



# Exchange rate statistics

## December 2020

Statistical Series

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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 | Data unknown, not to be published or not meaningful |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 <sup>1</sup> |
|----------------|-------------|--------------------|-------------------|----------------|-----------------------------------------|
| 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                                |

<sup>1</sup> 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 ...<br>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<br>Danish krone<br>DKK           | Upper rate   | 7.62824                 | 7.62824              | 7.62824      | 7.62824    | 7.62824              | 7.62824               | 7.62824               | 7.62824              |
|                                          | Central rate | <sup>1</sup> 7.46038    | 7.46038              | 7.46038      | 7.46038    | 7.46038              | 7.46038               | 7.46038               | 7.46038              |
|                                          | Lower rate   | 7.29252                 | 7.29252              | 7.29252      | 7.29252    | 7.29252              | 7.29252               | 7.29252               | 7.29252              |
| Bulgaria<br>Bulgarian lev<br>BGN         | Upper rate   | –                       | –                    | –            | –          | –                    | –                     | –                     | 2.24920              |
|                                          | Central rate | –                       | –                    | –            | –          | –                    | –                     | –                     | <sup>2</sup> 1.95583 |
|                                          | Lower rate   | –                       | –                    | –            | –          | –                    | –                     | –                     | 1.66246              |
| Croatia<br>Croatian kuna<br>HRK          | Upper rate   | –                       | –                    | –            | –          | –                    | –                     | –                     | 8.66468              |
|                                          | Central rate | –                       | –                    | –            | –          | –                    | –                     | –                     | <sup>2</sup> 7.53450 |
|                                          | Lower rate   | –                       | –                    | –            | –          | –                    | –                     | –                     | 6.40433              |
| Greece<br>Greek drachma<br>GRD           | Upper rate   | 406.075                 | <sup>3</sup> 391.863 | –            | –          | –                    | –                     | –                     | –                    |
|                                          | Central rate | <sup>1</sup> 353.109    | 340.750              | –            | –          | –                    | –                     | –                     | –                    |
|                                          | Lower rate   | 300.143                 | 289.638              | –            | –          | –                    | –                     | –                     | –                    |
| Estonia<br>Estonian kroon<br>EEK         | Upper rate   | –                       | –                    | 17.9936      | 17.9936    | 17.9936              | 17.9936               | 17.9936               | –                    |
|                                          | Central rate | –                       | –                    | 15.6466      | 15.6466    | 15.6466              | 15.6466               | <sup>4</sup> 15.6466  | –                    |
|                                          | Lower rate   | –                       | –                    | 13.2996      | 13.2996    | 13.2996              | 13.2996               | 13.2996               | –                    |
| Lithuania<br>Lithuanian litas<br>LTL     | Upper rate   | –                       | –                    | 3.97072      | 3.97072    | 3.97072              | 3.97072               | 3.97072               | –                    |
|                                          | Central rate | –                       | –                    | 3.45280      | 3.45280    | 3.45280              | 3.45280               | <sup>5</sup> 3.45280  | –                    |
|                                          | Lower rate   | –                       | –                    | 2.93488      | 2.93488    | 2.93488              | 2.93488               | 2.93488               | –                    |
| Slovenia<br>Slovenian tolar<br>SIT       | Upper rate   | –                       | –                    | 275.586      | 275.586    | 275.586              | –                     | –                     | –                    |
|                                          | Central rate | –                       | –                    | 239.640      | 239.640    | <sup>6</sup> 239.640 | –                     | –                     | –                    |
|                                          | Lower rate   | –                       | –                    | 203.694      | 203.694    | 203.694              | –                     | –                     | –                    |
| Cyprus<br>Cyprus pound<br>CYP            | Upper rate   | –                       | –                    | –            | 0.673065   | 0.673065             | 0.673065              | –                     | –                    |
|                                          | Central rate | –                       | –                    | –            | 0.585274   | 0.585274             | <sup>7</sup> 0.585274 | –                     | –                    |
|                                          | Lower rate   | –                       | –                    | –            | 0.497483   | 0.497483             | 0.497483              | –                     | –                    |
| Latvia<br>Latvian lats<br>LVL            | Upper rate   | –                       | –                    | –            | 0.808225   | 0.808225             | 0.808225              | 0.808225              | –                    |
|                                          | Central rate | –                       | –                    | –            | 0.702804   | 0.702804             | 0.702804              | <sup>8</sup> 0.702804 | –                    |
|                                          | Lower rate   | –                       | –                    | –            | 0.597383   | 0.597383             | 0.597383              | 0.597383              | –                    |
| Malta<br>Maltese lira<br>MTL             | Upper rate   | –                       | –                    | –            | 0.493695   | 0.493695             | 0.493695              | –                     | –                    |
|                                          | Central rate | –                       | –                    | –            | 0.429300   | 0.429300             | <sup>7</sup> 0.429300 | –                     | –                    |
|                                          | Lower rate   | –                       | –                    | –            | 0.364905   | 0.364905             | 0.364905              | –                     | –                    |
| Slovakia<br>Slovak koruna<br>SKK         | Upper rate   | –                       | –                    | –            | –          | 44.2233              | 40.7588               | 34.6449               | –                    |
|                                          | Central rate | –                       | –                    | –            | –          | 38.4550              | 35.4424               | <sup>9</sup> 30.1260  | –                    |
|                                          | 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 |
| 2019 Oct.           | 1.9558               | 7.4579      | 25.509              | 7.4708              | 328.70                  | 4.2581              | 4.7560              | 10.7498              |
| Nov.                | 1.9558               | 7.4385      | 25.515              | 7.4713              | 333.82                  | 4.3185              | 4.7823              | 10.4995              |
| Dec.                | 1.9558               | 7.4395      | 25.408              | 7.4715              | 330.53                  | 4.2568              | 4.7830              | 10.4468              |
| 2020 Jan.           | 1.9558               | 7.4440      | 25.210              | 7.4731              | 337.05                  | 4.3009              | 4.7789              | 10.6768              |
| Feb.                | 1.9558               | 7.4695      | 25.390              | 7.4723              | 337.57                  | 4.3259              | 4.8130              | 10.6738              |
| Mar.                | 1.9558               | 7.6255      | 27.312              | 7.4674              | 360.02                  | 4.5506              | 4.8283              | 11.0613              |
| Apr.                | 1.9558               | 7.5790      | 27.097              | 7.4584              | 352.72                  | 4.5336              | 4.8431              | 10.6639              |
| May                 | 1.9558               | 7.5870      | 26.921              | 7.4542              | 348.73                  | 4.4495              | 4.8493              | 10.4870              |
| June                | 1.9558               | 7.5708      | 26.740              | 7.4526              | 356.58                  | 4.4560              | 4.8397              | 10.4948              |
| July                | 1.9558               | 7.4815      | 26.175              | 7.4442              | 344.95                  | 4.4034              | 4.8315              | 10.2835              |
| Aug.                | 1.9558               | 7.5280      | 26.208              | 7.4439              | 354.54                  | 4.3971              | 4.8398              | 10.2888              |
| Sep.                | 1.9558               | 7.5565      | 27.233              | 7.4462              | 365.53                  | 4.5462              | 4.8725              | 10.5713              |
| Oct.                | 1.9558               | 7.5748      | 27.251              | 7.4466              | 367.45                  | 4.6222              | 4.8725              | 10.3650              |
| Nov.                | 1.9558               | 7.5538      | 26.192              | 7.4412              | 359.59                  | 4.4710              | 4.8732              | 10.1778              |
| 2020 Nov. 18        | 1.9558               | 7.5670      | 26.401              | 7.4516              | 360.25                  | 4.4694              | 4.8730              | 10.2135              |
| 19                  | 1.9558               | 7.5655      | 26.358              | 7.4498              | 360.90                  | 4.4714              | 4.8732              | 10.2060              |
| 20                  | 1.9558               | 7.5665      | 26.340              | 7.4489              | 359.50                  | 4.4639              | 4.8735              | 10.2168              |
| 23                  | 1.9558               | 7.5615      | 26.311              | 7.4472              | 360.21                  | 4.4735              | 4.8740              | 10.2145              |
| 24                  | 1.9558               | 7.5610      | 26.258              | 7.4424              | 361.35                  | 4.4666              | 4.8728              | 10.2040              |
| 25                  | 1.9558               | 7.5595      | 26.175              | 7.4419              | 361.13                  | 4.4679              | 4.8735              | 10.1358              |
| 26                  | 1.9558               | 7.5552      | 26.138              | 7.4420              | 361.18                  | 4.4749              | 4.8743              | 10.1568              |
| 27                  | 1.9558               | 7.5577      | 26.213              | 7.4415              | 362.32                  | 4.4907              | 4.8736              | 10.1723              |
| 30                  | 1.9558               | 7.5538      | 26.192              | 7.4412              | 359.59                  | 4.4710              | 4.8732              | 10.1778              |
| Dec. 1              | 1.9558               | 7.5515      | 26.235              | 7.4441              | 357.20                  | 4.4788              | 4.8710              | 10.2135              |
| 2                   | 1.9558               | 7.5520      | 26.411              | 7.4438              | 357.40                  | 4.4783              | 4.8714              | 10.2813              |
| 3                   | 1.9558               | 7.5470      | 26.420              | 7.4439              | 357.63                  | 4.4733              | 4.8730              | 10.3025              |
| 4                   | 1.9558               | 7.5415      | 26.518              | 7.4429              | 358.57                  | 4.4769              | 4.8725              | 10.2578              |
| 7                   | 1.9558               | 7.5400      | 26.482              | 7.4433              | 359.49                  | 4.4670              | 4.8735              | 10.2018              |
| 8                   | 1.9558               | 7.5403      | 26.398              | 7.4436              | 360.10                  | 4.4663              | 4.8728              | 10.2358              |
| 9                   | 1.9558               | 7.5490      | 26.239              | 7.4429              | 356.64                  | 4.4246              | 4.8685              | 10.2745              |
| 10                  | 1.9558               | 7.5455      | 26.307              | 7.4423              | 355.24                  | 4.4268              | 4.8695              | 10.2395              |
| 11                  | 1.9558               | 7.5375      | 26.328              | 7.4429              | 354.81                  | 4.4358              | 4.8698              | 10.2560              |

|      |           | 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 | Chinese yuan<br>renminbi<br>CNY | Hong Kong dollar<br>HKD | Icelandic krona<br>ISK | Indian rupee<br>INR | Indonesian rupiah<br>IDR |
| 2019 | Oct.      | 1.6137                                    | 4.4514                | 1.4673                 | 7.8540                          | 8.7401                  | 138.10                 | 79.1125             | 15,701.50                |
|      | Nov.      | 1.6228                                    | 4.6459                | 1.4614                 | 7.7172                          | 8.5954                  | 134.00                 | 78.6875             | 15,490.11                |
|      | Dec.      | 1.5995                                    | 4.5157                | 1.4598                 | 7.8205                          | 8.7473                  | 135.80                 | 80.1870             | 15,595.60                |
| 2020 | Jan.      | 1.6494                                    | 4.7157                | 1.4627                 | 7.6664                          | 8.5843                  | 136.30                 | 78.9055             | 15,091.51                |
|      | Feb.      | 1.6875                                    | 4.9232                | 1.4757                 | 7.6662                          | 8.5550                  | 139.30                 | 79.2850             | 15,749.25                |
|      | Mar.      | 1.7967                                    | 5.7001                | 1.5617                 | 7.7784                          | 8.4945                  | 155.60                 | 82.8985             | 17,869.24                |
|      | Apr.      | 1.6598                                    | 5.8565                | 1.5077                 | 7.6665                          | 8.4300                  | 159.30                 | 81.6108             | 16,178.05                |
|      | May       | 1.6681                                    | 5.9654                | 1.5280                 | 7.9456                          | 8.6347                  | 150.80                 | 84.1025             | 16,269.70                |
|      | June      | 1.6344                                    | 6.1118                | 1.5324                 | 7.9219                          | 8.6788                  | 155.40                 | 84.6235             | 16,184.41                |
|      | July      | 1.6488                                    | 6.1219                | 1.5898                 | 8.2637                          | 9.1825                  | 160.00                 | 88.6355             | 17,364.00                |
|      | Aug.      | 1.6214                                    | 6.4739                | 1.5601                 | 8.1711                          | 9.2536                  | 164.30                 | 87.4685             | 17,404.40                |
|      | Sep.      | 1.6438                                    | 6.6308                | 1.5676                 | 7.9720                          | 9.0742                  | 162.20                 | 86.2990             | 17,497.84                |
|      | Oct.      | 1.6563                                    | 6.7607                | 1.5556                 | 7.8158                          | 9.0706                  | 164.40                 | 87.1115             | 17,108.33                |
|      | Nov.      | 1.6246                                    | 6.3519                | 1.5516                 | 7.8798                          | 9.2862                  | 159.06                 | 88.7322             | 16,966.44                |
|      | 2020 Nov. | 18                                        | 1.6226                | 6.2974                 | 1.5514                          | 7.7820                  | 9.2005                 | 161.50              | 88.0110                  |
|      | 19        | 1.6272                                    | 6.3371                | 1.5501                 | 7.7927                          | 9.1737                  | 161.30                 | 87.7970             | 16,820.13                |
|      | 20        | 1.6227                                    | 6.3347                | 1.5484                 | 7.7916                          | 9.1972                  | 161.30                 | 87.9410             | 16,840.24                |
|      | 23        | 1.6233                                    | 6.3795                | 1.5530                 | 7.8178                          | 9.2257                  | 161.10                 | 88.1040             | 16,844.67                |
|      | 24        | 1.6175                                    | 6.3943                | 1.5504                 | 7.8152                          | 9.1970                  | 160.90                 | 87.9045             | 16,895.40                |
|      | 25        | 1.6190                                    | 6.3650                | 1.5478                 | 7.8189                          | 9.2161                  | 160.90                 | 87.8540             | 16,812.46                |
|      | 26        | 1.6163                                    | 6.3494                | 1.5472                 | 7.8254                          | 9.2235                  | 161.30                 | 87.8655             | 16,843.08                |
|      | 27        | 1.6182                                    | 6.4021                | 1.5497                 | 7.8422                          | 9.2404                  | 159.00                 | 88.3015             | 16,868.74                |
|      | 30        | 1.6246                                    | 6.3519                | 1.5516                 | 7.8798                          | 9.2862                  | 159.06                 | 88.7322             | 16,966.44                |
| Dec. | 1         | 1.6274                                    | 6.3573                | 1.5522                 | 7.8639                          | 9.2774                  | 158.20                 | 88.1535             | 16,981.99                |
|      | 2         | 1.6384                                    | 6.2962                | 1.5619                 | 7.9203                          | 9.3535                  | 155.40                 | 88.9695             | 17,145.18                |
|      | 3         | 1.6361                                    | 6.3037                | 1.5692                 | 7.9567                          | 9.4188                  | 153.00                 | 89.7090             | 17,181.51                |
|      | 4         | 1.6387                                    | 6.2759                | 1.5633                 | 7.9421                          | 9.4240                  | 152.10                 | 89.6755             | 17,222.37                |
|      | 7         | 1.6374                                    | 6.2124                | 1.5537                 | 7.9310                          | 9.3999                  | 152.70                 | 89.6285             | 17,214.85                |
|      | 8         | 1.6334                                    | 6.1906                | 1.5508                 | 7.9115                          | 9.3895                  | 152.90                 | 89.2030             | 17,134.16                |
|      | 9         | 1.6185                                    | 6.1993                | 1.5472                 | 7.9167                          | 9.3866                  | 153.50                 | 89.2120             | 17,078.00                |
|      | 10        | 1.6161                                    | 6.1606                | 1.5456                 | 7.9254                          | 9.3908                  | 154.30                 | 89.2515             | 17,088.21                |
|      | 11        | 1.6090                                    | 6.1448                | 1.5487                 | 7.9386                          | 9.3999                  | 154.80                 | 89.4705             | 17,074.82                |

\* 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<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>Philippines peso<br>PHP |
| 2019 Oct.                                          | 3.9342                      | 120.73                       | 1,302.87                                      | 4.6607                               | 21.3265                       | 1.7359                                   | 10.2520                          | 56.704                                 |
| Nov.                                               | 3.8136                      | 120.43                       | 1,295.81                                      | 4.5882                               | 21.4483                       | 1.7090                                   | 10.1045                          | 55.838                                 |
| Dec.                                               | 3.8845                      | 121.94                       | 1,296.28                                      | 4.5953                               | 21.2202                       | 1.6653                                   | 9.8638                           | 56.900                                 |
| 2020 Jan.                                          | 3.8090                      | 120.35                       | 1,321.60                                      | 4.5297                               | 20.8044                       | 1.7083                                   | 10.1893                          | 56.382                                 |
| Feb.                                               | 3.8052                      | 119.36                       | 1,324.98                                      | 4.6263                               | 21.6370                       | 1.7608                                   | 10.3888                          | 56.027                                 |
| Mar.                                               | 3.9018                      | 118.90                       | 1,341.03                                      | 4.7330                               | 26.1772                       | 1.8417                                   | 11.5100                          | 55.865                                 |
| Apr.                                               | 3.8069                      | 115.87                       | 1,313.09                                      | 4.6767                               | 25.7953                       | 1.7705                                   | 11.1840                          | 54.772                                 |
| May                                                | 3.9065                      | 119.29                       | 1,376.21                                      | 4.8414                               | 24.5700                       | 1.7863                                   | 10.7880                          | 56.231                                 |
| June                                               | 3.8821                      | 120.66                       | 1,345.83                                      | 4.7989                               | 25.9470                       | 1.7480                                   | 10.9120                          | 55.834                                 |
| July                                               | 4.0312                      | 124.31                       | 1,409.56                                      | 5.0230                               | 26.2780                       | 1.7771                                   | 10.7323                          | 58.124                                 |
| Aug.                                               | 4.0131                      | 126.47                       | 1,415.76                                      | 4.9736                               | 26.0590                       | 1.7728                                   | 10.4550                          | 57.837                                 |
| Sep.                                               | 4.0277                      | 123.76                       | 1,368.51                                      | 4.8653                               | 26.1848                       | 1.7799                                   | 11.1008                          | 56.774                                 |
| Oct.                                               | 3.9881                      | 122.36                       | 1,324.20                                      | 4.8588                               | 24.8416                       | 1.7565                                   | 11.0940                          | 56.635                                 |
| Nov.                                               | 3.9644                      | 124.79                       | 1,326.08                                      | 4.8807                               | 24.0499                       | 1.7027                                   | 10.5610                          | 57.690                                 |
| 2020 Nov. 18                                       | 3.9742                      | 123.28                       | 1,310.55                                      | 4.8510                               | 24.0105                       | 1.7145                                   | 10.7115                          | 57.267                                 |
| 19                                                 | 3.9595                      | 123.08                       | 1,321.07                                      | 4.8517                               | 24.0426                       | 1.7155                                   | 10.6900                          | 57.147                                 |
| 20                                                 | 3.9608                      | 123.18                       | 1,323.26                                      | 4.8549                               | 23.8656                       | 1.7086                                   | 10.6613                          | 57.206                                 |
| 23                                                 | 3.9747                      | 123.47                       | 1,323.33                                      | 4.8681                               | 23.7978                       | 1.7082                                   | 10.6903                          | 57.339                                 |
| 24                                                 | 3.9610                      | 124.06                       | 1,318.77                                      | 4.8498                               | 23.8129                       | 1.7011                                   | 10.6768                          | 57.233                                 |
| 25                                                 | 3.9528                      | 124.19                       | 1,315.62                                      | 4.8600                               | 23.8614                       | 1.7036                                   | 10.5488                          | 57.227                                 |
| 26                                                 | 3.9538                      | 124.04                       | 1,318.24                                      | 4.8403                               | 23.8479                       | 1.7000                                   | 10.5705                          | 57.257                                 |
| 27                                                 | 3.9557                      | 124.23                       | 1,318.04                                      | 4.8517                               | 23.9402                       | 1.7000                                   | 10.5630                          | 57.375                                 |
| 30                                                 | 3.9644                      | 124.79                       | 1,326.08                                      | 4.8807                               | 24.0499                       | 1.7027                                   | 10.5610                          | 57.690                                 |
| Dec. 1                                             | 3.9541                      | 124.92                       | 1,326.72                                      | 4.8835                               | 24.0465                       | 1.7010                                   | 10.6028                          | 57.598                                 |
| 2                                                  | 3.9705                      | 126.13                       | 1,330.20                                      | 4.9199                               | 24.2499                       | 1.7137                                   | 10.7003                          | 57.984                                 |
| 3                                                  | 3.9740                      | 126.49                       | 1,325.91                                      | 4.9453                               | 24.1384                       | 1.7175                                   | 10.7070                          | 58.299                                 |
| 4                                                  | 3.9720                      | 126.44                       | 1,320.60                                      | 4.9366                               | 24.1091                       | 1.7254                                   | 10.6598                          | 58.430                                 |
| 7                                                  | 3.9562                      | 126.30                       | 1,316.88                                      | 4.9385                               | 24.0901                       | 1.7252                                   | 10.6328                          | 58.421                                 |
| 8                                                  | 3.9414                      | 126.18                       | 1,314.53                                      | 4.9328                               | 24.0683                       | 1.7220                                   | 10.6283                          | 58.359                                 |
| 9                                                  | 3.9406                      | 126.05                       | 1,314.27                                      | 4.9196                               | 23.9187                       | 1.7103                                   | 10.5763                          | 58.298                                 |
| 10                                                 | 3.9367                      | 126.53                       | 1,318.52                                      | 4.9199                               | 24.0863                       | 1.7184                                   | 10.7000                          | 58.302                                 |
| 11                                                 | 3.9469                      | 126.28                       | 1,325.32                                      | 4.9133                               | 24.4157                       | 1.7100                                   | 10.6968                          | 58.339                                 |

| 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 1<br>Pound sterling<br>GBP | United States<br>US dollar<br>USD |
| 2019 Oct.                                          | 71.3639                                     | 1.5174                               | 16.9120                                   | 1.1007                            | 33.668                       | 6.3717                        | 0.86133                                   | 1.1154                            |
| Nov.                                               | 70.5544                                     | 1.5017                               | 16.1197                                   | 1.0998                            | 33.204                       | 6.3198                        | 0.85225                                   | 1.0982                            |
| Dec.                                               | 69.9563                                     | 1.5111                               | 15.7773                                   | 1.0854                            | 33.415                       | 6.6843                        | 0.85080                                   | 1.1234                            |
| 2020 Jan.                                          | 70.3375                                     | 1.5092                               | 16.4900                                   | 1.0694                            | 34.460                       | 6.6117                        | 0.84175                                   | 1.1052                            |
| Feb.                                               | 73.6096                                     | 1.5317                               | 17.0961                                   | 1.0614                            | 34.632                       | 6.8348                        | 0.85315                                   | 1.0977                            |
| Mar.                                               | 85.9486                                     | 1.5633                               | 19.6095                                   | 1.0585                            | 35.925                       | 7.2063                        | 0.88643                                   | 1.0956                            |
| Apr.                                               | 79.8920                                     | 1.5324                               | 19.6572                                   | 1.0558                            | 35.216                       | 7.5979                        | 0.86905                                   | 1.0876                            |
| May                                                | 78.4416                                     | 1.5712                               | 19.4239                                   | 1.0720                            | 35.424                       | 7.6101                        | 0.90088                                   | 1.1136                            |
| June                                               | 79.6300                                     | 1.5648                               | 19.4425                                   | 1.0651                            | 34.624                       | 7.6761                        | 0.91243                                   | 1.1198                            |
| July                                               | 87.6900                                     | 1.6245                               | 20.0960                                   | 1.0769                            | 36.948                       | 8.2595                        | 0.90053                                   | 1.1848                            |
| Aug.                                               | 88.2993                                     | 1.6235                               | 19.9589                                   | 1.0774                            | 37.098                       | 8.7770                        | 0.89605                                   | 1.1940                            |
| Sep.                                               | 91.7763                                     | 1.6035                               | 19.7092                                   | 1.0804                            | 37.079                       | 9.0990                        | 0.91235                                   | 1.1708                            |
| Oct.                                               | 92.4606                                     | 1.5952                               | 19.0359                                   | 1.0698                            | 36.439                       | 9.7940                        | 0.90208                                   | 1.1698                            |
| Nov.                                               | 91.1439                                     | 1.6029                               | 18.4251                                   | 1.0839                            | 36.257                       | 9.3155                        | 0.89845                                   | 1.1980                            |
| 2020 Nov. 18                                       | 90.0610                                     | 1.5917                               | 18.2814                                   | 1.0812                            | 35.984                       | 9.1560                        | 0.89373                                   | 1.1868                            |
| 19                                                 | 90.2638                                     | 1.5924                               | 18.3153                                   | 1.0797                            | 35.975                       | 8.9373                        | 0.89378                                   | 1.1832                            |
| 20                                                 | 90.2622                                     | 1.5934                               | 18.2192                                   | 1.0811                            | 35.922                       | 9.0470                        | 0.89393                                   | 1.1863                            |
| 23                                                 | 90.3507                                     | 1.5955                               | 18.2466                                   | 1.0806                            | 36.048                       | 9.2636                        | 0.88888                                   | 1.1901                            |
| 24                                                 | 90.1119                                     | 1.5941                               | 18.2206                                   | 1.0833                            | 36.070                       | 9.4452                        | 0.89012                                   | 1.1865                            |
| 25                                                 | 90.0123                                     | 1.5965                               | 18.1480                                   | 1.0835                            | 36.080                       | 9.4850                        | 0.89129                                   | 1.1890                            |
| 26                                                 | 90.1153                                     | 1.5930                               | 18.1098                                   | 1.0813                            | 36.057                       | 9.3878                        | 0.89129                                   | 1.1900                            |
| 27                                                 | 90.9894                                     | 1.5955                               | 18.2657                                   | 1.0826                            | 36.148                       | 9.3286                        | 0.89442                                   | 1.1922                            |
| 30                                                 | 91.1439                                     | 1.6029                               | 18.4251                                   | 1.0839                            | 36.257                       | 9.3155                        | 0.89845                                   | 1.1980                            |
| Dec. 1                                             | 90.7837                                     | 1.6048                               | 18.3311                                   | 1.0836                            | 36.215                       | 9.4122                        | 0.89798                                   | 1.1968                            |
| 2                                                  | 91.3194                                     | 1.6176                               | 18.5579                                   | 1.0819                            | 36.500                       | 9.4570                        | 0.90490                                   | 1.2066                            |
| 3                                                  | 90.8441                                     | 1.6228                               | 18.5475                                   | 1.0831                            | 36.660                       | 9.5021                        | 0.90358                                   | 1.2151                            |
| 4                                                  | 90.0679                                     | 1.6206                               | 18.4674                                   | 1.0822                            | 36.672                       | 9.4636                        | 0.90282                                   | 1.2159                            |
| 7                                                  | 89.7900                                     | 1.6212                               | 18.4244                                   | 1.0802                            | 36.669                       | 9.5053                        | 0.91215                                   | 1.2128                            |
| 8                                                  | 88.7640                                     | 1.6209                               | 18.2159                                   | 1.0781                            | 36.415                       | 9.4870                        | 0.91143                                   | 1.2114                            |
| 9                                                  | 89.1670                                     | 1.6174                               | 18.0756                                   | 1.0764                            | 36.388                       | 9.4762                        | 0.90000                                   | 1.2109                            |
| 10                                                 | 88.8661                                     | 1.6202                               | 18.1755                                   | 1.0757                            | 36.418                       | 9.5260                        | 0.91100                                   | 1.2115                            |
| 11                                                 | 88.7373                                     | 1.6213                               | 18.3435                                   | 1.0786                            | 36.496                       | 9.5678                        | 0.92294                                   | 1.2127                            |

\* See Explanatory notes, p. 48. 1 The United Kingdom ceased to be a member of the European Union on 31 January 2020.

