------------------|-----------------------------------------|-----------------------------------|
| Period                                             | Russian Federation<br>Russian rouble<br>RUB | Singapore<br>Singapore dollar<br>SGD | South Africa<br>South African rand<br>ZAR | Switzerland<br>Swiss franc<br>CHF | Thailand<br>Thai baht<br>THB | Turkey<br>Turkish lira<br>TRY | United Kingdom<br>Pound sterling<br>GBP | United States<br>US dollar<br>USD |
| 2020                                               | 82.7248                                     | 1.5742                               | 18.7655                                   | 1.0705                            | 35.708                       | 8.0547                        | 0.88970                                 | 1.1422                            |
| 2021                                               | 87.1527                                     | 1.5891                               | 17.4766                                   | 1.0811                            | 37.837                       | 10.5124                       | 0.85960                                 | 1.1827                            |
| 2019 Dec.                                          | 69.9867                                     | 1.5081                               | 16.0502                                   | 1.0925                            | 33.562                       | 6.5022                        | 0.84731                                 | 1.1113                            |
| 2020 Jan.                                          | 68.7690                                     | 1.5003                               | 16.0091                                   | 1.0765                            | 33.814                       | 6.5808                        | 0.84927                                 | 1.1100                            |
| Feb.                                               | 69.9107                                     | 1.5157                               | 16.3640                                   | 1.0648                            | 34.163                       | 6.6195                        | 0.84095                                 | 1.0905                            |
| Mar.                                               | 82.4264                                     | 1.5671                               | 18.4175                                   | 1.0591                            | 35.499                       | 7.0170                        | 0.89460                                 | 1.1063                            |
| Apr.                                               | 81.7454                                     | 1.5474                               | 20.1822                                   | 1.0545                            | 35.446                       | 7.4617                        | 0.87547                                 | 1.0862                            |
| May                                                | 79.2332                                     | 1.5461                               | 19.7453                                   | 1.0574                            | 34.953                       | 7.5527                        | 0.88685                                 | 1.0902                            |
| June                                               | 78.0103                                     | 1.5686                               | 19.2726                                   | 1.0712                            | 35.077                       | 7.6807                        | 0.89878                                 | 1.1255                            |
| July                                               | 82.0171                                     | 1.5906                               | 19.2174                                   | 1.0711                            | 36.014                       | 7.8843                        | 0.90467                                 | 1.1463                            |
| Aug.                                               | 87.3520                                     | 1.6195                               | 20.3836                                   | 1.0767                            | 36.911                       | 8.6144                        | 0.90081                                 | 1.1828                            |
| Sep.                                               | 89.5997                                     | 1.6104                               | 19.7338                                   | 1.0786                            | 36.997                       | 8.9084                        | 0.90947                                 | 1.1792                            |
| Oct.                                               | 91.4320                                     | 1.6008                               | 19.3657                                   | 1.0739                            | 36.796                       | 9.3701                        | 0.90741                                 | 1.1775                            |
| Nov.                                               | 91.0097                                     | 1.5944                               | 18.4019                                   | 1.0785                            | 36.041                       | 9.4522                        | 0.89605                                 | 1.1838                            |
| Dec.                                               | 90.2398                                     | 1.6218                               | 18.1286                                   | 1.0814                            | 36.610                       | 9.3817                        | 0.90624                                 | 1.2170                            |
| 2021 Jan.                                          | 90.5697                                     | 1.6140                               | 18.4295                                   | 1.0794                            | 36.528                       | 9.0059                        | 0.89267                                 | 1.2171                            |
| Feb.                                               | 89.9554                                     | 1.6060                               | 17.8629                                   | 1.0858                            | 36.307                       | 8.5785                        | 0.87268                                 | 1.2098                            |
| Mar.                                               | 88.6326                                     | 1.5975                               | 17.8284                                   | 1.1065                            | 36.632                       | 9.1301                        | 0.85873                                 | 1.1899                            |
| Apr.                                               | 91.1446                                     | 1.5975                               | 17.2486                                   | 1.1031                            | 37.551                       | 9.7936                        | 0.86527                                 | 1.1979                            |
| May                                                | 89.8737                                     | 1.6153                               | 17.0766                                   | 1.0968                            | 37.992                       | 10.1852                       | 0.86258                                 | 1.2146                            |
| June                                               | 87.4561                                     | 1.6062                               | 16.7540                                   | 1.0940                            | 37.873                       | 10.3823                       | 0.85872                                 | 1.2047                            |
| July                                               | 87.3970                                     | 1.6019                               | 17.1648                                   | 1.0856                            | 38.586                       | 10.1587                       | 0.85613                                 | 1.1822                            |
| Aug.                                               | 86.6067                                     | 1.5947                               | 17.3827                                   | 1.0762                            | 38.956                       | 9.9788                        | 0.85287                                 | 1.1772                            |
| Sep.                                               | 85.7740                                     | 1.5864                               | 17.1373                                   | 1.0857                            | 38.919                       | 10.0691                       | 0.85683                                 | 1.1770                            |
| Oct.                                               | 82.7727                                     | 1.5673                               | 17.2300                                   | 1.0708                            | 38.813                       | 10.6809                       | 0.84694                                 | 1.1601                            |
| Nov.                                               | 83.1111                                     | 1.5487                               | 17.7055                                   | 1.0522                            | 37.773                       | 12.2361                       | 0.84786                                 | 1.1414                            |
| Dec.                                               | 83.4913                                     | 1.5403                               | 17.9331                                   | 1.0408                            | 37.931                       | 15.4045                       | 0.84875                                 | 1.1304                            |
| 2022 Jan.                                          | 86.5552                                     | 1.5286                               | 17.5286                                   | 1.0401                            | 37.607                       | 15.3525                       | 0.83503                                 | 1.1314                            |

\* 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 ...

| Period                   | EU member countries  |             |                     |                     |                            |                            |                       |                              |                     |
|--------------------------|----------------------|-------------|---------------------|---------------------|----------------------------|----------------------------|-----------------------|------------------------------|---------------------|
|                          | Bulgaria             | Croatia     | Czechia             | Denmark             | Estonia                    | Hungary                    | Latvia                | Lithuania                    | Poland              |
|                          | Bulgarian lev<br>BGN | Kuna<br>HRK | Czech koruna<br>CZK | Danish krone<br>DKK | Estonian<br>kroon<br>EEK 1 | Hungarian<br>forint<br>HUF | Latvian lats<br>LVL 1 | Lithuanian<br>litas<br>LTL 1 | Polish zloty<br>PLN |
| <b>End of year</b>       |                      |             |                     |                     |                            |                            |                       |                              |                     |
| 2008                     | 1.9558               | 7.3555      | 26.875              | 7.4506              | 15.6466                    | 266.70                     | 0.708300              | 3.4528                       | 4.1535              |
| 2009                     | 1.9558               | 7.3000      | 26.473              | 7.4418              | 15.6466                    | 270.42                     | 0.709300              | 3.4528                       | 4.1045              |
| 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              |
| <b>Annual averages +</b> |                      |             |                     |                     |                            |                            |                       |                              |                     |
| 2008                     | 1.9558               | 7.2239      | 24.946              | 7.4560              | 15.6466                    | 251.51                     | 0.7027                | 3.4528                       | 3.5121              |
| 2009                     | 1.9558               | 7.3400      | 26.435              | 7.4462              | 15.6466                    | 280.33                     | 0.7057                | 3.4528                       | 4.3276              |
| 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              |

| Period                   | EU member countries (cont'd) |                           |                      | Other European and non-European countries |                       |                           |                        |                            |                             |
|--------------------------|------------------------------|---------------------------|----------------------|-------------------------------------------|-----------------------|---------------------------|------------------------|----------------------------|-----------------------------|
|                          | Romania                      | Slovakia                  | Sweden               | Australia                                 | Brazil                | Canada                    | China                  | Hong Kong                  | Iceland                     |
|                          | Romanian<br>leu<br>RON       | Slovak<br>koruna<br>SKK 1 | 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 2 |
| <b>End of year</b>       |                              |                           |                      |                                           |                       |                           |                        |                            |                             |
| 2008                     | 4.0225                       | 30.126                    | 10.8700              | 2.0274                                    | 3.2436                | 1.6998                    | 9.4956                 | 10.7858                    | —                           |
| 2009                     | 4.2363                       | —                         | 10.2520              | 1.6008                                    | 2.5113                | 1.5128                    | 9.8350                 | 11.1709                    | —                           |
| 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                      |
| <b>Annual averages +</b> |                              |                           |                      |                                           |                       |                           |                        |                            |                             |
| 2008                     | 3.6826                       | 31.262                    | 9.6152               | 1.7416                                    | 2.6737                | 1.5594                    | 10.2236                | 11.4541                    | 143.83                      |
| 2009                     | 4.2399                       | —                         | 10.6191              | 1.7727                                    | 2.7674                | 1.5850                    | 9.5277                 | 10.8114                    | —                           |
| 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                      |

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

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

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

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

EUR 1 = CU ...

| Other European and non-European countries (cont'd) |                          |                     |                     |                         |                          |                     |                           |                        |         |
|----------------------------------------------------|--------------------------|---------------------|---------------------|-------------------------|--------------------------|---------------------|---------------------------|------------------------|---------|
| India                                              | Indonesia                | Israel              | Japan               | Korea, Republic of      | Malaysia                 | Mexico              | New Zealand               | Norway                 |         |
| Indian rupee<br>INR 1                              | Indonesian rupiah<br>IDR | New shekel<br>ILS 2 | 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>                                 |                          |                     |                     |                         |                          |                     |                           |                        |         |
| 2008                                               | 67.4370                  | 15,239.12           | 5,2919              | 126.14                  | 1,839.13                 | 4,8048              | 19.2333                   | 2.4191                 | 9.7500  |
| 2009                                               | 67.0400                  | 13,626.13           | 5.4524              | 133.16                  | 1,666.97                 | 4.9326              | 18.9223                   | 1.9803                 | 8.3000  |
| 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  |
| <b>Annual averages +</b>                           |                          |                     |                     |                         |                          |                     |                           |                        |         |
| 2008                                               | 63.6143                  | 14,165.16           | 5.2561              | 152.45                  | 1,606.09                 | 4.8893              | 16.2911                   | 2.0770                 | 8.2237  |
| 2009                                               | 67.3611                  | 14,443.74           | 5.4668              | 130.34                  | 1,772.90                 | 4.9079              | 18.7989                   | 2.2121                 | 8.7278  |
| 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 |

| 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 | Singapore dollar<br>SGD | South African rand<br>ZAR | Swiss franc<br>CHF | Thai baht<br>THB | Turkish lira<br>TRY 3 | Pound sterling<br>GBP | US dollar<br>USD |        |
| <b>End of year</b>                                 |                       |                         |                           |                    |                  |                       |                       |                  |        |
| 2008                                               | 65.930                | 41.2830                 | 2.0040                    | 13.0667            | 1.4850           | 48.285                | 2.1488                | 0.95250          | 1.3917 |
| 2009                                               | 66.507                | 43.1540                 | 2.0194                    | 10.6660            | 1.4836           | 47.986                | 2.1547                | 0.88810          | 1.4406 |
| 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 |
| <b>Annual averages +</b>                           |                       |                         |                           |                    |                  |                       |                       |                  |        |
| 2008                                               | 65.172                | 36.4207                 | 2.0762                    | 12.0590            | 1.5874           | 48.475                | 1.9064                | 0.79628          | 1.4708 |
| 2009                                               | 66.338                | 44.1376                 | 2.0241                    | 11.6737            | 1.5100           | 47.804                | 2.1631                | 0.89094          | 1.3948 |
| 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 |

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Up to December 2008,

ECB indicative rates. 2 Up to December 2010, ECB indicative rates. 3 Up to end-2008, New Turkish lira.

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

### 4. Exchange rates of major currencies

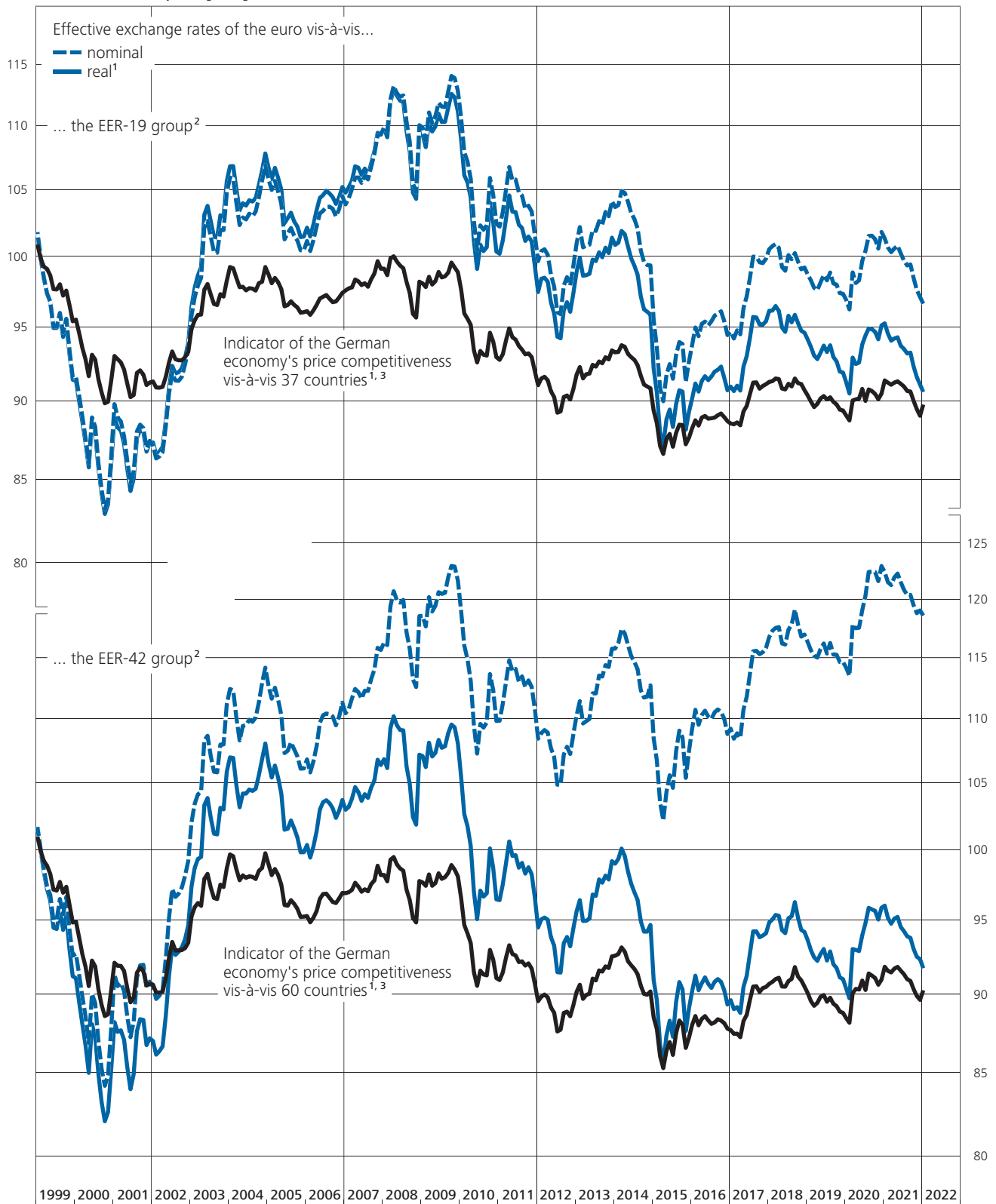


\* See explanatory notes, p. 48. <sup>1</sup> Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

### 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. **1** Based on consumer price indices. **2** Includes the 19 respectively 42 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

### III. Effective exchange rates

#### 2. Effective exchange rates of the euro \*

Q1 1999 = 100

| Effective exchange rates of the euro vis-à-vis the currencies of the group |         |                                               |                                                                |                                                              |         |                                               |
|----------------------------------------------------------------------------|---------|-----------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|---------|-----------------------------------------------|
| EER-19 <sup>1</sup>                                                        |         |                                               |                                                                | EER-42 <sup>1</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 |
| 2000                                                                       | 87.1    | 86.8                                          | 86.1                                                           | 85.5                                                         | 88.1    | 86.1                                          |
| 2001                                                                       | 87.6    | 87.1                                          | 86.8                                                           | 84.5                                                         | 90.2    | 86.9                                          |
| 2002                                                                       | 89.8    | 90.2                                          | 89.9                                                           | 88.0                                                         | 94.5    | 90.5                                          |
| 2003                                                                       | 100.4   | 101.3                                         | 101.0                                                          | 99.0                                                         | 106.4   | 101.5                                         |
| 2004                                                                       | 104.2   | 105.2                                         | 104.0                                                          | 102.2                                                        | 110.9   | 105.3                                         |
| 2005                                                                       | 102.8   | 103.8                                         | 102.0                                                          | 100.6                                                        | 109.0   | 102.9                                         |
| 2006                                                                       | 102.8   | 103.8                                         | 101.5                                                          | 99.4                                                         | 109.1   | 102.2                                         |
| 2007                                                                       | 106.3   | 106.8                                         | 103.6                                                          | 101.1                                                        | 112.7   | 104.4                                         |
| 2008                                                                       | 110.1   | 109.7                                         | 105.8                                                          | 104.9                                                        | 117.4   | 106.9                                         |
| 2009                                                                       | 111.6   | 110.5                                         | 107.0                                                          | 108.6                                                        | 120.5   | 107.9                                         |
| 2010                                                                       | 104.4   | 102.8                                         | 98.8                                                           | 101.0                                                        | 111.9   | 99.0                                          |
| 2011                                                                       | 104.2   | 101.9                                         | 97.0                                                           | 99.3                                                         | 112.7   | 98.5                                          |
| 2012                                                                       | 98.5    | 96.7                                          | 91.4                                                           | 93.7                                                         | 107.5   | 93.7                                          |
| 2013                                                                       | 102.0   | 99.7                                          | 94.5                                                           | 96.6                                                         | 112.2   | 96.7                                          |
| 2014                                                                       | 102.3   | 99.1                                          | 94.4                                                           | 96.7                                                         | 114.5   | 97.1                                          |
| 2015                                                                       | 92.5    | 89.4                                          | 85.8                                                           | 86.1                                                         | 106.1   | 88.6                                          |
| 2016                                                                       | 95.2    | 91.4                                          | 88.1                                                           | p 87.3                                                       | 110.1   | 90.6                                          |
| 2017                                                                       | 97.4    | 93.3                                          | 89.2                                                           | p 87.9                                                       | 112.4   | 91.8                                          |
| 2018                                                                       | 99.9    | 95.5                                          | 90.7                                                           | p 89.4                                                       | 117.3   | 94.9                                          |
| 2019                                                                       | 98.1    | 93.1                                          | 88.9                                                           | p 87.0                                                       | 115.4   | 92.3                                          |
| 2020                                                                       | 99.6    | 93.5                                          | p 89.4                                                         | p 87.5                                                       | 119.4   | 93.8                                          |
| 2021                                                                       | 99.6    | p 93.4                                        | ...                                                            | ...                                                          | 120.8   | p 94.2                                        |
| 2020 Feb.                                                                  | 96.2    | 90.5                                          | 88.0                                                           | p 86.7                                                       | 113.5   | 89.7                                          |
| Mar.                                                                       | 98.8    | 92.9                                          |                                                                |                                                              | 117.8   | 93.0                                          |
| Apr.                                                                       | 98.1    | 92.5                                          |                                                                |                                                              | 117.5   | 92.9                                          |
| May                                                                        | 98.3    | 92.6                                          | 89.0                                                           | p 87.3                                                       | 117.5   | 92.9                                          |
| June                                                                       | 99.7    | 93.8                                          |                                                                |                                                              | 119.1   | 93.9                                          |
| July                                                                       | 100.4   | 94.4                                          |                                                                |                                                              | 120.3   | 94.8                                          |
| Aug.                                                                       | 101.5   | 94.9                                          | 90.1                                                           | p 88.2                                                       | 122.4   | 95.8                                          |
| Sep.                                                                       | 101.5   | 94.8                                          |                                                                |                                                              | 122.4   | 95.7                                          |
| Oct.                                                                       | 101.3   | 94.7                                          |                                                                |                                                              | 122.4   | 95.6                                          |
| Nov.                                                                       | 100.6   | 94.1                                          | p 90.4                                                         | p 87.8                                                       | 121.6   | 95.0                                          |
| Dec.                                                                       | 101.8   | 95.1                                          |                                                                |                                                              | 122.9   | 95.8                                          |
| 2021 Jan.                                                                  | 101.3   | 95.2                                          |                                                                |                                                              | 122.4   | 96.0                                          |
| Feb.                                                                       | 100.6   | 94.5                                          | p 90.0                                                         | p 87.6                                                       | 121.5   | 95.1                                          |
| Mar.                                                                       | 100.3   | 94.0                                          |                                                                |                                                              | 121.2   | 94.7                                          |
| Apr.                                                                       | 100.6   | 94.2                                          |                                                                |                                                              | 121.9   | 95.1                                          |
| May                                                                        | 100.8   | 94.3                                          | p 88.9                                                         | p 85.5                                                       | 122.3   | 95.2                                          |
| June                                                                       | 100.2   | 93.7                                          |                                                                |                                                              | 121.5   | 94.5                                          |
| July                                                                       | 99.7    | 93.5                                          |                                                                |                                                              | 120.8   | 94.2                                          |
| Aug.                                                                       | 99.3    | 93.2                                          | p 88.0                                                         | p 84.6                                                       | 120.4   | 93.9                                          |
| Sep.                                                                       | 99.4    | 93.2                                          |                                                                |                                                              | 120.4   | p 93.8                                        |
| Oct.                                                                       | 98.4    | p 92.3                                        |                                                                |                                                              | 119.5   | p 93.0                                        |
| Nov.                                                                       | 97.6    | p 91.6                                        | ...                                                            | ...                                                          | 118.8   | p 92.5                                        |
| Dec.                                                                       | 97.1    | p 91.1                                        |                                                                |                                                              | 119.0   | p 92.3                                        |
| 2022 Jan.                                                                  | 96.6    | p 90.6                                        |                                                                |                                                              | 118.6   | p 91.7                                        |
| 2022 Jan. 17                                                               | 96.9    | —                                             | —                                                              | —                                                            | 118.9   | —                                             |
| 18                                                                         | 96.8    | —                                             | —                                                              | —                                                            | 118.8   | —                                             |
| 19                                                                         | 96.5    | —                                             | —                                                              | —                                                            | 118.5   | —                                             |
| 20                                                                         | 96.5    | —                                             | —                                                              | —                                                            | 118.4   | —                                             |
| 21                                                                         | 96.6    | —                                             | —                                                              | —                                                            | 118.5   | —                                             |
| 24                                                                         | 96.5    | —                                             | —                                                              | —                                                            | 118.5   | —                                             |
| 25                                                                         | 96.4    | —                                             | —                                                              | —                                                            | 118.4   | —                                             |
| 26                                                                         | 96.4    | —                                             | —                                                              | —                                                            | 118.4   | —                                             |
| 27                                                                         | 96.0    | —                                             | —                                                              | —                                                            | 117.8   | —                                             |
| 28                                                                         | 96.0    | —                                             | —                                                              | —                                                            | 117.7   | —                                             |
| 31                                                                         | 96.0    | —                                             | —                                                              | —                                                            | 117.7   | —                                             |
| Feb. 1                                                                     | 96.4    | —                                             | —                                                              | —                                                            | 118.2   | —                                             |
| 2                                                                          | 96.6    | —                                             | —                                                              | —                                                            | 118.4   | —                                             |
| 3                                                                          | 96.4    | —                                             | —                                                              | —                                                            | 118.2   | —                                             |
| 4                                                                          | 97.6    | —                                             | —                                                              | —                                                            | 119.8   | —                                             |
| 7                                                                          | 97.5    | —                                             | —                                                              | —                                                            | 119.7   | —                                             |
| 8                                                                          | 97.3    | —                                             | —                                                              | —                                                            | 119.4   | —                                             |
| 9                                                                          | 97.3    | —                                             | —                                                              | —                                                            | 119.4   | —                                             |
| 10                                                                         | 97.4    | —                                             | —                                                              | —                                                            | 119.4   | —                                             |
| 11                                                                         | 97.3    | —                                             | —                                                              | —                                                            | 119.3   | —                                             |
| 14                                                                         | 96.8    | —                                             | —                                                              | —                                                            | 118.7   | —                                             |

\* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and

wage indices were not available, estimates were used. <sup>1</sup> Includes the 19 respectively 42 most important trading partners for the euro area economy.

