

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

1. End-of-month and daily rates

EUR 1 = CU ...

| EU member countries | | | | | | | | |
|---------------------|----------------------|---------------------|---------------------|-------------------------|---------------------|---------------------|----------------------|--|
| Period | Bulgaria | Czechia | Denmark | Hungary | Poland | Romania | Sweden | |
| | Bulgarian lev BGN | Czech koruna CZK | Danish krone DKK | Hungarian forint HUF | Polish zloty PLN | Romanian leu RON | Swedish krona SEK | |
| 2023 Mar. | 1.9558 | 23.492 | 7.4485 | 379.50 | 4.6700 | 4.9490 | 11.2805 | |
| Apr. | 1.9558 | 23.502 | 7.4538 | 373.78 | 4.5815 | 4.9301 | 11.3515 | |
| May | 1.9558 | 23.741 | 7.4480 | 370.85 | 4.5368 | 4.9695 | 11.6278 | |
| June | 1.9558 | 23.742 | 7.4474 | 371.93 | 4.4388 | 4.9635 | 11.8055 | |
| July | 1.9558 | 23.900 | 7.4529 | 386.93 | 4.4070 | 4.9349 | 11.5895 | |
| Aug. | 1.9558 | 24.072 | 7.4523 | 380.13 | 4.4673 | 4.9420 | 11.8430 | |
| Sep. | 1.9558 | 24.339 | 7.4571 | 389.50 | 4.6283 | 4.9735 | 11.5325 | |
| Oct. | 1.9558 | 24.558 | 7.4647 | 382.13 | 4.4405 | 4.9659 | 11.8275 | |
| Nov. | 1.9558 | 24.292 | 7.4548 | 380.75 | 4.3490 | 4.9718 | 11.4308 | |
| Dec. | 1.9558 | 24.724 | 7.4529 | 382.80 | 4.3395 | 4.9756 | 11.0960 | |
| 2024 Jan. | 1.9558 | 24.891 | 7.4550 | 384.90 | 4.3330 | 4.9758 | 11.2682 | |
| Feb. | 1.9558 | 25.363 | 7.4540 | 393.48 | 4.3208 | 4.9706 | 11.2150 | |
| Mar. | 1.9558 | 25.305 | 7.4580 | 395.26 | 4.3123 | 4.9735 | 11.5250 | |
| 2024 Mar. 20 | 1.9558 | 25.289 | 7.4572 | 395.33 | 4.3248 | 4.9721 | 11.3595 | |
| 21 | 1.9558 | 25.243 | 7.4579 | 393.35 | 4.3028 | 4.9734 | 11.3645 | |
| 22 | 1.9558 | 25.371 | 7.4581 | 396.30 | 4.3170 | 4.9727 | 11.4025 | |
| 25 | 1.9558 | 25.266 | 7.4585 | 396.17 | 4.3078 | 4.9712 | 11.4570 | |
| 26 | 1.9558 | 25.277 | 7.4590 | 395.45 | 4.3093 | 4.9702 | 11.4530 | |
| 27 | 1.9558 | 25.319 | 7.4582 | 395.40 | 4.3148 | 4.9721 | 11.5060 | |
| 28 | 1.9558 | 25.305 | 7.4580 | 395.26 | 4.3123 | 4.9735 | 11.5250 | |
| Apr. 2 | 1.9558 | 25.361 | 7.4582 | 395.63 | 4.2938 | 4.9699 | 11.5575 | |
| 3 | 1.9558 | 25.352 | 7.4589 | 393.20 | 4.2968 | 4.9687 | 11.5750 | |
| 4 | 1.9558 | 25.322 | 7.4589 | 391.55 | 4.2955 | 4.9687 | 11.5105 | |
| 5 | 1.9558 | 25.286 | 7.4590 | 390.10 | 4.2835 | 4.9677 | 11.5260 | |
| 8 | 1.9558 | 25.354 | 7.4588 | 390.78 | 4.2773 | 4.9681 | 11.4675 | |
| 9 | 1.9558 | 25.380 | 7.4590 | 389.20 | 4.2565 | 4.9682 | 11.4555 | |
| 10 | 1.9558 | 25.368 | 7.4594 | 389.18 | 4.2563 | 4.9690 | 11.4345 | |
| 11 | 1.9558 | 25.392 | 7.4604 | 389.80 | 4.2570 | 4.9713 | 11.5310 | |
| 12 | 1.9558 | 25.337 | 7.4603 | 391.63 | 4.2603 | 4.9717 | 11.5699 | |
| 15 | 1.9558 | 25.324 | 7.4606 | 394.25 | 4.2938 | 4.9742 | 11.5583 | |

