

II. Euro-Referenzkurse der Europäischen Zentralbank *)

3. Jahresendstände und -durchschnitte

1 EUR = ... WE

| Zeit | EU-Mitgliedsländer | | | | | | | | |
|------|--------------------------------|--------------------------|------------------------------|-------------|----------------|-----------------|--------------|------------|-----------------------------|
| | Bulgarien | Dänemark | Estland | Kroatien | Lettland | Litauen | Polen | Rumänien | Schweden |
| | Lew BGN | Dänische Krone DKK | Estnische Krone EEK 1) | Kuna HRK | Lats LVL 1) | Litas LTL 1) | Zloty PLN | Leu RON | Schwedische Krone SEK |
| | Stand am Jahresende | | | | | | | | |
| 2008 | 1,9558 | 7,4506 | 15,6466 | 7,3555 | 0,708300 | 3,4528 | 4,1535 | 4,0225 | 10,8700 |
| 2009 | 1,9558 | 7,4418 | 15,6466 | 7,3000 | 0,709300 | 3,4528 | 4,1045 | 4,2363 | 10,2520 |
| 2010 | 1,9558 | 7,4535 | 15,6466 | 7,3830 | 0,709400 | 3,4528 | 3,9750 | 4,2620 | 8,9655 |
| 2011 | 1,9558 | 7,4342 | – | 7,5370 | 0,699500 | 3,4528 | 4,4580 | 4,3233 | 8,9120 |
| 2012 | 1,9558 | 7,4610 | – | 7,5575 | 0,697700 | 3,4528 | 4,0740 | 4,4445 | 8,5820 |
| 2013 | 1,9558 | 7,4593 | – | 7,6265 | 0,702804 | 3,4528 | 4,1543 | 4,4710 | 8,8591 |
| 2014 | 1,9558 | 7,4453 | – | 7,6580 | – | 3,4528 | 4,2732 | 4,4828 | 9,3930 |
| 2015 | 1,9558 | 7,4626 | – | 7,6380 | – | – | 4,2639 | 4,5240 | 9,1895 |
| 2016 | 1,9558 | 7,4344 | – | 7,5597 | – | – | 4,4103 | 4,5390 | 9,5525 |
| 2017 | 1,9558 | 7,4449 | – | 7,4400 | – | – | 4,1770 | 4,6585 | 9,8438 |
| 2018 | 1,9558 | 7,4673 | – | 7,4125 | – | – | 4,3014 | 4,6635 | 10,2548 |
| 2019 | 1,9558 | 7,4715 | – | 7,4395 | – | – | 4,2568 | 4,7830 | 10,4468 |
| 2020 | 1,9558 | 7,4409 | – | 7,5519 | – | – | 4,5597 | 4,8683 | 10,0343 |
| 2021 | 1,9558 | 7,4364 | – | 7,5156 | – | – | 4,5969 | 4,9490 | 10,2503 |
| | Durchschnitt im Jahr +) | | | | | | | | |
| 2008 | 1,9558 | 7,4560 | 15,6466 | 7,2239 | 0,7027 | 3,4528 | 3,5121 | 3,6826 | 9,6152 |
| 2009 | 1,9558 | 7,4462 | 15,6466 | 7,3400 | 0,7057 | 3,4528 | 4,3276 | 4,2399 | 10,6191 |
| 2010 | 1,9558 | 7,4473 | 15,6466 | 7,2891 | 0,7087 | 3,4528 | 3,9947 | 4,2122 | 9,5373 |
| 2011 | 1,9558 | 7,4506 | – | 7,4390 | 0,7063 | 3,4528 | 4,1206 | 4,2391 | 9,0298 |
| 2012 | 1,9558 | 7,4437 | – | 7,5217 | 0,6973 | 3,4528 | 4,1847 | 4,4593 | 8,7041 |
| 2013 | 1,9558 | 7,4579 | – | 7,5786 | 0,7015 | 3,4528 | 4,1975 | 4,4190 | 8,6515 |
| 2014 | 1,9558 | 7,4548 | – | 7,6344 | – | 3,4528 | 4,1843 | 4,4437 | 9,0985 |
| 2015 | 1,9558 | 7,4587 | – | 7,6137 | – | – | 4,1841 | 4,4454 | 9,3535 |
| 2016 | 1,9558 | 7,4452 | – | 7,5333 | – | – | 4,3632 | 4,4904 | 9,4689 |
| 2017 | 1,9558 | 7,4386 | – | 7,4637 | – | – | 4,2570 | 4,5688 | 9,6351 |
| 2018 | 1,9558 | 7,4532 | – | 7,4182 | – | – | 4,2615 | 4,6540 | 10,2583 |
| 2019 | 1,9558 | 7,4661 | – | 7,4180 | – | – | 4,2976 | 4,7453 | 10,5891 |
| 2020 | 1,9558 | 7,4542 | – | 7,5384 | – | – | 4,4430 | 4,8383 | 10,4848 |
| 2021 | 1,9558 | 7,4370 | – | 7,5284 | – | – | 4,5652 | 4,9215 | 10,1465 |

