

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country United States
 Country code USA
 Currency US dollar
 Currency code USD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.342200	1.345000	1.368200	1.348500	1.352000	1.328800	1.321500	1.348500	1.353500	1.371700	1.370900	1.343100	1.349700
2022	1.261600	1.271600	1.265800	1.262800	1.285200	1.281400	1.294200	1.292200	1.331900	1.370000	1.344900	1.359200	1.301300
2021	1.272400	1.269900	1.257400	1.249600	1.212600	1.221900	1.252900	1.260300	1.267100	1.243700	1.257000	1.279400	1.253500
2020	1.308700	1.328600	1.395300	1.405800	1.397000	1.355000	1.349900	1.322200	1.322800	1.321500	1.306800	1.280800	1.341500
2019	1.330100	1.320600	1.336800	1.337800	1.345900	1.328700	1.310100	1.327700	1.324100	1.319000	1.323900	1.317200	1.326900
2018	1.242700	1.258600	1.293200	1.273300	1.287300	1.312900	1.313000	1.304100	1.303700	1.301000	1.320000	1.343200	1.295700
2017	1.319300	1.310700	1.338600	1.344000	1.360700	1.329800	1.268900	1.260500	1.228300	1.260500	1.276900	1.277100	1.298600
2016	1.422315	1.379610	1.322618	1.281857	1.294210	1.289559	1.305030	1.299436	1.310867	1.325145	1.343800	1.332935	1.324806
2015	1.211519	1.250005	1.261914	1.233114	1.218485	1.236605	1.286459	1.314870	1.326695	1.307267	1.328035	1.370467	1.278711
2014	1.094191	1.105511	1.110714	1.099129	1.089371	1.083071	1.073918	1.092725	1.101181	1.121255	1.132647	1.153252	1.104466
2013	0.992132	1.009847	1.024730	1.018695	1.019859	1.031465	1.040323	1.040862	1.034240	1.036350	1.049230	1.063915	1.029915
2012	1.013262	0.996529	0.993855	0.992630	1.009841	1.028071	1.013933	0.992141	0.978295	0.987205	0.997048	0.989568	0.999580
2011	0.993845	0.987555	0.976591	0.958215	0.967976	0.976750	0.955300	0.982836	1.002600	1.019825	1.025819	1.023785	0.989069
2010	1.042935	1.056820	1.023004	1.005062	1.039920	1.037932	1.042686	1.041386	1.033086	1.017975	1.012800	1.007748	1.029939
2009	1.226300	1.245140	1.264514	1.224043	1.150920	1.126532	1.122177	1.088210	1.081762	1.054852	1.059575	1.054400	1.141977
2008	1.011132	0.999086	1.002025	1.013886	0.999371	1.016733	1.012695	1.054395	1.058295	1.184750	1.218174	1.234500	1.066014
2007	1.175932	1.170660	1.168227	1.134250	1.094900	1.065167	1.050338	1.058223	1.025353	0.975232	0.967119	1.003147	1.074781
2006	1.157286	1.148890	1.157404	1.143774	1.109464	1.113845	1.129240	1.118264	1.116175	1.128600	1.136195	1.153000	1.134094
2005	1.225335	1.239670	1.216100	1.236019	1.255510	1.240214	1.222745	1.204023	1.177590	1.177575	1.181076	1.161005	1.211632
2004	1.295990	1.328960	1.328357	1.342452	1.378325	1.357659	1.321943	1.311771	1.287795	1.246940	1.196076	1.219110	1.301520
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.352271	1.381518	1.395650	1.363224	1.321845	1.312579	1.312833	1.401462
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.570360
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.548416
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.485202
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.485840
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.483103
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.384387

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country European Union
 Country code EUR
 Currency Euro
 Currency code EUR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.446800	1.439800	1.465400	1.478800	1.469000	1.440900	1.462000	1.470500	1.444300	1.449300	1.483300	1.464400	1.459700
2022	1.428100	1.442600	1.394700	1.364400	1.358800	1.353700	1.315700	1.307800	1.318500	1.348500	1.371900	1.438900	1.369600
2021	1.548400	1.535600	1.496200	1.496300	1.472900	1.471900	1.481200	1.482600	1.491900	1.442800	1.433600	1.446200	1.482800
2020	1.452300	1.449400	1.541700	1.527600	1.523600	1.525700	1.549900	1.564600	1.559100	1.555300	1.547100	1.558600	1.529800
2019	1.518600	1.499000	1.510500	1.502900	1.505700	1.500900	1.468700	1.476700	1.457800	1.458300	1.462700	1.464000	1.485600
2018	1.516500	1.553300	1.595000	1.562800	1.521200	1.532900	1.534700	1.505900	1.520700	1.494100	1.501000	1.528800	1.530200
2017	1.402800	1.395100	1.430700	1.440600	1.502900	1.494000	1.462800	1.489000	1.463000	1.481600	1.500000	1.511100	1.465000
2016	1.544100	1.530400	1.472100	1.454300	1.463500	1.448200	1.442600	1.456300	1.470400	1.459400	1.448600	1.406000	1.466000
2015	1.406500	1.418700	1.365000	1.333200	1.358100	1.387900	1.414700	1.465300	1.489600	1.467600	1.423600	1.491600	1.418200
2014	1.489700	1.510700	1.535800	1.517800	1.496300	1.472400	1.452900	1.454400	1.419200	1.421400	1.412700	1.421800	1.467100
2013	1.320000	1.347600	1.328000	1.326900	1.324300	1.361000	1.360800	1.386000	1.381900	1.414200	1.416000	1.458500	1.368100
2012	1.306800	1.319400	1.312600	1.306600	1.291800	1.289200	1.244500	1.230700	1.260400	1.280800	1.280100	1.297600	1.285000
2011	1.328500	1.348600	1.369100	1.385000	1.388500	1.406700	1.363600	1.409200	1.377800	1.400000	1.389500	1.347000	1.376700
2010	1.488200	1.445300	1.388200	1.348000	1.305400	1.268500	1.335800	1.342000	1.353500	1.415000	1.381300	1.333500	1.366100
2009	1.623000	1.592900	1.649200	1.615800	1.572700	1.578500	1.580200	1.551700	1.576400	1.563200	1.579900	1.538000	1.585500
2008	1.487700	1.473800	1.555600	1.597200	1.555500	1.582100	1.595500	1.573400	1.517000	1.568800	1.552900	1.663500	1.560300
2007	1.527500	1.531500	1.547300	1.533300	1.480100	1.429500	1.441700	1.441000	1.427300	1.388200	1.420200	1.460700	1.469100
2006	1.403200	1.371600	1.392100	1.404600	1.415900	1.410100	1.431800	1.432100	1.419900	1.423900	1.465000	1.523000	1.423700
2005	1.605200	1.613300	1.604500	1.599700	1.593400	1.507600	1.471400	1.480800	1.440900	1.415600	1.392200	1.377100	1.509000
2004	1.636200	1.680700	1.628900	1.608700	1.655400	1.649000	1.622200	1.600300	1.574400	1.559400	1.555600	1.631700	1.616900
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.578800	1.569600	1.555800	1.535900	1.548500	1.538300	1.613800	1.582600
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.483200
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.386800
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.370400
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.584700
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country United Arab Emirates
 Country code ARE
 Currency UAE dirham
 Currency code AED

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.365437	0.366107	0.372792	0.367276	0.368067	0.361854	0.360077	0.367024	0.368798	0.373153	0.373351	0.365164	0.367425
2022	0.343785	0.346460	0.344521	0.343724	0.349799	0.348879	0.352012	0.351755	0.362178	0.373362	0.365478	0.369965	0.354326
2021	0.346484	0.345682	0.342250	0.340533	0.330250	0.332876	0.340631	0.343062	0.344794	0.338806	0.342370	0.348513	0.341354
2020	0.355981	0.361524	0.378681	0.382729	0.380507	0.369160	0.367884	0.360621	0.359843	0.359560	0.356198	0.348828	0.365126
2019	0.362388	0.359455	0.363857	0.364287	0.366236	0.361952	0.356516	0.361173	0.360635	0.359066	0.360329	0.358661	0.361213
2018	0.338529	0.341978	0.351750	0.346817	0.350252	0.356957	0.357390	0.354976	0.354655	0.354256	0.359071	0.365905	0.352781
2017	0.359100	0.356900	0.364500	0.366000	0.370530	0.363220	0.346520	0.343240	0.334870	0.342630	0.347430	0.347740	0.353580
2016	0.387200	0.375600	0.360100	0.349000	0.352400	0.351100	0.355300	0.353800	0.356900	0.360800	0.365900	0.362900	0.360700
2015	0.329800	0.340300	0.343600	0.335700	0.331700	0.336700	0.350200	0.358000	0.361200	0.355900	0.361600	0.373100	0.348100
2014	0.297900	0.301000	0.302400	0.299200	0.296600	0.294900	0.292400	0.297500	0.299800	0.305300	0.308400	0.314000	0.300700
2013	0.270100	0.274900	0.279000	0.277400	0.277700	0.280800	0.283200	0.283400	0.281600	0.282200	0.285700	0.289700	0.280400
2012	0.275900	0.271300	0.270600	0.270200	0.274900	0.279900	0.276100	0.270100	0.266300	0.268800	0.271400	0.269400	0.272100
2011	0.270600	0.268900	0.265900	0.260900	0.263500	0.265900	0.260100	0.267600	0.273000	0.277700	0.279300	0.278700	0.269300
2010	0.284000	0.287700	0.278500	0.273600	0.283100	0.282600	0.283900	0.283500	0.281300	0.277200	0.275800	0.274400	0.280400
2009	0.333900	0.339000	0.344300	0.333200	0.313400	0.306800	0.305600	0.296300	0.294600	0.287200	0.288500	0.287100	0.310900
2008	0.275300	0.272100	0.272900	0.276100	0.272100	0.276800	0.275700	0.287100	0.288100	0.322500	0.331600	0.336100	0.290200
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.279200	0.265600	0.263600	0.273100	0.270000
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Argentina
 Country code ARG
 Currency Argentine peso
 Currency code ARS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.007382	0.007014	0.006761	0.006261	0.005857	0.005362	0.004981	0.004261	0.003870	0.003916	0.003883	0.002498	0.005171
2022	0.012157	0.011968	0.011578	0.011150	0.010919	0.010456	0.010083	0.009561	0.009307	0.009033	0.008294	0.007894	0.010200
2021	0.014829	0.014326	0.013812	0.013504	0.012899	0.012843	0.013010	0.012972	0.012895	0.012551	0.012539	0.012573	0.013229
2020	0.021818	0.021684	0.022025	0.021464	0.020674	0.019516	0.018952	0.018098	0.017593	0.017044	0.016393	0.015529	0.019232
2019	0.035621	0.034482	0.032452	0.031039	0.030000	0.030375	0.030885	0.025879	0.023384	0.022581	0.022180	0.022022	0.028408
2018	0.065471	0.063361	0.063889	0.062929	0.054958	0.049438	0.047472	0.044017	0.033884	0.035077	0.036320	0.035535	0.049288
2017	0.082910	0.084210	0.086230	0.087600	0.087010	0.083080	0.074530	0.072390	0.071380	0.072190	0.072970	0.072410	0.078890
2016	0.104300	0.093550	0.088570	0.089010	0.091540	0.091490	0.087680	0.087590	0.086750	0.087300	0.087520	0.084040	0.089910
2015	0.140900	0.143900	0.143800	0.139100	0.136200	0.136700	0.140700	0.142200	0.141700	0.138000	0.138100	0.125100	0.138800
2014	0.154700	0.140700	0.140100	0.137400	0.135500	0.133300	0.131600	0.131400	0.130800	0.132200	0.133000	0.135000	0.136400
2013	0.200400	0.201600	0.201500	0.197700	0.194700	0.193400	0.191200	0.186400	0.180200	0.177200	0.174400	0.168100	0.189000
2012	0.234500	0.229200	0.228200	0.225800	0.227100	0.228800	0.222900	0.215200	0.209400	0.208900	0.207800	0.202800	0.220200
2011	0.240300	0.238300	0.235500	0.228100	0.225100	0.228000	0.222500	0.225400	0.226000	0.230100	0.215600	0.217500	0.227700
2010	0.269200	0.269600	0.262300	0.257600	0.264100	0.258900	0.260600	0.260000	0.257900	0.253100	0.250700	0.247800	0.259300
2009	0.347600	0.347900	0.338000	0.327900	0.305500	0.293200	0.290900	0.282000	0.280700	0.275600	0.278000	0.275800	0.303700
2008	0.318400	0.314600	0.315200	0.316500	0.309500	0.326200	0.330500	0.343700	0.338700	0.356800	0.360400	0.355200	0.331900
2007	0.378700	0.375700	0.374600	0.363900	0.351700	0.343600	0.334800	0.330300	0.320300	0.304600	0.305700	0.317600	0.342000
2006	0.376600	0.373100	0.375100	0.370800	0.361700	0.360000	0.364000	0.361200	0.358700	0.361600	0.367000	0.374900	0.367000
2005	0.414000	0.424900	0.416000	0.424600	0.433600	0.429400	0.426000	0.418200	0.405700	0.398500	0.396000	0.385100	0.414500
2004	0.445900	0.453300	0.456500	0.472300	0.471800	0.458000	0.446400	0.434700	0.428400	0.419200	0.405000	0.411100	0.442000
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.480700	0.493300	0.476600	0.466400	0.461700	0.455900	0.443600	0.474700
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.497900
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.549200
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.485700
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.486200
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.483500
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.384700

