

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

1. End-of-month and daily rates

EUR 1 = CU ...

Period		EU member countries							
		Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
		Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2020 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
Dec.		1.9558	7.5519	26.242	7.4409	363.89	4.5597	4.8683	10.0343
2021 Jan.		1.9558	7.5658	26.020	7.4370	358.39	4.5304	4.8750	10.1110
Feb.		1.9558	7.5830	26.195	7.4361	361.43	4.5186	4.8750	10.1388
Mar.		1.9558	7.5705	26.143	7.4373	363.27	4.6508	4.9223	10.2383
Apr.		1.9558	7.5465	25.883	7.4360	359.86	4.5635	4.9285	10.1640
May		1.9558	7.5062	25.454	7.4365	347.61	4.4856	4.9195	10.1210
June		1.9558	7.4913	25.488	7.4362	351.68	4.5201	4.9280	10.1110
July		1.9558	7.5003	25.501	7.4379	357.20	4.5636	4.9203	10.1868
Aug.		1.9558	7.4900	25.523	7.4360	348.80	4.5296	4.9359	10.1625
Sep.		1.9558	7.4889	25.495	7.4360	360.19	4.6197	4.9475	10.1683
2021 Sep.	28	1.9558	7.5013	25.517	7.4360	359.39	4.6176	4.9498	10.1933
	29	1.9558	7.4975	25.457	7.4360	359.60	4.6260	4.9460	10.1830
	30	1.9558	7.4889	25.495	7.4360	360.19	4.6197	4.9475	10.1683
Oct.	1	1.9558	7.4980	25.309	7.4372	358.16	4.5826	4.9470	10.1538
	4	1.9558	7.4930	25.320	7.4374	355.90	4.5685	4.9478	10.1435
	5	1.9558	7.5050	25.308	7.4379	356.90	4.5998	4.9477	10.1310
	6	1.9558	7.5080	25.415	7.4398	359.43	4.5925	4.9458	10.1628
	7	1.9558	7.5150	25.415	7.4399	358.16	4.5458	4.9475	10.1453
	8	1.9558	7.5188	25.434	7.4413	360.19	4.6182	4.9483	10.1138
	11	1.9558	7.5155	25.399	7.4412	360.70	4.5913	4.9493	10.1163
	12	1.9558	7.5155	25.376	7.4408	359.91	4.5805	4.9499	10.1078
	13	1.9558	7.5180	25.369	7.4407	360.20	4.5772	4.9490	10.1195
	14	1.9558	7.5127	25.387	7.4406	359.00	4.5693	4.9500	10.0138
	15	1.9558	7.5105	25.403	7.4402	359.71	4.5644	4.9465	10.0288
	18	1.9558	7.5085	25.453	7.4400	361.35	4.5787	4.9490	10.0375
	19	1.9558	7.5083	25.505	7.4406	360.64	4.5729	4.9488	10.0300
	20	1.9558	7.5092	25.519	7.4404	361.59	4.5850	4.9487	10.0150
	21	1.9558	7.5132	25.615	7.4406	363.39	4.6030	4.9467	10.0145
	22	1.9558	7.5265	25.655	7.4405	363.52	4.5975	4.9454	9.9748