### III. Effective exchange rates

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

Q1 1999 = 100

| Yearly,<br>quarterly<br>or monthly<br>average | Based on the deflators of total sales vis-à-vis |                        |                            |                           | Based on consumer price indices vis-à-vis     |                        |                            |                           |                           |  |
|-----------------------------------------------|-------------------------------------------------|------------------------|----------------------------|---------------------------|-----------------------------------------------|------------------------|----------------------------|---------------------------|---------------------------|--|
|                                               | 26 selected industrial countries <sup>1</sup>   |                        |                            | 37 countries <sup>2</sup> | 26 selected industrial countries <sup>1</sup> |                        |                            | 37 countries <sup>2</sup> | 60 countries <sup>2</sup> |  |
|                                               | Total                                           | of which:              |                            |                           | Total                                         | of which:              |                            |                           |                           |  |
|                                               |                                                 | Euro<br>area countries | Non-euro<br>area countries |                           |                                               | Euro<br>area countries | Non-euro<br>area countries |                           |                           |  |
| 2000                                          | 92.0                                            | 97.4                   | 85.5                       | 91.2                      | 93.1                                          | 99.0                   | 86.1                       | 92.3                      | 91.2                      |  |
| 2001                                          | 91.7                                            | 96.5                   | 86.0                       | 90.5                      | 93.0                                          | 98.1                   | 86.9                       | 91.7                      | 91.1                      |  |
| 2002                                          | 92.3                                            | 95.6                   | 88.5                       | 91.0                      | 93.5                                          | 96.9                   | 89.4                       | 92.2                      | 91.9                      |  |
| 2003                                          | 95.8                                            | 94.7                   | 97.6                       | 95.3                      | 97.0                                          | 95.7                   | 99.0                       | 96.7                      | 96.9                      |  |
| 2004                                          | 96.2                                            | 93.5                   | 100.0                      | 95.6                      | 98.5                                          | 95.4                   | 102.8                      | 98.2                      | 98.5                      |  |
| 2005                                          | 94.7                                            | 92.0                   | 98.8                       | 93.3                      | 98.4                                          | 95.2                   | 103.1                      | 97.1                      | 96.8                      |  |
| 2006                                          | 93.5                                            | 90.3                   | 98.2                       | 91.6                      | 98.6                                          | 94.8                   | 104.0                      | 96.7                      | 96.1                      |  |
| 2007                                          | 94.5                                            | 89.6                   | 102.0                      | 91.9                      | 100.9                                         | 95.1                   | 109.6                      | 98.3                      | 97.4                      |  |
| 2008                                          | 94.8                                            | 88.3                   | 105.2                      | 91.2                      | 102.4                                         | 94.5                   | 114.6                      | 98.4                      | 97.6                      |  |
| 2009                                          | 95.2                                            | 89.1                   | 104.7                      | 92.0                      | 101.9                                         | 94.4                   | 113.5                      | 98.6                      | 98.0                      |  |
| 2010                                          | 92.5                                            | 88.7                   | 98.2                       | 88.1                      | 98.8                                          | 94.0                   | 105.7                      | 94.3                      | 92.6                      |  |
| 2011                                          | 92.1                                            | 88.4                   | 97.6                       | 87.3                      | 98.2                                          | 93.7                   | 104.7                      | 93.5                      | 92.0                      |  |
| 2012                                          | 90.1                                            | 88.3                   | 92.5                       | 84.7                      | 95.9                                          | 93.2                   | 99.5                       | 90.5                      | 89.0                      |  |
| 2013                                          | 92.3                                            | 88.7                   | 97.5                       | 86.6                      | 98.1                                          | 93.3                   | 105.2                      | 92.3                      | 91.0                      |  |
| 2014                                          | 92.9                                            | 89.6                   | 97.7                       | 87.4                      | 98.2                                          | 93.6                   | 104.7                      | 92.5                      | 91.6                      |  |
| 2015                                          | 89.8                                            | 90.2                   | 88.9                       | 83.6                      | 94.4                                          | 94.1                   | 94.4                       | 87.8                      | 87.0                      |  |
| 2016                                          | 90.6                                            | 90.7                   | 90.4                       | 84.9                      | 95.0                                          | 94.1                   | 96.1                       | 88.8                      | 88.2                      |  |
| 2017                                          | 91.9                                            | 90.8                   | 93.3                       | 85.7                      | 96.3                                          | 94.3                   | 99.2                       | 89.9                      | 89.0                      |  |
| 2018                                          | 93.1                                            | 90.9                   | 96.4                       | 86.7                      | 97.7                                          | 94.4                   | 102.4                      | 91.1                      | 90.9                      |  |
| 2019                                          | 92.1                                            | 91.1                   | 93.5                       | 85.8                      | 96.4                                          | 94.3                   | 99.2                       | 89.9                      | 89.5                      |  |
| 2020                                          | 92.1                                            | 91.2                   | 93.3                       | 86.2                      | 96.4                                          | 94.2                   | 99.5                       | 90.1                      | 90.3                      |  |
| 2021                                          | ...                                             | ...                    | ...                        | ...                       | <b>p</b> 97.4                                 | <b>p</b> 94.8          | <b>p</b> 100.9             | <b>p</b> 90.7             | <b>p</b> 91.1             |  |
| 2018 Aug.<br>Sep.                             | 93.0                                            | 90.9                   | 96.1                       | 86.7                      | 97.3                                          | 94.2                   | 101.5                      | 91.0                      | 91.0                      |  |
|                                               |                                                 |                        |                            |                           | 97.7                                          | 94.6                   | 102.2                      | 91.5                      | 91.8                      |  |
| Oct.<br>Nov.<br>Dec.                          | 92.9                                            | 91.3                   | 95.3                       | 86.7                      | 97.3                                          | 94.5                   | 101.4                      | 91.2                      | 91.1                      |  |
|                                               |                                                 |                        |                            |                           | 97.3                                          | 94.7                   | 101.0                      | 91.1                      | 90.9                      |  |
|                                               |                                                 |                        |                            |                           | 97.1                                          | 94.4                   | 100.8                      | 90.7                      | 90.5                      |  |
| 2019 Jan.<br>Feb.<br>Mar.                     | 92.1                                            | 90.7                   | 94.1                       | 85.6                      | 96.8                                          | 94.2                   | 100.3                      | 90.4                      | 90.1                      |  |
|                                               |                                                 |                        |                            |                           | 96.5                                          | 94.0                   | 99.9                       | 90.0                      | 89.5                      |  |
|                                               |                                                 |                        |                            |                           | 96.2                                          | 93.9                   | 99.2                       | 89.6                      | 89.2                      |  |
| Apr.<br>May<br>June                           | 92.1                                            | 90.9                   | 93.8                       | 85.6                      | 96.5                                          | 94.3                   | 99.4                       | 89.8                      | 89.4                      |  |
|                                               |                                                 |                        |                            |                           | 96.7                                          | 94.5                   | 99.6                       | 90.2                      | 89.8                      |  |
|                                               |                                                 |                        |                            |                           | 96.8                                          | 94.4                   | 100.2                      | 90.3                      | 89.9                      |  |
| July<br>Aug.<br>Sep.                          | 92.2                                            | 91.3                   | 93.5                       | 86.0                      | 96.7                                          | 94.4                   | 99.7                       | 90.1                      | 89.5                      |  |
|                                               |                                                 |                        |                            |                           | 96.5                                          | 94.3                   | 99.5                       | 90.2                      | 89.8                      |  |
|                                               |                                                 |                        |                            |                           | 96.2                                          | 94.4                   | 98.4                       | 89.9                      | 89.4                      |  |
| Oct.<br>Nov.<br>Dec.                          | 92.0                                            | 91.4                   | 92.8                       | 85.8                      | 96.2                                          | 94.4                   | 98.5                       | 89.8                      | 89.2                      |  |
|                                               |                                                 |                        |                            |                           | 95.9                                          | 94.4                   | 97.9                       | 89.4                      | 88.9                      |  |
|                                               |                                                 |                        |                            |                           | 95.9                                          | 94.4                   | 97.8                       | 89.4                      | 88.8                      |  |
| 2020 Jan.<br>Feb.<br>Mar.                     | 91.6                                            | 91.3                   | 91.9                       | 85.4                      | 95.9                                          | 94.5                   | 97.6                       | 89.1                      | 88.4                      |  |
|                                               |                                                 |                        |                            |                           | 95.5                                          | 94.5                   | 96.6                       | 88.7                      | 88.1                      |  |
|                                               |                                                 |                        |                            |                           | 96.4                                          | 94.6                   | 98.8                       | 90.0                      | 90.1                      |  |
| Apr.<br>May<br>June                           | 91.2                                            | 91.1                   | 91.2                       | 85.8                      | 96.2                                          | 94.8                   | 98.0                       | 90.1                      | 90.3                      |  |
|                                               |                                                 |                        |                            |                           | 96.3                                          | 94.8                   | 98.2                       | 90.2                      | 90.3                      |  |
|                                               |                                                 |                        |                            |                           | 97.0                                          | 94.8                   | 100.1                      | 90.8                      | 90.9                      |  |
| July<br>Aug.<br>Sep.                          | 92.7                                            | 91.3                   | 94.6                       | 86.9                      | 96.0                                          | 93.4                   | 99.7                       | 90.0                      | 90.3                      |  |
|                                               |                                                 |                        |                            |                           | 97.0                                          | 94.1                   | 101.0                      | 90.8                      | 91.4                      |  |
|                                               |                                                 |                        |                            |                           | 96.8                                          | 93.9                   | 101.0                      | 90.7                      | 91.2                      |  |
| Oct.<br>Nov.<br>Dec.                          | 92.9                                            | 91.1                   | 95.4                       | 86.7                      | 96.6                                          | 93.8                   | 100.7                      | 90.5                      | 91.1                      |  |
|                                               |                                                 |                        |                            |                           | 96.5                                          | 93.7                   | 100.5                      | 90.1                      | 90.6                      |  |
|                                               |                                                 |                        |                            |                           | 96.9                                          | 93.6                   | 101.8                      | 90.5                      | 91.0                      |  |
| 2021 Jan.<br>Feb.<br>Mar.                     | 93.0                                            | 91.3                   | 95.4                       | 86.7                      | 97.9                                          | 94.6                   | 102.7                      | 91.4                      | 91.8                      |  |
|                                               |                                                 |                        |                            |                           | 97.9                                          | 94.9                   | 102.2                      | 91.2                      | 91.5                      |  |
|                                               |                                                 |                        |                            |                           | 97.7                                          | 94.9                   | 101.6                      | 91.1                      | 91.4                      |  |
| Apr.<br>May<br>June                           | 92.9                                            | 91.1                   | 95.5                       | 86.4                      | 97.9                                          | 95.0                   | 102.0                      | 91.2                      | 91.7                      |  |
|                                               |                                                 |                        |                            |                           | 98.1                                          | 95.0                   | 102.4                      | 91.3                      | 91.8                      |  |
|                                               |                                                 |                        |                            |                           | 98.0                                          | 95.2                   | 101.9                      | 91.1                      | 91.5                      |  |
| July<br>Aug.<br>Sep.                          | 93.9                                            | 92.4                   | 96.0                       | 87.2                      | 97.6                                          | 95.2                   | 101.1                      | 91.0                      | 91.3                      |  |
|                                               |                                                 |                        |                            |                           | 97.3                                          | 95.0                   | 100.5                      | 90.7                      | 91.0                      |  |
|                                               |                                                 |                        |                            |                           | 97.3                                          | 94.9                   | 100.6                      | 90.6                      | <b>p</b> 90.9             |  |
| Oct.<br>Nov.<br>Dec.                          | ...                                             | ...                    | ...                        | ...                       | 96.7                                          | 94.6                   | 99.4                       | <b>p</b> 90.0             | <b>p</b> 90.3             |  |
|                                               |                                                 |                        |                            |                           | 96.1                                          | 94.4                   | 98.4                       | <b>p</b> 89.5             | <b>p</b> 89.9             |  |
|                                               |                                                 |                        |                            |                           | <b>p</b> 95.8                                 | <b>p</b> 94.2          | <b>p</b> 97.9              | <b>p</b> 89.0             | <b>p</b> 89.6             |  |
| 2022 Jan.                                     |                                                 |                        |                            |                           | <b>p</b> 96.8                                 | <b>p</b> 95.3          | <b>p</b> 98.7              | <b>p</b> 89.8             | <b>p</b> 90.2             |  |

\* 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.

#### 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>2021 | Rate at end of month |               |              |
|---------------------------------|--------------------------------------|-----------------|-----------|------------------------|----------------------|---------------|--------------|
|                                 |                                      |                 |           |                        | November 2021        | December 2021 | January 2022 |
| Afghanistan                     |                                      |                 |           |                        |                      |               |              |
| Kabul                           | Afghani<br>= 100 puls                | B               | USD 1 =   | AFN 84.6650            | AFN 96.1600          | AFN 103.5227  | AFN 100.5813 |
|                                 |                                      | S               | USD 1 =   | AFN 84.7650            | AFN 96.2600          | AFN 103.6227  | AFN 100.6813 |
|                                 | AFN                                  | B               | EUR 1 =   | AFN 98.5505            | AFN 107.5283         | AFN 113.0200  | AFN 112.0305 |
|                                 |                                      | S               | EUR 1 =   | AFN 98.8105            | AFN 107.7883         | AFN 113.2800  | AFN 112.2905 |
| Albania                         |                                      |                 |           |                        |                      |               |              |
| Tirana                          | Albanian lek<br>= 100 qindarka       | M               | USD 1 =   | ALL 103.55             | ALL 107.49           | ALL 106.54    | ALL 108.18   |
|                                 |                                      | M               | EUR 1 =   | ALL 122.44             | ALL 121.19           | ALL 120.76    | ALL 120.90   |
|                                 | ALL                                  |                 |           |                        |                      |               |              |
| Algeria                         |                                      |                 |           |                        |                      |               |              |
| Algiers                         | Algerian dinar<br>= 100 centimes     | B               | USD 1 =   | DZD 135.0950           | DZD 138.5714         | DZD 138.7192  | DZD 140.4055 |
|                                 |                                      | S               | USD 1 =   | DZD 135.1100           | DZD 138.5864         | DZD 138.7342  | DZD 140.4205 |
|                                 | DZD                                  | B               | EUR 1 =   | DZD 159.7263           | DZD 157.4448         | DZD 157.1550  | DZD 156.6785 |
|                                 |                                      | S               | EUR 1 =   | DZD 159.7809           | DZD 157.5173         | DZD 157.2275  | DZD 156.7093 |
| Angola <sup>1</sup>             |                                      |                 |           |                        |                      |               |              |
| Luanda                          | Kwanza<br>= 100 cêntimos             | M               | USD 1 =   | AOA 618.590            | AOA 565.138          | AOA 554.981   | AOA 529.092  |
|                                 |                                      | M               | EUR 1 =   | AOA 731.649            | AOA 641.233          | AOA 629.015   | AOA 590.519  |
| AOA                             |                                      |                 |           |                        |                      |               |              |
| Antigua and 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 3.1793             | XCD 3.0546           | XCD 3.0447    | XCD 2.9990   |
|                                 |                                      | V, S            | EUR 1 =   | XCD 3.2133             | XCD 3.0872           | XCD 3.0772    | XCD 3.0310   |
| Argentina <sup>1</sup>          |                                      |                 |           |                        |                      |               |              |
| Buenos Aires                    | Argentine peso<br>= 100 centavos     | B               | USD 1 =   | ARS 94.9607            | ARS 100.7600         | ARS 102.5200  | ARS 104.8200 |
|                                 |                                      | S               | USD 1 =   | ARS 95.1607            | ARS 100.9600         | ARS 102.7200  | ARS 105.0200 |
|                                 | ARS                                  | B               | EUR 1 =   | ARS 112.1389           | ARS 113.9193         | ARS 115.8886  | ARS 117.5137 |
|                                 |                                      | S               | EUR 1 =   | ARS 112.6132           | ARS 114.3978         | ARS 116.3715  | ARS 118.0005 |
| Armenia                         |                                      |                 |           |                        |                      |               |              |
| Yerevan                         | Armenian dram<br>= 100 luma          | M               | USD 1 =   | AMD 502.79             | AMD 486.28           | AMD 480.14    | AMD 482.78   |
|                                 |                                      | M               | EUR 1 =   | AMD 595.28             | AMD 552.46           | AMD 542.61    | AMD 539.55   |
| AMD                             |                                      |                 |           |                        |                      |               |              |
| 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 210.44             | AWG 202.26           | AWG 201.81    | AWG 198.76   |
|                                 |                                      | S               | EUR 100 = | AWG 212.56             | AWG 204.30           | AWG 203.84    | AWG 200.75   |

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>2021 | Rate at end of month |               |               |
|---------------------------------|------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                 |                                    |                 |         |                        | November 2021        | December 2021 | January 2022  |
| Australia                       |                                    |                 |         |                        |                      |               |               |
| Canberra                        | Australian dollar<br>= 100 cents   | M               | AUD 1 = | USD 0.7514             | USD 0.7144           | USD 0.7256    | USD 0.7011    |
|                                 |                                    | M               | AUD 1 = | EUR 0.6346             | EUR 0.6323           | EUR 0.6411    | EUR 0.6281    |
|                                 | AUD                                |                 |         |                        |                      |               |               |
| Austria                         |                                    |                 |         |                        |                      |               |               |
| Vienna                          | Euro<br>= 100 cent                 | M               | EUR 1 = | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156    |
|                                 | EUR                                |                 |         |                        |                      |               |               |
| Azerbaijan                      |                                    |                 |         |                        |                      |               |               |
| Baku                            | Azerbaijan manat<br>= 100 qapik    | M               | USD 1 = | AZN 1.7000             | AZN 1.7000           | AZN 1.7000    | AZN 1.7000    |
|                                 | AZN                                | M               | EUR 1 = | AZN 2.0116             | AZN 1.9204           | AZN 1.9265    | AZN 1.8974    |
| Bahamas                         |                                    |                 |         |                        |                      |               |               |
| Nassau                          | Bahamian dollar<br>= 100 cents     | 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    |
|                                 | BSD                                | V, B            | EUR 1 = | BSD 1.17679            | BSD 1.13062          | BSD 1.12694   | BSD 1.11002   |
|                                 |                                    | V, S            | EUR 1 = | BSD 1.19748            | BSD 1.15050          | BSD 1.14676   | BSD 1.12955   |
| Bahrain                         |                                    |                 |         |                        |                      |               |               |
| Manama                          | Bahraini dinar<br>= 1,000 fils     | 2 M             | USD 1 = | BHD 0.376081           | BHD 0.376081         | BHD 0.376081  | BHD 0.376081  |
|                                 |                                    | M               | EUR 1 = | BHD 0.4436253          | BHD 0.4245390        | BHD 0.4268900 | BHD 0.4191990 |
| Bahrain                         |                                    |                 |         |                        |                      |               |               |
| Bangladesh <sup>1</sup>         |                                    |                 |         |                        |                      |               |               |
| Dhaka                           | Taka<br>= 100 poisha               | B               | USD 1 = | BDT 85.1309            | BDT 85.8000          | BDT 85.8000   | BDT 86.0000   |
|                                 |                                    | S               | USD 1 = | BDT 85.1410            | BDT 85.8000          | BDT 85.8000   | BDT 86.0000   |
|                                 | BDT                                | B               | EUR 1 = | BDT 100.4158           | BDT 96.8768          | BDT 97.3658   | BDT 95.8298   |
|                                 |                                    | S               | EUR 1 = | BDT 100.4638           | BDT 96.9025          | BDT 97.4002   | BDT 95.8642   |
| Barbados                        |                                    |                 |         |                        |                      |               |               |
| Bridgetown                      | Barbados dollar<br>= 100 cents     | 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   |
|                                 | BBD                                | B               | EUR 1 = | BBD 2.35384            | BBD 2.25219          | BBD 2.25150   | BBD 2.22083   |
|                                 |                                    | S               | EUR 1 = | BBD 2.39797            | BBD 2.29442          | BBD 2.29371   | BBD 2.26247   |
| Belarus                         |                                    |                 |         |                        |                      |               |               |
| Minsk                           | Belarusian rouble<br>= 100 kopecks | M               | USD 1 = | BYN 2.5377             | BYN 2.5550           | BYN 2.5481    | BYN 2.6149    |
|                                 | BYN                                | M               | EUR 1 = | BYN 3.0020             | BYN 2.8792           | BYN 2.8826    | BYN 2.9113    |

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>2021                                   | Rate at end of month                                     |                                                          |                                                          |
|-------------------------------------------------|-----------------------------------------------|--------------------------------|----------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
|                                                 |                                               |                                |                                              |                                                          | November 2021                                            | December 2021                                            | January 2022                                             |
| Belgium                                         |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Brussels                                        | Euro<br>= 100 cent<br><br>EUR                 | M                              | EUR 1 =                                      | USD 1.1827                                               | USD 1.1363                                               | USD 1.1326                                               | USD 1.1156                                               |
| Belize                                          |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Belmopan                                        | Belize dollar<br>= 100 cents<br><br>BZD       | 2 B<br>2 S<br><br>B<br>S       | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.3422<br>BZD 2.3835 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.2533<br>BZD 2.2931 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.2456<br>BZD 2.2852 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.2196<br>BZD 2.2588 |
| Benin <sup>1</sup>                              |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Porto-Novo<br>Seat of<br>government:<br>Cotonou | CFA franc<br><br>XOF                          | B<br>S<br><br>3                | USD 1 =<br>USD 1 =<br><br>EUR 1 =            | XOF 551.75<br>XOF 558.75<br><br>XOF 655.957              | XOF 576.25<br>XOF 583.25<br><br>XOF 655.957              | XOF 576.50<br>XOF 583.50<br><br>XOF 655.957              | XOF 584.25<br>XOF 591.25<br><br>XOF 655.957              |
| Bermuda                                         |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Hamilton                                        | Bermudian dollar<br>= 100 cents<br><br>BMD    | 2 B<br>2 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 1.1780<br>BMD 1.1878 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1318<br>BMD 1.1412 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1281<br>BMD 1.1375 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1111<br>BMD 1.1204 |
| 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 72.73<br>BTN 74.98<br><br>BTN 85.82<br>BTN 88.20     | BTN 74.00<br>BTN 76.30<br><br>BTN 83.45<br>BTN 85.75     | BTN 73.30<br>BTN 75.60<br><br>BTN 82.80<br>BTN 85.05     | BTN 73.95<br>BTN 76.25<br><br>BTN 82.25<br>BTN 84.50     |
| Bolivia, Plurinational State of                 |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| 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 8.1115<br>BOB 8.2297     | BOB 6.86<br>BOB 6.96<br><br>BOB 7.7950<br>BOB 7.9086     | BOB 6.86<br>BOB 6.96<br><br>BOB 7.7696<br>BOB 7.8829     | BOB 6.86<br>BOB 6.96<br><br>BOB 7.6530<br>BOB 7.7646     |
| Bosnia and Herzegovina                          |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Sarajevo                                        | Convertible marka<br>= 100 feninga<br><br>BAM | B<br>S<br><br>3                | USD 1 =<br>USD 1 =<br><br>EUR 1 =            | BAM 1.652476<br>BAM 1.660759<br><br>BAM 1.95583          | BAM 1.730171<br>BAM 1.738843<br><br>BAM 1.95583          | BAM 1.721317<br>BAM 1.729945<br><br>BAM 1.95583          | BAM 1.751607<br>BAM 1.760387<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 0.0899<br>USD 0.0897<br><br>EUR 0.0761<br>EUR 0.0759 | USD 0.0852<br>USD 0.0850<br><br>EUR 0.0750<br>EUR 0.0749 | USD 0.0852<br>USD 0.0850<br><br>EUR 0.0752<br>EUR 0.0750 | USD 0.0857<br>USD 0.0855<br><br>EUR 0.0768<br>EUR 0.0766 |

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.  
2 Value against the US dollar. 3 Value against the euro.