| Other European and non-European countries | | | | | | | | |
|---|--------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|---------------------|--|
| Period | Australia | Brazil | Canada | China | Hong Kong | Iceland | India | |
| | Australian dollar AUD | Brazilian real BRL | Canadian dollar CAD | Yuan (renminbi) CNY | Hong Kong dollar HKD | Icelandic krona ISK | Indian rupee INR | |
| 2023 Mar. | 1.6268 | 5.5158 | 1.4737 | 7.4763 | 8.5367 | 148.30 | 89.3995 | |
| Apr. | 1.6664 | 5.4872 | 1.4981 | 7.5979 | 8.6199 | 149.10 | 89.8555 | |
| May | 1.6497 | 5.4288 | 1.4582 | 7.5926 | 8.3696 | 149.70 | 88.3400 | |
| June | 1.6398 | 5.2788 | 1.4415 | 7.8983 | 8.5157 | 148.70 | 89.2065 | |
| July | 1.6436 | 5.2031 | 1.4566 | 7.8808 | 8.5966 | 144.30 | 90.6690 | |
| Aug. | 1.6785 | 5.3082 | 1.4721 | 7.9196 | 8.5250 | 142.30 | 89.9293 | |
| Sep. | 1.6339 | 5.3065 | 1.4227 | 7.7352 | 8.2959 | 144.90 | 88.0165 | |
| Oct. | 1.6739 | 5.3743 | 1.4712 | 7.7686 | 8.3079 | 147.50 | 88.4195 | |
| Nov. | 1.6542 | 5.3984 | 1.4870 | 7.8008 | 8.5384 | 150.70 | 91.1143 | |
| Dec. | 1.6263 | 5.3618 | 1.4642 | 7.8509 | 8.6314 | 150.50 | 91.9045 | |
| 2024 Jan. | 1.6468 | 5.3749 | 1.4558 | 7.7789 | 8.4734 | 148.30 | 90.0010 | |
| Feb. | 1.6684 | 5.4054 | 1.4719 | 7.7888 | 8.4735 | 149.30 | 89.7458 | |
| Mar. | 1.6607 | 5.4032 | 1.4672 | 7.8144 | 8.4594 | 150.30 | 90.1365 | |
| 2024 Mar. 20 | 1.6633 | 5.4414 | 1.4736 | 7.8058 | 8.4837 | 148.50 | 90.2400 | |
| 21 | 1.6535 | 5.4210 | 1.4736 | 7.8520 | 8.5300 | 148.70 | 90.6560 | |
| 22 | 1.6601 | 5.4099 | 1.4688 | 7.8245 | 8.4645 | 148.90 | 90.4090 | |
| 25 | 1.6580 | 5.4069 | 1.4722 | 7.8134 | 8.4748 | 149.10 | 90.3680 | |
| 26 | 1.6574 | 5.4067 | 1.4718 | 7.8358 | 8.4920 | 149.30 | 90.4365 | |
| 27 | 1.6600 | 5.3969 | 1.4712 | 7.8182 | 8.4615 | 149.90 | 90.1340 | |
| 28 | 1.6607 | 5.4032 | 1.4672 | 7.8144 | 8.4594 | 150.30 | 90.1365 | |
| Apr. 2 | 1.6522 | 5.4114 | 1.4577 | 7.7779 | 8.4148 | 150.10 | 89.6490 | |
| 3 | 1.6539 | 5.4681 | 1.4626 | 7.8023 | 8.4421 | 150.10 | 90.0055 | |
| 4 | 1.6446 | 5.4751 | 1.4652 | 7.8501 | 8.4957 | 150.30 | 90.5116 | |
| 5 | 1.6461 | 5.4633 | 1.4702 | 7.8421 | 8.4868 | 150.30 | 90.3283 | |
| 8 | 1.6433 | 5.4806 | 1.4715 | 7.8282 | 8.4761 | 150.30 | 90.1590 | |
| 9 | 1.6407 | 5.4489 | 1.4749 | 7.8603 | 8.5096 | 150.30 | 90.4135 | |
| 10 | 1.6399 | 5.4330 | 1.4728 | 7.8548 | 8.5060 | 150.70 | 90.3585 | |
| 11 | 1.6448 | 5.4468 | 1.4688 | 7.7646 | 8.4058 | 150.30 | 89.4385 | |
| 12 | 1.6413 | 5.4442 | 1.4643 | 7.7094 | 8.3478 | 150.50 | 88.9140 | |
| 15 | 1.6441 | 5.4553 | 1.4645 | 7.7134 | 8.3419 | 150.70 | 88.8950 | |