Period		Other European and non-European countries							
		Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
		Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2020 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
Dec.		1.5896	6.3735	1.5633	8.0225	9.5142	156.10	89.6605	17,240.76
2021 Jan.		1.5819	6.6568	1.5520	7.8047	9.4093	156.10	88.4320	16,994.16
Feb.		1.5605	6.6644	1.5331	7.8385	9.4010	152.90	89.5766	17,353.51
Mar.		1.5412	6.7409	1.4782	7.6812	9.1153	148.10	85.8130	17,030.56
Apr.		1.5581	6.4597	1.4834	7.8134	9.3816	149.60	89.4795	17,424.24
May		1.5775	6.3868	1.4727	7.7722	9.4690	147.60	88.5414	17,402.96
June		1.5853	5.9050	1.4722	7.6742	9.2293	146.50	88.3240	17,280.30
July		1.6133	6.0716	1.4791	7.6838	9.2451	146.60	88.3941	17,184.46
Aug.		1.6156	6.1386	1.4896	7.6465	9.2086	149.60	86.3850	16,879.69
Sep.		1.6095	6.2631	1.4750	7.4847	9.0184	150.90	86.0766	16,572.03
2021 Sep.	28	1.6115	6.3122	1.4776	7.5433	9.0882	149.70	86.5595	16,697.39
	29	1.6112	6.3218	1.4793	7.5347	9.0714	150.70	86.4670	16,670.71
	30	1.6095	6.2631	1.4750	7.4847	9.0184	150.90	86.0766	16,572.03
Oct.	1	1.5985	6.2816	1.4698	7.4781	9.0304	149.70	85.9750	16,563.71
	4	1.5957	6.2579	1.4668	7.5013	9.0597	150.10	86.4025	16,575.85
	5	1.5937	6.3106	1.4612	7.4805	9.0324	148.00	86.4880	16,506.62
	6	1.5913	6.3584	1.4575	7.4407	8.9876	148.60	86.4380	16,487.75
	7	1.5839	6.3380	1.4545	7.4536	9.0008	148.80	86.4080	16,406.70
	8	1.5837	6.3638	1.4499	7.4591	9.0066	149.40	86.7495	16,430.43
	11	1.5751	6.3719	1.4431	7.4644	9.0049	150.00	87.3340	16,444.42
	12	1.5660	6.3977	1.4395	7.4522	8.9915	150.00	87.2720	16,396.85
	13	1.5722	6.3814	1.4386	7.4482	8.9952	150.00	87.1095	16,438.27
	14	1.5644	6.3528	1.4361	7.4683	9.0244	149.60	87.3355	16,353.05
	15	1.5640	6.3635	1.4342	7.4663	9.0258	149.60	86.9670	16,292.60
	18	1.5707	6.3651	1.4384	7.4617	9.0268	150.00	87.4083	16,371.79
	19	1.5601	6.4806	1.4389	7.4464	9.0635	150.00	87.5000	16,422.33
	20	1.5528	6.4830	1.4349	7.4302	9.0375	150.00	87.0086	16,404.06
	21	1.5528	6.5892	1.4359	7.4463	9.0487	149.80	87.1445	16,460.85
	22	1.5510	6.6304	1.4341	7.4337	9.0412	150.20	87.0740	16,500.43

* 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 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	Philippines Philippines peso PHP
2020 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
Dec.	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984	10.4703	59.125
2021 Jan.	3.9814	127.05	1,354.98	4.9060	24.5417	1.6863	10.3430	58.333
Feb.	4.0072	128.83	1,367.10	4.9096	25.2879	1.6622	10.4012	59.090
Mar.	3.9178	129.91	1,324.19	4.8618	24.0506	1.6769	9.9955	56.901
Apr.	3.9199	131.62	1,346.24	4.9482	24.2345	1.6738	9.9533	58.286
May	3.9608	133.79	1,352.04	5.0323	24.3131	1.6799	10.2183	58.138
June	3.8763	131.43	1,341.41	4.9336	23.5784	1.7026	10.1717	58.063
July	3.8403	130.39	1,368.74	5.0180	23.6277	1.6990	10.4405	59.479
Aug.	3.7951	129.95	1,370.03	4.9194	23.7864	1.6760	10.2600	58.765
Sep.	3.7363	129.67	1,371.58	4.8475	23.7439	1.6858	10.1650	59.066
2021 Sep. 28	3.7505	130.17	1,385.41	4.8843	23.5909	1.6781	10.1020	59.626
29	3.7425	129.89	1,381.20	4.8769	23.7082	1.6826	10.1430	59.203
30	3.7363	129.67	1,371.58	4.8475	23.7439	1.6858	10.1650	59.066
Oct. 1	3.7353	128.97	1,371.32	4.8482	23.7955	1.6751	10.0204	58.752
4	3.7456	129.21	1,372.50	4.8569	23.8512	1.6687	9.9770	59.060
5	3.7477	128.99	1,376.12	4.8482	23.7904	1.6650	9.9155	58.893
6	3.7452	128.52	1,379.91	4.8297	23.9641	1.6728	9.9230	58.804
7	3.7353	128.78	1,375.87	4.8370	23.7032	1.6676	9.9388	58.308
8	3.7374	129.32	1,381.80	4.8335	23.8295	1.6686	9.8855	58.430
11	3.7358	130.70	1,383.43	4.8264	24.0051	1.6680	9.8880	58.924
12	3.7275	131.06	1,383.40	4.8132	24.0232	1.6591	9.8608	58.711
13	3.7408	131.30	1,378.13	4.8098	23.9497	1.6647	9.8555	58.564
14	3.7372	131.65	1,375.51	4.8195	23.8458	1.6506	9.7928	58.778
15	3.7409	132.65	1,371.21	4.8241	23.8542	1.6445	9.7625	58.903
18	3.7402	132.46	1,377.90	4.8406	23.7177	1.6436	9.7643	59.025
19	3.7425	133.12	1,372.96	4.8619	23.7003	1.6294	9.7340	59.157
20	3.7357	132.78	1,364.31	4.8369	23.4814	1.6219	9.7435	58.972
21	3.7379	132.85	1,370.60	4.8387	23.6004	1.6214	9.7065	59.124
22	3.7304	132.43	1,368.39	4.8265	23.5402	1.6257	9.7075	59.084

