

1 EXCHANGE RATES (daily data)

1.1 ECB euro reference exchange rates (1)

Monthly data are end-of-period values

Monetary units per euro

	1 US dollar (USD)	2 Japanese yen (JPY)	3 Swiss franc (CHF)	4 Pound sterling (GBP)	5 Bulgarian lev (BGN)	6 Czech koruna (CZK)	7 Danish krone (DKK)	8 Hungarian forint (HUF)	9 Memo item SDR (XDR)
23 Jul	1.1023	156.73	0.9619	0.85765	1.9558	23.900	7.4529	386.93	0.8212
<i>Aug</i>	1.0868	158.49	0.9584	0.85718	1.9558	24.072	7.4523	380.13	0.8172
<i>Sep</i>	1.0594	158.10	0.9669	0.86458	1.9558	24.339	7.4571	389.50	0.8062
<i>Oct</i>	1.0619	160.30	0.9607	0.87366	1.9558	24.558	7.4647	382.13	0.8092
<i>Nov</i>	1.0931	161.19	0.9562	0.86368	1.9558	24.292	7.4548	380.75	0.8193
<i>Dec</i> A	1.0778	158.70	0.9429	0.85610	1.9558	24.335	7.4557	380.57	0.8136
23 Nov 16	1.0849	164.05	0.9651	0.87520	1.9558	24.446	7.4592	376.30	0.8191
<i>17</i>	1.0872	162.29	0.9643	0.87395	1.9558	24.461	7.4582	377.75	0.8189
<i>18</i>	-	-	-	-	-	-	-	-	-
<i>19</i>	-	-	-	-	-	-	-	-	-
<i>20</i>	1.0928	162.12	0.9665	0.87630	1.9558	24.541	7.4565	378.90	0.8209
<i>21</i>	1.0955	161.61	0.9673	0.87326	1.9558	24.509	7.4556	379.18	0.8210
<i>22</i>	1.0911	162.25	0.9640	0.87030	1.9558	24.480	7.4547	380.60	0.8195
<i>23</i>	1.0900	162.98	0.9644	0.86940	1.9558	24.367	7.4559	379.68	0.8191
<i>24</i>	1.0916	163.30	0.9640	0.86818	1.9558	24.406	7.4559	379.88	0.8199
<i>25</i>	-	-	-	-	-	-	-	-	-
<i>26</i>	-	-	-	-	-	-	-	-	-
<i>27</i>	1.0951	162.86	0.9640	0.86671	1.9558	24.364	7.4554	379.98	0.8211
<i>28</i>	1.0949	162.74	0.9645	0.86820	1.9558	24.365	7.4560	379.85	0.8212
<i>29</i>	1.0985	162.12	0.9628	0.86525	1.9558	24.260	7.4565	377.38	0.8218
<i>30</i>	1.0931	161.19	0.9562	0.86368	1.9558	24.292	7.4548	380.75	0.8193
Dec 1	1.0875	161.14	0.9530	0.86045	1.9558	24.331	7.4543	379.70	0.8169
<i>2</i>	-	-	-	-	-	-	-	-	-
<i>3</i>	-	-	-	-	-	-	-	-	-
<i>4</i>	1.0868	159.47	0.9476	0.85790	1.9558	24.394	7.4564	379.28	0.8157
<i>5</i>	1.0817	159.13	0.9456	0.85723	1.9558	24.369	7.4559	379.30	0.8136
<i>6</i>	1.0778	158.70	0.9429	0.85610	1.9558	24.335	7.4557	380.57	-

EXCHANGE RATES (daily data)
ECB euro reference exchange rates



Source: Exchange rates disseminated by the European Central Bank and IMF for SDR.
Monthly data are end-of-period values. Monthly average are shown in Boletín Estadístico, Table 20.1.