## 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 |
| 2018                | 1.9558               | 7.4182      | 25.647              | 7.4532              | 318.89                  | 4.2615              | 4.6540              | 10.2583              |
| 2019                | 1.9558               | 7.4180      | 25.670              | 7.4661              | 325.30                  | 4.2976              | 4.7453              | 10.5891              |
| 2018 Oct.           | 1.9558               | 7.4245      | 25.819              | 7.4597              | 323.84                  | 4.3046              | 4.6658              | 10.3839              |
| Nov.                | 1.9558               | 7.4281      | 25.935              | 7.4611              | 322.33                  | 4.3018              | 4.6610              | 10.2918              |
| Dec.                | 1.9558               | 7.4041      | 25.835              | 7.4653              | 322.74                  | 4.2900              | 4.6536              | 10.2766              |
| 2019 Jan.           | 1.9558               | 7.4286      | 25.650              | 7.4657              | 319.80                  | 4.2916              | 4.7062              | 10.2685              |
| Feb.                | 1.9558               | 7.4151      | 25.726              | 7.4627              | 317.91                  | 4.3175              | 4.7486              | 10.4986              |
| Mar.                | 1.9558               | 7.4206      | 25.676              | 7.4625              | 315.92                  | 4.2969              | 4.7546              | 10.4999              |
| Apr.                | 1.9558               | 7.4282      | 25.677              | 7.4650              | 321.18                  | 4.2864              | 4.7584              | 10.4819              |
| May                 | 1.9558               | 7.4189      | 25.768              | 7.4675              | 324.98                  | 4.2958              | 4.7594              | 10.7372              |
| June                | 1.9558               | 7.4079      | 25.605              | 7.4669              | 322.56                  | 4.2635              | 4.7250              | 10.6263              |
| July                | 1.9558               | 7.3903      | 25.548              | 7.4656              | 325.27                  | 4.2596              | 4.7286              | 10.5604              |
| Aug.                | 1.9558               | 7.3897      | 25.802              | 7.4602              | 326.91                  | 4.3466              | 4.7280              | 10.7356              |
| Sep.                | 1.9558               | 7.4012      | 25.868              | 7.4634              | 332.45                  | 4.3531              | 4.7381              | 10.6968              |
| Oct.                | 1.9558               | 7.4363      | 25.689              | 7.4693              | 331.46                  | 4.3013              | 4.7538              | 10.8023              |
| Nov.                | 1.9558               | 7.4400      | 25.531              | 7.4720              | 333.62                  | 4.2855              | 4.7698              | 10.6497              |
| 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              |

| 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 | Chinese yuan<br>renminbi<br>CNY | Hong Kong dollar<br>HKD | Icelandic krona<br>ISK | Indian rupee<br>INR | Indonesian rupiah<br>IDR |
| 2018                                      | 1.5797                   | 4.3085                | 1.5294                 | 7.8081                          | 9.2559                  | 127.89                 | 80.7332             | 16,803.22                |
| 2019                                      | 1.6109                   | 4.4134                | 1.4855                 | 7.7355                          | 8.7715                  | 137.28                 | 78.8361             | 15,835.27                |
| 2018 Oct.                                 | 1.6158                   | 4.3246                | 1.4935                 | 7.9481                          | 9.0011                  | 134.47                 | 84.5447             | 17,428.73                |
| Nov.                                      | 1.5681                   | 4.2973                | 1.4998                 | 7.8880                          | 8.9000                  | 139.78                 | 81.5611             | 16,651.71                |
| Dec.                                      | 1.5849                   | 4.4214                | 1.5278                 | 7.8398                          | 8.9026                  | 137.78                 | 80.6166             | 16,512.15                |
| 2019 Jan.                                 | 1.5975                   | 4.2700                | 1.5196                 | 7.7504                          | 8.9527                  | 136.66                 | 80.7983             | 16,164.77                |
| Feb.                                      | 1.5895                   | 4.2234                | 1.4995                 | 7.6485                          | 8.9082                  | 136.10                 | 80.8601             | 15,936.22                |
| Mar.                                      | 1.5959                   | 4.3369                | 1.5104                 | 7.5868                          | 8.8718                  | 135.48                 | 78.5605             | 16,059.50                |
| Apr.                                      | 1.5802                   | 4.3740                | 1.5035                 | 7.5489                          | 8.8164                  | 135.34                 | 78.0027             | 15,899.18                |
| May                                       | 1.6116                   | 4.4797                | 1.5058                 | 7.6736                          | 8.7779                  | 137.64                 | 78.0798             | 16,095.47                |
| June                                      | 1.6264                   | 4.3600                | 1.5011                 | 7.7937                          | 8.8383                  | 140.82                 | 78.4078             | 16,060.27                |
| July                                      | 1.6061                   | 4.2416                | 1.4693                 | 7.7151                          | 8.7638                  | 139.87                 | 77.1279             | 15,745.50                |
| Aug.                                      | 1.6431                   | 4.4649                | 1.4768                 | 7.8581                          | 8.7243                  | 137.66                 | 79.1902             | 15,838.62                |
| Sep.                                      | 1.6162                   | 4.5307                | 1.4578                 | 7.8323                          | 8.6224                  | 137.57                 | 78.5678             | 15,511.84                |
| Oct.                                      | 1.6271                   | 4.5212                | 1.4581                 | 7.8447                          | 8.6678                  | 137.73                 | 78.5177             | 15,604.45                |
| Nov.                                      | 1.6181                   | 4.5900                | 1.4630                 | 7.7571                          | 8.6511                  | 136.52                 | 78.9799             | 15,546.69                |
| 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                |

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

### 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>Philippines peso<br>PHP |
| 2018                                               | 4.2423                      | 130.40                       | 1,299.07                                      | 4.7634                               | 22.7054                       | 1.7065                                   | 9.5975                           | 62.210                                 |
| 2019                                               | 3.9901                      | 122.01                       | 1,305.32                                      | 4.6374                               | 21.5565                       | 1.6998                                   | 9.8511                           | 57.985                                 |
| 2018 Oct.                                          | 4.1996                      | 129.62                       | 1,300.10                                      | 4.7761                               | 21.9950                       | 1.7586                                   | 9.4793                           | 61.950                                 |
| Nov.                                               | 4.2122                      | 128.79                       | 1,280.89                                      | 4.7548                               | 23.0062                       | 1.6779                                   | 9.6272                           | 59.958                                 |
| Dec.                                               | 4.2736                      | 127.88                       | 1,278.13                                      | 4.7459                               | 22.8889                       | 1.6675                                   | 9.8055                           | 60.135                                 |
| 2019 Jan.                                          | 4.2075                      | 124.34                       | 1,281.46                                      | 4.7001                               | 21.8985                       | 1.6850                                   | 9.7631                           | 59.882                                 |
| Feb.                                               | 4.1162                      | 125.28                       | 1,274.32                                      | 4.6272                               | 21.7766                       | 1.6605                                   | 9.7444                           | 59.207                                 |
| Mar.                                               | 4.0885                      | 125.67                       | 1,279.67                                      | 4.6090                               | 21.7363                       | 1.6540                                   | 9.7181                           | 59.358                                 |
| Apr.                                               | 4.0413                      | 125.44                       | 1,284.41                                      | 4.6237                               | 21.3367                       | 1.6720                                   | 9.6233                           | 58.470                                 |
| May                                                | 4.0184                      | 122.95                       | 1,325.20                                      | 4.6665                               | 21.3926                       | 1.7057                                   | 9.7794                           | 58.483                                 |
| June                                               | 4.0624                      | 122.08                       | 1,325.28                                      | 4.6968                               | 21.7827                       | 1.7119                                   | 9.7465                           | 58.425                                 |
| July                                               | 3.9758                      | 121.41                       | 1,320.29                                      | 4.6258                               | 21.3614                       | 1.6790                                   | 9.6587                           | 57.338                                 |
| Aug.                                               | 3.9046                      | 118.18                       | 1,347.10                                      | 4.6599                               | 21.8925                       | 1.7303                                   | 9.9742                           | 58.075                                 |
| Sep.                                               | 3.8769                      | 118.24                       | 1,315.02                                      | 4.6056                               | 21.5374                       | 1.7345                                   | 9.9203                           | 57.306                                 |
| Oct.                                               | 3.8882                      | 119.51                       | 1,308.65                                      | 4.6283                               | 21.3687                       | 1.7455                                   | 10.1165                          | 56.860                                 |
| Nov.                                               | 3.8472                      | 120.34                       | 1,291.19                                      | 4.5937                               | 21.3399                       | 1.7266                                   | 10.1087                          | 56.062                                 |
| 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                                 |

| 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 <sup>1</sup><br>Pound sterling<br>GBP | United States<br>US dollar<br>USD |
| 2018                                               | 74.0416                                     | 1.5926                               | 15.6186                                   | 1.1550                            | 38.164                       | 5.7077                        | 0.88471                                              | 1.1810                            |
| 2019                                               | 72.4553                                     | 1.5273                               | 16.1757                                   | 1.1124                            | 34.757                       | 6.3578                        | 0.87777                                              | 1.1195                            |
| 2018 Oct.                                          | 75.6102                                     | 1.5843                               | 16.6548                                   | 1.1413                            | 37.652                       | 6.6919                        | 0.88272                                              | 1.1484                            |
| Nov.                                               | 75.5508                                     | 1.5629                               | 16.0114                                   | 1.1377                            | 37.470                       | 6.0896                        | 0.88118                                              | 1.1367                            |
| Dec.                                               | 76.6804                                     | 1.5595                               | 16.1870                                   | 1.1293                            | 37.238                       | 6.0630                        | 0.89774                                              | 1.1384                            |
| 2019 Jan.                                          | 76.3055                                     | 1.5486                               | 15.8170                                   | 1.1297                            | 36.318                       | 6.1365                        | 0.88603                                              | 1.1416                            |
| Feb.                                               | 74.7184                                     | 1.5365                               | 15.6879                                   | 1.1368                            | 35.532                       | 5.9888                        | 0.87264                                              | 1.1351                            |
| Mar.                                               | 73.6288                                     | 1.5306                               | 16.2507                                   | 1.1311                            | 35.869                       | 6.1983                        | 0.85822                                              | 1.1302                            |
| Apr.                                               | 72.6571                                     | 1.5239                               | 15.8959                                   | 1.1319                            | 35.800                       | 6.4707                        | 0.86179                                              | 1.1238                            |
| May                                                | 72.6164                                     | 1.5340                               | 16.1371                                   | 1.1304                            | 35.570                       | 6.7694                        | 0.87176                                              | 1.1185                            |
| June                                               | 72.4028                                     | 1.5390                               | 16.4749                                   | 1.1167                            | 35.139                       | 6.5619                        | 0.89107                                              | 1.1293                            |
| July                                               | 70.9068                                     | 1.5268                               | 15.7412                                   | 1.1076                            | 34.550                       | 6.3528                        | 0.89942                                              | 1.1218                            |
| Aug.                                               | 73.2161                                     | 1.5408                               | 16.8632                                   | 1.0892                            | 34.218                       | 6.2869                        | 0.91554                                              | 1.1126                            |
| Sep.                                               | 71.4106                                     | 1.5183                               | 16.3207                                   | 1.0903                            | 33.639                       | 6.2765                        | 0.89092                                              | 1.1004                            |
| Oct.                                               | 71.0858                                     | 1.5150                               | 16.4939                                   | 1.0981                            | 33.558                       | 6.4023                        | 0.87539                                              | 1.1053                            |
| Nov.                                               | 70.5770                                     | 1.5047                               | 16.3444                                   | 1.0978                            | 33.422                       | 6.3420                        | 0.85761                                              | 1.1051                            |
| 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                            |

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 3. End-of-year rates and annual averages

EUR 1 = CU ...

| EU member countries      |             |                                  |                     |                     |                                       |                            |                                  |                                         |        |
|--------------------------|-------------|----------------------------------|---------------------|---------------------|---------------------------------------|----------------------------|----------------------------------|-----------------------------------------|--------|
| Bulgaria                 | Croatia     | Cyprus                           | Czechia             | Denmark             | Estonia                               | Hungary                    | Latvia                           | Lithuania                               |        |
| Bulgarian lev<br>BGN     | Kuna<br>HRK | Cyprus pound<br>CYP <sup>1</sup> | Czech koruna<br>CZK | Danish krone<br>DKK | Estonian<br>kroon<br>EEK <sup>1</sup> | Hungarian<br>forint<br>HUF | Latvian lats<br>LVL <sup>1</sup> | Lithuanian<br>litas<br>LTL <sup>1</sup> |        |
| <b>End of year</b>       |             |                                  |                     |                     |                                       |                            |                                  |                                         |        |
| 2006                     | 1.9558      | 7.3504                           | 0.57820             | 27.485              | 7.4560                                | 15.6466                    | 251.77                           | 0.6972                                  | 3.4528 |
| 2007                     | 1.9558      | 7.3308                           | 0.585274            | 26.628              | 7.4583                                | 15.6466                    | 253.73                           | 0.6964                                  | 3.4528 |
| 2008                     | 1.9558      | 7.3555                           | –                   | 26.875              | 7.4506                                | 15.6466                    | 266.70                           | 0.7083                                  | 3.4528 |
| 2009                     | 1.9558      | 7.3000                           | –                   | 26.473              | 7.4418                                | 15.6466                    | 270.42                           | 0.7093                                  | 3.4528 |
| 2010                     | 1.9558      | 7.3830                           | –                   | 25.061              | 7.4535                                | 15.6466                    | 277.95                           | 0.7094                                  | 3.4528 |
| 2011                     | 1.9558      | 7.5370                           | –                   | 25.787              | 7.4342                                | –                          | 314.58                           | 0.6995                                  | 3.4528 |
| 2012                     | 1.9558      | 7.5575                           | –                   | 25.151              | 7.4610                                | –                          | 292.30                           | 0.6977                                  | 3.4528 |
| 2013                     | 1.9558      | 7.6265                           | –                   | 27.427              | 7.4593                                | –                          | 297.04                           | 0.702804                                | 3.4528 |
| 2014                     | 1.9558      | 7.6580                           | –                   | 27.735              | 7.4453                                | –                          | 315.54                           | –                                       | 3.4528 |
| 2015                     | 1.9558      | 7.6380                           | –                   | 27.023              | 7.4626                                | –                          | 315.98                           | –                                       | –      |
| 2016                     | 1.9558      | 7.5597                           | –                   | 27.021              | 7.4344                                | –                          | 309.83                           | –                                       | –      |
| 2017                     | 1.9558      | 7.4400                           | –                   | 25.535              | 7.4449                                | –                          | 310.33                           | –                                       | –      |
| 2018                     | 1.9558      | 7.4125                           | –                   | 25.724              | 7.4673                                | –                          | 320.98                           | –                                       | –      |
| 2019                     | 1.9558      | 7.4395                           | –                   | 25.408              | 7.4715                                | –                          | 330.53                           | –                                       | –      |
| <b>Annual averages +</b> |             |                                  |                     |                     |                                       |                            |                                  |                                         |        |
| 2006                     | 1.9558      | 7.3247                           | 0.57578             | 28.342              | 7.4591                                | 15.6466                    | 264.26                           | 0.6962                                  | 3.4528 |
| 2007                     | 1.9558      | 7.3376                           | 0.58263             | 27.766              | 7.4506                                | 15.6466                    | 251.35                           | 0.7001                                  | 3.4528 |
| 2008                     | 1.9558      | 7.2239                           | –                   | 24.946              | 7.4560                                | 15.6466                    | 251.51                           | 0.7027                                  | 3.4528 |
| 2009                     | 1.9558      | 7.3400                           | –                   | 26.435              | 7.4462                                | 15.6466                    | 280.33                           | 0.7057                                  | 3.4528 |
| 2010                     | 1.9558      | 7.2891                           | –                   | 25.284              | 7.4473                                | 15.6466                    | 275.48                           | 0.7087                                  | 3.4528 |
| 2011                     | 1.9558      | 7.4390                           | –                   | 24.590              | 7.4506                                | –                          | 279.37                           | 0.7063                                  | 3.4528 |
| 2012                     | 1.9558      | 7.5217                           | –                   | 25.149              | 7.4437                                | –                          | 289.25                           | 0.6973                                  | 3.4528 |
| 2013                     | 1.9558      | 7.5786                           | –                   | 25.980              | 7.4579                                | –                          | 296.87                           | 0.7015                                  | 3.4528 |
| 2014                     | 1.9558      | 7.6344                           | –                   | 27.536              | 7.4548                                | –                          | 308.71                           | –                                       | 3.4528 |
| 2015                     | 1.9558      | 7.6137                           | –                   | 27.279              | 7.4587                                | –                          | 310.00                           | –                                       | –      |
| 2016                     | 1.9558      | 7.5333                           | –                   | 27.034              | 7.4452                                | –                          | 311.44                           | –                                       | –      |
| 2017                     | 1.9558      | 7.4637                           | –                   | 26.326              | 7.4386                                | –                          | 309.19                           | –                                       | –      |
| 2018                     | 1.9558      | 7.4182                           | –                   | 25.647              | 7.4532                                | –                          | 318.89                           | –                                       | –      |
| 2019                     | 1.9558      | 7.4180                           | –                   | 25.670              | 7.4661                                | –                          | 325.30                           | –                                       | –      |

| EU member countries (cont'd)     |                     |                        |                                      |                                        |                      | Other European and non-European countries |                                    |                           |                                 |         |
|----------------------------------|---------------------|------------------------|--------------------------------------|----------------------------------------|----------------------|-------------------------------------------|------------------------------------|---------------------------|---------------------------------|---------|
| Malta                            | Poland              | Romania                | Slovakia                             | Slovenia                               | Sweden               | Australia                                 | Brazil                             | Canada                    | China                           |         |
| Maltese lira<br>MTL <sup>1</sup> | Polish zloty<br>PLN | Romanian<br>leu<br>RON | Slovak<br>koruna<br>SKK <sup>1</sup> | Slovenian<br>tolar<br>SIT <sup>1</sup> | Swedish krona<br>SEK | Australian<br>dollar<br>AUD               | Brazilian real<br>BRL <sup>2</sup> | Canadian<br>dollar<br>CAD | Chinese<br>yuan renminbi<br>CNY |         |
| End of year                      |                     |                        |                                      |                                        |                      |                                           |                                    |                           |                                 |         |
| 2006                             | 0.4293              | 3.8310                 | 3.3835                               | 34.435                                 | 239.6400             | 9.0404                                    | 1.6691                             | 2.8141                    | 1.5281                          | 10.2793 |
| 2007                             | 0.4293              | 3.5935                 | 3.6077                               | 33.583                                 | —                    | 9.4415                                    | 1.6757                             | 2.5914                    | 1.4449                          | 10.7524 |
| 2008                             | —                   | 4.1535                 | 4.0225                               | 30.126                                 | —                    | 10.8700                                   | 2.0274                             | 3.2436                    | 1.6998                          | 9.4956  |
| 2009                             | —                   | 4.1045                 | 4.2363                               | —                                      | —                    | 10.2520                                   | 1.6008                             | 2.5113                    | 1.5128                          | 9.8350  |
| 2010                             | —                   | 3.9750                 | 4.2620                               | —                                      | —                    | 8.9655                                    | 1.3136                             | 2.2177                    | 1.3322                          | 8.8220  |
| 2011                             | —                   | 4.4580                 | 4.3233                               | —                                      | —                    | 8.9120                                    | 1.2723                             | 2.4159                    | 1.3215                          | 8.1588  |
| 2012                             | —                   | 4.0740                 | 4.4445                               | —                                      | —                    | 8.5820                                    | 1.2712                             | 2.7036                    | 1.3137                          | 8.2207  |
| 2013                             | —                   | 4.1543                 | 4.4710                               | —                                      | —                    | 8.8591                                    | 1.5423                             | 3.2576                    | 1.4671                          | 8.3491  |
| 2014                             | —                   | 4.2732                 | 4.4828                               | —                                      | —                    | 9.3930                                    | 1.4829                             | 3.2207                    | 1.4063                          | 7.5358  |
| 2015                             | —                   | 4.2639                 | 4.5240                               | —                                      | —                    | 9.1895                                    | 1.4897                             | 4.3117                    | 1.5116                          | 7.0608  |
| 2016                             | —                   | 4.4103                 | 4.5390                               | —                                      | —                    | 9.5525                                    | 1.4596                             | 3.4305                    | 1.4188                          | 7.3202  |
| 2017                             | —                   | 4.1770                 | 4.6585                               | —                                      | —                    | 9.8438                                    | 1.5346                             | 3.9729                    | 1.5039                          | 7.8044  |
| 2018                             | —                   | 4.3014                 | 4.6635                               | —                                      | —                    | 10.2548                                   | 1.6220                             | 4.4440                    | 1.5605                          | 7.8751  |
| 2019                             | —                   | 4.2568                 | 4.7830                               | —                                      | —                    | 10.4468                                   | 1.5995                             | 4.5157                    | 1.4598                          | 7.8205  |
| Annual averages +                |                     |                        |                                      |                                        |                      |                                           |                                    |                           |                                 |         |
| 2006                             | 0.4293              | 3.8959                 | 3.5258                               | 37.234                                 | 239.5961             | 9.2544                                    | 1.6668                             | 2.7333                    | 1.4237                          | 10.0096 |
| 2007                             | 0.4293              | 3.7837                 | 3.3353                               | 33.775                                 | —                    | 9.2501                                    | 1.6348                             | 2.6633                    | 1.4678                          | 10.4178 |
| 2008                             | —                   | 3.5121                 | 3.6826                               | 31.262                                 | —                    | 9.6152                                    | 1.7416                             | 2.6737                    | 1.5594                          | 10.2236 |
| 2009                             | —                   | 4.3276                 | 4.2399                               | —                                      | —                    | 10.6191                                   | 1.7727                             | 2.7674                    | 1.5850                          | 9.5277  |
| 2010                             | —                   | 3.9947                 | 4.2122                               | —                                      | —                    | 9.5373                                    | 1.4423                             | 2.3314                    | 1.3651                          | 8.9712  |
| 2011                             | —                   | 4.1206                 | 4.2391                               | —                                      | —                    | 9.0298                                    | 1.3484                             | 2.3265                    | 1.3761                          | 8.9960  |
| 2012                             | —                   | 4.1847                 | 4.4593                               | —                                      | —                    | 8.7041                                    | 1.2407                             | 2.5084                    | 1.2842                          | 8.1052  |
| 2013                             | —                   | 4.1975                 | 4.4190                               | —                                      | —                    | 8.6515                                    | 1.3777                             | 2.8687                    | 1.3684                          | 8.1646  |
| 2014                             | —                   | 4.1843                 | 4.4437                               | —                                      | —                    | 9.0985                                    | 1.4719                             | 3.1211                    | 1.4661                          | 8.1857  |
| 2015                             | —                   | 4.1841                 | 4.4454                               | —                                      | —                    | 9.3535                                    | 1.4777                             | 3.7004                    | 1.4186                          | 6.9733  |
| 2016                             | —                   | 4.3632                 | 4.4904                               | —                                      | —                    | 9.4689                                    | 1.4883                             | 3.8561                    | 1.4659                          | 7.3522  |
| 2017                             | —                   | 4.2570                 | 4.5688                               | —                                      | —                    | 9.6351                                    | 1.4732                             | 3.6054                    | 1.4647                          | 7.6290  |
| 2018                             | —                   | 4.2615                 | 4.6540                               | —                                      | —                    | 10.2583                                   | 1.5797                             | 4.3085                    | 1.5294                          | 7.8081  |
| 2019                             | —                   | 4.2976                 | 4.7453                               | —                                      | —                    | 10.5891                                   | 1.6109                             | 4.4134                    | 1.4855                          | 7.7355  |

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> Accession to the euro area, see p. 7 (Table I. 1.). <sup>2</sup> Up to December 2007, ECB indicative rates.

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

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

EUR 1 = CU ...

| Other European and non-European countries (cont'd) |                                         |                                                   |                                           |                                          |                                          |                              |                                                     |                                         |                                               |                                             |
|----------------------------------------------------|-----------------------------------------|---------------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------|------------------------------|-----------------------------------------------------|-----------------------------------------|-----------------------------------------------|---------------------------------------------|
| Period                                             | Hong Kong<br>Hong Kong<br>dollar<br>HKD | Iceland<br>Icelandic<br>krona<br>ISK <sup>1</sup> | India<br>Indian rupee<br>INR <sup>2</sup> | Indonesia<br>Indonesian<br>rupiah<br>IDR | Israel<br>New shekel<br>ILS <sup>3</sup> | Japan<br>Japanese yen<br>JPY | Korea,<br>Republic of<br>South<br>Korean won<br>KRW | Malaysia<br>Malaysian<br>ringgit<br>MYR | Mexico<br>Mexican<br>peso<br>MXN <sup>4</sup> | New Zealand<br>New Zealand<br>dollar<br>NZD |
| <b>End of year</b>                                 |                                         |                                                   |                                           |                                          |                                          |                              |                                                     |                                         |                                               |                                             |
| 2006                                               | 10.2409                                 | 93.13                                             | 58.2180                                   | 11,844.44                                | 5.5677                                   | 156.93                       | 1,224.81                                            | 4.6490                                  | 14.2899                                       | 1.8725                                      |
| 2007                                               | 11.4800                                 | 91.90                                             | 57.8620                                   | 13,826.70                                | 5.6539                                   | 164.93                       | 1,377.96                                            | 4.8682                                  | 16.0732                                       | 1.9024                                      |
| 2008                                               | 10.7858                                 | —                                                 | 67.4370                                   | 15,239.12                                | 5.2919                                   | 126.14                       | 1,839.13                                            | 4.8048                                  | 19.2333                                       | 2.4191                                      |
| 2009                                               | 11.1709                                 | —                                                 | 67.0400                                   | 13,626.13                                | 5.4524                                   | 133.16                       | 1,666.97                                            | 4.9326                                  | 18.9223                                       | 1.9803                                      |
| 2010                                               | 10.3856                                 | —                                                 | 59.7580                                   | 12,002.14                                | 4.7321                                   | 108.65                       | 1,499.06                                            | 4.0950                                  | 16.5475                                       | 1.7200                                      |
| 2011                                               | 10.0510                                 | —                                                 | 68.7130                                   | 11,731.47                                | 4.9453                                   | 100.20                       | 1,498.69                                            | 4.1055                                  | 18.0512                                       | 1.6737                                      |
| 2012                                               | 10.2260                                 | —                                                 | 72.5600                                   | 12,713.97                                | 4.9258                                   | 113.61                       | 1,406.23                                            | 4.0347                                  | 17.1845                                       | 1.6045                                      |
| 2013                                               | 10.6933                                 | —                                                 | 85.3660                                   | 16,764.78                                | 4.7880                                   | 144.72                       | 1,450.93                                            | 4.5221                                  | 18.0731                                       | 1.6762                                      |
| 2014                                               | 9.4170                                  | —                                                 | 76.7190                                   | 15,076.10                                | 4.7200                                   | 145.23                       | 1,324.80                                            | 4.2473                                  | 17.8679                                       | 1.5525                                      |
| 2015                                               | 8.4376                                  | —                                                 | 72.0215                                   | 15,039.99                                | 4.2481                                   | 131.07                       | 1,280.78                                            | 4.6959                                  | 18.9145                                       | 1.5923                                      |
| 2016                                               | 8.1751                                  | —                                                 | 71.5935                                   | 14,173.43                                | 4.0477                                   | 123.40                       | 1,269.36                                            | 4.7287                                  | 21.7719                                       | 1.5158                                      |
| 2017                                               | 9.3720                                  | —                                                 | 76.6055                                   | 16,239.12                                | 4.1635                                   | 135.01                       | 1,279.61                                            | 4.8536                                  | 23.6612                                       | 1.6850                                      |
| 2018                                               | 8.9675                                  | 133.20                                            | 79.7298                                   | 16,500.00                                | 4.2972                                   | 125.85                       | 1,277.93                                            | 4.7317                                  | 22.4921                                       | 1.7056                                      |
| 2019                                               | 8.7473                                  | 135.80                                            | 80.1870                                   | 15,595.60                                | 3.8845                                   | 121.94                       | 1,296.28                                            | 4.5953                                  | 21.2202                                       | 1.6653                                      |
| <b>Annual averages +</b>                           |                                         |                                                   |                                           |                                          |                                          |                              |                                                     |                                         |                                               |                                             |
| 2006                                               | 9.7545                                  | 87.76                                             | 56.8435                                   | 11,512.37                                | 5.5920                                   | 146.02                       | 1,198.58                                            | 4.6044                                  | 13.6936                                       | 1.9373                                      |
| 2007                                               | 10.6912                                 | 87.63                                             | 56.4186                                   | 12,528.33                                | 5.6278                                   | 161.25                       | 1,272.99                                            | 4.7076                                  | 14.9743                                       | 1.8627                                      |
| 2008                                               | 11.4541                                 | 143.83                                            | 63.6143                                   | 14,165.16                                | 5.2561                                   | 152.45                       | 1,606.09                                            | 4.8893                                  | 16.2911                                       | 2.0770                                      |
| 2009                                               | 10.8114                                 | —                                                 | 67.3611                                   | 14,443.74                                | 5.4668                                   | 130.34                       | 1,772.90                                            | 4.9079                                  | 18.7989                                       | 2.2121                                      |
| 2010                                               | 10.2994                                 | —                                                 | 60.5878                                   | 12,041.70                                | 4.9457                                   | 116.24                       | 1,531.82                                            | 4.2668                                  | 16.7373                                       | 1.8377                                      |
| 2011                                               | 10.8362                                 | —                                                 | 64.8859                                   | 12,206.51                                | 4.9775                                   | 110.96                       | 1,541.23                                            | 4.2558                                  | 17.2877                                       | 1.7600                                      |
| 2012                                               | 9.9663                                  | —                                                 | 68.5973                                   | 12,045.73                                | 4.9536                                   | 102.49                       | 1,447.69                                            | 3.9672                                  | 16.9029                                       | 1.5867                                      |
| 2013                                               | 10.3016                                 | —                                                 | 77.9300                                   | 13,857.50                                | 4.7948                                   | 129.66                       | 1,453.91                                            | 4.1855                                  | 16.9641                                       | 1.6206                                      |
| 2014                                               | 10.3025                                 | —                                                 | 81.0406                                   | 15,748.92                                | 4.7449                                   | 140.31                       | 1,398.14                                            | 4.3446                                  | 17.6550                                       | 1.5995                                      |
| 2015                                               | 8.6014                                  | —                                                 | 71.1956                                   | 14,870.39                                | 4.3122                                   | 134.31                       | 1,256.54                                            | 4.3373                                  | 17.6157                                       | 1.5930                                      |
| 2016                                               | 8.5922                                  | —                                                 | 74.3717                                   | 14,720.83                                | 4.2489                                   | 120.20                       | 1,284.18                                            | 4.5835                                  | 20.6673                                       | 1.5886                                      |
| 2017                                               | 8.8045                                  | —                                                 | 73.5324                                   | 15,118.01                                | 4.0622                                   | 126.71                       | 1,276.74                                            | 4.8527                                  | 21.3286                                       | 1.5897                                      |
| 2018                                               | 9.2559                                  | 127.89                                            | 80.7332                                   | 16,803.22                                | 4.2423                                   | 130.40                       | 1,299.07                                            | 4.7634                                  | 22.7054                                       | 1.7065                                      |
| 2019                                               | 8.7715                                  | 137.28                                            | 78.8361                                   | 15,835.27                                | 3.9901                                   | 122.01                       | 1,305.32                                            | 4.6374                                  | 21.5565                                       | 1.6998                                      |