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Australia
 Country code AUS
 Currency Australian dollar
 Currency code AUD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.933400	0.927500	0.913300	0.902200	0.897800	0.892300	0.890700	0.874000	0.869300	0.870300	0.891900	0.897700	0.896700
2022	0.905500	0.911300	0.933400	0.930100	0.905700	0.899800	0.887300	0.898800	0.889600	0.871600	0.887900	0.917200	0.903400
2021	0.982600	0.984400	0.969100	0.962700	0.941300	0.933800	0.929400	0.920100	0.927100	0.921500	0.917800	0.915600	0.942000
2020	0.896800	0.885400	0.867100	0.886500	0.910500	0.934800	0.950200	0.952700	0.955800	0.941300	0.951200	0.964500	0.924700
2019	0.951200	0.942800	0.946700	0.951200	0.934800	0.923000	0.914600	0.899100	0.902200	0.896400	0.903500	0.906600	0.922800
2018	0.988800	0.990100	1.003800	0.978200	0.968600	0.983800	0.972400	0.955000	0.939100	0.924800	0.957200	0.963700	0.968700
2017	0.985400	1.004500	1.020400	1.012100	1.011600	1.005300	0.990200	0.997700	0.979000	0.981400	0.973300	0.976000	0.995100
2016	0.995900	0.984200	0.992200	0.982300	0.946700	0.954200	0.982800	0.991600	0.995000	1.009000	1.011200	0.979900	0.985200
2015	0.977400	0.974500	0.974500	0.954600	0.960200	0.954000	0.951800	0.959200	0.936300	0.941100	0.949500	0.992900	0.960400
2014	0.968700	0.991900	1.009400	1.023600	1.013000	1.014200	1.007500	1.017000	0.995400	0.984500	0.978400	0.952000	0.996300
2013	1.041700	1.041000	1.059700	1.057300	1.010500	0.973400	0.951900	0.941000	0.962000	0.986400	0.977000	0.955900	0.996600
2012	1.054700	1.069700	1.046000	1.027500	1.007500	1.026500	1.044500	1.038600	1.018000	1.016600	1.037200	1.036100	1.035300
2011	0.988700	0.995800	0.987500	1.013700	1.034000	1.036900	1.029600	1.030000	1.024000	1.036300	1.035200	1.035900	1.020600
2010	0.952300	0.936100	0.933100	0.931100	0.905900	0.885900	0.915500	0.936700	0.970800	0.999300	1.001000	1.001200	0.947000
2009	0.827100	0.809400	0.842200	0.875800	0.880900	0.903800	0.902200	0.908700	0.932500	0.956100	0.973900	0.951800	0.896900
2008	0.891100	0.912200	0.924800	0.943700	0.948800	0.966900	0.974500	0.926700	0.864100	0.811100	0.802100	0.828300	0.900200
2007	0.920200	0.916700	0.926400	0.938800	0.903700	0.897200	0.911100	0.875800	0.868700	0.877100	0.866000	0.874400	0.898200
2006	0.868600	0.852000	0.840700	0.843100	0.847800	0.824000	0.850100	0.853200	0.842400	0.851400	0.878600	0.906100	0.854300
2005	0.938000	0.968800	0.954800	0.956300	0.962100	0.950700	0.919700	0.916700	0.901000	0.887300	0.868600	0.862600	0.924300
2004	0.999200	1.033500	0.996100	0.998000	0.971600	0.941900	0.947300	0.933400	0.905300	0.914900	0.922500	0.933800	0.958200
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.899700	0.913000	0.910100	0.904500	0.918600	0.940000	0.970400	0.910500
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.853500
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.800800
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.863300
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.958900
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.933000
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.029500

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Bahamas
 Country code BHS
 Currency Bahamian dollar
 Currency code BSD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.342240	1.344720	1.369200	1.348810	1.351640	1.329080	1.322560	1.348090	1.354610	1.370600	1.371280	1.341070	1.349490
2022	1.262731	1.272565	1.265450	1.262514	1.284827	1.281451	1.292965	1.292020	1.330306	1.371383	1.342422	1.358841	1.301456
2021	1.272666	1.269716	1.257111	1.250816	1.213043	1.222683	1.251177	1.260105	1.266466	1.244476	1.257544	1.280102	1.253825
2020	1.307554	1.327909	1.390928	1.405803	1.397637	1.355962	1.351276	1.324598	1.321460	1.320717	1.308358	1.281266	1.341122
2019	1.331067	1.320283	1.336459	1.338043	1.345227	1.329520	1.309531	1.326638	1.324649	1.318868	1.323485	1.317401	1.326764
2018	1.243555	1.256270	1.292168	1.274004	1.286674	1.311293	1.312888	1.304064	1.302846	1.301401	1.319070	1.344137	1.295955
2017	1.319100	1.311000	1.338800	1.344400	1.368150	1.341420	1.282000	1.269380	1.235530	1.264760	1.283310	1.276950	1.305530
2016	1.422300	1.379600	1.322600	1.281900	1.294200	1.289600	1.305000	1.299500	1.310900	1.325100	1.343800	1.332900	1.324800
2015	1.211500	1.250000	1.261900	1.233100	1.218500	1.236600	1.286500	1.314900	1.326700	1.307300	1.328000	1.370500	1.278700
2014	1.094200	1.105500	1.110700	1.099100	1.089400	1.083100	1.073900	1.092700	1.101200	1.121300	1.132600	1.153300	1.104500
2013	0.992100	1.009800	1.024700	1.018700	1.019900	1.031500	1.040300	1.040900	1.034200	1.036400	1.049200	1.063900	1.029900
2012	1.013300	0.996500	0.993900	0.992600	1.009800	1.028100	1.013900	0.992100	0.978300	0.987200	0.997000	0.989600	0.999600
2011	0.993800	0.987600	0.976600	0.958200	0.968000	0.976800	0.955300	0.982800	1.002600	1.019800	1.025800	1.023800	0.989100
2010	1.042900	1.056800	1.023000	1.005100	1.039900	1.037900	1.042700	1.041400	1.033100	1.018000	1.012800	1.007700	1.029900
2009	1.226300	1.245100	1.264500	1.224000	1.150900	1.126500	1.122200	1.088200	1.081800	1.054900	1.059600	1.054400	1.142000
2008	1.011100	0.999100	1.002000	1.013900	0.999400	1.016700	1.012700	1.054400	1.058300	1.184800	1.218200	1.234500	1.066000
2007	1.175900	1.170700	1.168200	1.134300	1.094900	1.065200	1.050300	1.058200	1.025400	0.975200	0.967100	1.003100	1.074800
2006	1.157300	1.148900	1.157400	1.143800	1.109500	1.113800	1.129200	1.118300	1.116200	1.128600	1.136200	1.153000	1.134100
2005	1.225300	1.239700	1.216100	1.236000	1.255500	1.240200	1.222700	1.204000	1.177600	1.177600	1.181100	1.161000	1.211600
2004	1.296000	1.329000	1.328400	1.342500	1.378300	1.357700	1.321900	1.311800	1.287800	1.246900	1.196100	1.219100	1.301500
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.352300	1.381500	1.395700	1.363200	1.321800	1.312600	1.312800	1.401500
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.570400
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.548400
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.485200
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.485800
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.483100
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.384400

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Brazil
 Country code BRA
 Currency Real
 Currency code BRL

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.258700	0.259900	0.262700	0.268700	0.271400	0.273900	0.275300	0.275100	0.273900	0.271200	0.279900	0.274000	0.270400
2022	0.228400	0.244700	0.254400	0.265900	0.259200	0.253900	0.241000	0.251200	0.254600	0.260700	0.255200	0.259000	0.252500
2021	0.237600	0.234600	0.223000	0.224700	0.229200	0.242800	0.242500	0.239800	0.240200	0.224600	0.225800	0.226300	0.232500
2020	0.315400	0.305600	0.285800	0.264100	0.248400	0.261500	0.255900	0.241900	0.245100	0.235000	0.240500	0.249100	0.262500
2019	0.355900	0.354800	0.348400	0.343400	0.337300	0.344300	0.346900	0.330100	0.321400	0.322900	0.318400	0.320600	0.337100
2018	0.387100	0.387300	0.394500	0.373800	0.354800	0.347800	0.343500	0.331400	0.317300	0.346100	0.348700	0.345900	0.356600
2017	0.413300	0.422100	0.428000	0.428300	0.425000	0.403600	0.396600	0.400000	0.392100	0.394800	0.391700	0.387800	0.407100
2016	0.350800	0.348000	0.357800	0.359700	0.365500	0.377000	0.398100	0.405300	0.403000	0.416100	0.402600	0.397000	0.381700
2015	0.460000	0.443800	0.402100	0.405900	0.398000	0.397300	0.398500	0.373700	0.340100	0.337400	0.350900	0.353000	0.388300
2014	0.459100	0.464600	0.477700	0.492500	0.490500	0.484600	0.482600	0.481500	0.471300	0.457800	0.444100	0.436500	0.470400
2013	0.489000	0.511700	0.516900	0.509000	0.500600	0.474600	0.461700	0.444400	0.456800	0.473500	0.456600	0.453200	0.479000
2012	0.567600	0.580300	0.553600	0.535400	0.510500	0.501900	0.499000	0.489200	0.482600	0.486300	0.482200	0.476000	0.514100
2011	0.592800	0.592500	0.589100	0.604700	0.600400	0.615800	0.611300	0.614800	0.573800	0.576200	0.573000	0.556900	0.592000
2010	0.585600	0.573500	0.572900	0.572100	0.573700	0.574900	0.589400	0.591700	0.601100	0.604400	0.591000	0.594800	0.585300
2009	0.530900	0.536600	0.545900	0.555100	0.557000	0.575000	0.580100	0.589500	0.594700	0.606900	0.612700	0.601900	0.573800
2008	0.569700	0.577700	0.586400	0.600800	0.602200	0.628200	0.636800	0.652700	0.587700	0.544800	0.537000	0.515100	0.586800
2007	0.549900	0.558700	0.559100	0.558500	0.551800	0.551100	0.558300	0.538800	0.539800	0.541900	0.547200	0.561500	0.551300
2006	0.510300	0.532700	0.537400	0.537300	0.512600	0.495000	0.515600	0.518900	0.514600	0.525700	0.526800	0.536600	0.521700
2005	0.455300	0.477400	0.449600	0.479700	0.512000	0.513400	0.515500	0.509900	0.513100	0.522300	0.533700	0.510100	0.499300
2004	0.454600	0.453400	0.457300	0.461800	0.445100	0.434000	0.435700	0.437600	0.445700	0.437400	0.429200	0.448400	0.445100
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.469100	0.479700	0.465700	0.467000	0.462200	0.450600	0.449000	0.457000
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.556800
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.665400
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.812700
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.824600
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.272900
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.285000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Central African republic
 Country code CAF
 Currency CFA franc
 Currency code XAF

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.002206	0.002194	0.002234	0.002253	0.002239	0.002195	0.002229	0.002242	0.002206	0.002207	0.002260	0.002232	0.002225
2022	0.002180	0.002201	0.002123	0.002083	0.002070	0.002065	0.002010	0.001994	0.002009	0.002055	0.002090	0.002193	0.002089
2021	0.002362	0.002341	0.002281	0.002279	0.002246	0.002244	0.002256	0.002261	0.002273	0.002200	0.002187	0.002206	0.002261
2020	0.002213	0.002210	0.002345	0.002329	0.002325	0.002326	0.002359	0.002388	0.002375	0.002369	0.002361	0.002377	0.002331
2019	0.002317	0.002284	0.002302	0.002292	0.002295	0.002289	0.002239	0.002250	0.002223	0.002223	0.002230	0.002231	0.002265
2018	0.002311	0.002365	0.002429	0.002384	0.002319	0.002334	0.002339	0.002294	0.002313	0.002279	0.002285	0.002331	0.002332
2017	0.002139	0.002128	0.002182	0.002197	0.002290	0.002280	0.002230	0.002270	0.002230	0.002260	0.002280	0.002300	0.002230
2016	0.002354	0.002333	0.002244	0.002217	0.002231	0.002208	0.002199	0.002220	0.002242	0.002225	0.002208	0.002143	0.002235
2015	0.002144	0.002163	0.002081	0.002033	0.002070	0.002116	0.002157	0.002234	0.002271	0.002237	0.002170	0.002274	0.002162
2014	0.002271	0.002303	0.002341	0.002314	0.002281	0.002245	0.002215	0.002217	0.002164	0.002167	0.002154	0.002168	0.002237
2013	0.002012	0.002054	0.002025	0.002023	0.002019	0.002075	0.002075	0.002113	0.002107	0.002156	0.002159	0.002223	0.002086
2012	0.001992	0.002011	0.002001	0.001992	0.001969	0.001966	0.001897	0.001876	0.001921	0.001952	0.001951	0.001978	0.001959
2011	0.002025	0.002056	0.002087	0.002111	0.002117	0.002145	0.002079	0.002148	0.002100	0.002134	0.002118	0.002054	0.002099
2010	0.002269	0.002203	0.002116	0.002055	0.001990	0.001934	0.002036	0.002046	0.002063	0.002157	0.002106	0.002033	0.002083
2009	0.002474	0.002429	0.002514	0.002463	0.002398	0.002406	0.002409	0.002366	0.002403	0.002383	0.002408	0.002345	0.002417
2008	0.002268	0.002247	0.002371	0.002435	0.002371	0.002412	0.002432	0.002399	0.002313	0.002392	0.002367	0.002536	0.002379
2007	0.002329	0.002335	0.002359	0.002338	0.002256	0.002179	0.002198	0.002197	0.002176	0.002116	0.002165	0.002227	0.002240
2006	0.002139	0.002091	0.002122	0.002141	0.002159	0.002150	0.002183	0.002183	0.002165	0.002171	0.002233	0.002322	0.002170
2005	0.002447	0.002460	0.002446	0.002439	0.002429	0.002298	0.002243	0.002257	0.002197	0.002158	0.002122	0.002099	0.002300
2004	0.002494	0.002562	0.002483	0.002452	0.002524	0.002514	0.002473	0.002440	0.002400	0.002377	0.002372	0.002488	0.002465
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.002407	0.002393	0.002372	0.002342	0.002361	0.002345	0.002460	0.002413
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002261
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002114
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002089
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002416
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002520
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002375

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Switzerland
 Country code CHE
 Currency Swiss franc
 Currency code CHF