1 EXCHANGE RATES (daily data)

1.1 ECB euro reference exchange rates (2)

Monthly data are end-of-period values

Monetary units per euro

	Polish zloty (PLN)	Romanian leu (ROL/RON) (a)	Swedish krona (SEK)	Icelandic krona (ISK)	Norwegian Krone (NOK)	Croatian kuna (HRK)	Russian rouble (RUB) (b)	Turkish lira (TRL/TRY) (c)
	10	11	12	13	14	15	16	17
23 Jul	4.4070	4.9349	11.5895	144.30	11.1805	7.535	-	29.7126
Aug	4.4673	4.9420	11.8430	142.30	11.5800	7.535	-	28.9848
Sep	4.6283	4.9735	11.5325	144.90	11.2535	7.535	-	29.0514
Oct	4.4405	4.9659	11.8275	147.50	11.8735	7.535	-	30.0455
Nov	4.3490	4.9718	11.4308	150.70	11.7200	7.535	-	31.5441
Dec A	4.3403	4.9687	11.3065	150.10	11.7960	7.535	-	31.1921
23 Nov 16	4.3730	4.9705	11.4898	153.30	11.7675	7.535	-	31.1057
17	4.3770	4.9723	11.4810	153.30	11.8110	7.535	-	31.1970
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	4.3690	4.9721	11.4270	152.50	11.7200	7.535	-	31.4332
21	4.3625	4.9707	11.4040	152.50	11.6700	7.535	-	31.5552
22	4.3625	4.9708	11.3900	153.90	11.7020	7.535	-	31.4546
23	4.3655	4.9699	11.4385	152.90	11.7110	7.535	-	31.3536
24	4.3638	4.9698	11.4390	150.30	11.7345	7.535	-	31.5270
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	4.3590	4.9709	11.4210	150.50	11.6840	7.535	-	31.6571
28	4.3473	4.9726	11.4330	150.90	11.7165	7.535	-	31.6793
29	4.3355	4.9726	11.3655	150.50	11.6965	7.535	-	31.7630
30	4.3490	4.9718	11.4308	150.70	11.7200	7.535	-	31.5441
Dec 1	4.3430	4.9713	11.3715	150.90	11.6980	7.535	-	31.4452
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	4.3393	4.9677	11.3210	151.10	11.6780	7.535	-	31.3983
5	4.3225	4.9671	11.3095	150.70	11.7865	7.535	-	31.2925
6	4.3403	4.9687	11.3065	150.10	11.7960	7.535	-	31.1921

TIPOS DE CAMBIO DIARIOS
Cambios oficiales del euro del BCE



Source: Exchange rates disseminated by the European Central Bank.

Monthly data are end-of-period values. Monthly average are shown in Boletín Estadístico, Table 20.1.

(a) The ECB has decided to suspend publication of the euro/rouble exchange rate as from 1 March 2022. For further information, see https://www.ecb.europa.eu/stats/policy_and_exchange_rates/euro_reference_exchange_rates/html/index.en.html

(b) As of 1 July 2005 the currency of Romania is the new Romanian leu (RON). 1 RON equals 10,000 old Romanian lei (ROL)

(c) As of 1 January 2005 the currency of the Republic of Turkey is the new Turkish lira (TRY). 1 TRY equals 1,000,000 Turkish liras (TRL)

