

Brown Swiss
Conversion equations from foreign countries to France (Base 2021)
 (Date of release : 07/04/2021)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-210.0	-10.10	-9.000	.
	b	1.230	1.250	1.140	.
Canada	a	-105.0	-4.500	-6.000	-14.69
	b	0.850	0.810	0.700	0.146
Germany and Austria	a	86.000	6.300	2.800	-8.180
	b	1.160	1.340	1.160	0.082
Italy	a	-506.0	-17.50	-16.10	-6.190
	b	0.860	0.980	0.780	0.059
Netherland	a	1051.0	35.000	27.800	-23.49
	b	0.820	0.860	0.760	0.237
New-Zealand	a	10.000	19.800	1.300	-0.980
	b	1.230	1.120	1.000	-2.588
Slovenia	a	-7016	-274.7	-222.2	-9.340
	b	60.650	2.350	1.890	0.089
Switzerland	a	-258.0	-11.80	-9.500	-9.170
	b	1.080	1.130	1.000	0.092
United Kingdom	a	-147.0	-6.800	-6.200	0.020
	b	2.000	2.290	2.140	-0.082
United States of America	a	-62.00	-3.000	-5.700	13.310
	b	0.880	1.030	0.950	-4.482

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	166.19	7.134	7.480	.
	b	0.463	0.424	0.395	.
Canada	a	99.954	4.588	7.024	100.67
	b	0.941	0.949	0.995	5.869
Germany and Austria	a	-107.1	-5.776	-3.372	99.142
	b	0.622	0.593	0.608	11.329
Italy	a	492.84	13.984	17.523	105.87
	b	0.827	0.770	0.890	14.010
Netherland	a	-1281	-40.93	-36.40	99.496
	b	0.870	0.852	0.872	3.634
New-Zealand	a	-9.010	-18.58	-1.772	-0.382
	b	0.437	0.470	0.386	-0.265
Slovenia	a	114.13	113.84	115.21	105.05
	b	0.011	0.278	0.317	8.231
Switzerland	a	166.13	7.726	5.928	100.67
	b	0.729	0.738	0.730	9.710
United Kingdom	a	56.680	2.614	2.345	0.045
	b	0.394	0.369	0.348	-11.38
United States of America	a	42.718	1.191	4.103	2.948
	b	0.924	0.813	0.837	-0.178

Holstein**Conversion equations from foreign countries to France (Base 2021)***(Date of release : 07/04/2021)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-723.0	-16.90	-24.90	-0.980
	b	1.300	1.450	1.240	-3.723
Canada	a	-105.0	-0.600	-9.700	-19.42
	b	0.740	0.760	0.710	0.194
Croatia	a	-4799	-184.4	-134.5	-8.950
	b	42.800	1.700	1.180	0.085
Czech Republic	a	-116.0	-2.900	-6.300	-7.070
	b	0.820	1.090	0.940	0.069
Denmark, Finland and Sweden	a	-5558	-218.0	-155.9	-9.500
	b	54.500	2.260	1.580	0.099
Estonia	a	-428.0	-6.700	-14.60	-5.550
	b	1.080	1.130	1.020	0.054
Germany and Austria	a	-20.00	3.200	-2.200	-8.400
	b	0.910	0.950	0.880	0.085
Germany and Austria (Red Hol)	a	-404.0	-6.015	-10.38	.
	b	0.910	0.950	0.880	.
Hungary	a	31.000	-0.400	-5.500	0.020
	b	0.730	0.750	0.650	-0.778
Ireland	a	-1577	-41.20	-45.30	-0.530
	b	3.510	3.240	2.890	-8.706
Israel	a	-139.0	12.600	-2.300	-0.030
	b	1.410	1.410	1.470	-4.077
Italy	a	-99.00	-4.900	-8.800	-18.76
	b	0.890	0.920	0.810	0.187
Japan	a	109.00	-2.600	-6.200	4.580
	b	0.960	1.010	0.960	-2.509
Latvia	a	-422.0	-9.400	-14.00	-0.890
	b	1.240	1.140	1.220	-2.232
Lituania	a	-1974	-49.40	-60.70	-0.430
	b	1.410	1.110	1.400	-2.752
Netherland (MRY)	a	-1771	-47.54	-37.80	-21.97
	b	0.840	0.870	0.800	0.222
Netherland (Red Hol)	a	-667.3	-0.560	-8.200	-22.19
	b	0.840	0.870	0.800	0.222
Netherland and Flemish	a	-186.0	6.400	1.400	-22.19
	b	0.840	0.870	0.800	0.222
New-Zealand	a	-2282	-35.40	-54.10	-0.770
	b	1.560	1.400	1.310	-2.644