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

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code       | Type of<br>rate | Unit    | Annual average<br>2021 | Rate at end of month |                |                |
|---------------------------------|-------------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                 |                                     |                 |         |                        | November 2021        | December 2021  | January 2022   |
| Brazil                          |                                     |                 |         |                        |                      |                |                |
| Brasília                        | Brazilian real<br>= 100 centavos    | B               | USD 1 = | BRL 5.3949             | BRL 5.6193           | BRL 5.5799     | BRL 5.3568     |
|                                 |                                     | S               | USD 1 = | BRL 5.3956             | BRL 5.6199           | BRL 5.5805     | BRL 5.3574     |
|                                 | BRL                                 | B               | EUR 1 = | BRL 6.3727             | BRL 6.3256           | BRL 6.3187     | BRL 6.0060     |
|                                 |                                     | S               | EUR 1 = | BRL 6.3752             | BRL 6.3286           | BRL 6.3210     | BRL 6.0073     |
| Brunei Darussalam <sup>1</sup>  |                                     |                 |         |                        |                      |                |                |
| Bandar Seri<br>Begawan          | Brunei dollar<br>= 100 cents        | B               | USD 1 = | BND 1.3349             | BND 1.3604           | BND 1.3426     | BND 1.3475     |
|                                 |                                     | S               | USD 1 = | BND 1.3524             | BND 1.3774           | BND 1.3592     | BND 1.3648     |
|                                 | BND                                 | B               | EUR 1 = | BND 1.5607             | BND 1.5191           | BND 1.5082     | BND 1.4861     |
|                                 |                                     | S               | EUR 1 = | BND 1.6152             | BND 1.5732           | BND 1.5614     | BND 1.5401     |
| Bulgaria                        |                                     |                 |         |                        |                      |                |                |
| Sofia                           | Bulgarian lev<br>= 100 stotinkas    | M               | USD 1 = | BGN 1.65458            | BGN 1.72123          | BGN 1.72685    | BGN 1.75316    |
|                                 |                                     | 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 551.75             | XOF 576.25           | XOF 576.50     | XOF 584.25     |
|                                 |                                     | S               | USD 1 = | XOF 558.75             | XOF 583.25           | XOF 583.50     | XOF 591.25     |
|                                 | 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 1,958.5533         | BIF 1,980.8019       | BIF 1,986.0390 | BIF 1,990.8504 |
|                                 |                                     | S               | USD 1 = | BIF 1,998.1200         | BIF 2,020.8181       | BIF 2,026.1610 | BIF 2,031.0696 |
|                                 | BIF                                 | B               | EUR 1 = | BIF 2,313.7970         | BIF 2,240.4850       | BIF 2,248.7919 | BIF 2,222.8840 |
|                                 |                                     | S               | EUR 1 = | BIF 2,360.5404         | BIF 2,285.7474       | BIF 2,294.2221 | BIF 2,267.7908 |
| Cabo Verde                      |                                     |                 |         |                        |                      |                |                |
| Praia                           | Cabo Verde escudo<br>= 100 centavos | B               | USD 1 = | CVE 93.355             | CVE 97.556           | CVE 97.453     | CVE 98.898     |
|                                 |                                     | S               | USD 1 = | CVE 93.557             | CVE 97.758           | CVE 97.655     | CVE 99.100     |
|                                 | 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 4,068              | KHR 4,069            | KHR 4,074      | KHR 4,066      |
|                                 |                                     | B               | EUR 1 = | KHR 4,804              | KHR 4,593            | KHR 4,614      | KHR 4,534      |
|                                 | KHR                                 | S               | EUR 1 = | KHR 4,852              | KHR 4,639            | KHR 4,660      | KHR 4,579      |
| Cameroon <sup>1</sup>           |                                     |                 |         |                        |                      |                |                |
| Yaoundé                         | CFA franc                           | B               | USD 1 = | XAF 552.0688           | XAF 576.8265         | XAF 576.3251   | XAF 584.7758   |
|                                 |                                     | S               | USD 1 = | XAF 556.8834           | XAF 581.7904         | XAF 581.0946   | XAF 588.3814   |
|                                 | 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 1.2535             | CAD 1.2792           | CAD 1.2678     | CAD 1.2719     |
|                                 |                                     | M               | EUR 1 = | CAD 1.4798             | CAD 1.4489           | CAD 1.4391     | CAD 1.4260     |
|                                 | 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.

#### 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>2021 | Rate at end of month |               |               |
|---------------------------------------|------------------------------------------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                       |                                                                              |                 |         |                        | November 2021        | December 2021 | January 2022  |
| Cayman Islands                        |                                                                              |                 |         |                        |                      |               |               |
| George Town                           | Cayman Islands dollar<br>= 100 cents                                         | 2               | KYD 1 = | USD 1.20               | USD 1.20             | USD 1.20      | USD 1.20      |
|                                       |                                                                              | V               | EUR 1 = | KYD 0.9856             | KYD 0.9469           | KYD 0.9438    | KYD 0.9297    |
|                                       | KYD                                                                          |                 |         |                        |                      |               |               |
| Central African Republic <sup>1</sup> |                                                                              |                 |         |                        |                      |               |               |
| Bangui                                | CFA franc                                                                    | B               | USD 1 = | XAF 552.0688           | XAF 576.8265         | XAF 576.3251  | XAF 584.7758  |
|                                       |                                                                              | S               | USD 1 = | XAF 556.8834           | XAF 581.7904         | XAF 581.0946  | XAF 588.3814  |
|                                       | XAF                                                                          | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957   | XAF 655.957   |
| Chad <sup>1</sup>                     |                                                                              |                 |         |                        |                      |               |               |
| N'Djaména                             | CFA franc                                                                    | B               | USD 1 = | XAF 552.0688           | XAF 576.8265         | XAF 576.3251  | XAF 584.7758  |
|                                       |                                                                              | S               | USD 1 = | XAF 556.8834           | XAF 581.7904         | XAF 581.0946  | XAF 588.3814  |
|                                       | XAF                                                                          | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957   | XAF 655.957   |
| Chile                                 |                                                                              |                 |         |                        |                      |               |               |
| Santiago                              | Chilean peso<br>= 100 centavos                                               | M               | USD 1 = | CLP 759.27             | CLP 836.73           | CLP 850.25    | CLP 810.12    |
|                                       |                                                                              | M               | EUR 1 = | CLP 897.37             | CLP 942.69           | CLP 964.44    | CLP 903.85    |
|                                       | CLP                                                                          |                 |         |                        |                      |               |               |
| China                                 |                                                                              |                 |         |                        |                      |               |               |
| Beijing                               | Chinese renminbi <sup>4</sup><br>1 yuan (renminbi)<br>= 10 jiao<br>= 100 fen | M               | USD 1 = | CNY 6.4515             | CNY 6.3794           | CNY 6.3757    | CNY 6.3746    |
|                                       |                                                                              | M               | EUR 1 = | CNY 7.6186             | CNY 7.2063           | CNY 7.2197    | CNY 7.1030    |
|                                       | CNY                                                                          | M               | HKD 1 = | CNY 0.82956            | CNY 0.81792          | CNY 0.81760   | CNY 0.81824   |
| China (Taiwan)                        |                                                                              |                 |         |                        |                      |               |               |
| Taipei                                | New Taiwan dollar<br>= 100 cents                                             | B               | USD 1 = | TWD 27.948             | TWD 27.750           | TWD 27.630    | TWD 27.775    |
|                                       |                                                                              | S               | USD 1 = | TWD 28.048             | TWD 27.850           | TWD 27.730    | TWD 27.875    |
|                                       | TWD                                                                          | B               | EUR 1 = | TWD 32.91              | TWD 31.30            | TWD 31.12     | TWD 30.79     |
|                                       |                                                                              | S               | EUR 1 = | TWD 33.31              | TWD 31.70            | TWD 31.52     | TWD 31.19     |
| Colombia                              |                                                                              |                 |         |                        |                      |               |               |
| Bogotá                                | Colombian peso<br>= 100 centavos                                             | M               | USD 1 = | COP 3,745.89           | COP 4,010.98         | COP 3,981.16  | COP 3,982.60  |
|                                       |                                                                              | V, M            | EUR 1 = | COP 4,427.750          | COP 4,557.677        | COP 4,509.062 | COP 4,442.989 |
|                                       | COP                                                                          |                 |         |                        |                      |               |               |
| Comoros                               |                                                                              |                 |         |                        |                      |               |               |
| Moroni                                | Comorian franc<br>= 100 centimes                                             | V               | USD 1 = | KMF 554.47610          | KMF 432.95587        | KMF 434.37025 | KMF 440.98938 |
|                                       |                                                                              | 3               | EUR 1 = | KMF 491.96775          | KMF 491.96775        | KMF 491.96775 | KMF 491.96775 |
|                                       | KMF                                                                          |                 |         |                        |                      |               |               |
| Congo <sup>1</sup>                    |                                                                              |                 |         |                        |                      |               |               |
| Brazzaville                           | CFA franc                                                                    | B               | USD 1 = | XAF 552.0688           | XAF 576.8265         | XAF 576.3251  | XAF 584.7758  |
|                                       |                                                                              | S               | USD 1 = | XAF 556.8834           | XAF 581.7904         | XAF 581.0946  | XAF 588.3814  |
|                                       | XAF                                                                          | 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>2021           | Rate at end of month             |                                  |                                  |
|---------------------------------------------------|-------------------------------------------------|-----------------|------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|                                                   |                                                 |                 |                        |                                  | November 2021                    | December 2021                    | January 2022                     |
| Congo, Democratic Republic of the                 |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Kinshasa                                          | Congo franc<br>= 100 centimes                   | B<br>S          | USD 1 =<br>USD 1 =     | CDF 1,949.9472<br>CDF 2,029.5369 | CDF 1,959.8246<br>CDF 2,039.8174 | CDF 1,959.9751<br>CDF 2,039.9741 | CDF 1,959.1116<br>CDF 2,039.0753 |
|                                                   | CDF                                             | B<br>S          | EUR 1 =<br>EUR 1 =     | CDF 2,291.5890<br>CDF 2,385.1233 | CDF 2,218.0889<br>CDF 2,308.6232 | CDF 2,217.1829<br>CDF 2,307.6802 | CDF 2,186.4281<br>CDF 2,275.6701 |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Cook Islands <sup>1</sup>                         |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Avarua                                            | Cook Islands dollar <sup>2</sup><br>= 100 cents | B<br>S          | NZD 1 =<br>NZD 1 =     | EUR 0.6094<br>EUR 0.5865         | EUR 0.6159<br>EUR 0.5927         | EUR 0.6147<br>EUR 0.5913         | EUR 0.5994<br>EUR 0.5768         |
|                                                   | NZD                                             |                 |                        |                                  |                                  |                                  |                                  |
| Costa Rica                                        |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| San José                                          | Costa Rican colón<br>= 100 céntimos             | B<br>S          | USD 1 =<br>USD 1 =     | CRC 619.28<br>CRC 625.65         | CRC 626.56<br>CRC 632.20         | CRC 639.06<br>CRC 645.25         | CRC 638.97<br>CRC 646.20         |
|                                                   | CRC                                             | V, B<br>V, S    | EUR 1 =<br>EUR 1 =     | CRC 731.5009<br>CRC 739.0335     | CRC 711.9601<br>CRC 718.3689     | CRC 723.7994<br>CRC 730.8102     | CRC 712.8349<br>CRC 720.9007     |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Côte d'Ivoire <sup>1</sup>                        |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Yamoussoukro<br>Seat of<br>government:<br>Abidjan | CFA franc                                       | B<br>S          | USD 1 =<br>USD 1 =     | XOF 551.75<br>XOF 558.75         | XOF 576.25<br>XOF 583.25         | XOF 576.50<br>XOF 583.50         | XOF 584.25<br>XOF 591.25         |
|                                                   | XOF                                             | 3               | EUR 1 =                | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Croatia                                           |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Zagreb                                            | Kuna<br>= 100 lipa                              | B<br>S          | USD 1 =<br>USD 1 =     | HRK 6.346188<br>HRK 6.384379     | HRK 6.643243<br>HRK 6.683223     | HRK 6.623617<br>HRK 6.663479     | HRK 6.740214<br>HRK 6.780776     |
|                                                   | HRK                                             | B<br>S          | EUR 1 =<br>EUR 1 =     | HRK 7.501896<br>HRK 7.547043     | HRK 7.496236<br>HRK 7.541348     | HRK 7.494622<br>HRK 7.539726     | HRK 7.505902<br>HRK 7.551072     |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Cuba <sup>1</sup>                                 |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Havana                                            | Cuban peso<br>= 100 centavos                    | 4 B<br>4 S      | USD 1 =<br>USD 1 =     | CUP 23.76<br>CUP 24.24           | CUP 23.76<br>CUP 24.24           | CUP 23.76<br>CUP 24.24           | CUP 23.76<br>CUP 24.24           |
|                                                   | CUP                                             | B<br>S          | EUR 1 =<br>EUR 1 =     | CUP 28.08531<br>CUP 28.65269     | CUP 26.88206<br>CUP 27.42514     | CUP 26.88682<br>CUP 27.42998     | CUP 26.49002<br>CUP 27.02518     |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Curaçao                                           |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Willemstad                                        | Netherlands Antillean<br>guilder<br>= 100 cents | 4 B<br>4 S      | USD 1 =<br>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             |
|                                                   | ANG                                             | B<br>S          | EUR 100 =<br>EUR 100 = | ANG 210.45<br>ANG 214.69         | ANG 202.27<br>ANG 206.35         | ANG 201.81<br>ANG 205.88         | ANG 198.77<br>ANG 202.77         |
|                                                   |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Cyprus                                            |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Nicosia                                           | Euro<br>= 100 cent<br><br>EUR                   | M               | EUR 1 =                | USD 1.1827                       | USD 1.1363                       | USD 1.1326                       | USD 1.1156                       |
| Czechia                                           |                                                 |                 |                        |                                  |                                  |                                  |                                  |
| Prague                                            | Czech koruna<br>= 100 heller                    | M               | USD 1 =                | CZK 21.682                       | CZK 22.465                       | CZK 21.951                       | CZK 21.840                       |
|                                                   | CZK                                             | M               | EUR 1 =                | CZK 25.648                       | CZK 25.525                       | CZK 24.860                       | CZK 24.365                       |

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.

#### 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>2021 | Rate at end of month |               |              |
|---------------------------------|-----------------------------------------------------------------|-----------------|-------------|------------------------|----------------------|---------------|--------------|
|                                 |                                                                 |                 |             |                        | November 2021        | December 2021 | January 2022 |
| Denmark                         |                                                                 |                 |             |                        |                      |               |              |
| Copenhagen                      | Danish krone<br>= 100 øre<br><br>DKK                            | M               | USD 100 =   | DKK 629.18             | DKK 654.48           | DKK 656.12    | DKK 667.08   |
|                                 |                                                                 | M               | EUR 100 =   | DKK 743.68             | DKK 743.68           | DKK 743.65    | DKK 744.19   |
| Djibouti                        |                                                                 |                 |             |                        |                      |               |              |
| Djibouti                        | Djibouti franc<br>= 100 centimes<br><br>DJF                     | 2 B             | USD 1 =     | DJF 176.832            | DJF 176.832          | DJF 176.832   | DJF 176.832  |
|                                 |                                                                 | 2 S             | USD 1 =     | DJF 179.498            | DJF 179.498          | DJF 179.498   | DJF 179.498  |
|                                 | B                                                               | EUR 1 =         | DJF 206.82  | DJF 198.23             | DJF 198.85           | DJF 195.88    |              |
|                                 | S                                                               | EUR 1 =         | DJF 215.43  | DJF 205.97             | DJF 206.61           | DJF 203.53    |              |
| Dominica                        |                                                                 |                 |             |                        |                      |               |              |
| Roseau                          | East Caribbean dollar<br>= 100 cents<br><br>XCD                 | 2 B             | USD 1 =     | XCD 2.6882             | XCD 2.6882           | XCD 2.6882    | XCD 2.6882   |
|                                 |                                                                 | 2 S             | USD 1 =     | XCD 2.7169             | XCD 2.7169           | XCD 2.7169    | XCD 2.7169   |
|                                 | V, B                                                            | EUR 1 =         | XCD 3.1793  | XCD 3.0546             | XCD 3.0447           | XCD 2.9990    |              |
|                                 | V, S                                                            | EUR 1 =         | XCD 3.2133  | XCD 3.0872             | XCD 3.0772           | XCD 3.0310    |              |
| Dominican Republic              |                                                                 |                 |             |                        |                      |               |              |
| Santo Domingo                   | Dominican peso<br>= 100 centavos<br><br>DOP                     | B               | USD 1 =     | DOP 56.4066            | DOP 55.9691          | DOP 56.2416   | DOP 56.8006  |
|                                 |                                                                 | S               | USD 1 =     | DOP 57.5248            | DOP 57.1245          | DOP 57.4382   | DOP 57.9304  |
|                                 | B                                                               | EUR 1 =         | DOP 65.9005 | DOP 62.6594            | DOP 63.0711          | DOP 63.1837   |              |
|                                 | S                                                               | EUR 1 =         | DOP 69.5595 | DOP 66.2420            | DOP 66.6263          | DOP 66.9587   |              |
| Egypt                           |                                                                 |                 |             |                        |                      |               |              |
| Cairo                           | Egyptian pound<br>= 100 piastres<br>= 1,000 milliems<br><br>EGP | B               | USD 1 =     | EGP 15.63              | EGP 15.64            | EGP 15.64     | EGP 15.64    |
|                                 |                                                                 | S               | USD 1 =     | EGP 15.73              | EGP 15.74            | EGP 15.74     | EGP 15.74    |
|                                 | B                                                               | EUR 1 =         | EGP 18.4380 | EGP 17.6497            | EGP 17.6732          | EGP 17.4214   |              |
|                                 | S                                                               | EUR 1 =         | EGP 18.6426 | EGP 17.8995            | EGP 17.8791          | EGP 17.6257   |              |
| 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, B / S        | EUR 1 =     | SVC 10.3486            | SVC 9.9426           | SVC 9.9103    | SVC 9.7615   |
| Equatorial Guinea <sup>1</sup>  |                                                                 |                 |             |                        |                      |               |              |
| Malabo                          | CFA franc                                                       | B               | USD 1 =     | XAF 552.0688           | XAF 576.8265         | XAF 576.3251  | XAF 584.7758 |
|                                 |                                                                 | S               | USD 1 =     | XAF 556.8834           | XAF 581.7904         | XAF 581.0946  | XAF 588.3814 |
|                                 | XAF                                                             | 3               | EUR 1 =     | XAF 655.957            | XAF 655.957          | XAF 655.957   | XAF 655.957  |
| Eritrea                         |                                                                 |                 |             |                        |                      |               |              |
| Asmara                          | Nakfa<br>= 100 cents<br><br>ERN                                 | 2 B             | USD 1 =     | ERN 15.00              | ERN 15.00            | ERN 15.00     | ERN 15.00    |
|                                 |                                                                 | 2 S             | USD 1 =     | ERN 15.15              | ERN 15.15            | ERN 15.15     | ERN 15.15    |
|                                 | B                                                               | EUR 1 =         | ERN 17.7440 | ERN 16.9395            | ERN 16.9890          | ERN 16.7385   |              |
|                                 | S                                                               | EUR 1 =         | ERN 18.3802 | ERN 17.5757            | ERN 17.6252          | ERN 17.3747   |              |
| Estonia                         |                                                                 |                 |             |                        |                      |               |              |
| Tallinn                         | Euro<br>= 100 cent<br><br>EUR                                   | M               | EUR 1 =     | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |

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.