| Zeit | noch: EU-Mitgliedsländer | | | andere europäische und außereuropäische Länder | | | | | |
|------|--------------------------------|------------------------------|---------------|--|-------------|---------------------------|----------------------------|--------------------------|---------------|
| | Slowakei | Tschechien | Ungarn | Australien | Brasilien | China | Hongkong | Indien | Indonesien |
| | Slowakische Krone SKK 1) | Tschechische Krone CZK | Forint HUF | Australischer Dollar AUD | Real BRL | Yuan (Renminbi) CNY | Hongkong- Dollar HKD | Indische Rupie INR 2) | Rupiah IDR |
| | Stand am Jahresende | | | | | | | | |
| 2008 | 30,126 | 26,875 | 266,70 | 2,0274 | 3,2436 | 9,4956 | 10,7858 | 67,4370 | 15 239,12 |
| 2009 | – | 26,473 | 270,42 | 1,6008 | 2,5113 | 9,8350 | 11,1709 | 67,0400 | 13 626,13 |
| 2010 | – | 25,061 | 277,95 | 1,3136 | 2,2177 | 8,8220 | 10,3856 | 59,7580 | 12 002,14 |
| 2011 | – | 25,787 | 314,58 | 1,2723 | 2,4159 | 8,1588 | 10,0510 | 68,7130 | 11 731,47 |
| 2012 | – | 25,151 | 292,30 | 1,2712 | 2,7036 | 8,2207 | 10,2260 | 72,5600 | 12 713,97 |
| 2013 | – | 27,427 | 297,04 | 1,5423 | 3,2576 | 8,3491 | 10,6933 | 85,3660 | 16 764,78 |
| 2014 | – | 27,735 | 315,54 | 1,4829 | 3,2207 | 7,5358 | 9,4170 | 76,7190 | 15 076,10 |
| 2015 | – | 27,023 | 315,98 | 1,4897 | 4,3117 | 7,0608 | 8,4376 | 72,0215 | 15 039,99 |
| 2016 | – | 27,021 | 309,83 | 1,4596 | 3,4305 | 7,3202 | 8,1751 | 71,5935 | 14 173,43 |
| 2017 | – | 25,535 | 310,33 | 1,5346 | 3,9729 | 7,8044 | 9,3720 | 76,6055 | 16 239,12 |
| 2018 | – | 25,724 | 320,98 | 1,6220 | 4,4440 | 7,8751 | 8,9675 | 79,7298 | 16 500,00 |
| 2019 | – | 25,408 | 330,53 | 1,5995 | 4,5157 | 7,8205 | 8,7473 | 80,1870 | 15 595,60 |
| 2020 | – | 26,242 | 363,89 | 1,5896 | 6,3735 | 8,0225 | 9,5142 | 89,6605 | 17 240,76 |
| 2021 | – | 24,858 | 369,19 | 1,5615 | 6,3101 | 7,1947 | 8,8333 | 84,2292 | 16 100,42 |
| | Durchschnitt im Jahr +) | | | | | | | | |
| 2008 | 31,262 | 24,946 | 251,51 | 1,7416 | 2,6737 | 10,2236 | 11,4541 | 63,6143 | 14 165,16 |
| 2009 | – | 26,435 | 280,33 | 1,7727 | 2,7674 | 9,5277 | 10,8114 | 67,3611 | 14 443,74 |
| 2010 | – | 25,284 | 275,48 | 1,4423 | 2,3314 | 8,9712 | 10,2994 | 60,5878 | 12 041,70 |
| 2011 | – | 24,590 | 279,37 | 1,3484 | 2,3265 | 8,9960 | 10,8362 | 64,8859 | 12 206,51 |
| 2012 | – | 25,149 | 289,25 | 1,2407 | 2,5084 | 8,1052 | 9,9663 | 68,5973 | 12 045,73 |
| 2013 | – | 25,980 | 296,87 | 1,3777 | 2,8687 | 8,1646 | 10,3016 | 77,9300 | 13 857,50 |
| 2014 | – | 27,536 | 308,71 | 1,4719 | 3,1211 | 8,1857 | 10,3025 | 81,0406 | 15 748,92 |
| 2015 | – | 27,279 | 310,00 | 1,4777 | 3,7004 | 6,9733 | 8,6014 | 71,1956 | 14 870,39 |
| 2016 | – | 27,034 | 311,44 | 1,4883 | 3,8561 | 7,3522 | 8,5922 | 74,3717 | 14 720,83 |
| 2017 | – | 26,326 | 309,19 | 1,4732 | 3,6054 | 7,6290 | 8,8045 | 73,5324 | 15 118,01 |
| 2018 | – | 25,647 | 318,89 | 1,5797 | 4,3085 | 7,8081 | 9,2559 | 80,7332 | 16 803,22 |
| 2019 | – | 25,670 | 325,30 | 1,6109 | 4,4134 | 7,7355 | 8,7715 | 78,8361 | 15 835,27 |
| 2020 | – | 26,455 | 351,25 | 1,6549 | 5,8943 | 7,8747 | 8,8587 | 84,6392 | 16 627,37 |
| 2021 | – | 25,640 | 358,52 | 1,5749 | 6,3779 | 7,6282 | 9,1932 | 87,4392 | 16 920,72 |

* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Beitritt zum Euroraum siehe S. 7 (Tabelle I.1.).
2 Bis Dezember 2008 Indikativkurse der EZB.

II. Euro-Referenzkurse der Europäischen Zentralbank *)

noch: 3. Jahresendstände und -durchschnitte

1 EUR = ... WE

| noch: andere europäische und außereuropäische Länder | | | | | | | | | | |
|--|----------------------|---------|------------------------|-----------------|--------------------------|------------------------|-----------------------|-----------------------|---------|--|
| Island | Israel | Japan | Kanada | Korea, Republik | Malaysia | Mexiko | Neuseeland | Norwegen | | |
| Isländische Krone ISK 1) | Neuer Schekel ILS 2) | Yen JPY | Kanadischer Dollar CAD | Won KRW | Malaysischer Ringgit MYR | Mexikanischer Peso MXN | Neuseeland-Dollar NZD | Norwegische Krone NOK | | |
| Stand am Jahresende | | | | | | | | | | |
| 2008 | – | 5,2919 | 126,14 | 1,6998 | 1 839,13 | 4,8048 | 19,2333 | 2,4191 | 9,7500 | |
| 2009 | – | 5,4524 | 133,16 | 1,5128 | 1 666,97 | 4,9326 | 18,9223 | 1,9803 | 8,3000 | |
| 2010 | – | 4,7321 | 108,65 | 1,3322 | 1 499,06 | 4,0950 | 16,5475 | 1,7200 | 7,8000 | |
| 2011 | – | 4,9453 | 100,20 | 1,3215 | 1 498,69 | 4,1055 | 18,0512 | 1,6737 | 7,7540 | |
| 2012 | – | 4,9258 | 113,61 | 1,3137 | 1 406,23 | 4,0347 | 17,1845 | 1,6045 | 7,3483 | |
| 2013 | – | 4,7880 | 144,72 | 1,4671 | 1 450,93 | 4,5221 | 18,0731 | 1,6762 | 8,3630 | |
| 2014 | – | 4,7200 | 145,23 | 1,4063 | 1 324,80 | 4,2473 | 17,8679 | 1,5525 | 9,0420 | |
| 2015 | – | 4,2481 | 131,07 | 1,5116 | 1 280,78 | 4,6959 | 18,9145 | 1,5923 | 9,6030 | |
| 2016 | – | 4,0477 | 123,40 | 1,4188 | 1 269,36 | 4,7287 | 21,7719 | 1,5158 | 9,0863 | |
| 2017 | – | 4,1635 | 135,01 | 1,5039 | 1 279,61 | 4,8536 | 23,6612 | 1,6850 | 9,8403 | |
