

Table 4 - price information to be published as referred to in Article 4 point (b)

Date	Financial Instrument Name	simple average transaction price	volume-weighted transaction price	highest executed Price	lowest executed Price
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3/8/2019	AUDCAD	0.94351	0.94351	0.94351	0.94351
3/11/2019	AUDCAD	0.94534	0.945355478	0.94712	0.94397
3/12/2019	AUDCAD	0.94637	0.94637	0.94637	0.94637
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2/14/2019	AUDJPY	78.85163636	78.98294444	79.101	78.35
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1/16/2019	AUDNZD				
1/17/2019	AUDNZD				
1/18/2019	AUDNZD	1.06302	1.06302	1.06373	1.06231
1/21/2019	AUDNZD				
1/22/2019	AUDNZD				
1/23/2019	AUDNZD	1.04993	1.04993	1.04993	1.04993
1/24/2019	AUDNZD				
1/25/2019	AUDNZD				
1/28/2019	AUDNZD				
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1/30/2019	AUDNZD				
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2/5/2019	AUDNZD	1.04889	1.04889	1.04889	1.04889
2/6/2019	AUDNZD	1.04406	1.045225263	1.04856	1.04112
2/7/2019	AUDNZD				
2/8/2019	AUDNZD				
2/11/2019	AUDNZD				
2/12/2019	AUDNZD				
2/13/2019	AUDNZD				
2/14/2019	AUDNZD	1.0385	1.0385	1.039	1.038
2/15/2019	AUDNZD				
2/18/2019	AUDNZD				
2/19/2019	AUDNZD	1.041413333	1.041413333	1.0416	1.04126
2/20/2019	AUDNZD	1.042	1.042	1.042	1.042
2/21/2019	AUDNZD				
2/22/2019	AUDNZD	1.04463	1.04463	1.04463	1.04463
2/25/2019	AUDNZD	1.04121	1.041101757	1.04198	1.04043
2/26/2019	AUDNZD				
2/27/2019	AUDNZD	1.04332	1.04332	1.04332	1.04332
2/28/2019	AUDNZD				
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3/5/2019	AUDNZD				
3/6/2019	AUDNZD				
3/7/2019	AUDNZD				
3/8/2019	AUDNZD				
3/11/2019	AUDNZD	1.035	1.035	1.03558	1.03442
3/12/2019	AUDNZD	1.03275	1.03275	1.03275	1.03275
3/13/2019	AUDNZD	1.03	1.03	1.03	1.03

3/14/2019	AUDNZD				
3/15/2019	AUDNZD				
3/18/2019	AUDNZD	1.03655	1.03655	1.03655	1.03655
3/19/2019	AUDNZD	1.03493	1.03493	1.0355	1.03436
3/20/2019	AUDNZD	1.03482	1.03482	1.03482	1.03482
3/21/2019	AUDNZD	1.03407	1.034061053	1.03408	1.03406
3/22/2019	AUDNZD	1.03131	1.03131	1.03131	1.03131
3/25/2019	AUDNZD				
3/26/2019	AUDNZD	1.032395	1.032395	1.03246	1.03233
3/27/2019	AUDNZD	1.041948	1.041696563	1.0426	1.04165
3/28/2019	AUDNZD				
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3/28/2019	AUDSGD				
3/29/2019	AUDSGD				
1/1/2019	AUDUSD				
1/2/2019	AUDUSD	0.701467619	0.70075601	0.70421	0.6993
1/3/2019	AUDUSD	0.696786563	0.700800963	0.70197	0.68583
1/4/2019	AUDUSD	0.706162632	0.708402366	0.71181	0.70066
1/7/2019	AUDUSD	0.713331	0.71323664	0.71466	0.71235
1/8/2019	AUDUSD	0.713101538	0.712708632	0.71425	0.71222
1/9/2019	AUDUSD	0.7164325	0.716702876	0.71868	0.71476
1/10/2019	AUDUSD	0.718465	0.718277652	0.71935	0.71746
1/11/2019	AUDUSD	0.722085714	0.722079183	0.72334	0.7205
1/14/2019	AUDUSD	0.719467692	0.720417348	0.72138	0.7179
1/15/2019	AUDUSD	0.720785	0.719941863	0.72216	0.71914
1/16/2019	AUDUSD	0.718712222	0.718052138	0.72076	0.71696
1/17/2019	AUDUSD	0.717113333	0.71823108	0.71926	0.7152
1/18/2019	AUDUSD	0.7193	0.7193	0.7199	0.7187
1/21/2019	AUDUSD	0.715548182	0.715414174	0.71715	0.71435
1/22/2019	AUDUSD	0.713411154	0.713854428	0.71518	0.71252
1/23/2019	AUDUSD	0.71416	0.71416	0.71416	0.71416
1/24/2019	AUDUSD	0.711874375	0.711641777	0.71664	0.70868
1/25/2019	AUDUSD	0.711717	0.711621528	0.71763	0.70798
1/28/2019	AUDUSD	0.717270769	0.717352097	0.71827	0.7164
1/29/2019	AUDUSD	0.7163125	0.715594903	0.71707	0.71506
1/30/2019	AUDUSD	0.720802857	0.717207153	0.72682	0.71638
1/31/2019	AUDUSD	0.727055	0.727487688	0.7277	0.72617
2/1/2019	AUDUSD	0.725395	0.723978614	0.72684	0.72395
2/4/2019	AUDUSD	0.72246	0.722020618	0.72352	0.72175
2/5/2019	AUDUSD	0.723230667	0.721909229	0.72622	0.71994
2/6/2019	AUDUSD	0.7148208	0.712729501	0.71878	0.71094
2/7/2019	AUDUSD	0.710258182	0.709855836	0.7117	0.70937
2/8/2019	AUDUSD	0.708011333	0.708447976	0.7095	0.70688
2/11/2019	AUDUSD	0.708897	0.706930048	0.71048	0.70607
2/12/2019	AUDUSD	0.708292778	0.708297986	0.70989	0.70563
2/13/2019	AUDUSD	0.710575714	0.710964359	0.71284	0.70888
2/14/2019	AUDUSD	0.710635	0.710673908	0.71343	0.70799
2/15/2019	AUDUSD	0.710554167	0.71027004	0.71441	0.70869
2/18/2019	AUDUSD	0.714065	0.714598986	0.71633	0.71281
2/19/2019	AUDUSD	0.713356875	0.714941692	0.7167	0.71093
2/20/2019	AUDUSD	0.71603	0.71603	0.71665	0.71541
2/21/2019	AUDUSD	0.711443571	0.7126058	0.7187	0.70776
2/22/2019	AUDUSD	0.710477143	0.71067	0.71146	0.7097
2/25/2019	AUDUSD	0.715265714	0.715394701	0.71777	0.71362
2/26/2019	AUDUSD	0.716404	0.718608361	0.71936	0.71501
2/27/2019	AUDUSD	0.716028182	0.714160299	0.71902	0.71347
2/28/2019	AUDUSD	0.712503	0.71131601	0.71611	0.70951
3/1/2019	AUDUSD	0.708958333	0.709475313	0.7105	0.70803
3/4/2019	AUDUSD	0.7093925	0.709501691	0.71086	0.70783
3/5/2019	AUDUSD	0.7072975	0.707438744	0.70768	0.70673

3/6/2019	AUDUSD	0.704154444	0.704848939	0.70871	0.70273
3/7/2019	AUDUSD	0.703366429	0.703455364	0.70481	0.70116
3/8/2019	AUDUSD	0.703008462	0.703629093	0.70485	0.70075
3/11/2019	AUDUSD	0.705294167	0.704935423	0.70627	0.70407
3/12/2019	AUDUSD	0.7077175	0.707503967	0.70838	0.707
3/13/2019	AUDUSD	0.706242941	0.707452544	0.7088	0.70511
3/14/2019	AUDUSD	0.705656667	0.70551625	0.70633	0.70455
3/15/2019	AUDUSD	0.70753625	0.707685	0.70895	0.70644
3/18/2019	AUDUSD	0.710151364	0.710266255	0.71188	0.70837
3/19/2019	AUDUSD	0.70973	0.709346467	0.71061	0.7088
3/20/2019	AUDUSD	0.709616923	0.708411008	0.71412	0.70745
3/21/2019	AUDUSD	0.711525909	0.710684826	0.71635	0.70923
3/22/2019	AUDUSD	0.709773	0.709410254	0.71108	0.70815
3/25/2019	AUDUSD	0.710126667	0.710287994	0.7108	0.70945
3/26/2019	AUDUSD	0.713412857	0.713943115	0.71457	0.7121
3/27/2019	AUDUSD	0.710001	0.710759147	0.71316	0.70714
3/28/2019	AUDUSD	0.708719167	0.708051	0.71025	0.70691
3/29/2019	AUDUSD	0.7092275	0.709668902	0.71015	0.70869
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2/15/2019	bchUSD				
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2/19/2019	bchUSD				
2/20/2019	bchUSD				
2/21/2019	bchUSD	144.465	144.465	150.9	138.03
2/22/2019	bchUSD				
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3/28/2019	bchUSD				
3/29/2019	bchUSD				
1/1/2019	CADCHF				
1/2/2019	CADCHF				
1/3/2019	CADCHF	0.73351	0.73351	0.73351	0.73351
1/4/2019	CADCHF				

1/7/2019	CADCHF				
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1/11/2019	CADCHF				
1/14/2019	CADCHF				
1/15/2019	CADCHF				
1/16/2019	CADCHF	0.7466325	0.746414386	0.74742	0.74575
1/17/2019	CADCHF	0.74699125	0.747509476	0.75047	0.7455
1/18/2019	CADCHF	0.75066	0.75066	0.75066	0.75066
1/21/2019	CADCHF				
1/22/2019	CADCHF	0.748022	0.748284688	0.7484	0.74687
1/23/2019	CADCHF				
1/24/2019	CADCHF				
1/25/2019	CADCHF	0.749684	0.749684	0.74983	0.74915
1/28/2019	CADCHF	0.748782857	0.748782857	0.75069	0.74718
1/29/2019	CADCHF	0.7493	0.7493	0.74933	0.74927
1/30/2019	CADCHF	0.7554	0.7554	0.7554	0.7554
1/31/2019	CADCHF				
2/1/2019	CADCHF	0.75914	0.759391429	0.75976	0.75738
2/4/2019	CADCHF				
2/5/2019	CADCHF	0.76166	0.761234545	0.76218	0.76114
2/6/2019	CADCHF	0.759354	0.759414146	0.7597	0.75904
2/7/2019	CADCHF				
2/8/2019	CADCHF				
2/11/2019	CADCHF				
2/12/2019	CADCHF				
2/13/2019	CADCHF				
2/14/2019	CADCHF				
2/15/2019	CADCHF				
2/18/2019	CADCHF				
2/19/2019	CADCHF	0.75654	0.75654	0.75654	0.75654
2/20/2019	CADCHF	0.7594	0.7594	0.7594	0.7594
2/21/2019	CADCHF				
2/22/2019	CADCHF				
2/25/2019	CADCHF				
2/26/2019	CADCHF				
2/27/2019	CADCHF	0.75891	0.75891	0.75891	0.75891
2/28/2019	CADCHF	0.757646667	0.757646667	0.75852	0.7565
3/1/2019	CADCHF	0.76	0.76	0.76	0.76
3/4/2019	CADCHF				
3/5/2019	CADCHF				
3/6/2019	CADCHF				
3/7/2019	CADCHF				
3/8/2019	CADCHF				
3/11/2019	CADCHF				
3/12/2019	CADCHF	0.75253	0.75253	0.75253	0.75253
3/13/2019	CADCHF				
3/14/2019	CADCHF				
3/15/2019	CADCHF	0.75016	0.75016	0.75016	0.75016

3/18/2019	CADCHF				
3/19/2019	CADCHF				
3/20/2019	CADCHF				
3/21/2019	CADCHF	0.74338	0.74338	0.74338	0.74338
3/22/2019	CADCHF				
3/25/2019	CADCHF	0.739805	0.739805	0.74016	0.73945
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1/16/2019	CADJPY	82.1332	82.12222917	82.341	81.81
1/17/2019	CADJPY	81.948	81.948	81.957	81.939
1/18/2019	CADJPY				
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1/24/2019	CADJPY	82.12	82.12	82.12	82.12
1/25/2019	CADJPY	82.475	82.475	82.475	82.475
1/28/2019	CADJPY	82.298	82.298	82.367	82.229
1/29/2019	CADJPY				
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2/4/2019	CADJPY	83.7235	83.7056	84.005	83.587
2/5/2019	CADJPY	83.8	83.8	83.8	83.8
2/6/2019	CADJPY	83.162	83.162	83.162	83.162
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2/14/2019	CADJPY	83.338	83.338	83.338	83.338
2/15/2019	CADJPY				