Holstein**Conversion equations from foreign countries to France (Base 2021)***(Date of release : 07/04/2021)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	a	-296.0	-6.300	-11.00	-10.11
	b	1.370	1.380	1.380	0.100
Portugal	a	-82.00	-8.800	-10.50	-0.140
	b	0.940	1.170	1.010	-2.388
Rep. of South Africa	a	-310.0	-8.400	-14.40	-0.120
	b	0.990	1.070	0.950	-0.042
Slovak Republic	a	-444.0	-12.00	-17.40	7.240
	b	1.370	1.380	1.330	-2.598
Slovenia	a	-6002	-239.2	-182.4	-10.89
	b	52.270	2.120	1.540	0.102
Spain	a	-291.0	-17.90	-18.20	-10.35
	b	1.090	1.140	1.060	0.099
Swizerland	a	-910.0	-18.90	-26.70	-9.440
	b	1.000	0.960	0.930	0.093
United Kingdom	a	-400.0	-5.800	-14.90	-0.150
	b	1.930	2.140	2.040	-0.083
United States of America	a	104.00	5.800	-2.800	15.300
	b	0.810	0.910	0.890	-5.106
Walloon part of Belgium	a	-638.0	-19.00	-19.40	6.290
	b	1.080	1.080	0.950	-2.169

Holstein**Conversion equations from France to foreign countries (Base 2021)***(Date of Release : 07/04/2021)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	345.12	3.136	9.630	-0.258
	b	0.508	0.418	0.411	-0.197
Canada	a	169.11	0.666	13.944	99.843
	b	1.137	1.120	1.135	4.528
Croatia	a	110.18	108.22	111.00	104.74
	b	0.014	0.340	0.467	8.423
Czech Republic	a	115.18	1.632	4.786	101.30
	b	0.878	0.668	0.697	10.962
Denmark, Finland and Sweden	a	99.810	94.322	95.770	96.095
	b	0.015	0.369	0.521	9.631
Estonia	a	303.39	3.000	9.686	101.27
	b	0.739	0.748	0.774	15.739
Germany and Austria	a	0.690	-4.510	0.867	98.287
	b	0.920	0.876	0.917	10.859
Germany and Austria (Red Hol)	a	389.06	3.983	9.392	.
	b	0.920	0.876	0.917	.
Hungary	a	-97.70	-2.470	3.789	0.167
	b	0.973	1.013	1.153	-1.106
Ireland	a	364.21	6.935	9.484	-0.063
	b	0.258	0.227	0.265	-0.075
Israel	a	-226.5	-15.94	-7.079	-0.005
	b	0.494	0.470	0.473	-0.187
Italy	a	59.425	3.505	7.393	100.31
	b	0.841	0.893	0.941	4.702
Japan	a	-136.2	1.139	4.778	1.875
	b	0.868	0.809	0.840	-0.308
Latvia	a	207.23	6.753	9.792	-0.277
	b	0.615	0.622	0.642	-0.369
Lituania	a	865.67	22.535	26.179	-0.090
	b	0.455	0.485	0.479	-0.270
Netherland (MRY)	a	1954.6	46.186	43.579	95.848
	b	0.952	0.896	0.977	3.900
Netherland (Red Hol)	a	703.13	-2.182	7.448	99.748
	b	0.952	0.896	0.977	3.900
Netherland and Flemish	a	157.41	-9.348	-4.270	99.748
	b	0.952	0.896	0.977	3.900
New-Zealand	a	1097.4	5.810	20.622	-0.313
	b	0.437	0.385	0.380	-0.266

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	a	188.22	2.471	5.701	100.46
	b	0.601	0.612	0.590	8.906
Portugal	a	61.749	6.922	9.869	-0.039
	b	0.731	0.729	0.768	-0.331
Rep. of South Africa	a	241.23	8.192	12.228	-2.507
	b	0.684	0.608	0.654	-20.51
Slovak Republic	a	276.75	9.351	11.089	2.815
	b	0.508	0.473	0.521	-0.317
Slovenia	a	111.95	110.20	114.38	105.98
	b	0.014	0.310	0.449	7.927
Spain	a	298.17	16.522	18.164	104.44
	b	0.770	0.759	0.774	9.430
Swizerland	a	790.42	15.379	22.930	100.25
	b	0.861	0.850	0.911	9.554
United Kingdom	a	138.35	1.481	5.419	-1.125
	b	0.390	0.364	0.400	-10.92
United States of America	a	-172.9	-7.720	1.502	3.017
	b	1.001	0.952	0.919	-0.153
Walloon part of Belgium	a	545.07	15.791	17.452	2.942
	b	0.654	0.632	0.655	-0.425

