

双币投资/汇通投资产品每日结算(Fixing Rates for DCI/EYI only)  
每双周更新(To be updated on bi-weekly basis)

Currency Pair	8/1/2022	8/2/2022	8/3/2022	8/4/2022	8/5/2022	8/8/2022	8/9/2022	8/10/2022	8/11/2022	8/12/2022	8/15/2022
AUD/USD	0.6986	0.6956	0.6933	0.6962	0.6967	0.6936	0.69745	0.6956	0.7074	0.712	0.7082
USD/CAD	1.2808	1.2867	1.2854	1.2845	1.2868	1.29245	1.2856	1.2883	1.2784	1.2749	1.2799
EUR/USD	1.02165	1.0268	1.0176	1.0165	1.023	1.0186	1.02	1.0213	1.0283	1.0316	1.0241
GBP/USD	1.21785	1.22435	1.21685	1.2148	1.21435	1.20775	1.20905	1.20805	1.2194	1.21885	1.2109
USD/JPY	132.57	130.66	133.21	134.04	133.315	135.21	135.02	134.99	133.15	133.19	133.19
NZD/USD	0.6295	0.6305	0.6264	0.6293	0.6297	0.62425	0.6278	0.629	0.64	0.6458	0.6415
USD/CHF	0.9512	0.9505	0.9561	0.9613	0.95675	0.9609	0.955	0.95375	0.9439	0.9415	0.94235
USD/SGD	1.3804	1.3783	1.3807	1.3806	1.3756	1.3819	1.3785	1.3788	1.3716	1.3695	1.3735
USD/HKD	7.85	7.8498	7.85	7.8495	7.8499	7.8499	7.8497	7.8496	7.8464	7.8328	7.8356
AUD/SGD	0.9643	0.9587	0.9572	0.9612	0.9584	0.9585	0.9614	0.9591	0.9703	0.9751	0.9727
CAD/SGD	1.0778	1.0712	1.0741	1.0748	1.069	1.0692	1.0723	1.0702	1.0729	1.0742	1.0731
EUR/SGD	1.4103	1.4152	1.405	1.4034	1.4073	1.4077	1.4061	1.4082	1.4104	1.4128	1.4066
GBP/SGD	1.6811	1.6875	1.6801	1.6772	1.6705	1.669	1.6667	1.6657	1.6725	1.6692	1.6632
SGD/JPY	96.0374	94.798	96.48	97.0882	96.9074	97.8313	97.9484	97.9087	97.0764	97.2545	96.9713
NZD/SGD	0.869	0.869	0.8649	0.8688	0.8662	0.8627	0.8654	0.8673	0.8778	0.8844	0.8811
CHF/SGD	1.4512	1.4501	1.4441	1.4362	1.4379	1.4382	1.4435	1.4457	1.4531	1.4546	1.4575
SGD/CNH	4.904085772	4.922223028	4.89418411	4.896132116	4.907894737	4.898545481	4.901994922	4.903394256	4.911927676	4.917707192	4.93185293
EUR/AUD	1.46243	1.47614	1.46776	1.46007	1.46835	1.46857	1.46247	1.46823	1.45363	1.44888	1.44606
EUR/CAD	1.30854	1.3212	1.30803	1.30571	1.3164	1.31649	1.31131	1.31574	1.31458	1.31519	1.31075
EUR/GBP	0.8389	0.83865	0.83626	0.83676	0.84243	0.84339	0.84364	0.84541	0.84328	0.84637	0.84573
EUR/JPY	135.44	134.16	135.55	136.25	136.38	137.72	137.73	137.89	136.92	137.4	136.4
EUR/NZD	1.623	1.6285	1.6245	1.6153	1.6246	1.6317	1.6247	1.6237	1.6067	1.5974	1.5964
EUR/CHF	0.97179	0.97597	0.97293	0.97716	0.97875	0.97877	0.9741	0.97407	0.97061	0.97125	0.96506
EUR/HKD	8.02	8.0602	7.9882	7.979	8.0304	7.9959	8.0067	8.0168	8.0685	8.0803	8.0244
AUD/CAD	0.8948	0.895	0.8912	0.8943	0.8965	0.8964	0.8966	0.8961	0.9043	0.9077	0.9064
GBP/AUD	1.7433	1.7601	1.7552	1.7449	1.743	1.7413	1.7335	1.7367	1.7238	1.7119	1.7098
AUD/JPY	92.613	90.887	92.354	93.319	92.881	93.782	94.171	93.904	94.19	94.831	94.325
AUD/NZD	1.1098	1.1033	1.1068	1.1063	1.1064	1.1111	1.1109	1.1059	1.1053	1.1025	1.104
