

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2020)
(Date of Release : 08/04/2020)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.299	-0.029	0.092	-0.313	-0.021	0.243	-0.069	-0.113	0.126	0.008	.	0.170	0.104	-0.020
	b	0.139	0.091	0.099	0.131	0.126	0.127	0.097	0.111	0.143	0.094	.	0.106	0.090	0.144
Germany and Austria	a	-8.217	-6.297	-7.619	-7.746	-6.738	-7.761	-6.652	-8.142	-7.740	-7.498	-6.047	-7.248	-5.886	-8.581
	b	0.079	0.062	0.075	0.076	0.067	0.079	0.064	0.079	0.075	0.071	0.059	0.070	0.056	0.085
Italy	a	-6.379	-3.697	-4.418	-4.003	-4.535	-3.887	-4.725	-4.829	-4.858	-4.596	-5.829	-6.744	-5.668	-4.834
	b	0.060	0.036	0.044	0.039	0.043	0.040	0.042	0.043	0.045	0.043	0.056	0.062	0.052	0.049
Netherland	a	-20.78	-17.95	-16.95	-20.70	-19.63	-16.72	-19.96	-21.31	-22.36	-18.29	.	-17.23	-14.13	-18.52
	b	0.214	0.179	0.180	0.202	0.221	0.178	0.174	0.186	0.235	0.195	.	0.194	0.159	0.179
Slovenia	a	-6.570	-3.566	-3.158	-4.032	-3.914	-3.496	-4.285	-3.726	-4.976	-3.255	-4.317	-5.303	-5.129	-4.284
	b	0.053	0.035	0.028	0.041	0.033	0.038	0.036	0.032	0.042	0.026	0.035	0.042	0.041	0.049
Switzerland	a	-7.170	-7.739	-7.904	-8.420	-6.775	-7.012	-5.488	-7.521	-7.638	-7.197	-5.889	-7.422	-6.645	-6.607
	b	0.073	0.080	0.080	0.082	0.071	0.073	0.054	0.076	0.078	0.071	0.058	0.074	0.067	0.062
United Kingdom	a	0.154	0.016	0.182	-0.099	-0.041	-0.038	-0.115	.	-0.053	-0.089	.	0.098	.	-0.099
	b	1.145	0.537	0.476	0.460	0.645	0.748	0.813	.	0.523	0.256	.	0.530	.	0.624
United States of America	a	0.463	0.201	0.402	-0.469	0.099	0.229	0.063	-0.009	0.235	0.054	.	0.298	0.300	-0.048
	b	0.529	1.027	1.009	0.687	0.893	1.142	1.031	1.111	0.766	0.768	.	0.783	0.770	0.511

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2020)
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Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	0.278	0.044	0.424	-9.440	0.169	.	.	.	0.085	0.353	0.245	-0.013	-0.021	-0.241	.
	b	0.124	0.134	0.092	0.092	0.113	.	.	.	0.186	0.136	0.101	0.136	0.126	0.119	.
Germany and Austria	a	-8.394	-7.910	.	-6.180	-7.648	-6.290	-8.178	-7.792	-10.18	-7.418	-7.455	-7.156	-6.738	-6.799	-6.067
	b	0.083	0.076	.	0.063	0.076	0.061	0.078	0.077	0.102	0.075	0.072	0.070	0.067	0.068	0.061
Italy	a	-3.878	-4.566	.	-4.550	-3.839	-3.112	-4.311	-4.776	-4.879	-4.547	-4.719	-5.683	-4.535	-2.967	-3.811
	b	0.036	0.042	.	0.043	0.035	0.031	0.040	0.045	0.049	0.044	0.045	0.053	0.043	0.029	0.036
Netherland	a	-17.64	-18.51	-14.68	-13.40	-17.05	.	.	.	.	.	.	.	-19.63	.	.
	b	0.179	0.193	0.161	0.140	0.179	.	.	.	.	.	.	.	0.221	.	.