2/18/2019	CADJPY	83.492	83.492	83.492	83.492
2/19/2019	CADJPY	83.55183333	83.49412	83.707	83.436
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2/21/2019	CADJPY	84.09566667	84.09609091	84.18	84.012
2/22/2019	CADJPY				
2/25/2019	CADJPY	84.321	84.321	84.321	84.321
2/26/2019	CADJPY	83.752	83.752	83.752	83.752
2/27/2019	CADJPY	84.15	84.15	84.15	84.15
2/28/2019	CADJPY	84.3255	84.3261	84.54	84.108
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3/5/2019	CADJPY	83.84	83.842	83.843	83.837
3/6/2019	CADJPY	83.3135	83.27055556	83.7	83.045
3/7/2019	CADJPY	82.98	82.98	82.981	82.979
3/8/2019	CADJPY	82.8505	82.85371429	82.858	82.843
3/11/2019	CADJPY	82.964625	82.93737634	83.022	82.694
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3/13/2019	CADJPY	83.339	83.339	83.339	83.339
3/14/2019	CADJPY	83.7815	83.78528215	83.82	83.725
3/15/2019	CADJPY	83.7201	83.59389228	84.008	83.442
3/18/2019	CADJPY	83.613	83.58487571	83.713	83.51
3/19/2019	CADJPY	83.58466667	83.42996423	83.757	83.427
3/20/2019	CADJPY	83.522	83.46778049	83.639	83.376
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3/25/2019	CADJPY	82.14266667	82.09058621	82.187	82.077
3/26/2019	CADJPY	82.4275	82.4275	82.632	82.223
3/27/2019	CADJPY	82.4388	82.5047541	82.644	82.15
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1/17/2019	CHF/JPY	109.5755	109.5755	109.577	109.574
1/18/2019	CHF/JPY	110.1435	110.1435	110.144	110.143
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1/25/2019	CHF/JPY	110.25875	110.2604286	110.294	110.212
1/28/2019	CHF/JPY	110.1976875	110.2073571	110.35	110.093
1/29/2019	CHF/JPY	110.0603704	110.0654089	110.34	109.865
1/30/2019	CHF/JPY	109.789	109.7344909	109.924	109.563
1/31/2019	CHF/JPY	109.4683333	109.4835882	109.496	109.414
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2/7/2019	CHF/JPY	109.6665	109.6665	109.668	109.665
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2/11/2019	CHF/JPY	109.954	109.954	109.954	109.954

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2/14/2019	CHFJPY	110.124	110.124	110.124	110.124
2/15/2019	CHFJPY	109.7	109.7	109.7	109.7
2/18/2019	CHFJPY	110.082	110.0887251	110.21	109.964
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2/22/2019	CHFJPY	110.802	110.802	110.802	110.802
2/25/2019	CHFJPY	110.9736667	110.971375	111.102	110.849
2/26/2019	CHFJPY	110.7	110.7	110.7	110.7
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3/13/2019	CHFJPY	110.6615	110.6615	110.668	110.655
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3/18/2019	CHFJPY	111.262	111.262	111.262	111.262
3/19/2019	CHFJPY	111.2423333	111.1059149	111.442	111.097
3/20/2019	CHFJPY	111.7	111.7	111.7	111.7
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1/4/2019	EURAUD	1.627005	1.627005	1.62756	1.62645

1/7/2019	EURAUD	1.605465	1.605465	1.606	1.60493
1/8/2019	EURAUD	1.60517	1.60517	1.60562	1.60472
1/9/2019	EURAUD				
1/10/2019	EURAUD	1.601195	1.601195	1.60181	1.60057
1/11/2019	EURAUD				
1/14/2019	EURAUD				
1/15/2019	EURAUD	1.587232857	1.584923252	1.59307	1.58358
1/16/2019	EURAUD	1.588381818	1.589109567	1.5904	1.5836
1/17/2019	EURAUD				
1/18/2019	EURAUD				
1/21/2019	EURAUD	1.590006667	1.590006667	1.59002	1.58999
1/22/2019	EURAUD	1.591698421	1.591823182	1.59538	1.58768
1/23/2019	EURAUD	1.592938	1.592808333	1.59318	1.59216
1/24/2019	EURAUD				
1/25/2019	EURAUD	1.590176667	1.590091294	1.59035	1.59
1/28/2019	EURAUD	1.5927575	1.5927575	1.59366	1.59103
1/29/2019	EURAUD	1.59698	1.596960048	1.59974	1.5957
1/30/2019	EURAUD	1.59401	1.593006016	1.5985	1.58993
1/31/2019	EURAUD	1.580768333	1.579628427	1.58358	1.579
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2/5/2019	EURAUD	1.577598333	1.577477308	1.57899	1.5751
2/6/2019	EURAUD	1.59491	1.59491	1.59491	1.59491
2/7/2019	EURAUD	1.598862	1.598367	1.60157	1.59793
2/8/2019	EURAUD	1.600966667	1.600966	1.60123	1.6007
2/11/2019	EURAUD	1.59627	1.59627	1.5963	1.59624
2/12/2019	EURAUD	1.59595	1.596695017	1.5967	1.5952
2/13/2019	EURAUD	1.591766	1.590096143	1.596	1.58843
2/14/2019	EURAUD	1.5854	1.5854	1.5854	1.5854
2/15/2019	EURAUD				
2/18/2019	EURAUD	1.58125	1.58125	1.5818	1.5807
2/19/2019	EURAUD	1.58231	1.58231	1.58231	1.58231
2/20/2019	EURAUD	1.583825	1.585557688	1.58556	1.58209
2/21/2019	EURAUD	1.5889	1.589441463	1.60189	1.5794
2/22/2019	EURAUD	1.59444	1.59444	1.59688	1.592
2/25/2019	EURAUD	1.58409	1.58409	1.58409	1.58409
2/26/2019	EURAUD	1.590435	1.590435	1.59063	1.59024
2/27/2019	EURAUD	1.594	1.594	1.594	1.594
2/28/2019	EURAUD				
3/1/2019	EURAUD	1.602697143	1.602735405	1.60459	1.60034
3/4/2019	EURAUD	1.60018	1.60018	1.60018	1.60018
3/5/2019	EURAUD				
3/6/2019	EURAUD	1.60805	1.60798	1.6084	1.6077
3/7/2019	EURAUD	1.597826667	1.596144231	1.60749	1.59524
3/8/2019	EURAUD				
3/11/2019	EURAUD	1.592839	1.590902203	1.59704	1.59071
3/12/2019	EURAUD	1.5935875	1.592833571	1.59569	1.59077
3/13/2019	EURAUD	1.597871875	1.597996316	1.60011	1.59586
3/14/2019	EURAUD	1.601578	1.601299444	1.60308	1.60066
3/15/2019	EURAUD	1.59841	1.59805	1.59949	1.59733

3/18/2019	EURAUD	1.597887778	1.598039301	1.59931	1.59688
3/19/2019	EURAUD	1.5996375	1.60010531	1.6004	1.59894
3/20/2019	EURAUD	1.602215	1.602215	1.60342	1.60036
3/21/2019	EURAUD	1.5982375	1.596860328	1.5995	1.59683
3/22/2019	EURAUD				
3/25/2019	EURAUD	1.59557	1.596114286	1.59684	1.5943
3/26/2019	EURAUD	1.58224	1.58224	1.58426	1.58022
3/27/2019	EURAUD	1.586648571	1.587003179	1.58718	1.58539
3/28/2019	EURAUD				
3/29/2019	EURAUD	1.58374	1.58374	1.58374	1.58374
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1/10/2019	EURCAD				
1/11/2019	EURCAD				
1/14/2019	EURCAD				
1/15/2019	EURCAD	1.51574	1.51574	1.51574	1.51574
1/16/2019	EURCAD				
1/17/2019	EURCAD				
1/18/2019	EURCAD	1.509485	1.509485	1.51274	1.50622
1/21/2019	EURCAD	1.511781429	1.511407504	1.51207	1.51137
1/22/2019	EURCAD	1.51636	1.51636	1.51636	1.51636
1/23/2019	EURCAD				
1/24/2019	EURCAD	1.51119	1.510441429	1.51381	1.50981
1/25/2019	EURCAD				
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1/29/2019	EURCAD				
1/30/2019	EURCAD	1.51682	1.51682	1.51689	1.51675
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2/5/2019	EURCAD	1.49996	1.49996	1.50064	1.49928
2/6/2019	EURCAD				
2/7/2019	EURCAD	1.503423333	1.503423333	1.50454	1.50286
2/8/2019	EURCAD				
2/11/2019	EURCAD	1.50021	1.50021	1.50021	1.50021
2/12/2019	EURCAD				
2/13/2019	EURCAD	1.493435	1.493435	1.49354	1.49333
2/14/2019	EURCAD	1.503778	1.503476154	1.50471	1.50114
2/15/2019	EURCAD				
2/18/2019	EURCAD	1.498382	1.498240252	1.50003	1.49686
2/19/2019	EURCAD	1.499092	1.501382451	1.50144	1.49626
2/20/2019	EURCAD	1.49504	1.49504	1.49504	1.49504
2/21/2019	EURCAD	1.495722	1.495722	1.49825	1.49263
2/22/2019	EURCAD	1.48828	1.48828	1.48828	1.48828
2/25/2019	EURCAD	1.492636	1.49218	1.4953	1.4911

2/26/2019	EURCAD	1.502765	1.503119167	1.50319	1.50234
2/27/2019	EURCAD	1.4965	1.49525	1.498	1.495
2/28/2019	EURCAD				
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3/5/2019	EURCAD	1.51182	1.51182	1.51182	1.51182
3/6/2019	EURCAD	1.51606	1.518972727	1.51962	1.5125
3/7/2019	EURCAD	1.50566	1.50566	1.50566	1.50566
3/8/2019	EURCAD				
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3/12/2019	EURCAD	1.509861667	1.510888025	1.51233	1.50662
3/13/2019	EURCAD				
3/14/2019	EURCAD				
3/15/2019	EURCAD	1.504325	1.5043325	1.50434	1.50431
3/18/2019	EURCAD	1.511815	1.5118125	1.51182	1.51181
3/19/2019	EURCAD				
3/20/2019	EURCAD	1.516256667	1.516251905	1.51785	1.51545
3/21/2019	EURCAD	1.519232	1.519368892	1.52009	1.51847
3/22/2019	EURCAD	1.51547	1.51547	1.51547	1.51547
3/25/2019	EURCAD	1.517715	1.517715	1.5189	1.51653
3/26/2019	EURCAD	1.51601	1.51601	1.51601	1.51601
3/27/2019	EURCAD	1.50946	1.50946	1.50981	1.50911
3/28/2019	EURCAD				
3/29/2019	EURCAD	1.503	1.503	1.503	1.503
1/1/2019	EURCHF				
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1/3/2019	EURCHF	1.123668889	1.125669747	1.12754	1.11884
1/4/2019	EURCHF	1.124955	1.124955	1.12604	1.12387
1/7/2019	EURCHF	1.12406	1.12406	1.12406	1.12406
1/8/2019	EURCHF	1.12271	1.12271	1.12271	1.12271
1/9/2019	EURCHF	1.12479	1.124098571	1.12568	1.12391
1/10/2019	EURCHF				
1/11/2019	EURCHF	1.12779	1.12779	1.12779	1.12779
1/14/2019	EURCHF	1.12605	1.12605	1.12605	1.12605
1/15/2019	EURCHF	1.125610667	1.125697782	1.1273	1.12486
1/16/2019	EURCHF				
1/17/2019	EURCHF	1.13225	1.13225	1.13238	1.1321
1/18/2019	EURCHF	1.13205	1.13205	1.1321	1.132
1/21/2019	EURCHF	1.1325875	1.133768136	1.13424	1.131
1/22/2019	EURCHF	1.133395	1.13393055	1.13419	1.13189
1/23/2019	EURCHF	1.132436667	1.132574793	1.13283	1.13216
1/24/2019	EURCHF	1.128571538	1.129147749	1.1314	1.1268
1/25/2019	EURCHF	1.129731471	1.130848983	1.13354	1.12665
1/28/2019	EURCHF	1.1334	1.1334	1.13394	1.13286
1/29/2019	EURCHF	1.135395	1.135395	1.13708	1.13407
1/30/2019	EURCHF	1.138645	1.138297684	1.14048	1.1369
1/31/2019	EURCHF	1.140655	1.141885	1.1425	1.13881
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2/4/2019	EURCHF	1.14152	1.14152	1.14152	1.14152
2/5/2019	EURCHF	1.14118	1.14118	1.14118	1.14118