AUD/CHF	0.6645	0.6612	0.6629	0.6693	0.6666	0.6665	0.6661	0.6634	0.6677	0.6703	0.6674
AUD/HKD	5.484	5.4603	5.4424	5.4648	5.469	5.4447	5.4748	5.4602	5.5505	5.577	5.5492
GBP/HKD	9.5601	9.6109	9.5523	9.5356	9.5325	9.4807	9.4907	9.4827	9.5679	9.547	9.4881
GBP/NZD	1.9346	1.9419	1.9426	1.9304	1.9285	1.9347	1.9259	1.9206	1.9053	1.8873	1.8876
GBP/JPY	161.45	159.974	162.097	162.832	161.891	163.3	163.249	163.084	162.363	162.339	161.28
USD/SEK	10.167	10.1327	10.2359	10.2173	10.1257	10.1894	10.1448	10.1737	10.0733	10.0692	10.2326
AUD/SEK	7.1026662	7.04830612	7.09654947	7.11328426	7.05457519	7.06736784	7.07549076	7.07682572	7.12585242	7.1692704	7.24672732
CAD/SEK	7.938007495	7.874951426	7.963202116	7.954301285	7.868899596	7.883786607	7.891101431	7.896996041	7.879615144	7.898031218	7.994843347
EUR/SEK	10.38711555	10.40425636	10.41605184	10.38588545	10.3585911	10.37892284	10.347696	10.39039981	10.35837439	10.38738672	10.47920566
GBP/SEK	12.38188095	12.40597125	12.45555492	12.41197604	12.2961438	12.30624785	12.26557044	12.29033829	12.28338202	12.27284442	12.39065534
SEK/JPY	13.03924461	12.89488488	13.01399975	13.11892574	13.16600334	13.2696724	13.3092816	13.26852571	13.21811124	13.22746594	13.01624221
CHF/SEK	10.68860387	10.66038927	10.70588851	10.6286279	10.5834335	10.60401707	10.62282723	10.66705111	10.67199915	10.69484865	10.85859819
NZD/SEK	6.4001265	6.38866735	6.41176776	6.42974689	6.37615329	6.36073295	6.36890544	6.3992573	6.446912	6.50268936	6.5642129
HKD/SEK	1.295159236	1.290822696	1.303936306	1.301649787	1.289914521	1.298029274	1.292380601	1.296078781	1.283811684	1.285517312	1.305911481
SEK/SGD	0.135772598	0.136024949	0.134887992	0.135123761	0.135852336	0.135621332	0.135882423	0.135525915	0.136161933	0.136008819	0.13422786
HKD/SGD	0.1758	0.1756	0.1759	0.1759	0.1752	0.176	0.1756	0.1757	0.1748	0.1748	0.1753
CAD/HKD	6.1289	6.1007	6.107	6.1109	6.1003	6.0736	6.1059	6.093	6.1376	6.1438	6.122
HKD/JPY	16.8879	16.645	16.9694	17.0762	16.983	17.2244	17.2011	17.1983	16.9696	17.0041	16.9981
CHF/HKD	8.2527	8.2586	8.2104	8.1655	8.2048	8.1693	8.2196	8.2302	8.3127	8.3195	8.315
NZD/HKD	4.9416	4.9493	4.9172	4.9397	4.9431	4.9003	4.928	4.9374	5.0217	5.0584	5.0265
CAD/CHF	0.7427	0.7387	0.7438	0.7484	0.7435	0.7435	0.7428	0.7403	0.7383	0.7385	0.7363
NZD/CAD	0.8063	0.8113	0.8052	0.8083	0.8103	0.8068	0.8071	0.8103	0.8182	0.8233	0.8211
GBP/CAD	1.5598	1.5754	1.5641	1.5604	1.5626	1.561	1.5544	1.5563	1.5589	1.5539	1.5498
NZD/JPY	83.453	82.381	83.443	84.351	83.948	84.405	84.766	84.91	85.216	86.014	85.441
NZD/CHF	0.5988	0.5993	0.5989	0.6049	0.6025	0.5998	0.5995	0.5999	0.6041	0.608	0.6045
CAD/JPY	103.505	101.546	103.633	104.351	103.601	104.615	105.025	104.781	104.153	104.471	104.063