#### 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>2021 | Rate at end of month |               |              |
|-----------------------------------|----------------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|--------------|
|                                   |                                                    |                 |         |                        | November 2021        | December 2021 | January 2022 |
| Eswatini <sup>1</sup>             |                                                    |                 |         |                        |                      |               |              |
| Mbabane                           | Lilangeni<br>= 100 cents                           | B               | USD 1 = | SZL 14.9300            | SZL 16.1915          | SZL 15.9719   | SZL 15.5720  |
|                                   |                                                    | S               | USD 1 = | SZL 14.9386            | SZL 16.2037          | SZL 15.9839   | SZL 15.6278  |
|                                   | SZL                                                | B               | EUR 1 = | SZL 17.6211            | SZL 18.3308          | SZL 18.0722   | SZL 17.3378  |
|                                   |                                                    | S               | EUR 1 = | SZL 17.6331            | SZL 18.3480          | SZL 18.0874   | SZL 17.4425  |
| Ethiopia                          |                                                    |                 |         |                        |                      |               |              |
| Addis Ababa                       | Birr<br>= 100 cents                                | B               | USD 1 = | ETB 44.1351            | ETB 47.8791          | ETB 49.1936   | ETB 49.7983  |
|                                   |                                                    | S               | USD 1 = | ETB 45.0178            | ETB 48.8367          | ETB 50.1775   | ETB 50.7943  |
|                                   | ETB                                                | B               | EUR 1 = | ETB 52.0705            | ETB 54.0603          | ETB 55.6724   | ETB 55.4155  |
|                                   |                                                    | S               | EUR 1 = | ETB 53.1119            | ETB 55.1415          | ETB 56.7858   | ETB 56.5238  |
| Falkland Islands (Islas Malvinas) |                                                    |                 |         |                        |                      |               |              |
| Stanley                           | Falkland Islands pound <sup>2</sup><br>= 100 pence | V               | USD 1 = | FKP 0.72681            | FKP 0.74956          | FKP 0.74190   | FKP 0.74537  |
|                                   | FKP                                                | V               | EUR 1 = | FKP 0.85960            | FKP 0.85173          | FKP 0.84028   | FKP 0.83153  |
| Fiji                              |                                                    |                 |         |                        |                      |               |              |
| Suva                              | Fiji dollar<br>= 100 cents                         | B               | FJD 1 = | USD 0.4911             | USD 0.4788           | USD 0.4807    | USD 0.4705   |
|                                   |                                                    | S               | FJD 1 = | USD 0.4741             | USD 0.4618           | USD 0.4637    | USD 0.4535   |
|                                   | FJD                                                | B               | FJD 1 = | EUR 0.4137             | EUR 0.4210           | EUR 0.4226    | EUR 0.4201   |
|                                   |                                                    | S               | FJD 1 = | EUR 0.4017             | EUR 0.4090           | EUR 0.4106    | EUR 0.4081   |
| Finland                           |                                                    |                 |         |                        |                      |               |              |
| Helsinki                          | Euro<br>= 100 cent                                 | M               | EUR 1 = | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
|                                   | EUR                                                |                 |         |                        |                      |               |              |
| France                            |                                                    |                 |         |                        |                      |               |              |
| Paris                             | Euro<br>= 100 cent                                 | M               | EUR 1 = | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
|                                   | EUR                                                |                 |         |                        |                      |               |              |
| Gabon <sup>1</sup>                |                                                    |                 |         |                        |                      |               |              |
| Libreville                        | CFA franc                                          | B               | USD 1 = | XAF 552.0688           | XAF 576.8265         | XAF 576.3251  | XAF 584.7758 |
|                                   |                                                    | S               | USD 1 = | XAF 556.8834           | XAF 581.7904         | XAF 581.0946  | XAF 588.3814 |
|                                   | 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 51.51              | GMD 52.36            | GMD 52.74     | GMD 52.56    |
|                                   | GMD                                                | M               | EUR 1 = | GMD 60.85              | GMD 59.42            | GMD 60.34     | GMD 59.99    |
| Georgia                           |                                                    |                 |         |                        |                      |               |              |
| Tbilisi                           | Lari<br>= 100 tetri                                | M               | USD 1 = | GEL 3.2239             | GEL 3.0867           | GEL 3.0976    | GEL 3.0521   |
|                                   |                                                    | M               | EUR 1 = | GEL 3.8152             | GEL 3.4849           | GEL 3.5040    | GEL 3.3994   |
|                                   | GEL                                                |                 |         |                        |                      |               |              |

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>2021   | Rate at end of month     |                          |                          |
|---------------------------------|--------------------------------------------------------|-----------------|--------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                 |                                                        |                 |                    |                          | November 2021            | December 2021            | January 2022             |
| Germany                         |                                                        |                 |                    |                          |                          |                          |                          |
| Berlin                          | Euro<br>= 100 cent<br><br>EUR                          | M               | EUR 1 =            | USD 1.1827               | USD 1.1363               | USD 1.1326               | USD 1.1156               |
| Ghana                           |                                                        |                 |                    |                          |                          |                          |                          |
| Accra                           | Ghana cedi<br>= 100 Ghana pesewas                      | B               | USD 1 =            | GHS 5.8147               | GHS 5.9142               | GHS 6.0031               | GHS 6.0206               |
|                                 |                                                        | S               | USD 1 =            | GHS 5.8206               | GHS 5.9202               | GHS 6.0091               | GHS 6.0266               |
|                                 | GHS                                                    | B<br>S          | EUR 1 =<br>EUR 1 = | GHS 6.8619<br>GHS 6.8688 | GHS 6.7310<br>GHS 6.7382 | GHS 6.8247<br>GHS 6.8315 | GHS 6.7472<br>GHS 6.7539 |
| Gibraltar                       |                                                        |                 |                    |                          |                          |                          |                          |
| Gibraltar                       | Gibraltar pound <sup>2</sup><br>= 100 pence<br><br>GIP | V               | USD 1 =            | GIP 0.72681              | GIP 0.74956              | GIP 0.74190              | GIP 0.74537              |
|                                 |                                                        | V               | EUR 1 =            | GIP 0.85960              | GIP 0.85173              | GIP 0.84028              | GIP 0.83153              |
| Greece                          |                                                        |                 |                    |                          |                          |                          |                          |
| Athens                          | Euro<br>= 100 cent<br><br>EUR                          | M               | EUR 1 =            | USD 1.1827               | USD 1.1363               | USD 1.1326               | USD 1.1156               |
| Grenada                         |                                                        |                 |                    |                          |                          |                          |                          |
| St George's                     | 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<br>V, S    | EUR 1 =<br>EUR 1 = | XCD 3.1793<br>XCD 3.2133 | XCD 3.0546<br>XCD 3.0872 | XCD 3.0447<br>XCD 3.0772 | XCD 2.9990<br>XCD 3.0310 |
| Guatemala                       |                                                        |                 |                    |                          |                          |                          |                          |
| Guatemala City                  | Quetzal<br>= 100 centavos<br><br>GTQ                   | M               | USD 1 =            | GTQ 7.73242              | GTQ 7.73058              | GTQ 7.71912              | GTQ 7.68981              |
|                                 |                                                        | V, M            | EUR 1 =            | GTQ 9.13640              | GTQ 8.78426              | GTQ 8.74268              | GTQ 8.57875              |
| Guinea                          |                                                        |                 |                    |                          |                          |                          |                          |
| Conakry                         | Guinean franc                                          | M               | USD 1 =            | GNF 9,723.6035           | GNF 9,327.9514           | GNF 9,142.0690           | GNF 9,009.1034           |
|                                 | GNF                                                    | M               | EUR 1 =            | GNF 11,495.2927          | GNF 10,518.2029          | GNF 10,339.6854          | GNF 10,034.3450          |
| Guinea-Bissau <sup>1</sup>      |                                                        |                 |                    |                          |                          |                          |                          |
| Bissau                          | CFA franc                                              | B               | USD 1 =            | XOF 551.75               | XOF 576.25               | XOF 576.50               | XOF 584.25               |
|                                 |                                                        | S               | USD 1 =            | XOF 558.75               | XOF 583.25               | XOF 583.50               | XOF 591.25               |
|                                 | XOF                                                    | <sup>4</sup>    | EUR 1 =            | XOF 655.957              | XOF 655.957              | XOF 655.957              | XOF 655.957              |
| Guyana                          |                                                        |                 |                    |                          |                          |                          |                          |
| Georgetown                      | Guyana dollar<br>= 100 cents                           | B               | USD 1 =            | GYD 207.98               | GYD 207.98               | GYD 207.98               | GYD 207.98               |
|                                 |                                                        | S               | USD 1 =            | GYD 210.45               | GYD 210.45               | GYD 210.45               | GYD 210.45               |
|                                 | GYD                                                    | B               | EUR 1 =            | GYD 245.64               | GYD 236.08               | GYD 235.58               | GYD 231.98               |
|                                 |                                                        | S               | EUR 1 =            | GYD 248.77               | GYD 239.10               | GYD 238.59               | GYD 234.95               |

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>2021 | Rate at end of month |               |               |
|----------------------------------------|---------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                        |                                             |                 |         |                        | November 2021        | December 2021 | January 2022  |
| Haiti                                  |                                             |                 |         |                        |                      |               |               |
| Port-au-Prince                         | Gourde<br>= 100 centimes<br><br>HTG         | M               | USD 1 = | HTG 89.8776            | HTG 98.5720          | HTG 99.8698   | HTG 101.6170  |
|                                        |                                             | V, M            | EUR 1 = | HTG 106.0149           | HTG 112.0074         | HTG 113.1125  | HTG 113.3639  |
| Honduras                               |                                             |                 |         |                        |                      |               |               |
| Tegucigalpa                            | Lempira<br>= 100 centavos                   | B               | USD 1 = | HNL 24.0308            | HNL 24.1235          | HNL 24.3454   | HNL 24.4791   |
|                                        |                                             | S               | USD 1 = | HNL 24.1990            | HNL 24.2924          | HNL 24.5158   | HNL 24.6505   |
|                                        | HNL                                         | V, B            | EUR 1 = | HNL 28.3919            | HNL 27.4115          | HNL 27.5736   | HNL 27.3089   |
|                                        |                                             | V, S            | EUR 1 = | HNL 28.5906            | HNL 27.6035          | HNL 27.7666   | HNL 27.5001   |
| Hong Kong                              |                                             |                 |         |                        |                      |               |               |
| Hong Kong                              | Hong Kong dollar<br>= 100 cents             | B               | USD 1 = | HKD 7.74263            | HKD 7.76980          | HKD 7.76730   | HKD 7.76730   |
|                                        |                                             | S               | USD 1 = | HKD 7.80440            | HKD 7.83150          | HKD 7.82910   | HKD 7.82910   |
|                                        | HKD                                         | B               | EUR 1 = | HKD 9.11766            | HKD 8.76060          | HKD 8.76040   | HKD 8.64400   |
|                                        |                                             | S               | EUR 1 = | HKD 9.26113            | HKD 8.90370          | HKD 8.90340   | HKD 8.78690   |
| Hungary                                |                                             |                 |         |                        |                      |               |               |
| Budapest                               | Hungarian forint<br>= 100 fillér<br><br>HUF | M               | USD 1 = | HUF 303.29             | HUF 322.80           | HUF 325.71    | HUF 320.46    |
|                                        |                                             | M               | EUR 1 = | HUF 358.85             | HUF 366.83           | HUF 369.00    | HUF 358.11    |
| Iceland                                |                                             |                 |         |                        |                      |               |               |
| Reykjavik                              | Icelandic krona<br><br>ISK                  | M               | USD 1 = | ISK 126.865            | ISK 129.37           | ISK 130.38    | ISK 128.36    |
|                                        |                                             | M               | EUR 1 = | ISK 149.360            | ISK 147.00           | ISK 147.60    | ISK 143.20    |
| India <sup>1</sup>                     |                                             |                 |         |                        |                      |               |               |
| New Delhi                              | Indian rupee<br>= 100 paise<br><br>INR      | M               | USD 1 = | INR 73.9236            | INR 75.0885          | INR 74.3025   | INR 74.9674   |
|                                        |                                             | M               | EUR 1 = | INR 87.2595            | INR 84.9366          | INR 84.0450   | INR 83.7026   |
| Indonesia                              |                                             |                 |         |                        |                      |               |               |
| Jakarta                                | Indonesian rupiah<br>= 100 sen              | B               | USD 1 = | IDR 14,244.17          | IDR 14,268.30        | IDR 14,197.66 | IDR 14,309.10 |
|                                        |                                             | S               | USD 1 = | IDR 14,387.33          | IDR 14,411.70        | IDR 14,340.35 | IDR 14,452.91 |
|                                        | IDR                                         | B               | EUR 1 = | IDR 16,855.79          | IDR 16,090.36        | IDR 16,044.78 | IDR 15,936.04 |
|                                        |                                             | S               | EUR 1 = | IDR 17,029.16          | IDR 16,256.40        | IDR 16,208.90 | IDR 16,101.99 |
| Iran, Islamic Republic of <sup>1</sup> |                                             |                 |         |                        |                      |               |               |
| Tehran                                 | Iranian rial<br>= 100 dinars<br><br>IRR     | <sup>2</sup> M  | USD 1 = | IRR 42,000             | IRR 42,000           | IRR 42,000    | IRR 42,000    |
|                                        |                                             | <sup>2</sup> M  | EUR 1 = | IRR 49,539             | IRR 47,298           | IRR 47,613    | IRR 46,830    |
|                                        |                                             | <sup>3</sup> M  | USD 1 = | IRR 264,425            | IRR 291,500          | IRR 299,700   | IRR 281,000   |
|                                        |                                             | <sup>3</sup> M  | EUR 1 = | IRR 311,408            | IRR 329,450          | IRR 340,600   | IRR 313,750   |

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>2021 | Rate at end of month |               |               |  |
|---------------------------------|---------------------------------------|-----------------|---------------|------------------------|----------------------|---------------|---------------|--|
|                                 |                                       |                 |               |                        | November 2021        | December 2021 | January 2022  |  |
| Iraq <sup>1</sup>               |                                       |                 |               |                        |                      |               |               |  |
| Baghdad                         | Iraqi dinar<br>= 1,000 fils           | <sup>2</sup> B  | USD 1 =       | IQD 1,450.00           | IQD 1,450.00         | IQD 1,450.00  | IQD 1,450.00  |  |
|                                 |                                       | <sup>2</sup> S  | USD 1 =       | IQD 1,460.00           | IQD 1,460.00         | IQD 1,460.00  | IQD 1,460.00  |  |
|                                 |                                       | B               | EUR 1 =       | IQD 1,716.752          | IQD 1,647.635        | IQD 1,641.835 | IQD 1,617.620 |  |
|                                 |                                       | S               | EUR 1 =       | IQD 1,728.592          | IQD 1,658.998        | IQD 1,653.158 | IQD 1,628.776 |  |
|                                 | <sup>3</sup> S                        | USD 1 =         | IQD 1,472.492 | IQD 1,478.134          | IQD 1,475.505        | IQD 1,477.139 |               |  |
|                                 | IQD                                   | V, S            | EUR 1 =       | IQD 1,739.80           | IQD 1,679.60         | IQD 1,671.16  | IQD 1,647.90  |  |
| Ireland                         |                                       |                 |               |                        |                      |               |               |  |
| Dublin                          | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =       | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156    |  |
| Israel                          |                                       |                 |               |                        |                      |               |               |  |
| Jerusalem                       | New shekel<br>= 100 agorot<br><br>ILS | M               | USD 1 =       | ILS 3.2293             | ILS 3.1620           | ILS 3.1100    | ILS 3.1950    |  |
|                                 |                                       | M               | EUR 1 =       | ILS 3.8217             | ILS 3.5899           | ILS 3.5199    | ILS 3.5647    |  |
| Italy                           |                                       |                 |               |                        |                      |               |               |  |
| Rome                            | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =       | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156    |  |
| Jamaica                         |                                       |                 |               |                        |                      |               |               |  |
| Kingston                        | Jamaican dollar<br>= 100 cents        | B               | USD 1 =       | JMD 150.6347           | JMD 154.7048         | JMD 153.0648  | JMD 155.8909  |  |
|                                 |                                       | S               | USD 1 =       | JMD 151.7728           | JMD 156.4674         | JMD 154.9967  | JMD 156.7824  |  |
|                                 | JMD                                   | B               | EUR 1 =       | JMD 173.5355           | JMD 169.8316         | JMD 166.5875  | JMD 171.0063  |  |
|                                 |                                       | S               | EUR 1 =       | JMD 181.5006           | JMD 179.2410         | JMD 176.3261  | JMD 177.3290  |  |
| Japan                           |                                       |                 |               |                        |                      |               |               |  |
| Tokyo                           | Japanese yen<br>= 100 sen             | B               | USD 1 =       | JPY 108.90             | JPY 112.77           | JPY 114.02    | JPY 114.44    |  |
|                                 |                                       | S               | USD 1 =       | JPY 110.90             | JPY 114.77           | JPY 116.02    | JPY 116.44    |  |
|                                 | JPY                                   | B               | EUR 1 =       | JPY 128.84             | JPY 126.91           | JPY 129.01    | JPY 127.16    |  |
|                                 |                                       | S               | EUR 1 =       | JPY 131.84             | JPY 129.91           | JPY 132.01    | JPY 130.16    |  |
| Jordan                          |                                       |                 |               |                        |                      |               |               |  |
| Amman                           | Jordanian dinar<br>= 1,000 fils       | <sup>2</sup> B  | USD 1 =       | JOD 0.7080             | JOD 0.7080           | JOD 0.7080    | JOD 0.7080    |  |
|                                 |                                       | <sup>2</sup> S  | USD 1 =       | JOD 0.7100             | JOD 0.7100           | JOD 0.7100    | JOD 0.7100    |  |
|                                 | JOD                                   | B               | EUR 1 =       | JOD 0.83394            | JOD 0.79884          | JOD 0.79990   | JOD 0.78850   |  |
|                                 |                                       | S               | EUR 1 =       | JOD 0.84081            | JOD 0.80741          | JOD 0.80649   | JOD 0.79392   |  |
| Kazakhstan                      |                                       |                 |               |                        |                      |               |               |  |
| Nur-Sultan                      | Tenge<br>= 100 tiyn<br><br>KZT        | M               | USD 1 =       | KZT 426.17             | KZT 433.74           | KZT 431.67    | KZT 433.83    |  |
|                                 |                                       | M               | EUR 1 =       | KZT 503.87             | KZT 489.52           | KZT 487.79    | KZT 482.81    |  |

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> Official rate; value against the US dollar. <sup>3</sup> Market 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>2021     | Rate at end of month |               |               |
|-----------------------------------------------------|----------------------------------|-----------------|---------|----------------------------|----------------------|---------------|---------------|
|                                                     |                                  |                 |         |                            | November 2021        | December 2021 | January 2022  |
| Kenya <sup>1</sup>                                  |                                  |                 |         |                            |                      |               |               |
| Nairobi                                             | Kenya shilling<br>= 100 cents    | B               | USD 1 = | KES 109.7793               | KES 112.3882         | KES 113.0412  | KES 113.4735  |
|                                                     |                                  | S               | USD 1 = | KES 109.9793               | KES 112.5882         | KES 113.2412  | KES 113.6735  |
|                                                     | KES                              | B               | EUR 1 = | KES 129.5884               | KES 126.8306         | KES 127.8653  | KES 127.0988  |
|                                                     |                                  | S               | EUR 1 = | KES 129.8556               | KES 127.0941         | KES 128.1212  | KES 127.3441  |
| 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 1,134.40               | KRW 1,178.40         | KRW 1,178.90  | KRW 1,197.20  |
|                                                     |                                  | S               | USD 1 = | KRW 1,156.75               | KRW 1,201.60         | KRW 1,202.10  | KRW 1,220.80  |
|                                                     | KRW                              | B               | EUR 1 = | KRW 1,340.63               | KRW 1,338.56         | KRW 1,334.76  | KRW 1,343.77  |
|                                                     |                                  | S               | EUR 1 = | KRW 1,367.70               | KRW 1,365.60         | KRW 1,361.72  | KRW 1,370.91  |
| Kuwait                                              |                                  |                 |         |                            |                      |               |               |
| Kuwait                                              | Kuwaiti dinar<br>= 1,000 fils    | B               | USD 1 = | KWD 0.30033                | KWD 0.30130          | KWD 0.30120   | KWD 0.30170   |
|                                                     |                                  | S               | USD 1 = | KWD 0.30393                | KWD 0.30490          | KWD 0.30480   | KWD 0.30530   |
|                                                     | KWD                              | B               | EUR 1 = | KWD 0.354874               | KWD 0.342458         | KWD 0.342464  | KWD 0.337889  |
|                                                     |                                  | S               | EUR 1 = | KWD 0.359128               | KWD 0.346549         | KWD 0.346558  | KWD 0.341921  |
| Kyrgyzstan                                          |                                  |                 |         |                            |                      |               |               |
| Bishkek                                             | Kyrgyz som<br>= 100 tyjyn        | M               | USD 1 = | KGS 84.6925                | KGS 84.8000          | KGS 84.7586   | KGS 84.7992   |
|                                                     |                                  | M               | EUR 1 = | KGS 100.1818               | KGS 95.6332          | KGS 95.7857   | KGS 94.4324   |
|                                                     | KGS                              | M               | USD 1 = | KGS 84.6925                | KGS 84.8000          | KGS 84.7586   | KGS 84.7992   |
|                                                     |                                  | M               | EUR 1 = | KGS 100.1818               | KGS 95.6332          | KGS 95.7857   | KGS 94.4324   |
| Lao People’s Democratic Republic                    |                                  |                 |         |                            |                      |               |               |
| Vientiane                                           | Kip                              | B               | USD 1 = | LAK 9,812                  | LAK 10,837           | LAK 11,163    | LAK 11,426    |
|                                                     |                                  | S               | USD 1 = | LAK 9,831                  | LAK 10,857           | LAK 11,184    | LAK 11,448    |
|                                                     | LAK                              | B               | EUR 1 = | LAK 11,579                 | LAK 12,224           | LAK 12,650    | LAK 12,724    |
|                                                     |                                  | S               | EUR 1 = | LAK 11,644                 | LAK 12,313           | LAK 12,743    | LAK 12,817    |
| Latvia                                              |                                  |                 |         |                            |                      |               |               |
| Riga                                                | Euro<br>= 100 cent<br><br>EUR    | M               | EUR 1 = | USD 1.1827                 | USD 1.1363           | USD 1.1326    | USD 1.1156    |
| Lebanon <sup>1</sup>                                |                                  |                 |         |                            |                      |               |               |
| Beirut                                              | Lebanese pound<br>= 100 piastres | <sup>2</sup> M  | USD 1 = | LBP 1,507.50               | LBP 1,507.50         | LBP 1,507.50  | LBP 1,507.50  |
|                                                     |                                  | <sup>2</sup> M  | EUR 1 = | LBP 1,784.25               | LBP 1,712.52         | LBP 1,701.52  | LBP 1,684.78  |
|                                                     | LBP                              | <sup>3</sup> M  | USD 1 = | LBP 17,817.00 <sup>4</sup> | LBP 20,600.00        | LBP 22,700.00 | LBP 21,500.00 |
|                                                     |                                  | V, M            | EUR 1 = | LBP 20,625.24 <sup>4</sup> | LBP 23,407.78        | LBP 25,710.02 | LBP 23,985.40 |

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> Official rate. <sup>3</sup> Sayrafa market rate. <sup>4</sup> Average from July to December 2021.