2/6/2019	EURCHF	1.14069	1.14069	1.14069	1.14069
2/7/2019	EURCHF	1.136568	1.136562016	1.1366	1.13654
2/8/2019	EURCHF				
2/11/2019	EURCHF	1.13358	1.133237143	1.13491	1.13277
2/12/2019	EURCHF	1.13646	1.136182353	1.13821	1.13296
2/13/2019	EURCHF	1.138472	1.138709231	1.13963	1.13693
2/14/2019	EURCHF	1.13650625	1.136987	1.13807	1.13502
2/15/2019	EURCHF	1.13489	1.13478	1.13511	1.13467
2/18/2019	EURCHF	1.1354975	1.135226429	1.13588	1.13509
2/19/2019	EURCHF	1.135124	1.135005217	1.13587	1.13439
2/20/2019	EURCHF	1.1356975	1.135685698	1.13623	1.13519
2/21/2019	EURCHF	1.134835	1.134835	1.13493	1.13474
2/22/2019	EURCHF	1.134595714	1.134853834	1.13487	1.13383
2/25/2019	EURCHF	1.13482	1.135232503	1.13581	1.13382
2/26/2019	EURCHF	1.137622	1.136687285	1.13896	1.13615
2/27/2019	EURCHF	1.13879	1.138898397	1.13898	1.13863
2/28/2019	EURCHF	1.13823	1.13823	1.13844	1.13795
3/1/2019	EURCHF	1.1352025	1.135156	1.13596	1.13431
3/4/2019	EURCHF	1.134574286	1.135782266	1.13613	1.1322
3/5/2019	EURCHF	1.133685	1.135316142	1.13553	1.13258
3/6/2019	EURCHF	1.135286667	1.135051008	1.13546	1.13503
3/7/2019	EURCHF	1.1362025	1.136171056	1.13645	1.13599
3/8/2019	EURCHF	1.132465	1.132465	1.13295	1.13198
3/11/2019	EURCHF	1.134957143	1.134968333	1.13709	1.13353
3/12/2019	EURCHF	1.136609231	1.136360928	1.13747	1.1355
3/13/2019	EURCHF	1.13673375	1.13728682	1.13751	1.13624
3/14/2019	EURCHF				
3/15/2019	EURCHF	1.13453	1.13453	1.13468	1.13438
3/18/2019	EURCHF				
3/19/2019	EURCHF	1.13501	1.13501	1.13501	1.13501
3/20/2019	EURCHF	1.13315	1.13315	1.13335	1.13295
3/21/2019	EURCHF	1.128515	1.129684384	1.12972	1.12731
3/22/2019	EURCHF				
3/25/2019	EURCHF	1.123385	1.122393333	1.12491	1.12211
3/26/2019	EURCHF				
3/27/2019	EURCHF	1.120724	1.120816842	1.12102	1.11995
3/28/2019	EURCHF	1.118246667	1.118428846	1.11844	1.11813
3/29/2019	EURCHF	1.1182775	1.1182775	1.1194	1.11715
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1/10/2019	EURGBP	0.902854667	0.903071111	0.90433	0.90161
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1/15/2019	EURGBP	0.891350769	0.893063231	0.89767	0.88633
1/16/2019	EURGBP	0.886398125	0.886810974	0.88804	0.88416
1/17/2019	EURGBP	0.8818532	0.883778968	0.88715	0.87691
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1/23/2019	EURGBP	0.873421481	0.871430931	0.87769	0.8699
1/24/2019	EURGBP	0.86960875	0.869915567	0.87197	0.86649
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1/29/2019	EURGBP	0.870141224	0.872256159	0.87494	0.86608
1/30/2019	EURGBP	0.874773333	0.875147252	0.87601	0.87344
1/31/2019	EURGBP	0.874485	0.874294836	0.87588	0.87269
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2/5/2019	EURGBP	0.878197647	0.878905811	0.88141	0.8757
2/6/2019	EURGBP	0.879290833	0.87885617	0.88103	0.87786
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2/27/2019	EURGBP	0.855629	0.855673143	0.85983	0.85325
2/28/2019	EURGBP	0.857003684	0.857599423	0.85841	0.85414
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3/7/2019	EURGBP	0.85748375	0.857010441	0.86066	0.85459
3/8/2019	EURGBP	0.857155714	0.857403333	0.86332	0.85482
3/11/2019	EURGBP	0.861876538	0.861853814	0.8671	0.85438
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3/18/2019	EURGBP	0.855214	0.855387143	0.85739	0.85171
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3/25/2019	EURGBP	0.8571032	0.857185022	0.85926	0.85459
3/26/2019	EURGBP	0.855416667	0.85415289	0.8585	0.85285
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1/3/2019	EURJPY	122.6536909	122.5127855	123.53	118.788
1/4/2019	EURJPY	123.3146316	123.6239843	123.839	122.63
1/7/2019	EURJPY	123.9711098	123.5944513	124.713	123.425
1/8/2019	EURJPY	124.3964706	124.3472093	124.582	124.183
1/9/2019	EURJPY	124.7527381	124.8871758	125.036	124.463
1/10/2019	EURJPY	124.6363462	124.5900367	125.036	124.382
1/11/2019	EURJPY	124.6215	124.4315807	124.893	124.361
1/14/2019	EURJPY	124.084	124.1105924	124.409	123.784
1/15/2019	EURJPY	124.1460968	124.0544264	124.836	123.439
1/16/2019	EURJPY	123.8629565	123.9337714	124.286	123.566
1/17/2019	EURJPY	124.14675	124.0818824	124.637	123.783
1/18/2019	EURJPY	124.6354615	124.6535652	124.875	124.396
1/21/2019	EURJPY	124.7325625	124.654439	124.752	124.612
1/22/2019	EURJPY	124.2407045	124.2645859	124.63	124.116
1/23/2019	EURJPY	124.6654286	124.7487567	124.825	124.348
1/24/2019	EURJPY	124.3272	124.3776519	124.811	123.851
1/25/2019	EURJPY	124.8553248	124.8359346	125.235	123.8
1/28/2019	EURJPY	124.7976	124.7648966	124.985	124.648
1/29/2019	EURJPY	124.9469714	124.9232566	125.21	124.695
1/30/2019	EURJPY	125.07275	125.0447941	125.235	124.914
1/31/2019	EURJPY	124.7569375	124.6718055	125.126	124.528
2/1/2019	EURJPY	125.3867931	124.8295479	125.656	124.382
2/4/2019	EURJPY	125.7262411	125.7616836	125.885	125.415
2/5/2019	EURJPY	125.4510714	125.3780311	125.767	125.326
2/6/2019	EURJPY	125.0881111	124.9726862	125.417	124.854
2/7/2019	EURJPY	124.593	124.5280691	124.969	124.368
2/8/2019	EURJPY	124.4282414	124.4817813	124.62	124.246
2/11/2019	EURJPY	124.5896571	124.5517403	124.826	124.28
2/12/2019	EURJPY	124.8105556	124.6141321	125.235	124.497
2/13/2019	EURJPY	125.25748	125.1266153	125.501	125.046
2/14/2019	EURJPY	124.9966	125.0882388	125.345	124.788
2/15/2019	EURJPY	124.5685455	124.445405	124.843	124.311
2/18/2019	EURJPY	125.0997778	125.078317	125.235	124.969
2/19/2019	EURJPY	125.1460714	125.4334579	125.501	124.89
2/20/2019	EURJPY	125.6715714	125.6618947	125.767	125.574
2/21/2019	EURJPY	125.5593636	125.5156949	125.767	125.446
2/22/2019	EURJPY	125.5947857	125.5520432	125.732	125.446
2/25/2019	EURJPY	125.8398252	125.7440075	126.033	125.441
2/26/2019	EURJPY	126.0254167	125.8709363	126.158	125.738
2/27/2019	EURJPY	126.1846354	126.1846354	126.299	125.666

2/28/2019	EURJPY	126.693101	126.4268025	126.838	126.048
3/1/2019	EURJPY	127.1264444	127.3139024	127.363	127.003
3/4/2019	EURJPY	127.0869412	126.8539895	127.326	126.529
3/5/2019	EURJPY	126.5807778	126.5862588	126.87	126.371
3/6/2019	EURJPY	126.4088	126.420875	126.522	126.36
3/7/2019	EURJPY	125.6872	126.3057841	126.416	125.038
3/8/2019	EURJPY	124.6831176	124.5790121	124.926	124.433
3/11/2019	EURJPY	124.9304118	124.9652965	125.139	124.557
3/12/2019	EURJPY	125.2998	125.1960547	125.639	125.114
3/13/2019	EURJPY	125.8305455	125.8659738	126	125.629
3/14/2019	EURJPY	126.2513158	126.391504	126.496	126.052
3/15/2019	EURJPY	126.3155909	126.2789923	126.501	126.145
3/18/2019	EURJPY	126.3607273	126.4025602	126.614	126.153
3/19/2019	EURJPY	126.2558125	126.2092352	126.415	126.126
3/20/2019	EURJPY	126.5378824	126.5003792	126.711	126.364
3/21/2019	EURJPY	125.943375	125.9435568	126.543	125.71
3/22/2019	EURJPY	124.4244762	124.464424	126.031	123.884
3/25/2019	EURJPY	124.4870714	124.4708147	124.759	123.988
3/26/2019	EURJPY	124.7632222	124.866866	124.928	124.508
3/27/2019	EURJPY	124.3442222	124.3372869	124.521	124.11
3/28/2019	EURJPY	124.0339	123.9735244	124.245	123.675
3/29/2019	EURJPY	124.3357143	124.3117143	124.473	124.219
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1/11/2019	EURNZD	1.67848	1.67848	1.67848	1.67848
1/14/2019	EURNZD	1.68186	1.68186	1.68186	1.68186
1/15/2019	EURNZD	1.67636	1.67636	1.67636	1.67636
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2/11/2019	EURNZD	1.676005	1.676005	1.67633	1.67568
2/12/2019	EURNZD	1.677885	1.677885	1.6789	1.67687
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2/18/2019	EURNZD	1.64732	1.64732	1.648	1.64664
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2/20/2019	EURNZD	1.65407	1.65407	1.65407	1.65407
2/21/2019	EURNZD	1.66003	1.66003	1.663	1.65706
2/22/2019	EURNZD	1.6663	1.6663	1.6663	1.6663
2/25/2019	EURNZD	1.64836	1.64836	1.64836	1.64836
2/26/2019	EURNZD	1.64989	1.64989	1.64989	1.64989
2/27/2019	EURNZD				
2/28/2019	EURNZD	1.67118	1.671106667	1.67129	1.67107
3/1/2019	EURNZD	1.67055	1.670785714	1.6733	1.66835
3/4/2019	EURNZD				
3/5/2019	EURNZD	1.66488	1.66488	1.66576	1.664
3/6/2019	EURNZD	1.6701325	1.670953357	1.67125	1.66846
3/7/2019	EURNZD				
3/8/2019	EURNZD	1.653913333	1.654436	1.65626	1.6513
3/11/2019	EURNZD	1.646926667	1.649002917	1.65039	1.64511

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3/13/2019	EURNZD	1.651735	1.651735	1.65201	1.65146
3/14/2019	EURNZD	1.65648	1.65648	1.65648	1.65648
3/15/2019	EURNZD	1.65245	1.65245	1.6537	1.6513
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3/21/2019	EURNZD	1.64989	1.649736667	1.65346	1.64668
3/22/2019	EURNZD	1.64388	1.64388	1.64569	1.64207
3/25/2019	EURNZD	1.63681	1.63681	1.63681	1.63681
3/26/2019	EURNZD	1.63568	1.635209048	1.63928	1.63195
3/27/2019	EURNZD	1.65377	1.65377	1.65377	1.65377
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1/4/2019	EURUSD	1.139294722	1.139084464	1.14188	1.1346
1/7/2019	EURUSD	1.146008302	1.143833818	1.14831	1.14075
1/8/2019	EURUSD	1.144916512	1.144614773	1.1465	1.14234
1/9/2019	EURUSD	1.150406122	1.151561625	1.15506	1.14432
1/10/2019	EURUSD	1.15185561	1.153916914	1.15678	1.14892
1/11/2019	EURUSD	1.1499625	1.149744991	1.15368	1.14615
1/14/2019	EURUSD	1.14685	1.147244629	1.14805	1.14498
1/15/2019	EURUSD	1.142672791	1.143616003	1.14825	1.13851
1/16/2019	EURUSD	1.139607083	1.139348957	1.14201	1.13756
1/17/2019	EURUSD	1.138863704	1.138816653	1.14035	1.13704
1/18/2019	EURUSD	1.138357778	1.138048295	1.1412	1.13591
1/21/2019	EURUSD	1.137222143	1.137959858	1.13835	1.1357
1/22/2019	EURUSD	1.135558387	1.135947726	1.13715	1.1339
1/23/2019	EURUSD	1.137541364	1.137577086	1.13895	1.13551
1/24/2019	EURUSD	1.133775211	1.134192445	1.1382	1.1293
1/25/2019	EURUSD	1.136512881	1.136818794	1.14181	1.13025
1/28/2019	EURUSD	1.141590926	1.141872345	1.1446	1.13922
1/29/2019	EURUSD	1.142840204	1.143900751	1.14491	1.14106
1/30/2019	EURUSD	1.144706753	1.144797165	1.15014	1.14075
1/31/2019	EURUSD	1.147323514	1.147963651	1.15132	1.14346
2/1/2019	EURUSD	1.1467516	1.146942818	1.14877	1.14429
2/4/2019	EURUSD	1.143477273	1.143868424	1.14568	1.1427
2/5/2019	EURUSD	1.141518333	1.14225704	1.14355	1.14022
2/6/2019	EURUSD	1.138700938	1.139009108	1.14074	1.13655
2/7/2019	EURUSD	1.134442353	1.134771929	1.13649	1.13287
2/8/2019	EURUSD	1.133282222	1.133196969	1.135	1.13202
2/11/2019	EURUSD	1.129532	1.12941885	1.13266	1.12661

2/12/2019	EURUSD	1.130152817	1.131831211	1.13415	1.12574
2/13/2019	EURUSD	1.129594667	1.128931337	1.13404	1.12601
2/14/2019	EURUSD	1.128318243	1.127961817	1.13042	1.1249
2/15/2019	EURUSD	1.127651739	1.126648289	1.13066	1.12401
2/18/2019	EURUSD	1.131357368	1.131577867	1.1328	1.12889
2/19/2019	EURUSD	1.132154667	1.132454598	1.13564	1.12755
2/20/2019	EURUSD	1.134780476	1.134761438	1.13702	1.13328
2/21/2019	EURUSD	1.133910833	1.134003937	1.13592	1.13233
2/22/2019	EURUSD	1.133395789	1.133284187	1.13556	1.13191
2/25/2019	EURUSD	1.135468333	1.135396854	1.13687	1.13352
2/26/2019	EURUSD	1.136900278	1.136707186	1.1399	1.13497
2/27/2019	EURUSD	1.13839913	1.138960285	1.14025	1.13647
2/28/2019	EURUSD	1.138811053	1.139176307	1.14194	1.13607
3/1/2019	EURUSD	1.137646	1.13819365	1.14015	1.13515
3/4/2019	EURUSD	1.134229348	1.133752508	1.13802	1.13128
3/5/2019	EURUSD	1.131532619	1.131858627	1.13362	1.12932
3/6/2019	EURUSD	1.130844828	1.131065236	1.13209	1.12981
3/7/2019	EURUSD	1.125060492	1.12686899	1.13185	1.11852
3/8/2019	EURUSD	1.122843214	1.122695815	1.12485	1.11917
3/11/2019	EURUSD	1.124096641	1.124380523	1.12562	1.12217
3/12/2019	EURUSD	1.127289701	1.127503181	1.13034	1.12478
3/13/2019	EURUSD	1.130373644	1.129625865	1.13373	1.12837
3/14/2019	EURUSD	1.131258698	1.132605407	1.13383	1.12917
3/15/2019	EURUSD	1.132385257	1.132758413	1.13439	1.13023
3/18/2019	EURUSD	1.133903792	1.133804521	1.13583	1.13189
3/19/2019	EURUSD	1.134707044	1.134946467	1.13639	1.1332
3/20/2019	EURUSD	1.137160064	1.135481495	1.14449	1.13331
3/21/2019	EURUSD	1.137387692	1.137988055	1.14209	1.13457
3/22/2019	EURUSD	1.133661354	1.131831028	1.13916	1.12793
3/25/2019	EURUSD	1.131872624	1.131907216	1.13318	1.12963
3/26/2019	EURUSD	1.128954321	1.12844456	1.13277	1.12611
3/27/2019	EURUSD	1.126128416	1.126384329	1.12863	1.12401
3/28/2019	EURUSD	1.123336889	1.12464916	1.12594	1.12133
3/29/2019	EURUSD	1.122628942	1.123059583	1.12441	1.12108
1/1/2019	EURZAR				
1/2/2019	EURZAR				
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3/28/2019	EURZAR				
3/29/2019	EURZAR				
1/1/2019	GBPAUD				
1/2/2019	GBPAUD	1.808545	1.808545	1.81182	1.80527