GBP/CHF	1.1584	1.1637	1.1634	1.1678	1.1618	1.1605	1.1546	1.1522	1.151	1.1475	1.1411
CHF/JPY	139.371	137.464	139.326	139.436	139.342	140.712	141.393	141.567	141.064	141.466	141.338
AUD/CNH	4.7292	4.7192	4.6849	4.706	4.7036	4.6952	4.7129	4.7028	4.7659	4.7952	4.7973
CAD/CNH	5.2854	5.2726	5.257	5.2624	5.2466	5.2376	5.2562	5.2478	5.27	5.2826	5.2925
CHF/CNH	7.1169	7.1376	7.0677	7.0317	7.0565	7.0448	7.0758	7.0887	7.1376	7.1533	7.1883
CNH/JPY	0.051064	0.051923	0.050727	0.05043	0.050642	0.050065	0.050046	0.05008	0.050599	0.050565	0.050859
EUR/CNH	6.9162	6.9661	6.8763	6.8711	6.9066	6.8952	6.8926	6.9048	6.9279	6.9476	6.9372
GBP/CNH	8.2444	8.3064	8.2227	8.2116	8.1984	8.1756	8.17	8.1674	8.2153	8.2087	8.2025
NZD/CNH	4.2615	4.2775	4.2328	4.2538	4.2513	4.2257	4.2423	4.2525	4.3118	4.3493	4.3455
USD/CNH	6.7696	6.7843	6.7574	6.7596	6.7513	6.7693	6.7574	6.7608	6.7372	6.7348	6.7739
XAU/AUD	2517.82	2547.92	2552.6	2544.37	2571.25	2559.53	2564.31	2572.05	2525.37	2515.27	2531.22
XAU/CAD	2252.8809	2280.4783	2274.8076	2275.3721	2305.1716	2294.4792	2299.2734	2304.9277	2283.8081	2283.1851	2294.3647
XAU/EUR	1721.68	1726.07	1739.11	1742.64	1751.11	1742.87	1753.41	1751.81	1737.28	1736.01	1750.42
XAU/GBP	1444.31	1447.57	1454.34	1458.17	1475.18	1469.91	1479.24	1481	1465.02	1469.31	1480.39
XAU/HKD	13807.7598	13912.4385	13892.3047	13904.5303	14062.2363	13935.8516	14039.0332	14043.8789	14017.2031	14027.5293	14046.1777
XAU/JPY	233184.0469	231572.6875	235744.4375	237437.1563	238819.2188	240037.0156	241480.6094	241513.3594	237865.8281	238526.0313	238757.7813
XAU/NZD	2794.2021	2810.9915	2825.2236	2814.8582	2844.8313	2843.877	2848.8057	2844.3884	2791.3284	2773.1035	2794.4041
XAU/USD	1758.95	1772.33	1769.72	1771.39	1791.39	1775.29	1788.48	1789.12	1786.45	1790.87	1792.61
XAU/ZAR	29270.68695	29361.65941	29590.24932	29669.01111	29790.09914	29782.79763	29699.49888	29696.70832	29004.44491	29082.65428	29120.59093
XAG/EUR	19.69813537	19.6356642	19.67560928	19.72956222	19.80391007	19.58099352	20.32254902	19.97640262	19.93474667	19.78421869	20.10497022
XAG/USD	20.1246	20.1619	20.0219	20.0551	20.2594	19.9452	20.729	20.4019	20.4989	20.4094	20.5895
AUD/ZAR	11.6254	11.5238	11.5922	11.6607	11.586	11.6362	11.5819	11.5459	11.4852	11.5624	11.5046
CAD/ZAR	12.9926	12.8752	13.0078	13.0392	12.9231	12.9802	12.9169	12.884	12.7	12.7378	12.6922
EUR/ZAR	17.0013	17.0107	17.0146	17.0254	17.0132	17.0895	16.9381	16.952	16.6953	16.7526	16.6363
GBP/ZAR	20.2662	20.2834	20.3461	20.3467	20.1945	20.262	20.0775	20.0518	19.7979	19.7934	19.6708
HKD/ZAR	2.1199	2.1105	2.13	2.1338	2.1185	2.1372	2.1155	2.1146	2.0692	2.0733	2.0732
USD/ZAR	16.641	16.5667	16.7203	16.749	16.6296	16.7763	16.606	16.5985	16.2358	16.2394	16.2448