#### 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>2021 | Rate at end of month |               |              |
|-----------------------------------------------------|---------------------------------------|-----------------|------------|------------------------|----------------------|---------------|--------------|
|                                                     |                                       |                 |            |                        | November 2021        | December 2021 | January 2022 |
| Lesotho <sup>1</sup>                                |                                       |                 |            |                        |                      |               |              |
| Maseru                                              | Loti<br>= 100 lisente<br><br>LSL      | M               | USD 1 =    | LSL 14.9194            | LSL 16.0493          | LSL 15.9164   | LSL 15.5605  |
|                                                     |                                       | M               | EUR 1 =    | LSL 17.6004            | LSL 18.2248          | LSL 17.9903   | LSL 17.3592  |
| Liberia <sup>1</sup>                                |                                       |                 |            |                        |                      |               |              |
| Monrovia                                            | Liberian dollar<br>= 100 cents        | B               | USD 1 =    | LRD 164.6458           | LRD 141.3021         | LRD 144.4504  | LRD 151.6604 |
|                                                     |                                       | S               | USD 1 =    | LRD 166.1336           | LRD 142.9569         | LRD 146.2748  | LRD 153.5514 |
|                                                     | LRD                                   | V, B            | EUR 1 =    | LRD 194.7908           | LRD 160.5616         | LRD 163.6045  | LRD 169.1923 |
|                                                     |                                       | V, S            | EUR 1 =    | LRD 196.5456           | LRD 162.4419         | LRD 165.6708  | LRD 171.3019 |
| Libya                                               |                                       |                 |            |                        |                      |               |              |
| Tripoli                                             | Libyan dinar<br>= 1,000 dirham        | B               | USD 1 =    | LYD 4.5088             | LYD 4.5848           | LYD 4.5846    | LYD 4.6064   |
|                                                     |                                       | S               | USD 1 =    | LYD 4.5314             | LYD 4.6077           | LYD 4.6076    | LYD 4.6295   |
|                                                     | LYD                                   | B               | EUR 1 =    | LYD 5.3197             | LYD 5.1858           | LYD 5.1898    | LYD 5.1426   |
| S                                                   |                                       | EUR 1 =         | LYD 5.3464 | LYD 5.2118             | LYD 5.2158           | LYD 5.1684    |              |
| Lithuania                                           |                                       |                 |            |                        |                      |               |              |
| Vilnius                                             | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =    | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
| Luxembourg                                          |                                       |                 |            |                        |                      |               |              |
| Luxembourg                                          | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =    | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
| Macao <sup>1</sup>                                  |                                       |                 |            |                        |                      |               |              |
| Macao                                               | Pataca<br>= 100 avos                  | B               | USD 1 =    | MOP 8.0001             | MOP 8.0263           | MOP 8.0241    | MOP 8.0257   |
|                                                     |                                       | S               | USD 1 =    | MOP 8.0263             | MOP 8.0525           | MOP 8.0503    | MOP 8.0519   |
|                                                     | MOP                                   | B               | EUR 1 =    | MOP 9.4482             | MOP 9.0738           | MOP 9.0818    | MOP 8.9607   |
|                                                     |                                       | S               | EUR 1 =    | MOP 9.4897             | MOP 9.1153           | MOP 9.1233    | MOP 9.0022   |
| Madagascar                                          |                                       |                 |            |                        |                      |               |              |
| Antananarivo                                        | Ariary<br>= 5 iraimbilanja<br><br>MGA | M               | USD 1 =    | MGA 3,837.78           | MGA 3,966.11         | MGA 3,956.66  | MGA 3,981.98 |
|                                                     |                                       | M               | EUR 1 =    | MGA 4,529.18           | MGA 4,492.86         | MGA 4,470.10  | MGA 4,432.08 |
| Malawi                                              |                                       |                 |            |                        |                      |               |              |
| Lilongwe                                            | Malawi kwacha<br>= 100 tambala        | B               | USD 1 =    | MWK 793.6108           | MWK 808.3178         | MWK 808.3178  | MWK 808.3178 |
|                                                     |                                       | S               | USD 1 =    | MWK 809.3864           | MWK 824.4826         | MWK 824.4826  | MWK 824.4826 |
|                                                     | MWK                                   | B               | EUR 1 =    | MWK 937.3776           | MWK 914.4500         | MWK 915.0966  | MWK 902.4869 |
|                                                     |                                       | S               | EUR 1 =    | MWK 956.0102           | MWK 932.7371         | MWK 933.3967  | MWK 920.5348 |
| Malaysia                                            |                                       |                 |            |                        |                      |               |              |
| Kuala Lumpur<br>Seat of<br>government:<br>Putrajaya | Malaysian ringgit<br>= 100 sen        | B               | USD 1 =    | MYR 4.0772             | MYR 4.1680           | MYR 4.1055    | MYR 4.1282   |
|                                                     |                                       | S               | USD 1 =    | MYR 4.2153             | MYR 4.3070           | MYR 4.2425    | MYR 4.2718   |
|                                                     | MYR                                   | B               | EUR 1 =    | MYR 4.8162             | MYR 4.6950           | MYR 4.6405    | MYR 4.5890   |
|                                                     |                                       | S               | EUR 1 =    | MYR 4.9977             | MYR 4.8710           | MYR 4.8145    | MYR 4.7696   |

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>2021 | Rate at end of month |               |              |
|---------------------------------|-------------------------------|-----------------|---------|------------------------|----------------------|---------------|--------------|
|                                 |                               |                 |         |                        | November 2021        | December 2021 | January 2022 |
| Maldives                        |                               |                 |         |                        |                      |               |              |
| Malé                            | Rufiyaa                       | M               | USD 1 = | MVR 15.38              | MVR 15.41            | MVR 15.39     | MVR 15.42    |
|                                 | = 100 laari                   |                 |         |                        |                      |               |              |
|                                 | MVR                           | V, M            | EUR 1 = | MVR 18.16588           | MVR 17.51038         | MVR 17.43071  | MVR 17.20255 |
| Mali <sup>1</sup>               |                               |                 |         |                        |                      |               |              |
| Bamako                          | CFA franc                     | B               | USD 1 = | XOF 551.75             | XOF 576.25           | XOF 576.50    | XOF 584.25   |
|                                 |                               | S               | USD 1 = | XOF 558.75             | XOF 583.25           | XOF 583.50    | XOF 591.25   |
|                                 | XOF                           | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957   | XOF 655.957  |
| Malta                           |                               |                 |         |                        |                      |               |              |
| Valletta                        | Euro                          | M               | EUR 1 = | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
|                                 | = 100 cent                    |                 |         |                        |                      |               |              |
|                                 | EUR                           |                 |         |                        |                      |               |              |
| Mauritania                      |                               |                 |         |                        |                      |               |              |
| Nouakchott                      | Ouguiya                       | B               | USD 1 = | MRU 35.97              | MRU 36.08            | MRU 36.13     | MRU 36.14    |
|                                 |                               | S               | USD 1 = | MRU 36.33              | MRU 36.44            | MRU 36.49     | MRU 36.50    |
|                                 | MRU                           | B               | EUR 1 = | MRU 42.51              | MRU 41.01            | MRU 40.89     | MRU 40.37    |
|                                 |                               | S               | EUR 1 = | MRU 42.94              | MRU 41.42            | MRU 41.30     | MRU 40.77    |
|                                 |                               |                 |         |                        |                      |               |              |
|                                 |                               |                 |         |                        |                      |               |              |
| Mauritius                       |                               |                 |         |                        |                      |               |              |
| Port Louis                      | Mauritian rupee               | B               | USD 1 = | MUR 41.2469            | MUR 42.7064          | MUR 42.9754   | MUR 42.8391  |
|                                 |                               | S               | USD 1 = | MUR 42.1464            | MUR 43.6064          | MUR 43.8750   | MUR 43.7393  |
|                                 | MUR                           | B               | EUR 1 = | MUR 48.5562            | MUR 48.0969          | MUR 48.4686   | MUR 47.7170  |
|                                 |                               | S               | EUR 1 = | MUR 49.8831            | MUR 49.4087          | MUR 49.7827   | MUR 49.0342  |
|                                 |                               |                 |         |                        |                      |               |              |
|                                 |                               |                 |         |                        |                      |               |              |
| Mexico                          |                               |                 |         |                        |                      |               |              |
| Mexico City                     | Mexican peso                  | M               | USD 1 = | MXN 20.30618           | MXN 21.4681          | MXN 20.5075   | MXN 20.6134  |
|                                 | = 100 centavos                |                 |         |                        |                      |               |              |
|                                 | MXN                           | V, M            | EUR 1 = | MXN 24.12793           | MXN 24.3942          | MXN 23.2268   | MXN 22.9963  |
| Moldova, Republic of            |                               |                 |         |                        |                      |               |              |
| Chisinau                        | Moldovan leu                  | M               | USD 1 = | MDL 17.67450           | MDL 17.7314          | MDL 17.7452   | MDL 17.9287  |
|                                 | = 100 bani                    |                 |         |                        |                      |               |              |
|                                 | MDL                           | M               | EUR 1 = | MDL 20.89660           | MDL 20.0224          | MDL 20.0938   | MDL 19.9609  |
| Mongolia                        |                               |                 |         |                        |                      |               |              |
| Ulan Bator                      | Togrog                        | M               | USD 1 = | MNT 2,849.38           | MNT 2,849.21         | MNT 2,849.34  | MNT 2,850.26 |
|                                 | = 100 mongo                   |                 |         |                        |                      |               |              |
|                                 | MNT                           | M               | EUR 1 = | MNT 3,367.11           | MNT 3,229.86         | MNT 3,221.18  | MNT 3,184.03 |
| Morocco                         |                               |                 |         |                        |                      |               |              |
| Rabat                           | Moroccan dirham               | M               | USD 1 = | MAD 8.9920             | MAD 9.2213           | MAD 9.2804    | MAD 9.4386   |
|                                 | = 100 centimes                |                 |         |                        |                      |               |              |
|                                 | MAD                           | M               | EUR 1 = | MAD 10.6331            | MAD 10.4754          | MAD 10.5165   | MAD 10.5354  |

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>2021 | Rate at end of month |               |              |
|--------------------------------------------------|-----------------------------------|-----------------|-------------|------------------------|----------------------|---------------|--------------|
|                                                  |                                   |                 |             |                        | November 2021        | December 2021 | January 2022 |
| Mozambique                                       |                                   |                 |             |                        |                      |               |              |
| Maputo                                           | Metical<br>= 100 centavos         | B               | USD 1 =     | MZN 64.55              | MZN 63.20            | MZN 63.20     | MZN 63.20    |
|                                                  |                                   | S               | USD 1 =     | MZN 65.84              | MZN 64.46            | MZN 64.46     | MZN 64.46    |
|                                                  | MZN                               | B               | EUR 1 =     | MZN 76.28              | MZN 71.74            | MZN 71.61     | MZN 70.50    |
|                                                  |                                   | S               | EUR 1 =     | MZN 77.80              | MZN 73.18            | MZN 73.03     | MZN 71.90    |
| Myanmar                                          |                                   |                 |             |                        |                      |               |              |
| Nay Pyi Taw                                      | Kyat<br>= 100 pyas                | M               | USD 1 =     | MMK 1,630.93           | MMK 1,785.00         | MMK 1,778.00  | MMK 1,778.00 |
|                                                  | MMK                               | M               | EUR 1 =     | MMK 1,924.25           | MMK 2,026.00         | MMK 2,010.30  | MMK 1,986.00 |
| Namibia <sup>1</sup>                             |                                   |                 |             |                        |                      |               |              |
| Windhoek                                         | Namibia dollar<br>= 100 cents     | M               | USD 1 =     | NAD 14.9336            | NAD 16.1933          | NAD 15.9064   | NAD 15.5872  |
|                                                  | NAD                               | M               | EUR 1 =     | NAD 17.6294            | NAD 18.3148          | NAD 17.9916   | NAD 17.3988  |
| Nepal                                            |                                   |                 |             |                        |                      |               |              |
| Kathmandu                                        | Nepalese rupee<br>= 100 paisa     | B               | USD 1 =     | NPR 117.93             | NPR 119.86           | NPR 118.76    | NPR 119.77   |
|                                                  |                                   | S               | USD 1 =     | NPR 118.53             | NPR 120.46           | NPR 119.36    | NPR 120.37   |
|                                                  | NPR                               | B               | EUR 1 =     | NPR 139.30             | NPR 135.25           | NPR 134.25    | NPR 133.48   |
|                                                  |                                   | S               | EUR 1 =     | NPR 140.01             | NPR 135.93           | NPR 134.92    | NPR 134.15   |
| Netherlands                                      |                                   |                 |             |                        |                      |               |              |
| Amsterdam<br>Seat of<br>government:<br>The Hague | Euro<br>= 100 cent<br><br>EUR     | M               | EUR 1 =     | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
| New Caledonia <sup>1</sup>                       |                                   |                 |             |                        |                      |               |              |
| Nouméa                                           | CFP franc                         | V               | XPF 1,000 = | USD 551.75             | USD 9.52             | USD 9.49      | USD 9.35     |
|                                                  | 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               | NZD 1 =     | USD 0.7300             | USD 0.6960           | USD 0.6954    | USD 0.6691   |
|                                                  |                                   | S               | NZD 1 =     | USD 0.7026             | USD 0.6698           | USD 0.6690    | USD 0.6439   |
|                                                  | NZD                               | B               | NZD 1 =     | EUR 0.6094             | EUR 0.6159           | EUR 0.6147    | EUR 0.5994   |
|                                                  |                                   | S               | NZD 1 =     | EUR 0.5865             | EUR 0.5927           | EUR 0.5913    | EUR 0.5768   |
| Nicaragua                                        |                                   |                 |             |                        |                      |               |              |
| Managua                                          | Córdoba<br>= 100 centavos         | M               | USD 1 =     | NIO 35.1991            | NIO 35.4613          | NIO 35.5210   | NIO 35.5807  |
|                                                  | NIO                               | V, M            | EUR 1 =     | NIO 41.58493           | NIO 40.29468         | NIO 40.23108  | NIO 39.69383 |

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>2021 | Rate at end of month |               |               |
|---------------------------------|-------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                 |                                     |                 |         |                        | November 2021        | December 2021 | January 2022  |
| Niger <sup>1</sup>              |                                     |                 |         |                        |                      |               |               |
| Niamey                          | CFA franc                           | B               | USD 1 = | XOF 551.75             | XOF 576.25           | XOF 576.50    | XOF 584.25    |
|                                 |                                     | S               | USD 1 = | XOF 558.75             | XOF 583.25           | XOF 583.50    | XOF 591.25    |
|                                 | XOF                                 | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957   | XOF 655.957   |
| Nigeria <sup>1</sup>            |                                     |                 |         |                        |                      |               |               |
| Abuja                           | Naira<br>= 100 kobo                 | B               | USD 1 = | NGN 398.20             | NGN 409.66           | NGN 412.49    | NGN 414.26    |
|                                 |                                     | S               | USD 1 = | NGN 399.28             | NGN 411.66           | NGN 413.49    | NGN 416.26    |
|                                 | NGN                                 | B               | EUR 1 = | NGN 470.0003           | NGN 465.0051         | NGN 446.9387  | NGN 462.0242  |
|                                 |                                     | S               | EUR 1 = | NGN 472.1110           | NGN 467.2753         | NGN 468.0707  | NGN 464.2548  |
| North Macedonia                 |                                     |                 |         |                        |                      |               |               |
| Skopje                          | North Macedonia denar<br>= 100 deni | B               | USD 1 = | MKD 51.8785            | MKD 54.4738          | MKD 54.1017   | MKD 55.1145   |
|                                 |                                     | S               | USD 1 = | MKD 52.3999            | MKD 55.0212          | MKD 54.6455   | MKD 55.6685   |
|                                 | MKD                                 | B               | EUR 1 = | MKD 61.3252            | MKD 61.3865          | MKD 61.3189   | MKD 61.3865   |
|                                 |                                     | S               | EUR 1 = | MKD 61.9416            | MKD 62.0035          | MKD 61.9351   | MKD 62.0035   |
| Norway                          |                                     |                 |         |                        |                      |               |               |
| Oslo                            | Norwegian krone<br>= 100 øre        | B               | USD 1 = | NOK 8.5681             | NOK 9.0189           | NOK 8.7983    | NOK 8.9196    |
|                                 |                                     | S               | USD 1 = | NOK 8.6441             | NOK 9.0949           | NOK 8.8743    | NOK 8.9956    |
|                                 | NOK                                 | B               | EUR 1 = | NOK 10.1309            | NOK 10.2191          | NOK 9.9463    | NOK 9.9656    |
|                                 |                                     | S               | EUR 1 = | NOK 10.2159            | NOK 10.3041          | NOK 10.0313   | NOK 10.0506   |
| Oman                            |                                     |                 |         |                        |                      |               |               |
| Muscat                          | Rial Omani<br>= 1,000 baisa         | 3 B             | USD 1 = | OMR 0.3840             | OMR 0.3840           | OMR 0.3840    | OMR 0.3840    |
|                                 |                                     | 3 S             | USD 1 = | OMR 0.3850             | OMR 0.3850           | OMR 0.3850    | OMR 0.3850    |
|                                 | OMR                                 | B               | EUR 1 = | OMR 0.4530272          | OMR 0.4337664        | OMR 0.4341504 | OMR 0.4285824 |
|                                 |                                     | S               | EUR 1 = | OMR 0.4543257          | OMR 0.4349345        | OMR 0.4353195 | OMR 0.4297370 |
| Pakistan                        |                                     |                 |         |                        |                      |               |               |
| Islamabad                       | Pakistani rupee<br>= 100 paisa      | B               | USD 1 = | PKR 163.17             | PKR 176.15           | PKR 177.45    | PKR 176.75    |
|                                 |                                     | S               | USD 1 = | PKR 163.67             | PKR 176.65           | PKR 177.95    | PKR 177.25    |
|                                 | PKR                                 | B               | EUR 1 = | PKR 193.17             | PKR 199.38           | PKR 201.18    | PKR 197.66    |
|                                 |                                     | S               | EUR 1 = | PKR 193.76             | PKR 199.95           | PKR 201.74    | PKR 198.22    |
| Panama <sup>1</sup>             |                                     |                 |         |                        |                      |               |               |
| Panama City                     | Balboa<br>= 100 centésimos          | 4               | USD 1 = | PAB 1                  | PAB 1                | PAB 1         | PAB 1         |
|                                 | PAB                                 | V               | EUR 1 = | PAB 1.1827             | PAB 1.1363           | PAB 1.1326    | PAB 1.1156    |
| Papua New Guinea                |                                     |                 |         |                        |                      |               |               |
| Port Moresby                    | Kina<br>= 100 toea                  | B               | PGK 1 = | USD 0.2925             | USD 0.2925           | USD 0.2925    | USD 0.2925    |
|                                 |                                     | S               | PGK 1 = | USD 0.2775             | USD 0.2775           | USD 0.2775    | USD 0.2775    |
|                                 | PGK                                 | B               | PGK 1 = | EUR 0.2418             | EUR 0.2529           | EUR 0.2522    | EUR 0.2563    |
|                                 |                                     | S               | PGK 1 = | EUR 0.2268             | EUR 0.2379           | EUR 0.2372    | EUR 0.2413    |

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.

2 Value against the euro. 3 Value against the US dollar. 4 Parity in relation to the US dollar.

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

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

| Country <sup>1</sup><br>Capital | Currency<br>ISO currency code     | Type of<br>rate | Unit               | Annual average<br>2021       | Rate at end of month         |                              |                              |
|---------------------------------|-----------------------------------|-----------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                 |                                   |                 |                    |                              | November 2021                | December 2021                | January 2022                 |
| Paraguay                        |                                   |                 |                    |                              |                              |                              |                              |
| Asunción                        | Guaraní<br>= 100 céntimos         | B<br>S          | USD 1 =            | PYG 6,763.04                 | PYG 6,831.18                 | PYG 6,870.81                 | PYG 7,037.07                 |
|                                 |                                   |                 | USD 1 =            | PYG 6,781.64                 | PYG 6,831.65                 | PYG 6,887.40                 | PYG 7,046.76                 |
|                                 | PYG                               | V, B<br>V, S    | EUR 1 =<br>EUR 1 = | PYG 7,993.68<br>PYG 8,015.16 | PYG 7,762.27<br>PYG 7,762.80 | PYG 7,787.38<br>PYG 7,806.18 | PYG 7,850.56<br>PYG 7,861.37 |
| Peru                            |                                   |                 |                    |                              |                              |                              |                              |
| Lima                            | Sol<br>= 100 céntimos             | B<br>S          | USD 1 =<br>USD 1 = | PEN 3.879<br>PEN 3.886       | PEN 4.057<br>PEN 4.066       | PEN 3.975<br>PEN 3.998       | PEN 3.840<br>PEN 3.846       |
|                                 |                                   |                 | B<br>S             | EUR 1 =<br>EUR 1 =           | PEN 4.517<br>PEN 4.783       | PEN 4.330<br>PEN 4.952       | PEN 4.344<br>PEN 4.846       |
|                                 | PEN                               |                 |                    |                              |                              |                              |                              |
| Philippines                     |                                   |                 |                    |                              |                              |                              |                              |
| Manila                          | Philippine peso<br>= 100 centavos | B<br>S          | USD 1 =<br>USD 1 = | PHP 49.00<br>PHP 49.50       | PHP 50.10<br>PHP 50.60       | PHP 50.65<br>PHP 51.15       | PHP 50.90<br>PHP 51.40       |
|                                 |                                   |                 | B<br>S             | EUR 1 =<br>EUR 1 =           | PHP 55.9728<br>PHP 60.0324   | PHP 54.5565<br>PHP 58.3769   | PHP 55.3289<br>PHP 59.3552   |
|                                 | PHP                               |                 |                    |                              |                              |                              |                              |
| Poland                          |                                   |                 |                    |                              |                              |                              |                              |
| Warsaw                          | Polish zloty<br>= 100 groszy      | M               | USD 1 =            | PLN 3.8647                   | PLN 4.1214                   | PLN 4.0600                   | PLN 4.1147                   |
|                                 | PLN                               | M               | EUR 1 =            | PLN 4.5775                   | PLN 4.6834                   | PLN 4.5994                   | PLN 4.5982                   |
| Portugal                        |                                   |                 |                    |                              |                              |                              |                              |
| Lisbon                          | Euro<br>= 100 cent                | M               | EUR 1 =            | USD 1.1827                   | USD 1.1363                   | USD 1.1326                   | USD 1.1156                   |
|                                 | EUR                               |                 |                    |                              |                              |                              |                              |
| Qatar                           |                                   |                 |                    |                              |                              |                              |                              |
| Doha                            | Qatari riyal<br>= 100 dirham      | <sup>2</sup>    | USD 1 =            | QAR 3.6400                   | QAR 3.6400                   | QAR 3.6400                   | QAR 3.6400                   |
|                                 |                                   | V, M            | EUR 1 =            | QAR 4.3009                   | QAR 4.1361                   | QAR 4.1227                   | QAR 4.0608                   |
|                                 | QAR                               |                 |                    |                              |                              |                              |                              |
| Romania                         |                                   |                 |                    |                              |                              |                              |                              |
| Bucharest                       | Romanian leu<br>= 100 bani        | M               | USD 1 =            | RON 4.1630                   | RON 4.3853                   | RON 4.3707                   | RON 4.4284                   |
|                                 | RON                               | M               | EUR 1 =            | RON 4.9244                   | RON 4.9490                   | RON 4.9481                   | RON 4.9468                   |
| Russian Federation              |                                   |                 |                    |                              |                              |                              |                              |
| Moscow                          | Russian rouble<br>= 100 kopecks   | M               | USD 1 =            | RUB 73.6685                  | RUB 74.9818                  | RUB 74.2926                  | RUB 77.8174                  |
|                                 | RUB                               | M               | EUR 1 =            | RUB 87.2582                  | RUB 84.4820                  | RUB 84.0695                  | RUB 86.6419                  |