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.452000	1.453000	1.478500	1.501700	1.506200	1.476100	1.514800	1.534600	1.504500	1.519100	1.540100	1.551900	1.502400
2022	1.372600	1.378000	1.361600	1.336500	1.311600	1.321600	1.333900	1.349300	1.369000	1.375800	1.394000	1.458600	1.362900
2021	1.434700	1.414000	1.352200	1.356600	1.343100	1.345700	1.365700	1.377500	1.373700	1.348000	1.363100	1.389500	1.371300
2020	1.349500	1.361000	1.455500	1.448400	1.441100	1.424000	1.446600	1.453400	1.445700	1.448400	1.435100	1.441700	1.429400
2019	1.344000	1.318700	1.336100	1.327100	1.331600	1.344800	1.326000	1.355700	1.336600	1.328000	1.332800	1.340500	1.335200
2018	1.294000	1.345600	1.364500	1.315000	1.291200	1.326100	1.320200	1.320600	1.346600	1.308700	1.319500	1.354100	1.324600
2017	1.309300	1.308700	1.336200	1.343100	1.378700	1.373800	1.321200	1.306100	1.275600	1.283200	1.288300	1.293400	1.318900
2016	1.410800	1.390600	1.347700	1.330600	1.323600	1.330000	1.327600	1.337800	1.346800	1.341700	1.347800	1.308000	1.345000
2015	1.294400	1.335300	1.288000	1.284400	1.306200	1.326500	1.347500	1.357800	1.364100	1.349500	1.314300	1.376900	1.328600
2014	1.210200	1.236900	1.261400	1.245000	1.226300	1.209000	1.195700	1.200900	1.175100	1.176800	1.174700	1.182500	1.207800
2013	1.074000	1.096100	1.082800	1.087700	1.067300	1.105300	1.100400	1.124100	1.120500	1.148300	1.149700	1.191200	1.111700
2012	1.079800	1.093000	1.088400	1.087000	1.075400	1.073500	1.036300	1.024800	1.042300	1.058800	1.062200	1.073500	1.066200
2011	1.037300	1.039900	1.063200	1.067600	1.109300	1.162700	1.163100	1.261100	1.144400	1.138400	1.129200	1.096900	1.118700
2010	1.008700	0.985400	0.959100	0.940000	0.920700	0.922700	0.990200	1.002600	1.032900	1.050800	1.027900	1.041100	0.989600
2009	1.088300	1.069600	1.094300	1.066600	1.040600	1.042100	1.040300	1.018300	1.041000	1.032700	1.046200	1.023800	1.050500
2008	0.918500	0.916800	0.989700	1.000100	0.957700	0.980300	0.984600	0.971100	0.953300	1.035700	1.022100	1.081500	0.984000
2007	0.945800	0.944800	0.959200	0.935900	0.896700	0.863900	0.870100	0.879300	0.865900	0.830600	0.861400	0.880300	0.894600
2006	0.905900	0.880100	0.886800	0.892100	0.909400	0.904000	0.912400	0.907500	0.896100	0.895600	0.920400	0.953400	0.905000
2005	1.037300	1.040700	1.035400	1.034000	1.031200	0.979400	0.944100	0.953800	0.929800	0.914300	0.900700	0.889700	0.974600
2004	1.044900	1.068200	1.039900	1.034700	1.075200	1.086100	1.062400	1.040100	1.020000	1.011400	1.022400	1.062100	1.047300
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.025000	1.014900	1.009800	0.992300	0.999900	0.987100	1.038200	1.041800
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.011200
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.918400
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.879300
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.990100
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.025800
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.954800

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country China (mainland)
 Country code CHN
 Currency Renminbi-yuan
 Currency code CNY

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.197700	0.196700	0.198500	0.195700	0.193500	0.185500	0.183900	0.185900	0.185400	0.187700	0.189900	0.188100	0.190700
2022	0.198500	0.200400	0.199500	0.196300	0.191800	0.191400	0.192100	0.190000	0.189800	0.190400	0.187400	0.194900	0.193500
2021	0.196700	0.196600	0.193100	0.191700	0.188600	0.190200	0.193500	0.194600	0.196200	0.193700	0.196700	0.200900	0.194300
2020	0.189000	0.189900	0.198700	0.198700	0.196600	0.191300	0.192700	0.190900	0.194200	0.196500	0.197900	0.195800	0.194400
2019	0.195900	0.196000	0.199100	0.199100	0.196400	0.192600	0.190400	0.188000	0.186100	0.185800	0.188500	0.187800	0.192200
2018	0.193400	0.199100	0.204500	0.202100	0.202000	0.203000	0.195400	0.190500	0.190100	0.188000	0.190300	0.195100	0.196100
2017	0.191400	0.190700	0.194100	0.195100	0.197600	0.195300	0.187400	0.189100	0.186900	0.190200	0.192900	0.193600	0.192100
2016	0.216300	0.210600	0.203400	0.197900	0.198200	0.195600	0.195400	0.195400	0.196500	0.196800	0.196300	0.192600	0.199500
2015	0.194800	0.199900	0.202300	0.198800	0.196400	0.199300	0.207200	0.207200	0.208300	0.205800	0.208400	0.212400	0.203400
2014	0.180800	0.181800	0.179900	0.176600	0.174600	0.173800	0.173300	0.177600	0.179400	0.183100	0.184900	0.186300	0.179300
2013	0.159500	0.162000	0.164900	0.164700	0.166100	0.168100	0.169600	0.170000	0.169000	0.169800	0.172200	0.175100	0.167500
2012	0.160400	0.158200	0.157400	0.157400	0.159600	0.161600	0.159100	0.156000	0.154800	0.157600	0.159900	0.158800	0.158400
2011	0.150600	0.150100	0.148800	0.146800	0.149000	0.150900	0.147900	0.153500	0.156900	0.160100	0.161300	0.161200	0.153100
2010	0.152800	0.154800	0.149900	0.147200	0.152300	0.152200	0.153900	0.153400	0.153300	0.152600	0.152200	0.151600	0.152100
2009	0.179400	0.182100	0.185000	0.179200	0.168700	0.164800	0.164300	0.159300	0.158400	0.154500	0.155200	0.154400	0.167200
2008	0.139600	0.139400	0.141700	0.144900	0.143300	0.147400	0.148100	0.153900	0.154800	0.173300	0.178400	0.180100	0.153600
2007	0.151000	0.151000	0.151000	0.146900	0.142600	0.139600	0.138700	0.139700	0.136300	0.130000	0.130300	0.136100	0.141200
2006	0.143500	0.142700	0.144100	0.142700	0.138400	0.139100	0.141300	0.140200	0.140700	0.142800	0.144500	0.147400	0.142200
2005	0.148100	0.149800	0.146900	0.149300	0.151700	0.149900	0.148800	0.148600	0.145800	0.145900	0.146200	0.143800	0.147900
2004	0.156600	0.160600	0.160500	0.162200	0.166500	0.164000	0.159700	0.158500	0.155600	0.150700	0.144500	0.147300	0.157300
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.163400	0.166900	0.168600	0.164700	0.159700	0.158600	0.158600	0.169300
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.189700
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.187100
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.179400
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.179500
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.179200
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.167000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Denmark
 Country code DNK
 Currency Danish krone
 Currency code DKK

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.194511	0.193279	0.196774	0.198341	0.197158	0.193320	0.196235	0.197350	0.194044	0.194070	0.198781	0.196340	0.195850
2022	0.192153	0.193983	0.187201	0.183698	0.182546	0.182073	0.177178	0.175798	0.177230	0.181237	0.184323	0.193418	0.184236
2021	0.208234	0.206499	0.201173	0.201061	0.198093	0.197956	0.198956	0.199442	0.200534	0.194017	0.192909	0.194567	0.199453
2020	0.194287	0.194040	0.205896	0.204734	0.204466	0.204655	0.207774	0.210378	0.209364	0.208834	0.208014	0.209530	0.205164
2019	0.203586	0.200807	0.202352	0.201353	0.201587	0.201059	0.196752	0.197814	0.195402	0.195207	0.195787	0.195857	0.198964
2018	0.203586	0.208340	0.213844	0.209902	0.204212	0.205458	0.205883	0.201761	0.203452	0.200403	0.200910	0.204747	0.205185
2017	0.188700	0.187800	0.192500	0.193800	0.202040	0.201250	0.197050	0.200200	0.197030	0.198800	0.201170	0.203120	0.189070
2016	0.206900	0.205100	0.197400	0.195400	0.196700	0.194700	0.193900	0.195700	0.197400	0.196200	0.194700	0.189100	0.196900
2015	0.189100	0.190400	0.183000	0.178600	0.182000	0.186100	0.189600	0.196400	0.199700	0.196700	0.190800	0.199900	0.190100
2014	0.199700	0.202400	0.205800	0.203300	0.200500	0.197400	0.194800	0.195100	0.190600	0.190900	0.189800	0.191100	0.196800
2013	0.176900	0.180700	0.178100	0.178000	0.177700	0.182500	0.182500	0.185800	0.185300	0.189600	0.189900	0.195500	0.183400
2012	0.175800	0.177500	0.176500	0.175600	0.173800	0.173500	0.167300	0.165300	0.169100	0.171700	0.171600	0.173900	0.172600
2011	0.178300	0.180900	0.183600	0.185700	0.186200	0.188600	0.182900	0.189200	0.185100	0.188100	0.186700	0.181200	0.184800
2010	0.200000	0.194200	0.186500	0.181100	0.175400	0.170500	0.179200	0.180200	0.181700	0.189700	0.185300	0.178900	0.183400
2009	0.217800	0.213800	0.221400	0.216900	0.211200	0.212000	0.212200	0.208500	0.211800	0.210000	0.212300	0.206700	0.212900
2008	0.199700	0.197700	0.208600	0.214100	0.208500	0.212100	0.213900	0.210900	0.203400	0.210500	0.208500	0.223300	0.209300
2007	0.204900	0.205500	0.207700	0.205700	0.198600	0.192000	0.193800	0.193600	0.191600	0.186300	0.190500	0.195800	0.197200
2006	0.188100	0.183800	0.186600	0.188200	0.189900	0.189100	0.191900	0.191900	0.190300	0.191000	0.196500	0.204300	0.190900
2005	0.215700	0.216800	0.215500	0.214700	0.214000	0.202500	0.197300	0.198500	0.193200	0.189700	0.186600	0.184700	0.202500
2004	0.219700	0.225600	0.218700	0.216100	0.222500	0.221800	0.218200	0.215200	0.211700	0.209700	0.209300	0.219500	0.217300
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.212600	0.211100	0.209300	0.206800	0.208400	0.206800	0.216800	0.213000
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.199600
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.186100
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.183800
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.213100
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.221800
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.209800

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Fiji
 Country code FJI
 Currency Fiji dollar
 Currency code FJD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.615205	0.613306	0.616908	0.609029	0.608012	0.596896	0.595742	0.597354	0.596357	0.600734	0.606675	0.604433	0.605054
2022	0.592594	0.595402	0.600051	0.595715	0.590631	0.587834	0.584855	0.587158	0.589226	0.592697	0.598036	0.614418	0.594051
2021	0.623956	0.625162	0.614901	0.610276	0.595830	0.595545	0.601653	0.601714	0.606883	0.594552	0.599211	0.601090	0.605898
2020	0.604574	0.603431	0.612030	0.617876	0.623631	0.622310	0.628526	0.622546	0.622960	0.619561	0.622003	0.622854	0.618525
2019	0.631322	0.626565	0.633187	0.632665	0.623290	0.617389	0.610979	0.608948	0.606109	0.600453	0.605707	0.607577	0.617016
2018	0.610037	0.617367	0.632020	0.620169	0.613983	0.624942	0.622792	0.616896	0.614078	0.610214	0.622168	0.634084	0.619912
2017	0.634200	0.638400	0.647100	0.647900	0.654920	0.650300	0.629370	0.628400	0.612050	0.618230	0.619830	0.620150	0.634260
2016	0.666100	0.646600	0.633100	0.621800	0.617600	0.620400	0.628300	0.629900	0.635500	0.639800	0.645700	0.632600	0.634500
2015	0.604700	0.613900	0.615700	0.605400	0.601100	0.599300	0.609700	0.616800	0.616500	0.616200	0.620400	0.640200	0.613300
2014	0.580300	0.589200	0.597400	0.598900	0.594200	0.591100	0.585400	0.589500	0.583200	0.583700	0.583900	0.583600	0.588300
2013	0.560700	0.570400	0.574600	0.572900	0.564500	0.556600	0.549800	0.551900	0.555300	0.564500	0.567700	0.567100	0.562900
2012	0.562600	0.567700	0.563400	0.557300	0.553000	0.554400	0.561100	0.557400	0.550600	0.554000	0.560300	0.557700	0.558400
2011	0.541300	0.540800	0.534100	0.540500	0.549200	0.555400	0.548900	0.562000	0.561300	0.562700	0.563700	0.561000	0.551700
2010	0.547300	0.543800	0.530300	0.523400	0.526800	0.520600	0.533800	0.539300	0.544200	0.550300	0.552700	0.545700	0.538000
2009	0.681000	0.673000	0.691000	0.614200	0.539800	0.546300	0.548000	0.544200	0.554000	0.556900	0.561800	0.551400	0.588700
2008	0.654700	0.659400	0.672100	0.679700	0.670000	0.678600	0.676800	0.669800	0.651200	0.674300	0.669900	0.685100	0.670100
2007	0.702400	0.698500	0.704800	0.700200	0.676900	0.664800	0.670500	0.654300	0.638200	0.628400	0.628600	0.644600	0.668000
2006	0.674500	0.662700	0.655800	0.648800	0.645300	0.636600	0.648700	0.649900	0.649000	0.655600	0.670700	0.691600	0.657100
2005	0.737100	0.752500	0.743800	0.746700	0.755100	0.738000	0.715000	0.713200	0.697500	0.690700	0.681200	0.673700	0.720600
2004	0.769200	0.796500	0.775200	0.776200	0.772300	0.761000	0.754400	0.747900	0.731900	0.727000	0.719300	0.737100	0.755700
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.728000	0.741200	0.742500	0.730900	0.731200	0.739000	0.757200	0.743200
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.723400
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.684600
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.701800
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.755700
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.755800
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.961800

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country United Kingdom
 Country code GBR
 Currency Pound sterling
 Currency code GBP