| 2018 | 133,20 | 4,2972 | 125,85 | 1,5605 | 1 277,93 | 4,7317 | 22,4921 | 1,7056 | 9,9483 | |
| 2019 | 135,80 | 3,8845 | 121,94 | 1,4598 | 1 296,28 | 4,5953 | 21,2202 | 1,6653 | 9,8638 | |
| 2020 | 156,10 | 3,9447 | 126,49 | 1,5633 | 1 336,00 | 4,9340 | 24,4160 | 1,6984 | 10,4703 | |
| 2021 | 147,60 | 3,5159 | 130,38 | 1,4393 | 1 346,38 | 4,7184 | 23,1438 | 1,6579 | 9,9888 | |
| Durchschnitt im Jahr +) | | | | | | | | | | |
| 2008 | 143,83 | 5,2561 | 152,45 | 1,5594 | 1 606,09 | 4,8893 | 16,2911 | 2,0770 | 8,2237 | |
| 2009 | – | 5,4668 | 130,34 | 1,5850 | 1 772,90 | 4,9079 | 18,7989 | 2,2121 | 8,7278 | |
| 2010 | – | 4,9457 | 116,24 | 1,3651 | 1 531,82 | 4,2668 | 16,7373 | 1,8377 | 8,0043 | |
| 2011 | – | 4,9775 | 110,96 | 1,3761 | 1 541,23 | 4,2558 | 17,2877 | 1,7600 | 7,7934 | |
| 2012 | – | 4,9536 | 102,49 | 1,2842 | 1 447,69 | 3,9672 | 16,9029 | 1,5867 | 7,4751 | |
| 2013 | – | 4,7948 | 129,66 | 1,3684 | 1 453,91 | 4,1855 | 16,9641 | 1,6206 | 7,8067 | |
| 2014 | – | 4,7449 | 140,31 | 1,4661 | 1 398,14 | 4,3446 | 17,6550 | 1,5995 | 8,3544 | |
| 2015 | – | 4,3122 | 134,31 | 1,4186 | 1 256,54 | 4,3373 | 17,6157 | 1,5930 | 8,9496 | |
| 2016 | – | 4,2489 | 120,20 | 1,4659 | 1 284,18 | 4,5835 | 20,6673 | 1,5886 | 9,2906 | |
| 2017 | – | 4,0622 | 126,71 | 1,4647 | 1 276,74 | 4,8527 | 21,3286 | 1,5897 | 9,3270 | |
| 2018 | 127,89 | 4,2423 | 130,40 | 1,5294 | 1 299,07 | 4,7634 | 22,7054 | 1,7065 | 9,5975 | |
| 2019 | 137,28 | 3,9901 | 122,01 | 1,4855 | 1 305,32 | 4,6374 | 21,5565 | 1,6998 | 9,8511 | |
| 2020 | 154,59 | 3,9258 | 121,85 | 1,5300 | 1 345,58 | 4,7959 | 24,5194 | 1,7561 | 10,7228 | |
| 2021 | 150,15 | 3,8208 | 129,88 | 1,4826 | 1 354,06 | 4,9015 | 23,9852 | 1,6724 | 10,1633 | |