1/3/2019	GBPAUD	1.804516429	1.804690556	1.80715	1.80117
1/4/2019	GBPAUD				
1/7/2019	GBPAUD				
1/8/2019	GBPAUD				
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1/16/2019	GBPAUD				
1/17/2019	GBPAUD				
1/18/2019	GBPAUD				
1/21/2019	GBPAUD				
1/22/2019	GBPAUD	1.811908333	1.805122714	1.82005	1.80446
1/23/2019	GBPAUD	1.823356667	1.823356667	1.82779	1.81458
1/24/2019	GBPAUD				
1/25/2019	GBPAUD	1.85066	1.85066	1.85083	1.85049
1/28/2019	GBPAUD				
1/29/2019	GBPAUD	1.83378	1.83378	1.83828	1.82928
1/30/2019	GBPAUD	1.817472222	1.818088696	1.8236	1.8081
1/31/2019	GBPAUD				
2/1/2019	GBPAUD				
2/4/2019	GBPAUD	1.812814	1.812814	1.81321	1.81228
2/5/2019	GBPAUD	1.79781	1.791854835	1.80353	1.78924
2/6/2019	GBPAUD	1.815795	1.81311335	1.81908	1.81155
2/7/2019	GBPAUD	1.822030909	1.82485915	1.82852	1.81444
2/8/2019	GBPAUD	1.82914	1.82914	1.82914	1.82914
2/11/2019	GBPAUD	1.821535	1.821535	1.82154	1.82153
2/12/2019	GBPAUD	1.818258	1.818258	1.81908	1.81762
2/13/2019	GBPAUD	1.81424	1.810551765	1.81658	1.81044
2/14/2019	GBPAUD				
2/15/2019	GBPAUD				
2/18/2019	GBPAUD	1.806888889	1.806459278	1.8091	1.80413
2/19/2019	GBPAUD	1.82284	1.822706003	1.82542	1.82034
2/20/2019	GBPAUD	1.822605	1.821745625	1.82316	1.82123
2/21/2019	GBPAUD	1.835259412	1.837276	1.84033	1.83088
2/22/2019	GBPAUD	1.82888	1.827810627	1.83761	1.82347
2/25/2019	GBPAUD	1.82649625	1.82383471	1.83047	1.82199
2/26/2019	GBPAUD	1.842702	1.840454887	1.84603	1.839
2/27/2019	GBPAUD	1.858723333	1.858723333	1.86323	1.85641
2/28/2019	GBPAUD	1.869012	1.868715556	1.86962	1.86837
3/1/2019	GBPAUD	1.866813333	1.863792788	1.86817	1.86291
3/4/2019	GBPAUD	1.85743	1.85743	1.85743	1.85743
3/5/2019	GBPAUD	1.855473	1.857255	1.85848	1.85261
3/6/2019	GBPAUD	1.870411875	1.873545916	1.874	1.85608
3/7/2019	GBPAUD	1.86414	1.86414	1.86414	1.86414
3/8/2019	GBPAUD	1.856962727	1.849433382	1.86305	1.84505
3/11/2019	GBPAUD	1.865358667	1.871242531	1.87751	1.84466
3/12/2019	GBPAUD	1.851492727	1.853693058	1.8677	1.84232
3/13/2019	GBPAUD	1.869091667	1.877925317	1.87943	1.8638

3/14/2019	GBPAUD	1.878015	1.875992024	1.88004	1.87599
3/15/2019	GBPAUD				
3/18/2019	GBPAUD	1.864712857	1.86238199	1.86582	1.8623
3/19/2019	GBPAUD	1.86869	1.869807959	1.87058	1.86556
3/20/2019	GBPAUD	1.86507	1.86507	1.86861	1.86153
3/21/2019	GBPAUD				
3/22/2019	GBPAUD				
3/25/2019	GBPAUD	1.860401667	1.858610757	1.86456	1.8568
3/26/2019	GBPAUD				
3/27/2019	GBPAUD	1.865745	1.86535	1.86693	1.86456
3/28/2019	GBPAUD	1.85094	1.85094	1.85188	1.85
3/29/2019	GBPAUD	1.84496	1.84496	1.84496	1.84496
1/1/2019	GBPCAD				
1/2/2019	GBPCAD				
1/3/2019	GBPCAD				
1/4/2019	GBPCAD				
1/7/2019	GBPCAD	1.70346	1.70346	1.70346	1.70346
1/8/2019	GBPCAD				
1/9/2019	GBPCAD				
1/10/2019	GBPCAD				
1/11/2019	GBPCAD	1.679785	1.679785	1.68312	1.67645
1/14/2019	GBPCAD				
1/15/2019	GBPCAD	1.696254	1.696254	1.70895	1.68699
1/16/2019	GBPCAD	1.704463333	1.704463333	1.70666	1.70265
1/17/2019	GBPCAD	1.71244	1.709413333	1.71698	1.7079
1/18/2019	GBPCAD				
1/21/2019	GBPCAD	1.71583	1.71583	1.71583	1.71583
1/22/2019	GBPCAD				
1/23/2019	GBPCAD				
1/24/2019	GBPCAD	1.74151	1.74151	1.74151	1.74151
1/25/2019	GBPCAD				
1/28/2019	GBPCAD				
1/29/2019	GBPCAD				
1/30/2019	GBPCAD	1.73091	1.73091	1.73091	1.73091
1/31/2019	GBPCAD				
2/1/2019	GBPCAD				
2/4/2019	GBPCAD	1.712596667	1.712379231	1.71548	1.71074
2/5/2019	GBPCAD	1.70152	1.70141	1.70251	1.70053
2/6/2019	GBPCAD				
2/7/2019	GBPCAD	1.71109	1.71109	1.71109	1.71109
2/8/2019	GBPCAD				
2/11/2019	GBPCAD				
2/12/2019	GBPCAD				
2/13/2019	GBPCAD				
2/14/2019	GBPCAD				
2/15/2019	GBPCAD	1.7017825	1.701703333	1.70254	1.70143
2/18/2019	GBPCAD				
2/19/2019	GBPCAD				
2/20/2019	GBPCAD				
2/21/2019	GBPCAD				

2/22/2019	GBPCAD	1.7222	1.7222	1.7255	1.71532
2/25/2019	GBPCAD				
2/26/2019	GBPCAD	1.7341	1.7341	1.7341	1.7341
2/27/2019	GBPCAD	1.750395455	1.750350495	1.7509	1.75031
2/28/2019	GBPCAD				
3/1/2019	GBPCAD	1.7469038	1.747342399	1.75372	1.73793
3/4/2019	GBPCAD	1.75442	1.75442	1.75442	1.75442
3/5/2019	GBPCAD	1.751498889	1.757472141	1.759	1.74942
3/6/2019	GBPCAD	1.76752	1.76882	1.77036	1.7652
3/7/2019	GBPCAD	1.76439875	1.76485988	1.77279	1.76018
3/8/2019	GBPCAD	1.75524	1.75477	1.76065	1.74975
3/11/2019	GBPCAD	1.7443	1.745703239	1.7498	1.74021
3/12/2019	GBPCAD				
3/13/2019	GBPCAD				
3/14/2019	GBPCAD				
3/15/2019	GBPCAD	1.76944	1.76944	1.76944	1.76944
3/18/2019	GBPCAD	1.76482	1.76482	1.76598	1.76366
3/19/2019	GBPCAD	1.759996667	1.760051111	1.76021	1.75958
3/20/2019	GBPCAD	1.75863	1.75863	1.75863	1.75863
3/21/2019	GBPCAD	1.751925	1.75281	1.75635	1.7475
3/22/2019	GBPCAD				
3/25/2019	GBPCAD	1.771080714	1.7697575	1.77873	1.76578
3/26/2019	GBPCAD				
3/27/2019	GBPCAD				
3/28/2019	GBPCAD	1.757873333	1.763615833	1.76553	1.75342
3/29/2019	GBPCAD	1.74576	1.74576	1.74576	1.74576
1/1/2019	GBPCHF				
1/2/2019	GBPCHF				
1/3/2019	GBPCHF				
1/4/2019	GBPCHF	1.25641	1.25641	1.25641	1.25641
1/7/2019	GBPCHF	1.253567143	1.255221028	1.25535	1.25162
1/8/2019	GBPCHF	1.253665	1.253665	1.25367	1.25366
1/9/2019	GBPCHF	1.247978	1.247978	1.25165	1.24587
1/10/2019	GBPCHF	1.25189	1.255046238	1.25535	1.24866
1/11/2019	GBPCHF	1.259695	1.259012617	1.26405	1.25287
1/14/2019	GBPCHF				
1/15/2019	GBPCHF				
1/16/2019	GBPCHF				
1/17/2019	GBPCHF				
1/18/2019	GBPCHF				
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1/24/2019	GBPCHF				
1/25/2019	GBPCHF				
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1/29/2019	GBPCHF				
1/30/2019	GBPCHF				
1/31/2019	GBPCHF				
2/1/2019	GBPCHF				

2/4/2019	GBPCHF	1.3036125	1.3036125	1.3051	1.30176
2/5/2019	GBPCHF				
2/6/2019	GBPCHF				
2/7/2019	GBPCHF	1.2945125	1.2945125	1.29486	1.29419
2/8/2019	GBPCHF				
2/11/2019	GBPCHF				
2/12/2019	GBPCHF				
2/13/2019	GBPCHF				
2/14/2019	GBPCHF				
2/15/2019	GBPCHF	1.28658	1.28658	1.28663	1.28655
2/18/2019	GBPCHF	1.296746667	1.296746667	1.29679	1.29671
2/19/2019	GBPCHF	1.302655	1.300184286	1.30842	1.29689
2/20/2019	GBPCHF	1.30733	1.30733	1.30733	1.30733
2/21/2019	GBPCHF	1.30482	1.30482	1.30482	1.30482
2/22/2019	GBPCHF				
2/25/2019	GBPCHF	1.307596667	1.308597451	1.31184	1.30547
2/26/2019	GBPCHF	1.319475	1.31967625	1.32681	1.3126
2/27/2019	GBPCHF				
2/28/2019	GBPCHF	1.32393	1.32393	1.32393	1.32393
3/1/2019	GBPCHF	1.32229	1.32229	1.32398	1.3206
3/4/2019	GBPCHF				
3/5/2019	GBPCHF	1.32082	1.32082	1.32082	1.32082
3/6/2019	GBPCHF	1.323313333	1.323258333	1.32349	1.32321
3/7/2019	GBPCHF	1.323110573	1.323270586	1.32331	1.32263
3/8/2019	GBPCHF	1.3123104	1.3123104	1.31235	1.3122708
3/11/2019	GBPCHF	1.31775	1.31775	1.31775	1.31775
3/12/2019	GBPCHF				
3/13/2019	GBPCHF				
3/14/2019	GBPCHF				
3/15/2019	GBPCHF	1.326285	1.326285	1.327	1.32557
3/18/2019	GBPCHF				
3/19/2019	GBPCHF				
3/20/2019	GBPCHF	1.32229	1.32229	1.32358	1.321
3/21/2019	GBPCHF	1.302328	1.301914286	1.3045	1.29665
3/22/2019	GBPCHF	1.306105	1.306105	1.307	1.30521
3/25/2019	GBPCHF				
3/26/2019	GBPCHF	1.309525	1.309525	1.30976	1.30929
3/27/2019	GBPCHF				
3/28/2019	GBPCHF	1.306035	1.305945	1.30731	1.305
3/29/2019	GBPCHF				
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1/1/2019	GBPJPY				
1/2/2019	GBPJPY	138.5515	139.1486125	139.288	137.288
1/3/2019	GBPJPY	134.8244615	134.9644148	135.982	132.015
1/4/2019	GBPJPY	136.9271429	136.8964904	136.997	136.793