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.642100	1.625700	1.660900	1.678500	1.687300	1.678500	1.703600	1.712800	1.675700	1.669500	1.704600	1.699400	1.678400
2022	1.710600	1.721100	1.666900	1.632400	1.598800	1.578100	1.551000	1.546500	1.507500	1.550200	1.579500	1.656200	1.607600
2021	1.735200	1.760500	1.742700	1.729800	1.707800	1.713500	1.730300	1.738400	1.741300	1.703700	1.691300	1.702400	1.724600
2020	1.710600	1.721000	1.723900	1.745300	1.718800	1.696900	1.713500	1.737400	1.712600	1.715000	1.726200	1.720900	1.719900
2019	1.715400	1.718800	1.760200	1.743300	1.729200	1.684400	1.632300	1.614100	1.637500	1.668400	1.705800	1.727000	1.694500
2018	1.718000	1.757100	1.807000	1.792200	1.733500	1.744300	1.729200	1.679000	1.703500	1.692600	1.702900	1.702000	1.729900
2017	1.628900	1.636700	1.652400	1.699400	1.758000	1.703000	1.648800	1.632400	1.638300	1.663800	1.689300	1.711800	1.672000
2016	2.045705	1.971645	1.884995	1.835048	1.880776	1.830168	1.713890	1.701768	1.722190	1.633610	1.670648	1.665075	1.796212
2015	1.834233	1.916000	1.887282	1.845381	1.881695	1.925832	2.001459	2.047880	2.034729	2.005500	2.017110	2.053381	1.953984
2014	1.801845	1.830432	1.846214	1.840533	1.834819	1.831133	1.832650	1.824030	1.793671	1.802236	1.785926	1.804024	1.819031
2013	1.583118	1.562332	1.544755	1.559641	1.559241	1.597755	1.578091	1.614562	1.642475	1.668186	1.690470	1.742755	1.611266
2012	1.571900	1.575052	1.572568	1.588660	1.607086	1.599105	1.580443	1.560141	1.577505	1.587318	1.591833	1.597642	1.583994
2011	1.570440	1.592770	1.577948	1.568675	1.582376	1.584077	1.543450	1.607814	1.580786	1.607595	1.619671	1.595250	1.586070
2010	1.685700	1.650640	1.540374	1.541257	1.525420	1.532405	1.595229	1.629371	1.610443	1.615035	1.615381	1.572933	1.591770
2009	1.772695	1.794430	1.791000	1.800971	1.776710	1.843809	1.836495	1.796900	1.765486	1.709938	1.758015	1.711838	1.780356
2008	1.990736	1.961933	2.006270	2.008905	1.965314	1.999233	2.013545	1.984910	1.901481	1.994041	1.865868	1.834252	1.961669
2007	2.303491	2.292660	2.274827	2.255700	2.173114	2.116110	2.137724	2.127036	2.069626	1.994091	2.001671	2.024216	2.148654
2006	2.046448	2.007905	2.018539	2.022926	2.071718	2.053086	2.082885	2.116995	2.102560	2.117614	2.173667	2.263474	2.088588
2005	2.300135	2.339705	2.317668	2.343595	2.329433	2.254300	2.139760	2.161605	2.127476	2.078405	2.048190	2.027670	2.206699
2004	2.363405	2.482880	2.425922	2.418486	2.464625	2.481923	2.438248	2.387514	2.310181	2.253825	2.226752	2.350157	2.384185
2003	1.000000	1.000000	1.000000	1.000000	1.000000	2.245943	2.241227	2.223630	2.202214	2.219800	2.219721	2.298524	2.288300
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.358175
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.229756
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.249877
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.403767
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.458676
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	2.268193

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Hong Kong
 Country code HKG
 Currency Hong Kong dollar
 Currency code HKD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.171600	0.171400	0.174300	0.171800	0.172500	0.169700	0.169100	0.172300	0.172900	0.175300	0.175600	0.172000	0.172400
2022	0.161900	0.163000	0.161800	0.161000	0.163700	0.163300	0.164900	0.164700	0.169700	0.174500	0.171800	0.174600	0.166200
2021	0.164100	0.163800	0.161900	0.160800	0.156200	0.157400	0.161200	0.161900	0.162900	0.159900	0.161400	0.164100	0.161300
2020	0.168400	0.170900	0.179600	0.181400	0.180200	0.174800	0.174200	0.170600	0.170700	0.170500	0.168600	0.165200	0.173000
2019	0.169600	0.168300	0.170300	0.170500	0.171500	0.169800	0.167700	0.169300	0.169000	0.168200	0.169100	0.168700	0.169300
2018	0.158900	0.160900	0.164900	0.162200	0.164000	0.167300	0.167300	0.166100	0.166300	0.166000	0.168600	0.171800	0.165300
2017	0.170121	0.168913	0.172369	0.172883	0.174739	0.170515	0.162486	0.161151	0.157211	0.161484	0.163600	0.163500	0.166659
2016	0.182757	0.177247	0.170419	0.165275	0.166694	0.166130	0.168241	0.167551	0.169002	0.170824	0.173251	0.171797	0.170665
2015	0.156258	0.161180	0.162645	0.159091	0.157165	0.159500	0.165959	0.169588	0.171180	0.168677	0.171339	0.176813	0.164940
2014	0.141041	0.142486	0.143107	0.141745	0.140518	0.139720	0.138563	0.140987	0.142039	0.144539	0.146065	0.148723	0.142425
2013	0.127965	0.130213	0.132068	0.131222	0.131397	0.132917	0.134118	0.134210	0.133373	0.133656	0.135342	0.137215	0.132779
2012	0.130527	0.128508	0.128038	0.127886	0.130075	0.132497	0.130726	0.127914	0.126165	0.127355	0.128643	0.127682	0.128861
2011	0.127726	0.126779	0.125339	0.123290	0.124502	0.125460	0.122641	0.126052	0.128627	0.131119	0.131819	0.131640	0.127055
2010	0.134355	0.136060	0.131807	0.129473	0.133574	0.133269	0.134099	0.134011	0.133049	0.131209	0.130597	0.129640	0.132572
2009	0.158097	0.160590	0.163095	0.157938	0.148489	0.145349	0.144794	0.140402	0.139577	0.136110	0.136719	0.136006	0.147321
2008	0.129548	0.128140	0.128766	0.130130	0.128138	0.130223	0.129827	0.135039	0.135925	0.152700	0.157164	0.159279	0.136931
2007	0.150756	0.149858	0.149516	0.145126	0.140033	0.136306	0.134318	0.135407	0.131758	0.125759	0.124340	0.128640	0.137744
2006	0.149249	0.148059	0.149162	0.147443	0.143078	0.143465	0.145262	0.143800	0.143414	0.144966	0.146007	0.148328	0.145989
2005	0.157173	0.158938	0.155917	0.158490	0.161141	0.159496	0.157257	0.154935	0.151710	0.151823	0.152318	0.149741	0.155772
2004	0.166880	0.170944	0.170462	0.172181	0.176775	0.174114	0.169485	0.168188	0.165116	0.160092	0.153824	0.156772	0.167098
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.173399	0.177140	0.178949	0.175119	0.170738	0.169068	0.169090	0.179954
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.201343
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.198527
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.190599
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.191499
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.191463
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.178803

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Indonesia
 Country code IDN
 Currency Rupiah
 Currency code IDR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.000088	0.000089	0.000089	0.000091	0.000091	0.000089	0.000088	0.000088	0.000088	0.000087	0.000088	0.000087	0.000089
2022	0.000088	0.000089	0.000088	0.000088	0.000088	0.000087	0.000087	0.000087	0.000089	0.000089	0.000086	0.000087	0.000088
2021	0.000091	0.000090	0.000087	0.000086	0.000085	0.000085	0.000087	0.000088	0.000089	0.000088	0.000088	0.000089	0.000088
2020	0.000096	0.000097	0.000092	0.000089	0.000094	0.000096	0.000093	0.000090	0.000089	0.000090	0.000092	0.000091	0.000092
2019	0.000094	0.000094	0.000094	0.000095	0.000094	0.000093	0.000094	0.000093	0.000094	0.000093	0.000094	0.000094	0.000094
2018	0.000093	0.000092	0.000094	0.000092	0.000092	0.000094	0.000091	0.000090	0.000088	0.000086	0.000090	0.000093	0.000091
2017	0.000099	0.000098	0.000100	0.000101	0.000102	0.000100	0.000095	0.000094	0.000092	0.000093	0.000094	0.000094	0.000097
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000100
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000095
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000093
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000099
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000107
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000113
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000113
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000110
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000111
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000118
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000124
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000125
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000146
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.045640
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000169
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000152
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000178
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000191
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000152
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country India
 Country code IND
 Currency India rupee
 Currency code INR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.016420	0.016280	0.016630	0.016450	0.016430	0.016170	0.016080	0.016280	0.016290	0.016490	0.016460	0.016130	0.016350
2022	0.016950	0.016960	0.016610	0.016570	0.016630	0.016410	0.016260	0.016250	0.016600	0.016640	0.016460	0.016480	0.016560
2021	0.017400	0.017440	0.017270	0.016750	0.016570	0.016610	0.016810	0.017010	0.017210	0.016600	0.016880	0.016970	0.016960
2020	0.018360	0.018570	0.018710	0.018450	0.018460	0.017900	0.018020	0.017740	0.017990	0.017960	0.017610	0.017390	0.018100
2019	0.018800	0.018550	0.019240	0.019270	0.019290	0.019140	0.019060	0.018650	0.018560	0.018570	0.018520	0.018510	0.018850
2018	0.019530	0.019530	0.019880	0.019390	0.019070	0.019360	0.019110	0.018720	0.018040	0.017690	0.018420	0.018960	0.018970
2017	0.019380	0.019570	0.020340	0.020820	0.021120	0.020630	0.019690	0.019700	0.019050	0.019380	0.019700	0.019870	0.019950
2016	0.021120	0.020210	0.019770	0.019290	0.019350	0.019170	0.019430	0.019420	0.019640	0.019850	0.019850	0.019660	0.019720
2015	0.019510	0.020160	0.020190	0.019680	0.019130	0.019390	0.020220	0.020180	0.020050	0.020100	0.020080	0.020600	0.019940
2014	0.017620	0.017770	0.018220	0.018210	0.018360	0.018130	0.017880	0.017960	0.018080	0.018280	0.018360	0.018390	0.018100
2013	0.018300	0.018760	0.018830	0.018750	0.018540	0.017660	0.017390	0.016560	0.016250	0.016820	0.016780	0.017210	0.017660
2012	0.019870	0.020260	0.019730	0.019190	0.018600	0.018370	0.018310	0.017880	0.017990	0.018600	0.018200	0.018120	0.018770
2011	0.021870	0.021770	0.021740	0.021610	0.021560	0.021800	0.021520	0.021660	0.021020	0.020720	0.020220	0.019540	0.021260
2010	0.022720	0.022830	0.022500	0.022620	0.022730	0.022310	0.022280	0.022380	0.022520	0.022940	0.022510	0.022350	0.022550
2009	0.025170	0.025290	0.024720	0.024490	0.023720	0.023610	0.023180	0.022530	0.022390	0.022600	0.022760	0.022650	0.023600
2008	0.025750	0.025180	0.024930	0.025360	0.023790	0.023780	0.023690	0.024550	0.023250	0.024410	0.024920	0.025440	0.024580
2007	0.026600	0.026600	0.026680	0.027010	0.026990	0.026250	0.026070	0.025990	0.025550	0.024750	0.024580	0.025480	0.026050
2006	0.026180	0.025970	0.026100	0.025510	0.024530	0.024260	0.024350	0.024070	0.024270	0.024880	0.025400	0.025910	0.025110
2005	0.028070	0.028420	0.027870	0.028290	0.028890	0.028470	0.028130	0.027620	0.026840	0.026290	0.025860	0.025460	0.027530
2004	0.028540	0.029380	0.029560	0.030600	0.030530	0.029860	0.028730	0.028330	0.027980	0.027260	0.026540	0.027770	0.028760
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.028990	0.029930	0.030400	0.029760	0.029140	0.028830	0.028820	0.030090
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032330
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032830
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033070
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034520
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.035960
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.038150

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Japan
 Country code JPN
 Currency Yen
 Currency code JPY

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.010300	0.010110	0.010240	0.010100	0.009860	0.009400	0.009380	0.009300	0.009150	0.009170	0.009160	0.009320	0.009630
2022	0.010990	0.011030	0.010680	0.009990	0.009980	0.009560	0.009460	0.009550	0.009300	0.009310	0.009460	0.010070	0.009940
2021	0.012260	0.012050	0.011560	0.011470	0.011110	0.011100	0.011370	0.011470	0.011510	0.011000	0.011020	0.011240	0.011420
2020	0.011970	0.012070	0.012960	0.013050	0.013030	0.012590	0.012650	0.012470	0.012530	0.012560	0.012520	0.012340	0.012570
2019	0.012210	0.011960	0.012030	0.011980	0.012240	0.012290	0.012100	0.012500	0.012310	0.012200	0.012160	0.012080	0.012170
2018	0.011210	0.011660	0.012190	0.011830	0.011740	0.011930	0.011780	0.011750	0.011630	0.011540	0.011650	0.011970	0.011740
2017	0.011490	0.011600	0.011860	0.012200	0.012120	0.011990	0.011290	0.011480	0.011080	0.011160	0.011330	0.011310	0.011580
2016	0.012040	0.012040	0.011710	0.011700	0.011880	0.012250	0.012530	0.012840	0.012880	0.012750	0.012380	0.011500	0.012210
2015	0.010250	0.010530	0.010480	0.010320	0.010080	0.009995	0.010430	0.010700	0.011040	0.010890	0.010830	0.011260	0.010560
2014	0.010540	0.010820	0.010850	0.010730	0.010700	0.010610	0.010550	0.010610	0.010250	0.010380	0.009735	0.009665	0.010460
2013	0.011140	0.010860	0.010810	0.010420	0.010110	0.010610	0.010430	0.010640	0.010420	0.010600	0.010470	0.010290	0.010570
2012	0.013170	0.012700	0.012050	0.012220	0.012680	0.012960	0.012840	0.012600	0.012520	0.012490	0.012290	0.011830	0.012540
2011	0.012020	0.011960	0.011960	0.011510	0.011940	0.012140	0.012060	0.012770	0.013060	0.013310	0.013230	0.013160	0.012420
2010	0.011450	0.011730	0.011280	0.010760	0.011310	0.011430	0.011910	0.012210	0.012250	0.012460	0.012270	0.012100	0.011760
2009	0.013600	0.013420	0.012920	0.012380	0.011920	0.011660	0.011910	0.011470	0.011850	0.011670	0.011890	0.011740	0.012200
2008	0.009387	0.009329	0.009942	0.009875	0.009581	0.009510	0.009474	0.009636	0.009930	0.011870	0.012580	0.013520	0.010370
2007	0.009763	0.009718	0.009963	0.009538	0.009066	0.008682	0.008651	0.009072	0.008916	0.008420	0.008714	0.008929	0.009121
2006	0.010025	0.009746	0.009869	0.009777	0.009927	0.009717	0.009756	0.009642	0.009522	0.009515	0.009692	0.009835	0.009753
2005	0.011858	0.011808	0.011558	0.011531	0.011777	0.011405	0.010921	0.010890	0.010590	0.010251	0.009969	0.009797	0.011035
2004	0.012191	0.012465	0.012247	0.012465	0.012305	0.012409	0.012070	0.011905	0.011698	0.011464	0.011434	0.011734	0.012035
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.011429	0.011645	0.011772	0.011879	0.012073	0.012023	0.012183	0.012088
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.012554
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.012755
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013779
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013109
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.011390
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.011454