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>2021 | Rate at end of month |                  |                  |
|----------------------------------------------|------------------------------------------------|-----------------|---------|------------------------|----------------------|------------------|------------------|
|                                              |                                                |                 |         |                        | November 2021        | December 2021    | January 2022     |
| Rwanda                                       |                                                |                 |         |                        |                      |                  |                  |
| Kigali                                       | Rwanda franc<br>= 100 centimes                 | B               | USD 1 = | RWF 979.780622         | RWF 996.480286       | RWF 999.622566   | RWF 1,002.457967 |
|                                              |                                                | S               | USD 1 = | RWF 999.374255         | RWF 1,016.407878     | RWF 1,019.612998 | RWF 1,022.505101 |
|                                              | RWF                                            | B               | EUR 1 = | RWF 1,158.76928        | RWF 1,125.82343      | RWF 1,131.57275  | RWF 1,119.13104  |
|                                              |                                                | S               | EUR 1 = | RWF 1,181.94233        | RWF 1,148.33762      | RWF 1,154.20191  | RWF 1,141.51140  |
| Saint Helena, Ascension and Tristan da Cunha |                                                |                 |         |                        |                      |                  |                  |
| Jamestown                                    | Saint Helena pound <sup>2</sup><br>= 100 pence | V               | USD 1 = | SHP 0.72681            | SHP 0.74956          | SHP 0.74190      | SHP 0.74537      |
|                                              | SHP                                            | V               | EUR 1 = | SHP 0.85960            | SHP 0.85173          | SHP 0.84028      | SHP 0.83153      |
| 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       |
|                                              |                                                | V, B            | EUR 1 = | XCD 3.1793             | XCD 3.0546           | XCD 3.0447       | XCD 2.9990       |
|                                              | XCD                                            | V, S            | EUR 1 = | XCD 3.2133             | XCD 3.0872           | XCD 3.0772       | XCD 3.0310       |
| 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       |
|                                              |                                                | V, B            | EUR 1 = | XCD 3.1793             | XCD 3.0546           | XCD 3.0447       | XCD 2.9990       |
|                                              | XCD                                            | V, S            | EUR 1 = | XCD 3.2133             | XCD 3.0872           | XCD 3.0772       | XCD 3.0310       |
| 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       |
|                                              |                                                | V, B            | EUR 1 = | XCD 3.1793             | XCD 3.0546           | XCD 3.0447       | XCD 2.9990       |
|                                              | XCD                                            | V, S            | EUR 1 = | XCD 3.2133             | XCD 3.0872           | XCD 3.0772       | XCD 3.0310       |
| Samoa                                        |                                                |                 |         |                        |                      |                  |                  |
| Apia                                         | Tala<br>= 100 sene                             | M               | WST 1 = | USD 0.39108            | USD 0.38221          | USD 0.38404      | USD 0.37624      |
|                                              | WST                                            | M               | WST 1 = | EUR 0.33107            | EUR 0.33922          | EUR 0.33968      | EUR 0.33753      |
| Sao Tome and Principe                        |                                                |                 |         |                        |                      |                  |                  |
| São Tomé                                     | Dobra<br>= 100 cêntimos                        | B               | USD 1 = | STN 20.7642            | STN 21.7276          | STN 21.6757      | STN 21.9968      |
|                                              |                                                | S               | USD 1 = | STN 21.0757            | STN 22.0535          | STN 22.0008      | STN 22.3267      |
|                                              | STN                                            | 4               | EUR 1 = | STN 24.5000            | STN 24.5000          | STN 24.5000      | STN 24.5000      |
| Saudi Arabia                                 |                                                |                 |         |                        |                      |                  |                  |
| Riyadh                                       | Saudi riyal<br>= 100 halalah                   | <sup>3</sup> M  | USD 1 = | SAR 3.75               | SAR 3.75             | SAR 3.75         | SAR 3.75         |
|                                              | SAR                                            | V, M            | EUR 1 = | SAR 4.43566            | SAR 4.26113          | SAR 4.24725      | SAR 4.18350      |

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>2021 | Rate at end of month |               |               |
|---------------------------------|-------------------------------------------------|-----------------|-----------|------------------------|----------------------|---------------|---------------|
|                                 |                                                 |                 |           |                        | November 2021        | December 2021 | January 2022  |
| Senegal <sup>1</sup>            |                                                 |                 |           |                        |                      |               |               |
| Dakar                           | CFA franc                                       | B               | USD 1 =   | XOF 551.75             | XOF 576.25           | XOF 576.50    | XOF 584.25    |
|                                 |                                                 | S               | USD 1 =   | XOF 558.75             | XOF 583.25           | XOF 583.50    | XOF 591.25    |
|                                 | XOF                                             | 2               | EUR 1 =   | XOF 655.957            | XOF 655.957          | XOF 655.957   | XOF 655.957   |
| Serbia                          |                                                 |                 |           |                        |                      |               |               |
| Belgrade                        | Serbian dinar<br>= 100 para                     | B               | USD 1 =   | RSD 99.1383            | RSD 103.6162         | RSD 103.6144  | RSD 104.9716  |
|                                 |                                                 | S               | USD 1 =   | RSD 99.7349            | RSD 104.2398         | RSD 104.2380  | RSD 105.6034  |
|                                 | RSD                                             | B               | EUR 1 =   | RSD 117.2203           | RSD 117.2211         | RSD 117.2294  | RSD 117.2323  |
|                                 |                                                 | S               | EUR 1 =   | RSD 117.9257           | RSD 117.9265         | RSD 117.9348  | RSD 117.9379  |
| Seychelles                      |                                                 |                 |           |                        |                      |               |               |
| Victoria                        | Seychelles rupee<br>= 100 cents                 | B               | USD 1 =   | SCR 16.2706            | SCR 14.4244          | SCR 14.3872   | SCR 14.1556   |
|                                 |                                                 | S               | USD 1 =   | SCR 16.9477            | SCR 14.8049          | SCR 14.9834   | SCR 14.6518   |
|                                 | SCR                                             | B               | EUR 1 =   | SCR 19.1849            | SCR 16.0793          | SCR 16.0121   | SCR 15.5846   |
|                                 |                                                 | S               | EUR 1 =   | SCR 20.0962            | SCR 16.9111          | SCR 17.0027   | SCR 16.5259   |
| Sierra Leone                    |                                                 |                 |           |                        |                      |               |               |
| Freetown                        | Leone<br>= 100 cents                            | B               | USD 1 =   | SLL 10,373.56          | SLL 11,006.38        | SLL 11,143.17 | SLL 11,349.93 |
|                                 |                                                 | S               | USD 1 =   | SLL 10,585.67          | SLL 11,228.73        | SLL 11,368.28 | SLL 11,579.23 |
|                                 | SLL                                             | B               | EUR 1 =   | SLL 12,252.77          | SLL 12,455.38        | SLL 12,594.69 | SLL 12,674.10 |
|                                 |                                                 | S               | EUR 1 =   | SLL 12,496.53          | SLL 12,705.79        | SLL 12,845.73 | SLL 12,926.14 |
| Singapore <sup>1</sup>          |                                                 |                 |           |                        |                      |               |               |
| Singapore                       | Singapore dollar<br>= 100 cents                 | M               | USD 1 =   | SGD 1.3433             | SGD 1.3686           | SGD 1.3517    | SGD 1.3557    |
|                                 | SGD                                             | M               | EUR 1 =   | SGD 1.5871             | SGD 1.5463           | SGD 1.5295    | SGD 1.5131    |
| Sint Maarten (southern part)    |                                                 |                 |           |                        |                      |               |               |
| Philipsburg                     | Netherlands Antillean<br>guilder<br>= 100 cents | 3 B             | USD 1 =   | ANG 1.78               | ANG 1.78             | ANG 1.78      | ANG 1.78      |
|                                 |                                                 | 3 S             | USD 1 =   | ANG 1.82               | ANG 1.82             | ANG 1.82      | ANG 1.82      |
|                                 | ANG                                             | B               | EUR 100 = | ANG 210.45             | ANG 202.27           | ANG 201.81    | ANG 198.77    |
|                                 |                                                 | S               | EUR 100 = | ANG 214.69             | ANG 206.35           | ANG 205.88    | ANG 202.77    |
| Slovakia                        |                                                 |                 |           |                        |                      |               |               |
| Bratislava                      | Euro<br>= 100 cent<br><br>EUR                   | M               | EUR 1 =   | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156    |
| Slovenia                        |                                                 |                 |           |                        |                      |               |               |
| Ljubljana                       | Euro<br>= 100 cent<br><br>EUR                   | M               | EUR 1 =   | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156    |
| Solomon Islands                 |                                                 |                 |           |                        |                      |               |               |
| Honiara                         | Solomon Islands dollar<br>= 100 cents           | M               | SBD 1 =   | USD 0.1245             | USD 0.1237           | USD 0.1236    | USD 0.1232    |
|                                 | SBD                                             | M               | SBD 1 =   | EUR 0.10541            | EUR 0.10970          | EUR 0.10900   | EUR 0.11020   |

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>2021 | Rate at end of month |               |              |
|-------------------------------------------------|----------------------------------------|-----------------|---------|------------------------|----------------------|---------------|--------------|
|                                                 |                                        |                 |         |                        | November 2021        | December 2021 | January 2022 |
| 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 14.6003            | ZAR 15.8115          | ZAR 15.7613   | ZAR 15.2995  |
|                                                 |                                        | S               | USD 1 = | ZAR 14.9228            | ZAR 16.1774          | ZAR 16.1279   | ZAR 15.6643  |
|                                                 | ZAR                                    | B               | EUR 1 = | ZAR 17.3023            | ZAR 17.8612          | ZAR 17.7810   | ZAR 17.0133  |
|                                                 |                                        | S               | EUR 1 = | ZAR 17.7763            | ZAR 18.5018          | ZAR 18.4214   | ZAR 17.6393  |
| South Sudan                                     |                                        |                 |         |                        |                      |               |              |
| Juba                                            | South Sudanese pound<br>= 100 piastres | M               | USD 1 = | SSP 317.0607           | SSP 412.6700         | SSP 432.0540  | SSP 433.4008 |
|                                                 | SSP                                    | M               | EUR 1 = | SSP 372.1906           | SSP 464.8321         | SSP 488.5454  | SSP 482.3537 |
| Spain                                           |                                        |                 |         |                        |                      |               |              |
| Madrid                                          | Euro<br>= 100 cent                     | M               | EUR 1 = | USD 1.1827             | USD 1.1363           | USD 1.1326    | USD 1.1156   |
|                                                 | EUR                                    |                 |         |                        |                      |               |              |
| Sri Lanka                                       |                                        |                 |         |                        |                      |               |              |
| Colombo                                         | Sri Lanka rupee<br>= 100 cents         | B               | USD 1 = | LKR 196.9317           | LKR 198.5008         | LKR 198.5008  | LKR 198.5008 |
|                                                 |                                        | S               | USD 1 = | LKR 201.6169           | LKR 202.9992         | LKR 202.9992  | LKR 202.9992 |
|                                                 | LKR                                    | B               | EUR 1 = | LKR 232.1963           | LKR 223.7410         | LKR 224.1969  | LKR 220.9993 |
|                                                 |                                        | S               | EUR 1 = | LKR 239.8119           | LKR 232.4950         | LKR 233.0274  | LKR 229.5271 |
| Sudan                                           |                                        |                 |         |                        |                      |               |              |
| Khartoum                                        | Sudanese pound<br>= 100 piastres       | B               | USD 1 = | SDG 392.3129           | SDG 436.3436         | SDG 436.2797  | SDG 439.5995 |
|                                                 |                                        | S               | USD 1 = | SDG 395.0050           | SDG 439.6162         | SDG 439.5518  | SDG 442.8965 |
|                                                 | SDG                                    | B               | EUR 1 = | SDG 461.9386           | SDG 492.9068         | SDG 493.6767  | SDG 490.6854 |
|                                                 |                                        | S               | EUR 1 = | SDG 465.1035           | SDG 496.6036         | SDG 497.3792  | SDG 494.3655 |
| Suriname                                        |                                        |                 |         |                        |                      |               |              |
| Paramaribo                                      | Suriname dollar<br>= 100 cents         | B               | USD 1 = | SRD 19.085             | SRD 21.444           | SRD 20.893    | SRD 21.281   |
|                                                 |                                        | S               | USD 1 = | SRD 19.411             | SRD 21.679           | SRD 21.296    | SRD 21.581   |
|                                                 | SRD                                    | B               | EUR 1 = | SRD 22.182             | SRD 23.775           | SRD 23.723    | SRD 23.413   |
|                                                 |                                        | S               | EUR 1 = | SRD 22.664             | SRD 24.263           | SRD 24.146    | SRD 24.108   |
| Sweden                                          |                                        |                 |         |                        |                      |               |              |
| Stockholm                                       | Swedish krona<br>= 100 öre             | B               | USD 1 = | SEK 8.5290             | SEK 8.9759           | SEK 8.9912    | SEK 9.3286   |
|                                                 |                                        | S               | USD 1 = | SEK 8.6340             | SEK 9.0809           | SEK 9.0962    | SEK 9.4336   |
|                                                 | SEK                                    | B               | EUR 1 = | SEK 10.0942            | SEK 10.1791          | SEK 10.1694   | SEK 10.4305  |
|                                                 |                                        | S               | EUR 1 = | SEK 10.2092            | SEK 10.2941          | SEK 10.2844   | SEK 10.5455  |

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>2021 | Rate at end of month |                |                |
|---------------------------------------------------|------------------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                                   |                                                      |                 |         |                        | November 2021        | December 2021  | January 2022   |
| Switzerland                                       |                                                      |                 |         |                        |                      |                |                |
| Berne                                             | Swiss franc<br>= 100 rappen/centimes<br><br>CHF      | B               | USD 1 = | CHF 0.9143             | CHF 0.9183           | CHF 0.9127     | CHF 0.9319     |
|                                                   |                                                      | B               | EUR 1 = | CHF 1.0798             | CHF 1.0434           | CHF 1.0339     | CHF 1.0413     |
| Syrian Arab Republic <sup>1</sup>                 |                                                      |                 |         |                        |                      |                |                |
| Damascus                                          | Syrian pound<br>= 100 piastres<br><br>SYP            | B               | USD 1 = | SYP 2,187.50           | SYP 2,500.00         | SYP 2,500.00   | SYP 2,500.00   |
|                                                   |                                                      | S               | USD 1 = | SYP 2,209.25           | SYP 2,525.00         | SYP 2,525.00   | SYP 2,525.00   |
|                                                   |                                                      | B               | EUR 1 = | SYP 2,574.25           | SYP 2,820.00         | SYP 2,829.00   | SYP 2,783.00   |
|                                                   |                                                      | S               | EUR 1 = | SYP 2,599.99           | SYP 2,848.20         | SYP 2,857.29   | SYP 2,810.83   |
| Tajikistan                                        |                                                      |                 |         |                        |                      |                |                |
| Dushanbe                                          | Somoni<br>= 100 diram<br><br>TJS                     | M               | USD 1 = | TJS 11.3083            | TJS 11.2941          | TJS 11.3000    | TJS 11.3000    |
|                                                   |                                                      | M               | EUR 1 = | TJS 13.3782            | TJS 12.7544          | TJS 12.7973    | TJS 12.5848    |
| Tanzania, United Republic of                      |                                                      |                 |         |                        |                      |                |                |
| Dodoma<br>Seat of<br>Government:<br>Dar es Salaam | Tanzania shilling<br>= 100 cents<br><br>TZS          | B               | USD 1 = | TZS 2,286.3493         | TZS 2,282.7822       | TZS 2,286.3800 | TZS 2,286.6733 |
|                                                   |                                                      | S               | USD 1 = | TZS 2,309.2125         | TZS 2,305.6100       | TZS 2,309.2400 | TZS 2,309.5400 |
|                                                   |                                                      | B               | EUR 1 = | TZS 2,701.4482         | TZS 2,576.5762       | TZS 2,593.2100 | TZS 2,545.7533 |
|                                                   |                                                      | S               | EUR 1 = | TZS 2,729.2322         | TZS 2,602.8031       | TZS 2,619.3700 | TZS 2,572.1347 |
| Thailand                                          |                                                      |                 |         |                        |                      |                |                |
| Bangkok                                           | Thai baht<br>= 100 satang<br><br>THB                 | B               | USD 1 = | THB 31.8272            | THB 33.5226          | THB 33.2469    | THB 33.2632    |
|                                                   |                                                      | S               | USD 1 = | THB 32.1710            | THB 33.8569          | THB 33.5929    | THB 33.6003    |
|                                                   |                                                      | B               | EUR 1 = | THB 37.5324            | THB 37.6887          | THB 37.5083    | THB 36.9111    |
|                                                   |                                                      | S               | EUR 1 = | THB 38.3022            | THB 38.4459          | THB 38.2813    | THB 37.6713    |
| Togo <sup>1</sup>                                 |                                                      |                 |         |                        |                      |                |                |
| Lomé                                              | CFA franc<br><br>XOF                                 | B               | USD 1 = | XOF 551.75             | XOF 576.25           | XOF 576.50     | XOF 584.25     |
|                                                   |                                                      | S               | USD 1 = | XOF 558.75             | XOF 583.25           | XOF 583.50     | XOF 591.25     |
|                                                   |                                                      | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957    | XOF 655.957    |
| Tonga                                             |                                                      |                 |         |                        |                      |                |                |
| Nuku'alofa                                        | Pa'anga<br>= 100 seniti<br><br>TOP                   | M               | TOP 1 = | USD 0.4416             | USD 0.4378           | USD 0.4399     | USD .          |
|                                                   |                                                      | M               | TOP 1 = | EUR 0.3731             | EUR 0.3872           | EUR 0.3876     | EUR .          |
| Trinidad and Tobago                               |                                                      |                 |         |                        |                      |                |                |
| Port-of-Spain                                     | Trinidad and Tobago dollar<br>= 100 cents<br><br>TTD | B               | USD 1 = | TTD 6.7168             | TTD 6.6835           | TTD 6.7280     | TTD 6.7024     |
|                                                   |                                                      | S               | USD 1 = | TTD 6.7684             | TTD 6.7747           | TTD 6.7970     | TTD 6.7530     |
|                                                   |                                                      | B               | EUR 1 = | TTD 7.9996             | TTD 8.1569           | TTD 7.6191     | TTD 7.5125     |
|                                                   |                                                      | S               | EUR 1 = | TTD 8.5618             | TTD 8.3095           | TTD 8.1166     | TTD 8.0318     |

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.  
2 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>2021 | Rate at end of month |               |              |
|-----------------------------------|-------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|--------------|
|                                   |                                           |                 |         |                        | November 2021        | December 2021 | January 2022 |
| Tunisia                           |                                           |                 |         |                        |                      |               |              |
| Tunis                             | Tunisian dinar<br>= 1,000 millimes        | B               | USD 1 = | TND 2.7782             | TND 2.8648           | TND 2.8721    | TND 2.9076   |
|                                   |                                           | S               | USD 1 = | TND 2.7810             | TND 2.8676           | TND 2.8750    | TND 2.9106   |
|                                   | TND                                       | B               | EUR 1 = | TND 3.2860             | TND 3.2557           | TND 3.2544    | TND 3.2480   |
|                                   |                                           | S               | EUR 1 = | TND 3.2892             | TND 3.2589           | TND 3.2577    | TND 3.2512   |
| Turkey                            |                                           |                 |         |                        |                      |               |              |
| Ankara                            | Turkish lira<br>= 100 kuruş               | B               | USD 1 = | TRY 8.8869             | TRY 12.6595          | TRY 12.9775   | TRY 13.6066  |
|                                   |                                           | S               | USD 1 = | TRY 8.9029             | TRY 12.6823          | TRY 13.0009   | TRY 13.6311  |
|                                   | TRY                                       | B               | EUR 1 = | TRY 10.6978            | TRY 14.2793          | TRY 14.6823   | TRY 15.1536  |
|                                   |                                           | S               | EUR 1 = | TRY 10.7171            | TRY 14.3050          | TRY 14.7088   | TRY 15.1809  |
| 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     |
|                                   | TMT                                       | M               | EUR 1 = | TMT 4.1413             | TMT 3.9491           | TMT 3.9557    | TMT 3.9001   |
| Uganda                            |                                           |                 |         |                        |                      |               |              |
| Kampala                           | Uganda shilling                           | B               | USD 1 = | UGX 3,577.15           | UGX 3,559.09         | UGX 3,539.30  | UGX 3,504.96 |
|                                   |                                           | S               | USD 1 = | UGX 3,587.15           | UGX 3,569.09         | UGX 3,549.30  | UGX 3,514.96 |
|                                   | UGX                                       | B               | EUR 1 = | UGX 4,224.32           | UGX 4,028.40         | UGX 4,016.91  | UGX 3,907.86 |
|                                   |                                           | S               | EUR 1 = | UGX 4,236.12           | UGX 4,039.72         | UGX 4,028.26  | UGX 3,919.01 |
| Ukraine                           |                                           |                 |         |                        |                      |               |              |
| Kyiv                              | Hryvnia<br>= 100 kopiyok                  | M               | USD 1 = | UAH 27.2680            | UAH 27.1739          | UAH 27.2782   | UAH 28.7839  |
|                                   | UAH                                       | M               | EUR 1 = | UAH 32.2611            | UAH 30.6481          | UAH 30.9226   | UAH 32.0293  |
| 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   |
|                                   | AED                                       | V, M            | EUR 1 = | AED 4.3436             | AED 4.1731           | AED 4.1595    | AED 4.0970   |
| United Kingdom <sup>1</sup>       |                                           |                 |         |                        |                      |               |              |
| London                            | Pound sterling<br>= 100 pence             | M               | GBP 1 = | USD 1.3757             | USD 1.3233           | USD 1.3477    | USD 1.3418   |
|                                   | GBP                                       | M               | EUR 1 = | GBP 0.8581             | GBP 0.8509           | GBP 0.8399    | GBP 0.8354   |
| United States                     |                                           |                 |         |                        |                      |               |              |
| Washington                        | US dollar<br>= 100 cents                  | M               | EUR 1 = | USD 1.17966            | USD 1.1336           | USD 1.1368    | USD 1.1233   |
|                                   | USD                                       | M               | GBP 1 = | USD 1.37555            | USD 1.3295           | USD 1.3529    | USD 1.3445   |