| noch: andere europäische und außereuropäische Länder | | | | | | | | | |
|--|----------------------|-----------------------|---------------------|-----------|----------|-----------------------|--------------------|------------------------|---------|
| Philippinen | Russische Föderation | Schweiz | Singapur | Südafrika | Thailand | Türkei | Vereinigte Staaten | Vereinigtes Königreich | |
| Philippinischer Peso PHP | Rubel RUB | Schweizer Franken CHF | Singapur-Dollar SGD | Rand ZAR | Baht THB | Türkische Lira TRY 3) | US-Dollar USD | Pfund Sterling GBP | |
| Stand am Jahresende | | | | | | | | | |
| 2008 | 65,930 | 41,2830 | 1,4850 | 2,0040 | 13,0667 | 48,285 | 2,1488 | 1,3917 | 0,95250 |
| 2009 | 66,507 | 43,1540 | 1,4836 | 2,0194 | 10,6660 | 47,986 | 2,1547 | 1,4406 | 0,88810 |
| 2010 | 58,300 | 40,8200 | 1,2504 | 1,7136 | 8,8625 | 40,170 | 2,0694 | 1,3362 | 0,86075 |
| 2011 | 56,754 | 41,7650 | 1,2156 | 1,6819 | 10,4830 | 40,991 | 2,4432 | 1,2939 | 0,83530 |
| 2012 | 54,107 | 40,3295 | 1,2072 | 1,6111 | 11,1727 | 40,347 | 2,3551 | 1,3194 | 0,81610 |
| 2013 | 61,289 | 45,3246 | 1,2276 | 1,7414 | 14,5660 | 45,178 | 2,9605 | 1,3791 | 0,83370 |
| 2014 | 54,436 | 72,3370 | 1,2024 | 1,6058 | 14,0353 | 39,910 | 2,8320 | 1,2141 | 0,77890 |
| 2015 | 50,999 | 80,6736 | 1,0835 | 1,5417 | 16,9530 | 39,248 | 3,1765 | 1,0887 | 0,73395 |
| 2016 | 52,268 | 64,3000 | 1,0739 | 1,5234 | 14,4570 | 37,726 | 3,7072 | 1,0541 | 0,85618 |
| 2017 | 59,795 | 69,3920 | 1,1702 | 1,6024 | 14,8054 | 39,121 | 4,5464 | 1,1993 | 0,88723 |
| 2018 | 60,113 | 79,7153 | 1,1269 | 1,5591 | 16,4594 | 37,052 | 6,0588 | 1,1450 | 0,89453 |
| 2019 | 56,900 | 69,9563 | 1,0854 | 1,5111 | 15,7773 | 33,415 | 6,6843 | 1,1234 | 0,85080 |
| 2020 | 59,125 | 91,4671 | 1,0802 | 1,6218 | 18,0219 | 36,727 | 9,1131 | 1,2271 | 0,89903 |
| 2021 | 57,763 | 85,3004 | 1,0331 | 1,5279 | 18,0625 | 37,653 | 15,2335 | 1,1326 | 0,84028 |
| Durchschnitt im Jahr +) | | | | | | | | | |
| 2008 | 65,172 | 36,4207 | 1,5874 | 2,0762 | 12,0590 | 48,475 | 1,9064 | 1,4708 | 0,79628 |
| 2009 | 66,338 | 44,1376 | 1,5100 | 2,0241 | 11,6737 | 47,804 | 2,1631 | 1,3948 | 0,89094 |
| 2010 | 59,739 | 40,2629 | 1,3803 | 1,8055 | 9,6984 | 42,014 | 1,9965 | 1,3257 | 0,85784 |
| 2011 | 60,260 | 40,8846 | 1,2326 | 1,7489 | 10,0970 | 42,429 | 2,3378 | 1,3920 | 0,86788 |
| 2012 | 54,246 | 39,9262 | 1,2053 | 1,6055 | 10,5511 | 39,928 | 2,3135 | 1,2848 | 0,81087 |
| 2013 | 56,428 | 42,3370 | 1,2311 | 1,6619 | 12,8330 | 40,830 | 2,5335 | 1,3281 | 0,84926 |
| 2014 | 58,979 | 50,9518 | 1,2146 | 1,6823 | 14,4037 | 43,147 | 2,9065 | 1,3285 | 0,80612 |
| 2015 | 50,522 | 68,0720 | 1,0679 | 1,5255 | 14,1723 | 38,028 | 3,0255 | 1,1095 | 0,72584 |
| 2016 | 52,556 | 74,1446 | 1,0902 | 1,5275 | 16,2645 | 39,043 | 3,3433 | 1,1069 | 0,81948 |
| 2017 | 56,973 | 65,9383 | 1,1117 | 1,5588 | 15,0490 | 38,296 | 4,1206 | 1,1297 | 0,87667 |
| 2018 | 62,210 | 74,0416 | 1,1550 | 1,5926 | 15,6186 | 38,164 | 5,7077 | 1,1810 | 0,88471 |
| 2019 | 57,985 | 72,4553 | 1,1124 | 1,5273 | 16,1757 | 34,757 | 6,3578 | 1,1195 | 0,87777 |
| 2020 | 56,615 | 82,7248 | 1,0705 | 1,5742 | 18,7655 | 35,708 | 8,0547 | 1,1422 | 0,88970 |
| 2021 | 58,299 | 87,1527 | 1,0811 | 1,5891 | 17,4766 | 37,837 | 10,5124 | 1,1827 | 0,85960 |

* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Die EZB stellte vom 4. Dezember 2008 bis zum

31. Januar 2018 keine Euro-Referenzkurse für isländische Kronen fest. 2 Bis Dezember 2010 Indikatorkurse der EZB. 3 Bis Ende 2008 Neue türkische Lira.