1/7/2019	GBPJPY				
1/8/2019	GBPJPY				
1/9/2019	GBPJPY	138.3695	138.289881	138.615	138.248
1/10/2019	GBPJPY	138.038	138.038	138.041	138.035
1/11/2019	GBPJPY				
1/14/2019	GBPJPY	139.1685	139.1685	139.215	139.122
1/15/2019	GBPJPY	139.4276667	139.4276667	139.811	139.051
1/16/2019	GBPJPY				
1/17/2019	GBPJPY	140.4994	141.2578889	142.206	139.936
1/18/2019	GBPJPY	141.083	141.083	141.083	141.083
1/21/2019	GBPJPY	141.1712222	141.3826729	141.451	140.8
1/22/2019	GBPJPY	141.34365	141.3959818	141.567	140.715
1/23/2019	GBPJPY	143.3	143.3	143.3	143.3
1/24/2019	GBPJPY				
1/25/2019	GBPJPY	144.1425	144.1425	144.557	143.74
1/28/2019	GBPJPY	144.2605	144.2605	144.678	144.027
1/29/2019	GBPJPY	143.4222	143.5367171	143.936	143.093
1/30/2019	GBPJPY	143.3166667	143.36375	143.505	143.158
1/31/2019	GBPJPY	142.932	142.91775	143.04	142.869
2/1/2019	GBPJPY	143.115125	143.1841053	143.249	142.269
2/4/2019	GBPJPY				
2/5/2019	GBPJPY	142.4381667	142.3301429	142.843	142.028
2/6/2019	GBPJPY	142.013	142.0075455	142.058	141.983
2/7/2019	GBPJPY	141.6321429	141.6549655	142.384	141.4
2/8/2019	GBPJPY	142.023	142.0316471	142.078	141.95
2/11/2019	GBPJPY	142.0536	142.0534444	142.307	141.943
2/12/2019	GBPJPY	142.3293846	142.3176111	142.6	142.02
2/13/2019	GBPJPY	142.8651111	142.8732727	142.91	142.599
2/14/2019	GBPJPY	142.2276	142.2317333	142.45	141.85
2/15/2019	GBPJPY	141.981	141.981	141.981	141.981
2/18/2019	GBPJPY	142.729125	142.7462143	143.016	142.52
2/19/2019	GBPJPY	143.084	143.0603333	143.521	142.5
2/20/2019	GBPJPY	144.5878	144.6837857	144.935	144.257
2/21/2019	GBPJPY	144.4257273	144.4732043	144.77	144.15
2/22/2019	GBPJPY	144.1190526	144.0895164	144.592	143.844
2/25/2019	GBPJPY	144.9453333	144.6991712	145.528	144.608
2/26/2019	GBPJPY	146.516	146.476	146.596	146.356
2/27/2019	GBPJPY	147.519	147.519	147.521	147.517
2/28/2019	GBPJPY	147.662625	147.8201687	147.943	147.42
3/1/2019	GBPJPY	148.0779474	148.1420435	148.249	147.875
3/4/2019	GBPJPY	147.6718889	147.6917647	148.163	147.323
3/5/2019	GBPJPY	147.1692143	147.2397776	147.57	146.858
3/6/2019	GBPJPY	147.1613333	147.2386407	147.363	146.967
3/7/2019	GBPJPY	146.8170909	146.6933707	147.105	146.279
3/8/2019	GBPJPY	144.9775556	144.8178432	145.448	144.464
3/11/2019	GBPJPY	145.4061379	146.0615528	146.332	143.977
3/12/2019	GBPJPY	146.4525185	146.7319506	147.82	144.587
3/13/2019	GBPJPY	146.5035	146.8695658	147.724	145.84
3/14/2019	GBPJPY	147.791	147.7674947	148.07	147.455
3/15/2019	GBPJPY	147.999625	148.0213515	148.342	147.608

3/18/2019	GBPJPY	147.7801818	147.8199705	148.327	147.45
3/19/2019	GBPJPY	147.925	147.9340476	147.94	147.91
3/20/2019	GBPJPY	146.74225	147.0863583	147.34	146.074
3/21/2019	GBPJPY	145.0920714	145.0112492	146.109	144.718
3/22/2019	GBPJPY	145.0781667	145.0775	145.418	144.611
3/25/2019	GBPJPY	145.1693125	145.2311645	145.429	144.92
3/26/2019	GBPJPY	145.8426	145.7466596	146.219	145.347
3/27/2019	GBPJPY	145.8857778	145.7693843	146.379	145.735
3/28/2019	GBPJPY	144.8376667	145.0823672	145.491	144.35
3/29/2019	GBPJPY	144.4994615	144.5481461	145.249	144.095
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1/2/2019	GBPNZD	1.89048	1.89048	1.89254	1.887
1/3/2019	GBPNZD	1.892923333	1.892923333	1.89328	1.89267
1/4/2019	GBPNZD				
1/7/2019	GBPNZD				
1/8/2019	GBPNZD				
1/9/2019	GBPNZD	1.8801	1.8801	1.8801	1.8801
1/10/2019	GBPNZD				
1/11/2019	GBPNZD	1.8679125	1.86849075	1.87372	1.86213
1/14/2019	GBPNZD	1.89052	1.89052	1.89052	1.89052
1/15/2019	GBPNZD	1.878442	1.878181818	1.88067	1.87059
1/16/2019	GBPNZD	1.89598	1.89598	1.89605	1.89591

1/17/2019	GBPNZD	1.916262222	1.916644966	1.92115	1.91494
1/18/2019	GBPNZD	1.918085	1.918085	1.91952	1.91665
1/21/2019	GBPNZD	1.91002	1.91002	1.91034	1.90942
1/22/2019	GBPNZD	1.921557778	1.921349744	1.92361	1.91938
1/23/2019	GBPNZD	1.915986	1.918555921	1.92404	1.91041
1/24/2019	GBPNZD	1.92637	1.92637	1.92665	1.92617
1/25/2019	GBPNZD	1.934167	1.934167	1.94092	1.93004
1/28/2019	GBPNZD	1.9259725	1.9259725	1.9321	1.92337
1/29/2019	GBPNZD	1.9217575	1.921281875	1.92628	1.91353
1/30/2019	GBPNZD	1.913838333	1.910494814	1.91822	1.90323
1/31/2019	GBPNZD	1.899843333	1.899752311	1.90237	1.89779
2/1/2019	GBPNZD				
2/4/2019	GBPNZD				
2/5/2019	GBPNZD				
2/6/2019	GBPNZD	1.87779	1.87779	1.87779	1.87779
2/7/2019	GBPNZD	1.912606154	1.914955639	1.91534	1.91051
2/8/2019	GBPNZD				
2/11/2019	GBPNZD	1.911955556	1.911955556	1.91269	1.91138
2/12/2019	GBPNZD	1.9118875	1.911318808	1.91364	1.90928
2/13/2019	GBPNZD	1.900416364	1.899807037	1.91291	1.89108
2/14/2019	GBPNZD				
2/15/2019	GBPNZD	1.87398	1.87398	1.87398	1.87398
2/18/2019	GBPNZD	1.886422857	1.888096294	1.88813	1.8818
2/19/2019	GBPNZD	1.895695714	1.895858	1.89876	1.89061
2/20/2019	GBPNZD	1.900545	1.900545	1.90262	1.89847
2/21/2019	GBPNZD	1.912055	1.909986871	1.91736	1.90277
2/22/2019	GBPNZD	1.905927778	1.905858772	1.90781	1.90536
2/25/2019	GBPNZD	1.899938571	1.900153934	1.90205	1.89729
2/26/2019	GBPNZD	1.9148225	1.91564913	1.91853	1.90801
2/27/2019	GBPNZD	1.937088182	1.944368724	1.95	1.93219
2/28/2019	GBPNZD	1.94866	1.949227725	1.94923	1.94809
3/1/2019	GBPNZD	1.943185714	1.943835286	1.94447	1.93925
3/4/2019	GBPNZD	1.94006	1.94006	1.94006	1.94006
3/5/2019	GBPNZD	1.933578182	1.93314245	1.93945	1.9313
3/6/2019	GBPNZD	1.9400025	1.937208034	1.945	1.93592
3/7/2019	GBPNZD	1.9369	1.9369	1.9369	1.9369
3/8/2019	GBPNZD	1.9300675	1.928792	1.93707	1.92369
3/11/2019	GBPNZD	1.90537	1.90537	1.90757	1.90317
3/12/2019	GBPNZD	1.903855	1.903855	1.90563	1.90208
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3/14/2019	GBPNZD				
3/15/2019	GBPNZD	1.93486	1.93486	1.94	1.92972
3/18/2019	GBPNZD				
3/19/2019	GBPNZD	1.93244	1.93244	1.934	1.93088
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3/25/2019	GBPNZD				
3/26/2019	GBPNZD				
3/27/2019	GBPNZD	1.94727	1.94727	1.94727	1.94727

3/28/2019	GBPNZD	1.93691	1.93691	1.93691	1.93691
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1/2/2019	GBPUSD	1.267127317	1.264216581	1.27551	1.2586
1/3/2019	GBPUSD	1.258579464	1.260918188	1.26483	1.24732
1/4/2019	GBPUSD	1.266549011	1.266335834	1.27395	1.26225
1/7/2019	GBPUSD	1.275824667	1.276518601	1.27794	1.27313
1/8/2019	GBPUSD	1.27324463	1.274779312	1.27819	1.27084

1/9/2019	GBPUSD	1.27571102	1.276075552	1.27943	1.27205
1/10/2019	GBPUSD	1.275240556	1.275826322	1.27793	1.27335
1/11/2019	GBPUSD	1.276563667	1.280917351	1.28562	1.27188
1/14/2019	GBPUSD	1.286428571	1.287225973	1.2928	1.28227
1/15/2019	GBPUSD	1.280418333	1.282545857	1.29137	1.26839
1/16/2019	GBPUSD	1.285609016	1.285936702	1.28801	1.28345
1/17/2019	GBPUSD	1.291236607	1.294740809	1.30003	1.28373
1/18/2019	GBPUSD	1.292095161	1.295386382	1.29672	1.28619
1/21/2019	GBPUSD	1.2871166	1.286910022	1.29066	1.28343
1/22/2019	GBPUSD	1.291525556	1.291544925	1.29681	1.28605
1/23/2019	GBPUSD	1.3007196	1.29967482	1.30678	1.2944
1/24/2019	GBPUSD	1.305360213	1.303625515	1.30948	1.30167
1/25/2019	GBPUSD	1.311846	1.311410406	1.321	1.30719
1/28/2019	GBPUSD	1.316993448	1.315823767	1.32099	1.31385
1/29/2019	GBPUSD	1.310434943	1.314881943	1.31943	1.30627
1/30/2019	GBPUSD	1.308393243	1.309913338	1.313	1.30573
1/31/2019	GBPUSD	1.312486066	1.312794916	1.31561	1.31002
2/1/2019	GBPUSD	1.308501325	1.306599508	1.31127	1.30448
2/4/2019	GBPUSD	1.306121304	1.306902623	1.31	1.30328
2/5/2019	GBPUSD	1.297959839	1.29754501	1.30495	1.29301
2/6/2019	GBPUSD	1.295191404	1.295593178	1.29745	1.29285
2/7/2019	GBPUSD	1.293171084	1.293088294	1.299	1.286
2/8/2019	GBPUSD	1.294144762	1.29408597	1.29645	1.29233
2/11/2019	GBPUSD	1.289948793	1.289951644	1.29406	1.28449
2/12/2019	GBPUSD	1.286557647	1.286865746	1.2903	1.28371
2/13/2019	GBPUSD	1.289562955	1.289976798	1.29598	1.28485
2/14/2019	GBPUSD	1.282406622	1.282730829	1.28701	1.27823
2/15/2019	GBPUSD	1.282752143	1.282120837	1.28794	1.27978
2/18/2019	GBPUSD	1.291086	1.291326801	1.29265	1.28978
2/19/2019	GBPUSD	1.298344426	1.300243977	1.3073	1.2901
2/20/2019	GBPUSD	1.305831	1.306305287	1.31	1.30282
2/21/2019	GBPUSD	1.306246579	1.307251788	1.309	1.303
2/22/2019	GBPUSD	1.302167742	1.302797317	1.3075	1.29735
2/25/2019	GBPUSD	1.308295517	1.308095083	1.31063	1.30593
2/26/2019	GBPUSD	1.319349464	1.319704062	1.328	1.311
2/27/2019	GBPUSD	1.328852222	1.328701398	1.33341	1.32447
2/28/2019	GBPUSD	1.328878462	1.327472138	1.33128	1.3261
3/1/2019	GBPUSD	1.322576571	1.32207345	1.32647	1.31841
3/4/2019	GBPUSD	1.32147122	1.320971251	1.32557	1.31695
3/5/2019	GBPUSD	1.3142886	1.313109554	1.31947	1.31049
3/6/2019	GBPUSD	1.315283158	1.315826125	1.31816	1.31295
3/7/2019	GBPUSD	1.31181	1.311086367	1.31786	1.30734
3/8/2019	GBPUSD	1.303701139	1.307116084	1.31067	1.2995
3/11/2019	GBPUSD	1.304121084	1.301593689	1.318	1.2965
3/12/2019	GBPUSD	1.311831288	1.312040892	1.3262	1.30067
3/13/2019	GBPUSD	1.320135484	1.318833849	1.33485	1.3095
3/14/2019	GBPUSD	1.325569245	1.326039108	1.33229	1.32146
3/15/2019	GBPUSD	1.325255	1.325921165	1.32863	1.32062
3/18/2019	GBPUSD	1.323820227	1.324082754	1.33	1.31947
3/19/2019	GBPUSD	1.327440313	1.326869705	1.33	1.3242

3/20/2019	GBPUSD	1.320453429	1.320311517	1.32718	1.31482
3/21/2019	GBPUSD	1.312026515	1.309015154	1.3225	1.30115
3/22/2019	GBPUSD	1.314648393	1.316957609	1.322	1.3081
3/25/2019	GBPUSD	1.320072212	1.319202357	1.324	1.31666
3/26/2019	GBPUSD	1.320788943	1.322088266	1.3258	1.3159
3/27/2019	GBPUSD	1.321093182	1.321136121	1.32668	1.31584
3/28/2019	GBPUSD	1.31265	1.317107622	1.31977	1.304
3/29/2019	GBPUSD	1.303677681	1.305830045	1.3125	1.2988
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1/1/2019	GOLD				
1/2/2019	GOLD	1284.076	1283.290717	1288.14	1280.8
1/3/2019	GOLD				
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1/8/2019	GOLD				
1/9/2019	GOLD				
1/10/2019	GOLD	1286.82	1286.82	1286.82	1286.82
1/11/2019	GOLD	1291.4	1291.4	1291.4	1291.4
1/14/2019	GOLD				
1/15/2019	GOLD				
1/16/2019	GOLD				
1/17/2019	GOLD				
1/18/2019	GOLD	1285.26	1285.26	1285.26	1285.26
1/21/2019	GOLD	1278.17625	1278.0584	1279.58	1277
1/22/2019	GOLD	1282.22	1281.673333	1283.28	1278
1/23/2019	GOLD	1280.58	1280.58	1280.58	1280.58
1/24/2019	GOLD				
1/25/2019	GOLD				
1/28/2019	GOLD				
1/29/2019	GOLD	1310.43	1310.43	1310.43	1310.43
1/30/2019	GOLD	1317.975	1317.975	1318.38	1317.57
1/31/2019	GOLD	1323.5875	1323.5875	1325.78	1321.3
2/1/2019	GOLD	1320.21	1319.405	1321.82	1316.99
2/4/2019	GOLD	1315.76	1315.76	1315.76	1315.76
2/5/2019	GOLD				
2/6/2019	GOLD	1315.6	1315.6	1315.6	1315.6
2/7/2019	GOLD	1309.845	1309.845	1310.94	1308.62