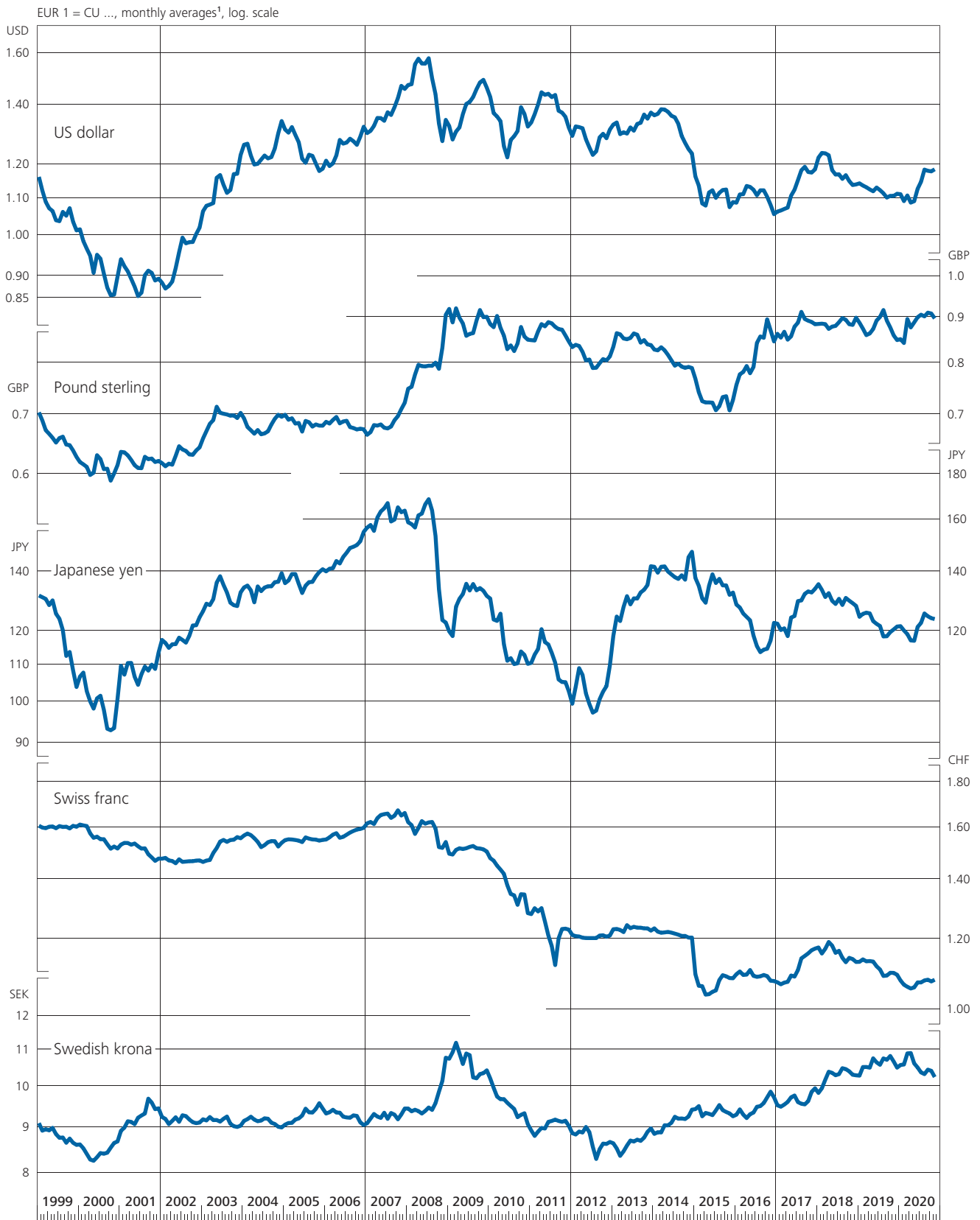
| Other European and non-European countries (cont'd) |                                     |                                       |                                                |                                         |                                              |                                   |                              |                                            |                                                         |                                   |
|----------------------------------------------------|-------------------------------------|---------------------------------------|------------------------------------------------|-----------------------------------------|----------------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|---------------------------------------------------------|-----------------------------------|
| Period                                             | Norway<br>Norwegian<br>krona<br>NOK | Philippines<br>Philippine peso<br>PHP | Russian<br>Federation<br>Russian rouble<br>RUB | Singapore<br>Singapore<br>dollar<br>SGD | South Africa<br>South African<br>rand<br>ZAR | Switzerland<br>Swiss franc<br>CHF | Thailand<br>Thai baht<br>THB | Turkey<br>Turkish lira <sup>5</sup><br>TRY | United<br>Kingdom <sup>6</sup><br>Pound sterling<br>GBP | United States<br>US dollar<br>USD |
| <b>End of year</b>                                 |                                     |                                       |                                                |                                         |                                              |                                   |                              |                                            |                                                         |                                   |
| 2006                                               | 8.2380                              | 64.546                                | 34.6800                                        | 2.0202                                  | 9.2124                                       | 1.6069                            | 46.770                       | 1.8640                                     | 0.67150                                                 | 1.3170                            |
| 2007                                               | 7.9580                              | 60.724                                | 35.9860                                        | 2.1163                                  | 10.0298                                      | 1.6547                            | 43.800                       | 1.7170                                     | 0.73335                                                 | 1.4721                            |
| 2008                                               | 9.7500                              | 65.930                                | 41.2830                                        | 2.0040                                  | 13.0667                                      | 1.4850                            | 48.285                       | 2.1488                                     | 0.95250                                                 | 1.3917                            |
| 2009                                               | 8.3000                              | 66.507                                | 43.1540                                        | 2.0194                                  | 10.6660                                      | 1.4836                            | 47.986                       | 2.1547                                     | 0.88810                                                 | 1.4406                            |
| 2010                                               | 7.8000                              | 58.300                                | 40.8200                                        | 1.7136                                  | 8.8625                                       | 1.2504                            | 40.170                       | 2.0694                                     | 0.86075                                                 | 1.3362                            |
| 2011                                               | 7.7540                              | 56.754                                | 41.7650                                        | 1.6819                                  | 10.4830                                      | 1.2156                            | 40.991                       | 2.4432                                     | 0.83530                                                 | 1.2939                            |
| 2012                                               | 7.3483                              | 54.107                                | 40.3295                                        | 1.6111                                  | 11.1727                                      | 1.2072                            | 40.347                       | 2.3551                                     | 0.81610                                                 | 1.3194                            |
| 2013                                               | 8.3630                              | 61.289                                | 45.3246                                        | 1.7414                                  | 14.5660                                      | 1.2276                            | 45.178                       | 2.9605                                     | 0.83370                                                 | 1.3791                            |
| 2014                                               | 9.0420                              | 54.436                                | 72.3370                                        | 1.6058                                  | 14.0353                                      | 1.2024                            | 39.910                       | 2.8320                                     | 0.77890                                                 | 1.2141                            |
| 2015                                               | 9.6030                              | 50.999                                | 80.6736                                        | 1.5417                                  | 16.9530                                      | 1.0835                            | 39.248                       | 3.1765                                     | 0.73395                                                 | 1.0887                            |
| 2016                                               | 9.0863                              | 52.268                                | 64.3000                                        | 1.5234                                  | 14.4570                                      | 1.0739                            | 37.726                       | 3.7072                                     | 0.85618                                                 | 1.0541                            |
| 2017                                               | 9.8403                              | 59.795                                | 69.3920                                        | 1.6024                                  | 14.8054                                      | 1.1702                            | 39.121                       | 4.5464                                     | 0.88723                                                 | 1.1993                            |
| 2018                                               | 9.9483                              | 60.113                                | 79.7153                                        | 1.5591                                  | 16.4594                                      | 1.1269                            | 37.052                       | 6.0588                                     | 0.89453                                                 | 1.1450                            |
| 2019                                               | 9.8638                              | 56.900                                | 69.9563                                        | 1.5111                                  | 15.7773                                      | 1.0854                            | 33.415                       | 6.6843                                     | 0.85080                                                 | 1.1234                            |
| <b>Annual averages +</b>                           |                                     |                                       |                                                |                                         |                                              |                                   |                              |                                            |                                                         |                                   |
| 2006                                               | 8.0472                              | 64.379                                | 34.1117                                        | 1.9941                                  | 8.5312                                       | 1.5729                            | 47.594                       | 1.8090                                     | 0.68173                                                 | 1.2556                            |
| 2007                                               | 8.0165                              | 63.026                                | 35.0183                                        | 2.0636                                  | 9.6596                                       | 1.6427                            | 44.214                       | 1.7865                                     | 0.68434                                                 | 1.3705                            |
| 2008                                               | 8.2237                              | 65.172                                | 36.4207                                        | 2.0762                                  | 12.0590                                      | 1.5874                            | 48.475                       | 1.9064                                     | 0.79628                                                 | 1.4708                            |
| 2009                                               | 8.7278                              | 66.338                                | 44.1376                                        | 2.0241                                  | 11.6737                                      | 1.5100                            | 47.804                       | 2.1631                                     | 0.89094                                                 | 1.3948                            |
| 2010                                               | 8.0043                              | 59.739                                | 40.2629                                        | 1.8055                                  | 9.6984                                       | 1.3803                            | 42.014                       | 1.9965                                     | 0.85784                                                 | 1.3257                            |
| 2011                                               | 7.7934                              | 60.260                                | 40.8846                                        | 1.7489                                  | 10.0970                                      | 1.2326                            | 42.429                       | 2.3378                                     | 0.86788                                                 | 1.3920                            |
| 2012                                               | 7.4751                              | 54.246                                | 39.9262                                        | 1.6055                                  | 10.5511                                      | 1.2053                            | 39.928                       | 2.3135                                     | 0.81087                                                 | 1.2848                            |
| 2013                                               | 7.8067                              | 56.428                                | 42.3370                                        | 1.6619                                  | 12.8330                                      | 1.2311                            | 40.830                       | 2.5335                                     | 0.84926                                                 | 1.3281                            |
| 2014                                               | 8.3544                              | 58.979                                | 50.9518                                        | 1.6823                                  | 14.4037                                      | 1.2146                            | 43.147                       | 2.9065                                     | 0.80612                                                 | 1.3285                            |
| 2015                                               | 8.9496                              | 50.522                                | 68.0720                                        | 1.5255                                  | 14.1723                                      | 1.0679                            | 38.028                       | 3.0255                                     | 0.72584                                                 | 1.1095                            |
| 2016                                               | 9.2906                              | 52.556                                | 74.1446                                        | 1.5275                                  | 16.2645                                      | 1.0902                            | 39.043                       | 3.3433                                     | 0.81948                                                 | 1.1069                            |
| 2017                                               | 9.3270                              | 56.973                                | 65.9383                                        | 1.5588                                  | 15.0490                                      | 1.1117                            | 38.296                       | 4.1206                                     | 0.87667                                                 | 1.1297                            |
| 2018                                               | 9.5975                              | 62.210                                | 74.0416                                        | 1.5926                                  | 15.6186                                      | 1.1550                            | 38.164                       | 5.7077                                     | 0.88471                                                 | 1.1810                            |
| 2019                                               | 9.8511                              | 57.985                                | 72.4553                                        | 1.5273                                  | 16.1757                                      | 1.1124                            | 34.757                       | 6.3578                                     | 0.87777                                                 | 1.1195                            |

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. <sup>2</sup> Up to December 2008, ECB indicative rates. <sup>3</sup> Up to

December 2010, ECB indicative rates. <sup>4</sup> Up to December 2007, ECB indicative rates. <sup>5</sup> Up to end-2008, New Turkish lira. <sup>6</sup> The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 4. Exchange rates of major currencies

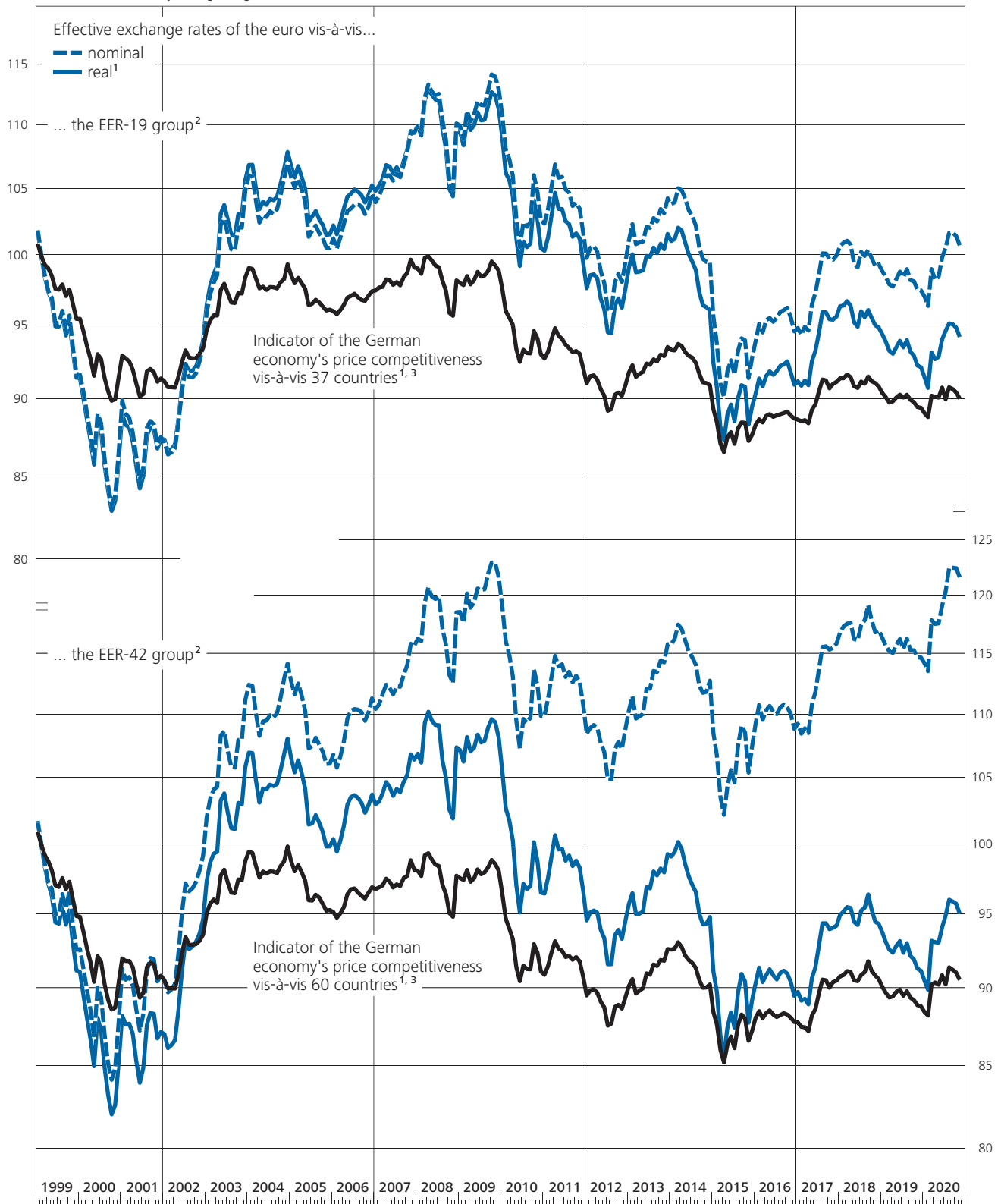


\* See explanatory notes, p. 48. <sup>1</sup> Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

### 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



Source: ECB and Bundesbank calculation. \* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in 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 competitiveness. <sup>1</sup> Based on consumer price indices. <sup>2</sup> Includes the 19 respectively 42 most important trading partners of the euro area economy. <sup>3</sup> Includes the 37 respectively 60 most important trading partners of the German economy.

### III. Effective exchange rates

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

Q1 1999 = 100

| Effective exchange rate of the euro vis-à-vis the currencies of the group |                     |                                                     |                                                                      |                                                                    |                     |                                                     |
|---------------------------------------------------------------------------|---------------------|-----------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|-----------------------------------------------------|
| Yearly,<br>quarterly<br>or monthly<br>average                             | EER-19 <sup>1</sup> |                                                     |                                                                      |                                                                    | EER-42 <sup>1</sup> |                                                     |
|                                                                           | Nominal             | In real terms<br>based on<br>consumer price indices | In real terms<br>based on the deflators<br>of gross domestic product | In real terms<br>based on unit labour costs<br>of national economy | Nominal             | In real terms<br>based on<br>consumer price indices |
| 1999                                                                      | 96.3                | 96.1                                                | 96.0                                                                 | 96.1                                                               | 96.5                | 95.9                                                |
| 2000                                                                      | 87.2                | 86.8                                                | 86.1                                                                 | 85.8                                                               | 88.1                | 86.1                                                |
| 2001                                                                      | 87.6                | 87.1                                                | 86.8                                                                 | 86.8                                                               | 90.2                | 86.9                                                |
| 2002                                                                      | 89.9                | 90.2                                                | 89.9                                                                 | 90.4                                                               | 94.5                | 90.5                                                |
| 2003                                                                      | 100.5               | 101.3                                               | 101.1                                                                | 101.8                                                              | 106.4               | 101.5                                               |
| 2004                                                                      | 104.3               | 105.2                                               | 104.0                                                                | 105.2                                                              | 110.8               | 105.3                                               |
| 2005                                                                      | 102.9               | 103.9                                               | 102.1                                                                | 103.4                                                              | 109.0               | 102.9                                               |
| 2006                                                                      | 102.9               | 103.9                                               | 101.5                                                                | 102.3                                                              | 109.1               | 102.3                                               |
| 2007                                                                      | 106.4               | 106.9                                               | 103.8                                                                | 104.7                                                              | 112.7               | 104.5                                               |
| 2008                                                                      | 110.2               | 109.8                                               | 106.0                                                                | 109.0                                                              | 117.4               | 106.9                                               |
| 2009                                                                      | 111.7               | 110.6                                               | 107.1                                                                | 114.7                                                              | 120.5               | 108.0                                               |
| 2010                                                                      | 104.5               | 102.9                                               | 99.0                                                                 | 106.6                                                              | 111.9               | 99.0                                                |
| 2011                                                                      | 104.3               | 102.0                                               | 97.0                                                                 | 105.0                                                              | 112.7               | 98.6                                                |
| 2012                                                                      | 98.6                | 96.8                                                | 91.5                                                                 | 98.9                                                               | 107.5               | 93.8                                                |
| 2013                                                                      | 102.2               | 99.9                                                | 94.4                                                                 | 101.9                                                              | 112.2               | 96.8                                                |
| 2014                                                                      | 102.4               | 99.3                                                | 94.3                                                                 | 102.6                                                              | 114.6               | 97.2                                                |
| 2015                                                                      | 92.6                | 89.6                                                | 85.8                                                                 | 92.2                                                               | 106.1               | 88.7                                                |
| 2016                                                                      | 95.3                | 91.6                                                | 88.0                                                                 | p 93.4                                                             | 110.1               | 90.7                                                |
| 2017                                                                      | 97.5                | 93.5                                                | 89.1                                                                 | p 94.1                                                             | 112.4               | 91.9                                                |
| 2018                                                                      | 100.0               | 95.7                                                | 90.5                                                                 | p 95.5                                                             | 117.3               | 95.1                                                |
| 2019                                                                      | 98.2                | 93.3                                                | 88.7                                                                 | p 92.8                                                             | 115.5               | 92.4                                                |
| 2018 Dec.                                                                 | 99.3                | 94.8                                                |                                                                      |                                                                    | 117.0               | 94.3                                                |
| 2019 Jan.                                                                 | 98.8                | 94.3                                                |                                                                      |                                                                    | 116.3               | 93.7                                                |
| Feb.                                                                      | 98.4                | 93.8                                                | 88.9                                                                 | p 93.3                                                             | 115.6               | 93.1                                                |
| Mar.                                                                      | 97.9                | 93.2                                                |                                                                      |                                                                    | 115.2               | 92.5                                                |
| Apr.                                                                      | 97.7                | 93.0                                                |                                                                      |                                                                    | 115.0               | 92.3                                                |
| May                                                                       | 98.2                | 93.4                                                | 88.6                                                                 | p 93.0                                                             | 115.7               | 92.8                                                |
| June                                                                      | 98.8                | 93.9                                                |                                                                      |                                                                    | 116.2               | 93.1                                                |
| July                                                                      | 98.4                | 93.4                                                |                                                                      |                                                                    | 115.4               | 92.3                                                |
| Aug.                                                                      | 98.9                | 93.9                                                | 88.9                                                                 | p 93.2                                                             | 116.2               | 93.0                                                |
| Sep.                                                                      | 98.2                | 93.1                                                |                                                                      |                                                                    | 115.3               | 92.1                                                |
| Oct.                                                                      | 98.1                | 92.9                                                |                                                                      |                                                                    | 115.3               | 91.9                                                |
| Nov.                                                                      | 97.5                | 92.2                                                | 88.4                                                                 | p 92.0                                                             | 114.6               | 91.3                                                |
| Dec.                                                                      | 97.4                | 92.1                                                |                                                                      |                                                                    | 114.7               | 91.1                                                |
| 2020 Jan.                                                                 | 97.0                | 91.4                                                |                                                                      |                                                                    | 114.2               | 90.5                                                |
| Feb.                                                                      | 96.3                | 90.7                                                | 88.1                                                                 | p 92.6                                                             | 113.5               | 89.9                                                |
| Mar.                                                                      | 99.0                | 93.1                                                |                                                                      |                                                                    | 117.8               | p 93.1                                              |
| Apr.                                                                      | 98.2                | 92.6                                                |                                                                      |                                                                    | 117.5               | p 93.0                                              |
| May                                                                       | 98.4                | 92.8                                                | p 88.1                                                               | p 92.1                                                             | 117.6               | p 93.0                                              |
| June                                                                      | 99.8                | 94.0                                                |                                                                      |                                                                    | 119.1               | p 94.1                                              |
| July                                                                      | 100.5               | 94.6                                                |                                                                      |                                                                    | 120.3               | p 94.9                                              |
| Aug.                                                                      | 101.6               | 95.1                                                | ...                                                                  | ...                                                                | 122.4               | p 96.0                                              |
| Sep.                                                                      | 101.6               | 95.0                                                |                                                                      |                                                                    | 122.5               | p 95.9                                              |
| Oct.                                                                      | 101.4               | p 94.8                                              |                                                                      |                                                                    | 122.4               | p 95.7                                              |
| Nov.                                                                      | 100.7               | p 94.2                                              | ...                                                                  | ...                                                                | 121.6               | p 95.0                                              |
| 2020 Nov. 11                                                              | 100.3               | -                                                   | -                                                                    | -                                                                  | 121.1               | -                                                   |
| 12                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.4               | -                                                   |
| 13                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.5               | -                                                   |
| 16                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.4               | -                                                   |
| 17                                                                        | 100.8               | -                                                   | -                                                                    | -                                                                  | 121.6               | -                                                   |
| 18                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.3               | -                                                   |
| 19                                                                        | 100.5               | -                                                   | -                                                                    | -                                                                  | 121.2               | -                                                   |
| 20                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.3               | -                                                   |
| 23                                                                        | 100.7               | -                                                   | -                                                                    | -                                                                  | 121.5               | -                                                   |
| 24                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.5               | -                                                   |
| 25                                                                        | 100.6               | -                                                   | -                                                                    | -                                                                  | 121.5               | -                                                   |
| 26                                                                        | 100.7               | -                                                   | -                                                                    | -                                                                  | 121.5               | -                                                   |
| 27                                                                        | 100.9               | -                                                   | -                                                                    | -                                                                  | 121.8               | -                                                   |
| 30                                                                        | 101.1               | -                                                   | -                                                                    | -                                                                  | 122.1               | -                                                   |
| Dec. 1                                                                    | 101.1               | -                                                   | -                                                                    | -                                                                  | 122.0               | -                                                   |
| 2                                                                         | 101.7               | -                                                   | -                                                                    | -                                                                  | 122.8               | -                                                   |
| 3                                                                         | 101.9               | -                                                   | -                                                                    | -                                                                  | 123.1               | -                                                   |
| 4                                                                         | 101.9               | -                                                   | -                                                                    | -                                                                  | 122.9               | -                                                   |
| 7                                                                         | 101.9               | -                                                   | -                                                                    | -                                                                  | 122.9               | -                                                   |
| 8                                                                         | 101.8               | -                                                   | -                                                                    | -                                                                  | 122.7               | -                                                   |
| 9                                                                         | 101.4               | -                                                   | -                                                                    | -                                                                  | 122.4               | -                                                   |
| 10                                                                        | 101.7               | -                                                   | -                                                                    | -                                                                  | 122.6               | -                                                   |
| 11                                                                        | 102.0               | -                                                   | -                                                                    | -                                                                  | 122.9               | -                                                   |

ECB calculation. \* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in 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 |        |                           |                           |
|                                               |                                                 |                        |                            |        |                           |                                               |                            |        |                           |                           |
| 1999                                          | 97.9                                            | 99.5                   | 95.9                       | 97.7   | 98.2                      | 100.1                                         | 96.0                       | 98.1   | 97.8                      |                           |
| 2000                                          | 91.9                                            | 97.4                   | 85.5                       | 91.1   | 93.0                      | 99.0                                          | 86.0                       | 92.2   | 91.2                      |                           |
| 2001                                          | 91.7                                            | 96.5                   | 86.1                       | 90.5   | 92.9                      | 98.1                                          | 86.8                       | 91.6   | 91.0                      |                           |
| 2002                                          | 92.4                                            | 95.6                   | 88.6                       | 91.1   | 93.4                      | 96.8                                          | 89.4                       | 92.1   | 91.9                      |                           |
| 2003                                          | 95.9                                            | 94.7                   | 97.7                       | 95.3   | 97.0                      | 95.7                                          | 98.9                       | 96.6   | 96.8                      |                           |
| 2004                                          | 96.2                                            | 93.5                   | 100.2                      | 95.6   | 98.4                      | 95.3                                          | 102.8                      | 98.1   | 98.4                      |                           |
| 2005                                          | 94.8                                            | 91.9                   | 99.0                       | 93.3   | 98.4                      | 95.1                                          | 103.1                      | 97.1   | 96.8                      |                           |
| 2006                                          | 93.6                                            | 90.3                   | 98.4                       | 91.6   | 98.5                      | 94.8                                          | 103.9                      | 96.7   | 96.0                      |                           |
| 2007                                          | 94.5                                            | 89.5                   | 102.2                      | 92.0   | 100.9                     | 95.1                                          | 109.5                      | 98.2   | 97.4                      |                           |
| 2008                                          | 94.9                                            | 88.3                   | 105.3                      | 91.3   | 102.3                     | 94.5                                          | 114.6                      | 98.4   | 97.6                      |                           |
| 2009                                          | 95.2                                            | 89.1                   | 104.8                      | 92.0   | 101.9                     | 94.4                                          | 113.5                      | 98.5   | 97.9                      |                           |
| 2010                                          | 92.6                                            | 88.7                   | 98.3                       | 88.2   | 98.7                      | 94.0                                          | 105.8                      | 94.2   | 92.5                      |                           |
| 2011                                          | 92.2                                            | 88.5                   | 97.7                       | 87.4   | 98.2                      | 93.6                                          | 104.8                      | 93.4   | 91.9                      |                           |
| 2012                                          | 90.1                                            | 88.3                   | 92.6                       | 84.7   | 95.9                      | 93.2                                          | 99.6                       | 90.5   | 89.0                      |                           |
| 2013                                          | 92.4                                            | 88.8                   | 97.6                       | 86.7   | 98.2                      | 93.3                                          | 105.3                      | 92.3   | 90.9                      |                           |
| 2014                                          | 93.0                                            | 89.6                   | 97.8                       | 87.4   | 98.2                      | 93.5                                          | 104.9                      | 92.4   | 91.5                      |                           |
| 2015                                          | 89.8                                            | 90.3                   | 89.0                       | 83.6   | 94.4                      | 94.0                                          | 94.5                       | 87.8   | 87.0                      |                           |
| 2016                                          | 90.6                                            | 90.7                   | 90.5                       | 84.9   | 95.1                      | 94.0                                          | 96.2                       | 88.8   | 88.2                      |                           |
| 2017                                          | 91.8                                            | 90.7                   | 93.2                       | 85.6   | 96.4                      | 94.2                                          | 99.3                       | 89.9   | 89.0                      |                           |
| 2018                                          | 92.8                                            | 90.7                   | 96.0                       | 86.4   | 97.7                      | 94.3                                          | 102.6                      | 91.1   | 90.9                      |                           |
| 2019                                          | 91.9                                            | 91.0                   | 93.2                       | 85.6   | 96.4                      | 94.2                                          | 99.4                       | 89.9   | 89.5                      |                           |
| 2017 June                                     |                                                 |                        |                            |        | 96.1                      | 94.1                                          | 98.7                       | 89.6   | 88.6                      |                           |
| July                                          |                                                 |                        |                            |        | 96.9                      | 94.3                                          | 100.5                      | 90.5   | 89.6                      |                           |
| Aug.                                          | 92.8                                            | 90.9                   | 95.6                       | 86.6   | 97.7                      | 94.3                                          | 102.6                      | 91.3   | 90.5                      |                           |
| Sep.                                          |                                                 |                        |                            |        | 97.7                      | 94.3                                          | 102.5                      | 91.2   | 90.5                      |                           |
| Oct.                                          |                                                 |                        |                            |        | 97.2                      | 94.0                                          | 101.9                      | 90.7   | 90.0                      |                           |
| Nov.                                          | 92.9                                            | 90.7                   | 95.9                       | 86.5   | 97.7                      | 94.4                                          | 102.5                      | 91.0   | 90.4                      |                           |
| Dec.                                          |                                                 |                        |                            |        | 97.8                      | 94.4                                          | 102.8                      | 91.1   | 90.5                      |                           |
| 2018 Jan.                                     |                                                 |                        |                            |        | 98.2                      | 94.2                                          | 104.0                      | 91.3   | 90.7                      |                           |
| Feb.                                          | 93.3                                            | 90.5                   | 97.4                       | 86.7   | 98.2                      | 94.2                                          | 104.0                      | 91.3   | 90.8                      |                           |
| Mar.                                          |                                                 |                        |                            |        | 98.4                      | 94.4                                          | 104.4                      | 91.6   | 91.1                      |                           |
| Apr.                                          |                                                 |                        |                            |        | 98.4                      | 94.3                                          | 104.4                      | 91.4   | 91.0                      |                           |
| May                                           | 92.9                                            | 90.7                   | 96.1                       | 86.1   | 97.8                      | 94.3                                          | 102.8                      | 90.8   | 90.5                      |                           |
| June                                          |                                                 |                        |                            |        | 97.5                      | 94.3                                          | 102.0                      | 90.7   | 90.4                      |                           |
| July                                          |                                                 |                        |                            |        | 97.4                      | 94.1                                          | 102.3                      | 91.1   | 90.8                      |                           |
| Aug.                                          | 92.6                                            | 90.6                   | 95.6                       | 86.4   | 97.3                      | 94.2                                          | 101.7                      | 91.0   | 91.0                      |                           |
| Sep.                                          |                                                 |                        |                            |        | 97.7                      | 94.5                                          | 102.4                      | 91.5   | 91.8                      |                           |
| Oct.                                          |                                                 |                        |                            |        | 97.3                      | 94.4                                          | 101.5                      | 91.1   | 91.1                      |                           |
| Nov.                                          | 92.5                                            | 90.9                   | 94.8                       | 86.3   | 97.3                      | 94.5                                          | 101.1                      | 91.0   | 90.8                      |                           |
| Dec.                                          |                                                 |                        |                            |        | 97.2                      | 94.4                                          | 101.1                      | 90.8   | 90.6                      |                           |
| 2019 Jan.                                     |                                                 |                        |                            |        | 96.8                      | 94.1                                          | 100.6                      | 90.4   | 90.1                      |                           |
| Feb.                                          | 91.9                                            | 90.6                   | 93.8                       | 85.5   | 96.7                      | 94.1                                          | 100.2                      | 90.1   | 89.7                      |                           |
| Mar.                                          |                                                 |                        |                            |        | 96.4                      | 94.0                                          | 99.6                       | 89.7   | 89.4                      |                           |
| Apr.                                          |                                                 |                        |                            |        | 96.5                      | 94.3                                          | 99.6                       | 89.8   | 89.4                      |                           |
| May                                           | 92.1                                            | 91.0                   | 93.6                       | 85.5   | 96.6                      | 94.3                                          | 99.7                       | 90.1   | 89.7                      |                           |
| June                                          |                                                 |                        |                            |        | 96.8                      | 94.3                                          | 100.2                      | 90.3   | 89.9                      |                           |
| July                                          |                                                 |                        |                            |        | 96.7                      | 94.4                                          | 99.9                       | 90.1   | 89.5                      |                           |
| Aug.                                          | 92.0                                            | 91.2                   | 93.1                       | 85.7   | 96.5                      | 94.2                                          | 99.7                       | 90.2   | 89.8                      |                           |
| Sep.                                          |                                                 |                        |                            |        | 96.2                      | 94.3                                          | 98.6                       | 89.9   | 89.3                      |                           |
| Oct.                                          |                                                 |                        |                            |        | 96.2                      | 94.3                                          | 98.7                       | 89.8   | 89.2                      |                           |
| Nov.                                          | 91.7                                            | 91.3                   | 92.3                       | 85.5   | 96.0                      | 94.3                                          | 98.2                       | 89.4   | 88.8                      |                           |
| Dec.                                          |                                                 |                        |                            |        | 95.9                      | 94.3                                          | 98.0                       | 89.4   | 88.8                      |                           |
| 2020 Jan.                                     |                                                 |                        |                            |        | 95.9                      | 94.4                                          | 97.9                       | 89.0   | 88.4                      |                           |
| Feb.                                          | 91.4                                            | 91.3                   | 91.5                       | 85.3   | 95.6                      | 94.5                                          | 96.8                       | 88.8   | 88.2                      |                           |
| Mar.                                          |                                                 |                        |                            |        | 96.6                      | 94.6                                          | 99.2                       | 90.2   | P 90.2                    |                           |
| Apr.                                          |                                                 |                        |                            |        | 96.3                      | 94.7                                          | 98.3                       | 90.1   | P 90.3                    |                           |
| May                                           | 91.3                                            | 91.2                   | 91.2                       | 85.7   | 96.2                      | 94.6                                          | 98.3                       | 90.1   | P 90.2                    |                           |
| June                                          |                                                 |                        |                            |        | 96.9                      | 94.6                                          | 100.1                      | 90.7   | P 90.8                    |                           |
| July                                          |                                                 |                        |                            |        | 96.0                      | 93.3                                          | 99.8                       | 90.0   | P 90.2                    |                           |
| Aug.                                          | P 92.3                                          | P 91.2                 | 93.8                       | P 86.5 | 97.0                      | 94.0                                          | 101.2                      | 90.7   | P 91.3                    |                           |
| Sep.                                          |                                                 |                        |                            |        | 96.8                      | 93.9                                          | 101.1                      | 90.6   | P 91.2                    |                           |
| Oct.                                          |                                                 |                        |                            |        | P 96.6                    | 93.7                                          | P 100.8                    | P 90.4 | P 91.0                    |                           |
| Nov.                                          | ...                                             | ...                    | ...                        | ...    | P 96.5                    | P 93.7                                        | P 100.6                    | P 90.0 | P 90.5                    |                           |

\* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in 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 avail-

able, 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<br>Country code | Currency<br>ISO currency code        | Type of<br>rate | Unit         | Annual average<br>2019 | Rate at end of month |              |               |
|-------------------------------------------------|--------------------------------------|-----------------|--------------|------------------------|----------------------|--------------|---------------|
|                                                 |                                      |                 |              |                        | September 2020       | October 2020 | November 2020 |
| Afghanistan                                     |                                      |                 |              |                        |                      |              |               |
| Kabul<br>660                                    | Afghani<br>= 100 puls                | B               | USD 1 =      | AFN 77.7425            | AFN 76.8313          | AFN 76.7292  | AFN 76.9417   |
|                                                 |                                      | S               | USD 1 =      | AFN 77.8425            | AFN 76.9313          | AFN 76.8292  | AFN 77.0417   |
|                                                 | AFN                                  | B               | EUR 1 =      | AFN 86.8579            | AFN 89.1422          | AFN 89.2950  | AFN 90.9771   |
| S                                               |                                      | EUR 1 =         | AFN 87.1179  | AFN 89.4022            | AFN 89.5550          | AFN 91.2371  |               |
| Albania                                         |                                      |                 |              |                        |                      |              |               |
| Tirana<br>070                                   | Albanian lek<br>= 100 qindarka       | M               | USD 1 =      | ALL 109.89             | ALL 105.99           | ALL 106.16   | ALL 103.85    |
|                                                 |                                      | M               | EUR 1 =      | ALL 123.10             | ALL 124.05           | ALL 123.93   | ALL 123.78    |
|                                                 | ALL                                  |                 |              |                        |                      |              |               |
| Algeria                                         |                                      |                 |              |                        |                      |              |               |
| Algiers<br>208                                  | Algerian dinar<br>= 100 centimes     | B               | USD 1 =      | DZD 119.3708           | DZD 129.2618         | DZD 129.3257 | DZD 129.1123  |
|                                                 |                                      | S               | USD 1 =      | DZD 119.3858           | DZD 129.2768         | DZD 129.3407 | DZD 129.1273  |
|                                                 | DZD                                  | B               | EUR 1 =      | DZD 133.6219           | DZD 151.1587         | DZD 150.8714 | DZD 154.5603  |
| S                                               |                                      | EUR 1 =         | DZD 133.6725 | DZD 151.2151           | DZD 150.9147         | DZD 154.6170 |               |
| Angola <sup>1</sup>                             |                                      |                 |              |                        |                      |              |               |
| Luanda<br>330                                   | Kwanza<br>= 100 cêntimos             | M               | USD 1 =      | AOA 374.840            | AOA 620.210          | AOA 661.875  | AOA 649.817   |
|                                                 |                                      | M               | EUR 1 =      | AOA 419.071            | AOA 726.173          | AOA 773.102  | AOA 778.643   |
|                                                 | AOA                                  |                 |              |                        |                      |              |               |
| Antigua and Barbuda                             |                                      |                 |              |                        |                      |              |               |
| St John's<br>459                                | 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 3.0094             | XCD 3.1473           | XCD 3.1447   | XCD 3.2205    |
|                                                 |                                      | V, S            | EUR 1 =      | XCD 3.0416             | XCD 3.1809           | XCD 3.1782   | XCD 3.2548    |
| Argentina <sup>1</sup>                          |                                      |                 |              |                        |                      |              |               |
| Buenos Aires<br>528                             | Argentine peso<br>= 100 centavos     | B               | USD 1 =      | ARS 48.0341            | ARS 75.9800          | ARS 78.1200  | ARS 81.1100   |
|                                                 |                                      | S               | USD 1 =      | ARS 48.2341            | ARS 76.1800          | ARS 78.3200  | ARS 81.3100   |
|                                                 | ARS                                  | B               | EUR 1 =      | ARS 53.6198            | ARS 88.9650          | ARS 90.8848  | ARS 96.8697   |
| S                                               |                                      | EUR 1 =         | ARS 53.9640  | ARS 89.3896            | ARS 91.3133          | ARS 97.3118  |               |
| Armenia                                         |                                      |                 |              |                        |                      |              |               |
| Yerevan<br>077                                  | Armenian dram<br>= 100 luma          | M               | USD 1 =      | AMD 480.30             | AMD 488.41           | AMD 493.60   | AMD 506.40    |
|                                                 |                                      | M               | EUR 1 =      | AMD 537.96             | AMD 571.78           | AMD 576.08   | AMD 606.82    |
|                                                 | AMD                                  |                 |              |                        |                      |              |               |
| Aruba                                           |                                      |                 |              |                        |                      |              |               |
| Oranjestad<br>474                               | 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 199.37             | AWG 208.53           | AWG 207.88   | AWG 213.54    |
|                                                 |                                      | S               | EUR 100 =    | AWG 201.37             | AWG 210.62           | AWG 209.96   | AWG 215.69    |

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<br>Country code | Currency<br>ISO currency code                 | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |               |                 |
|-------------------------------------------------|-----------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|-----------------|
|                                                 |                                               |                 |         |                        | September 2020       | October 2020  | November 2020   |
| Australia                                       |                                               |                 |         |                        |                      |               |                 |
| Canberra<br>800                                 | Australian dollar<br>= 100 cents<br><br>AUD   | M               | AUD 1 = | USD 0.6952             | USD 0.7108           | USD 0.7044    | USD 0.7393      |
|                                                 |                                               | M               | AUD 1 = | EUR 0.6220             | EUR 0.6058           | EUR 0.6030    | EUR 0.6177      |
| Austria                                         |                                               |                 |         |                        |                      |               |                 |
| Vienna<br>038                                   | Euro<br>= 100 cent<br><br>EUR                 | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698    | USD 1.1980      |
| Azerbaijan                                      |                                               |                 |         |                        |                      |               |                 |
| Baku<br>078                                     | Azerbaijan manat<br>= 100 qapik<br><br>AZN    | M               | USD 1 = | AZN 1.7000             | AZN 1.7000           | AZN 1.7000    | AZN 1.7000      |
|                                                 |                                               | M               | EUR 1 = | AZN 1.9044             | AZN 1.9947           | AZN 1.9860    | AZN 2.0344      |
| Bahamas                                         |                                               |                 |         |                        |                      |               |                 |
| Nassau<br>453                                   | Bahamian dollar<br>= 100 cents<br><br>BSD     | 2 B             | USD 1 = | BSD 0.9950             | BSD 0.9950           | BSD 0.9950    | BSD 0.9950      |
|                                                 |                                               | 2 S             | USD 1 = | BSD 1.0125             | BSD 1.0125           | BSD 1.0125    | BSD 1.0125      |
|                                                 |                                               | V, B            | EUR 1 = | BSD 1.11390            | BSD 1.16495          | BSD 1.16395   | BSD 1.19201     |
|                                                 |                                               | V, S            | EUR 1 = | BSD 1.13349            | BSD 1.18544          | BSD 1.18442   | BSD 1.21298     |
| Bahrain                                         |                                               |                 |         |                        |                      |               |                 |
| Manama<br>640                                   | Bahraini dinar<br>= 1,000 fils<br><br>BHD     | 2 B             | USD 1 = | BHD 0.37425            | BHD 0.37425          | BHD 0.37425   | BHD 0.37425     |
|                                                 |                                               | 2 S             | USD 1 = | BHD 0.37785            | BHD 0.37785          | BHD 0.37785   | BHD 0.37785     |
|                                                 |                                               | B               | EUR 1 = | BHD 0.4095324          | BHD 0.4381719 v      | BHD 0.4307960 | BHD 0.4483515 v |
|                                                 |                                               | S               | EUR 1 = | BHD 0.4348643          | BHD 0.4423868 v      | BHD 0.4574440 | BHD 0.4526643 v |
| Bangladesh <sup>1</sup>                         |                                               |                 |         |                        |                      |               |                 |
| Dhaka<br>666                                    | Taka<br>= 100 poisha<br><br>BDT               | B               | USD 1 = | BDT 84.4875            | BDT 84.8360          | BDT 84.8004   | BDT 84.8000     |
|                                                 |                                               | S               | USD 1 = | BDT 84.4875            | BDT 84.8360          | BDT 84.8004   | BDT 84.8000     |
|                                                 |                                               | B               | EUR 1 = | BDT 94.4087            | BDT 99.6074          | BDT 99.5891   | BDT 101.4378    |
|                                                 |                                               | S               | EUR 1 = | BDT 94.4389            | BDT 99.6648          | BDT 99.6163   | BDT 101.4632    |
| Barbados                                        |                                               |                 |         |                        |                      |               |                 |
| Bridgetown<br>469                               | Barbados dollar<br>= 100 cents<br><br>BBD     | 2 B             | USD 1 = | BBD 1.99375            | BBD 1.99375          | BBD 1.99375   | BBD 1.99375     |
|                                                 |                                               | 2 S             | USD 1 = | BBD 2.02768            | BBD 2.02768          | BBD 2.02768   | BBD 2.02768     |
|                                                 |                                               | B               | EUR 1 = | BBD 2.22660            | BBD 2.33821          | BBD 2.32408   | BBD 2.37246     |
|                                                 |                                               | S               | EUR 1 = | BBD 2.26834            | BBD 2.38205          | BBD 2.36765   | BBD 2.41694     |
| Belarus                                         |                                               |                 |         |                        |                      |               |                 |
| Minsk<br>073                                    | Belarusian rouble<br>= 100 kopecks<br><br>BYN | M               | USD 1 = | BYN 2.0921             | BYN 2.6403           | BYN 2.6352    | BYN 2.5817      |
|                                                 |                                               | M               | EUR 1 = | BYN 2.3430             | BYN 3.0840           | BYN 3.0778    | BYN 3.0794      |

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<br>Country code        | Currency<br>ISO currency code                 | Type of<br>rate                | Unit                                         | Annual average<br>2019                                   | Rate at end of month                                     |                                                          |                                                          |
|--------------------------------------------------------|-----------------------------------------------|--------------------------------|----------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
|                                                        |                                               |                                |                                              |                                                          | September 2020                                           | October 2020                                             | November 2020                                            |
| Belgium                                                |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Brussels<br>017                                        | Euro<br>= 100 cent<br><br>EUR                 | M                              | EUR 1 =                                      | USD 1.1195                                               | USD 1.1708                                               | USD 1.1698                                               | USD 1.1980                                               |
| Belize                                                 |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Belmopan<br>421                                        | 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 2.2193<br>BZD 2.2585 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.3243<br>BZD 2.3653 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.3156<br>BZD 2.3564 | BZD 1.9825<br>BZD 2.0175<br><br>BZD 2.3602<br>BZD 2.4018 |
| Benin <sup>1</sup>                                     |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Porto-Novo<br>Seat of<br>government:<br>Cotonou<br>284 | CFA franc<br><br><br>XOF                      | V<br><br>3                     | USD 1 =<br><br>EUR 1 =                       | XOF 585.937<br><br>XOF 655.957                           | XOF 560.264<br><br>XOF 655.957                           | XOF 560.743<br><br>XOF 655.957                           | XOF 547.543<br><br>XOF 655.957                           |
| Bermuda                                                |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Hamilton<br>413                                        | 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 1.1150<br>BMD 1.1243 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1661<br>BMD 1.1758 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1651<br>BMD 1.1748 | BMD 0.9960<br>BMD 1.0043<br><br>BMD 1.1932<br>BMD 1.2032 |
| Bhutan <sup>1</sup>                                    |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Thimphu<br>675                                         | 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 69.42<br>BTN 71.58<br><br>BTN 77.58<br>BTN 79.73     | BTN 72.70<br>BTN 75.00<br><br>BTN 84.95<br>BTN 87.30     | BTN 73.25<br>BTN 75.50<br><br>BTN 85.80<br>BTN 88.20     | BTN 72.80<br>BTN 75.10<br><br>BTN 86.80<br>BTN 89.20     |
| Bolivia, Plurinational State of                        |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Sucre<br>Seat of<br>government:<br>La Paz<br>516       | Boliviano<br>= 100 centavos<br><br>BOB        | B<br>S<br><br>V, B<br>V, S     | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | BOB 6.86<br>BOB 6.96<br><br>BOB 7.6777<br>BOB 7.7896     | BOB 6.86<br>BOB 6.96<br><br>BOB 8.0317<br>BOB 8.1488     | BOB 6.86<br>BOB 6.96<br><br>BOB 8.0248<br>BOB 8.1418     | BOB 6.86<br>BOB 6.96<br><br>BOB 8.2183<br>BOB 8.3381     |
| Bosnia and Herzegovina                                 |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Sarajevo<br>093                                        | Convertible marka<br>= 100 feninga<br><br>BAM | B<br>S<br><br>3                | USD 1 =<br>USD 1 =<br><br>EUR 1 =            | BAM 1.745661<br>BAM 1.754412<br><br>BAM 1.95583          | BAM 1.667186<br>BAM 1.675542<br><br>BAM 1.95583          | BAM 1.666900<br>BAM 1.675256<br><br>BAM 1.95583          | BAM 1.636421<br>BAM 1.644623<br><br>BAM 1.95583          |
| Botswana                                               |                                               |                                |                                              |                                                          |                                                          |                                                          |                                                          |
| Gaborone<br>391                                        | 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 0.0932<br>USD 0.0930<br><br>EUR 0.0832<br>EUR 0.0830 | USD 0.0861<br>USD 0.0859<br><br>EUR 0.0736<br>EUR 0.0734 | USD 0.0878<br>USD 0.0876<br><br>EUR 0.0751<br>EUR 0.0749 | USD 0.0904<br>USD 0.0902<br><br>EUR 0.0755<br>EUR 0.0753 |

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<br>Country code | Currency<br>ISO currency code       | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |                |                |
|-------------------------------------------------|-------------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                                 |                                     |                 |         |                        | September 2020       | October 2020   | November 2020  |
| Brazil                                          |                                     |                 |         |                        |                      |                |                |
| Brasília<br>508                                 | Brazilian real<br>= 100 centavos    | B               | USD 1 = | BRL 3.9450             | BRL 5.6401           | BRL 5.7712     | BRL 5.3311     |
|                                                 |                                     | S               | USD 1 = | BRL 3.9456             | BRL 5.6407           | BRL 5.7718     | BRL 5.3317     |
|                                                 | BRL                                 | B               | EUR 1 = | BRL 4.4095             | BRL 6.6102           | BRL 6.7211     | BRL 6.3771     |
|                                                 |                                     | S               | EUR 1 = | BRL 4.4114             | BRL 6.6132           | BRL 6.7241     | BRL 6.3799     |
| Brunei Darussalam <sup>1</sup>                  |                                     |                 |         |                        |                      |                |                |
| Bandar Seri<br>Begawan<br>703                   | Brunei dollar<br>= 100 cents        | B               | USD 1 = | BND 1.3544             | BND 1.3586           | BND 1.3574     | BND 1.3282     |
|                                                 |                                     | S               | USD 1 = | BND 1.3727             | BND 1.3774           | BND 1.3759     | BND 1.3467     |
|                                                 | BND                                 | B               | EUR 1 = | BND 1.4998             | BND 1.5792           | BND 1.5684     | BND 1.5734     |
|                                                 |                                     | S               | EUR 1 = | BND 1.5546             | BND 1.6357           | BND 1.6241     | BND 1.6295     |
| Bulgaria                                        |                                     |                 |         |                        |                      |                |                |
| Sofia<br>068                                    | Bulgarian lev<br>= 100 stotinkas    | M               | USD 1 = | BGN 1.74707            | BGN 1.67051          | BGN 1.67194    | BGN 1.63258    |
|                                                 |                                     | 2               | EUR 1 = | BGN 1.95583            | BGN 1.95583          | BGN 1.95583    | BGN 1.95583    |
|                                                 | BGN                                 |                 |         |                        |                      |                |                |
| Burkina Faso <sup>1</sup>                       |                                     |                 |         |                        |                      |                |                |
| Ouagadougou<br>236                              | CFA franc                           | V               | USD 1 = | XOF 585.937            | XOF 560.264          | XOF 560.743    | XOF 547.543    |
|                                                 | XOF                                 | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957    | XOF 655.957    |
| Burundi                                         |                                     |                 |         |                        |                      |                |                |
| Gitega<br>328                                   | Burundi franc<br>= 100 centimes     | B               | USD 1 = | BIF 1,830.0200         | BIF 1,912.2840       | BIF 1,917.1746 | BIF 1,921.9860 |
|                                                 |                                     | S               | USD 1 = | BIF 1,866.9901         | BIF 1,950.9160       | BIF 1,955.9054 | BIF 1,960.8140 |
|                                                 | BIF                                 | B               | EUR 1 = | BIF 2,048.8141         | BIF 2,243.6828       | BIF 2,238.8765 | BIF 2,301.4821 |
|                                                 |                                     | S               | EUR 1 = | BIF 2,090.2042         | BIF 2,289.0098       | BIF 2,284.1063 | BIF 2,347.9767 |
| Cabo Verde                                      |                                     |                 |         |                        |                      |                |                |
| Praia<br>247                                    | Cabo Verde escudo<br>= 100 centavos | B               | USD 1 = | CVE 98.564             | CVE 94.12648         | CVE 94.11038   | CVE 92.38768   |
|                                                 |                                     | S               | USD 1 = | CVE 98.766             | CVE 94.32848         | CVE 94.31238   | CVE 92.58968   |
|                                                 | CVE                                 | 2               | EUR 1 = | CVE 110.265            | CVE 110.265          | CVE 110.265    | CVE 110.265    |
| Cambodia                                        |                                     |                 |         |                        |                      |                |                |
| Phnom Penh<br>696                               | Riel<br>= 100 sen                   | M               | USD 1 = | KHR 4,055              | KHR 4,100            | KHR 4,060      | KHR 4,048      |
|                                                 |                                     | B               | EUR 1 = | KHR 4,538              | KHR 4,815            | KHR 4,780      | KHR 4,844      |
|                                                 | KHR                                 | S               | EUR 1 = | KHR 4,583              | KHR 4,864            | KHR 4,828      | KHR 4,893      |
| Cameroon <sup>1</sup>                           |                                     |                 |         |                        |                      |                |                |
| Yaoundé<br>302                                  | CFA franc                           | V               | USD 1 = | XAF 585.937            | XAF 560.264          | XAF 560.743    | XAF 547.543    |
|                                                 | XAF                                 | 2               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957    | XAF 655.957    |
| Canada                                          |                                     |                 |         |                        |                      |                |                |
| Ottawa<br>404                                   | Canadian dollar<br>= 100 cents      | M               | USD 1 = | CAD 1.3269             | CAD 1.3339           | CAD 1.3318     | CAD 1.2965     |
|                                                 |                                     | M               | EUR 1 = | CAD 1.4807             | CAD 1.5631           | CAD 1.5533     | CAD 1.5509     |

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<br>Country code | Currency<br>ISO currency code                                                           | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |               |               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                                 |                                                                                         |                 |         |                        | September 2020       | October 2020  | November 2020 |
| Cayman Islands                                  |                                                                                         |                 |         |                        |                      |               |               |
| George Town<br>463                              | Cayman Islands dollar<br>= 100 cents<br><br>KYD                                         | <b>2</b>        | KYD 1 = | USD 1.20               | USD 1.20             | USD 1.20      | USD 1.20      |
|                                                 |                                                                                         | V               | EUR 1 = | KYD 0.9329             | KYD 0.9757           | KYD 0.9748    | KYD 0.9983    |
| Central African Republic <sup>1</sup>           |                                                                                         |                 |         |                        |                      |               |               |
| Bangui<br>306                                   | CFA franc<br><br>XAF                                                                    | V               | USD 1 = | XAF 585.937            | XAF 560.264          | XAF 560.743   | XAF 547.543   |
|                                                 |                                                                                         | <b>3</b>        | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957   | XAF 655.957   |
| Chad <sup>1</sup>                               |                                                                                         |                 |         |                        |                      |               |               |
| N'Djaména<br>244                                | CFA franc<br><br>XAF                                                                    | V               | USD 1 = | XAF 585.937            | XAF 560.264          | XAF 560.743   | XAF 547.543   |
|                                                 |                                                                                         | <b>3</b>        | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957   | XAF 655.957   |
| Chile                                           |                                                                                         |                 |         |                        |                      |               |               |
| Santiago<br>512                                 | Chilean peso<br>= 100 centavos<br><br>CLP                                               | M               | USD 1 = | CLP 704.01             | CLP 784.46           | CLP 770.45    | CLP 766.69    |
|                                                 |                                                                                         | M               | EUR 1 = | CLP 787.30             | CLP 920.73           | CLP 897.65    | CLP 916.33    |
| China                                           |                                                                                         |                 |         |                        |                      |               |               |
| Beijing<br>720                                  | Chinese renminbi <sup>4</sup><br>1 yuan (renminbi)<br>= 10 jiao<br>= 100 fen<br><br>CNY | M               | USD 1 = | CNY 6.8999             | CNY 6.8101           | CNY 6.7232    | CNY 6.5782    |
|                                                 |                                                                                         | M               | EUR 1 = | CNY 7.7181             | CNY 7.9941           | CNY 7.8463    | CNY 7.8719    |
|                                                 |                                                                                         | M               | HKD 1 = | CNY 0.87996            | CNY 0.87872          | CNY 0.86722   | CNY 0.84867   |
|                                                 |                                                                                         |                 |         |                        |                      |               |               |
| China (Taiwan)                                  |                                                                                         |                 |         |                        |                      |               |               |
| Taipei<br>736                                   | New Taiwan dollar<br>= 100 cents<br><br>TWD                                             | B               | USD 1 = | TWD 30.830             | TWD 29.050           | TWD 28.840    | TWD 28.760    |
|                                                 |                                                                                         | S               | USD 1 = | TWD 30.930             | TWD 29.150           | TWD 28.940    | TWD 28.860    |
|                                                 |                                                                                         | B               | EUR 1 = | TWD 34.40              | TWD 33.95            | TWD 33.55     | TWD 34.29     |
|                                                 |                                                                                         | S               | EUR 1 = | TWD 34.80              | TWD 34.35            | TWD 33.95     | TWD 34.69     |
| Colombia                                        |                                                                                         |                 |         |                        |                      |               |               |
| Bogotá<br>480                                   | Colombian peso<br>= 100 centavos<br><br>COP                                             | M               | USD 1 = | COP 3,285.734          | COP 3,878.94         | COP 3,849.53  | COP 3,611.44  |
|                                                 |                                                                                         | V, M            | EUR 1 = | COP 3,675.671          | COP 4,541.463        | COP 4,503.180 | COP 4,326.505 |
| Comoros                                         |                                                                                         |                 |         |                        |                      |               |               |
| Moroni<br>375                                   | Comorian franc<br>= 100 centimes<br><br>KMF                                             | V               | USD 1 = | KMF 439.45310          | KMF 420.19794        | KMF 420.55715 | KMF 410.65755 |
|                                                 |                                                                                         | <b>3</b>        | EUR 1 = | KMF 491.96775          | KMF 491.96775        | KMF 491.96775 | KMF 491.96775 |
| Congo <sup>1</sup>                              |                                                                                         |                 |         |                        |                      |               |               |
| Brazzaville<br>318                              | CFA franc<br><br>XAF                                                                    | V               | USD 1 = | XAF 585.937            | XAF 560.264          | XAF 560.743   | XAF 547.543   |
|                                                 |                                                                                         | <b>3</b>        | 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<br>Country code          | Currency<br>ISO currency code                     | Type of<br>rate | Unit                   | Annual average<br>2019           | Rate at end of month             |                                  |                                  |
|----------------------------------------------------------|---------------------------------------------------|-----------------|------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|                                                          |                                                   |                 |                        |                                  | September 2020                   | October 2020                     | November 2020                    |
| Congo, Democratic Republic of the                        |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Kinshasa<br>322                                          | Congo franc<br>= 100 centimes                     | B<br>S          | USD 1 =<br>USD 1 =     | CDF 1,615.5594<br>CDF 1,681.6740 | CDF 1,921.7338<br>CDF 2,000.1719 | CDF 1,925.5039<br>CDF 2,004.0959 | CDF 1,926.3176<br>CDF 2,004.9428 |
|                                                          | CDF                                               | B<br>S          | EUR 1 =<br>EUR 1 =     | CDF 1,811.0131<br>CDF 1,884.9217 | CDF 2,249.9907<br>CDF 2,341.8270 | CDF 2,257.6800<br>CDF 2,349.8302 | CDF 2,287.4726<br>CDF 2,380.8389 |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Cook Islands <sup>1</sup>                                |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Avarua<br>837                                            | Cook Islands dollar <sup>2</sup><br>= 100 cents   | B<br>S          | NZD 1 =<br>NZD 1 =     | EUR 0.6042<br>EUR 0.5779         | EUR 0.5723<br>EUR 0.5508         | EUR 0.5785<br>EUR 0.5568         | EUR 0.5988<br>EUR 0.5763         |
|                                                          | NZD                                               |                 |                        |                                  |                                  |                                  |                                  |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Costa Rica                                               |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| San José<br>436                                          | Costa Rican colón<br>= 100 céntimos               | B<br>S          | USD 1 =<br>USD 1 =     | CRC 582.03<br>CRC 588.40         | CRC 600.45<br>CRC 606.68         | CRC 604.74<br>CRC 612.92         | CRC 600.18<br>CRC 608.79         |
|                                                          | CRC                                               | V, B<br>V, S    | EUR 1 =<br>EUR 1 =     | CRC 651.7240<br>CRC 658.8577     | CRC 703.0069<br>CRC 710.3009     | CRC 707.4249<br>CRC 716.9938     | CRC 719.0156<br>CRC 729.3304     |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Côte d'Ivoire <sup>1</sup>                               |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Yamoussoukro<br>Seat of<br>government:<br>Abidjan<br>272 | CFA franc                                         | V               | USD 1 =                | XOF 585.937                      | XOF 560.264                      | XOF 560.743                      | XOF 547.543                      |
|                                                          |                                                   | 3               | EUR 1 =                | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      | XOF 655.957                      |
|                                                          | XOF                                               |                 |                        |                                  |                                  |                                  |                                  |
| Croatia                                                  |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Zagreb<br>092                                            | Kuna<br>= 100 lipa                                | B<br>S          | USD 1 =<br>USD 1 =     | HRK 6.601452<br>HRK 6.641180     | HRK 6.433630<br>HRK 6.472348     | HRK 6.464714<br>HRK 6.503618     | HRK 6.315897<br>HRK 6.353907     |
|                                                          | HRK                                               | B<br>S          | EUR 1 =<br>EUR 1 =     | HRK 7.394331<br>HRK 7.438830     | HRK 7.521556<br>HRK 7.566822     | HRK 7.545613<br>HRK 7.591023     | HRK 7.529181<br>HRK 7.574493     |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Cuba <sup>1</sup>                                        |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Havana<br>448                                            | Convertible peso/<br>Cuban peso<br>= 100 centavos | 4 B<br>4 S      | CUC 1 =<br>CUC 1 =     | USD 1.01009<br>USD 0.99010       | USD 1.01009<br>USD 0.99010       | USD 1.01009<br>USD 0.99010       | USD 1.01009<br>USD 0.99010       |
|                                                          | CUC/CUP                                           | B<br>S          | EUR 1 =<br>EUR 1 =     | CUC 1.10740<br>CUC 1.12978       | CUC 1.16032<br>CUC 1.18378       | CUC 1.15399<br>CUC 1.17731       | CUC 1.18339<br>CUC 1.20731       |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Curaçao                                                  |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Willemstad<br>477                                        | 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 199.40<br>ANG 203.42         | ANG 208.53<br>ANG 212.73         | ANG 207.88<br>ANG 212.07         | ANG 213.55<br>ANG 217.85         |
|                                                          |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Cyprus                                                   |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Nicosia<br>600                                           | Euro<br>= 100 cent                                | M               | EUR 1 =                | USD 1.1195                       | USD 1.1708                       | USD 1.1698                       | USD 1.1980                       |
|                                                          | EUR                                               |                 |                        |                                  |                                  |                                  |                                  |
| Czechia                                                  |                                                   |                 |                        |                                  |                                  |                                  |                                  |
| Prague<br>061                                            | Czech koruna<br>= 100 heller                      | M               | USD 1 =                | CZK 22.934                       | CZK 23.239                       | CZK 23.296                       | CZK 21.861                       |
|                                                          | CZK                                               | M               | EUR 1 =                | CZK 25.659                       | CZK 27.210                       | CZK 27.250                       | CZK 26.190                       |