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Korea, Republic of (South)
 Country code KOR
 Currency South Korean won
 Currency code KRW

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.001080	0.001053	0.001048	0.001019	0.001017	0.001025	0.001031	0.001019	0.001014	0.001015	0.001050	0.001029	0.001033
2022	0.001055	0.001061	0.001037	0.001021	0.001014	0.001002	0.000989	0.000978	0.000955	0.000960	0.000991	0.001049	0.001009
2021	0.001157	0.001142	0.001112	0.001118	0.001080	0.001088	0.001093	0.001085	0.001080	0.001053	0.001061	0.001081	0.001096
2020	0.001121	0.001111	0.001145	0.001149	0.001137	0.001122	0.001126	0.001115	0.001124	0.001155	0.001172	0.001170	0.001137
2019	0.001186	0.001177	0.001181	0.001170	0.001138	0.001133	0.001112	0.001097	0.001109	0.001115	0.001133	0.001121	0.001139
2018	0.001165	0.001166	0.001207	0.001191	0.001195	0.001199	0.001169	0.001164	0.001164	0.001149	0.001172	0.001196	0.001178
2017	0.001118	0.001148	0.001181	0.001184	0.001208	0.001175	0.001120	0.001114	0.001084	0.001113	0.001160	0.001178	0.001149
2016	0.001181	0.001134	0.001118	0.001118	0.001101	0.001106	0.001143	0.001170	0.001182	0.001174	0.001154	0.001127	0.001142
2015	0.001113	0.001134	0.001133	0.001136	0.001114	0.001110	0.001121	0.001115	0.001119	0.001143	0.001150	0.001166	0.001129
2014	0.001025	0.001032	0.001037	0.001054	0.001063	0.001063	0.001052	0.001067	0.001063	0.001057	0.001031	0.001045	0.001049
2013	0.000930	0.000928	0.000929	0.000909	0.000917	0.000908	0.000924	0.000932	0.000955	0.000972	0.000988	0.001007	0.000941
2012	0.000888	0.000887	0.000882	0.000874	0.000873	0.000883	0.000888	0.000876	0.000871	0.000893	0.000917	0.000920	0.000887
2011	0.000888	0.000883	0.000872	0.000884	0.000893	0.000904	0.000903	0.000914	0.000894	0.000886	0.000904	0.000892	0.000893
2010	0.000916	0.000914	0.000900	0.000901	0.000894	0.000855	0.000866	0.000882	0.000889	0.000907	0.000895	0.000880	0.000891
2009	0.000904	0.000865	0.000872	0.000918	0.000917	0.000892	0.000889	0.000877	0.000892	0.000898	0.000911	0.000905	0.000895
2008	0.001073	0.001058	0.001022	0.001027	0.000965	0.000985	0.000998	0.001006	0.000933	0.000894	0.000870	0.000906	0.000979
2007	0.001255	0.001249	0.001239	0.001219	0.001181	0.001148	0.001144	0.001132	0.001104	0.001066	0.001053	0.001078	0.001156
2006	0.001179	0.001185	0.001187	0.001201	0.001179	0.001167	0.001187	0.001163	0.001172	0.001184	0.001215	0.001246	0.001188
2005	0.001180	0.001211	0.001207	0.001224	0.001253	0.001225	0.001179	0.001179	0.001143	0.001125	0.001134	0.001135	0.001184
2004	0.001095	0.001139	0.001140	0.001164	0.001172	0.001172	0.001141	0.001134	0.001122	0.001092	0.001102	0.001160	0.001136
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.001133	0.001170	0.001185	0.001170	0.001131	0.001106	0.001102	0.001176
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001262
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001201
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001315
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001250
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001071
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001493

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Morocco
 Country code MAR
 Currency Moroccan dirham
 Currency code MAD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.131215	0.130544	0.132413	0.132914	0.133651	0.132187	0.135612	0.135982	0.132422	0.133285	0.134867	0.133599	0.133224
2022	0.135933	0.135536	0.130035	0.128601	0.128446	0.128333	0.126326	0.124182	0.123653	0.125163	0.124411	0.129195	0.128318
2021	0.142959	0.142002	0.139613	0.139654	0.136998	0.137913	0.139942	0.140562	0.141263	0.137408	0.137301	0.138345	0.139497
2020	0.136127	0.137263	0.143713	0.138732	0.141873	0.140073	0.141489	0.143470	0.143321	0.143465	0.143231	0.142940	0.141308
2019	0.139656	0.138427	0.139057	0.138891	0.139094	0.138346	0.136567	0.138319	0.136922	0.136586	0.137144	0.136915	0.137994
2018	0.133851	0.136241	0.140271	0.137869	0.136120	0.137632	0.138356	0.137013	0.138014	0.136735	0.138153	0.140425	0.137564
2017	0.131100	0.130300	0.133400	0.134100	0.140200	0.138460	0.134870	0.135520	0.133150	0.135350	0.137020	0.136310	0.135560
2016	0.143400	0.141000	0.135400	0.132800	0.133800	0.132700	0.132900	0.133500	0.134800	0.134700	0.134800	0.131900	0.135100
2015	0.129200	0.131000	0.127400	0.124300	0.125100	0.127600	0.131100	0.134900	0.136700	0.134600	0.133000	0.138400	0.131100
2014	0.132800	0.134700	0.136700	0.135100	0.133200	0.131400	0.129600	0.130300	0.127800	0.128300	0.128100	0.129100	0.131400
2013	0.118200	0.120600	0.119600	0.119300	0.119200	0.122000	0.122200	0.124000	0.123600	0.126000	0.126400	0.129700	0.122500
2012	0.117700	0.118300	0.117700	0.117300	0.116600	0.116700	0.113200	0.111700	0.113600	0.115200	0.115400	0.116500	0.115800
2011	0.118800	0.120200	0.121400	0.122200	0.122600	0.124200	0.120500	0.124500	0.122600	0.124600	0.124000	0.120800	0.122200
2010	0.131600	0.128800	0.123900	0.120600	0.118100	0.115300	0.120400	0.120800	0.121500	0.125600	0.123100	0.119500	0.122400
2009	0.145600	0.144100	0.148400	0.145000	0.140200	0.140000	0.140000	0.137100	0.138900	0.137300	0.138600	0.135500	0.140900
2008	0.131000	0.129700	0.135800	0.139100	0.135800	0.138100	0.138900	0.138200	0.134200	0.140700	0.140200	0.148700	0.137500
2007	0.137500	0.137600	0.138800	0.136900	0.132200	0.127900	0.128500	0.128600	0.126800	0.122900	0.125100	0.128800	0.131000
2006	0.128100	0.125700	0.127100	0.127600	0.127900	0.127500	0.129400	0.129200	0.128300	0.128800	0.131900	0.136600	0.128900
2005	0.144500	0.145400	0.144200	0.144200	0.143900	0.137200	0.134400	0.134500	0.131000	0.129300	0.127500	0.126000	0.136900
2004	0.147800	0.151900	0.148200	0.146900	0.151100	0.150200	0.147500	0.145800	0.143200	0.141200	0.139900	0.146100	0.146700
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.144800	0.144800	0.144000	0.141900	0.142000	0.141000	0.146500	0.146200
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.142600
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.137200
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.139800
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.151700
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.154700
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.145600

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Mexico
 Country code MEX
 Currency Mexican peso
 Currency code MXN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.070810	0.072200	0.074370	0.074550	0.076230	0.077080	0.078200	0.079450	0.078200	0.075820	0.078950	0.078070	0.076180
2022	0.061550	0.062130	0.061630	0.062870	0.064140	0.064040	0.062980	0.064240	0.066350	0.068540	0.069140	0.069270	0.064720
2021	0.063880	0.062480	0.060570	0.062360	0.060710	0.061030	0.062740	0.062740	0.063280	0.060840	0.060160	0.061200	0.061810
2020	0.069600	0.070490	0.062630	0.058030	0.059580	0.060790	0.060310	0.059610	0.061110	0.062120	0.064030	0.064180	0.062670
2019	0.069390	0.068810	0.069500	0.070510	0.070430	0.068940	0.068780	0.067420	0.067720	0.068240	0.068460	0.068900	0.068940
2018	0.065730	0.067490	0.069460	0.069270	0.065930	0.064690	0.069270	0.069120	0.068600	0.067800	0.065210	0.066810	0.067440
2017	0.061650	0.064620	0.069420	0.071610	0.072510	0.073330	0.071270	0.070820	0.068880	0.066970	0.067520	0.066720	0.068840
2016	0.078710	0.074860	0.074990	0.073320	0.071360	0.069120	0.070100	0.070400	0.068140	0.070150	0.067120	0.065050	0.071100
2015	0.082440	0.083790	0.082820	0.081070	0.079710	0.079880	0.080660	0.079430	0.078780	0.078880	0.079860	0.080320	0.080630
2014	0.082740	0.083160	0.084190	0.084100	0.084240	0.083350	0.082650	0.083150	0.083190	0.083180	0.083140	0.079430	0.083040
2013	0.078140	0.079350	0.081910	0.083450	0.082880	0.079570	0.081530	0.080560	0.079230	0.079770	0.080330	0.081790	0.080730
2012	0.075690	0.078010	0.077920	0.076010	0.074130	0.073860	0.075870	0.075250	0.075700	0.076540	0.076330	0.076960	0.076020
2011	0.082020	0.081850	0.081400	0.081820	0.083090	0.082730	0.081840	0.080180	0.076800	0.075890	0.074790	0.074370	0.079760
2010	0.081460	0.081660	0.081390	0.082120	0.081720	0.081640	0.081390	0.081510	0.080730	0.081830	0.082070	0.081340	0.081570
2009	0.088280	0.085270	0.086360	0.091230	0.087240	0.084430	0.083890	0.083690	0.080670	0.079740	0.080840	0.082000	0.084480
2008	0.092680	0.092790	0.093350	0.096420	0.095730	0.098450	0.099230	0.104100	0.099260	0.093700	0.092790	0.091970	0.095870
2007	0.107330	0.106480	0.105090	0.103290	0.101160	0.098320	0.097130	0.095790	0.092930	0.090120	0.088870	0.092470	0.098320
2006	0.109750	0.109600	0.107670	0.103530	0.100100	0.097750	0.102860	0.102840	0.101570	0.103690	0.104090	0.106240	0.104100
2005	0.108760	0.111320	0.109050	0.111220	0.114410	0.114610	0.114570	0.112630	0.109190	0.108670	0.110700	0.109310	0.111230
2004	0.118740	0.120530	0.120650	0.119100	0.119760	0.119200	0.115310	0.115150	0.112120	0.109360	0.105200	0.108800	0.115370
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.128780	0.132180	0.129380	0.124860	0.118260	0.117670	0.130060
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.162960
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.165890
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.157100
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.155570
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.162760
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.174940

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Malaysia
 Country code MYS
 Currency Ringgit
 Currency code MYR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.310146	0.308032	0.306287	0.304864	0.299334	0.287152	0.287927	0.292503	0.289432	0.288813	0.292376	0.287946	0.296234
2022	0.301436	0.303876	0.301382	0.296069	0.293308	0.291208	0.291272	0.289366	0.293219	0.292303	0.290960	0.307970	0.296031
2021	0.315253	0.313724	0.305869	0.303300	0.294010	0.295741	0.297815	0.298581	0.304024	0.298875	0.300862	0.303943	0.302666
2020	0.320634	0.319263	0.323578	0.323091	0.322102	0.317174	0.316780	0.316204	0.318507	0.318094	0.318194	0.315891	0.319126
2019	0.323100	0.323800	0.327700	0.325200	0.322800	0.319300	0.317700	0.317000	0.316500	0.315000	0.318400	0.317600	0.320300
2018	0.314400	0.321700	0.331200	0.327500	0.325000	0.328300	0.324200	0.318500	0.314800	0.312800	0.315400	0.322100	0.321300
2017	0.296100	0.295100	0.301700	0.305200	0.315200	0.310900	0.295800	0.294300	0.291700	0.298000	0.306500	0.313200	0.302000
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.320100
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.328400
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.337600
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.327100
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.323800
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.323400
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.320100
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.323600
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.319500
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.312500
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.309200
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.319900
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.342500
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.368800
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.413200
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.407500
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.390900
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.391100
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.379400
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.501500

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Norway
 Country code NOR
 Currency Norwegian krone
 Currency code NOK