2/8/2019	GOLD				
2/11/2019	GOLD	1309.65	1309.65	1309.65	1309.65
2/12/2019	GOLD				
2/13/2019	GOLD				
2/14/2019	GOLD	1305.653333	1305.653333	1311.32	1302.82
2/15/2019	GOLD	1320.86	1320.86	1320.86	1320.86
2/18/2019	GOLD	1325.093333	1324.75	1327.01	1323.72
2/19/2019	GOLD	1333.65	1334.033333	1341.18	1328.99
2/20/2019	GOLD	1345.51	1345.981628	1346.03	1344.99
2/21/2019	GOLD	1335.1	1335.1	1335.1	1335.1
2/22/2019	GOLD	1329.75	1329.266667	1331.79	1327.15
2/25/2019	GOLD	1329.19	1329.19	1329.19	1329.19
2/26/2019	GOLD	1324	1324	1324	1324
2/27/2019	GOLD	1322.1475	1321.918	1326.3	1320.29
2/28/2019	GOLD				
3/1/2019	GOLD	1290.79	1290.79	1290.79	1290.79
3/4/2019	GOLD	1286.615	1286.615	1287.37	1285.86
3/5/2019	GOLD	1285.312	1285.036667	1287.79	1282.2
3/6/2019	GOLD				
3/7/2019	GOLD	1285.2	1285.998966	1286.63	1281.94
3/8/2019	GOLD	1297.6	1295.377692	1298.97	1292.87
3/11/2019	GOLD	1293.382857	1294.07	1297.5	1291.21
3/12/2019	GOLD	1299.247778	1298.647	1301.48	1293.24
3/13/2019	GOLD	1307.2725	1305.331176	1310.81	1303.74
3/14/2019	GOLD	1298.189545	1298.050316	1308.12	1295.09
3/15/2019	GOLD	1301.2125	1300.670833	1306.07	1295
3/18/2019	GOLD	1303.067	1303.1396	1305.4	1298.92
3/19/2019	GOLD	1306.4725	1307.221064	1310.06	1304.02
3/20/2019	GOLD	1312.865	1313.491321	1315.33	1311.96
3/21/2019	GOLD	1314.263684	1315.881163	1318.62	1303.53
3/22/2019	GOLD	1312.03	1312.03	1312.03	1312.03
3/25/2019	GOLD	1320.756667	1321.373333	1321.99	1319.19
3/26/2019	GOLD	1316.665	1316.665	1316.83	1316.5
3/27/2019	GOLD	1311.394	1312.141646	1317.83	1308.92
3/28/2019	GOLD	1301.85875	1308.869054	1311.15	1289.22
3/29/2019	GOLD	1289.196	1289.196	1293.01	1287.33
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2/4/2019	NZDCAD	0.9032875	0.903267143	0.90372	0.9023
2/5/2019	NZDCAD	0.90488625	0.9048828	0.90534	0.90459
2/6/2019	NZDCAD				
2/7/2019	NZDCAD				
2/8/2019	NZDCAD				
2/11/2019	NZDCAD	0.89494	0.89494	0.89494	0.89494
2/12/2019	NZDCAD	0.8924875	0.8924875	0.89339	0.89195
2/13/2019	NZDCAD	0.901788	0.901571111	0.90374	0.90081
2/14/2019	NZDCAD	0.904284	0.9042825	0.9053	0.90333
2/15/2019	NZDCAD				
2/18/2019	NZDCAD	0.90632	0.90632	0.90632	0.90632
2/19/2019	NZDCAD	0.90576	0.90576	0.90576	0.90576
2/20/2019	NZDCAD	0.9048175	0.904695943	0.90603	0.90382
2/21/2019	NZDCAD	0.900725	0.900877308	0.90089	0.90056
2/22/2019	NZDCAD	0.90178	0.90178	0.90286	0.90038
2/25/2019	NZDCAD				
2/26/2019	NZDCAD	0.907256667	0.907237234	0.90733	0.90719
2/27/2019	NZDCAD	0.900396667	0.900806809	0.90087	0.89946
2/28/2019	NZDCAD	0.89646	0.89646	0.8974	0.89554
3/1/2019	NZDCAD				
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3/5/2019	NZDCAD				
3/6/2019	NZDCAD				
3/7/2019	NZDCAD	0.9101525	0.910153333	0.91017	0.91014
3/8/2019	NZDCAD	0.910668333	0.910889048	0.9115	0.90865
3/11/2019	NZDCAD				
3/12/2019	NZDCAD	0.917275	0.917275	0.91763	0.91692
3/13/2019	NZDCAD	0.9111025	0.910875366	0.91154	0.91079
3/14/2019	NZDCAD	0.90958	0.909580732	0.90959	0.90957
3/15/2019	NZDCAD	0.91548	0.91548	0.91548	0.91548
3/18/2019	NZDCAD				
3/19/2019	NZDCAD				
3/20/2019	NZDCAD	0.91494	0.91494	0.91494	0.91494
3/21/2019	NZDCAD	0.919334286	0.9191347	0.92041	0.91802

3/22/2019	NZDCAD				
3/25/2019	NZDCAD	0.92569	0.926537929	0.92714	0.92269
3/26/2019	NZDCAD	0.925418	0.925409322	0.92552	0.92525
3/27/2019	NZDCAD	0.912057778	0.911347333	0.9172	0.91078
3/28/2019	NZDCAD				
3/29/2019	NZDCAD	0.91069	0.91069	0.91079	0.91059
1/1/2019	NZDCHF				
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1/10/2019	NZDCHF				
1/11/2019	NZDCHF	0.672624	0.67264936	0.67268	0.67248
1/14/2019	NZDCHF	0.669576	0.66962867	0.66967	0.66951
1/15/2019	NZDCHF	0.672139	0.67114266	0.67318	0.67111
1/16/2019	NZDCHF				
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2/8/2019	NZDCHF				
2/11/2019	NZDCHF	0.67695	0.67695	0.67695	0.67695
2/12/2019	NZDCHF	0.67886	0.67886	0.67886	0.67886
2/13/2019	NZDCHF				
2/14/2019	NZDCHF	0.6872	0.6872	0.6872	0.6872
2/15/2019	NZDCHF	0.68764	0.68764	0.68764	0.68764
2/18/2019	NZDCHF				
2/19/2019	NZDCHF				
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2/27/2019	NZDCHF	0.685505	0.685505	0.68581	0.6852
2/28/2019	NZDCHF	0.6786	0.6786	0.6786	0.6786
3/1/2019	NZDCHF	0.6821	0.6821	0.6821	0.6821

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3/8/2019	NZDCHF				
3/11/2019	NZDCHF	0.68902	0.687613095	0.69129	0.68593
3/12/2019	NZDCHF	0.69059	0.69059	0.69116	0.69002
3/13/2019	NZDCHF	0.68784	0.687505714	0.68845	0.68748
3/14/2019	NZDCHF	0.6869	0.6869	0.6869	0.6869
3/15/2019	NZDCHF				
3/18/2019	NZDCHF	0.686385	0.686376569	0.68703	0.68572
3/19/2019	NZDCHF				
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3/21/2019	NZDCHF	0.68598	0.68598	0.68598	0.68598
3/22/2019	NZDCHF	0.68353	0.68353	0.68391	0.68315
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3/27/2019	NZDCHF	0.67855	0.679971287	0.68	0.6771
3/28/2019	NZDCHF	0.67425	0.67425	0.67425	0.67425
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3/27/2019	NZDHUF				
3/28/2019	NZDHUF				
3/29/2019	NZDHUF				
1/1/2019	NZDJPY				
1/2/2019	NZDJPY	72.8696	72.89077778	73.305	72.678
1/3/2019	NZDJPY	71.562	71.562	71.562	71.562
1/4/2019	NZDJPY				
1/7/2019	NZDJPY				
1/8/2019	NZDJPY				
1/9/2019	NZDJPY	73.594	73.594	73.594	73.594
1/10/2019	NZDJPY	73.5315	73.5315	73.537	73.526
1/11/2019	NZDJPY				
1/14/2019	NZDJPY				
1/15/2019	NZDJPY				
1/16/2019	NZDJPY				
1/17/2019	NZDJPY				
1/18/2019	NZDJPY				
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1/22/2019	NZDJPY				
1/23/2019	NZDJPY				
1/24/2019	NZDJPY				
1/25/2019	NZDJPY	75.02366667	75.0909801	75.172	74.887
1/28/2019	NZDJPY	74.81214286	74.78273542	74.989	74.652
1/29/2019	NZDJPY				
1/30/2019	NZDJPY				
1/31/2019	NZDJPY	75.116	75.14033333	75.233	75.027
2/1/2019	NZDJPY				

2/4/2019	NZDJPY	75.5835	75.5835	75.584	75.583
2/5/2019	NZDJPY	75.726	75.74594012	75.746	75.703
2/6/2019	NZDJPY	75.51433333	75.51433333	75.773	75.221
2/7/2019	NZDJPY	74.2195	74.28384615	74.339	74.1
2/8/2019	NZDJPY	74.08066667	74.08066667	74.171	74.013
2/11/2019	NZDJPY	74.33966667	74.359	74.443	74.214
2/12/2019	NZDJPY	74.412	74.412	74.412	74.412
2/13/2019	NZDJPY	75.416	75.416	75.416	75.416
2/14/2019	NZDJPY	75.616	75.616	75.616	75.616
2/15/2019	NZDJPY				
2/18/2019	NZDJPY				
2/19/2019	NZDJPY				
2/20/2019	NZDJPY				
2/21/2019	NZDJPY				
2/22/2019	NZDJPY				
2/25/2019	NZDJPY	76.23433333	76.29536364	76.305	76.162
2/26/2019	NZDJPY	76.191	76.191	76.191	76.191
2/27/2019	NZDJPY	75.946	75.9256	75.98	75.912
2/28/2019	NZDJPY	75.923	75.923	75.923	75.923
3/1/2019	NZDJPY	76.107	76.107	76.107	76.107
3/4/2019	NZDJPY				
3/5/2019	NZDJPY	76.157	76.157	76.157	76.157
3/6/2019	NZDJPY	75.798	75.798	75.798	75.798
3/7/2019	NZDJPY	75.5935	75.43414706	75.787	75.4
3/8/2019	NZDJPY				
3/11/2019	NZDJPY	75.93066667	75.91022727	75.97	75.907
3/12/2019	NZDJPY	76.206	76.206	76.206	76.206
3/13/2019	NZDJPY				
3/14/2019	NZDJPY				
3/15/2019	NZDJPY				
3/18/2019	NZDJPY	76.37733333	76.4469654	76.514	76.238
3/19/2019	NZDJPY	76.32125	76.30452174	76.374	76.261
3/20/2019	NZDJPY	76.216	76.18836047	76.289	76.178
3/21/2019	NZDJPY	76.23365	76.23949624	76.71	76.063
3/22/2019	NZDJPY				
3/25/2019	NZDJPY	75.67333333	75.64777778	75.807	75.635
3/26/2019	NZDJPY	76.2898	76.30321429	76.457	76.06
3/27/2019	NZDJPY	75.2505	75.31155556	75.329	75.172
3/28/2019	NZDJPY				
3/29/2019	NZDJPY	75.37	75.37	75.37	75.37
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3/27/2019	NZDSGD				
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1/1/2019	NZDUSD				
1/2/2019	NZDUSD	0.669946667	0.670817778	0.67166	0.66808
1/3/2019	NZDUSD	0.6701	0.6701	0.6721	0.6681
1/4/2019	NZDUSD	0.67211	0.67211	0.67211	0.67211
1/7/2019	NZDUSD	0.67564	0.67541198	0.67616	0.67465
1/8/2019	NZDUSD	0.672283636	0.672553636	0.6741	0.67122
1/9/2019	NZDUSD	0.677401429	0.67711375	0.67993	0.675
1/10/2019	NZDUSD				
1/11/2019	NZDUSD	0.68374	0.68374	0.68374	0.68374
1/14/2019	NZDUSD	0.6803325	0.680212	0.68214	0.67973
1/15/2019	NZDUSD	0.681602	0.681602	0.68294	0.68046
1/16/2019	NZDUSD	0.67616	0.67616	0.67616	0.67616
1/17/2019	NZDUSD				
1/18/2019	NZDUSD	0.67599	0.67599	0.67599	0.67599
1/21/2019	NZDUSD	0.67216	0.67216	0.67216	0.67216
1/22/2019	NZDUSD	0.6723875	0.672312857	0.67308	0.67137
1/23/2019	NZDUSD	0.6785	0.6785	0.6785	0.6785
1/24/2019	NZDUSD	0.677005	0.677483571	0.67846	0.6761
1/25/2019	NZDUSD	0.681147143	0.680002683	0.68354	0.6767
1/28/2019	NZDUSD	0.683628125	0.68348619	0.68608	0.68248
1/29/2019	NZDUSD	0.684436667	0.682915938	0.68605	0.68239
1/30/2019	NZDUSD	0.688106667	0.683007632	0.69074	0.68248
1/31/2019	NZDUSD	0.69174	0.691592	0.69268	0.69136
2/1/2019	NZDUSD	0.690583333	0.690583333	0.69146	0.68997
2/4/2019	NZDUSD	0.688075	0.68794	0.68824	0.68791
2/5/2019	NZDUSD	0.688872	0.687946786	0.68981	0.6874
2/6/2019	NZDUSD	0.68355381	0.684654353	0.68788	0.67699
2/7/2019	NZDUSD	0.675511765	0.675576929	0.67652	0.67457
2/8/2019	NZDUSD	0.67483625	0.674858305	0.67543	0.67366
2/11/2019	NZDUSD	0.675105556	0.675016154	0.67587	0.67329
2/12/2019	NZDUSD	0.67365	0.67365	0.67365	0.67365
2/13/2019	NZDUSD	0.67838625	0.678682941	0.68025	0.67747
2/14/2019	NZDUSD	0.683220769	0.683838876	0.685	0.67959
2/15/2019	NZDUSD	0.6857	0.6857	0.6857	0.6857
2/18/2019	NZDUSD	0.68763	0.68763	0.68763	0.68763
2/19/2019	NZDUSD	0.6843225	0.6843225	0.6853	0.68192
2/20/2019	NZDUSD	0.68691	0.687113077	0.68737	0.68642
2/21/2019	NZDUSD	0.681106667	0.680795895	0.68253	0.68042
2/22/2019	NZDUSD	0.680706	0.682346168	0.68324	0.67773
2/25/2019	NZDUSD	0.687918	0.687404603	0.68934	0.687