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<br>Country code | Currency<br>ISO currency code                        | Type of<br>rate | Unit        | Annual average<br>2019 | Rate at end of month |              |               |
|-------------------------------------------------|------------------------------------------------------|-----------------|-------------|------------------------|----------------------|--------------|---------------|
|                                                 |                                                      |                 |             |                        | September 2020       | October 2020 | November 2020 |
| Denmark                                         |                                                      |                 |             |                        |                      |              |               |
| Copenhagen<br>008                               | Danish krone<br>= 100 øre                            | M               | USD 100 =   | DKK 667.03             | DKK 635.99           | DKK 636.57   | DKK 621.14    |
|                                                 |                                                      | M               | EUR 100 =   | DKK 746.59             | DKK 744.62           | DKK 744.66   | DKK 744.12    |
|                                                 | DKK                                                  |                 |             |                        |                      |              |               |
| Djibouti                                        |                                                      |                 |             |                        |                      |              |               |
| Djibouti<br>338                                 | Djibouti franc<br>= 100 centimes                     | 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   |
|                                                 | DJF                                                  | B               | EUR 1 =     | DJF 196.37             | DJF 205.92           | DJF 206.86 v | DJF 211.84 v  |
| S                                               |                                                      | EUR 1 =         | DJF 203.98  | DJF 213.95             | DJF 209.98 v         | DJF 215.04 v |               |
| Dominica                                        |                                                      |                 |             |                        |                      |              |               |
| Roseau<br>460                                   | 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 3.0094             | XCD 3.1473           | XCD 3.1447   | XCD 3.2205    |
| V, S                                            |                                                      | EUR 1 =         | XCD 3.0416  | XCD 3.1809             | XCD 3.1782           | XCD 3.2548   |               |
| Dominican Republic                              |                                                      |                 |             |                        |                      |              |               |
| Santo Domingo<br>456                            | Dominican peso<br>= 100 centavos                     | B               | USD 1 =     | DOP 50.9676            | DOP 57.7147          | DOP 57.6773  | DOP 57.6727   |
|                                                 |                                                      | S               | USD 1 =     | DOP 51.4344            | DOP 58.4850          | DOP 58.4922  | DOP 58.4521   |
|                                                 | DOP                                                  | B               | EUR 1 =     | DOP 56.4612            | DOP 67.2306          | DOP 67.3725  | DOP 67.9382   |
| S                                               |                                                      | EUR 1 =         | DOP 59.8316 | DOP 70.5558            | DOP 70.6592          | DOP 71.2741  |               |
| Egypt                                           |                                                      |                 |             |                        |                      |              |               |
| Cairo<br>220                                    | Egyptian pound<br>= 100 piastres<br>= 1,000 milliems | B               | USD 1 =     | EGP 16.7300            | EGP 15.70            | EGP 15.65    | EGP 15.59     |
|                                                 |                                                      | S               | USD 1 =     | EGP 16.8300            | EGP 15.80            | EGP 15.75    | EGP 15.69     |
|                                                 | EGP                                                  | B               | EUR 1 =     | EGP 18.7034            | EGP 18.3470          | EGP 18.2338  | EGP 18.6394   |
| S                                               |                                                      | EUR 1 =         | EGP 18.8934 | EGP 18.5729            | EGP 18.5189          | EGP 18.8327  |               |
| El Salvador <sup>1</sup>                        |                                                      |                 |             |                        |                      |              |               |
| San Salvador<br>428                             | El Salvador colón<br>= 100 centavos                  | 2               | USD 1 =     | SVC 8.75               | SVC 8.75             | SVC 8.75     | SVC 8.75      |
|                                                 |                                                      | V, B / S        | EUR 1 =     | SVC 9.7956             | SVC 10.2445          | SVC 10.2358  | SVC 10.4825   |
|                                                 | SVC                                                  |                 |             |                        |                      |              |               |
| Equatorial Guinea <sup>1</sup>                  |                                                      |                 |             |                        |                      |              |               |
| Malabo<br>310                                   | CFA franc                                            | V               | USD 1 =     | XAF 585.937            | XAF 560.264          | XAF 560.743  | XAF 547.543   |
|                                                 | XAF                                                  | 3               | EUR 1 =     | XAF 655.957            | XAF 655.957          | XAF 655.957  | XAF 655.957   |
| Eritrea                                         |                                                      |                 |             |                        |                      |              |               |
| Asmara<br>336                                   | Nakfa<br>= 100 cents                                 | 2 B             | USD 1 =     | ERN 15.00              | ERN 15.00            | ERN 15.00    | ERN 15.00     |
|                                                 |                                                      | 2 S             | USD 1 =     | ERN 15.15              | ERN 15.15            | ERN 15.15    | ERN 15.15     |
|                                                 | ERN                                                  | B               | EUR 1 =     | ERN 16.7610            | ERN 17.4900          | ERN 17.5560  | ERN 17.8530   |
| S                                               |                                                      | EUR 1 =         | ERN 17.3972 | ERN 18.1262            | ERN 18.1922          | ERN 18.4892  |               |
| Estonia                                         |                                                      |                 |             |                        |                      |              |               |
| Tallinn<br>053                                  | Euro<br>= 100 cent                                   | M               | EUR 1 =     | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                 | EUR                                                  |                 |             |                        |                      |              |               |

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<br>Country code | Currency<br>ISO currency code       | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |              |               |
|-------------------------------------------------|-------------------------------------|-----------------|---------|------------------------|----------------------|--------------|---------------|
|                                                 |                                     |                 |         |                        | September 2020       | October 2020 | November 2020 |
| Ethiopia                                        |                                     |                 |         |                        |                      |              |               |
| Addis Ababa<br>334                              | Birr                                | B               | USD 1 = | ETB 29.2198            | ETB 36.7488          | ETB 37.5468  | ETB 38.0516   |
|                                                 | = 100 cents                         | S               | USD 1 = | ETB 29.8042            | ETB 37.4838          | ETB 38.2977  | ETB 38.8126   |
|                                                 | ETB                                 | B               | EUR 1 = | ETB 32.6752            | ETB 42.9961          | ETB 44.0612  | ETB 45.3727   |
|                                                 |                                     | S               | EUR 1 = | ETB 33.3287            | ETB 43.8560          | ETB 44.9424  | ETB 46.2802   |
| Eswatini <sup>1</sup>                           |                                     |                 |         |                        |                      |              |               |
| Mbabane<br>393                                  | Lilangeni                           | B               | USD 1 = | SZL 14.4713            | SZL 16.9691          | SZL 16.3998  | SZL 15.1798   |
|                                                 | = 100 cents                         | S               | USD 1 = | SZL 14.4789            | SZL 16.9794          | SZL 16.4115  | SZL 15.3028   |
|                                                 | SZL                                 | B               | EUR 1 = | SZL 16.19020           | SZL 19.9143          | SZL 19.1494  | SZL 18.2043   |
|                                                 |                                     | S               | EUR 1 = | SZL 16.20051           | SZL 19.9270          | SZL 19.1652  | SZL 18.3127   |
| Falkland Islands (Islas Malvinas)               |                                     |                 |         |                        |                      |              |               |
| Stanley<br>529                                  | Falkland Islands pound <sup>2</sup> | V               | USD 1 = | FKP 0.78407            | FKP 0.77925          | FKP 0.77114  | FKP 0.74996   |
|                                                 | = 100 pence                         | V               | EUR 1 = | FKP 0.87777            | FKP 0.91235          | FKP 0.90208  | FKP 0.89845   |
|                                                 | FKP                                 |                 |         |                        |                      |              |               |
| Fiji                                            |                                     |                 |         |                        |                      |              |               |
| Suva<br>815                                     | Fiji dollar                         | B               | FJD 1 = | USD 0.4715             | USD 0.4768           | USD 0.4754   | USD 0.4896    |
|                                                 | = 100 cents                         | S               | FJD 1 = | USD 0.4545             | USD 0.4598           | USD 0.4584   | USD 0.4726    |
|                                                 | FJD                                 | B               | FJD 1 = | EUR 0.4194             | EUR 0.4043           | EUR 0.4055   | EUR 0.4078    |
|                                                 |                                     | S               | FJD 1 = | EUR 0.4074             | EUR 0.3923           | EUR 0.3935   | EUR 0.3958    |
| Finland                                         |                                     |                 |         |                        |                      |              |               |
| Helsinki<br>032                                 | Euro                                | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                 | = 100 cent                          |                 |         |                        |                      |              |               |
|                                                 | EUR                                 |                 |         |                        |                      |              |               |
| France                                          |                                     |                 |         |                        |                      |              |               |
| Paris<br>001                                    | Euro                                | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                 | = 100 cent                          |                 |         |                        |                      |              |               |
|                                                 | EUR                                 |                 |         |                        |                      |              |               |
| Gabon <sup>1</sup>                              |                                     |                 |         |                        |                      |              |               |
| Libreville<br>314                               | CFA franc                           | V               | USD 1 = | XAF 585.937            | XAF 560.264          | XAF 560.743  | XAF 547.543   |
|                                                 | XAF                                 | 3               | EUR 1 = | XAF 655.957            | XAF 655.957          | XAF 655.957  | XAF 655.957   |
|                                                 |                                     |                 |         |                        |                      |              |               |
| Gambia                                          |                                     |                 |         |                        |                      |              |               |
| Banjul<br>252                                   | Dalasi                              | M               | USD 1 = | GMD 50.10              | GMD 51.78            | GMD 51.81    | GMD 51.80     |
|                                                 | = 100 bututs                        | M               | EUR 1 = | GMD 56.49              | GMD 59.77            | GMD 60.17    | GMD 60.33     |
|                                                 | GMD                                 |                 |         |                        |                      |              |               |
| Georgia                                         |                                     |                 |         |                        |                      |              |               |
| Tbilisi<br>076                                  | Lari                                | M               | USD 1 = | GEL 2.8241             | GEL 3.2878           | GEL 3.2327   | GEL 3.3164    |
|                                                 | = 100 tetri                         | M               | EUR 1 = | GEL 3.1620             | GEL 3.8415           | GEL 3.7732   | GEL 3.9545    |
|                                                 | 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<br>Country code | Currency<br>ISO currency code                          | Type of<br>rate                                      | Unit                                         | Annual average<br>2019                                   | Rate at end of month                                     |                                                          |                                                          |
|-------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|----------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
|                                                 |                                                        |                                                      |                                              |                                                          | September 2020                                           | October 2020                                             | November 2020                                            |
| Germany                                         |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Berlin<br>004                                   | Euro<br>= 100 cent<br><br>EUR                          | M                                                    | EUR 1 =                                      | USD 1.1195                                               | USD 1.1708                                               | USD 1.1698                                               | USD 1.1980                                               |
| Ghana                                           |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Accra<br>276                                    | Ghana cedi<br>= 100 Ghana pesewas<br><br>GHS           | B<br>S<br><br>B<br>S                                 | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | GHS 5.2480<br>GHS 5.2532<br><br>GHS 5.8682<br>GHS 5.8727 | GHS 5.6998<br>GHS 5.7056<br><br>GHS 6.6756<br>GHS 6.6816 | GHS 5.7071<br>GHS 5.7129<br><br>GHS 6.6667<br>GHS 6.6738 | GHS 5.7110<br>GHS 5.7168<br><br>GHS 6.8525<br>GHS 6.8593 |
| Gibraltar                                       |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Gibraltar<br>044                                | Gibraltar pound <sup>2</sup><br>= 100 pence<br><br>GIP | V<br><br>V                                           | USD 1 =<br><br>EUR 1 =                       | GIP 0.78407<br><br>GIP 0.87777                           | GIP 0.77925<br><br>GIP 0.91235                           | GIP 0.77114<br><br>GIP 0.90208                           | GIP 0.74996<br><br>GIP 0.89845                           |
| Greece                                          |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Athens<br>009                                   | Euro<br>= 100 cent<br><br>EUR                          | M                                                    | EUR 1 =                                      | USD 1.1195                                               | USD 1.1708                                               | USD 1.1698                                               | USD 1.1980                                               |
| Grenada                                         |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| St George's<br>473                              | East Caribbean dollar<br>= 100 cents<br><br>XCD        | <sup>3</sup> B<br><sup>3</sup> S<br><br>V, B<br>V, S | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | XCD 2.6882<br>XCD 2.7169<br><br>XCD 3.0094<br>XCD 3.0416 | XCD 2.6882<br>XCD 2.7169<br><br>XCD 3.1473<br>XCD 3.1809 | XCD 2.6882<br>XCD 2.7169<br><br>XCD 3.1447<br>XCD 3.1782 | XCD 2.6882<br>XCD 2.7169<br><br>XCD 3.2205<br>XCD 3.2548 |
| Guatemala                                       |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Guatemala City<br>416                           | Quetzal<br>= 100 centavos<br><br>GTQ                   | M<br><br>V, M                                        | USD 1 =<br><br>EUR 1 =                       | GTQ 7.70380<br><br>GTQ 8.62411                           | GTQ 7.78602<br><br>GTQ 9.11587                           | GTQ 7.79595<br><br>GTQ 9.11970                           | GTQ 7.81405<br><br>GTQ 9.36123                           |
| Guinea                                          |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Conakry<br>260                                  | Guinean franc<br><br>GNF                               | M<br><br>M                                           | USD 1 =<br><br>EUR 1 =                       | GNF 9,192.6286<br><br>GNF 10,296.1706                    | GNF 9,737.3387<br><br>GNF 11,394.6347                    | GNF 9,750.0000<br><br>GNF 11,411.4043                    | GNF 9,837.3510<br><br>GNF 11,696.6078                    |
| Guinea-Bissau <sup>1</sup>                      |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Bissau<br>257                                   | CFA franc<br><br>XOF                                   | V<br><br>4                                           | USD 1 =<br><br>EUR 1 =                       | XOF 585.937<br><br>XOF 655.957                           | XOF 560.264<br><br>XOF 655.957                           | XOF 560.743<br><br>XOF 655.957                           | XOF 547.543<br><br>XOF 655.957                           |
| Guyana                                          |                                                        |                                                      |                                              |                                                          |                                                          |                                                          |                                                          |
| Georgetown<br>488                               | Guyana dollar<br>= 100 cents<br><br>GYD                | B<br>S<br><br>B<br>S                                 | USD 1 =<br>USD 1 =<br><br>EUR 1 =<br>EUR 1 = | GYD 207.98<br>GYD 210.45<br><br>GYD 232.73<br>GYD 235.71 | GYD 207.98<br>GYD 210.45<br><br>GYD 243.36<br>GYD 246.46 | GYD 207.98<br>GYD 210.45<br><br>GYD 242.54<br>GYD 245.64 | GYD 207.98<br>GYD 210.45<br><br>GYD 249.16<br>GYD 252.12 |

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<br>Country code | Currency<br>ISO currency code               | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |               |               |
|-------------------------------------------------|---------------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                                 |                                             |                 |         |                        | September 2020       | October 2020  | November 2020 |
| Haiti                                           |                                             |                 |         |                        |                      |               |               |
| Port-au-Prince<br>452                           | Gourde<br>= 100 centimes<br><br>HTG         | M               | USD 1 = | HTG 89.3946            | HTG 67.3494          | HTG 63.3625   | HTG 65.8614   |
|                                                 |                                             | V, M            | EUR 1 = | HTG 100.0195           | HTG 78.8527          | HTG 74.1215   | HTG 78.9020   |
| Honduras                                        |                                             |                 |         |                        |                      |               |               |
| Tegucigalpa<br>424                              | Lempira<br>= 100 centavos                   | B               | USD 1 = | HNL 24.5217            | HNL 24.4482          | HNL 24.3273   | HNL 24.2158   |
|                                                 |                                             | S               | USD 1 = | HNL 24.6934            | HNL 24.6193          | HNL 24.4976   | HNL 24.3853   |
|                                                 | HNL                                         | V, B            | EUR 1 = | HNL 27.4496            | HNL 28.6240          | HNL 28.4581   | HNL 29.0105   |
|                                                 |                                             | V, S            | EUR 1 = | HNL 27.6418            | HNL 28.8243          | HNL 28.6573   | HNL 29.2136   |
| Hong Kong                                       |                                             |                 |         |                        |                      |               |               |
| Hong Kong<br>740                                | Hong Kong dollar<br>= 100 cents             | B               | USD 1 = | HKD 7.80686            | HKD 7.71890          | HKD 7.72190   | HKD 7.72020   |
|                                                 |                                             | S               | USD 1 = | HKD 7.86088            | HKD 7.78130          | HKD 7.78430   | HKD 7.78200   |
|                                                 | HKD                                         | B               | EUR 1 = | HKD 8.70052            | HKD 8.98100          | HKD 8.95420   | HKD 9.21590   |
|                                                 |                                             | S               | EUR 1 = | HKD 8.82890            | HKD 9.16790          | HKD 9.14110   | HKD 9.35950   |
| Hungary                                         |                                             |                 |         |                        |                      |               |               |
| Budapest<br>064                                 | Hungarian forint<br>= 100 fillér<br><br>HUF | M               | USD 1 = | HUF 290.65             | HUF 311.40           | HUF 315.04    | HUF 300.45    |
|                                                 |                                             | M               | EUR 1 = | HUF 326.03             | HUF 364.65           | HUF 367.75    | HUF 360.09    |
| Iceland                                         |                                             |                 |         |                        |                      |               |               |
| Reykjavik<br>024                                | Icelandic krona<br><br>ISK                  | M               | USD 1 = | ISK 122.437            | ISK 138.54           | ISK 140.56    | ISK 132.70    |
|                                                 |                                             | M               | EUR 1 = | ISK 136.860            | ISK 162.20           | ISK 164.33    | ISK 159.00    |
| India <sup>1</sup>                              |                                             |                 |         |                        |                      |               |               |
| New Delhi<br>664                                | Indian rupee<br>= 100 paise<br><br>INR      | M               | USD 1 = | INR 70.4119            | INR 73.7978          | INR 73.9732   | INR 73.7983   |
|                                                 |                                             | M               | EUR 1 = | INR 78.8192            | INR 86.5688          | INR 86.9654   | INR 88.0222   |
| Indonesia                                       |                                             |                 |         |                        |                      |               |               |
| Jakarta<br>700                                  | Indonesian rupiah<br>= 100 sen              | B               | USD 1 = | IDR 14,070.79          | IDR 14,843.41        | IDR 14,616.55 | IDR 14,057.36 |
|                                                 |                                             | S               | USD 1 = | IDR 14,212.13          | IDR 14,992.59        | IDR 14,763.45 | IDR 14,198.64 |
|                                                 | IDR                                         | B               | EUR 1 = | IDR 15,736.06          | IDR 17,436.55        | IDR 17,279.69 | IDR 16,825.25 |
|                                                 |                                             | S               | EUR 1 = | IDR 15,897.25          | IDR 17,617.79        | IDR 17,459.26 | IDR 17,000.03 |
| Iran, Islamic Republic of <sup>1</sup>          |                                             |                 |         |                        |                      |               |               |
| Tehran<br>616                                   | Iranian rial<br>= 100 dinars<br><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 47,002             | IRR 49,274           | IRR 48,998    | IRR 50,258    |
|                                                 |                                             | <sup>3</sup> M  | USD 1 = | IRR 127,350            | IRR 294,800          | IRR 268,000   | IRR 255,500   |
|                                                 |                                             | <sup>3</sup> M  | EUR 1 = | IRR 142,808            | IRR 345,800          | IRR 312,950   | IRR 306,100   |

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<br>Country code | Currency<br>ISO currency code         | Type of<br>rate | Unit         | Annual average<br>2019 | Rate at end of month |               |               |
|-------------------------------------------------|---------------------------------------|-----------------|--------------|------------------------|----------------------|---------------|---------------|
|                                                 |                                       |                 |              |                        | September 2020       | October 2020  | November 2020 |
| Iraq <sup>1</sup>                               |                                       |                 |              |                        |                      |               |               |
| Baghdad<br>612                                  | Iraqi dinar<br>= 1,000 fils           | <sup>2</sup> B  | USD 1 =      | IQD 1,182.00           | IQD 1,182.00         | IQD 1,182.00  | IQD 1,182.00  |
|                                                 |                                       | <sup>2</sup> S  | USD 1 =      | IQD 1,190.00           | IQD 1,190.00         | IQD 1,190.00  | IQD 1,190.00  |
|                                                 |                                       | B               | EUR 1 =      | IQD 1,322.806          | IQD 1,383.176        | IQD 1,398.542 | IQD 1,405.398 |
|                                                 |                                       | S               | EUR 1 =      | IQD 1,331.759          | IQD 1,392.538        | IQD 1,408.008 | IQD 1,414.910 |
|                                                 | <sup>3</sup> S                        | USD 1 =         | IQD 1,195.91 | IQD 1,235.187          | IQD 1,248.441        | IQD 1,249.689 |               |
|                                                 | IQD                                   | V, S            | EUR 1 =      | IQD 1,338.75           | IQD 1,446.16         | IQD 1,460.43  | IQD 1,497.13  |
| Ireland                                         |                                       |                 |              |                        |                      |               |               |
| Dublin<br>007                                   | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =      | USD 1.1195             | USD 1.1708           | USD 1.1698    | USD 1.1980    |
| Israel                                          |                                       |                 |              |                        |                      |               |               |
| Jerusalem<br>624                                | New shekel<br>= 100 agorot<br><br>ILS | M               | USD 1 =      | ILS 3.5643             | ILS 3.4410           | ILS 3.4220    | ILS 3.3080    |
|                                                 |                                       | M               | EUR 1 =      | ILS 3.9816             | ILS 4.0258           | ILS 3.9938    | ILS 3.9656    |
| Italy                                           |                                       |                 |              |                        |                      |               |               |
| Rome<br>005                                     | Euro<br>= 100 cent<br><br>EUR         | M               | EUR 1 =      | USD 1.1195             | USD 1.1708           | USD 1.1698    | USD 1.1980    |
| Jamaica                                         |                                       |                 |              |                        |                      |               |               |
| Kingston<br>464                                 | Jamaican dollar<br>= 100 cents        | B               | USD 1 =      | JMD 132.5023           | JMD 141.2472         | JMD 145.9384  | JMD 145.7763  |
|                                                 |                                       | S               | USD 1 =      | JMD 134.1077           | JMD 142.1005         | JMD 147.5785  | JMD 146.9856  |
|                                                 | JMD                                   | B               | EUR 1 =      | JMD 143.87390          | JMD 160.6718         | JMD 166.1186  | JMD 169.1892  |
|                                                 |                                       | S               | EUR 1 =      | JMD 150.12124          | JMD 168.0034         | JMD 173.4653  | JMD 178.2577  |
| Japan                                           |                                       |                 |              |                        |                      |               |               |
| Tokyo<br>732                                    | Japanese yen<br>= 100 sen             | B               | USD 1 =      | JPY 107.99             | JPY 104.80           | JPY 103.60    | JPY 102.89    |
|                                                 |                                       | S               | USD 1 =      | JPY 109.99             | JPY 106.80           | JPY 105.60    | JPY 104.89    |
|                                                 | JPY                                   | B               | EUR 1 =      | JPY 120.65             | JPY 122.67           | JPY 120.64    | JPY 122.88    |
|                                                 |                                       | S               | EUR 1 =      | JPY 123.65             | JPY 125.67           | JPY 123.64    | JPY 125.88    |
| Jordan                                          |                                       |                 |              |                        |                      |               |               |
| Amman<br>628                                    | 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 0.79156            | JOD 0.82779          | JOD 0.83034   | JOD 0.84634   |
|                                                 |                                       | S               | EUR 1 =      | JOD 0.79615            | JOD 0.83461          | JOD 0.83759   | JOD 0.85143   |
| Kazakhstan                                      |                                       |                 |              |                        |                      |               |               |
| Nur-Sultan<br>079                               | Tenge<br>= 100 tiyn<br><br>KZT        | M               | USD 1 =      | KZT 382.96             | KZT 429.51           | KZT 432.64    | KZT 423.87    |
|                                                 |                                       | M               | EUR 1 =      | KZT 428.91             | KZT 502.14           | KZT 505.02    | KZT 505.25    |

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<br>Country code     | Currency<br>ISO currency code    | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |              |               |
|-----------------------------------------------------|----------------------------------|-----------------|---------|------------------------|----------------------|--------------|---------------|
|                                                     |                                  |                 |         |                        | September 2020       | October 2020 | November 2020 |
| Kenya <sup>1</sup>                                  |                                  |                 |         |                        |                      |              |               |
| Nairobi<br>346                                      | Kenya shilling<br>= 100 cents    | B               | USD 1 = | KES 102.0469           | KES 108.3971         | KES 108.7188 | KES 109.9535  |
|                                                     |                                  | S               | USD 1 = | KES 102.2455           | KES 108.5971         | KES 108.9188 | KES 110.1535  |
|                                                     | KES                              | B               | EUR 1 = | KES 114.0250           | KES 126.7582         | KES 127.1335 | KES 131.0424  |
|                                                     |                                  | S               | EUR 1 = | KES 114.2775           | KES 127.0294         | KES 127.4006 | KES 131.3165  |
| Korea, Democratic People’s Republic of <sup>1</sup> |                                  |                 |         |                        |                      |              |               |
| Pyongyang<br>724                                    | North Korean won<br>= 100 chon   | B               | USD 1 = | KPW 107.60             | .                    | .            | .             |
|                                                     |                                  | S               | USD 1 = | KPW 108.67             | .                    | .            | .             |
|                                                     | KPW                              | B               | EUR 1 = | KPW 120.38             | .                    | .            | .             |
|                                                     |                                  | S               | EUR 1 = | KPW 121.58             | .                    | .            | .             |
| Korea, Republic of                                  |                                  |                 |         |                        |                      |              |               |
| Seoul<br>728                                        | South Korean won<br>= 100 chon   | B               | USD 1 = | KRW 1,155.48           | KRW 1,157.60         | KRW 1,123.40 | KRW 1,096.70  |
|                                                     |                                  | S               | USD 1 = | KRW 1,178.07           | KRW 1,180.40         | KRW 1,145.60 | KRW 1,118.30  |
|                                                     | KRW                              | B               | EUR 1 = | KRW 1,291.45           | KRW 1,353.42         | KRW 1,311.18 | KRW 1,314.01  |
|                                                     |                                  | S               | EUR 1 = | KRW 1,317.53           | KRW 1,380.76         | KRW 1,337.66 | KRW 1,340.55  |
| Kuwait                                              |                                  |                 |         |                        |                      |              |               |
| Kuwait<br>636                                       | Kuwaiti dinar<br>= 1,000 fils    | B               | USD 1 = | KWD 0.30219            | KWD 0.30490          | KWD 0.30435  | KWD 0.30375   |
|                                                     |                                  | S               | USD 1 = | KWD 0.30600            | KWD 0.30850          | KWD 0.30795  | KWD 0.30735   |
|                                                     | KWD                              | B               | EUR 1 = | KWD 0.338360           | KWD 0.357221         | KWD 0.356150 | KWD 0.364227  |
|                                                     |                                  | S               | EUR 1 = | KWD 0.342626           | KWD 0.361439         | KWD 0.360363 | KWD 0.368543  |
| Kyrgyzstan                                          |                                  |                 |         |                        |                      |              |               |
| Bishkek<br>083                                      | Kyrgyz som<br>= 100 tyiyn        | M               | USD 1 = | KGS 69.7811            | KGS 79.6000          | KGS 81.8000  | KGS 84.7984   |
|                                                     |                                  | M               | EUR 1 = | KGS 78.1604            | KGS 92.9927          | KGS 95.4770  | KGS 101.1815  |
|                                                     | KGS                              |                 |         |                        |                      |              |               |
|                                                     |                                  |                 |         |                        |                      |              |               |
| Lao People’s Democratic Republic                    |                                  |                 |         |                        |                      |              |               |
| Vientiane<br>684                                    | Kip                              | B               | USD 1 = | LAK 8,701              | LAK 9,215            | LAK 9,251    | LAK 9,264     |
|                                                     |                                  | S               | USD 1 = | LAK 8,715              | LAK 9,232            | LAK 9,268    | LAK 9,281     |
|                                                     | LAK                              | B               | EUR 1 = | LAK 9,722              | LAK 10,822           | LAK 10,800   | LAK 11,096    |
|                                                     |                                  | S               | EUR 1 = | LAK 9,767              | LAK 10,874           | LAK 10,851   | LAK 11,149    |
| Latvia                                              |                                  |                 |         |                        |                      |              |               |
| Riga<br>054                                         | Euro<br>= 100 cent               | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                     | EUR                              |                 |         |                        |                      |              |               |
| Lebanon <sup>1</sup>                                |                                  |                 |         |                        |                      |              |               |
| Beirut<br>604                                       | Lebanese pound<br>= 100 piastres | M               | USD 1 = | LBP 1,507.50           | LBP 1,507.50         | LBP 1,507.50 | LBP 1,507.50  |
|                                                     |                                  | M               | EUR 1 = | LBP 1,688.52           | LBP 1,763.47         | LBP 1,760.01 | LBP 1,806.59  |
|                                                     | LBP                              |                 |         |                        |                      |              |               |
|                                                     |                                  |                 |         |                        |                      |              |               |
| Lesotho <sup>1</sup>                                |                                  |                 |         |                        |                      |              |               |
| Maseru<br>395                                       | Loti<br>= 100 lisente            | M               | USD 1 = | LSL 14.4518            | LSL 16.8021          | LSL 16.2352  | LSL 15.3445   |
|                                                     |                                  | M               | EUR 1 = | LSL 16.1709            | LSL 19.6744          | LSL 18.9992  | LSL 18.3750   |
|                                                     | LSL                              |                 |         |                        |                      |              |               |
|                                                     |                                  |                 |         |                        |                      |              |               |