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB	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
2020 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
Dec.	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
2021 Jan.	91.8979	1.6121	18.3058	1.0798	36.287	8.8772	0.88383	1.2136
Feb.	90.6697	1.6106	18.1025	1.0986	36.799	9.0168	0.87053	1.2121
Mar.	88.3175	1.5768	17.3484	1.1070	36.658	9.7250	0.85209	1.1725
Apr.	90.7108	1.6045	17.3875	1.0998	37.648	9.9777	0.86863	1.2082
May	89.5350	1.6130	16.7974	1.0982	38.067	10.3728	0.86013	1.2201
June	86.7725	1.5976	17.0114	1.0980	38.118	10.3210	0.85805	1.1884
July	86.7116	1.6090	17.3283	1.0771	39.098	9.9985	0.85140	1.1891
Aug.	86.7600	1.5897	17.2282	1.0799	38.129	9.8310	0.85875	1.1834
Sep.	84.3391	1.5760	17.5629	1.0830	39.235	10.2981	0.86053	1.1579
2021 Sep. 28	84.7497	1.5846	17.6299	1.0840	39.460	10.3685	0.85950	1.1678
29	84.6823	1.5822	17.5210	1.0829	39.490	10.3168	0.86443	1.1654
30	84.3391	1.5760	17.5629	1.0830	39.235	10.2981	0.86053	1.1579
Oct. 1	84.7187	1.5733	17.3449	1.0791	39.022	10.2583	0.85653	1.1600
4	84.7198	1.5777	17.3166	1.0768	39.242	10.2816	0.85530	1.1636
5	84.1541	1.5743	17.3792	1.0752	39.203	10.2707	0.85173	1.1602
6	83.6242	1.5712	17.4561	1.0715	39.116	10.2802	0.84970	1.1542
7	83.1780	1.5697	17.2074	1.0712	39.051	10.2594	0.85023	1.1562
8	83.2390	1.5681	17.2259	1.0734	39.161	10.3110	0.84890	1.1569
11	82.9630	1.5665	17.3108	1.0722	39.195	10.3726	0.84878	1.1574
12	83.0176	1.5664	17.2650	1.0729	38.501	10.4044	0.84755	1.1555
13	83.0248	1.5646	17.1940	1.0722	38.478	10.4833	0.84898	1.1562
14	83.1225	1.5642	17.1620	1.0686	38.524	10.6104	0.84618	1.1602
15	82.6325	1.5637	17.0504	1.0729	38.669	10.7132	0.84368	1.1602
18	82.7185	1.5659	17.1217	1.0712	38.827	10.7740	0.84438	1.1604
19	82.6346	1.5666	17.0003	1.0716	38.881	10.8484	0.84275	1.1655
20	82.5141	1.5629	16.8307	1.0739	38.774	10.7821	0.84503	1.1623
21	82.9299	1.5672	16.9215	1.0690	38.862	10.9681	0.84290	1.1637
22	81.8586	1.5669	17.0626	1.0668	38.763	11.1830	0.84370	1.1630

* See Explanatory notes, p. 48.