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

| Other European and non-European countries (cont'd) | | | | | | | | |
|--|---------------------------------------|-----------------------------|------------------------------|---|--------------------------------------|-------------------------------|--|----------------------------------|
| Period | Indonesia Indonesian rupiah IDR | Israel New shekel ILS | Japan Japanese yen JPY | Korea, Republic of South Korean won KRW | Malaysia Malaysian ringgit MYR | Mexico Mexican peso MXN | New Zealand New Zealand dollar NZD | Norway Norwegian krone NOK |
| 2023 Mar. | 16,300.19 | 3.9284 | 144.83 | 1,420.26 | 4.7986 | 19.6392 | 1.7392 | 11.3940 |
| Apr. | 16,111.90 | 3.9939 | 149.35 | 1,470.89 | 4.8981 | 19.8182 | 1.7864 | 11.7910 |
| May | 16,030.39 | 3.9713 | 149.13 | 1,416.29 | 4.9307 | 18.9263 | 1.7793 | 12.0045 |
| June | 16,384.54 | 4.0486 | 157.16 | 1,435.88 | 5.0717 | 18.5614 | 1.7858 | 11.7040 |
| July | 16,622.65 | 4.0714 | 156.73 | 1,405.49 | 4.9703 | 18.4088 | 1.7773 | 11.1805 |
| Aug. | 16,551.96 | 4.1293 | 158.49 | 1,439.56 | 5.0428 | 18.1866 | 1.8259 | 11.5800 |
| Sep. | 16,383.62 | 4.0472 | 158.10 | 1,425.26 | 4.9741 | 18.5030 | 1.7575 | 11.2535 |
| Oct. | 16,868.28 | 4.2756 | 160.30 | 1,434.66 | 5.0594 | 19.1551 | 1.8224 | 11.8735 |
| Nov. | 16,981.14 | 4.0597 | 161.19 | 1,418.78 | 5.0933 | 19.0235 | 1.7762 | 11.7200 |
| Dec. | 17,079.71 | 3.9993 | 156.33 | 1,433.66 | 5.0775 | 18.7231 | 1.7504 | 11.2405 |
| 2024 Jan. | 17,076.29 | 3.9431 | 160.19 | 1,444.63 | 5.1259 | 18.5817 | 1.7705 | 11.3510 |