ZAR/CNH	0.406802476	0.409514267	0.404143466	0.403582303	0.405980902	0.403503752	0.406925208	0.407313914	0.414959534	0.414719756	0.416988821

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8/16/2022	8/17/2022	8/18/2022	8/19/2022	8/22/2022	8/23/2022	8/24/2022	8/25/2022	8/26/2022	8/29/2022	8/30/2022	8/31/2022
0.7038	0.7017	0.6928	0.6914	0.6894	0.6879	0.6905	0.6953	0.69565	0.6854	0.6906	0.69005
1.2891	1.2832	1.2926	1.2959	1.2995	1.30405	1.298	1.2947	1.2954	1.3066	1.3003	1.3068
1.0163	1.018	1.0165	1.0082	1.0034	0.992	0.9944	0.9993	0.996	0.9923	1.0003	1.0039
1.20525	1.21215	1.20285	1.19185	1.18285	1.1748	1.181	1.1831	1.18035	1.1663	1.1709	1.16875
133.3	134.17	135.18	136.215	137.25	137.29	136.63	136.7	136.87	138.81	138.45	138.42
0.6363	0.6359	0.6273	0.6238	0.6197	0.6177	0.6188	0.6217	0.6198	0.6106	0.6152	0.6151
0.94635	0.94945	0.9524	0.95855	0.95945	0.96475	0.9654	0.96405	0.9641	0.9696	0.9671	0.9729
1.3778	1.3786	1.384	1.3865	1.3935	1.3981	1.3944	1.3913	1.3918	1.3995	1.3961	1.3949
7.8406	7.8382	7.8442	7.8464	7.8466	7.8469	7.8445	7.8453	7.8458	7.8482	7.8478	7.8473
0.9697	0.9674	0.9588	0.9586	0.9607	0.9618	0.9628	0.9674	0.9682	0.9592	0.9641	0.9626
1.0688	1.0743	1.0707	1.0699	1.0723	1.0721	1.0743	1.0746	1.0744	1.0711	1.0737	1.0674
1.4003	1.4034	1.4068	1.3979	1.3982	1.3869	1.3866	1.3903	1.3862	1.3887	1.3965	1.4003
1.6606	1.6711	1.6647	1.6525	1.6483	1.6425	1.6468	1.646	1.6428	1.6322	1.6347	1.6303
96.7484	97.3234	97.6734	98.2438	98.493	98.1976	97.9848	98.2534	98.3403	99.1854	99.1691	99.2329
0.8767	0.8767	0.8682	0.8649	0.8636	0.8636	0.8629	0.865	0.8626	0.8545	0.8589	0.858
1.4559	1.452	1.4532	1.4465	1.4524	1.4492	1.4444	1.4432	1.4436	1.4434	1.4436	1.4338
4.937726811	4.918395474	4.92066474	4.920158673	4.913240043	4.915242114	4.93294607	4.92956228	4.933611151	4.950625223	4.958240814	4.94494229
1.44402	1.45076	1.46724	1.4582	1.45547	1.44207	1.44012	1.43722	1.43175	1.44777	1.44845	1.45482
1.31011	1.3063	1.31394	1.30653	1.30392	1.29362	1.29074	1.2938	1.29022	1.29654	1.30069	1.3119
0.84323	0.83983	0.84508	0.84591	0.84829	0.8444	0.842	0.8447	0.84387	0.85081	0.8543	0.85895
135.47	136.59	137.41	137.33	137.72	136.19	135.86	136.6	136.32	137.74	138.49	138.96
1.5972	1.6009	1.6204	1.6162	1.6192	1.606	1.607	1.6074	1.607	1.6251	1.626	1.6321
0.96178	0.96654	0.96812	0.96641	0.96271	0.95703	0.95999	0.96338	0.96024	0.96213	0.96739	0.97669
7.9684	7.9793	7.9736	7.9107	7.8733	7.7841	7.8006	7.8398	7.8144	7.7878	7.8502	7.8779
0.9073	0.9004	0.8955	0.896	0.8959	0.8971	0.8963	0.9002	0.9011	0.8955	0.898	0.9018
1.7125	1.7274	1.7362	1.7238	1.7158	1.7078	1.7104	1.7015	1.6967	1.7016	1.6955	1.6937
93.817	94.147	93.653	94.179	94.62	94.442	94.343	95.048	95.214	95.14	95.614	95.517
1.1061	1.1035	1.1044	1.1084	1.1125	1.1136	1.1159	1.1184	1.1224	1.1225	1.1226	1.1219