Simmental**Conversion equations from foreign countries to France (Base 2021)***(Date of release : 07/04/2021)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-6719	-257.9	-215.4	-9.090
	b	60.440	2.340	1.900	0.083
Germany and Austria	a	467.00	17.800	11.600	-8.140
	b	1.080	1.240	1.070	0.077
Hungary	a	-633.0	-26.10	-25.10	5.120
	b	1.310	1.450	1.340	-0.056
Ireland	a	149.00	6.800	0.400	.
	b	3.280	2.990	2.710	.
Italy	a	153.00	4.000	3.200	-7.140
	b	1.120	1.120	1.060	0.068
Netherland and Flemish	a	1257.0	51.100	37.200	-22.93
	b	0.770	0.840	0.750	0.223
Slovenia	a	-8112	-316.6	-271.2	-10.95
	b	72.160	2.790	2.360	0.101
Switzerland	a	-1183	-44.30	-37.80	-8.970
	b	1.180	1.220	1.250	0.088
United Kingdom	a	517.00	17.900	14.200	-0.650
	b	2.540	2.930	2.580	-0.084
United States of America	a	1495.0	27.900	22.000	13.240
	b	1.110	1.200	1.190	-4.488

Simmental**Conversion equations from France to foreign countries (Base 2021)***(Date of Release : 07/04/2021)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	112.16	111.71	113.85	108.23
	b	0.011	0.233	0.356	7.355
Germany and Austria	a	-545.2	-17.81	-14.98	103.90
	b	0.703	0.652	0.668	11.468
Hungary	a	364.50	13.878	14.156	91.579
	b	0.519	0.503	0.511	-14.73
Ireland	a	28.449	1.594	1.986	.
	b	0.222	0.229	0.229	.
Italy	a	-198.8	-6.585	-4.937	103.00
	b	0.610	0.613	0.558	11.182
Netherland and Flemish	a	-1702	-62.31	-51.83	102.64
	b	0.976	0.908	0.920	3.976
Slovenia	a	111.06	112.04	113.57	108.04
	b	0.010	0.235	0.294	7.681
Switzerland	a	1072.8	38.137	31.650	102.12
	b	0.764	0.729	0.708	9.614
United Kingdom	a	-211.7	-5.887	-5.860	-7.232
	b	0.291	0.262	0.282	-10.94
United States of America	a	-1318	-23.28	-17.94	2.972
	b	0.713	0.678	0.628	-0.177

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2021)
(Date of Release : 07/04/2021)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.276	-0.031	0.088	-0.266	-0.076	0.229	-0.084	-0.088	0.092	0.025	.	0.148	0.096	-0.094
	b	0.144	0.101	0.098	0.132	0.133	0.122	0.099	0.112	0.144	0.089	.	0.106	0.089	0.142
Germany and Austria	a	-8.308	-6.777	-7.780	-7.818	-7.006	-7.758	-6.879	-8.865	-7.857	-7.536	-6.053	-7.423	-6.027	-8.431
	b	0.080	0.066	0.076	0.077	0.068	0.079	0.066	0.085	0.076	0.072	0.059	0.071	0.058	0.085
Italy	a	-6.625	-3.782	-4.618	-4.029	-4.543	-3.898	-4.901	-4.984	-4.933	-4.516	-5.552	-6.744	-5.854	-4.913
	b	0.062	0.037	0.046	0.039	0.043	0.040	0.043	0.045	0.045	0.043	0.053	0.062	0.054	0.049
Netherland	a	-20.83	-18.03	-17.29	-20.23	-19.88	-16.62	-20.44	-21.62	-22.22	-18.39	.	-17.07	-14.34	-18.17
	b	0.214	0.180	0.184	0.197	0.223	0.177	0.178	0.188	0.232	0.195	.	0.192	0.161	0.176
Slovenia	a	-6.722	-3.745	-3.198	-3.978	-4.015	-3.852	-4.243	-3.825	-5.062	-3.087	-4.291	-4.999	-5.000	-4.241
	b	0.054	0.037	0.028	0.040	0.034	0.042	0.035	0.033	0.042	0.024	0.035	0.040	0.040	0.048
Swizerland	a	-7.117	-8.078	-7.887	-8.460	-6.755	-7.017	-5.652	-7.570	-7.588	-7.149	-5.996	-7.353	-6.634	-6.558
	b	0.072	0.083	0.080	0.083	0.070	0.073	0.055	0.076	0.077	0.071	0.059	0.074	0.067	0.061
United Kingdom	a	0.035	-0.086	0.078	-0.125	-0.152	-0.143	-0.089	.	-0.068	-0.035	.	0.055	.	-0.015
	b	1.304	0.515	0.471	0.475	0.648	0.757	0.836	.	0.501	0.251	.	0.504	.	0.690
United States of America	a	0.385	0.127	0.334	-0.494	-0.001	0.206	0.030	-0.034	0.202	0.106	.	0.296	0.263	-0.033
	b	0.536	1.022	1.052	0.684	0.912	1.151	1.084	1.148	0.765	0.746	.	0.772	0.774	0.510