| Feb. | 17,038.18 | 3.8736 | 162.53 | 1,447.43 | 5.1375 | 18.4969 | 1.7807 | 11.4920 |
| Mar. | 17,157.87 | 3.9799 | 163.45 | 1,458.67 | 5.1168 | 17.9179 | 1.8092 | 11.6990 |
| 2024 Mar. 20 | 17,065.20 | 3.9816 | 164.54 | 1,453.86 | 5.1379 | 18.2541 | 1.7976 | 11.5725 |
| 21 | 17,092.14 | 3.9186 | 164.96 | 1,449.01 | 5.1424 | 18.2610 | 1.7963 | 11.5430 |
| 22 | 17,111.81 | 3.9265 | 163.74 | 1,453.62 | 5.1274 | 18.1372 | 1.8020 | 11.6170 |
| 25 | 17,100.93 | 3.9369 | 163.78 | 1,453.39 | 5.1195 | 18.1374 | 1.8046 | 11.6050 |
| 26 | 17,149.60 | 3.9747 | 164.40 | 1,455.75 | 5.1236 | 18.1165 | 1.8036 | 11.6260 |
| 27 | 17,194.20 | 3.9582 | 163.52 | 1,461.31 | 5.1192 | 17.9367 | 1.8043 | 11.6825 |
| 28 | 17,157.87 | 3.9799 | 163.45 | 1,458.67 | 5.1168 | 17.9179 | 1.8092 | 11.6990 |
| Apr. 2 | 17,103.38 | 3.9826 | 163.01 | 1,453.23 | 5.1106 | 17.8490 | 1.8040 | 11.7080 |
| 3 | 17,196.78 | 4.0165 | 163.66 | 1,456.04 | 5.1273 | 17.8782 | 1.8054 | 11.6580 |
| 4 | 17,233.19 | 4.0339 | 164.69 | 1,462.46 | 5.1433 | 17.9675 | 1.7998 | 11.6125 |
| 5 | 17,192.63 | 4.0725 | 164.10 | 1,464.09 | 5.1462 | 17.9104 | 1.8001 | 11.6118 |
| 8 | 17,217.66 | 4.0033 | 164.43 | 1,468.37 | 5.1425 | 17.8053 | 1.7984 | 11.5905 |
| 9 | 17,243.05 | 4.0110 | 164.97 | 1,470.98 | 5.1591 | 17.7268 | 1.7938 | 11.5930 |
| 10 | 17,212.45 | 4.0324 | 164.89 | 1,467.33 | 5.1558 | 17.7305 | 1.7856 | 11.5665 |
| 11 | 17,189.90 | 4.0300 | 164.18 | 1,469.32 | 5.0936 | 17.6448 | 1.7920 | 11.6180 |
| 12 | 17,171.88 | 4.0175 | 163.16 | 1,469.79 | 5.0810 | 17.5982 | 1.7872 | 11.5870 |
| 15 | 17,111.78 | 3.9578 | 164.05 | 1,473.79 | 5.0925 | 17.6561 | 1.7943 | 11.6260 |