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.134900	0.131400	0.129900	0.128400	0.125100	0.123100	0.129100	0.128700	0.126200	0.124300	0.125800	0.127100	0.127800
2022	0.142700	0.143600	0.143300	0.141700	0.133900	0.131400	0.129300	0.133000	0.129700	0.129800	0.132700	0.137500	0.135700
2021	0.149500	0.149200	0.147600	0.149000	0.146000	0.145100	0.142500	0.142400	0.146400	0.147100	0.143700	0.142500	0.145900
2020	0.146100	0.142900	0.136700	0.134800	0.138500	0.142200	0.145500	0.148000	0.144500	0.142200	0.144000	0.147100	0.142700
2019	0.155600	0.153800	0.155400	0.156200	0.154000	0.154000	0.152000	0.148000	0.147000	0.144100	0.144700	0.145800	0.150900
2018	0.157300	0.160500	0.166500	0.162300	0.158900	0.161800	0.161600	0.156400	0.158200	0.157600	0.155700	0.155800	0.159400
2017	0.155900	0.157400	0.157300	0.156500	0.159900	0.157200	0.155800	0.159800	0.156700	0.157600	0.155900	0.153500	0.157000
2016	0.161100	0.160200	0.156000	0.156100	0.157300	0.155200	0.153900	0.156700	0.159900	0.162100	0.159600	0.155800	0.157800
2015	0.157600	0.164700	0.157800	0.156600	0.161100	0.158300	0.158200	0.159300	0.160100	0.158000	0.153600	0.157500	0.158500
2014	0.177500	0.180800	0.185200	0.183800	0.183300	0.179200	0.173200	0.176500	0.173300	0.170900	0.166100	0.158500	0.175700
2013	0.178600	0.181400	0.177300	0.175800	0.175200	0.175600	0.172600	0.174300	0.173300	0.174200	0.172400	0.173400	0.175300
2012	0.170300	0.174600	0.174100	0.172600	0.170600	0.170900	0.167000	0.168100	0.170200	0.172900	0.174400	0.176300	0.171800
2011	0.169700	0.172400	0.174600	0.177300	0.177000	0.179600	0.175300	0.180700	0.178200	0.180800	0.178500	0.173800	0.176500
2010	0.181800	0.178500	0.172700	0.169800	0.165400	0.160300	0.166500	0.169100	0.171000	0.174500	0.169700	0.168600	0.170600
2009	0.176200	0.181100	0.186400	0.183900	0.178600	0.176200	0.176400	0.179200	0.183300	0.186900	0.187700	0.182700	0.181500
2008	0.187000	0.185500	0.194700	0.200500	0.197600	0.197900	0.198200	0.197300	0.185800	0.182200	0.175700	0.176100	0.190000
2007	0.184600	0.189300	0.190200	0.188800	0.181800	0.177600	0.181600	0.180800	0.182500	0.180400	0.178500	0.182400	0.183200
2006	0.174500	0.170100	0.174500	0.179100	0.181700	0.179400	0.180300	0.179000	0.171600	0.169400	0.177600	0.186500	0.176900
2005	0.195200	0.193900	0.195900	0.195700	0.197300	0.191000	0.185800	0.187000	0.184500	0.180800	0.177800	0.172700	0.188200
2004	0.190100	0.191200	0.190900	0.193800	0.201700	0.198900	0.191400	0.192200	0.188300	0.189500	0.191000	0.198400	0.193100
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.193000	0.189400	0.188200	0.187400	0.188000	0.187600	0.195700	0.198200
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.197700
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.172300
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.168900
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.190500
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.196500
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.195900

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country New Zealand
 Country code NZL
 Currency New Zealand dollar
 Currency code NZD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.859100	0.846100	0.849300	0.837100	0.838900	0.815100	0.823600	0.807700	0.802400	0.807800	0.823000	0.834600	0.828700
2022	0.850300	0.849000	0.869200	0.853200	0.822300	0.813600	0.801700	0.809100	0.789600	0.780300	0.816200	0.864100	0.826700
2021	0.915100	0.919700	0.897000	0.891200	0.876400	0.868100	0.874700	0.879300	0.894700	0.878100	0.881300	0.868500	0.886700
2020	0.863900	0.848900	0.844000	0.844700	0.850900	0.873500	0.890100	0.872500	0.881600	0.877200	0.897700	0.908500	0.871200
2019	0.901700	0.902300	0.913500	0.898500	0.883200	0.877100	0.875000	0.853200	0.840100	0.835600	0.847000	0.868600	0.874700
2018	0.902900	0.919200	0.938400	0.922300	0.895100	0.911100	0.891800	0.869300	0.860000	0.850300	0.895000	0.916300	0.897300
2017	0.940800	0.947200	0.937700	0.936400	0.945500	0.961400	0.933700	0.920200	0.891200	0.887100	0.879400	0.889100	0.922900
2016	0.928500	0.914900	0.892300	0.883300	0.880400	0.907800	0.931000	0.940300	0.958400	0.947700	0.960000	0.938900	0.923300
2015	0.924400	0.931600	0.941100	0.936400	0.898700	0.863700	0.855000	0.860600	0.840900	0.874800	0.870400	0.924000	0.893300
2014	0.905300	0.917100	0.948300	0.945900	0.937000	0.933600	0.932600	0.921400	0.895400	0.883000	0.887400	0.895400	0.917000
2013	0.830400	0.846500	0.848500	0.863600	0.840700	0.814900	0.820200	0.824300	0.844000	0.864700	0.865700	0.875200	0.844800
2012	0.811600	0.832300	0.814700	0.812000	0.782100	0.802400	0.809700	0.803500	0.802000	0.809100	0.816800	0.823200	0.809800
2011	0.760700	0.752500	0.724800	0.755700	0.771600	0.796600	0.810000	0.821600	0.813400	0.806400	0.789500	0.787900	0.782400
2010	0.757900	0.736800	0.719700	0.716000	0.725900	0.718600	0.744600	0.743400	0.752800	0.765400	0.781500	0.758000	0.743000
2009	0.674400	0.642100	0.673800	0.700400	0.693000	0.719200	0.722500	0.736700	0.761900	0.778800	0.772500	0.756000	0.719300
2008	0.781100	0.795900	0.802200	0.800500	0.777800	0.774100	0.764100	0.746400	0.712700	0.717700	0.687900	0.689200	0.754700
2007	0.816800	0.812100	0.817000	0.833600	0.802800	0.806300	0.825500	0.766200	0.737300	0.741200	0.737700	0.771200	0.789200
2006	0.795600	0.773400	0.733800	0.711300	0.700700	0.689100	0.697500	0.710200	0.731100	0.747100	0.760900	0.798900	0.736800
2005	0.864300	0.887300	0.888200	0.891000	0.902700	0.878200	0.829600	0.837900	0.822800	0.822100	0.814700	0.807500	0.854200
2004	0.872400	0.920400	0.878100	0.860200	0.849700	0.853500	0.855500	0.861800	0.849500	0.853400	0.839000	0.870200	0.863600
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.786700	0.810800	0.813300	0.796400	0.796100	0.825800	0.849700	0.813900
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.729100
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.651400
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.678400
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.786800
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.795300
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.917500

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Peru
 Country code PER
 Currency New sol
 Currency code PEN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.350200	0.350300	0.362000	0.358100	0.366500	0.364100	0.367000	0.364900	0.362800	0.356600	0.364000	0.359400	0.360600
2022	0.324900	0.335000	0.338400	0.337900	0.342000	0.341800	0.331200	0.333700	0.342100	0.344200	0.346500	0.354700	0.339400
2021	0.351000	0.348400	0.339100	0.338000	0.321500	0.312700	0.317800	0.308300	0.308500	0.309600	0.312800	0.316200	0.323500
2020	0.393300	0.391700	0.399600	0.413800	0.408600	0.390200	0.384000	0.370900	0.372200	0.367500	0.362300	0.355600	0.384200
2019	0.397800	0.397600	0.404500	0.404900	0.404100	0.399400	0.398200	0.392800	0.394700	0.392600	0.392700	0.392500	0.397700
2018	0.386400	0.387400	0.397800	0.394200	0.393400	0.401300	0.400800	0.396300	0.393600	0.390200	0.391100	0.399400	0.394300
2017	0.395100	0.402000	0.410100	0.413800	0.415800	0.407200	0.390500	0.388900	0.378400	0.387800	0.393900	0.393300	0.398200
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.392600
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.401500
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.389200
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.381400
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.378900
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.359200
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.364600
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.378800
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.364200
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.343200
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.346400
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.367900
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.381200
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.402900
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.446700
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.441600
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.425900
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.439600
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.507100
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.520400

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country French Polynesia
 Country code PYF
 Currency CFP franc
 Currency code XPF

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.012124	0.012059	0.012278	0.012385	0.012306	0.012068	0.012252	0.012324	0.012124	0.012133	0.012423	0.012267	0.012229
2022	0.011982	0.012096	0.011672	0.011451	0.011381	0.011350	0.011050	0.010959	0.011045	0.011298	0.011490	0.012055	0.011486
2021	0.012981	0.012869	0.012537	0.012530	0.012345	0.012336	0.012400	0.012429	0.012496	0.012096	0.012022	0.012123	0.012430
2020	0.012167	0.012149	0.012889	0.012803	0.012778	0.012785	0.012965	0.013127	0.013056	0.013024	0.012981	0.013066	0.012816
2019	0.012737	0.012558	0.012654	0.012596	0.012614	0.012581	0.012309	0.012367	0.012222	0.012219	0.012259	0.012263	0.012448
2018	0.012642	0.012941	0.013285	0.013051	0.012703	0.012797	0.012859	0.012607	0.012717	0.012530	0.012562	0.012811	0.012791
2017	0.011760	0.011700	0.011990	0.012080	0.012600	0.012550	0.012280	0.012480	0.012290	0.012400	0.012550	0.012700	0.012290
2016	0.012940	0.012820	0.012330	0.012190	0.012260	0.012140	0.012090	0.012200	0.012320	0.012230	0.012140	0.011780	0.012290
2015	0.011790	0.011890	0.011440	0.011170	0.011380	0.011630	0.011860	0.012280	0.012480	0.012300	0.011930	0.012500	0.011880
2014	0.012480	0.012660	0.012870	0.012720	0.012540	0.012340	0.012180	0.012190	0.011890	0.011910	0.011840	0.011910	0.012290
2013	0.011060	0.011290	0.011130	0.011120	0.011100	0.011410	0.011400	0.011610	0.011580	0.011850	0.011870	0.012220	0.011460
2012	0.010950	0.011060	0.011000	0.010950	0.010830	0.010800	0.010430	0.010310	0.010560	0.010730	0.010730	0.010870	0.010770
2011	0.011130	0.011300	0.011470	0.011610	0.011640	0.011790	0.011430	0.011810	0.011550	0.011730	0.011640	0.011290	0.011540
2010	0.012470	0.012110	0.011630	0.011300	0.010940	0.010630	0.011190	0.011250	0.011340	0.011860	0.011580	0.011170	0.011450
2009	0.013600	0.013350	0.013820	0.013540	0.013180	0.013230	0.013240	0.013000	0.013210	0.013100	0.013240	0.012890	0.013290
2008	0.012470	0.012350	0.013040	0.013380	0.013030	0.013260	0.013370	0.013190	0.012710	0.013150	0.013010	0.013940	0.013080
2007	0.012800	0.012830	0.012970	0.012850	0.012400	0.011980	0.012080	0.012080	0.011960	0.011630	0.011900	0.012240	0.012310
2006	0.011760	0.011490	0.011670	0.011770	0.011870	0.011820	0.012000	0.012000	0.011900	0.011930	0.012280	0.012760	0.011930
2005	0.013450	0.013520	0.013450	0.013410	0.013350	0.012630	0.012330	0.012410	0.012080	0.011860	0.011670	0.011540	0.012650
2004	0.013710	0.014080	0.013650	0.013480	0.013870	0.013820	0.013590	0.013410	0.013190	0.013070	0.013040	0.013670	0.013550
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.013230	0.013150	0.013040	0.012870	0.012980	0.012890	0.013520	0.013260
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.012430
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.011630
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.011490
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013290
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013860
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013060

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Russian Federation
 Country code RUS
 Currency Russian rouble
 Currency code RUB

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.019210	0.018310	0.017930	0.016600	0.017080	0.015870	0.014570	0.014120	0.014000	0.014190	0.015170	0.014770	0.016000
2022	0.016450	0.016260	0.011880	0.015870	0.019800	0.022400	0.021770	0.021300	0.022240	0.022220	0.022020	0.020570	0.019370
2021	0.017100	0.017060	0.016880	0.016430	0.016390	0.016830	0.016930	0.017120	0.017380	0.017450	0.017230	0.017310	0.017010
2020	0.021120	0.020700	0.018750	0.018710	0.019200	0.019550	0.018860	0.017910	0.017390	0.017020	0.017010	0.017290	0.018630
2019	0.019940	0.020060	0.020510	0.020700	0.020730	0.020740	0.020720	0.020160	0.020430	0.020500	0.020720	0.020930	0.020510
2018	0.021950	0.022140	0.022620	0.020910	0.020630	0.020910	0.020920	0.019600	0.019290	0.019780	0.019860	0.019930	0.020710
2017	0.022070	0.022440	0.023130	0.023780	0.023830	0.022930	0.021250	0.021220	0.021300	0.021840	0.021660	0.021770	0.022280
2016	0.018440	0.017880	0.018870	0.019280	0.019650	0.019840	0.020260	0.020030	0.020360	0.021150	0.020870	0.021530	0.019840
2015	0.018780	0.019450	0.020970	0.023410	0.024050	0.022650	0.022360	0.020010	0.019920	0.020690	0.020420	0.019580	0.021040
2014	0.032350	0.031300	0.030750	0.030800	0.031260	0.031510	0.030890	0.030190	0.028940	0.027370	0.024490	0.020360	0.029210
2013	0.032840	0.033410	0.033250	0.032520	0.032530	0.031880	0.031740	0.031520	0.031790	0.032320	0.032040	0.032370	0.032340
2012	0.032390	0.033490	0.033850	0.033680	0.032680	0.031330	0.031210	0.031040	0.031230	0.031720	0.031790	0.032190	0.032220
2011	0.033000	0.033770	0.034360	0.034160	0.034690	0.034920	0.034220	0.034040	0.032560	0.032680	0.033230	0.032420	0.033690
2010	0.034920	0.035050	0.034600	0.034440	0.034100	0.033210	0.034100	0.034250	0.033540	0.033560	0.032620	0.032670	0.033920
2009	0.038570	0.034770	0.036540	0.036530	0.036050	0.036240	0.035570	0.034320	0.035240	0.035840	0.036580	0.035030	0.035950
2008	0.041310	0.040780	0.042240	0.043100	0.042150	0.043010	0.043360	0.043440	0.041770	0.044680	0.044590	0.043830	0.042850
2007	0.044380	0.044500	0.044760	0.043920	0.042400	0.041110	0.041150	0.041280	0.040540	0.039200	0.039540	0.040820	0.041980
2006	0.040850	0.040740	0.041540	0.041520	0.041020	0.041250	0.041960	0.041790	0.041710	0.042010	0.042730	0.043850	0.041730
2005	0.043810	0.044330	0.044000	0.044470	0.044920	0.043490	0.042600	0.042290	0.041480	0.041230	0.041040	0.040300	0.042840
2004	0.044970	0.046620	0.046560	0.046730	0.047540	0.046760	0.045460	0.044880	0.044070	0.042920	0.041880	0.043670	0.045180
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.044380	0.045510	0.045960	0.044550	0.043880	0.044050	0.044620	0.045640
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.050050
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.053030
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.052750
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.059890
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.185740
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000240