Slovenia	a	-5.905	-5.969	.	-3.150	-4.411	-3.208	-5.838	-3.891	-5.138	-4.709	-4.063	-3.530	-3.914	-2.456	-3.693
	b	0.049	0.049	.	0.030	0.035	0.028	0.049	0.032	0.051	0.041	0.032	0.029	0.033	0.023	0.041
Swizerland	a	-6.486	-6.270	6.398	-5.160	-6.605	-7.557	-5.502	-7.723	-9.575	-8.674	-6.125	-5.220	-6.775	-8.059	-5.841
	b	0.067	0.063	-0.065	0.051	0.067	0.075	0.056	0.078	0.102	0.087	0.063	0.054	0.071	0.079	0.057
United Kingdom	a	0.219	.	0.142	.	-0.212	.	.	.	.	.	.	.	-0.041	.	.
	b	0.595	.	0.959	.	0.614	.	.	.	.	.	.	.	0.645	.	.
United States of America	a	0.340	0.190	0.496	.	0.301	.	.	0.109	.	.	0.400	-0.031	0.099	-0.565	.
	b	0.609	0.637	0.613	.	0.624	.	.	0.863	.	.	0.495	0.974	0.893	0.693	.

Brown Swiss
Conversion equations from France to foreign countries 1/2 (Base 2020)
(Date of Release : 08/04/2020)

Country of Conversion	Factor	ang	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	-4.419	-2.297	0.051	-1.544	2.365	0.079	-1.725	-0.326	0.313	-1.079	-0.525	.	-2.355	-1.838	0.219
	b	8.391	6.869	8.171	5.675	7.142	7.306	6.586	5.285	5.935	6.194	7.574	.	7.006	7.870	6.195
Germany and Austria	a	.	103.02	99.675	101.03	101.54	98.838	98.787	100.28	100.92	101.40	104.40	101.16	102.80	102.40	100.71
	b	.	11.881	9.406	11.576	12.150	12.909	11.251	6.594	8.848	11.165	11.079	11.097	10.879	10.345	11.267
Italy	a	.	105.17	101.49	99.224	103.18	105.10	97.432	111.48	110.05	107.92	107.66	103.80	108.83	106.41	99.264
	b	.	15.146	20.906	18.627	23.600	18.772	21.346	15.711	16.686	20.629	18.039	10.847	12.271	12.767	18.777
Netherland	a	91.294	97.315	100.13	93.947	102.56	88.935	94.467	113.93	114.39	95.288	93.958	.	88.787	88.888	103.62
	b	3.203	4.370	4.116	4.119	4.544	3.976	4.579	4.084	3.806	3.752	4.253	.	3.733	3.963	4.707
Slovenia	a	.	122.70	97.253	105.70	98.865	115.97	94.454	113.89	115.24	117.52	120.94	122.07	124.57	121.71	88.888
	b	.	16.330	21.048	22.405	20.813	26.887	19.170	15.602	21.968	19.582	18.562	17.630	16.402	15.456	16.820
Swizerland	a	96.211	99.062	97.394	98.602	101.58	96.265	95.418	100.03	99.131	97.389	101.72	101.34	97.562	98.656	106.42
	b	-6.086	13.086	9.731	10.070	11.280	9.344	11.234	7.538	8.724	11.370	12.478	8.786	10.278	11.785	14.514
United Kingdom	a	-0.096	-0.138	-0.085	-0.531	0.192	0.030	0.082	0.023	.	0.068	0.307	.	-0.245	.	0.177
	b	0.640	0.822	1.259	1.416	2.072	1.357	1.122	1.011	.	1.737	2.981	.	1.401	.	1.404
United States of America	a	-0.727	-0.911	-0.165	-0.318	0.657	-0.175	-0.182	-0.078	-0.069	-0.341	0.007	.	-0.520	-0.458	0.055
	b	0.953	1.751	0.922	0.815	1.398	0.888	0.732	0.676	0.651	1.196	1.011	.	1.003	0.942	1.736

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Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.385	-0.535	-4.419	102.09	-1.617	.	.	.	-0.457	-2.539	-2.969	-0.074	0.079	1.841	.
	b	7.545	6.817	8.391	9.487	7.169	.	.	.	5.007	6.165	6.810	5.791	7.306	6.129	.