| Other European and non-European countries (cont'd) | | | | | | | | |
|--|---------------------------------------|--------------------------------------|---|-----------------------------------|------------------------------|-------------------------------|---|-----------------------------------|
| Period | Philippines Philippine peso PHP | Singapore Singapore dollar SGD | South Africa South African rand ZAR | Switzerland Swiss franc CHF | Thailand Thai baht THB | Turkey Turkish lira TRY | United Kingdom Pound sterling GBP | United States US dollar USD |
| 2023 Mar. | 59.050 | 1.4464 | 19.3275 | 0.9968 | 37.111 | 20.8632 | 0.87920 | 1.0875 |
| Apr. | 60.923 | 1.4679 | 20.1558 | 0.9839 | 37.467 | 21.3608 | 0.88050 | 1.0981 |
| May | 60.053 | 1.4467 | 21.1353 | 0.9724 | 37.134 | 22.1320 | 0.86405 | 1.0683 |
| June | 60.082 | 1.4732 | 20.5785 | 0.9788 | 38.482 | 28.3193 | 0.85828 | 1.0866 |
| July | 60.522 | 1.4660 | 19.5511 | 0.9619 | 37.732 | 29.7126 | 0.85765 | 1.1023 |
| Aug. | 61.545 | 1.4686 | 20.4199 | 0.9584 | 38.005 | 28.9848 | 0.85718 | 1.0868 |
| Sep. | 59.969 | 1.4443 | 19.9813 | 0.9669 | 38.679 | 29.0514 | 0.86458 | 1.0594 |
| Oct. | 60.295 | 1.4525 | 19.9507 | 0.9607 | 38.266 | 30.0455 | 0.87366 | 1.0619 |
| Nov. | 60.623 | 1.4602 | 20.5703 | 0.9562 | 38.494 | 31.5441 | 0.86368 | 1.0931 |
| Dec. | 61.283 | 1.4591 | 20.3477 | 0.9260 | 37.973 | 32.6531 | 0.86905 | 1.1050 |
| 2024 Jan. | 61.023 | 1.4517 | 20.3238 | 0.9348 | 38.461 | 32.8984 | 0.85435 | 1.0837 |
| Feb. | 60.858 | 1.4570 | 20.9007 | 0.9534 | 38.909 | 33.8067 | 0.85655 | 1.0826 |
| Mar. | 60.797 | 1.4587 | 20.5226 | 0.9766 | 39.412 | 34.9487 | 0.85510 | 1.0811 |
| 2024 Mar. 20 | 60.978 | 1.4579 | 20.4589 | 0.9658 | 39.244 | 35.1241 | 0.85438 | 1.0844 |
| 21 | 61.033 | 1.4619 | 20.4181 | 0.9766 | 39.396 | 34.9445 | 0.85678 | 1.0907 |
| 22 | 60.928 | 1.4593 | 20.5597 | 0.9729 | 39.298 | 34.6209 | 0.85795 | 1.0823 |
| 25 | 60.920 | 1.4573 | 20.4889 | 0.9724 | 39.364 | 34.8332 | 0.85698 | 1.0835 |
| 26 | 61.055 | 1.4595 | 20.5294 | 0.9810 | 39.415 | 34.9542 | 0.85846 | 1.0855 |
| 27 | 60.849 | 1.4586 | 20.4716 | 0.9811 | 39.381 | 34.9005 | 0.85768 | 1.0816 |
| 28 | 60.797 | 1.4587 | 20.5226 | 0.9766 | 39.412 | 34.9487 | 0.85510 | 1.0811 |
| Apr. 2 | 60.506 | 1.4535 | 20.2399 | 0.9765 | 39.395 | 34.6033 | 0.85510 | 1.0749 |
| 3 | 60.817 | 1.4571 | 20.2667 | 0.9792 | 39.584 | 34.4418 | 0.85713 | 1.0783 |
| 4 | 61.243 | 1.4628 | 20.2704 | 0.9846 | 39.881 | 34.6065 | 0.85788 | 1.0852 |
| 5 | 61.268 | 1.4608 | 20.1710 | 0.9793 | 39.743 | 34.6312 | 0.85773 | 1.0841 |
| 8 | 61.204 | 1.4607 | 20.1574 | 0.9807 | 39.769 | 34.8481 | 0.85795 | 1.0823 |
| 9 | 61.301 | 1.4623 | 20.0861 | 0.9819 | 39.529 | 34.9828 | 0.85663 | 1.0867 |
| 10 | 61.408 | 1.4605 | 20.0851 | 0.9810 | 39.536 | 35.0329 | 0.85515 | 1.0860 |
| 11 | 60.577 | 1.4518 | 20.1614 | 0.9787 | 39.220 | 34.6336 | 0.85525 | 1.0729 |
| 12 | 60.256 | 1.4478 | 19.9907 | 0.9716 | 38.853 | 34.4334 | 0.85424 | 1.0652 |
| 15 | 60.558 | 1.4498 | 20.2067 | 0.9725 | 39.124 | 34.5291 | 0.85405 | 1.0656 |

* See Explanatory notes, p. 48.