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 \*

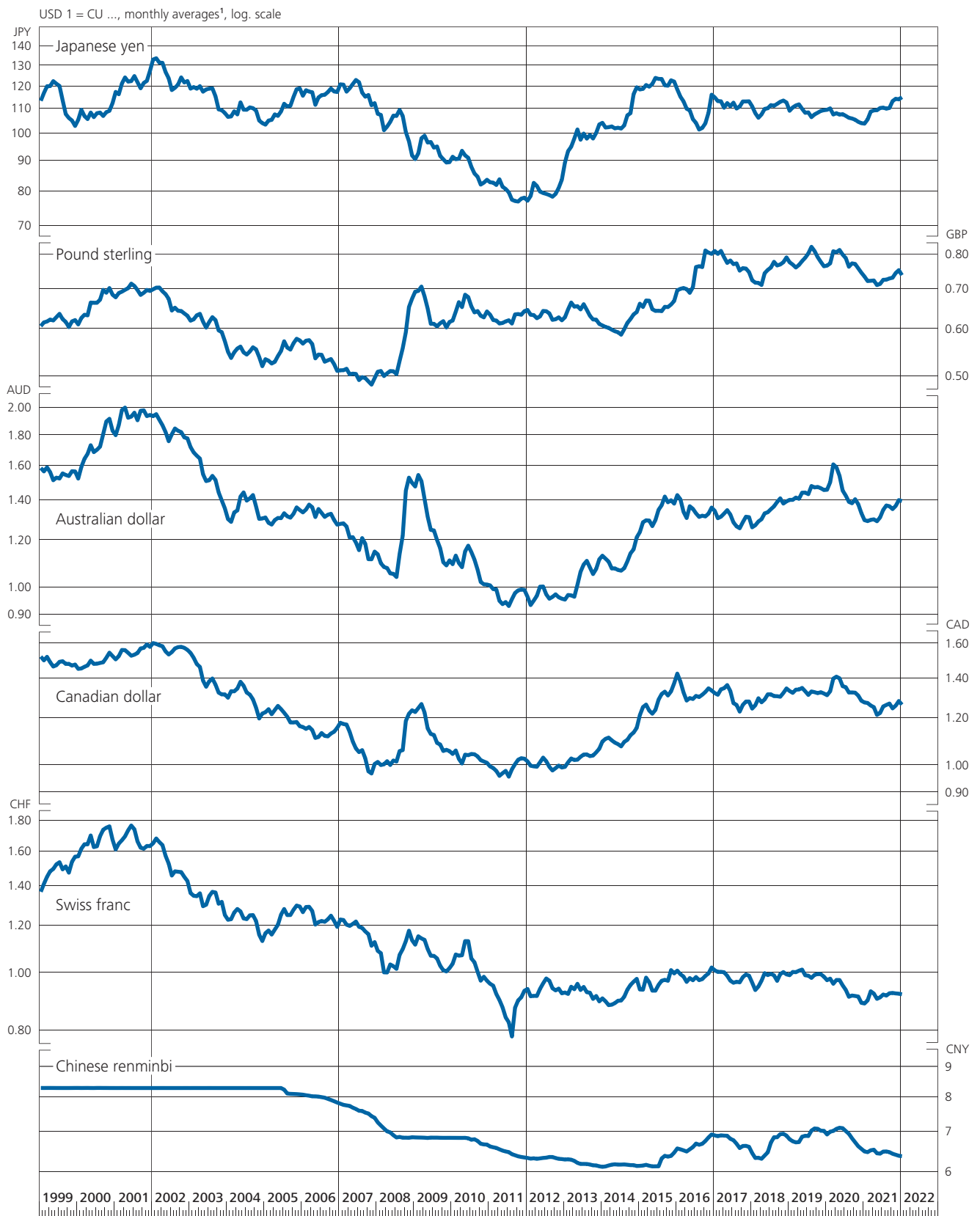
##### 1. Currencies and exchange rates in individual countries (cont'd)

| Country <sup>1</sup><br>Capital                | Currency<br>ISO currency code                 | Type of<br>rate | Unit    | Annual average<br>20212   | Rate at end of month |               |               |
|------------------------------------------------|-----------------------------------------------|-----------------|---------|---------------------------|----------------------|---------------|---------------|
|                                                |                                               |                 |         |                           | November 2021        | December 2021 | January 2022  |
| Uruguay                                        |                                               |                 |         |                           |                      |               |               |
| Montevideo                                     | Uruguayan peso<br>= 100 centésimos<br><br>UYU | M               | USD 1 = | UYU 43.574                | UYU 44.100           | UYU 44.695    | UYU 44.154    |
|                                                |                                               | M               | EUR 1 = | UYU 51.5154               | UYU 49.8793          | UYU 50.5322   | UYU 49.5982   |
| Uzbekistan                                     |                                               |                 |         |                           |                      |               |               |
| Tashkent                                       | Uzbekistan sum<br>= 100 tiyin<br><br>UZS      | M               | USD 1 = | UZS 10,624.97             | UZS 10,787.03        | UZS 10,837.66 | UZS 10,815.16 |
|                                                |                                               | M               | EUR 1 = | UZS 12,568.72             | UZS 12,174.24        | UZS 12,224.88 | UZS 12,040.52 |
| Vanuatu                                        |                                               |                 |         |                           |                      |               |               |
| Port Vila                                      | Vatu<br><br><br>VUV                           | B               | USD 1 = | VUV 107.78                | VUV 111.03           | VUV 110.23    | VUV 112.44    |
|                                                |                                               | S               | USD 1 = | VUV 114.63                | VUV 118.10           | VUV 117.24    | VUV 119.59    |
|                                                |                                               | B               | EUR 1 = | VUV 128.25                | VUV 126.31           | VUV 125.78    | VUV 126.27    |
|                                                |                                               | S               | EUR 1 = | VUV 133.43                | VUV 131.42           | VUV 130.87    | VUV 131.37    |
| Venezuela, Bolivarian Republic of <sup>1</sup> |                                               |                 |         |                           |                      |               |               |
| Caracas                                        | Bolívar<br>= 100 céntimos<br><br>VES          | B               | USD 1 = | VES 3.387736 <sup>1</sup> | VES 4.610046         | VES 4.585707  | VES 4.526256  |
|                                                |                                               | S               | USD 1 = | VES 3.396227 <sup>1</sup> | VES 4.621600         | VES 4.597200  | VES 4.537600  |
|                                                |                                               | B               | EUR 1 = | VES 3.978432 <sup>1</sup> | VES 5.243789         | VES 5.198541  | VES 5.071579  |
|                                                |                                               | S               | EUR 1 = | VES 3.988403 <sup>1</sup> | VES 5.256931         | VES 5.211570  | VES 5.084290  |
| Viet Nam                                       |                                               |                 |         |                           |                      |               |               |
| Hanoi                                          | Dong<br>= 10 hào<br>= 100 xu<br><br>VND       | B               | USD 1 = | VND 22,814                | VND 22,600           | VND 22,640    | VND 22,500    |
|                                                |                                               | S               | USD 1 = | VND 23,014                | VND 22,800           | VND 22,920    | VND 22,780    |
|                                                |                                               | B               | EUR 1 = | VND 26,590.89             | VND 25,268.47        | VND 25,391.31 | VND 24,696.35 |
|                                                |                                               | S               | EUR 1 = | VND 27,719.15             | VND 26,394.80        | VND 26,546.33 | VND 26,003.22 |
| Yemen                                          |                                               |                 |         |                           |                      |               |               |
| Sana'a                                         | Yemeni rial<br>= 100 fils<br><br>YER          | B               | USD 1 = | YER 250.00                | YER 250.00           | YER 250.00    | YER 250.00    |
|                                                |                                               | S               | USD 1 = | YER 250.50                | YER 250.50           | YER 250.50    | YER 250.50    |
|                                                |                                               | B               | EUR 1 = | YER 294.98                | YER 281.90           | YER 283.26    | YER 279.06    |
|                                                |                                               | S               | EUR 1 = | YER 295.57                | YER 282.46           | YER 283.83    | YER 279.62    |
| Zambia                                         |                                               |                 |         |                           |                      |               |               |
| Lusaka                                         | Kwacha<br>= 100 ngwee<br><br>ZMW              | B               | USD 1 = | ZMW 19.6748               | ZMW 17.7792          | ZMW 16.6431   | ZMW 18.0287   |
|                                                |                                               | S               | USD 1 = | ZMW 19.7248               | ZMW 17.8292          | ZMW 16.6931   | ZMW 18.0787   |
|                                                |                                               | B               | EUR 1 = | ZMW 23.2872               | ZMW 20.1989          | ZMW 18.8517   | ZMW 20.1110   |
|                                                |                                               | S               | EUR 1 = | ZMW 23.3512               | ZMW 20.2575          | ZMW 18.9150   | ZMW 20.1722   |
| Zimbabwe <sup>1</sup>                          |                                               |                 |         |                           |                      |               |               |
| Harare                                         | Zimbabwe dollar<br>= 100 cents<br><br>ZWL     | M               | USD 1 = | ZWL 89.77495              | ZWL 105.66840        | ZWL 108.66600 | ZWL 115.42230 |
|                                                |                                               | M               | EUR 1 = | ZWL 105.85241             | ZWL 119.37390        | ZWL 123.02105 | ZWL 128.84015 |

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                  |                                       |                                |
|                            | Serbian dinar         |                                       |                                |
|                            |                       |                                       |                                |
| Laccadive Islands          | Indian rupee          | Zanzibar (Island)                     | Tanzania shilling              |
| 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 |
|--------------|------------------|-------------|-----------------------------------|---------------------|-----------------------|------------------------|--------------------|---------------------|---------------------------|----------------------|
| 2007         | 1.58025          | 1.07346     | 11.53020                          | 179.947             | 0.788780              | 1.56144                | 1.77857            | 8.02021             | 8.55074                   | 10.2088              |
| 2008         | 1.54027          | 1.10675     | 10.52710                          | 140.464             | 1.056570              | 1.88621                | 1.63839            | 8.18003             | 10.78020                  | 12.0833              |
| 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              |
| 2020 Feb.    | 1.37328          | 1.25105     | 9.61381                           | 150.237             | 1.066050              | 1.84418                | 1.32679            | 9.34824             | 12.99700                  | 13.2864              |
| Mar.         | 1.36480          | 1.24571     | 9.68007                           | 148.354             | 1.104160              | 1.93624                | 1.31758            | 9.30215             | 14.33820                  | 13.7532              |
| Apr.         | 1.36640          | 1.25635     | 9.63902                           | 145.631             | 1.092250              | 1.90066                | 1.32602            | 9.37040             | 14.05100                  | 13.4540              |
| May          | 1.37202          | 1.23206     | 9.80488                           | 146.998             | 1.113290              | 1.89160                | 1.31940            | 9.18400             | 13.29140                  | 12.9906              |
| June         | 1.37570          | 1.22852     | 9.72356                           | 148.190             | 1.121140              | 1.87480                | 1.30760            | 9.15566             | 13.40560                  | 12.8614              |
| July         | 1.41307          | 1.19266     | 9.87099                           | 147.736             | 1.075560              | 1.89408                | 1.28356            | 8.87847             | 12.80000                  | 12.2281              |
| Aug.         | 1.41891          | 1.18837     | 9.72819                           | 149.511             | 1.066180              | 1.85055                | 1.28376            | 8.84603             | 12.42440                  | 12.2621              |
| Sep.         | 1.40757          | 1.20223     | 9.58359                           | 148.907             | 1.096880              | 1.87756                | 1.29778            | 8.95207             | 13.34580                  | 12.6517              |
| Oct.         | 1.41164          | 1.20674     | 9.45555                           | 147.629             | 1.087220              | 1.88002                | 1.29370            | 8.98610             | 13.38760                  | 12.5822              |
| Nov.         | 1.43009          | 1.19373     | 9.41673                           | 148.544             | 1.070790              | 1.85411                | 1.29166            | 8.88289             | 12.60700                  | 12.1290              |
| Dec.         | 1.44027          | 1.18385     | 9.41203                           | 149.255             | 1.073230              | 1.85161                | 1.28162            | 8.80553             | 12.57700                  | 11.9614              |
| 2021 Jan.    | 1.44080          | 1.18721     | 9.30960                           | 150.535             | 1.050300              | 1.84135                | 1.28080            | 8.82924             | 12.27940                  | 12.0514              |
| Feb.         | 1.43927          | 1.18742     | 9.30691                           | 152.894             | 1.033590              | 1.82572                | 1.30405            | 8.82979             | 12.35050                  | 11.9590              |
| Mar.         | 1.41721          | 1.20871     | 9.29731                           | 156.885             | 1.029650              | 1.78214                | 1.33650            | 8.98949             | 12.08160                  | 12.3636              |
| Apr.         | 1.43599          | 1.18853     | 9.29861                           | 156.451             | 1.032190              | 1.76411                | 1.30596            | 8.80375             | 11.82980                  | 12.0400              |
| May          | 1.44467          | 1.18435     | 9.21175                           | 157.758             | 1.022770              | 1.75160                | 1.29738            | 8.80716             | 12.07480                  | 12.0046              |
| June         | 1.42642          | 1.20029     | 9.21311                           | 157.620             | 1.028940              | 1.76791                | 1.31645            | 8.92554             | 12.20900                  | 12.1393              |
| July         | 1.42877          | 1.20156     | 9.22526                           | 156.450             | 1.022890              | 1.78053                | 1.29325            | 8.93711             | 12.54490                  | 12.2277              |
| Aug.         | 1.42426          | 1.20353     | 9.20073                           | 156.483             | 1.034390              | 1.79698                | 1.30170            | 8.94943             | 12.34820                  | 12.2378              |
| Sep.         | 1.40887          | 1.21675     | 9.10606                           | 157.667             | 1.048660              | 1.80099                | 1.31934            | 9.04781             | 12.36820                  | 12.3855              |
| Oct.         | 1.41538          | 1.21544     | 9.04486                           | 160.858             | 1.026830              | 1.75281                | 1.28948            | 9.04159             | 11.85000                  | 12.0583              |
| Nov.         | 1.40080          | 1.23277     | 8.92530                           | 159.411             | 1.049950              | 1.79190                | 1.28712            | 9.16792             | 12.67230                  | 12.6469              |
| Dec.         | 1.39959          | 1.23748     | 8.91599                           | 159.848             | 1.041830              | 1.79808                | 1.28791            | 9.20217             | 12.38880                  | 12.7593              |
| 2022 Jan.    | 1.39178          | 1.24756     | 8.85089                           | 160.653             | 1.038330              | 1.77021                | 1.29986            | 9.28428             | 12.48620                  | 13.0564              |
| 2021 Dec. 17 | 1.39850          | 1.23434     | 8.91170                           | 159.220             | 1.052540              | 1.79652                | 1.28606            | 9.17911             | 12.56350                  | 12.6422              |
| 20           | 1.39579          | 1.23817     | 8.90282                           | 158.548             | 1.057300              | 1.80644                | 1.28922            | 9.20751             | 12.61880                  | 12.7645              |
| 21           | 1.39683          | 1.23668     | 8.90004                           | 158.750             | 1.054490              | 1.80568                | 1.28823            | 9.19616             | 12.55080                  | 12.7536              |
| 22           | 1.39765          | 1.23675     | 8.90797                           | 159.556             | 1.049680              | 1.79808                | 1.28982            | 9.19667             | 12.44330                  | 12.7899              |
| 23           | 1.39959          | 1.23748     | 8.91599                           | 159.848             | 1.041830              | .                      | 1.28791            | 9.20217             | 12.38880                  | 12.7593              |
| 2022 Jan. 3  | 1.40098          | 1.23380     | .                                 | .                   | .                     | .                      | 1.27784            | 9.17726             | 12.33960                  | 12.6795              |
| 4            | 1.39656          | 1.23820     | 8.90321                           | 161.191             | 1.034840              | 1.77475                | 1.28302            | 9.20946             | 12.39910                  | 12.7026              |
| 5            | 1.39914          | 1.23610     | 8.91528                           | 162.580             | 1.033260              | 1.77928                | 1.28035            | 9.19456             | 12.32040                  | 12.6868              |
| 6            | 1.39841          | 1.23589     | 8.91369                           | 162.271             | 1.033020              | 1.78171                | 1.28346            | 9.19413             | 12.40220                  | .                    |
| 7            | 1.39818          | 1.23754     | 8.91115                           | 162.035             | 1.031790              | 1.77093                | 1.28933            | 9.20488             | 12.41110                  | 12.7563              |
| 10           | 1.39994          | 1.23691     | 8.92124                           | 161.677             | 1.030620              | 1.77499                | 1.29068            | 9.20031             | 12.40040                  | 12.7304              |
| 11           | 1.40038          | 1.23534     | 8.92403                           | 161.491             | 1.030900              | 1.76531                | 1.29731            | 9.19135             | 12.37370                  | 12.7072              |
| 12           | 1.40186          | 1.23295     | 8.92212                           | 161.677             | 1.028170              | 1.75373                | 1.29469            | 9.17490             | 12.23950                  | 12.6713              |
| 13           | 1.40739          | 1.22776     | 8.95167                           | 161.371             | 1.025420              | 1.75698                | 1.28361            | 9.13559             | 12.19570                  | 12.5439              |
| 14           | 1.40790          | 1.22993     | 8.93455                           | 160.501             | 1.025940              | 1.76621                | 1.28316            | 9.15240             | 12.28240                  | 12.5648              |
| 18           | 1.40360          | 1.23480     | 8.91337                           | 160.768             | 1.031980              | 1.75856                | 1.28429            | 9.19008             | 12.30320                  | 12.6889              |
| 19           | 1.40223          | 1.23599     | 8.90797                           | 160.836             | 1.028710              | 1.75167                | 1.28451            | 9.19802             | 12.28170                  | 12.8102              |
| 20           | 1.40239          | 1.23690     | 8.89458                           | 160.266             | 1.030720              | 1.74935                | 1.28382            | 9.20548             | 12.31680                  | 12.7710              |
| 21           | 1.40202          | 1.23548     | 8.89039                           | 159.592             | 1.034130              | 1.75884                | 1.28026            | 9.19591             | 12.41940                  | 12.8710              |
| 24           | 1.40091          | 1.23931     | 8.87028                           | 159.466             | 1.038640              | 1.77299                | 1.27819            | 9.22433             | 12.59600                  | 12.8922              |
| 25           | 1.39888          | 1.24146     | 8.85355                           | 159.444             | 1.040370              | 1.76665                | 1.28718            | 9.24112             | 12.58660                  | 12.9724              |
| 26           | 1.39973          | 1.24123     | 8.85105                           | 159.303             | 1.035950              | 1.76450                | 1.28845            | 9.23728             | 12.42650                  | 12.9601              |
| 27           | 1.39204          | 1.24735     | 8.85504                           | 159.626             | 1.039930              | 1.76957                | 1.29551            | 9.28384             | 12.46140                  | 13.0279              |
| 28           | 1.39073          | 1.24863     | 8.85089                           | 160.546             | 1.038710              | 1.77624                | 1.29595            | 9.29385             | 12.51880                  | 13.1242              |
| 31           | 1.39178          | 1.24756     | .                                 | 160.653             | 1.038330              | 1.77021                | 1.29986            | 9.28428             | 12.48620                  | 13.0564              |
| Feb. 1       | 1.39796          | 1.24153     | .                                 | 160.975             | 1.035910              | 1.77457                | 1.28752            | 9.23788             | 12.37030                  | 12.9826              |
| 2            | 1.40071          | 1.23705     | .                                 | 160.662             | 1.032590              | 1.77568                | 1.28774            | 9.20158             | 12.27500                  | 12.9125              |
| 3            | 1.39918          | 1.23975     | .                                 | 160.137             | 1.028700              | .                      | 1.29089            | .                   | 12.34110                  | 12.8830              |
| 4            | 1.40662          | 1.22698     | .                                 | 161.761             | 1.036260              | 1.79456                | 1.29795            | 9.13275             | .                         | 12.8013              |
| 7            | 1.40463          | 1.22708     | 8.92881                           | 161.856             | 1.039550              | 1.78220                | 1.29718            | 9.13476             | 12.35150                  | 12.8483              |
| 8            | 1.40365          | 1.23041     | 8.94278                           | 161.827             | 1.036360              | 1.78390                | 1.29543            | 9.15885             | 12.39730                  | 12.8250              |
| 9            | 1.40401          | 1.22782     | 8.93272                           | 162.206             | 1.034040              | 1.78029                | 1.29661            | 9.13960             | 12.35000                  | 12.8205              |
| 10           | 1.40392          | 1.22731     | 8.92562                           | 162.280             | 1.034660              | 1.78046                | 1.29856            | 9.13167             | 12.35820                  | 12.8155              |
| 11           | 1.40227          | 1.22823     | 8.92045                           | .                   | 1.033900              | 1.78117                | 1.30026            | 9.13809             | 12.37230                  | 13.0267              |
| 14           | 1.39927          | 1.23654     | 8.89767                           | 161.475             | 1.035420              | 1.78239                | 1.29397            | 9.20116             | 12.45110                  | 13.1321              |

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 2020

AS of end April 2020

| Exchange rate arrangement                    | Monetary policy framework                                                                                                                                                                           |                                                                                                                                                                                                                                                                                 |                                |                                                   |                                                                                                           |                                                       |                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------|
|                                              | Exchange rate target                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |                                |                                                   | Monetary aggregate target                                                                                 | Inflation-targeting framework                         | Other 1                                                                 |
|                                              | US dollar                                                                                                                                                                                           | Euro                                                                                                                                                                                                                                                                            | Exchange rate anchor 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                                                                                     | Kosovo<br>Montenegro<br>San Marino                                                                                                                                                                                                                                              |                                | Kiribati<br>Nauru<br>Tuvalu                       |                                                                                                           |                                                       |                                                                         |
| Currency board                               | Djibouti<br>Hong Kong<br><br>ECCU 2<br>Antigua and Barbuda<br>Dominica<br>Grenada<br>Saint Kitts and Nevis<br>Saint Lucia<br>Saint Vincent and the Grenadines                                       | Bosnia and Herzegovina<br>Bulgaria                                                                                                                                                                                                                                              |                                | Brunei<br>Darussalam                              |                                                                                                           |                                                       |                                                                         |
| 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 4<br>Sao Tome and Principe<br><br>WAEMU 5<br>Benin<br>Burkina Faso<br>Côte d'Ivoire<br>Guinea-Bissau<br>Mali<br>Niger<br>Senegal<br>Togo<br><br>CAEMC 6<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 3                                                                                                   |                                                       | Solomon Islands 3                                                       |
| Stabilised arrangement                       | Guyana<br>Iran, Islamic Republic of 7<br>Lebanon<br>Maldives<br>Trinidad and Tobago                                                                                                                 | Croatia<br>North Macedonia                                                                                                                                                                                                                                                      | Morocco<br>Viet Nam 7          |                                                   | Bolivia, Plurinational State of 7<br>Nigeria 7<br>Suriname 7<br>Tanzania, United Republic of 7<br>Yemen 7 | Armenia 7,8<br>Guatemala 7<br>Serbia<br>Sri Lanka 7,8 | Azerbaijan 7<br>Kyrgyzstan 7<br>Malawi 7,8<br>Sudan 7<br>Tajikistan 7,9 |
| Crawling peg                                 | Honduras<br>Nicaragua                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 | Botswana                       |                                                   |                                                                                                           |                                                       |                                                                         |
| Pegged exchange rate within horizontal bands |                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                 |                                |                                                   |                                                                                                           |                                                       |                                                                         |

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2020, Table 4, IMF, Washington. \* See Explanatory notes, pp. 51-52. 1 Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. 2 The members participate in the Eastern Caribbean

Currency Union. 3 The country maintains a de facto exchange rate anchor to a composite. 4 The member participates in ERM II. 5 The members participate in the West African Economic and Monetary Union. 6 The members participate in the Central African Economic and Monetary Community. 7 The country maintains a de facto