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Saudi Arabia
 Country code SAU
 Currency Riyal
 Currency code SAR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.357400	0.358500	0.364400	0.359500	0.360500	0.354300	0.352300	0.359500	0.360900	0.365700	0.365500	0.358100	0.359700
2022	0.336200	0.338900	0.337400	0.336700	0.342600	0.341500	0.344600	0.343900	0.354200	0.364500	0.357800	0.361500	0.346500
2021	0.339200	0.338600	0.335200	0.333200	0.323300	0.325800	0.334000	0.336100	0.337900	0.331600	0.335100	0.340900	0.334200
2020	0.348800	0.354200	0.371600	0.373900	0.371900	0.361100	0.359900	0.352500	0.352700	0.352300	0.348400	0.341400	0.357500
2019	0.354600	0.352100	0.356500	0.356700	0.358900	0.354300	0.349300	0.354000	0.353000	0.351700	0.353000	0.351200	0.353800
2018	0.331400	0.335600	0.344800	0.339500	0.343300	0.350100	0.350100	0.347700	0.347600	0.346800	0.351900	0.358000	0.345500
2017	0.351800	0.349500	0.356900	0.358400	0.362800	0.354600	0.338300	0.336100	0.327500	0.336100	0.340500	0.340500	0.346300
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Singapore
 Country code SGP
 Currency Singapore dollar
 Currency code SGD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	1.013200	1.009900	1.020600	1.012500	1.009200	0.987100	0.991100	0.998000	0.992400	1.001900	1.017300	1.007700	1.005100
2022	0.934100	0.944200	0.931600	0.924100	0.929500	0.925600	0.927200	0.933300	0.942100	0.962400	0.969900	1.005200	0.943800
2021	0.959600	0.956200	0.936600	0.936800	0.912100	0.916300	0.924300	0.930200	0.940300	0.920700	0.926000	0.938500	0.932900
2020	0.968200	0.955800	0.984500	0.987400	0.985100	0.972300	0.973300	0.965900	0.968400	0.971900	0.970300	0.961100	0.972200
2019	0.980800	0.975500	0.987100	0.986400	0.981900	0.975400	0.962200	0.958700	0.960000	0.962300	0.972100	0.970800	0.972800
2018	0.940500	0.953500	0.983400	0.967600	0.961300	0.973800	0.963400	0.952800	0.950800	0.943200	0.960400	0.980200	0.960700
2017	0.924100	0.926900	0.952700	0.961000	0.975300	0.961100	0.925700	0.926300	0.910000	0.926900	0.942300	0.948400	0.940400
2016	0.992500	0.981700	0.963600	0.949600	0.944800	0.952800	0.965700	0.963900	0.964400	0.956900	0.952000	0.928700	0.959600
2015	0.905600	0.922500	0.916300	0.914500	0.912500	0.918900	0.944800	0.939700	0.937600	0.933400	0.939100	0.973100	0.929800
2014	0.859600	0.873200	0.876400	0.875800	0.870300	0.865600	0.864200	0.875100	0.871200	0.879700	0.873500	0.876800	0.871700
2013	0.807700	0.815500	0.821800	0.822800	0.816600	0.818800	0.820000	0.817900	0.819300	0.833600	0.840600	0.845400	0.823200
2012	0.792600	0.795100	0.789300	0.793700	0.799900	0.804100	0.804500	0.794700	0.795100	0.806700	0.815000	0.810900	0.800100
2011	0.772400	0.773900	0.770100	0.768300	0.781700	0.791600	0.785600	0.812700	0.799700	0.799200	0.795300	0.790200	0.786800
2010	0.746900	0.748100	0.730900	0.727800	0.745900	0.742300	0.757800	0.768200	0.774800	0.781300	0.779500	0.771700	0.756000
2009	0.822000	0.820100	0.826500	0.814700	0.788000	0.775600	0.773900	0.754300	0.760500	0.754600	0.762800	0.755300	0.784200
2008	0.706600	0.708200	0.723900	0.743100	0.731800	0.743200	0.745000	0.749300	0.740000	0.800900	0.807700	0.835000	0.752500
2007	0.764700	0.763500	0.766400	0.748600	0.718900	0.692900	0.692900	0.694800	0.678700	0.665700	0.668500	0.692400	0.712600
2006	0.709300	0.705400	0.713900	0.714600	0.704100	0.699800	0.713100	0.709600	0.706200	0.715300	0.730400	0.748600	0.713900
2005	0.748200	0.756700	0.745800	0.748600	0.760200	0.741400	0.727100	0.724100	0.700000	0.696100	0.695400	0.693400	0.728300
2004	0.763800	0.788200	0.781800	0.796800	0.805400	0.792500	0.772200	0.765400	0.760000	0.743700	0.724700	0.742600	0.769800
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.779500	0.787200	0.796400	0.780700	0.762100	0.759700	0.767400	0.804100
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.877100
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.864300
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.861100
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.876800
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.887900
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.934100

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Sweden
 Country code SWE
 Currency Krona
 Currency code SEK

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.129100	0.128700	0.130500	0.130400	0.129200	0.123400	0.125900	0.124400	0.122100	0.124400	0.128500	0.130800	0.127300
2022	0.137900	0.136900	0.132300	0.132200	0.129400	0.127600	0.124600	0.124400	0.122200	0.123200	0.126000	0.131000	0.128900
2021	0.153400	0.152200	0.147200	0.147200	0.145200	0.145500	0.145200	0.145100	0.146700	0.143600	0.142600	0.140800	0.146200
2020	0.137600	0.137100	0.141900	0.140300	0.143700	0.145600	0.149800	0.151800	0.149500	0.149600	0.151200	0.153200	0.145900
2019	0.147900	0.142700	0.143900	0.143400	0.140300	0.141300	0.139100	0.137600	0.136400	0.135000	0.137400	0.139700	0.140400
2018	0.154500	0.156300	0.157000	0.150600	0.146900	0.149100	0.149000	0.143700	0.145800	0.143900	0.145800	0.148800	0.149200
2017	0.147500	0.147200	0.150100	0.150100	0.154900	0.153200	0.152600	0.156000	0.153300	0.154100	0.152300	0.152100	0.152000
2016	0.166300	0.162700	0.158500	0.158000	0.157500	0.155300	0.152200	0.153500	0.153600	0.150200	0.147100	0.144800	0.155000
2015	0.149300	0.149600	0.147700	0.142800	0.146000	0.149600	0.150700	0.153900	0.158600	0.156900	0.152900	0.161200	0.151600
2014	0.168700	0.170200	0.173200	0.167900	0.165700	0.162000	0.157300	0.158400	0.154400	0.154700	0.152700	0.151200	0.161400
2013	0.153000	0.158400	0.159100	0.157100	0.154500	0.156600	0.157200	0.159300	0.159400	0.161700	0.159300	0.162800	0.158100
2012	0.147800	0.149600	0.147600	0.147400	0.143700	0.145300	0.145900	0.148600	0.148300	0.148600	0.148700	0.150000	0.147600
2011	0.149100	0.153500	0.153800	0.154400	0.155000	0.154400	0.149400	0.153600	0.150800	0.153600	0.152000	0.149300	0.152500
2010	0.145900	0.145400	0.142800	0.139500	0.135000	0.132600	0.140800	0.142400	0.146800	0.152400	0.148400	0.147100	0.143200
2009	0.151100	0.145800	0.147700	0.148800	0.148600	0.145000	0.145800	0.152000	0.154700	0.151600	0.152900	0.147800	0.149300
2008	0.157800	0.157400	0.165300	0.170400	0.166900	0.168700	0.168700	0.167500	0.158400	0.159100	0.153000	0.154000	0.162300
2007	0.168200	0.166700	0.166400	0.166000	0.160800	0.153300	0.156900	0.154500	0.153900	0.151300	0.152900	0.154900	0.158900
2006	0.150800	0.146800	0.148200	0.150600	0.151800	0.152700	0.155400	0.155500	0.153200	0.153800	0.161000	0.168600	0.153900
2005	0.177200	0.177600	0.176500	0.174500	0.173300	0.162700	0.156100	0.158600	0.154300	0.150100	0.145600	0.146000	0.162800
2004	0.179000	0.183100	0.176400	0.175500	0.181400	0.180300	0.176300	0.174300	0.173300	0.172200	0.172900	0.181700	0.177200
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.173200	0.170700	0.168500	0.169600	0.171800	0.171100	0.178900	0.173500
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.161900
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.150000
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.162400
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.179900
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.186500
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.181400

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Thailand
 Country code THA
 Currency Baht
 Currency code THB

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.040372	0.039465	0.039732	0.039396	0.039497	0.038099	0.038169	0.038475	0.037819	0.037567	0.038660	0.038383	0.038803
2022	0.037980	0.039009	0.038078	0.037383	0.037341	0.036666	0.035609	0.036062	0.035956	0.036143	0.036954	0.039078	0.037188
2021	0.042404	0.042283	0.040836	0.039910	0.038795	0.038913	0.038331	0.038063	0.038329	0.037178	0.038014	0.038150	0.039267
2020	0.043007	0.042376	0.043341	0.043068	0.043547	0.043531	0.043011	0.042424	0.042142	0.042258	0.042969	0.042606	0.042857
2019	0.041830	0.042180	0.042120	0.041990	0.042330	0.042720	0.042520	0.043180	0.043320	0.043450	0.043780	0.043610	0.042740
2018	0.038980	0.039970	0.041350	0.040660	0.040280	0.040410	0.039460	0.039510	0.040000	0.039690	0.040060	0.041060	0.040110
2017	0.037230	0.037440	0.038390	0.038990	0.039490	0.039120	0.037630	0.037910	0.037050	0.037940	0.038820	0.039130	0.038270
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.037550
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.037340
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034010
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033560
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032170
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032440
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032500
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033220
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032290
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033230
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.029930
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.030130
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032350
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033720
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.036520
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034810
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.037050
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.039290
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.036380
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.046300

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Taiwan
 Country code TWN
 Currency New Taiwan dollar
 Currency code TWD

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.044180	0.044460	0.044790	0.044100	0.043980	0.043080	0.042340	0.042360	0.042230	0.042460	0.043020	0.042930	0.043340
2022	0.045590	0.045610	0.044530	0.043380	0.043450	0.043260	0.043310	0.042920	0.042630	0.042850	0.042820	0.044310	0.043710
2021	0.045440	0.045430	0.044480	0.044270	0.043470	0.043980	0.044750	0.045230	0.045710	0.044530	0.045190	0.046090	0.044870
2020	0.043560	0.044020	0.046280	0.046730	0.046650	0.045690	0.045880	0.044990	0.045290	0.046030	0.045790	0.045400	0.045530
2019	0.043150	0.042870	0.043320	0.043360	0.043090	0.042500	0.042150	0.042330	0.042610	0.042980	0.043430	0.043510	0.042940
2018	0.042250	0.043030	0.044270	0.043340	0.043090	0.043630	0.042970	0.042460	0.042420	0.042110	0.042840	0.043620	0.042990
2017	0.041680	0.042470	0.043690	0.044240	0.045120	0.043930	0.041740	0.041690	0.040740	0.041650	0.042440	0.042620	0.042690
2016	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.041090
2015	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.040250
2014	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.036440
2013	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034700
2012	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033800
2011	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033650
2010	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032690
2009	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034530
2008	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.033770
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.032710
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.034880
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.037750
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.039030
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000		0.040780
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.045530
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.045880
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.047630
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.046080
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.044330
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.048440

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Tunisia
 Country code TUN
 Currency Tunisian dinar
 Currency code TND

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.433932	0.433738	0.437960	0.440501	0.440926	0.429450	0.431281	0.436404	0.431977	0.432013	0.437580	0.432739	0.434875
2022	0.437925	0.442276	0.429629	0.421130	0.419924	0.418934	0.419846	0.408653	0.412365	0.421223	0.417431	0.427998	0.423111
2021	0.472539	0.469362	0.457569	0.453816	0.445176	0.445661	0.450515	0.453274	0.454130	0.440754	0.440803	0.445067	0.452389
2020	0.465062	0.466791	0.486179	0.485747	0.483669	0.476792	0.480990	0.485376	0.481627	0.480854	0.477649	0.475444	0.478848
2019	0.444370	0.434422	0.442249	0.444250	0.448615	0.452842	0.455794	0.462896	0.462531	0.464174	0.465145	0.464168	0.453455
2018	0.508072	0.523128	0.535920	0.525192	0.509409	0.505234	0.497269	0.474495	0.467496	0.457225	0.450719	0.449377	0.491758
2017	0.573900	0.574000	0.585600	0.571800	0.563650	0.546000	0.523410	0.523890	0.505330	0.509180	0.513320	0.515680	0.543310
2016	0.695600	0.681800	0.653200	0.637400	0.631300	0.598200	0.589000	0.590100	0.595100	0.592100	0.591000	0.576900	0.619100
2015	0.633900	0.647300	0.643100	0.631200	0.629700	0.637400	0.653600	0.672300	0.676900	0.664300	0.652000	0.675700	0.651400
2014	0.666900	0.695200	0.704200	0.691600	0.672800	0.652700	0.626900	0.633800	0.621200	0.622100	0.617500	0.621200	0.652000
2013	0.638500	0.647700	0.647100	0.636600	0.619600	0.632000	0.626300	0.632000	0.626500	0.631800	0.629100	0.640800	0.633800
2012	0.668900	0.663500	0.658500	0.650600	0.640700	0.642700	0.625200	0.616300	0.621600	0.629800	0.629400	0.633600	0.640200
2011	0.692300	0.697700	0.701400	0.700100	0.703800	0.712600	0.692900	0.714900	0.707100	0.716800	0.708100	0.690200	0.703300
2010	0.786500	0.764400	0.734800	0.711800	0.698900	0.685000	0.707200	0.708500	0.708000	0.728900	0.715700	0.697800	0.720200
2009	0.892400	0.867300	0.888600	0.871700	0.839200	0.833900	0.840700	0.822100	0.831400	0.817600	0.823700	0.806600	0.844800
2008	0.831700	0.821800	0.859900	0.875600	0.852000	0.864300	0.868900	0.868900	0.846500	0.895700	0.878100	0.917100	0.865000
2007	0.895500	0.893000	0.895700	0.876200	0.844200	0.816800	0.819500	0.825500	0.811200	0.780800	0.791700	0.817100	0.839200
2006	0.866400	0.846600	0.854000	0.853200	0.844600	0.838300	0.850400	0.846100	0.841000	0.844800	0.863900	0.887700	0.852800
2005	0.995800	1.001700	0.986800	0.987100	0.988800	0.945200	0.918400	0.916300	0.891700	0.878500	0.863700	0.854200	0.936000
2004	1.070400	1.094700	1.066000	1.059400	1.083800	1.075200	1.053000	1.042100	1.018700	0.996200	0.975800	1.005400	1.045200
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.072200	1.074200	1.075200	1.055500	1.045500	1.036700	1.066900	1.088300
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.105800
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.078000
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.085600
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.253500
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.305600
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.258600