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<br>Country code            | Currency<br>ISO currency code  | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |              |               |
|------------------------------------------------------------|--------------------------------|-----------------|---------|------------------------|----------------------|--------------|---------------|
|                                                            |                                |                 |         |                        | September 2020       | October 2020 | November 2020 |
| Liberia <sup>1</sup>                                       |                                |                 |         |                        |                      |              |               |
| Monrovia<br>268                                            | Liberian dollar<br>= 100 cents | B               | USD 1 = | LRD 187.22             | LRD 198.0309         | LRD 180.5962 | LRD 156.8482  |
|                                                            |                                | S               | USD 1 = | LRD 188.53             | LRD 199.1869         | LRD 182.0047 | LRD 158.2155  |
|                                                            | LRD                            | V, B            | EUR 1 = | LRD 209.3707           | LRD 231.8546         | LRD 211.2614 | LRD 187.9041  |
|                                                            |                                | V, S            | EUR 1 = | LRD 210.8311           | LRD 233.2080         | LRD 212.9091 | LRD 189.5422  |
| Libya                                                      |                                |                 |         |                        |                      |              |               |
| Tripoli<br>216                                             | Libyan dinar<br>= 1,000 dirham | B               | USD 1 = | LYD 1.3950             | LYD 1.3687           | LYD 1.3611   | LYD 1.3486    |
|                                                            |                                | S               | USD 1 = | LYD 1.4020             | LYD 1.3755           | LYD 1.3679   | LYD 1.3554    |
|                                                            | LYD                            | B               | EUR 1 = | LYD 1.5614             | LYD 1.6049           | LYD 1.6039   | LYD 1.6151    |
|                                                            |                                | S               | EUR 1 = | LYD 1.5692             | LYD 1.6130           | LYD 1.6119   | LYD 1.6232    |
| Lithuania                                                  |                                |                 |         |                        |                      |              |               |
| Vilnius<br>055                                             | Euro<br>= 100 cent<br><br>EUR  | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
| Luxembourg                                                 |                                |                 |         |                        |                      |              |               |
| Luxembourg<br>018                                          | Euro<br>= 100 cent<br><br>EUR  | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
| Macao <sup>1</sup>                                         |                                |                 |         |                        |                      |              |               |
| Macao<br>743                                               | Pataca<br>= 100 avos           | B               | USD 1 = | MOP 8.0632             | MOP 7.9770           | MOP 7.9808   | MOP 7.9764    |
|                                                            |                                | S               | USD 1 = | MOP 8.0857             | MOP 7.9995           | MOP 8.0033   | MOP 8.0026    |
|                                                            | MOP                            | B               | EUR 1 = | MOP 9.0205             | MOP 9.3355           | MOP 9.3176   | MOP 9.5451    |
|                                                            |                                | S               | EUR 1 = | MOP 9.0590             | MOP 9.3740           | MOP 9.3561   | MOP 9.5866    |
| Madagascar                                                 |                                |                 |         |                        |                      |              |               |
| Antananarivo<br>370                                        | Ariary<br>= 5 iraimbilanja     | M               | USD 1 = | MGA 3,618.91           | MGA 3,882.84         | MGA 3,897.25 | MGA 3,781.69  |
|                                                            | MGA                            | M               | EUR 1 = | MGA 4,047.48           | MGA 4,541.59         | MGA 4,545.29 | MGA 4,511.92  |
| Malawi                                                     |                                |                 |         |                        |                      |              |               |
| Lilongwe<br>386                                            | Malawi kwacha<br>= 100 tambala | B               | USD 1 = | MWK 730.0152           | MWK 743.9296         | MWK 747.8537 | MWK 753.0002  |
|                                                            |                                | S               | USD 1 = | MWK 748.8212           | MWK 758.8066         | MWK 762.8093 | MWK 768.0586  |
|                                                            | MWK                            | B               | EUR 1 = | MWK 817.1855           | MWK 872.1830         | MWK 873.4184 | MWK 901.4165  |
|                                                            |                                | S               | EUR 1 = | MWK 838.2581           | MWK 889.6249         | MWK 890.8850 | MWK 919.4430  |
| Malaysia                                                   |                                |                 |         |                        |                      |              |               |
| Kuala Lumpur<br>Seat of<br>government:<br>Putrajaya<br>701 | Malaysian ringgit<br>= 100 sen | B               | USD 1 = | MYR 4.0795             | MYR 4.0810           | MYR 4.0860   | MYR 4.0034    |
|                                                            |                                | S               | USD 1 = | MYR 4.2010             | MYR 4.2290           | MYR 4.2340   | MYR 4.1336    |
|                                                            | MYR                            | B               | EUR 1 = | MYR 4.5493             | MYR 4.7836           | MYR 4.7596   | MYR 4.7755    |
|                                                            |                                | S               | EUR 1 = | MYR 4.7219             | MYR 4.9778           | MYR 4.9528   | MYR 4.9605    |

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<br>Country code | Currency<br>ISO currency code     | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |              |               |
|-------------------------------------------------|-----------------------------------|-----------------|---------|------------------------|----------------------|--------------|---------------|
|                                                 |                                   |                 |         |                        | September 2020       | October 2020 | November 2020 |
| Maldives                                        |                                   |                 |         |                        |                      |              |               |
| Malé<br>667                                     | Rufiyaa<br>= 100 laari            | M               | USD 1 = | MVR 15.38              | MVR 15.40            | MVR 15.37    | MVR 15.36     |
|                                                 |                                   | V, M            | EUR 1 = | MVR 17.21739           | MVR 18.03032         | MVR 17.97983 | MVR 18.40128  |
|                                                 | MVR                               |                 |         |                        |                      |              |               |
| Mali <sup>1</sup>                               |                                   |                 |         |                        |                      |              |               |
| Bamako<br>232                                   | CFA franc                         | V               | USD 1 = | XOF 585.937            | XOF 560.264          | XOF 560.743  | XOF 547.543   |
|                                                 | XOF                               | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957  | XOF 655.957   |
| Malta                                           |                                   |                 |         |                        |                      |              |               |
| Valletta<br>046                                 | Euro<br>= 100 cent                | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                 | EUR                               |                 |         |                        |                      |              |               |
| Mauritania                                      |                                   |                 |         |                        |                      |              |               |
| Nouakchott<br>228                               | Ouguiya                           | B               | USD 1 = | MRU 36.66              | MRU 36.74            | MRU 36.84    | MRU 36.85     |
|                                                 |                                   | S               | USD 1 = | MRU 37.02              | MRU 37.11            | MRU 37.21    | MRU 37.22     |
|                                                 |                                   | B               | EUR 1 = | MRU 41.05              | MRU 43.03            | MRU 43.24    | MRU 44.16     |
|                                                 | MRU                               | S               | EUR 1 = | MRU 41.46              | MRU 43.46            | MRU 43.68    | MRU 44.60     |
| Mauritius                                       |                                   |                 |         |                        |                      |              |               |
| Port Louis<br>373                               | Mauritian rupee<br>= 100 cents    | B               | USD 1 = | MUR 35.1821            | MUR 39.4347          | MUR 39.5735  | MUR 39.4472   |
|                                                 |                                   | S               | USD 1 = | MUR 36.0814            | MUR 40.3343          | MUR 40.4729  | MUR 40.3464   |
|                                                 |                                   | B               | EUR 1 = | MUR 39.2334            | MUR 46.1603          | MUR 46.1129  | MUR 47.0702   |
|                                                 | MUR                               | S               | EUR 1 = | MUR 40.3539            | MUR 47.4376          | MUR 47.3872  | MUR 48.3724   |
| Mexico                                          |                                   |                 |         |                        |                      |              |               |
| Mexico City<br>412                              | Mexican peso<br>= 100 centavos    | B               | USD 1 = | MXN 19.2133            | MXN 22.0930          | MXN 21.2300  | MXN 20.1380   |
|                                                 |                                   | S               | USD 1 = | MXN 19.2189            | MXN 22.1050          | MXN 21.2400  | MXN 20.1470   |
|                                                 |                                   | V, B            | EUR 1 = | MXN 21.6387            | MXN 25.8665          | MXN 24.8349  | MXN 24.1253   |
|                                                 | MXN                               | V, S            | EUR 1 = | MXN 21.6451            | MXN 25.8805          | MXN 24.8466  | MXN 24.1361   |
| Moldova, Republic of                            |                                   |                 |         |                        |                      |              |               |
| Chisinau<br>074                                 | Moldovan leu<br>= 100 bani        | M               | USD 1 = | MDL 17.5804            | MDL 16.9565          | MDL 17.0377  | MDL 17.2383   |
|                                                 |                                   | M               | EUR 1 = | MDL 19.6863            | MDL 19.8273          | MDL 19.9400  | MDL 20.5541   |
|                                                 | MDL                               |                 |         |                        |                      |              |               |
| Mongolia                                        |                                   |                 |         |                        |                      |              |               |
| Ulan Bator<br>716                               | Togrog<br>= 100 mongo             | M               | USD 1 = | MNT 2,666.78           | MNT 2,854.72         | MNT 2,851.99 | MNT 2,849.66  |
|                                                 |                                   | M               | EUR 1 = | MNT 2,985.10           | MNT 3,349.16         | MNT 3,329.84 | MNT 3,412.18  |
|                                                 | MNT                               |                 |         |                        |                      |              |               |
| Morocco                                         |                                   |                 |         |                        |                      |              |               |
| Rabat<br>204                                    | Moroccan dirham<br>= 100 centimes | M               | USD 1 = | MAD 9.6194             | MAD 9.2486           | MAD 9.1923   | MAD 9.0731    |
|                                                 |                                   | M               | EUR 1 = | MAD 10.7721            | MAD 10.8310          | MAD 10.7890  | MAD 10.8750   |
|                                                 | MAD                               |                 |         |                        |                      |              |               |

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<br>Country code         | Currency<br>ISO currency code     | Type of<br>rate | Unit        | Annual average<br>2019 | Rate at end of month |              |               |
|---------------------------------------------------------|-----------------------------------|-----------------|-------------|------------------------|----------------------|--------------|---------------|
|                                                         |                                   |                 |             |                        | September 2020       | October 2020 | November 2020 |
| Mozambique                                              |                                   |                 |             |                        |                      |              |               |
| Maputo<br>366                                           | Metical<br>= 100 centavos         | B               | USD 1 =     | MZN 61.93              | MZN 71.57            | MZN 72.51    | MZN 73.50     |
|                                                         |                                   | S               | USD 1 =     | MZN 63.14              | MZN 72.99            | MZN 73.96    | MZN 74.97     |
|                                                         | MZN                               | B               | EUR 1 =     | MZN 69.27              | MZN 83.84            | MZN 84.69    | MZN 87.99     |
|                                                         |                                   | S               | EUR 1 =     | MZN 70.63              | MZN 85.52            | MZN 86.39    | MZN 89.75     |
| Myanmar                                                 |                                   |                 |             |                        |                      |              |               |
| Nay Pyi Taw<br>676                                      | Kyat<br>= 100 pyas                | M               | USD 1 =     | MMK 1,515.79           | MMK 1,308.50         | MMK 1,287.40 | MMK 1,314.70  |
|                                                         | MMK                               | M               | EUR 1 =     | MMK 1,696.96           | MMK 1,532.00         | MMK 1,513.80 | MMK 1,568.20  |
| Namibia <sup>1</sup>                                    |                                   |                 |             |                        |                      |              |               |
| Windhoek<br>389                                         | Namibia dollar<br>= 100 cents     | M               | USD 1 =     | NAD 14.4649            | NAD 16.9706          | NAD 16.3610  | NAD 15.2613   |
|                                                         | NAD                               | M               | EUR 1 =     | NAD 16.1826            | NAD 19.9072          | NAD 19.1088  | NAD 18.2743   |
| Nepal                                                   |                                   |                 |             |                        |                      |              |               |
| Kathmandu<br>672                                        | Nepalese rupee<br>= 100 paisa     | B               | USD 1 =     | NPR 112.39             | NPR 117.87           | NPR 118.27   | NPR 118.19    |
|                                                         |                                   | S               | USD 1 =     | NPR 112.99             | NPR 118.47           | NPR 118.87   | NPR 118.79    |
|                                                         | NPR                               | B               | EUR 1 =     | NPR 125.65             | NPR 137.69           | NPR 138.81   | NPR 141.40    |
|                                                         |                                   | S               | EUR 1 =     | NPR 126.32             | NPR 138.39           | NPR 139.52   | NPR 142.11    |
| Netherlands                                             |                                   |                 |             |                        |                      |              |               |
| Amsterdam<br>Seat of<br>government:<br>The Hague<br>003 | Euro<br>= 100 cent<br><br>EUR     | M               | EUR 1 =     | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
| New Caledonia <sup>1</sup>                              |                                   |                 |             |                        |                      |              |               |
| Nouméa<br>809                                           | CFP franc                         | V               | XPF 1,000 = | USD 9.38               | USD 9.81             | USD 9.80     | USD 10.04     |
|                                                         | XPF                               | 2               | XPF 1,000 = | EUR 8.38               | EUR 8.38             | EUR 8.38     | EUR 8.38      |
| New Zealand                                             |                                   |                 |             |                        |                      |              |               |
| Wellington<br>804                                       | New Zealand dollar<br>= 100 cents | B               | NZD 1 =     | USD 0.6742             | USD 0.6712           | USD 0.6763   | USD 0.7166    |
|                                                         |                                   | S               | NZD 1 =     | USD 0.6499             | USD 0.6461           | USD 0.6509   | USD 0.6899    |
|                                                         | NZD                               | B               | NZD 1 =     | EUR 0.6042             | EUR 0.5723           | EUR 0.5785   | EUR 0.5988    |
|                                                         |                                   | S               | NZD 1 =     | EUR 0.5779             | EUR 0.5508           | EUR 0.5568   | EUR 0.5763    |
| Nicaragua                                               |                                   |                 |             |                        |                      |              |               |
| Managua<br>432                                          | Córdoba<br>= 100 centavos         | M               | USD 1 =     | NIO 33.1826            | NIO 34.5952          | NIO 34.6819  | NIO 34.7661   |
|                                                         | NIO                               | V, M            | EUR 1 =     | NIO 37.14094           | NIO 40.50406         | NIO 40.57089 | NIO 41.64979  |

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<br>Country code | Currency<br>ISO currency code         | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |               |               |
|-------------------------------------------------|---------------------------------------|-----------------|---------|------------------------|----------------------|---------------|---------------|
|                                                 |                                       |                 |         |                        | September 2020       | October 2020  | November 2020 |
| Niger <sup>1</sup>                              |                                       |                 |         |                        |                      |               |               |
| Niamey<br>240                                   | CFA franc                             | V               | USD 1 = | XOF 585.937            | XOF 560.264          | XOF 560.743   | XOF 547.543   |
|                                                 | XOF                                   | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957   | XOF 655.957   |
| Nigeria <sup>1</sup>                            |                                       |                 |         |                        |                      |               |               |
| Abuja<br>288                                    | Naira<br>= 100 kobo                   | B               | USD 1 = | NGN 305.93             | NGN 379.00           | NGN 379.00    | NGN 379.00    |
|                                                 |                                       | S               | USD 1 = | NGN 306.93             | NGN 380.00           | NGN 380.00    | NGN 380.00    |
|                                                 | NGN                                   | B               | EUR 1 = | NGN 342.6227           | NGN 444.1501         | NGN 442.5204  | NGN 454.3452  |
|                                                 |                                       | S               | EUR 1 = | NGN 343.7427           | NGN 445.3220         | NGN 443.6880  | NGN 455.5440  |
| North Macedonia                                 |                                       |                 |         |                        |                      |               |               |
| Skopje<br>096                                   | North Macedonia denar<br>= 100 deni   | B               | USD 1 = | MKD 54.6710            | MKD 52.4582          | MKD 52.4491   | MKD 51.4903   |
|                                                 |                                       | S               | USD 1 = | MKD 55.2205            | MKD 52.9854          | MKD 52.9763   | MKD 52.0077   |
|                                                 | MKD                                   | B               | EUR 1 = | MKD 61.2040            | MKD 61.3865          | MKD 61.3865   | MKD 61.3866   |
|                                                 |                                       | S               | EUR 1 = | MKD 61.8191            | MKD 62.0035          | MKD 62.0035   | MKD 62.0036   |
| Norway                                          |                                       |                 |         |                        |                      |               |               |
| Oslo<br>028                                     | Norwegian krone<br>= 100 øre          | B               | USD 1 = | NOK 8.7713             | NOK 9.4360           | NOK 9.5598    | NOK 8.8110    |
|                                                 |                                       | S               | USD 1 = | NOK 8.8400             | NOK 9.5080           | NOK 9.6318    | NOK 8.8830    |
|                                                 | NOK                                   | B               | EUR 1 = | NOK 9.8140             | NOK 11.0752          | NOK 11.1665   | NOK 10.5557   |
|                                                 |                                       | S               | EUR 1 = | NOK 9.8901             | NOK 11.1542          | NOK 11.2455   | NOK 10.6347   |
| Oman                                            |                                       |                 |         |                        |                      |               |               |
| Muscat<br>649                                   | 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 0.4299008          | OMR 0.4483200        | OMR 0.4522752 | OMR 0.4595328 |
|                                                 |                                       | S               | EUR 1 = | OMR 0.4310973          | OMR 0.4495645        | OMR 0.4535300 | OMR 0.4608065 |
| Pakistan                                        |                                       |                 |         |                        |                      |               |               |
| Islamabad<br>662                                | Pakistani rupee<br>= 100 paisa        | B               | USD 1 = | PKR 150.06             | PKR 165.90           | PKR 160.50    | PKR 159.45    |
|                                                 |                                       | S               | USD 1 = | PKR 150.56             | PKR 166.40           | PKR 161.00    | PKR 159.95    |
|                                                 | PKR                                   | B               | EUR 1 = | PKR 167.98             | PKR 194.62           | PKR 188.58    | PKR 190.86    |
|                                                 |                                       | S               | EUR 1 = | PKR 168.56             | PKR 195.21           | PKR 189.17    | PKR 191.46    |
| Panama <sup>1</sup>                             |                                       |                 |         |                        |                      |               |               |
| Panama City<br>442                              | Balboa<br>= 100 centésimos<br><br>PAB | 4               | USD 1 = | PAB 1                  | PAB 1                | PAB 1         | PAB 1         |
|                                                 |                                       | V               | EUR 1 = | PAB 1.1195             | PAB 1.1708           | PAB 1.1698    | PAB 1.1980    |
| Papua New Guinea                                |                                       |                 |         |                        |                      |               |               |
| Port Moresby<br>801                             | Kina<br>= 100 toea                    | B               | PGK 1 = | USD 0.3026             | USD 0.2935           | USD 0.2935    | USD 0.2925    |
|                                                 |                                       | S               | PGK 1 = | USD 0.2876             | USD 0.2785           | USD 0.2785    | USD 0.2775    |
|                                                 | PGK                                   | B               | PGK 1 = | EUR 0.2669             | EUR 0.2440           | EUR 0.2456    | EUR 0.2387    |
|                                                 |                                       | S               | PGK 1 = | EUR 0.2519             | EUR 0.2290           | EUR 0.2306    | EUR 0.2237    |

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

<sup>2</sup> Value against the euro. <sup>3</sup> Value against the US dollar. <sup>4</sup> Parity in relation to the US dollar.

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

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

| Country <sup>1</sup><br>Capital<br>Country code | Currency<br>ISO currency code     | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |              |               |
|-------------------------------------------------|-----------------------------------|-----------------|---------|------------------------|----------------------|--------------|---------------|
|                                                 |                                   |                 |         |                        | September 2020       | October 2020 | November 2020 |
| Paraguay                                        |                                   |                 |         |                        |                      |              |               |
| Asunción<br>520                                 | Guaraní<br>= 100 céntimos         | B               | USD 1 = | PYG 6,237.82           | PYG 6,979.36         | PYG 7,021.87 | PYG 7,032.03  |
|                                                 |                                   | S               | USD 1 = | PYG 6,252.06           | PYG 6,990.35         | PYG 7,027.63 | PYG 7,041.33  |
|                                                 | PYG                               | V, B            | EUR 1 = | PYG 6,978.71           | PYG 8,171.43         | PYG 8,214.18 | PYG 8,424.37  |
|                                                 |                                   | V, S            | EUR 1 = | PYG 6,994.63           | PYG 8,184.30         | PYG 8,220.92 | PYG 8,435.51  |
| Peru                                            |                                   |                 |         |                        |                      |              |               |
| Lima<br>504                                     | Sol<br>= 100 céntimos             | B               | USD 1 = | PEN 3.333              | PEN 3.595            | PEN 3.610    | PEN 3.603     |
|                                                 |                                   | S               | USD 1 = | PEN 3.337              | PEN 3.599            | PEN 3.615    | PEN 3.610     |
|                                                 | PEN                               | B               | EUR 1 = | PEN 3.690              | PEN 4.170            | PEN 4.137    | PEN 4.283     |
|                                                 |                                   | S               | EUR 1 = | PEN 3.840              | PEN 4.522            | PEN 4.351    | PEN 4.423     |
| Philippines                                     |                                   |                 |         |                        |                      |              |               |
| Manila<br>708                                   | Philippine peso<br>= 100 centavos | B               | USD 1 = | PHP 51.41              | PHP 48.10            | PHP 48.10    | PHP 47.85     |
|                                                 |                                   | S               | USD 1 = | PHP 51.91              | PHP 48.60            | PHP 48.60    | PHP 48.35     |
|                                                 | PHP                               | B               | EUR 1 = | PHP 55.8464            | PHP 54.9534          | PHP 54.6153  | PHP 56.1340   |
|                                                 |                                   | S               | EUR 1 = | PHP 59.1191            | PHP 58.2467          | PHP 57.8918  | PHP 59.0951   |
| Poland                                          |                                   |                 |         |                        |                      |              |               |
| Warsaw<br>060                                   | Polish zloty<br>= 100 groszy      | M               | USD 1 = | PLN 3.8399             | PLN 3.8658           | PLN 3.9563   | PLN 3.7364    |
|                                                 | PLN                               | M               | EUR 1 = | PLN 4.3018             | PLN 4.5268           | PLN 4.6188   | PLN 4.4779    |
| Portugal                                        |                                   |                 |         |                        |                      |              |               |
| Lisbon<br>010                                   | Euro<br>= 100 cent                | M               | EUR 1 = | USD 1.1195             | USD 1.1708           | USD 1.1698   | USD 1.1980    |
|                                                 | EUR                               |                 |         |                        |                      |              |               |
| Qatar                                           |                                   |                 |         |                        |                      |              |               |
| Doha<br>644                                     | 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 4.0748             | QAR 4.2617           | QAR 4.2581   | QAR 4.3607    |
| Romania                                         |                                   |                 |         |                        |                      |              |               |
| Bucharest<br>066                                | Romanian leu<br>= 100 bani        | M               | USD 1 = | RON 4.2393             | RON 4.1617           | RON 4.1768   | RON 4.0875    |
|                                                 |                                   | M               | EUR 1 = | RON 4.7509             | RON 4.8698           | RON 4.8743   | RON 4.8735    |
| RON                                             |                                   |                 |         |                        |                      |              |               |
| Russian Federation                              |                                   |                 |         |                        |                      |              |               |
| Moscow<br>075                                   | Russian rouble<br>= 100 kopecks   | M               | USD 1 = | RUB 64.6375            | RUB 79.6845          | RUB 79.3323  | RUB 75.8599   |
|                                                 |                                   | M               | EUR 1 = | RUB 72.0631            | RUB 93.0237          | RUB 92.6284  | RUB 90.4629   |
| RUB                                             |                                   |                 |         |                        |                      |              |               |

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

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

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

| Country <sup>1</sup><br>Capital<br>Country code | Currency<br>ISO currency code                             | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |                  |                  |
|-------------------------------------------------|-----------------------------------------------------------|-----------------|---------|------------------------|----------------------|------------------|------------------|
|                                                 |                                                           |                 |         |                        | September 2020       | October 2020     | November 2020    |
| Rwanda                                          |                                                           |                 |         |                        |                      |                  |                  |
| Kigali<br>324                                   | Rwanda franc<br>= 100 centimes                            | B               | USD 1 = | RWF 891.345390         | RWF 947.337506       | RWF 953.722627   | RWF 958.842039   |
|                                                 |                                                           | S               | USD 1 = | RWF 909.170498         | RWF 966.282342       | RWF 972.795153   | RWF 978.016943   |
|                                                 | RWF                                                       | B               | EUR 1 = | RWF 998.412161         | RWF 1,111.605829     | RWF 1,113.948028 | RWF 1,147.801040 |
|                                                 |                                                           | S               | EUR 1 = | RWF 1,018.378388       | RWF 1,133.835700     | RWF 1,136.224739 | RWF 1,170.754742 |
| Saint Helena, Ascension and Tristan da Cunha    |                                                           |                 |         |                        |                      |                  |                  |
| Jamestown<br>329                                | Saint Helena pound <sup>2</sup><br>= 100 pence<br><br>SHP | V               | USD 1 = | SHP 0.78407            | SHP 0.77925          | SHP 0.77114      | SHP 0.74996      |
|                                                 |                                                           | V               | EUR 1 = | SHP 0.87777            | SHP 0.91235          | SHP 0.90208      | SHP 0.89845      |
| Saint Kitts and Nevis                           |                                                           |                 |         |                        |                      |                  |                  |
| Basseterre<br>449                               | East Caribbean dollar<br>= 100 cents                      | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882       | XCD 2.6882       |
|                                                 |                                                           | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169       | XCD 2.7169       |
|                                                 | XCD                                                       | V, B            | EUR 1 = | XCD 3.0094             | XCD 3.1473           | XCD 3.1447       | XCD 3.2205       |
|                                                 |                                                           | V, S            | EUR 1 = | XCD 3.0416             | XCD 3.1809           | XCD 3.1782       | XCD 3.2548       |
| Saint Lucia                                     |                                                           |                 |         |                        |                      |                  |                  |
| Castries<br>465                                 | East Caribbean dollar<br>= 100 cents                      | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882       | XCD 2.6882       |
|                                                 |                                                           | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169       | XCD 2.7169       |
|                                                 | XCD                                                       | V, B            | EUR 1 = | XCD 3.0094             | XCD 3.1473           | XCD 3.1447       | XCD 3.2205       |
|                                                 |                                                           | V, S            | EUR 1 = | XCD 3.0416             | XCD 3.1809           | XCD 3.1782       | XCD 3.2548       |
| Saint Vincent and the Grenadines                |                                                           |                 |         |                        |                      |                  |                  |
| Kingstown<br>467                                | East Caribbean dollar<br>= 100 cents                      | <sup>3</sup> B  | USD 1 = | XCD 2.6882             | XCD 2.6882           | XCD 2.6882       | XCD 2.6882       |
|                                                 |                                                           | <sup>3</sup> S  | USD 1 = | XCD 2.7169             | XCD 2.7169           | XCD 2.7169       | XCD 2.7169       |
|                                                 | XCD                                                       | V, B            | EUR 1 = | XCD 3.0094             | XCD 3.1473           | XCD 3.1447       | XCD 3.2205       |
|                                                 |                                                           | V, S            | EUR 1 = | XCD 3.0416             | XCD 3.1809           | XCD 3.1782       | XCD 3.2548       |
| Samoa                                           |                                                           |                 |         |                        |                      |                  |                  |
| Apia<br>819                                     | Tala<br>= 100 sene<br><br>WST                             | M               | WST 1 = | USD 0.37749            | USD 0.37941          | USD 0.37852      | USD 0.38934      |
|                                                 |                                                           | M               | WST 1 = | EUR 0.33756            | EUR 0.32305          | EUR 0.32464      | EUR 0.32545      |
| Sao Tome and Principe                           |                                                           |                 |         |                        |                      |                  |                  |
| São Tomé<br>311                                 | Dobra<br>= 100 cêntimos                                   | B               | USD 1 = | STN 21.9193            | STN 20.9940          | STN 20.9330      | STN 20.5502      |
|                                                 |                                                           | S               | USD 1 = | STN 22.2481            | STN 21.3089          | STN 21.2470      | STN 20.8585      |
|                                                 | STN                                                       | 4               | EUR 1 = | STN 24.5000            | STN 24.5000          | STN 24.5000      | STN 24.5000      |
| Saudi Arabia                                    |                                                           |                 |         |                        |                      |                  |                  |
| Riyadh<br>632                                   | Saudi riyal<br>= 100 halalah<br><br>SAR                   | <sup>3</sup> M  | USD 1 = | SAR 3.75               | SAR 3.75             | SAR 3.75         | SAR 3.75         |
|                                                 |                                                           | M               | EUR 1 = | SAR 4.1937             | SAR 4.3991           | SAR 4.3716       | SAR 4.4807       |