2/26/2019	NZDUSD	0.687851429	0.688630153	0.68968	0.6871
2/27/2019	NZDUSD	0.686108333	0.686828563	0.68751	0.68337
2/28/2019	NZDUSD	0.68331	0.68331	0.68496	0.6804
3/1/2019	NZDUSD	0.68187	0.681642222	0.68272	0.68132
3/4/2019	NZDUSD	0.681742	0.681598	0.68261	0.67943
3/5/2019	NZDUSD	0.679227143	0.679079335	0.6807	0.67823
3/6/2019	NZDUSD	0.677641667	0.676972852	0.67934	0.67634
3/7/2019	NZDUSD	0.6774675	0.67753533	0.67866	0.6765
3/8/2019	NZDUSD	0.677581667	0.678141553	0.67989	0.67543
3/11/2019	NZDUSD	0.681832	0.681832	0.68293	0.68067
3/12/2019	NZDUSD	0.685083333	0.685083333	0.68531	0.68463
3/13/2019	NZDUSD	0.684169375	0.684486069	0.686	0.68286
3/14/2019	NZDUSD	0.68261	0.68261	0.6833	0.68192
3/15/2019	NZDUSD	0.68517	0.685085625	0.68567	0.68396
3/18/2019	NZDUSD	0.685152	0.68468002	0.68623	0.68461
3/19/2019	NZDUSD	0.685723077	0.685091747	0.68741	0.684
3/20/2019	NZDUSD	0.686145455	0.687687168	0.68853	0.68294
3/21/2019	NZDUSD	0.6896625	0.689835661	0.69291	0.68659
3/22/2019	NZDUSD				
3/25/2019	NZDUSD	0.689406667	0.690385111	0.6912	0.68775
3/26/2019	NZDUSD	0.6906525	0.690350357	0.69101	0.6903
3/27/2019	NZDUSD	0.68045	0.681406	0.68209	0.67946
3/28/2019	NZDUSD	0.680128	0.681358195	0.6823	0.67761
3/29/2019	NZDUSD	0.68176	0.68176	0.68176	0.68176
1/1/2019	NZDZAR				
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3/28/2019	SGDJPY				
3/29/2019	SGDJPY				
1/1/2019	SILVER				
1/2/2019	SILVER	15.465	15.465	15.465	15.465
1/3/2019	SILVER				
1/4/2019	SILVER	15.7	15.7	15.745	15.655
1/7/2019	SILVER				
1/8/2019	SILVER				
1/9/2019	SILVER	15.71	15.71	15.71	15.71
1/10/2019	SILVER	15.55	15.55	15.55	15.55
1/11/2019	SILVER				
1/14/2019	SILVER				
1/15/2019	SILVER				
1/16/2019	SILVER				
1/17/2019	SILVER				
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1/29/2019	SILVER				
1/30/2019	SILVER				
1/31/2019	SILVER				
2/1/2019	SILVER				
2/4/2019	SILVER	15.815	15.815	15.815	15.815
2/5/2019	SILVER	15.83	15.83	15.83	15.83
2/6/2019	SILVER				
2/7/2019	SILVER				
2/8/2019	SILVER				
2/11/2019	SILVER				
2/12/2019	SILVER				
2/13/2019	SILVER				
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2/21/2019	SILVER				
2/22/2019	SILVER				
2/25/2019	SILVER				
2/26/2019	SILVER				
2/27/2019	SILVER	16.72	16.72	16.72	16.72
2/28/2019	SILVER				
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3/4/2019	SILVER				
3/5/2019	SILVER				
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3/22/2019	SILVER				
3/25/2019	SILVER				
3/26/2019	SILVER				
3/27/2019	SILVER				
3/28/2019	SILVER	15.025	15.025	15.025	15.025
3/29/2019	SILVER	15.075	15.075	15.075	15.075
1/1/2019	USDCAD				
1/2/2019	USDCAD	1.360725	1.359333097	1.36573	1.35829
1/3/2019	USDCAD	1.355795385	1.353647087	1.36501	1.34798
1/4/2019	USDCAD	1.341685227	1.343225161	1.34929	1.3383
1/7/2019	USDCAD	1.333564074	1.33495449	1.33787	1.32864
1/8/2019	USDCAD	1.328997	1.328539497	1.33176	1.32701
1/9/2019	USDCAD	1.324114138	1.324061539	1.32767	1.32088
1/10/2019	USDCAD	1.323303	1.323601649	1.32435	1.32213
1/11/2019	USDCAD	1.3246425	1.325240942	1.32715	1.3184
1/14/2019	USDCAD	1.32768125	1.327684375	1.32947	1.32541
1/15/2019	USDCAD	1.327146923	1.3263922	1.32833	1.32358
1/16/2019	USDCAD	1.326239	1.325674636	1.32774	1.32344
1/17/2019	USDCAD	1.3283	1.328578684	1.33049	1.32623
1/18/2019	USDCAD	1.326475714	1.327291509	1.32803	1.32513
1/21/2019	USDCAD	1.32841125	1.328624886	1.33024	1.32605
1/22/2019	USDCAD	1.333206	1.334596311	1.33515	1.33047
1/23/2019	USDCAD	1.334118	1.335632613	1.33678	1.33199
1/24/2019	USDCAD	1.33485	1.334990087	1.3362	1.33359
1/25/2019	USDCAD	1.328082917	1.32893545	1.33228	1.3225
1/28/2019	USDCAD	1.324496667	1.324959972	1.32811	1.32152

1/29/2019	USDCAD	1.32558	1.3252975	1.32775	1.32445
1/30/2019	USDCAD	1.3204855	1.323097489	1.32625	1.31268
1/31/2019	USDCAD	1.31395	1.314227447	1.31443	1.31287
2/1/2019	USDCAD	1.311901667	1.312129183	1.31469	1.30885
2/4/2019	USDCAD	1.312272222	1.312923604	1.3143	1.30999
2/5/2019	USDCAD	1.312698571	1.312860168	1.31495	1.31039
2/6/2019	USDCAD	1.3179525	1.318509216	1.3204	1.31544
2/7/2019	USDCAD	1.32741	1.328471599	1.33141	1.32321
2/8/2019	USDCAD	1.33095	1.33095	1.3311	1.3308
2/11/2019	USDCAD	1.328285	1.328285	1.329	1.32757
2/12/2019	USDCAD	1.325665	1.32546	1.32632	1.32397
2/13/2019	USDCAD	1.323506	1.324029579	1.32545	1.32084
2/14/2019	USDCAD	1.328597692	1.327914504	1.3318	1.3234
2/15/2019	USDCAD	1.325942667	1.327701139	1.32928	1.32547
2/18/2019	USDCAD	1.323745	1.32381985	1.32382	1.32367
2/19/2019	USDCAD	1.324944444	1.326567609	1.32753	1.32114
2/20/2019	USDCAD	1.31689	1.31689	1.31689	1.31689
2/21/2019	USDCAD	1.320382727	1.320105483	1.32283	1.31766
2/22/2019	USDCAD	1.3215725	1.3215725	1.32367	1.31956
2/25/2019	USDCAD	1.315675833	1.318439791	1.31937	1.31283
2/26/2019	USDCAD	1.31829	1.318537857	1.32088	1.31751
2/27/2019	USDCAD				
2/28/2019	USDCAD	1.31664625	1.316006485	1.31857	1.31499
3/1/2019	USDCAD	1.321467692	1.326283912	1.32985	1.31391
3/4/2019	USDCAD	1.331291667	1.330787857	1.33359	1.32924
3/5/2019	USDCAD	1.334272857	1.33449717	1.33468	1.33399
3/6/2019	USDCAD	1.341233333	1.341972606	1.34306	1.33762
3/7/2019	USDCAD	1.342977143	1.342879853	1.34408	1.34191
3/8/2019	USDCAD	1.342656154	1.342452039	1.34589	1.34016
3/11/2019	USDCAD	1.341625625	1.341922115	1.34268	1.34069
3/12/2019	USDCAD	1.338344231	1.337842666	1.34097	1.33499
3/13/2019	USDCAD	1.332044231	1.332583212	1.33667	1.32932
3/14/2019	USDCAD	1.3322575	1.332735537	1.33406	1.33125
3/15/2019	USDCAD	1.333749412	1.333955622	1.33726	1.32944
3/18/2019	USDCAD	1.332831	1.332882098	1.33442	1.33122
3/19/2019	USDCAD	1.32734125	1.327583075	1.33195	1.32557
3/20/2019	USDCAD	1.331923529	1.333229479	1.3339	1.32623
3/21/2019	USDCAD	1.333768333	1.334299386	1.33807	1.32916
3/22/2019	USDCAD	1.34051125	1.340519688	1.34183	1.33862
3/25/2019	USDCAD	1.341185833	1.341690158	1.34295	1.33988
3/26/2019	USDCAD	1.3391525	1.339591429	1.34026	1.33768
3/27/2019	USDCAD	1.340355833	1.339919641	1.34271	1.33833
3/28/2019	USDCAD	1.342837273	1.342301919	1.34422	1.34124
3/29/2019	USDCAD	1.337594286	1.338190399	1.34301	1.33456
1/1/2019	USDCHF				
1/2/2019	USDCHF	0.988819167	0.989687974	0.99151	0.98126
1/3/2019	USDCHF	0.989061364	0.988685618	0.99091	0.98512
1/4/2019	USDCHF	0.9879276	0.988240852	0.99056	0.98586
1/7/2019	USDCHF	0.982982143	0.983668039	0.98714	0.97962
1/8/2019	USDCHF	0.9809552	0.980207733	0.98356	0.97936

1/9/2019	USDCHF	0.97677	0.976181765	0.98157	0.97396
1/10/2019	USDCHF	0.979953333	0.981076919	0.98408	0.97363
1/11/2019	USDCHF	0.98339	0.98339	0.98339	0.98339
1/14/2019	USDCHF	0.982076667	0.982619401	0.98477	0.98049
1/15/2019	USDCHF	0.986738889	0.986951385	0.98897	0.98368
1/16/2019	USDCHF	0.989108182	0.989801762	0.99036	0.98801
1/17/2019	USDCHF	0.993493333	0.9940424	0.99466	0.99182
1/18/2019	USDCHF	0.99526	0.99526	0.99526	0.99526
1/21/2019	USDCHF	0.997412	0.998274589	0.9986	0.99552
1/22/2019	USDCHF	0.997508333	0.997263942	0.99865	0.99642
1/23/2019	USDCHF	0.995545	0.995158544	0.99734	0.99435
1/24/2019	USDCHF	0.9957575	0.995493224	0.99736	0.99389
1/25/2019	USDCHF	0.99464	0.994965714	0.99682	0.99287
1/28/2019	USDCHF	0.991911333	0.991703913	0.99325	0.99088
1/29/2019	USDCHF	0.993850556	0.994033279	0.9958	0.99161
1/30/2019	USDCHF	0.995026154	0.995663825	0.99899	0.99396
1/31/2019	USDCHF	0.993243077	0.993132511	0.99414	0.9911
2/1/2019	USDCHF	0.993823333	0.993411263	0.99445	0.99294
2/4/2019	USDCHF	0.997495	0.997887925	0.9984	0.9965
2/5/2019	USDCHF	0.998595	0.997959278	1.00029	0.9977
2/6/2019	USDCHF	1.00081	1.000112899	1.00256	0.99965
2/7/2019	USDCHF	1.0016825	1.001759091	1.00221	1.001
2/8/2019	USDCHF	1.000364545	1.000509149	1.00157	0.99969
2/11/2019	USDCHF	1.002809231	1.002084528	1.00831	0.99922
2/12/2019	USDCHF	1.005843333	1.005966294	1.00729	1.00409
2/13/2019	USDCHF	1.006940385	1.008136481	1.00946	1.0049
2/14/2019	USDCHF	1.007303	1.008974151	1.00953	1.00519
2/15/2019	USDCHF	1.005681429	1.005681429	1.00673	1.00486
2/18/2019	USDCHF	1.003602727	1.003751536	1.00516	1.00246
2/19/2019	USDCHF	1.003284615	1.002244648	1.00585	1.00134
2/20/2019	USDCHF	1.000081364	1.000505017	1.00188	0.99857
2/21/2019	USDCHF	1.000829091	1.000652277	1.00177	0.99985
2/22/2019	USDCHF	0.999955	0.999721399	1.00036	0.99904
2/25/2019	USDCHF	0.999560455	0.99963253	1.00094	0.99866
2/26/2019	USDCHF	1.0005375	1.000677655	1.00102	1.00029
2/27/2019	USDCHF	0.998623636	0.999108843	1.0015	0.99684
2/28/2019	USDCHF	0.995013571	0.995995571	0.99815	0.99285
3/1/2019	USDCHF	0.998183333	0.998109562	0.99855	0.99793
3/4/2019	USDCHF	1.00063	1.000375455	1.0018	0.99985
3/5/2019	USDCHF	1.00441	1.00436871	1.00464	1.00402
3/6/2019	USDCHF	1.004544286	1.004315483	1.00503	1.00343
3/7/2019	USDCHF	1.006930769	1.007880827	1.01136	1.00387
3/8/2019	USDCHF	1.009098182	1.009707143	1.01173	1.00733
3/11/2019	USDCHF	1.009515625	1.009059301	1.0113	1.00714
3/12/2019	USDCHF	1.007903	1.007455005	1.01091	1.00623
3/13/2019	USDCHF	1.006096875	1.005301646	1.00791	1.00347
3/14/2019	USDCHF	1.0045	1.004344615	1.00509	1.00419
3/15/2019	USDCHF	1.003056667	1.003696182	1.00439	1.00204
3/18/2019	USDCHF	1.0017875	1.001843827	1.00261	1.00148
3/19/2019	USDCHF	0.999675	0.999725379	1.00044	0.99859