1 EXCHANGE RATES (daily data)

1.1 ECB euro reference exchange rates (3)

Monthly data are end-of-period values

Monetary units per euro

	18 Australian dollar (AUD)	19 Brazilian real (BRL)	20 Canadian dollar (CAD)	21 Chinese yuan renminbi (CNY)	22 Hong Kong dollar (HKD)	23 Indonesian rupiah (IDR)	24 Israeli shequel (ILS)	25 Indian rupee (INR)
23 Jul	1.6436	5.203	1.4566	7.8808	8.5966	16 622.65	4.071	90.6690
Aug	1.6785	5.308	1.4721	7.9196	8.5250	16 551.96	4.129	89.9293
Sep	1.6339	5.307	1.4227	7.7352	8.2959	16 383.62	4.047	88.0165
Oct	1.6739	5.374	1.4712	7.7686	8.3079	16 868.28	4.276	88.4195
Nov	1.6542	5.398	1.4870	7.8008	8.5384	16 981.14	4.060	91.1143
Dec	1.6391	5.299	1.4616	7.7148	8.4173	16 731.71	3.997	89.8275
23 Nov 16	1.6736	5.270	1.4891	7.8655	8.4640	16 901.66	4.097	90.3145
17	1.6709	5.295	1.4908	7.8414	8.4785	16 717.28	4.049	90.5065
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	1.6669	5.336	1.4994	7.8378	8.5165	16 881.57	4.081	91.1060
21	1.6653	5.345	1.5029	7.8178	8.5409	16 979.32	4.066	91.2425
22	1.6618	5.340	1.4959	7.8015	8.5061	17 023.45	4.064	90.9030
23	1.6633	5.337	1.4940	7.7852	8.5000	16 949.50	4.078	90.8150
24	1.6621	5.333	1.4935	7.8090	8.5086	16 995.99	4.081	91.0390
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	1.6575	5.352	1.4929	7.8331	8.5310	16 954.34	4.082	91.2743
28	1.6567	5.359	1.4887	7.8323	8.5368	16 955.57	4.055	91.2550
29	1.6586	5.379	1.4920	7.8296	8.5711	16 960.40	4.037	91.5280
30	1.6542	5.398	1.4870	7.8008	8.5384	16 981.14	4.060	91.1143
Dec 1	1.6448	5.354	1.4736	7.7685	8.4970	16 840.16	4.053	90.6125
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	1.6351	5.318	1.4716	7.7580	8.4929	16 819.75	4.040	90.6200
5	1.6492	5.364	1.4700	7.7269	8.4562	16 740.06	4.031	90.1885
6	1.6391	5.299	1.4616	7.7148	8.4173	16 731.71	3.997	89.8275

TIPOS DE CAMBIO DIARIOS Cambios oficiales del euro del BCE



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1 EXCHANGE RATES (daily data)

1.1 ECB euro reference exchange rates (and 4)

Monthly data are end-of-period values

Monetary units per euro

	26	27	28	29	30	31	32	33
	South Korean won (KRW)	Mexican peso (MXN)	Malaysian ringgit (MYR)	New Zealand dollar (NZD)	Philippine peso (PHP)	Singaporean dollar (SGD)	Thai baht (THB)	South african rand (ZAR)
23 Jul	1 405.49	18.409	4.9703	1.7773	60.522	1.4660	37.732	19.5511
Aug	1 439.56	18.187	5.0428	1.8259	61.545	1.4686	38.005	20.4199
Sep	1 425.26	18.503	4.9741	1.7575	59.969	1.4443	38.679	19.9813
Oct	1 434.66	19.155	5.0594	1.8224	60.295	1.4525	38.266	19.9507
Nov	1 418.78	19.024	5.0933	1.7762	60.623	1.4602	38.494	20.5703
Dec	1 417.89	18.676	5.0317	1.7509	59.613	1.4452	37.895	20.4401
23 Nov 16	1 403.37	18.744	5.0866	1.8141	60.440	1.4634	38.492	19.8718
17	1 405.00	18.704	5.0881	1.8161	60.416	1.4610	38.068	19.9254
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	1 412.56	18.759	5.1006	1.8132	60.497	1.4641	38.494	20.1445
21	1 413.92	18.768	5.0974	1.8026	60.724	1.4638	38.545	20.1403
22	1 418.10	18.742	5.1042	1.8065	60.698	1.4622	38.379	20.3008
23	1 418.85	18.709	5.1001	1.8052	60.364	1.4618	38.444	20.5225
24	1 425.61	18.696	5.1136	1.7992	60.507	1.4640	38.692	20.6312
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	1 422.61	18.676	5.1262	1.7955	60.793	1.4641	38.389	20.4087
28	1 419.89	18.810	5.1148	1.7980	60.696	1.4630	38.234	20.4833
29	1 418.07	18.877	5.1105	1.7843	60.835	1.4629	38.228	20.3397
30	1 418.78	19.024	5.0933	1.7762	60.623	1.4602	38.494	20.5703
Dec 1	1 420.73	18.815	5.0824	1.7638	60.252	1.4551	38.215	20.3329
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	1 417.90	18.764	5.0618	1.7555	60.127	1.4515	38.035	20.3627
5	1 422.18	18.913	5.0483	1.7637	59.832	1.4487	38.133	20.4715
6	1 417.89	18.676	5.0317	1.7509	59.613	1.4452	37.895	20.4401

TIPOS DE CAMBIO DIARIOS

Cambios oficiales del euro del BCE



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