## VI. Global exchange rate arrangements and monetary policy framework\*

As of end-April 2020

AS of end April 2020

| Exchange rate arrangement | Monetary policy framework |      |                                |       |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------|------|--------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | Exchange rate target      |      |                                |       | Monetary aggregate target                                                                                                        | Inflation-targeting framework                                                                                                                                                                                                                                                                                     | Other 1                                                                                                                                                                                                                                                             |
|                           | US dollar                 | Euro | Exchange rate anchor Composite | Other |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
| Crawl-like arrangement    | Cambodia<br>Liberia       |      | Singapore                      |       | Algeria 7<br>Bangladesh 7<br>Burundi 7<br>Congo, Democratic Republic of the 7<br>Ethiopia 7<br>Guinea 7,11<br>Papua New Guinea 7 | Costa Rica<br>Dominican Republic 7<br>Paraguay 7,8<br>Romania 10                                                                                                                                                                                                                                                  | Egypt 7,9<br>Haiti 7<br>Lao People's Democratic Republic 7<br>Mauritania 7<br>Mongolia 9<br>Rwanda 7<br>South Sudan 7<br>Tunisia 9,10<br>Uzbekistan 7,9                                                                                                             |
| Other managed arrangement |                           |      | Kuwait<br>Syrian Arab Republic |       | Afghanistan<br>Angola 8,11<br>China<br>Gambia<br>Myanmar<br>Sierra Leone<br>Zimbabwe                                             |                                                                                                                                                                                                                                                                                                                   | Argentina<br>Kenya 9<br>Pakistan 9,11<br>Tonga<br>Vanuatu<br>Venezuela, Bolivarian Republic of                                                                                                                                                                      |
| Floating                  |                           |      |                                |       | Belarus<br>Madagascar                                                                                                            | Albania<br>Brazil<br>Chile<br>Colombia<br>Georgia<br>Ghana<br>Hungary<br>Iceland<br>India<br>Indonesia<br>Israel<br>Jamaica<br>Kazakhstan<br>Korea, Republic of<br>Moldova, Republic of<br>New Zealand<br>Peru<br>Philippines<br>Seychelles<br>South Africa<br>Thailand<br>Turkey<br>Uganda<br>Ukraine<br>Uruguay | Malaysia<br>Mauritius<br>Mozambique 9<br>Switzerland 8,11<br>Zambia                                                                                                                                                                                                 |
| Free floating             |                           |      |                                |       |                                                                                                                                  | Australia<br>Canada<br>Czechia<br>Japan<br>Mexico<br>Norway<br>Poland<br>Russian Federation<br>Sweden<br>United Kingdom                                                                                                                                                                                           | Somalia 12<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 |

exchange rate anchor to the US dollar. <sup>8</sup> The exchange rate arrangement was reclassified twice during this reporting period. <sup>9</sup> The central bank is in transition towards inflation targeting. <sup>10</sup> The country maintains a de facto exchange rate anchor to the euro. <sup>11</sup> The exchange rate arrangement or monetary policy frame-

work was reclassified retroactively, overriding a previously published classification. <sup>12</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                                                                                                                                                                                                        | HKD      | Hong Kong dollar      | Hong Kong                              |
| AOA      | Kwanza                        | Angola                                                                                          | DKK      | Danish krone           | Denmark<br>Faroe Islands<br>Greenland                                                                                                                                                                           | HNL      | Lempira               | Honduras                               |
| ARS      | Argentine peso                | Argentina                                                                                       | DOP      | Dominican peso         | Dominican Republic                                                                                                                                                                                              | HRK      | Kuna                  | Croatia                                |
| 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      | Azerbaijani manat             | Azerbaijan                                                                                      | ETB      | Birr                   | Ethiopia                                                                                                                                                                                                        | ILS      | New shekel            | Israel                                 |
|          |                               |                                                                                                 | EUR      | Euro                   | 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 | 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                         |
|          |                               |                                                                                                 |          |                        |                                                                                                                                                                                                                 | KZT      | Tenge                 | Kazakhstan                             |
| CAD      | Canadian dollar               | Canada                                                                                          | FJD      | Fiji dollar            | Fiji                                                                                                                                                                                                            |          |                       |                                        |
| CDF      | Congo franc                   | Congo, Democratic Republic of the                                                               | FKP      | Falkland Islands pound | Falkland Islands (Islas Malvinas)                                                                                                                                                                               | LAK      | Kip                   | Lao People's Democratic Republic       |
| CHF      | Swiss franc                   | Switzerland<br>Liechtenstein                                                                    |          |                        |                                                                                                                                                                                                                 | LBP      | Lebanese pound        | Lebanon                                |
| CLP      | Chilean peso                  | Chile                                                                                           | GBP      | Pound sterling         | United Kingdom<br>Guernsey<br>Isle of Man<br>Jersey                                                                                                                                                             | 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. <sup>1</sup> 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                                                                                                                                                                                                                                                                                                                                        | VED      | Bolívar Soberano      | Venezuela,<br>Bolivarian Republic of <sup>1</sup>                                                                                                   |
| MKD      | North Macedonia denar | North Macedonia                                                          | SDG      | Sudanese pound             | Sudan                                                                                                                                                                                                                                                                                                                                             | VES      | Bolívar Soberano      | 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                                                                                                                                                                                                                                                                                                   | WST      | Tala                  | Samoa                                                                                                                                               |
| MRU      | Ouguiya               | Mauritania                                                               | SLL      | Leone                      | Sierra Leone                                                                                                                                                                                                                                                                                                                                      | XAF      | CFA franc             | Cameroon<br>Central African<br>Republic<br>Chad<br>Congo<br>Equatorial Guinea<br>Gabon                                                              |
| MUR      | Mauritian rupee       | Mauritius                                                                | SOS      | Somali shilling            | Somalia                                                                                                                                                                                                                                                                                                                                           | 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 |
| MVR      | Rufiyaa               | Maldives                                                                 | SRD      | Suriname dollar            | Suriname                                                                                                                                                                                                                                                                                                                                          | XOF      | CFA franc             | Benin<br>Burkina Faso<br>Côte d'Ivoire<br>Guinea-Bissau<br>Mali<br>Niger<br>Senegal<br>Togo                                                         |
| MWK      | Malawi kwacha         | Malawi                                                                   | SSP      | South Sudanese pound       | South Sudan                                                                                                                                                                                                                                                                                                                                       | XPF      | CFP franc             | New Caledonia<br>French Polynesia<br>Wallis and Futuna<br>(Islands)                                                                                 |
| MXN      | Mexican peso          | Mexico                                                                   | STN      | Dobra                      | Sao Tome and Principe                                                                                                                                                                                                                                                                                                                             | YER      | Yemeni rial           | Yemen                                                                                                                                               |
| MYR      | Malaysian ringgit     | Malaysia                                                                 | SVC      | El Salvador colón          | El Salvador                                                                                                                                                                                                                                                                                                                                       | ZAR      | South African rand    | South Africa<br>Lesotho<br>Namibia                                                                                                                  |
| MZN      | Metical               | Mozambique                                                               | SYP      | Syrian pound               | Syrian Arab Republic                                                                                                                                                                                                                                                                                                                              | ZMW      | Kwacha                | Zambia                                                                                                                                              |
| NAD      | Namibia dollar        | Namibia                                                                  | SZL      | Lilangeni                  | Eswatini                                                                                                                                                                                                                                                                                                                                          | ZWL      | Zimbabwe dollar       | Zimbabwe                                                                                                                                            |
| NGN      | Naira                 | Nigeria                                                                  | THB      | Thai baht                  | Thailand                                                                                                                                                                                                                                                                                                                                          |          |                       |                                                                                                                                                     |
| NIO      | Córdoba               | Nicaragua                                                                | TJS      | Somoni                     | Tajikistan                                                                                                                                                                                                                                                                                                                                        |          |                       |                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                               |          |                       |                                                                                                                                                     |
|          |                       |                                                                          | TWD      | New Taiwan dollar          | China (Taiwan)                                                                                                                                                                                                                                                                                                                                    |          |                       |                                                                                                                                                     |
| OMR      | Rial Omani            | Oman                                                                     | TZS      | Tanzania shilling          | Tanzania, United<br>Republic of                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| PAB      | Balboa                | Panama                                                                   | UAH      | Hryvnia                    | Ukraine                                                                                                                                                                                                                                                                                                                                           |          |                       |                                                                                                                                                     |
| PEN      | Sol                   | Peru                                                                     | UGX      | Uganda shilling            | Uganda                                                                                                                                                                                                                                                                                                                                            |          |                       |                                                                                                                                                     |
| PGK      | Kina                  | Papua New Guinea                                                         | USD      | US dollar                  | United States<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<br>Saint Eustatius<br>Timor-Leste<br>Turks and Caicos Islands<br>Virgin Islands of the<br>United States |          |                       |                                                                                                                                                     |
| PHP      | Philippine peso       | Philippines                                                              |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| PKR      | Pakistani rupee       | Pakistan                                                                 |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| PLN      | Polish zloty          | Poland                                                                   |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| PYG      | Guaraní               | Paraguay                                                                 |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| QAR      | Qatari riyal          | Qatar                                                                    |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| RON      | Romanian leu          | Romania                                                                  |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| RSD      | Serbian dinar         | Serbia                                                                   |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| RUB      | Russian rouble        | Russian Federation                                                       |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |
| RWF      | Rwanda franc          | Rwanda                                                                   |          |                            |                                                                                                                                                                                                                                                                                                                                                   |          |                       |                                                                                                                                                     |

\* Extracted and compiled from ISO communications. <sup>1</sup> 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 and Lithuania on 1 January 2015 (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 14:15 CET. Only one reference rate, i. e. the middle rate, is established by this procedure. The ECB changed the publication time of the euro foreign exchange reference rates from around 14:30 CET to around 16:00 CET with effect from 1 July 2016. 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/Frameworkfortheeuroforeignexchangereserates.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 Classification (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 EER-19 and EER-42 groups 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, 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 26 selected industrialised countries comprises the respective composition of euro area countries (see Table I. 1., p. 7) as well as Canada, Denmark, Japan,

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

Figures in %

As of July 2020

| Trading partner                                     | Calculation period for weights <sup>1</sup> |                                 |                    |                    |                    |                    |                         |                                 |                    |                    |                    |                    |
|-----------------------------------------------------|---------------------------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                                     | EER-19                                      |                                 |                    |                    |                    |                    | EER-42                  |                                 |                    |                    |                    |                    |
|                                                     | 1995<br>to<br>1997                          | 1998<br>to<br>2000              | 2007<br>to<br>2009 | 2010<br>to<br>2012 | 2013<br>to<br>2015 | 2016<br>to<br>2018 | 1995<br>to<br>1997      | 1998<br>to<br>2000              | 2007<br>to<br>2009 | 2010<br>to<br>2012 | 2013<br>to<br>2015 | 2016<br>to<br>2018 |
|                                                     | Period of use of weights <sup>1</sup>       |                                 |                    |                    |                    |                    |                         |                                 |                    |                    |                    |                    |
|                                                     | Up to<br>end of<br>1997                     | 1998<br>to<br>2000 <sup>2</sup> | 2007<br>to<br>2009 | 2010<br>to<br>2012 | 2013<br>to<br>2015 | From<br>2016       | Up to<br>end of<br>1997 | 1998<br>to<br>2000 <sup>2</sup> | 2007<br>to<br>2009 | 2010<br>to<br>2012 | 2013<br>to<br>2015 | From<br>2016       |
| <b>EER-42 group</b>                                 |                                             |                                 |                    |                    |                    |                    | 100                     | 100                             | 100                | 100                | 100                | 100                |
| <b>EER-19 group</b>                                 | 100                                         | 100                             | 100                | 100                | 100                | 100                |                         |                                 |                    |                    |                    |                    |
| Australia                                           | 1.00                                        | 0.90                            | 1.04               | 1.14               | 1.04               | 1.01               | 0.82                    | 0.75                            | 0.82               | 0.89               | 0.82               | 0.80               |
| Bulgaria                                            | 0.27                                        | 0.31                            | 0.63               | 0.59               | 0.63               | 0.67               | 0.22                    | 0.26                            | 0.50               | 0.46               | 0.49               | 0.53               |
| Canada                                              | 1.84                                        | 1.95                            | 1.89               | 1.86               | 1.80               | 1.76               | 1.51                    | 1.61                            | 1.50               | 1.45               | 1.42               | 1.39               |
| China                                               | 4.13                                        | 4.86                            | 13.65              | 16.69              | 17.48              | 17.55              | 3.38                    | 4.01                            | 10.83              | 13.05              | 13.76              | 13.88              |
| Croatia                                             | 0.66                                        | 0.55                            | 0.75               | 0.59               | 0.58               | 0.64               | 0.54                    | 0.45                            | 0.60               | 0.46               | 0.45               | 0.51               |
| Czechia                                             | 2.37                                        | 2.52                            | 4.34               | 4.35               | 4.24               | 4.57               | 1.94                    | 2.08                            | 3.45               | 3.40               | 3.33               | 3.62               |
| Denmark                                             | 3.14                                        | 2.81                            | 2.92               | 2.51               | 2.42               | 2.36               | 2.57                    | 2.33                            | 2.32               | 1.96               | 1.91               | 1.86               |
| Hong Kong                                           | 3.63                                        | 3.30                            | 2.61               | 2.58               | 2.56               | 2.26               | 2.96                    | 2.73                            | 2.07               | 2.02               | 2.01               | 1.79               |
| Hungary                                             | 1.62                                        | 2.17                            | 2.86               | 2.61               | 2.68               | 2.81               | 1.32                    | 1.79                            | 2.27               | 2.04               | 2.11               | 2.22               |
| Japan                                               | 10.01                                       | 9.05                            | 6.23               | 5.86               | 4.81               | 4.86               | 8.18                    | 7.47                            | 4.94               | 4.59               | 3.78               | 3.85               |
| Korea, Republic of                                  | 2.86                                        | 2.56                            | 3.29               | 3.21               | 3.07               | 2.98               | 2.33                    | 2.11                            | 2.61               | 2.51               | 2.42               | 2.36               |
| Norway                                              | 1.69                                        | 1.59                            | 1.73               | 1.59               | 1.44               | 1.27               | 1.38                    | 1.31                            | 1.37               | 1.24               | 1.14               | 1.00               |
| Poland                                              | 2.59                                        | 2.95                            | 5.53               | 5.71               | 5.94               | 6.48               | 2.12                    | 2.43                            | 4.39               | 4.47               | 4.67               | 5.13               |
| Romania                                             | 0.71                                        | 0.80                            | 1.83               | 1.87               | 2.09               | 2.33               | 0.58                    | 0.66                            | 1.45               | 1.46               | 1.65               | 1.84               |
| Singapore                                           | 2.39                                        | 2.06                            | 2.06               | 2.21               | 2.07               | 2.17               | 1.95                    | 1.70                            | 1.64               | 1.73               | 1.63               | 1.72               |
| Sweden                                              | 5.11                                        | 4.89                            | 4.45               | 4.30               | 4.09               | 3.91               | 4.17                    | 4.03                            | 3.53               | 3.36               | 3.22               | 3.10               |
| Switzerland                                         | 9.70                                        | 8.60                            | 8.15               | 8.33               | 7.81               | 7.35               | 7.92                    | 7.10                            | 6.46               | 6.51               | 6.14               | 5.82               |
| United Kingdom                                      | 22.91                                       | 22.40                           | 17.07              | 15.53              | 15.74              | 15.09              | 18.72                   | 18.49                           | 13.55              | 12.14              | 12.39              | 11.94              |
| United States                                       | 23.37                                       | 25.73                           | 18.97              | 18.47              | 19.51              | 19.93              | 19.09                   | 21.24                           | 15.05              | 14.44              | 15.35              | 15.77              |
| <b>Additional countries<br/>in the EER-42 group</b> |                                             |                                 |                    |                    |                    |                    |                         |                                 |                    |                    |                    |                    |
| Algeria                                             |                                             |                                 |                    |                    |                    |                    | 0.36                    | 0.32                            | 0.40               | 0.39               | 0.40               | 0.30               |
| Argentina                                           |                                             |                                 |                    |                    |                    |                    | 0.53                    | 0.50                            | 0.35               | 0.44               | 0.36               | 0.34               |
| Brazil                                              |                                             |                                 |                    |                    |                    |                    | 1.28                    | 1.24                            | 1.43               | 1.58               | 1.39               | 1.16               |
| Chile                                               |                                             |                                 |                    |                    |                    |                    | 0.34                    | 0.30                            | 0.41               | 0.40               | 0.32               | 0.27               |
| China (Taiwan)                                      |                                             |                                 |                    |                    |                    |                    | 1.82                    | 1.88                            | 1.26               | 1.28               | 1.16               | 1.22               |
| Colombia                                            |                                             |                                 |                    |                    |                    |                    | 0.21                    | 0.17                            | 0.19               | 0.20               | 0.20               | 0.18               |
| Iceland                                             |                                             |                                 |                    |                    |                    |                    | 0.07                    | 0.08                            | 0.10               | 0.09               | 0.09               | 0.11               |
| India                                               |                                             |                                 |                    |                    |                    |                    | 1.13                    | 1.16                            | 2.27               | 2.64               | 2.64               | 2.84               |
| Indonesia                                           |                                             |                                 |                    |                    |                    |                    | 0.81                    | 0.61                            | 0.54               | 0.64               | 0.62               | 0.62               |
| Israel                                              |                                             |                                 |                    |                    |                    |                    | 1.04                    | 1.04                            | 0.75               | 0.79               | 0.84               | 0.91               |
| Malaysia                                            |                                             |                                 |                    |                    |                    |                    | 1.13                    | 1.01                            | 0.95               | 0.96               | 0.92               | 0.87               |
| Mexico                                              |                                             |                                 |                    |                    |                    |                    | 0.76                    | 1.07                            | 1.04               | 1.13               | 1.20               | 1.32               |
| Morocco                                             |                                             |                                 |                    |                    |                    |                    | 0.53                    | 0.60                            | 0.66               | 0.64               | 0.66               | 0.72               |
| New Zealand                                         |                                             |                                 |                    |                    |                    |                    | 0.17                    | 0.13                            | 0.14               | 0.14               | 0.15               | 0.15               |
| Peru                                                |                                             |                                 |                    |                    |                    |                    | 0.13                    | 0.10                            | 0.12               | 0.15               | 0.15               | 0.16               |
| Philippines                                         |                                             |                                 |                    |                    |                    |                    | 0.36                    | 0.45                            | 0.34               | 0.33               | 0.39               | 0.42               |
| Russian Federation                                  |                                             |                                 |                    |                    |                    |                    | 2.29                    | 1.75                            | 3.11               | 3.34               | 3.08               | 2.56               |
| Saudi Arabia                                        |                                             |                                 |                    |                    |                    |                    | 0.46                    | 0.42                            | 0.66               | 0.68               | 0.80               | 0.75               |
| South Africa                                        |                                             |                                 |                    |                    |                    |                    | 0.88                    | 0.82                            | 0.89               | 0.84               | 0.75               | 0.71               |
| Thailand                                            |                                             |                                 |                    |                    |                    |                    | 1.13                    | 0.89                            | 0.95               | 0.99               | 1.05               | 1.16               |
| Turkey                                              |                                             |                                 |                    |                    |                    |                    | 2.00                    | 2.09                            | 2.59               | 2.66               | 2.68               | 2.59               |
| Ukraine                                             |                                             |                                 |                    |                    |                    |                    | 0.43                    | 0.36                            | 0.66               | 0.60               | 0.44               | 0.41               |
| United Arab Emirates                                |                                             |                                 |                    |                    |                    |                    | 0.44                    | 0.46                            | 0.84               | 0.91               | 1.02               | 1.10               |

° Weights based on trade in goods and services. Figures have been rounded. In addition, the ECB publishes weighting schemes and indicators for a group of 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.

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 EER-19 group; the group of 60 countries consists of the euro area countries as well as the countries of the EER-42 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 and its abbreviation, 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

With the introduction of the Chinese renminbi on 1 October 2016, the value of an SDR (ISO code XDR) is defined as the sum of the values of fixed amounts of five currencies.

The composition of the currency basket as well as the weight and amounts of the currency units in the basket are reviewed every five years. In the most recently concluded review (November 2015), the Executive Board of the IMF decided that the Chinese renminbi will be included in the SDR basket as the fifth currency. With effect from 1 October 2016, the SDR basket comprises the five fixed currency amounts shown in column (a). These were

fixed on 30 September 2016 on the basis of the average exchange rates in the London spot exchange market in the third quarter of 2016 and of the initial new percentage weights (column (b)) such that, on 30 September 2016, 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/2016/12/31/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-PP5065>).

|                         | (a)      | (b)   |
|-------------------------|----------|-------|
| US dollar               | 0.58252  | 41.73 |
| Euro                    | 0.38671  | 30.93 |
| Chinese yuan (renminbi) | 1.0174   | 10.92 |
| Japanese yen            | 11.900   | 8.33  |
| Pound sterling          | 0.085946 | 8.09  |

On 5 March 2021, the IMF Executive Board approved a continuation of the current Special drawing rights valuation basket for an additional ten months until 31 July 2022. The next review is now scheduled to be completed by mid-2022, with the new SDR basket taking effect on 1 August 2022.

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 reference exchange 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 2020 (see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2020”, 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

### Angola

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

### 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 Administración Federal de Ingresos Públicos (AFIP) has been levying an additional tax of 35% on the same transactions since 16 September 2020.

In addition, there are said to be significantly different black market prices.

### 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 (UEMOA = Union Économique et Monétaire Ouest Africaine). The responsible monetary authority is the Banque Centrale des Etats de l'Afrique de l'Ouest, whose CFA franc (F.CFA = Franc de la Communauté Financière Africaine) is legal tender only in the aforementioned countries.

### Bhutan

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

### Brunei Darussalam

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

### Burkina Faso

See Explanatory notes on Benin.

### Cameroon

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

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 bureaux.

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.

## Iraq

The official exchange rate applies only to foreign exchange transactions between the central bank and domestic and foreign commercial banks, public sector institutions, money transfer institutions and foreign exchange bureaux.

## 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.

## Lebanon

The ongoing liquidity and economic crisis in Lebanon has resulted in a sharp depreciation of the Lebanese pound in the parallel market that has formed in the meantime. This has prompted Lebanon’s central bank to introduce various measures since mid-2020 to contain the resulting foreign currency shortage.

Alongside the existing official exchange rate to the US dollar (LBP 1,507.50), it introduced a bank rate of LBP 3,900 per US dollar. In addition, commercial banks and foreign exchange dealers operating in Lebanon are required to conduct transactions in foreign currency via the central bank’s own Sayrafa electronic platform. According to the Lebanese central bank, the exchange rate formed here is intended to reflect the current market situation.

We have the following information on how exchange rates have been applied since the end of August 2021:

Official exchange rate

For specific imports, for example, wheat, medication, medical supplies, selected commodities and for servicing limited retail consumer and housing loans denominated in US dollar.

Bank rate

For limited cash withdrawals from foreign currency accounts at banks in Lebanon.

Sayrafa market rate

For imports of petrol, diesel and gas, and for regulated buying and selling of foreign currencies.

### **Lesotho**

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

### **Liberia**

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

### **Macao**

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

### **Mali**

See Explanatory notes on Benin.

### **Namibia**

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

### **New Caledonia**

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

### **Niger**

See Explanatory notes on Benin.

### **Nigeria**

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

### **Panama**

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

### **Senegal**

See Explanatory notes on Benin.

### **Singapore**

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

### **Somalia**

We have no exchange rates for the Somali shilling.

### **Syrian Arab Republic**

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

### **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**

With effect from 1 October 2021, a currency changeover took place at the ratio of 1,000,000 (old) bolívar = 1 (new) bolívar. The currency changeover did not entail any appreciation or depreciation against other currencies.

In addition, on 1 October a new ISO currency code – VED – was introduced alongside the existing VES code. This code is only for internal purposes, however, and is not intended to replace VES as the official currency code.

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

## Zimbabwe

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