Germany and Austria	a	100.70	103.87	.	97.983	99.649	102.65	104.39	100.57	99.258	99.021	102.95	99.074	98.838	100.02	98.946
	b	11.078	12.156	.	11.323	11.641	11.862	11.451	11.556	8.295	11.047	12.210	11.500	12.909	12.330	13.873
Italy	a	106.33	107.02	.	103.69	106.72	100.05	108.36	106.16	99.662	105.28	102.77	106.97	105.10	101.88	104.36
	b	20.782	20.450	.	19.326	20.820	22.961	19.818	18.638	17.247	18.148	18.812	15.414	18.772	24.793	24.973
Netherland	a	98.801	95.623	91.294	95.327	95.322	.	.	.	.	.	.	.	88.935	.	.
	b	5.183	4.870	3.203	6.300	4.654	.	.	.	.	.	.	.	3.976	.	.
Slovenia	a	118.84	119.90	.	105.51	124.39	111.85	119.86	118.17	99.575	113.90	120.14	110.72	115.97	104.75	88.714
	b	17.788	16.732	.	25.457	20.876	21.013	16.991	23.112	16.540	20.255	21.577	18.162	26.887	31.918	20.420
Swizerland	a	95.847	98.460	96.211	102.25	97.091	99.702	97.887	100.06	93.095	98.041	95.957	94.969	96.265	101.48	101.30
	b	13.956	14.933	-6.086	17.516	12.122	10.841	15.933	11.140	8.937	9.937	12.000	15.149	9.344	9.608	15.651
United Kingdom	a	-0.413	.	-0.096	.	0.335	.	.	.	.	.	.	.	0.030	.	.
	b	1.370	.	0.640	.	1.309	.	.	.	.	.	.	.	1.357	.	.
United States of America	a	-0.519	-0.395	-0.727	.	-0.575	.	.	-0.291	.	.	-0.825	-0.203	-0.175	0.703	.
	b	1.272	1.298	0.953	.	1.310	.	.	0.684	.	.	1.664	0.608	0.888	0.951	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2020)
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Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-0.861	-0.064	-0.002	-0.241	-0.389	-0.149	0.195	-0.268	-0.278	-0.395	-0.886	-0.279	-0.675	-0.207	-0.157	-0.092	.	0.310
	b	1.559	1.268	1.103	1.851	1.383	1.645	2.681	2.380	1.930	1.835	1.786	1.885	1.777	1.610	1.913	1.403	.	-3.652
Canada	a	0.432	-0.022	0.191	0.154	0.569	-0.233	-0.062	0.112	0.174	0.343	0.618	0.597	0.740	0.267	0.344	-0.323	0.222	-13.84
	b	0.185	0.154	0.124	0.185	0.128	0.171	0.151	0.124	0.142	0.148	0.211	0.165	0.175	0.177	0.172	0.197	0.134	0.140
Czech Republic	a	-7.750	-6.625	-5.271	-7.213	-5.670	-7.347	-6.005	-5.542	-5.325	-5.761	-8.015	-6.979	-6.464	-7.288	-6.378	-6.773	-3.432	.
	b	0.077	0.063	0.049	0.069	0.055	0.070	0.060	0.056	0.054	0.058	0.083	0.071	0.065	0.075	0.066	0.065	0.037	.
Denmark, Finland and Sweden	a	-10.14	-8.724	-8.302	-9.469	-8.931	-9.141	-6.759	-5.705	-7.260	-9.127	-8.849	-8.363	-8.903	-9.516	-9.484	-9.274	-6.087	-6.950
	b	0.095	0.078	0.071	0.087	0.084	0.089	0.071	0.056	0.072	0.085	0.091	0.084	0.087	0.096	0.091	0.091	0.059	0.072
Estonia	a	-9.979	-6.178	-6.618	-8.361	-4.875	-6.773	-6.069	-5.316	-5.136	-6.590	-9.915	-7.310	-8.501	-8.153	-7.992	-7.048	-3.883	.
	b	0.092	0.057	0.061	0.078	0.045	0.066	0.062	0.052	0.051	0.062	0.092	0.069	0.079	0.078	0.076	0.069	0.038	.