3/20/2019	USDCHF	0.997415294	0.993760039	1.00078	0.99164
3/21/2019	USDCHF	0.9927525	0.992866859	0.99418	0.9912
3/22/2019	USDCHF	0.993697	0.994149326	0.99611	0.99178
3/25/2019	USDCHF	0.99359	0.994684199	0.99473	0.99245
3/26/2019	USDCHF	0.99308	0.99350805	0.99479	0.99231
3/27/2019	USDCHF	0.994327778	0.994904108	0.99643	0.99134
3/28/2019	USDCHF	0.995553	0.995964928	0.99625	0.99448
3/29/2019	USDCHF	0.99596375	0.995916667	0.9962	0.99525
1/1/2019	USDCZK				
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2/14/2019	USDDKK				
2/15/2019	USDDKK				
2/18/2019	USDDKK	6.60155	6.60155	6.61	6.5931
2/19/2019	USDDKK				
2/20/2019	USDDKK				
2/21/2019	USDDKK				
2/22/2019	USDDKK				
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1/3/2019	USDJPY	108.0316667	107.7778879	108.907	106.623
1/4/2019	USDJPY	108.2307568	108.3520347	108.611	107.53
1/7/2019	USDJPY	108.39945	108.3782665	108.716	108.142
1/8/2019	USDJPY	108.7660286	108.7998826	108.965	108.465
1/9/2019	USDJPY	108.420931	108.503288	108.955	108.014
1/10/2019	USDJPY	108.1019333	108.2120667	108.444	107.815
1/11/2019	USDJPY	108.4618182	108.3941424	108.545	108.276
1/14/2019	USDJPY	108.1508	108.1621429	108.251	108.098
1/15/2019	USDJPY	108.585375	108.6150816	108.695	108.454
1/16/2019	USDJPY	109.0751333	109.0873048	109.176	108.768
1/17/2019	USDJPY	108.9889231	108.9175439	109.22	108.725
1/18/2019	USDJPY	109.5358571	109.5718634	109.784	109.057
1/21/2019	USDJPY	109.655	109.6670667	109.672	109.614
1/22/2019	USDJPY	109.2878571	109.3459677	109.455	109.195
1/23/2019	USDJPY	109.689	109.689	109.73	109.618
1/24/2019	USDJPY	109.661875	109.6701	109.744	109.594
1/25/2019	USDJPY	109.7756364	109.790125	109.939	109.477
1/28/2019	USDJPY	109.3714286	109.422835	109.535	109.274
1/29/2019	USDJPY	109.3838182	109.3765098	109.496	109.277
1/30/2019	USDJPY	109.1910303	109.3284726	109.584	108.916
1/31/2019	USDJPY	108.7366087	108.6376123	108.903	108.56
2/1/2019	USDJPY	109.180125	109.3423317	109.546	108.809
2/4/2019	USDJPY	109.779	109.740147	109.872	109.499
2/5/2019	USDJPY	109.922	109.922	109.972	109.819
2/6/2019	USDJPY	109.7798333	109.8101511	110.05	109.621
2/7/2019	USDJPY	109.8422143	109.85605	110.072	109.646
2/8/2019	USDJPY	109.7948421	109.8007766	109.903	109.702
2/11/2019	USDJPY	110.2455625	110.2559584	110.451	109.826
2/12/2019	USDJPY	110.5493333	110.528098	110.67	110.481
2/13/2019	USDJPY	110.7255	110.5618733	110.987	110.546
2/14/2019	USDJPY	110.7851053	110.9315554	111.042	110.487
2/15/2019	USDJPY	110.44425	110.4402304	110.561	110.298
2/18/2019	USDJPY	110.5821667	110.5982189	110.616	110.52
2/19/2019	USDJPY	110.627375	110.6548447	110.767	110.526

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2/22/2019	USDJPY	110.7566	110.6876194	110.866	110.555
2/25/2019	USDJPY	110.9315455	110.7197475	111.202	110.617
2/26/2019	USDJPY	110.664	110.589242	110.93	110.484
2/27/2019	USDJPY	110.8182222	110.7467129	110.974	110.675
2/28/2019	USDJPY	111.0260833	111.189824	111.439	110.781
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3/5/2019	USDJPY	111.9161	111.8921284	111.995	111.855
3/6/2019	USDJPY	111.754	111.7567289	111.908	111.664
3/7/2019	USDJPY	111.6522222	111.6207714	111.763	111.547
3/8/2019	USDJPY	111.1449167	111.0611606	111.395	111.014
3/11/2019	USDJPY	111.1627	111.1786061	111.3	110.964
3/12/2019	USDJPY	111.2926667	111.3192748	111.373	111.146
3/13/2019	USDJPY	111.2211765	111.3959688	111.475	111.089
3/14/2019	USDJPY	111.6444815	111.6068995	111.837	111.549
3/15/2019	USDJPY	111.6146471	111.7328926	111.86	111.416
3/18/2019	USDJPY	111.50905	111.5366101	111.654	111.344
3/19/2019	USDJPY	111.306	111.2936007	111.486	111.193
3/20/2019	USDJPY	110.92525	110.8690752	111.554	110.711
3/21/2019	USDJPY	110.54825	110.6625714	110.815	110.4
3/22/2019	USDJPY	110.2758438	110.7732187	110.837	109.779
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3/26/2019	USDJPY	110.4254211	110.4372962	110.62	110.139
3/27/2019	USDJPY	110.4691667	110.4393595	110.669	110.395
3/28/2019	USDJPY	110.6037143	110.7123208	110.77	110.29
3/29/2019	USDJPY	110.8045	110.7321754	110.874	110.72
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1/16/2019	USDNOK	8.5399	8.5399	8.5482	8.5316
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1/22/2019	USDNOK	8.5951	8.5951	8.5951	8.5951
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2/18/2019	USDNOK	8.6019	8.6019	8.6019	8.6019
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2/11/2019	USDSEK				
2/12/2019	USDSEK	9.2817	9.2817	9.2979	9.2655
2/13/2019	USDSEK				
2/14/2019	USDSEK	9.2893	9.2893	9.2893	9.2893
2/15/2019	USDSEK				
2/18/2019	USDSEK	9.25045	9.24815	9.2539	9.247
2/19/2019	USDSEK	9.3421	9.319836364	9.3996	9.2858
2/20/2019	USDSEK				
2/21/2019	USDSEK	9.3487	9.3487	9.3487	9.3487
2/22/2019	USDSEK				
2/25/2019	USDSEK	9.314333333	9.316057143	9.3264	9.3083
2/26/2019	USDSEK	9.2972	9.299357143	9.3123	9.2794
2/27/2019	USDSEK	9.25065	9.25065	9.2534	9.2479
2/28/2019	USDSEK	9.228025	9.249438664	9.2649	9.19
3/1/2019	USDSEK	9.2717	9.2717	9.2717	9.2717
3/4/2019	USDSEK	9.3079	9.3079	9.3079	9.3079
3/5/2019	USDSEK				
3/6/2019	USDSEK	9.3148	9.3148	9.3289	9.2994
3/7/2019	USDSEK	9.4382	9.428166667	9.4683	9.4081
3/8/2019	USDSEK				
3/11/2019	USDSEK				
3/12/2019	USDSEK				
3/13/2019	USDSEK	9.2939	9.2939	9.2939	9.2939
3/14/2019	USDSEK	9.314266667	9.314266667	9.3268	9.308
3/15/2019	USDSEK	9.26775	9.26775	9.2687	9.2668
3/18/2019	USDSEK	9.2248	9.2248	9.2442	9.2117
3/19/2019	USDSEK	9.2079	9.2079	9.2079	9.2079
3/20/2019	USDSEK	9.1212	9.1212	9.1212	9.1212
3/21/2019	USDSEK	9.1893	9.1893	9.1893	9.1893
3/22/2019	USDSEK	9.247725	9.239416667	9.2727	9.1731
3/25/2019	USDSEK	9.233957143	9.236947826	9.2435	9.2232
3/26/2019	USDSEK	9.230575	9.2304	9.2385	9.2209
3/27/2019	USDSEK	9.255285714	9.250413636	9.2767	9.2451
3/28/2019	USDSEK	9.302914286	9.298402564	9.3428	9.2812
3/29/2019	USDSEK	9.277814286	9.285457692	9.2923	9.2592
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3/27/2019	USDZAR	14.5819	14.58256667	14.5879	14.5759
3/28/2019	USDZAR	14.6976	14.6976	14.6976	14.6976
3/29/2019	USDZAR	14.5193	14.5193	14.5193	14.5193
1/1/2019	XAUUSD				
1/2/2019	XAUUSD	1283.515	1283.515	1285.52	1281.51
1/3/2019	XAUUSD	1289.44	1288.995385	1291.7	1287.11
1/4/2019	XAUUSD	1289.33	1284.272381	1294.92	1283.74
1/7/2019	XAUUSD	1291.634167	1288.13475	1294.66	1287.31
1/8/2019	XAUUSD	1283.132	1283.101818	1283.27	1282.8
1/9/2019	XAUUSD	1281.205	1281.168	1281.39	1281.02
1/10/2019	XAUUSD	1287.5	1287.5	1288.21	1286.79
1/11/2019	XAUUSD				
1/14/2019	XAUUSD				
1/15/2019	XAUUSD	1288.24	1288.237143	1288.26	1288.22
1/16/2019	XAUUSD				
1/17/2019	XAUUSD				
1/18/2019	XAUUSD	1284.94	1284.94	1284.94	1284.94
1/21/2019	XAUUSD				
1/22/2019	XAUUSD				
1/23/2019	XAUUSD				
1/24/2019	XAUUSD	1281.136667	1281.141667	1281.16	1281.11
1/25/2019	XAUUSD	1295.842	1297.220667	1298.23	1288.04
1/28/2019	XAUUSD				
1/29/2019	XAUUSD	1310.203125	1310.438947	1311.84	1309.61
1/30/2019	XAUUSD	1315.326	1315.672353	1318.27	1311.68
1/31/2019	XAUUSD	1321.595714	1321.513043	1324.32	1319.31
2/1/2019	XAUUSD	1321.71	1321.681818	1322.02	1321.4

2/4/2019	XAUUSD				
2/5/2019	XAUUSD	1314.89	1314.89	1314.89	1314.89
2/6/2019	XAUUSD	1306.34	1306.34	1306.34	1306.34
2/7/2019	XAUUSD	1307.816667	1308.5775	1310.86	1306.19
2/8/2019	XAUUSD	1313.84	1313.84	1313.84	1313.84
2/11/2019	XAUUSD	1306.865	1306.865	1306.88	1306.85
2/12/2019	XAUUSD				
2/13/2019	XAUUSD				
2/14/2019	XAUUSD	1309.9425	1310.140435	1312.7	1305.39
2/15/2019	XAUUSD	1319.16	1319.16	1321.6	1316.72
2/18/2019	XAUUSD	1324.92	1324.92	1324.92	1324.92
2/19/2019	XAUUSD	1338.49	1338.867143	1341.13	1337.17
2/20/2019	XAUUSD	1343.65	1343.65	1343.65	1343.65
2/21/2019	XAUUSD	1328.595	1328.595	1331.1	1326.09
2/22/2019	XAUUSD	1329.054	1329.659704	1330.61	1328.62
2/25/2019	XAUUSD	1328.32	1328.32	1328.32	1328.32
2/26/2019	XAUUSD				
2/27/2019	XAUUSD				
2/28/2019	XAUUSD				
3/1/2019	XAUUSD	1309.11	1309.11	1309.11	1309.11
3/4/2019	XAUUSD	1286.44	1286.44	1287.92	1284.96
3/5/2019	XAUUSD	1285.94	1285.94	1286.03	1285.85
3/6/2019	XAUUSD	1286.685	1286.685	1287.33	1286.04
3/7/2019	XAUUSD				
3/8/2019	XAUUSD	1293.021111	1296.423456	1298.47	1287.37
3/11/2019	XAUUSD	1294.449606	1294.183883	1296	1293.09
3/12/2019	XAUUSD	1296.596667	1296.86266	1296.9	1296.04
3/13/2019	XAUUSD	1306.901429	1306.941434	1309.96	1305.12
3/14/2019	XAUUSD	1304.19	1304.19	1307.21	1302.44
3/15/2019	XAUUSD				
3/18/2019	XAUUSD				
3/19/2019	XAUUSD				
3/20/2019	XAUUSD	1311.508333	1311.508333	1315.45	1299.87
3/21/2019	XAUUSD	1306.333333	1306.333333	1307.69	1303.84
3/22/2019	XAUUSD	1309.9	1309.9	1309.9	1309.9
3/25/2019	XAUUSD				
3/26/2019	XAUUSD				
3/27/2019	XAUUSD	1308.36	1308.36	1308.36	1308.36
3/28/2019	XAUUSD	1296.91	1306.883758	1307.59	1290.94
3/29/2019	XAUUSD	1291.9775	1291.085093	1293.04	1290.65
1/1/2019	ZARJPY				
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