0.666	0.6662	0.6598	0.6627	0.6614	0.6637	0.6666	0.6703	0.6707	0.6646	0.6679	0.6713
5.5182	5.5001	5.4345	5.425	5.4094	5.3979	5.4166	5.4548	5.4579	5.3792	5.4197	5.415
9.4499	9.5011	9.4354	9.3517	9.2814	9.2185	9.2644	9.2815	9.2605	9.1534	9.189	9.1715
1.8942	1.9062	1.9175	1.9106	1.9087	1.9019	1.9085	1.903	1.9044	1.9101	1.9033	1.9001
160.66	162.634	162.601	162.348	162.346	161.288	161.36	161.719	161.543	161.894	162.111	161.778
10.3463	10.3268	10.4131	10.5214	10.5978	10.7413	10.6531	10.5812	10.6143	10.7348	10.6626	10.6579
7.28172594	7.24631556	7.21419568	7.27449596	7.30612332	7.38894027	7.35596555	7.35710836	7.383837795	7.35763192	7.36359156	7.354483895
8.025987123	8.047693267	8.055933777	8.118990663	8.155290496	8.23687742	8.207318952	8.172704101	8.193839741	8.215827338	8.200107667	8.155723906
10.51494469	10.5126824	10.58491615	10.60767548	10.63383252	10.6553696	10.59344264	10.57379316	10.5718428	10.65214204	10.66579878	10.69946581
12.46987808	12.51763062	12.52539734	12.53993059	12.53560773	12.61887924	12.5813111	12.51861772	12.52858901	12.51999724	12.48483834	12.45642063
12.88383287	12.9924081	12.98172494	12.946471	12.95080111	12.78150689	12.82537477	12.91913961	12.89486824	12.93084175	12.98463789	12.98754914
10.93284726	10.87661278	10.93353633	10.97637056	11.04570327	11.13376522	11.03490781	10.97577926	11.00954258	11.07136964	11.02533347	10.95477439
6.58335069	6.56681212	6.53213763	6.56324932	6.56745666	6.63490101	6.59213828	6.57833204	6.57874314	6.55466888	6.55963152	6.55567429
1.319580134	1.317496364	1.327490375	1.340920677	1.3506232	1.36885904	1.358034292	1.348731087	1.352863953	1.367804082	1.358673768	1.358161406
0.133168379	0.133497308	0.132909508	0.131779041	0.131489554	0.130161154	0.130891478	0.131487922	0.131124992	0.130370384	0.130934294	0.130879442
0.1757	0.1759	0.1764	0.1767	0.1776	0.1782	0.1778	0.1773	0.1774	0.1783	0.1779	0.1778
6.0822	6.1083	6.0685	6.0548	6.0382	6.0173	6.0435	6.0595	6.0566	6.0066	6.0354	6.005
17.0013	17.1174	17.2331	17.3602	17.4917	17.4961	17.4173	17.4244	17.445	17.6869	17.6419	17.6392
8.2851	8.2555	8.2362	8.1857	8.1782	8.1336	8.1256	8.1379	8.138	8.0943	8.1148	8.0659
4.989	4.9843	4.9207	4.8946	4.8625	4.847	4.8542	4.8774	4.8628	4.7921	4.828	4.8269
0.7341	0.7399	0.7368	0.7397	0.7383	0.7398	0.7438	0.7446	0.7442	0.7421	0.7437	0.7445
0.8203	0.816	0.8109	0.8084	0.8053	0.8055	0.8032	0.8049	0.8029	0.7978	0.7999	0.8038
1.5537	1.5554	1.5548	1.5445	1.5371	1.532	1.5329	1.5318	1.529	1.5239	1.5225	1.5273
84.819	85.319	84.798	84.971	85.054	84.804	84.547	84.986	84.832	84.757	85.174	85.142
0.6022	0.6038	0.5974	0.5979	0.5946	0.5959	0.5974	0.5993	0.5975	0.592	0.595	0.5984