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Turkey
 Country code TUR
 Currency Turkish lira
 Currency code TRY

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.071400	0.071400	0.072000	0.069700	0.068400	0.056200	0.049900	0.050100	0.050100	0.049200	0.047800	0.046200	0.058600
2022	0.093000	0.093200	0.086600	0.085800	0.082500	0.075500	0.074000	0.071600	0.072700	0.073700	0.072300	0.072900	0.079400
2021	0.172000	0.178900	0.164000	0.152900	0.144600	0.141700	0.145800	0.148600	0.148100	0.135000	0.117400	0.093900	0.145000
2020	0.220800	0.218900	0.219900	0.204800	0.201600	0.198700	0.196200	0.181300	0.175000	0.166100	0.164100	0.166100	0.193000
2019	0.247900	0.250300	0.244200	0.232300	0.222800	0.228900	0.231300	0.234900	0.232200	0.228000	0.230600	0.225100	0.234000
2018	0.329600	0.332400	0.332600	0.313300	0.291700	0.283600	0.275000	0.220300	0.207000	0.224400	0.246600	0.252400	0.275900
2017	0.351200	0.357700	0.364600	0.368100	0.381600	0.377800	0.356300	0.359600	0.353400	0.342700	0.328000	0.332500	0.356500
2016	0.472100	0.468700	0.458500	0.452400	0.440500	0.442900	0.439500	0.439100	0.441600	0.430500	0.407900	0.381100	0.439700
2015	0.518800	0.507000	0.486500	0.464300	0.460400	0.458100	0.476400	0.460100	0.440000	0.447100	0.461700	0.468900	0.470600
2014	0.492300	0.500900	0.501900	0.517100	0.521200	0.511400	0.506700	0.505400	0.497200	0.498200	0.507300	0.502700	0.505100
2013	0.560300	0.567800	0.566600	0.567100	0.558400	0.542800	0.537900	0.530500	0.512800	0.522200	0.518300	0.515900	0.541900
2012	0.551100	0.567000	0.554900	0.555400	0.558500	0.564300	0.559700	0.551900	0.543300	0.547700	0.556100	0.553600	0.555400
2011	0.634600	0.621300	0.619000	0.629400	0.614500	0.609900	0.576100	0.559100	0.557000	0.557600	0.565000	0.546900	0.591000
2010	0.708100	0.695700	0.666700	0.674000	0.670200	0.657800	0.678500	0.689000	0.692600	0.714500	0.700400	0.662600	0.683700
2009	0.763800	0.748500	0.738300	0.761100	0.739300	0.728300	0.739300	0.730300	0.726000	0.715700	0.709100	0.699200	0.733300
2008	0.860200	0.835500	0.804100	0.780400	0.801100	0.823200	0.837300	0.892300	0.851000	0.799200	0.763300	0.797500	0.820700
2007	0.824400	0.837800	0.829400	0.834300	0.820400	0.807400	0.820900	0.804200	0.815300	0.811700	0.812800	0.850300	0.822100
2006	0.868300	0.867300	0.866200	0.857000	0.776900	0.695400	0.729100	0.761700	0.752500	0.765300	0.779500	0.806000	0.793300
2005	0.904400	0.943300	0.928000	0.907800	0.916600	0.912500	0.913800	0.894300	0.877600	0.867600	0.869200	0.858400	0.899600
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.009136
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.009334
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.010470
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.013557
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.023875
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000004
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000006
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000009

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Venezuela, Bolivarian Republic of _____
 Country code VEN
 Currency Bolivar
 Currency code VEF

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
2022	0.000003	0.000003	0.000003	0.000003	0.000003	0.000002	0.000002	0.000002	0.000002	0.000002	0.000001	0.000001	0.000002
2021										0.000003	0.000003	0.000003	0.000001
2020													
2019													
2018	0.123929	0.026626	0.000033	0.000023	0.000018	0.000016	0.000011	0.000004					0.012577
2017	0.131900	0.131100	0.133900	0.134500	0.135640	0.133460	0.127060	0.124820	0.122970	0.125490	0.125180	0.126770	0.129450
2016	0.225800	0.186900	0.132300	0.128200	0.129400	0.129000	0.130500	0.130000	0.131100	0.132500	0.134400	0.133300	0.143100
2015	0.192300	0.198400	0.200300	0.195700	0.193400	0.196300	0.204200	0.208700	0.210600	0.207500	0.210800	0.217500	0.203000
2014	0.173700	0.175500	0.176300	0.174500	0.172900	0.171900	0.170500	0.173400	0.174800	0.178000	0.179800	0.183100	0.175300
2013	0.231000	0.191500	0.162700	0.161700	0.161900	0.163700	0.165100	0.165200	0.164200	0.164500	0.166500	0.168900	0.172300
2012	0.235900	0.232000	0.231400	0.231100	0.235100	0.239400	0.236100	0.231000	0.227800	0.229900	0.232200	0.230400	0.232800
2011	0.231400	0.230000	0.227400	0.223100	0.225400	0.227400	0.222400	0.228900	0.233500	0.237500	0.238900	0.238400	0.230300
2010	0.330900	0.246100	0.238200	0.234000	0.242100	0.241700	0.242800	0.242500	0.240600	0.237000	0.235800	0.234700	0.246800
2009	0.571100	0.579900	0.588900	0.570000	0.536000	0.524600	0.522600	0.506800	0.503800	0.491200	0.493400	0.491000	0.531800
2008	0.470900	0.465300	0.466600	0.472200	0.465400	0.473500	0.471600	0.491000	0.492800	0.551700	0.567300	0.574900	0.496400
2007	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000501
2006	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000528
2005	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000576
2004	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000693
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.000867
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.001431
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002141
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002185
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002457
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002710
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.002836

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country Viet Nam
 Country code VNM
 Currency Đông
 Currency code VND

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.000057	0.000057	0.000058	0.000057	0.000058	0.000057	0.000056	0.000056	0.000056	0.000056	0.000056	0.000055	0.000057
2022	0.000056	0.000056	0.000055	0.000055	0.000056	0.000055	0.000055	0.000055	0.000056	0.000056	0.000054	0.000057	0.000056
2021	0.000055	0.000055	0.000054	0.000054	0.000053	0.000053	0.000054	0.000055	0.000056	0.000055	0.000055	0.000056	0.000055
2020	0.000056	0.000057	0.000060	0.000060	0.000060	0.000058	0.000058	0.000057	0.000057	0.000057	0.000056	0.000055	0.000058
2019	0.000057	0.000057	0.000058	0.000058	0.000058	0.000057	0.000056	0.000057	0.000057	0.000057	0.000057	0.000057	0.000057
2018	0.000055	0.000055	0.000057	0.000056	0.000057	0.000057	0.000057	0.000056	0.000056	0.000056	0.000057	0.000058	0.000056
2017	0.000058	0.000058	0.000059	0.000059	0.000060	0.000058	0.000056	0.000055	0.000054	0.000055	0.000056	0.000056	0.000057
2016	0.000064	0.000062	0.000059	0.000058	0.000058	0.000058	0.000058	0.000058	0.000059	0.000059	0.000060	0.000059	0.000059
2015	0.000057	0.000059	0.000059	0.000057	0.000056	0.000057	0.000059	0.000059	0.000059	0.000059	0.000059	0.000061	0.000058
2014	0.000052	0.000052	0.000053	0.000052	0.000052	0.000051	0.000051	0.000052	0.000052	0.000053	0.000053	0.000054	0.000052
2013	0.000047	0.000048	0.000049	0.000049	0.000049	0.000049	0.000049	0.000049	0.000049	0.000049	0.000050	0.000050	0.000049
2012	0.000048	0.000048	0.000048	0.000048	0.000048	0.000049	0.000049	0.000048	0.000047	0.000047	0.000048	0.000047	0.000048
2011	0.000051	0.000049	0.000047	0.000046	0.000047	0.000048	0.000047	0.000047	0.000048	0.000049	0.000049	0.000049	0.000048
2010	0.000057	0.000057	0.000054	0.000053	0.000055	0.000055	0.000055	0.000054	0.000053	0.000052	0.000052	0.000052	0.000054
2009	0.000070	0.000071	0.000072	0.000069	0.000065	0.000063	0.000063	0.000061	0.000061	0.000059	0.000059	0.000057	0.000064
2008	0.000063	0.000063	0.000063	0.000063	0.000062	0.000062	0.000060	0.000064	0.000064	0.000071	0.000072	0.000072	0.000065
2007	0.000073	0.000073	0.000073	0.000071	0.000068	0.000066	0.000065	0.000065	0.000063	0.000061	0.000060	0.000063	0.000067
2006	0.000073	0.000072	0.000073	0.000072	0.000069	0.000070	0.000071	0.000070	0.000070	0.000070	0.000071	0.000072	0.000071
2005	0.000078	0.000079	0.000077	0.000078	0.000079	0.000078	0.000077	0.000076	0.000074	0.000074	0.000074	0.000073	0.000076
2004	0.000083	0.000084	0.000084	0.000085	0.000088	0.000086	0.000084	0.000083	0.000082	0.000079	0.000076	0.000077	0.000083
2003	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Foreign Exchange Rates Worksheet

CCH IFIRM TAX 2023

* The above amounts correspond to the value in Canadian dollars of one unit of the foreign currency.

* Source: Bank of Canada (www.bankofcanada.ca)

History of monthly and annual averages*

Country South Africa
 Country code ZAF
 Currency Rand
 Currency code ZAR

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average annual
2023	0.078480	0.075150	0.074910	0.074140	0.071030	0.070990	0.072860	0.071820	0.071340	0.072120	0.073970	0.072070	0.073230
2022	0.081590	0.083510	0.084600	0.083940	0.080820	0.080980	0.076710	0.077340	0.075750	0.075610	0.077000	0.078620	0.079740
2021	0.084070	0.085870	0.083970	0.086760	0.086330	0.087810	0.086200	0.085240	0.087000	0.083750	0.080840	0.080470	0.084850
2020	0.090730	0.088390	0.083770	0.075670	0.077030	0.079120	0.080620	0.076700	0.079060	0.080380	0.084170	0.086000	0.081810
2019	0.096220	0.095620	0.092940	0.094540	0.093300	0.091150	0.093340	0.087480	0.089290	0.088430	0.089510	0.091330	0.091940
2018	0.101900	0.106400	0.109200	0.105200	0.102700	0.098630	0.098250	0.092390	0.088380	0.089760	0.093860	0.094330	0.098440
2017	0.097310	0.099370	0.103580	0.099900	0.102620	0.103090	0.096510	0.095280	0.093240	0.091990	0.090970	0.097300	0.097670
2016	0.086990	0.087530	0.085990	0.087830	0.084440	0.085660	0.090660	0.094360	0.093470	0.095130	0.096510	0.096310	0.090370
2015	0.104800	0.108000	0.104400	0.102900	0.101700	0.100600	0.103200	0.101800	0.097260	0.096870	0.093830	0.091440	0.100500
2014	0.100500	0.100900	0.103400	0.104300	0.104600	0.101400	0.100700	0.102500	0.100200	0.101400	0.102200	0.100300	0.101800
2013	0.112700	0.113700	0.111500	0.111900	0.109100	0.103100	0.104900	0.103200	0.103800	0.104700	0.102800	0.102600	0.107000
2012	0.126500	0.130400	0.130600	0.126700	0.123900	0.122600	0.122900	0.120000	0.118500	0.114200	0.113200	0.114900	0.122100
2011	0.143200	0.137500	0.141500	0.142500	0.141300	0.143900	0.140700	0.138400	0.132500	0.128200	0.125600	0.124900	0.136800
2010	0.139800	0.137700	0.138000	0.136700	0.136000	0.135800	0.138600	0.142800	0.145200	0.147300	0.145100	0.147700	0.140900
2009	0.123600	0.124700	0.127100	0.136600	0.137600	0.140200	0.140900	0.136800	0.144100	0.140800	0.141000	0.140800	0.136200
2008	0.144300	0.130500	0.125400	0.130600	0.131100	0.128100	0.133200	0.137200	0.131000	0.121600	0.120500	0.124200	0.129900
2007	0.163500	0.163100	0.158900	0.159700	0.156000	0.148900	0.150600	0.146500	0.144400	0.144300	0.144200	0.146800	0.152300
2006	0.190500	0.187900	0.185300	0.188100	0.176000	0.159800	0.159700	0.160800	0.149900	0.147900	0.156800	0.163900	0.168900
2005	0.204500	0.206500	0.201800	0.200900	0.198300	0.183800	0.182500	0.186400	0.184900	0.178700	0.177500	0.182800	0.190700
2004	0.186800	0.197200	0.201100	0.204100	0.203300	0.211800	0.215900	0.203100	0.197300	0.195600	0.198400	0.212200	0.202300
2003	1.000000	1.000000	1.000000	1.000000	1.000000	0.172100	0.183200	0.189200	0.186800	0.190100	0.196100	0.201400	0.186100
2002	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.150100
2001	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.182300
2000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.214800
1999	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.243000
1998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.269700
1997	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.300700