Germany and Austria	a	-8.048	-8.219	-8.158	-9.743	-6.359	-8.691	-7.922	-7.302	-8.187	-7.126	-8.124	-7.539	-7.390	-7.123	-7.117	-7.374	-7.516	-8.590
	b	0.078	0.078	0.078	0.094	0.064	0.085	0.078	0.074	0.084	0.071	0.083	0.078	0.076	0.072	0.071	0.073	0.078	0.087
Germany and Austria (Red Hol)	a	-8.399	-8.258	-8.361	-9.724	-6.646	-8.571	-7.953	-7.332	-8.204	-7.485	-8.248	-7.609	-7.741	-7.395	-7.449	-7.498	-7.555	-8.739
	b	0.078	0.078	0.078	0.094	0.064	0.085	0.078	0.074	0.084	0.071	0.083	0.078	0.076	0.072	0.071	0.073	0.078	0.087
Hungary	a	-0.893	-0.460	-0.360	-0.515	-0.271	-0.288	-0.146	0.073	0.023	-0.127	-0.464	-0.091	-0.488	-0.151	-0.075	0.004	0.023	.
	b	1.100	0.972	0.905	1.053	0.808	1.023	0.936	0.857	0.847	1.005	1.048	0.888	1.014	1.015	0.996	0.899	0.572	.
Ireland	a	-1.555	-0.655	-0.859	-0.884	-1.221	-0.425	0.377	-0.386	-0.323	-1.120	-1.215	-0.748	-1.238	-0.739	-0.689	-0.062	-0.484	.
	b	1.360	0.599	0.756	0.538	1.155	0.597	0.562	0.485	0.370	0.771	0.825	0.696	0.847	0.755	0.761	0.580	0.464	.
Italy	a	-0.304	-0.285	-0.161	-0.240	-0.030	-0.191	-0.066	-0.007	-0.026	0.028	-0.165	-0.014	-0.049	-0.067	0.069	-0.181	-0.000	-14.84
	b	0.858	0.760	0.780	0.715	0.607	0.687	0.628	0.461	0.478	0.620	0.799	0.597	0.688	0.739	0.705	0.675	0.428	0.149
Japan	a	-0.504	-0.406	-0.196	-0.369	-0.063	-0.202	0.059	0.001	-0.007	-0.056	-0.529	-0.186	-0.276	-0.137	0.029	-0.122	.	-49.93
	b	0.826	0.688	0.724	0.778	0.543	0.707	0.532	0.435	0.451	0.572	0.832	0.615	0.693	0.731	0.684	0.698	.	0.502
Netherland (MRY)	a	-28.04	-17.78	-21.53	-21.97	-18.75	-18.06	-17.56	-16.09	-22.02	-24.84	-25.65	-21.87	-25.43	-21.67	-22.00	-18.98	-19.63	-20.21
	b	0.246	0.189	0.195	0.215	0.157	0.199	0.170	0.168	0.226	0.225	0.233	0.199	0.216	0.202	0.202	0.192	0.201	0.206

Prim Holstein
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Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Netherland (Red Hol)	a	-25.57	-19.11	-20.17	-22.19	-16.55	-19.45	-17.39	-16.59	-22.02	-23.27	-23.79	-20.08	-22.19	-20.05	-20.78	-19.75	-19.42	-20.83
	b	0.246	0.189	0.195	0.215	0.157	0.199	0.170	0.168	0.226	0.225	0.233	0.199	0.216	0.202	0.202	0.192	0.201	0.206
Netherland and Flemish	a	-25.08	-19.11	-19.98	-21.97	-16.24	-19.65	-17.22	-16.59	-22.02	-22.82	-23.55	-19.88	-21.76	-20.05	-20.38	-19.36	-19.42	-20.62
	b	0.246	0.189	0.195	0.215	0.157	0.199	0.170	0.168	0.226	0.225	0.233	0.199	0.216	0.202	0.202	0.192	0.201	0.206
New-Zealand	a	-5.145	-1.002	-1.661	-2.624	.	-0.519	1.374	.	.	-2.164	.	-1.556	-2.460	-1.606	-1.948	.	.	0.340
	b	2.199	1.936	1.887	3.028	.	2.990	4.515	.	.	1.741	.	2.173	2.300	3.279	2.192	.	.	2.756
Poland	a	-10.66	-8.495	-7.311	-9.549	-7.709	-9.297	-7.995	-5.920	-6.480	-7.574	-9.946	-8.502	-8.937	-8.360	-8.863	-8.882	.	.