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2021)
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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	0.288	0.050	0.411	-9.020	0.148	.	.	.	0.034	0.314	0.206	-0.024	-0.076	-0.205	.
	b	0.122	0.135	0.090	0.088	0.115	.	.	.	0.186	0.132	0.103	0.139	0.133	0.118	.
Germany and Austria	a	-8.299	-7.990	.	-6.080	-7.665	-6.097	-8.081	-7.914	-10.08	-7.615	-7.580	-7.464	-7.006	-6.892	-6.168
	b	0.082	0.076	.	0.062	0.076	0.060	0.078	0.077	0.100	0.076	0.073	0.073	0.068	0.069	0.061
Italy	a	-3.939	-4.588	.	-4.510	-3.868	-3.009	-4.202	-4.951	-4.922	-4.714	-4.901	-5.860	-4.543	-2.941	-3.779
	b	0.037	0.043	.	0.043	0.036	0.030	0.039	0.046	0.049	0.045	0.047	0.055	0.043	0.029	0.036
Netherland	a	-17.50	-18.77	-14.50	-13.08	-16.99	.	.	.	.	.	.	.	-19.88	.	.
	b	0.177	0.196	0.159	0.136	0.177	.	.	.	.	.	.	.	0.223	.	.
Slovenia	a	-5.935	-6.015	.	-2.920	-4.530	-3.206	-5.730	-4.009	-5.037	-5.081	-4.208	-3.454	-4.015	-2.552	-3.613
	b	0.050	0.050	.	0.027	0.036	0.028	0.048	0.033	0.049	0.044	0.033	0.028	0.034	0.024	0.040
Swizerland	a	-6.405	-6.269	6.335	-5.110	-6.505	-7.332	-5.420	-7.703	-9.228	-8.821	-6.100	-5.133	-6.755	-8.016	-5.809
	b	0.066	0.064	-0.065	0.050	0.066	0.073	0.055	0.078	0.099	0.088	0.062	0.053	0.070	0.079	0.057
United Kingdom	a	0.163	.	0.128	.	-0.297	.	.	.	.	.	.	.	-0.152	.	.
	b	0.644	.	0.960	.	0.596	.	.	.	.	.	.	.	0.648	.	.
United States of America	a	0.308	0.158	0.435	.	0.219	.	.	0.040	.	.	0.320	-0.124	-0.001	-0.576	.
	b	0.598	0.638	0.601	.	0.634	.	.	0.857	.	.	0.506	0.977	0.912	0.677	.