103.405	104.559	104.579	105.112	105.617	105.279	105.262	105.584	105.658	106.237	106.475	105.923
1.1406	1.1509	1.1456	1.1424	1.1349	1.1334	1.1401	1.1405	1.1379	1.1308	1.1324	1.1371
140.857	141.313	141.936	142.105	143.051	142.306	141.527	141.798	141.967	143.162	143.16	142.276
4.7881	4.7579	4.7181	4.7166	4.72	4.7272	4.7496	4.7687	4.7768	4.7487	4.7805	4.7598
5.2775	5.284	5.2686	5.2641	5.2686	5.2697	5.2993	5.2973	5.3007	5.3026	5.3235	5.2783
7.1889	7.1415	7.1506	7.1168	7.136	7.1231	7.125	7.1143	7.1223	7.1456	7.1577	7.0898
0.051037	0.050537	0.050379	0.050081	0.049884	0.050055	0.050344	0.050172	0.050169	0.049913	0.049998	0.049832
6.9141	6.9025	6.9226	6.8777	6.8699	6.817	6.84	6.8537	6.8391	6.8751	6.9243	6.9246
8.1996	8.219	8.1917	8.1306	8.0985	8.0732	8.1235	8.1142	8.1049	8.0806	8.1052	8.0617
4.3289	4.3117	4.272	4.2554	4.2428	4.2448	4.2564	4.2639	4.2559	4.2305	4.2585	4.2428
6.8032	6.7805	6.8102	6.8218	6.8466	6.872	6.8785	6.8585	6.8666	6.9284	6.9222	6.8977
2531.7	2538.79	2545.63	2539.89	2530.01	2525.54	2528.94	2526.61	2523.85	2514.97	2512.08	2499.27
2296.9346	2285.99	2279.6555	2275.71	2266.5798	2265.5583	2266.6143	2274.5215	2274.3975	2252.2712	2255.8193	2253.7405
1753.23	1749.97	1734.98	1741.8	1738.28	1751.33	1756.06	1757.9	1762.68	1737.14	1734.32	1717.92
1478.37	1469.68	1466.19	1473.41	1474.57	1478.82	1478.6	1484.9	1487.47	1477.97	1481.63	1475.61
13970.4619	13963.5205	13834.1123	13778.9092	13685.9639	13632.5791	13698.3037	13782.127	13774.8086	13528.415	13614.6807	13533.6143
237515.3125	239019.8594	238404.8281	239204.4688	239390.0938	238516.6875	238587.4375	240135.2031	240291.4063	239275.1563	240188.6406	238721.9375
2800.2673	2801.4941	2811.4302	2815.1335	2814.5715	2812.5632	2821.9622	2825.7939	2832.7756	2823.0596	2819.9614	2803.8044
1781.81	1781.47	1763.61	1756.08	1744.19	1737.32	1746.23	1756.78	1755.74	1723.76	1734.84	1724.62
29252.33113	29190.98927	29452.81608	29687.05922	29693.78824	29539.47823	29741.96398	29637.93267	29476.24099	29280.64924	29223.20632	29137.28244
19.88074387	19.90530452	19.35051648	19.20710177	18.99392067	19.06300403	19.19177393	19.26188332	19.32128514	18.77083543	18.71658502	18.46010559
20.2048	20.2636	19.6698	19.3646	19.0585	18.9105	19.0843	19.2484	19.244	18.6263	18.7222	18.5321
11.5544	11.498	11.57	11.6883	11.7366	11.6963	11.7607	11.7301	11.6789	11.6425	11.6331	11.6583
12.7354	12.7695	12.9199	13.0452	13.1007	13.0385	13.1218	13.0304	12.9601	13.0005	12.9546	12.9284
16.6848	16.6808	16.9759	17.0439	17.0823	16.8669	16.9367	16.8588	16.7213	16.8557	16.85	16.9608
19.7868	19.8622	20.088	20.1486	20.1373	19.975	20.1149	19.9617	19.8187	19.8113	19.7237	19.7459
2.0939	2.0905	2.129	2.1545	2.1697	2.1668	2.1712	2.1504	2.1398	2.1644	2.1464	2.153
16.4172	16.3859	16.7003	16.9053	17.0244	17.0						