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<br>Country code | Currency<br>ISO currency code                   | Type of<br>rate | Unit      | Annual average<br>2019 | Rate at end of month |               |               |
|-------------------------------------------------|-------------------------------------------------|-----------------|-----------|------------------------|----------------------|---------------|---------------|
|                                                 |                                                 |                 |           |                        | September 2020       | October 2020  | November 2020 |
| Senegal <sup>1</sup>                            |                                                 |                 |           |                        |                      |               |               |
| Dakar<br>248                                    | CFA franc                                       | V               | USD 1 =   | XOF 585.937            | XOF 560.264          | XOF 560.743   | XOF 547.543   |
|                                                 | XOF                                             | 2               | EUR 1 =   | XOF 655.957            | XOF 655.957          | XOF 655.957   | XOF 655.957   |
| Serbia                                          |                                                 |                 |           |                        |                      |               |               |
| Belgrade<br>098                                 | Serbian dinar<br>= 100 para                     | B               | USD 1 =   | RSD 104.8908           | RSD 99.8701          | RSD 100.3126  | RSD 97.8951   |
|                                                 |                                                 | S               | USD 1 =   | RSD 105.5220           | RSD 100.4711         | RSD 100.9162  | RSD 98.4843   |
|                                                 | RSD                                             | B               | EUR 1 =   | RSD 117.4979           | RSD 117.2276         | RSD 117.2152  | RSD 117.2295  |
|                                                 |                                                 | S               | EUR 1 =   | RSD 118.2050           | RSD 117.9330         | RSD 117.9206  | RSD 117.9349  |
| Seychelles                                      |                                                 |                 |           |                        |                      |               |               |
| Victoria<br>355                                 | Seychelles rupee<br>= 100 cents                 | B               | USD 1 =   | SCR 13.8783            | SCR 18.1468          | SCR 19.3367   | SCR 20.9335   |
|                                                 |                                                 | S               | USD 1 =   | SCR 14.1605            | SCR 18.7448          | SCR 20.0038   | SCR 21.5493   |
|                                                 | SCR                                             | B               | EUR 1 =   | SCR 15.5377            | SCR 21.6397          | SCR 22.7893   | SCR 25.1351   |
|                                                 |                                                 | S               | EUR 1 =   | SCR 15.8662            | SCR 22.0452          | SCR 23.3858   | SCR 25.7813   |
| Sierra Leone                                    |                                                 |                 |           |                        |                      |               |               |
| Freetown<br>264                                 | Leone<br>= 100 cents                            | B               | USD 1 =   | SLL 8,966.53           | SLL 9,729.96         | SLL 9,912.63  | SLL 9,923.78  |
|                                                 |                                                 | S               | USD 1 =   | SLL 9,147.67           | SLL 9,926.53         | SLL 10,112.89 | SLL 10,124.26 |
|                                                 | SLL                                             | B               | EUR 1 =   | SLL 10,031.56          | SLL 11,413.68        | SLL 11,573.55 | SLL 11,873.65 |
|                                                 |                                                 | S               | EUR 1 =   | SLL 10,231.12          | SLL 11,641.51        | SLL 11,804.01 | SLL 12,110.64 |
| Singapore <sup>1</sup>                          |                                                 |                 |           |                        |                      |               |               |
| Singapore<br>706                                | Singapore dollar<br>= 100 cents                 | M               | USD 1 =   | SGD 1.3632             | SGD 1.3692           | SGD 1.3637    | SGD 1.3373    |
|                                                 |                                                 | M               | EUR 1 =   | SGD 1.5255             | SGD 1.6059           | SGD 1.5943    | SGD 1.6004    |
|                                                 | SGD                                             |                 |           |                        |                      |               |               |
| Sint Maarten (southern part)                    |                                                 |                 |           |                        |                      |               |               |
| Philipsburg<br>479                              | 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 199.40             | ANG 208.53           | ANG 207.88    | ANG 213.55    |
|                                                 |                                                 | S               | EUR 100 = | ANG 203.42             | ANG 212.73           | ANG 212.07    | ANG 217.85    |
| Slovakia                                        |                                                 |                 |           |                        |                      |               |               |
| Bratislava<br>063                               | Euro<br>= 100 cent                              | M               | EUR 1 =   | USD 1.1195             | USD 1.1708           | USD 1.1698    | USD 1.1980    |
|                                                 | EUR                                             |                 |           |                        |                      |               |               |
| Slovenia                                        |                                                 |                 |           |                        |                      |               |               |
| Ljubljana<br>091                                | Euro<br>= 100 cent                              | M               | EUR 1 =   | USD 1.1195             | USD 1.1708           | USD 1.1698    | USD 1.1980    |
|                                                 | EUR                                             |                 |           |                        |                      |               |               |
| Solomon Islands                                 |                                                 |                 |           |                        |                      |               |               |
| Honiara<br>806                                  | Solomon Islands dollar<br>= 100 cents           | M               | SBD 1 =   | USD 0.1223             | USD 0.1231           | USD 0.1233    | USD 0.1240    |
|                                                 |                                                 | M               | SBD 1 =   | EUR 0.10934            | EUR 0.10490          | EUR 0.10500   | EUR 0.10370   |
|                                                 | SBD                                             |                 |           |                        |                      |               |               |

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

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

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

| Country <sup>1</sup><br>Capital<br>Country code        | Currency<br>ISO currency code          | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month      |              |               |
|--------------------------------------------------------|----------------------------------------|-----------------|---------|------------------------|---------------------------|--------------|---------------|
|                                                        |                                        |                 |         |                        | September 2020            | October 2020 | November 2020 |
| Somalia <sup>1</sup>                                   |                                        |                 |         |                        |                           |              |               |
| Mogadishu<br>342                                       | Somali shilling                        | M               | USD 1 = | .                      | .                         | .            | .             |
|                                                        | SOS                                    | M               | EUR 1 = | .                      | .                         | .            | .             |
| South Africa                                           |                                        |                 |         |                        |                           |              |               |
| Pretoria<br>Seat of<br>parliament:<br>Cape Town<br>388 | South African rand<br>= 100 cents      | B               | USD 1 = | ZAR 14.2613            | ZAR 16.6138               | ZAR 16.0650  | ZAR 15.1800   |
|                                                        |                                        | S               | USD 1 = | ZAR 14.5788            | ZAR 16.9313               | ZAR 16.3825  | ZAR 15.4975   |
|                                                        | ZAR                                    | B               | EUR 1 = | ZAR 15.9161            | ZAR 19.4124               | ZAR 18.7495  | ZAR 18.1781   |
|                                                        |                                        | S               | EUR 1 = | ZAR 16.3500            | ZAR 19.8493               | ZAR 19.1894  | ZAR 18.6206   |
| South Sudan                                            |                                        |                 |         |                        |                           |              |               |
| Juba<br>225                                            | South Sudanese pound<br>= 100 piastres | M               | USD 1 = | SSP 158.2581           | SSP 167.0289 <sup>2</sup> | SSP 173.6006 | SSP 176.8557  |
|                                                        |                                        | M               | EUR 1 = | SSP 176.9669           | SSP 197.9796 <sup>2</sup> | SSP 205.3783 | SSP 210.9006  |
| SSP                                                    |                                        |                 |         |                        |                           |              |               |
| Spain                                                  |                                        |                 |         |                        |                           |              |               |
| Madrid<br>011                                          | Euro<br>= 100 cent                     | M               | EUR 1 = | USD 1.1195             | USD 1.1708                | USD 1.1698   | USD 1.1980    |
|                                                        | EUR                                    |                 |         |                        |                           |              |               |
| Sri Lanka                                              |                                        |                 |         |                        |                           |              |               |
| Colombo<br>669                                         | Sri Lanka rupee<br>= 100 cents         | B               | USD 1 = | LKR 176.7092           | LKR 183.0000              | LKR 182.1300 | LKR 183.3300  |
|                                                        |                                        | S               | USD 1 = | LKR 180.4863           | LKR 187.3200              | LKR 186.4500 | LKR 187.5500  |
|                                                        | LKR                                    | B               | EUR 1 = | LKR 196.6569           | LKR 213.7154              | LKR 212.8676 | LKR 218.3223  |
|                                                        |                                        | S               | EUR 1 = | LKR 203.5266           | LKR 221.2195              | LKR 220.3647 | LKR 225.7683  |
| Sudan                                                  |                                        |                 |         |                        |                           |              |               |
| Khartoum<br>224                                        | Sudanese pound<br>= 100 piastres       | B               | USD 1 = | SDG 45.6250            | SDG 55.0000               | SDG 55.0000  | SDG 55.0000   |
|                                                        |                                        | S               | USD 1 = | SDG 45.8531            | SDG 55.2750               | SDG 55.2750  | SDG 55.2750   |
|                                                        | SDG                                    | B               | EUR 1 = | SDG 51.0877            | SDG 64.5442               | SDG 64.8054  | SDG 65.8323   |
|                                                        |                                        | S               | EUR 1 = | SDG 51.3431            | SDG 64.8669               | SDG 65.1294  | SDG 66.1614   |
| Suriname                                               |                                        |                 |         |                        |                           |              |               |
| Paramaribo<br>492                                      | Suriname dollar<br>= 100 cents         | B               | USD 1 = | SRD 7.396              | SRD 14.018                | SRD 14.018   | SRD 14.018    |
|                                                        |                                        | S               | USD 1 = | SRD 7.520              | SRD 14.290                | SRD 14.290   | SRD 14.290    |
|                                                        | SRD                                    | B               | EUR 1 = | SRD 8.266              | SRD 16.404                | SRD 16.407   | SRD 16.713    |
|                                                        |                                        | S               | EUR 1 = | SRD 8.399              | SRD 16.722                | SRD 16.725   | SRD 17.037    |
| Sweden                                                 |                                        |                 |         |                        |                           |              |               |
| Stockholm<br>030                                       | Swedish krona<br>= 100 öre             | B               | USD 1 = | SEK 9.4073             | SEK 8.9358                | SEK 8.8607   | SEK 8.4288    |
|                                                        |                                        | S               | USD 1 = | SEK 9.5123             | SEK 9.0408                | SEK 8.9657   | SEK 8.5338    |
|                                                        | SEK                                    | B               | EUR 1 = | SEK 10.5298            | SEK 10.4835               | SEK 10.3440  | SEK 10.1004   |
|                                                        |                                        | S               | EUR 1 = | SEK 10.6448            | SEK 10.5985               | SEK 10.4590  | SEK 10.2154   |

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> Exchange rate as of 22 September 2020.

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

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

| Country <sup>1</sup><br>Capital<br>Country code          | Currency<br>ISO currency code             | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |                |                |
|----------------------------------------------------------|-------------------------------------------|-----------------|---------|------------------------|----------------------|----------------|----------------|
|                                                          |                                           |                 |         |                        | September 2020       | October 2020   | November 2020  |
| Switzerland                                              |                                           |                 |         |                        |                      |                |                |
| Berne<br>039                                             | Swiss franc<br>= 100 rappen/centimes      | B               | USD 1 = | CHF 0.9937             | CHF 0.9230           | CHF 0.9159     | CHF 0.9031     |
|                                                          |                                           | B               | EUR 1 = | CHF 1.1110             | CHF 1.0807           | CHF 1.0693     | CHF 1.0823     |
|                                                          | CHF                                       |                 |         |                        |                      |                |                |
| Syrian Arab Republic <sup>1</sup>                        |                                           |                 |         |                        |                      |                |                |
| Damascus<br>608                                          | Syrian pound<br>= 100 piastres            | B               | USD 1 = | SYP 434.50             | SYP 1,250.00         | SYP 1,250.00   | SYP 1,250.00   |
|                                                          |                                           | S               | USD 1 = | SYP 438.17             | SYP 1,262.00         | SYP 1,262.00   | SYP 1,262.00   |
|                                                          | SYP                                       | B               | EUR 1 = | SYP 486.83             | SYP 1,466.00         | SYP 1,472.00   | SYP 1,496.00   |
|                                                          |                                           | S               | EUR 1 = | SYP 490.98             | SYP 1,480.66         | SYP 1,486.72   | SYP 1,510.96   |
| Tajikistan                                               |                                           |                 |         |                        |                      |                |                |
| Dushanbe<br>082                                          | Somoni<br>= 100 diram                     | M               | USD 1 = | TJS 9.5330             | TJS 10.3292          | TJS 10.3398    | TJS 11.3000    |
|                                                          |                                           | M               | EUR 1 = | TJS 10.6743            | TJS 12.0893          | TJS 12.0707    | TJS 13.4798    |
| TJS                                                      |                                           |                 |         |                        |                      |                |                |
| Tanzania, United Republic of                             |                                           |                 |         |                        |                      |                |                |
| Dodoma<br>Seat of<br>Government:<br>Dar es Salaam<br>352 | Tanzania shilling<br>= 100 cents          | B               | USD 1 = | TZS 2,277.1609         | TZS 2,286.1980       | TZS 2,286.2475 | TZS 2,286.2376 |
|                                                          |                                           | S               | USD 1 = | TZS 2,299.9325         | TZS 2,309.0600       | TZS 2,309.1100 | TZS 2,309.1000 |
|                                                          | TZS                                       | B               | EUR 1 = | TZS 2,545.4570         | TZS 2,676.2234       | TZS 2,700.7442 | TZS 2,729.0819 |
|                                                          |                                           | S               | EUR 1 = | TZS 2,571.5823         | TZS 2,703.6784       | TZS 2,728.6753 | TZS 2,757.2963 |
| Thailand                                                 |                                           |                 |         |                        |                      |                |                |
| Bangkok<br>680                                           | Thai baht<br>= 100 satang                 | B               | USD 1 = | THB 30.8348            | THB 31.4900          | THB 31.0247    | THB 30.1090    |
|                                                          |                                           | S               | USD 1 = | THB 31.1759            | THB 31.8258          | THB 31.3706    | THB 30.4520    |
|                                                          | THB                                       | B               | EUR 1 = | THB 34.2893            | THB 36.7782          | THB 36.0566    | THB 35.8496    |
|                                                          |                                           | S               | EUR 1 = | THB 34.9954            | THB 37.5314          | THB 36.8093    | THB 36.6205    |
| Togo <sup>1</sup>                                        |                                           |                 |         |                        |                      |                |                |
| Lomé<br>280                                              | CFA franc                                 | V               | USD 1 = | XOF 585.937            | XOF 560.264          | XOF 560.743    | XOF 547.543    |
|                                                          | XOF                                       | 2               | EUR 1 = | XOF 655.957            | XOF 655.957          | XOF 655.957    | XOF 655.957    |
| Tonga                                                    |                                           |                 |         |                        |                      |                |                |
| Nuku'alofa<br>817                                        | Pa'anga<br>= 100 seniti                   | M               | TOP 1 = | USD 0.4368             | USD 0.4332           | USD 0.4301     | USD 0.4375     |
|                                                          |                                           | M               | TOP 1 = | EUR 0.3896             | EUR 0.3680           | EUR 0.3676     | EUR 0.3650     |
| TOP                                                      |                                           |                 |         |                        |                      |                |                |
| Trinidad and Tobago                                      |                                           |                 |         |                        |                      |                |                |
| Port-of-Spain<br>472                                     | Trinidad and Tobago dollar<br>= 100 cents | B               | USD 1 = | TTD 6.7302             | TTD 6.7262           | TTD 6.7516     | TTD 6.7357     |
|                                                          |                                           | S               | USD 1 = | TTD 6.7710             | TTD 6.7990           | TTD 6.7977     | TTD 6.7989     |
|                                                          | TTD                                       | B               | EUR 1 = | TTD 7.5084             | TTD 8.5561           | TTD 7.9841     | TTD 8.0013     |
|                                                          |                                           | S               | EUR 1 = | TTD 8.0404             | TTD 8.3958           | TTD 8.5087     | TTD 8.4856     |

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<br>Country code | Currency<br>ISO currency code             | Type of<br>rate | Unit    | Annual average<br>2019 | Rate at end of month |                 |                 |
|-------------------------------------------------|-------------------------------------------|-----------------|---------|------------------------|----------------------|-----------------|-----------------|
|                                                 |                                           |                 |         |                        | September 2020       | October 2020    | November 2020   |
| Tunisia                                         |                                           |                 |         |                        |                      |                 |                 |
| Tunis<br>212                                    | Tunisian dinar<br>= 1,000 millimes        | B               | USD 1 = | TND 2.9209             | TND 2.7680           | TND 2.7695      | TND 2.7256      |
|                                                 |                                           | S               | USD 1 = | TND 2.9238             | TND 2.7707           | TND 2.7723      | TND 2.7284      |
|                                                 | TND                                       | B               | EUR 1 = | TND 3.2721             | TND 3.2429           | TND 3.2362      | TND 3.2689      |
|                                                 |                                           | S               | EUR 1 = | TND 3.2754             | TND 3.2462           | TND 3.2394      | TND 3.2721      |
| Turkey                                          |                                           |                 |         |                        |                      |                 |                 |
| Ankara<br>052                                   | Turkish lira<br>= 100 kuruş               | B               | USD 1 = | TRY 5.6666             | TRY 7.8080           | TRY 8.1211      | TRY 7.7975      |
|                                                 |                                           | S               | USD 1 = | TRY 5.6768             | TRY 7.8221           | TRY 8.1357      | TRY 7.8116      |
|                                                 | TRY                                       | B               | EUR 1 = | TRY 6.3544             | TRY 9.1281           | TRY 9.5974      | TRY 9.2988      |
|                                                 |                                           | S               | EUR 1 = | TRY 6.3659             | TRY 9.1446           | TRY 9.6147      | TRY 9.3156      |
| Turkmenistan <sup>1</sup>                       |                                           |                 |         |                        |                      |                 |                 |
| Ashgabat<br>080                                 | Turkmen manat<br>= 100 tenge              | 2               | USD 1 = | TMT 3.50               | TMT 3.50             | TMT 3.50        | TMT 3.50        |
|                                                 |                                           | M               | EUR 1 = | TMT 3.9183             | TMT 4.0915           | TMT 4.0845      | TMT 4.1867      |
| Uganda                                          |                                           |                 |         |                        |                      |                 |                 |
| Kampala<br>350                                  | Uganda shilling                           | B               | USD 1 = | UGX 3,697.34           | UGX 3,710.78         | UGX 3,735.78    | UGX 3,694.17    |
|                                                 |                                           | S               | USD 1 = | UGX 3,707.34           | UGX 3,720.78         | UGX 3,745.78    | UGX 3,704.17    |
|                                                 | UGX                                       | B               | EUR 1 = | UGX 4,132.84           | UGX 4,320.88961      | UGX 4,389.87074 | UGX 4,397.29794 |
|                                                 |                                           | S               | EUR 1 = | UGX 4,144.01           | UGX 4,332.53377      | UGX 4,401.62162 | UGX 4,409.20129 |
| Ukraine                                         |                                           |                 |         |                        |                      |                 |                 |
| Kyiv<br>072                                     | Hryvnia<br>= 100 kopiyok                  | M               | USD 1 = | UAH 25.8236            | UAH 28.2989          | UAH 28.4383     | UAH 28.4681     |
|                                                 |                                           | M               | EUR 1 = | UAH 28.9192            | UAH 33.1309          | UAH 33.2984     | UAH 33.9596     |
| United Arab Emirates <sup>1</sup>               |                                           |                 |         |                        |                      |                 |                 |
| Abu Dhabi<br>647                                | United Arab Emirates dirham<br>= 100 fils | 2               | USD 1 = | AED 3.6725             | AED 3.6725           | AED 3.6725      | AED 3.6725      |
|                                                 |                                           | V, M            | EUR 1 = | AED 4.1112             | AED 4.2998           | AED 4.2961      | AED 4.3997      |
| United Kingdom <sup>1</sup>                     |                                           |                 |         |                        |                      |                 |                 |
| London<br>006                                   | Pound sterling<br>= 100 pence             | M               | GBP 1 = | USD 1.2766             | USD 1.2924           | USD 1.2933      | USD 1.3353      |
|                                                 |                                           | M               | EUR 1 = | GBP 0.8743             | GBP 0.9072           | GBP 0.9006      | GBP 0.8961      |
| United States                                   |                                           |                 |         |                        |                      |                 |                 |
| Washington<br>400                               | US dollar<br>= 100 cents                  | M               | EUR 1 = | USD 1.11753            | USD 1.1718           | USD 1.1647      | USD 1.1928      |
|                                                 |                                           | M               | GBP 1 = | USD 1.27613            | USD 1.2916           | USD 1.2941      | USD 1.3321      |

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 \*

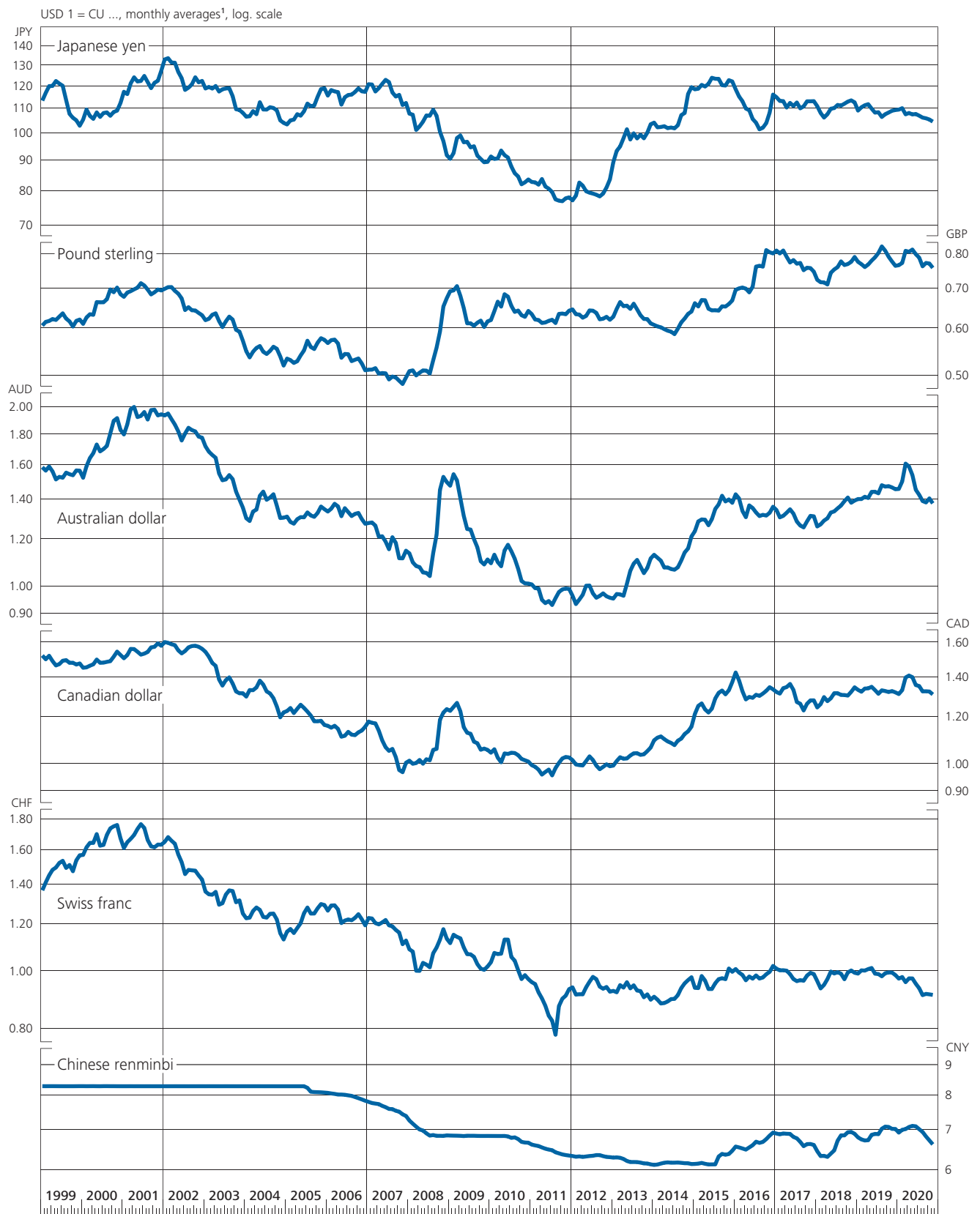
##### 1. Currencies and exchange rates in individual countries (cont'd)

| Country <sup>1</sup><br>Capital<br>Country code | Currency<br>ISO currency code             | Type of<br>rate | Unit    | Annual average<br>2019    | Rate at end of month |                |               |
|-------------------------------------------------|-------------------------------------------|-----------------|---------|---------------------------|----------------------|----------------|---------------|
|                                                 |                                           |                 |         |                           | September 2020       | October 2020   | November 2020 |
| Uruguay                                         |                                           |                 |         |                           |                      |                |               |
| Montevideo<br>524                               | Uruguayan peso<br>= 100 centésimos<br>UYU | M               | USD 1 = | UYU 35.277                | UYU 42.575           | UYU 43.003     | UYU 42.521    |
|                                                 |                                           | M               | EUR 1 = | UYU 39.4599               | UYU 49.9043          | UYU 50.0813    | UYU 50.8190   |
| Uzbekistan                                      |                                           |                 |         |                           |                      |                |               |
| Tashkent<br>081                                 | Uzbekistan sum<br>= 100 tiyin<br>UZS      | M               | USD 1 = | UZS 8,853.99              | UZS 10,321.21        | UZS 10,359.88  | UZS 10,414.86 |
|                                                 |                                           | M               | EUR 1 = | UZS 9,907.42              | UZS 12,003.57        | UZS 12,285.78  | UZS 12,344.73 |
| Vanuatu                                         |                                           |                 |         |                           |                      |                |               |
| Port Vila<br>816                                | Vatu                                      | B               | USD 1 = | VUV 112.90                | VUV 111.18           | VUV 111.81     | VUV 108.58    |
|                                                 |                                           | S               | USD 1 = | VUV 120.29                | VUV 118.25           | VUV 118.92     | VUV 115.48    |
|                                                 | VUV                                       | B               | EUR 1 = | VUV 127.17                | VUV 131.55           | VUV 131.48     | VUV 130.33    |
|                                                 |                                           | S               | EUR 1 = | VUV 132.41                | VUV 136.86           | VUV 136.79     | VUV 135.59    |
| Venezuela, Bolivarian Republic of <sup>1</sup>  |                                           |                 |         |                           |                      |                |               |
| Caracas<br>484                                  | Bolívar Soberano<br>= 100 céntimos<br>VES | B               | USD 1 = | VES 15,870.42             | VES 435,585.76       | VES 517,784.71 | VES 1,048,185 |
|                                                 |                                           | S               | USD 1 = | VES 15,910.20             | VES 436,677.45       | VES 519,082.41 | VES 1,050,812 |
|                                                 | VES                                       | B               | EUR 1 = | VES 17,630.66             | VES 511,639.03       | VES 604,663.80 | VES 1,257,665 |
|                                                 |                                           | S               | EUR 1 = | VES 17,676.40             | VES 512,921.33       | VES 606,179.25 | VES 1,260,817 |
| Viet Nam                                        |                                           |                 |         |                           |                      |                |               |
| Hanoi<br>690                                    | Dong<br>= 10 hào<br>= 100 xu<br>VND       | B               | USD 1 = | VND 23,173                | VND 23,090           | VND 23,090     | VND 23,050    |
|                                                 |                                           | S               | USD 1 = | VND 23,286                | VND 23,270           | VND 23,270     | VND 23,230    |
|                                                 | VND                                       | B               | EUR 1 = | VND 25,841.32             | VND 26,720.52        | VND 26,642.93  | VND 27,259.92 |
|                                                 |                                           | S               | EUR 1 = | VND 26,611.82             | VND 27,802.47        | VND 27,721.73  | VND 28,363.75 |
| Yemen                                           |                                           |                 |         |                           |                      |                |               |
| Sana'a<br>653                                   | Yemeni rial<br>= 100 fils<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    |
|                                                 | YER                                       | B               | EUR 1 = | YER 279.90                | YER 293.39           | YER 294.46     | YER 299.09    |
|                                                 |                                           | S               | EUR 1 = | YER 280.46                | YER 293.97           | YER 295.05     | YER 299.69    |
| Zambia                                          |                                           |                 |         |                           |                      |                |               |
| Lusaka<br>378                                   | Kwacha<br>= 100 ngwee<br>ZMW              | B               | USD 1 = | ZMW 12.9734               | ZMW 19.9929          | ZMW 20.3892    | ZMW 20.9852   |
|                                                 |                                           | S               | USD 1 = | ZMW 13.0234               | ZMW 20.0429          | ZMW 20.4392    | ZMW 21.0338   |
|                                                 | ZMW                                       | B               | EUR 1 = | ZMW 14.5150               | ZMW 23.4057          | ZMW 23.8472    | ZMW 25.1570   |
|                                                 |                                           | S               | EUR 1 = | ZMW 14.5761               | ZMW 23.4663          | ZMW 23.9118    | ZMW 25.2216   |
| Zimbabwe                                        |                                           |                 |         |                           |                      |                |               |
| Harare<br>382                                   | Zimbabwe dollar<br>= 100 cents<br>ZWL     | M               | USD 1 = | ZWL 9.49651 <sup>2</sup>  | ZWL 81.44390         | ZWL 81.35310   | ZWL 81.81510  |
|                                                 |                                           | M               | EUR 1 = | ZWL 10.51168 <sup>2</sup> | ZWL 95.59490         | ZWL 95.00435   | ZWL 97.96560  |

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> Average from February to December 2019.