Brown Swiss
Conversion equations from France to foreign countries 1/2 (Base 2021)
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Country of Conversion	Factor	ang	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	-4.419	-2.098	0.097	-1.660	1.992	0.504	-1.611	-0.191	0.118	-0.931	-0.765	.	-2.207	-1.833	0.662
	b	8.498	6.636	7.435	5.374	7.027	6.870	6.888	5.938	5.975	6.162	7.770	.	6.462	7.877	6.364
Germany and Austria	a	.	103.36	100.72	101.29	101.96	101.92	99.202	101.03	102.39	101.72	103.38	101.54	103.46	102.45	99.855
	b	.	11.861	9.404	11.381	11.981	12.741	11.170	6.179	8.855	11.217	10.993	11.252	10.569	10.916	11.277
Italy	a	.	105.97	101.24	99.506	103.64	105.76	98.272	111.62	109.21	107.95	106.99	103.90	108.48	106.31	100.35
	b	.	15.133	20.945	18.197	23.088	19.386	21.446	15.071	16.104	20.354	17.975	11.242	11.838	13.331	18.663
Netherland	a	91.573	97.607	100.26	94.127	102.48	89.102	94.353	113.95	114.41	95.505	94.160	.	88.851	89.071	103.56
	b	3.249	4.386	4.138	4.035	4.620	3.891	4.479	3.994	3.722	3.754	4.154	.	3.713	4.011	4.725
Slovenia	a	.	123.17	99.360	107.05	99.576	117.84	94.235	114.90	115.53	117.99	119.22	122.41	124.54	121.59	89.084
	b	.	16.250	20.794	22.797	20.572	26.526	18.944	14.345	21.670	19.520	18.207	17.836	15.870	16.757	16.738
Swizerland	a	96.156	99.419	97.938	98.666	101.55	96.882	95.201	100.83	98.875	97.123	100.85	101.89	96.922	98.380	106.94
	b	-6.057	13.313	9.619	9.956	11.223	9.216	11.430	7.438	8.665	11.425	12.397	9.344	9.825	12.248	14.496
United Kingdom	a	-0.093	-0.031	0.105	-0.316	0.228	0.208	0.219	-0.032	.	0.082	0.190	.	-0.187	.	0.035
	b	0.645	0.730	1.294	1.414	2.000	1.342	1.101	0.990	.	1.809	2.972	.	1.450	.	1.257
United States of America	a	-0.682	-0.766	-0.094	-0.235	0.680	-0.111	-0.135	-0.067	-0.044	-0.305	0.009	.	-0.478	-0.404	0.030
	b	0.978	1.736	0.910	0.806	1.394	0.890	0.727	0.657	0.637	1.200	0.977	.	0.972	0.979	1.737