	b	0.101	0.082	0.069	0.092	0.074	0.090	0.081	0.059	0.065	0.073	0.096	0.083	0.086	0.083	0.087	0.087	.	.
Portugal	a	-1.184	-0.241	-0.061	-0.617	-0.744	-0.069	-0.210	-0.310	-0.105	-0.474	-0.716	-0.555	-1.041	-0.581	-0.480	-0.093	-0.164	.
	b	0.795	0.465	0.411	0.570	0.634	0.568	0.355	0.355	0.339	0.441	0.567	0.489	0.688	0.619	0.597	0.486	0.243	.
Rep. of South Africa	a	-0.704	-0.307	-0.293	-0.302	-0.253	-0.184	0.089	-0.115	0.023	-0.108	-0.293	0.014	-0.304	0.047	0.028	-0.185	.	.
	b	1.332	1.215	0.931	1.038	0.948	1.156	1.075	1.003	0.933	0.964	1.111	1.041	1.017	1.228	1.660	1.119	.	.
Slovenia	a	-8.217	-4.684	-5.423	-5.315	-3.907	-5.835	-3.770	-3.188	-3.852	-4.651	-7.884	-5.338	-7.348	-6.963	-7.509	-5.277	-3.101	-4.280
	b	0.064	0.041	0.045	0.046	0.029	0.056	0.040	0.030	0.036	0.037	0.066	0.044	0.058	0.059	0.064	0.054	0.025	0.041
Spain	a	-0.582	-0.161	0.070	-0.239	-0.174	-0.187	-0.231	-0.083	0.044	-0.441	-0.494	-0.324	-0.363	-0.246	-0.220	-0.063	-0.207	.
	b	1.186	0.907	0.904	1.046	1.039	0.910	0.793	0.876	0.897	1.047	1.032	1.007	1.191	1.034	1.128	0.875	0.916	.
Swizerland	a	-9.954	-9.197	-9.051	-9.339	-7.491	-9.168	-8.157	-6.309	-7.892	-8.097	-9.165	-7.348	-9.306	-9.175	-9.001	-8.578	-6.724	-8.190
	b	0.095	0.090	0.087	0.092	0.073	0.090	0.083	0.063	0.078	0.078	0.094	0.078	0.093	0.090	0.087	0.082	0.067	0.084
United Kingdom	a	0.062	-0.353	-0.138	-0.024	0.163	-0.257	-0.040	0.021	0.189	0.189	0.360	0.411	0.274	0.150	0.189	-0.269	0.270	0.290
	b	0.924	0.579	0.721	0.762	0.681	0.752	0.648	0.653	0.359	0.694	0.910	0.720	0.747	0.717	0.707	0.746	0.571	4.804
United States of America	a	0.046	-0.166	-0.113	0.021	0.163	-0.377	0.036	0.153	0.254	0.243	0.589	0.591	0.593	0.383	0.311	-0.402	0.264	.
	b	0.818	0.845	0.847	0.749	0.619	0.717	0.583	0.556	0.515	0.679	0.781	0.588	0.620	0.674	0.651	0.711	0.585	.
Walloon part of Belgium	a	-0.413	-0.219	-0.144	-0.185	-0.190	-0.112	-0.076	0.062	0.154	-0.229	-0.417	-0.134	-0.347	-0.258	-0.254	-0.136	0.144	.
	b	0.959	0.616	0.725	0.740	0.749	0.641	0.534	0.400	0.506	0.654	0.750	0.617	0.717	0.785	0.736	0.652	0.430	.