#### 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 (country code) | Currency              | Country or territory (country code)       | Currency                       |
|-------------------------------------|-----------------------|-------------------------------------------|--------------------------------|
| Åland Islands                       | Euro                  | Madeira (010)                             | Euro                           |
| Alhucemas                           | Euro                  | Marie-Galante (001)                       | Euro                           |
| American Samoa (830)                | US dollar             | Marshall Islands (824)                    | US dollar                      |
| Andaman Islands                     | Indian rupee          | Martinique (001)                          | Euro                           |
| Andorra 1 (043)                     | Euro                  | Mayotte (377)                             | Euro                           |
| Anguilla (446)                      | East Caribbean dollar | Melilla (023)                             | Euro                           |
| Azores (010)                        | Euro                  | Micronesia, Federated States of (823)     | US dollar                      |
|                                     |                       | Monaco 1 (001)                            | Euro                           |
|                                     |                       | Montenegro (097)                          | Euro                           |
|                                     |                       | Montserrat (470)                          | East Caribbean dollar          |
| Baker Island (832)                  | US dollar             | Mooréa                                    | CFP franc                      |
| Balearics                           | Euro                  |                                           |                                |
| Bali                                | Indonesian rupiah     |                                           |                                |
| Bonaire (475)                       | US dollar             | Nauru (803)                               | Australian dollar              |
| Bora-Bora                           | CFP franc             | Newfoundland                              | Canadian dollar                |
| Borneo (northern part) (701)        | Malaysian ringgit     | Nicobar Islands                           | Indian rupee                   |
| Borneo (southern part) (700)        | Indonesian rupiah     | Niue (838)                                | New Zealand dollar             |
| British Virgin Islands (468)        | US dollar             | Norfolk Island (836)                      | Australian dollar              |
|                                     |                       | Northern Mariana Islands (820)            | US dollar                      |
|                                     |                       |                                           |                                |
| Canary Islands (011)                | Euro                  |                                           |                                |
| Ceuta (021)                         | Euro                  | Palau (825)                               | US dollar                      |
| Chafarinas (Islands)                | Euro                  | Pescadores                                | New Taiwan dollar              |
| Christmas Island (834)              | Australian dollar     | Pitcairn Islands Group (813)              | New Zealand dollar             |
| Cocos Islands (833)                 | Australian dollar     | Puerto Rico (400)                         | US dollar                      |
|                                     |                       |                                           |                                |
| Désirade (001)                      | Euro                  |                                           |                                |
|                                     |                       | Réunion (001)                             | Euro                           |
|                                     |                       |                                           |                                |
| Easter Island                       | Chilean peso          |                                           |                                |
| Ecuador 1 (500)                     | US dollar             | Saba (475)                                | US dollar                      |
|                                     |                       | San Marino 1 (047)                        | Euro                           |
| Faroe Islands 1 (041)               | Danish krone          | Spitzbergen/Spitsbergen (028)             | Norwegian krone                |
| (French) Guiana (001)               | Euro                  | St Barthélemy (001)                       | Euro                           |
| French Polynesia (822)              | CFP franc             | St Eustatius (475)                        | US dollar                      |
|                                     |                       | St Martin (northern part) (001)           | Euro                           |
|                                     |                       | St Pierre and Miquelon (408)              | Euro                           |
|                                     |                       | Sumatra                                   | Indonesian rupiah              |
| Galapagos Islands (500)             | US dollar             | Swan Islands (424)                        | Honduran lempira               |
| Gozo (Island of)                    | Euro                  |                                           |                                |
| Greenland (406)                     | Danish krone          | Tahiti (822)                              | CFP franc                      |
| Guadeloupe (001)                    | Euro                  | Tibet (720)                               | Chinese renminbi               |
| Guam (831)                          | US dollar             | Timor-Leste 1 (626)                       | US dollar                      |
| Guernsey 1 (107)                    | Pound sterling        | Tokelau (839)                             | New Zealand dollar/Samoan tala |
|                                     |                       | Turks and Caicos Islands 1 (454)          | US dollar                      |
| Howland Island (832)                | US dollar             | Tuvalu 1 (807)                            | Australian dollar              |
|                                     |                       |                                           |                                |
| Isle of Man 1 (109)                 | Pound sterling        | Vatican City 1 (045)                      | Euro                           |
|                                     |                       | Virgin Islands of the United States (457) | US dollar                      |
| Jarvis Island (832)                 | US dollar             |                                           |                                |
| Java                                | Indonesian rupiah     |                                           |                                |
| Jersey 1 (108)                      | Pound sterling        | Wallis and Futuna (Islands) (811)         | CFP franc                      |
|                                     |                       | Western Sahara (203)                      | Moroccan dirham                |
| Kiribati 1 (812)                    | Australian dollar     |                                           |                                |
| Kosovo (095)                        | Euro                  | Zanzibar (Island) (352)                   | Tanzania shilling              |
|                                     | Serbian dinar         |                                           |                                |
| Laccadive Islands                   | Indian rupee          |                                           |                                |
| Les Saintes Islands (001)           | Euro                  |                                           |                                |
| Liechtenstein (021)                 | Swiss franc           |                                           |                                |

Sources: Central banks and The Statesman's Yearbook. \* See Explanatory notes, p. 50. <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 |
|--------------|------------------|-------------|---------------------------------|---------------------|-----------------------|------------------------|--------------------|---------------------|---------------------------|----------------------|
| 2005         | 1.42927          | 1.21155     | 11.5345                         | 168.610             | 0.830055              | 1.66418                | 1.87848            | 9.03881             | 9.67427                   | 11.3363              |
| 2006         | 1.50440          | 1.14229     | 11.7474                         | 178.948             | 0.766377              | 1.75308                | 1.83582            | 8.51702             | 9.41017                   | 10.3390              |
| 2007         | 1.58025          | 1.07346     | 11.5302                         | 179.947             | 0.788780              | 1.56144                | 1.77857            | 8.02021             | 8.55074                   | 10.2088              |
| 2008         | 1.54027          | 1.10675     | 10.5271                         | 140.464             | 1.05657               | 1.88621                | 1.63839            | 8.18003             | 10.7802                   | 12.0833              |
| 2009         | 1.56769          | 1.08822     | 10.7045                         | 143.797             | 0.968007              | 1.64075                | 1.61551            | 8.10688             | 9.05608                   | 11.3070              |
| 2010         | 1.54003          | 1.15966     | 10.1995                         | 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     | 9.6666                          | 133.020             | 0.953662              | 1.52954                | 1.40874            | 8.69762             | 8.55432                   | 10.0140              |
| 2013         | 1.54000          | 1.11732     | 9.3977                          | 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             | 10.7693                   | 11.3176              |
| 2015         | 1.38573          | 1.27283     | 8.99548                         | 167.116             | 0.935104              | 1.91785                | 1.37478            | 9.47221             | 12.2069                   | 11.5742              |
| 2016         | 1.34433          | 1.27534     | 9.34283                         | 157.018             | 1.09278               | 1.80503                | 1.36826            | 9.48128             | 11.5881                   | 12.2295              |
| 2017         | 1.42413          | 1.18747     | 9.27343                         | 160.785             | 1.05402               | 1.78837                | 1.38967            | 8.84056             | 11.6850                   | 11.7238              |
| 2018         | 1.39079          | 1.21424     | 9.53107                         | 154.141             | 1.09550               | 1.89153                | 1.36451            | 9.06709             | 12.1106                   | 12.4768              |
| 2019         | 1.38283          | 1.23588     | 9.66184                         | 150.894             | 1.05386               | 1.80583                | 1.34362            | 9.23156             | 12.1685                   | 12.8879              |
| 2018 Dec.    | 1.39079          | 1.21424     | 9.53107                         | 154.141             | 1.09550               | 1.89153                | 1.36451            | 9.06709             | 12.1106                   | 12.4768              |
| 2019 Jan.    | 1.40070          | 1.21927     | 9.39364                         | 152.564             | 1.06683               | 1.84108                | 1.39089            | 9.10274             | 11.7810                   | 12.6277              |
| Feb.         | 1.39798          | 1.22458     | 9.35008                         | 155.021             | 1.05087               | 1.84099                | 1.38854            | 9.13676             | 11.9112                   | 12.9179              |
| Mar.         | 1.38825          | 1.23565     | 9.33053                         | 153.985             | 1.05929               | 1.85512                | 1.38256            | 9.22441             | 11.9351                   | 12.8859              |
| Apr.         | 1.38576          | 1.23530     | 9.34152                         | 154.789             | 1.06511               | 1.86011                | 1.41237            | 9.22101             | 11.9426                   | 13.1801              |
| May          | 1.37762          | 1.23542     | 9.51040                         | 150.615             | 1.09504               | 1.86351                | 1.38444            | 9.22739             | 12.0966                   | 13.1570              |
| June         | 1.39021          | 1.22163     | 9.54627                         | 149.698             | 1.09573               | 1.81937                | 1.35532            | 9.11768             | 11.8422                   | 12.8891              |
| July         | 1.37542          | 1.23345     | 9.46755                         | 149.315             | 1.13063               | 1.80840                | 1.36159            | 9.21065             | 12.0604                   | 13.1541              |
| Aug.         | 1.36834          | 1.23989     | 9.77011                         | 145.632             | 1.12362               | 1.82130                | 1.35363            | 9.24488             | 12.4460                   | 13.3967              |
| Sep.         | 1.36331          | 1.25200     | 9.71931                         | 147.169             | 1.10829               | 1.80543                | 1.35697            | 9.34763             | 12.3889                   | 13.3668              |
| Oct.         | 1.37939          | 1.23668     | 9.70789                         | 150.119             | 1.06439               | 1.81528                | 1.36208            | 9.23898             | 12.6784                   | 13.2827              |
| Nov.         | 1.37290          | 1.24707     | 9.65027                         | 149.797             | 1.06509               | 1.82294                | 1.36981            | 9.31706             | 12.5979                   | 13.1661              |
| Dec.         | 1.38283          | 1.23588     | 9.66184                         | 150.894             | 1.05386               | 1.80583                | 1.34362            | 9.23156             | 12.1685                   | 12.8879              |
| 2020 Jan.    | 1.37695          | 1.24588     | 9.56160                         | 150.129             | 1.04899               | 1.82212                | 1.33378            | 9.31064             | 12.6947                   | 13.3020              |
| Feb.         | 1.37328          | 1.25105     | 9.61381                         | 150.237             | 1.06605               | 1.84418                | 1.32679            | 9.34824             | 12.9970                   | 13.2864              |
| Mar.         | 1.36480          | 1.24571     | 9.68007                         | 148.354             | 1.10416               | 1.93624                | 1.31758            | 9.30215             | 14.3382                   | 13.7532              |
| Apr.         | 1.36640          | 1.25635     | 9.63902                         | 145.631             | 1.09225               | 1.90066                | 1.32602            | 9.37040             | 14.0510                   | 13.4540              |
| May          | 1.37202          | 1.23206     | 9.80488                         | 146.998             | 1.11329               | 1.89160                | 1.31940            | 9.18400             | 13.2914                   | 12.9906              |
| June         | 1.37570          | 1.22852     | 9.72356                         | 148.190             | 1.12114               | 1.87480                | 1.30760            | 9.15566             | 13.4056                   | 12.8614              |
| July         | 1.41307          | 1.19266     | 9.87099                         | 147.736             | 1.07556               | 1.89408                | 1.28356            | 8.87847             | 12.8000                   | 12.2281              |
| Aug.         | 1.41891          | 1.18837     | 9.72819                         | 149.511             | 1.06618               | 1.85055                | 1.28376            | 8.84603             | 12.4244                   | 12.2621              |
| Sep.         | 1.40757          | 1.20223     | 9.58359                         | 148.907             | 1.09688               | 1.87756                | 1.29778            | 8.95207             | 13.3458                   | 12.6517              |
| Oct.         | 1.41164          | 1.20674     | 9.45555                         | 147.629             | 1.08722               | 1.88002                | 1.29370            | 8.98610             | 13.3876                   | 12.5822              |
| Nov.         | 1.43009          | 1.19373     | 9.41673                         | 148.544             | 1.07079               | 1.85411                | 1.29166            | 8.88289             | 12.6070                   | 12.1290              |
| 2020 Oct. 22 | 1.41867          | 1.20012     | 9.45680                         | 148.492             | 1.08283               | 1.86441                | 1.28751            | 8.92993             | 13.1204                   | 12.3938              |
| 23           | 1.41961          | 1.19737     | 9.47149                         | 148.661             | 1.08574               | 1.86536                | 1.28403            | 8.90932             | 13.0727                   | 12.4427              |
| 26           | 1.41723          | 1.19911     | 9.49091                         | 148.639             | 1.08558               | 1.87088                | 1.28514            | 8.92284             | 13.1261                   | 12.4384              |
| 27           | 1.41765          | 1.19815     | 9.51348                         | 148.556             | 1.08624               | 1.86620                | 1.28723            | 8.91488             | 12.9877                   | 12.4097              |
| 28           | 1.41319          | 1.20507     | 9.48605                         | 147.282             | 1.09101               | 1.87982                | 1.28819            | 8.96990             | 13.2188                   | 12.3989              |
| 29           | 1.41199          | 1.20642     | 9.46853                         | 147.398             | 1.09101               | 1.88486                | 1.28851            | 8.98319             | 13.4509                   | 12.5115              |
| 30           | 1.41164          | 1.20674     | 9.45555                         | 147.629             | 1.08722               | 1.88002                | 1.29370            | 8.98610             | 13.3876                   | 12.5822              |
| Nov. 2       | 1.40972          | 1.20986     | 9.44180                         | 147.654             | 1.09222               | 1.86887                | 1.29314            | 9.00795             | 13.4448                   | 12.5888              |
| 3            | 1.41284          | 1.20735     | 9.45546                         | 147.654             | 1.08777               | 1.85718                | 1.29233            | 8.99022             | 13.2933                   | 12.5456              |
| 4            | 1.41340          | 1.20587     | 9.49217                         | 148.266             | 1.08540               | 1.85693                | 1.28931            | 8.97964             | 13.2143                   | 12.5389              |
| 5            | 1.41964          | 1.19750     | 9.42694                         | 148.040             | 1.08597               | 1.85277                | 1.28797            | 8.91742             | 12.9930                   | 12.4291              |
| 6            | 1.42431          | 1.19993     | 9.43281                         | 147.687             | 1.08474               | 1.85717                | 1.28217            | 8.93855             | 13.1035                   | 12.3937              |
| 9            | 1.42490          | 1.19911     | 9.36014                         | 147.235             | 1.08201               | 1.84809                | 1.28348            | 8.93041             | 12.8426                   | 12.2899              |
| 10           | 1.42002          | 1.20259     | 9.39091                         | 149.244             | 1.07058               | 1.84844                | 1.30031            | 8.95263             | 12.8218                   | 12.2408              |
| 11           | 1.41811          | 1.20526     | 9.37040                         | 149.100             | 1.06878               | .                      | 1.30225            | 8.97094             | 12.8689                   | 12.2447              |
| 12           | 1.41909          | 1.20353     | 9.41026                         | 149.402             | 1.07846               | 1.86227                | 1.29797            | 8.96138             | 12.9570                   | 12.2534              |
| 13           | 1.41982          | 1.20170     | 9.39417                         | 148.967             | 1.07823               | 1.86663                | 1.29942            | 8.94879             | 12.9932                   | 12.2753              |
| 16           | 1.42154          | 1.20164     | 9.35034                         | 148.807             | 1.07656               | 1.86008                | 1.29915            | 8.94983             | 12.8948                   | 12.2878              |
| 17           | 1.42536          | 1.19959     | 9.35716                         | 148.921             | 1.07408               | 1.86636                | 1.29729            | 8.93455             | 12.9176                   | 12.2770              |
| 18           | 1.42562          | 1.20123     | 9.32784                         | 148.364             | 1.07363               | 1.86228                | 1.29809            | 8.95103             | 12.8669                   | 12.2426              |
| 19           | 1.42329          | 1.20292     | 9.36102                         | 147.795             | 1.07370               | .                      | 1.29819            | 8.96146             | 12.8592                   | 12.2944              |
| 20           | 1.42552          | 1.20166     | 9.37040                         | 148.069             | 1.07360               | .                      | 1.29922            | 8.95103             | 12.8112                   | 12.2644              |
| 23           | 1.42766          | 1.19961     | 9.38183                         | .                   | 1.06777               | 1.86766                | 1.29610            | 8.93368             | 12.8242                   | 12.2751              |
| 24           | 1.42453          | 1.20062     | 9.37128                         | 148.949             | 1.06806               | 1.85659                | 1.30052            | 8.93551             | 12.8188                   | 12.2366              |
| 25           | 1.42527          | 1.19872     | 9.37576                         | 148.941             | 1.06934               | 1.85328                | 1.30078            | 8.92077             | 12.6450                   | 12.1500              |
| 30           | 1.43009          | 1.19373     | 9.41673                         | 148.544             | 1.07079               | 1.85411                | 1.29166            | 8.88289             | 12.6070                   | 12.1290              |
| Dec. 1       | 1.42900          | 1.19402     | 9.37726                         | 148.988             | 1.07234               | 1.85084                | 1.29439            | 8.88841             | 12.6600                   | 12.1798              |
| 2            | 1.43203          | 1.18683     | 9.40230                         | 149.418             | 1.07312               | 1.85218                | 1.28775            | 8.83447             | 12.6993                   | 12.1996              |
| 3            | 1.43674          | 1.18240     | 9.42223                         | 150.067             | 1.06892               | 1.85052                | 1.28207            | 8.80173             | 12.6599                   | 12.1719              |
| 4            | 1.43929          | 1.18372     | 9.40256                         | 149.398             | 1.06887               | 1.84243                | 1.28090            | 8.81034             | 12.6182                   | 12.1498              |
| 7            | 1.43476          | 1.18302     | 9.37471                         | 149.330             | 1.08239               | 1.83664                | 1.27923            | 8.80553             | 12.5788                   | 12.1965              |
| 8            | 1.43562          | 1.18509     | 9.38324                         | 149.376             | 1.07832               | 1.83874                | 1.27763            | 8.82130             | 12.5955                   | 12.0824              |
| 9            | 1.43703          | 1.18674     | 9.38553                         | 149.666             | 1.06775               | 1.83982                | 1.27701            | 8.83283             | 12.5513                   | 12.1410              |
| 10           | 1.43348          | 1.18323     | 9.39241                         | 149.469             | 1.08155               | 1.82539                | 1.27458            | 8.80584             | 12.6605                   | 12.1456              |
| 11           | 1.43446          | 1.18287     | 9.37928                         | 149.199             | 1.08812               | 1.83167                | 1.27517            | 8.80398             | 12.6528                   | 12.1347              |

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 2019

| Exchange rate arrangement       | Monetary policy framework                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                |                                  |                                                   |                                                                                                                                                                                                                     |                                                                                                                                  |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                                 | Exchange rate target                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                |                                  |                                                   | Monetary aggregate target                                                                                                                                                                                           | Inflation-targeting framework                                                                                                    |
|                                 | US dollar                                                                                                                                                                                           | Euro                                                                                                                                                                                                                                                                                                                           | Exchange rate anchor Composite   | Other                                             |                                                                                                                                                                                                                     |                                                                                                                                  |
| <b>No separate legal tender</b> | 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                       |                                                                                                                                                                                                                     |                                                                                                                                  |
| <b>Currency board</b>           | Djibouti<br>Hong Kong<br><br><b>ECCU</b> <sup>2</sup><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                              |                                                                                                                                                                                                                     |                                                                                                                                  |
| <b>Conventional peg</b>         | 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 <sup>4</sup><br>Sao Tome and Principe<br><br><b>WAEMU</b> <sup>5</sup><br>Benin<br>Burkina Faso<br>Côte d'Ivoire<br>Guinea-Bissau<br>Mali<br>Niger<br>Senegal<br>Togo<br><br><b>CAEMC</b> <sup>6</sup><br>Cameroon<br>Central African Republic<br>Chad<br>Congo<br>Equatorial Guinea<br>Gabon | Fiji<br>Kuwait<br>Libya          | Bhutan<br>Eswatini<br>Lesotho<br>Namibia<br>Nepal | Samoa <sup>3</sup>                                                                                                                                                                                                  | Solomon Islands <sup>3</sup>                                                                                                     |
| <b>Stabilised arrangement</b>   | Guyana<br>Iran, Islamic Republic of <sup>7</sup><br>Lebanon<br>Maldives<br>Trinidad and Tobago                                                                                                      | Croatia<br>North Macedonia                                                                                                                                                                                                                                                                                                     | Morocco<br>Viet Nam <sup>7</sup> |                                                   | Bolivia, Plurinational State of <sup>7</sup><br>Congo, Democratic Republic of the <sup>7</sup><br>Guinea <sup>7</sup><br>Malawi <sup>7</sup><br>Nigeria <sup>7</sup><br>Suriname <sup>7</sup><br>Yemen <sup>7</sup> | Armenia <sup>7,8</sup><br>Guatemala <sup>7,9</sup><br>Romania <sup>8,9,10</sup><br>Serbia <sup>10</sup>                          |
| <b>Crawling peg</b>             | Honduras<br>Nicaragua                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                | Botswana                         |                                                   |                                                                                                                                                                                                                     | Azerbaijan <sup>7</sup><br>Egypt <sup>7</sup><br>Kyrgyzstan <sup>7,8</sup><br>Sudan <sup>7</sup><br>Tajikistan <sup>7,9,11</sup> |

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2019, Table 2, IMF, Washington. \* See Explanatory notes, pp. 51-52. <sup>1</sup> Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. <sup>2</sup> The members participate in the Eastern Caribbean

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

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

As of end-April 2019

AS of end April 2015

| 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                       | Liberia                   |      | Singapur                       |       | Algeria 7<br>Bangladesh 7<br>Burundi 7<br>Ethiopia 7<br>Papua New Guinea 7<br>Rwanda 7<br>Tanzania, United Republic of 7 | Dominican Republic 7<br>Paraguay 7                                                                                                                                                                                                                                                                                  | Haiti 7<br>Lao People's Democratic Republic 7<br>Mauritania 7<br>Sri Lanka 7,11<br>South Sudan 7,8<br>Tunisia 10,11<br>Uzbekistan 7,9,11                                                                                                                            |
| Pegged exchange rate within horizontal bands |                           |      |                                |       |                                                                                                                          |                                                                                                                                                                                                                                                                                                                     | Tonga 3                                                                                                                                                                                                                                                             |
| Other managed arrangement                    | Cambodia                  |      | Syrian Arab Republic           |       | Afghanistan<br>Angola<br>China<br>Gambia<br>Myanmar<br>Sierra Leone                                                      |                                                                                                                                                                                                                                                                                                                     | Kenya 11<br>Mongolia 8,9,11<br>Pakistan 8<br>Vanuatu<br>Venezuela, Bolivarian Republic of                                                                                                                                                                           |
| Floating                                     |                           |      |                                |       | Argentina<br>Belarus<br>Madagascar<br>Seychelles<br>Zimbabwe                                                             | Albania<br>Brazil<br>Colombia<br>Costa Rica<br>Czechia<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>South Africa<br>Thailand<br>Turkey<br>Uganda<br>Ukraine<br>Uruguay | Malaysia<br>Mauritius<br>Mozambique 11<br>Switzerland<br>Zambia                                                                                                                                                                                                     |
| Free floating                                |                           |      |                                |       |                                                                                                                          | Australia<br>Canada<br>Chile<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 or monetary policy framework was reclassified retroactively, overriding a previously published classification. <sup>9</sup> The exchange rate arrangement was reclassified twice during this reporting period. <sup>10</sup> The country maintains a de facto exchange rate

anchor to the euro. <sup>11</sup> The central bank is in transition toward inflation targeting. <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                                                                            | CUC      | Convertible peso       | Cuba <sup>1</sup>                                                                                                                                                                                                                    | GMD      | Dalasi                | Gambia                                 |
| AFN      | Afghani                       | Afghanistan                                                                                     | CUP      | Cuban peso             | Cuba                                                                                                                                                                                                                                 | GNF      | Guinean franc         | Guinea                                 |
| ALL      | Albanian lek                  | Albania                                                                                         | CVE      | Cabo Verde escudo      | Cabo Verde                                                                                                                                                                                                                           | GTQ      | Quetzal               | Guatemala                              |
| AMD      | Armenian dram                 | Armenia                                                                                         | CZK      | Czech koruna           | Czechia                                                                                                                                                                                                                              | 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                                  |
| AWG      | Aruban florin                 | Aruba                                                                                           | EGP      | Egyptian pound         | Egypt                                                                                                                                                                                                                                | HUF      | Hungarian forint      | Hungary                                |
| AZN      | Azerbaijan manat              | Azerbaijan                                                                                      | ERN      | Nakfa                  | Eritrea                                                                                                                                                                                                                              | IDR      | Indonesian rupiah     | Indonesia                              |
| BAM      | Convertible marka             | Bosnia and Herzegovina                                                                          | ETB      | Birr                   | Ethiopia                                                                                                                                                                                                                             | ILS      | New shekel            | Israel                                 |
| BBD      | Barbados dollar               | Barbados                                                                                        | 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                        |
| BDT      | Taka                          | Bangladesh                                                                                      |          |                        | Åland Islands<br>Andorra<br>(French) Guiana<br>Guadeloupe<br>Martinique<br>Mayotte<br>Monaco<br>Montenegro<br>Réunion<br>Saint Pierre and Miquelon<br>Saint Barthélemy<br>Saint Martin (northern part)<br>San Marino<br>Vatican City | IQD      | Iraqi dinar           | Iraq                                   |
| BGN      | Bulgarian lev                 | Bulgaria                                                                                        |          |                        |                                                                                                                                                                                                                                      | IRR      | Iranian rial          | Iran, Islamic Republic of              |
| BHD      | Bahraini dinar                | Bahrain                                                                                         |          |                        |                                                                                                                                                                                                                                      | ISK      | Icelandic krona       | Iceland                                |
| BIF      | Burundi franc                 | Burundi                                                                                         |          |                        |                                                                                                                                                                                                                                      | JMD      | Jamaican dollar       | Jamaica                                |
| BMD      | Bermudian dollar              | Bermuda                                                                                         |          |                        |                                                                                                                                                                                                                                      | JOD      | Jordanian dinar       | Jordan                                 |
| BND      | Brunei dollar                 | Brunei Darussalam                                                                               |          |                        |                                                                                                                                                                                                                                      | JPY      | Japanese yen          | Japan                                  |
| 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                                                                                                                                                                                                                                 | LAK      | Kip                   | Lao People's Democratic Republic       |
| CDF      | Congo franc                   | Congo, Democratic Republic of the                                                               | FKP      | Falkland Islands pound | Falkland Islands (Islas Malvinas)                                                                                                                                                                                                    | LBP      | Lebanese pound        | Lebanon                                |
| CHF      | Swiss franc                   | Switzerland<br>Liechtenstein                                                                    | GBP      | Pound sterling         | United Kingdom<br>Guernsey<br>Isle of Man<br>Jersey                                                                                                                                                                                  | LKR      | Sri Lanka rupee       | Sri Lanka                              |
| CLP      | Chilean peso                  | Chile                                                                                           | GEL      | Lari                   | Georgia                                                                                                                                                                                                                              | LRD      | Liberian dollar       | Liberia                                |
| CNY      | Chinese renminbi              | China                                                                                           | GHS      | Ghana cedi             | Ghana                                                                                                                                                                                                                                | LSL      | Loti                  | Lesotho                                |
| COP      | Colombian peso                | Colombia                                                                                        | GIP      | Gibraltar pound        | Gibraltar                                                                                                                                                                                                                            | LYD      | Libyan dinar          | Libya                                  |
| CRC      | Costa Rican colón             | Costa Rica                                                                                      |          |                        |                                                                                                                                                                                                                                      |          |                       |                                        |

\* Extracted and compiled from ISO communications. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff.

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

## 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 ECB 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 for 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?f184ad85cc2c5ccef05680706893cde>).

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 (see Deutsche Bundesbank, Monthly Report, November 2001, p. 50 ff., May 2007, p. 31 ff. and August 2017, p. 41 ff.).

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

## 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.

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.

The numerical country code is based on the list of countries for foreign trade and payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Service / Reporting systems / External sector / Code lists.

## ■ 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 in-

cluded 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  |

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 incor-

porated 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 2019 (see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2019”, which can be purchased from the IMF (<http://www.imfbookstore.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 deter-

mined 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 nor-

mally 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

Alongside the convertible peso (CUC), which is primarily intended for use by foreigners, there is the Cuban peso (CUP), which is generally used to pay wages and salaries.

In its national accounts, the Cuban government has set the CUC to CUP exchange rate at 1:1. In reality, Cuban pesos can only be exchanged for convertible pesos at a considerable discount.

With effect from 18 March 2005, the Cuban central bank decreed (Acuerdo no 13/2005) that the exchange rate for currency conversion by individuals would be as follows.

The government foreign exchange bureaus (CADECA – casas de cambio) will pay CUP 24 per CUC or USD. Individuals wanting to purchase CUC must, as of that date, pay CUP 25 per CUC.

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

## El Salvador

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

## Equatorial Guinea

See Explanatory notes on Cameroon.

## Eswatini

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

## Gabon

See Explanatory notes on Cameroon.

## Guinea-Bissau

See Explanatory notes on Benin.

## India

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

## Iran, Islamic Republic of

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

### Central bank rate

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

NIMA rate (see <https://www.sanarate.ir/Default.aspx>)

For other, non-specified goods imports and services. Access to the electronic platform NIMA is possible only for certain importers as well as exchange bureaus.

### Bureau de change rate

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

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

## 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

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

## 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**

Alongside the official published reference exchange rates, there are bureau de change rates, which deviate. According to financial information providers, the bureau de change rate was approximately 460 Naira to the US dollar at the middle of September 2020.

## **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**

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