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Conversion equations from France to foreign countries 2/2 (Base 2021)
(Date of Release : 07/04/2021)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.481	-0.529	-4.419	102.56	-1.472	.	.	.	-0.180	-2.439	-2.742	-0.052	0.504	1.683	.
	b	7.685	6.800	8.498	9.779	7.169	.	.	.	4.953	6.463	6.222	5.579	6.870	6.391	.
Germany and Austria	a	101.16	103.91	.	98.094	100.35	101.06	103.76	101.83	100.53	99.595	103.42	100.68	101.92	99.363	100.14
	b	11.148	12.141	.	11.441	11.683	11.948	11.682	11.457	8.437	11.039	11.950	10.879	12.741	11.446	14.107
Italy	a	106.44	106.66	.	104.83	106.74	99.180	107.76	106.38	100.74	105.88	103.20	106.44	105.76	101.15	104.38
	b	21.343	20.350	.	18.668	20.821	23.075	19.691	18.330	17.599	18.017	18.465	14.731	19.386	24.491	25.154
Netherland	a	99.072	95.973	91.573	95.916	95.883	.	.	.	.	.	.	.	89.102	.	.
	b	5.191	4.788	3.249	6.525	4.698	.	.	.	.	.	.	.	3.891	.	.
Slovenia	a	119.21	119.94	.	106.89	125.10	110.81	119.04	119.33	101.64	114.42	120.91	113.40	117.84	106.50	88.394
	b	17.673	16.406	.	24.167	20.589	20.933	16.865	21.971	16.288	20.017	21.032	16.989	26.526	30.070	20.551
Swizerland	a	96.116	98.136	96.156	103.14	96.978	99.211	97.751	100.27	92.962	98.113	96.101	95.889	96.882	101.52	101.00
	b	14.076	14.990	-6.057	17.602	12.199	11.119	15.935	10.982	9.235	9.821	12.216	14.533	9.216	9.291	15.777
United Kingdom	a	-0.291	.	-0.093	.	0.494	.	.	.	.	.	.	.	0.208	.	.
	b	1.262	.	0.645	.	1.336	.	.	.	.	.	.	.	1.342	.	.
United States of America	a	-0.446	-0.297	-0.682	.	-0.456	.	.	-0.259	.	.	-0.682	-0.217	-0.111	0.727	.
	b	1.281	1.262	0.978	.	1.292	.	.	0.707	.	.	1.641	0.644	0.890	0.960	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2021)
(Date of Release : 07/04/2021)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-0.906	-0.073	0.002	-0.329	-0.314	-0.115	0.180	-0.302	-0.251	-0.345	-1.019	-0.333	-0.712	-0.172	-0.190	-0.062	.	0.290
	b	1.502	1.316	1.083	1.845	1.241	1.630	2.702	2.728	2.681	2.298	1.775	2.235	2.042	1.655	2.198	1.346	.	-3.725
Canada	a	0.395	-0.066	0.107	0.110	0.537	-0.219	-0.071	0.055	0.160	0.352	0.612	0.587	0.711	0.282	0.362	-0.388	0.185	-13.99
	b	0.190	0.153	0.126	0.188	0.125	0.172	0.152	0.122	0.143	0.144	0.216	0.172	0.176	0.176	0.170	0.199	0.136	0.142
Czech Republic	a	-8.051	-6.961	-5.300	-7.410	-6.032	-7.101	-6.002	-5.848	-5.309	-5.956	-8.189	-7.075	-6.609	-7.670	-6.811	-7.151	-3.377	-4.760
	b	0.079	0.067	0.049	0.071	0.058	0.068	0.060	0.059	0.054	0.059	0.084	0.072	0.066	0.079	0.070	0.069	0.036	0.048
Denmark, Finland and Sweden	a	-10.12	-8.642	-8.229	-9.332	-8.948	-9.177	-6.706	-5.796	-6.952	-9.165	-8.733	-8.242	-8.829	-9.357	-9.434	-9.229	-5.841	-6.970
	b	0.094	0.077	0.069	0.086	0.084	0.089	0.070	0.057	0.069	0.085	0.090	0.083	0.086	0.095	0.091	0.091	0.057	0.072
Estonia	a	-7.845	-4.003	-4.977	-6.487	-2.764	-5.288	-4.266	-3.567	-3.688	-5.108	-8.220	-5.507	-6.137	-5.784	-6.305	-5.795	-2.096	.
	b	0.069	0.035	0.045	0.059	0.025	0.052	0.044	0.034	0.037	0.048	0.072	0.050	0.054	0.055	0.060	0.057	0.021	.
Germany and Austria	a	-8.040	-8.253	-8.191	-9.759	-6.030	-8.583	-7.892	-7.320	-8.165	-7.211	-8.020	-7.493	-7.353	-7.042	-7.069	-7.350	-7.519	-7.880
	b	0.078	0.078	0.078	0.094	0.060	0.084	0.078	0.074	0.084	0.071	0.082	0.078	0.076	0.071	0.070	0.073	0.078	0.080
Germany and Austria (Red Hol)	a	-8.327	-8.323	-8.378	-9.759	-6.246	-8.439	-7.931	-7.350	-8.215	-7.545	-8.094	-7.532	-7.664	-7.290	-7.335	-7.452	-7.550	-8.016
	b	0.078	0.078	0.078	0.094	0.060	0.084	0.078	0.074	0.084	0.071	0.082	0.078	0.076	0.071	0.070	0.073	0.078	0.080
Hungary	a	-0.284	-0.265	-0.217	-0.211	-0.083	-0.262	-0.033	0.056	0.070	-0.029	-0.065	0.071	-0.056	0.059	0.120	0.049	0.059	.
	b	1.122	0.937	0.886	1.048	0.772	0.978	0.932	0.778	0.839	1.002	1.124	0.921	1.006	1.038	0.964	0.848	0.505	.
Ireland	a	-1.682	-0.697	-0.904	-0.934	-1.264	-0.414	0.430	-0.433	-0.378	-1.168	-1.388	-0.873	-1.348	-0.795	-0.714	-0.029	-0.563	.
	b	1.362	0.593	0.745	0.539	1.149	0.588	0.549	0.491	0.362	0.768	0.824	0.706	0.833	0.752	0.771	0.579	0.463	.
Italy	a	-0.317	-0.299	-0.180	-0.263	-0.019	-0.156	-0.052	-0.023	-0.024	0.024	-0.200	-0.043	-0.065	-0.060	0.072	-0.197	-0.000	-15.03
	b	0.872	0.769	0.789	0.714	0.600	0.697	0.631	0.461	0.489	0.623	0.819	0.608	0.692	0.761	0.705	0.679	0.438	0.151
Japan	a	-0.031	-0.203	-0.070	-0.012	0.176	-0.190	0.065	0.002	-0.017	0.000	-0.005	0.099	0.171	0.044	0.120	-0.234	.	-49.44
	b	0.851	0.677	0.748	0.802	0.591	0.704	0.538	0.402	0.449	0.582	0.876	0.649	0.683	0.711	0.649	0.704	.	0.496
Netherland (MRV)	a	-27.99	-17.70	-21.95	-22.10	-18.81	-18.01	-17.43	-16.51	-22.08	-25.21	-26.18	-22.01	-25.31	-22.07	-22.24	-19.14	-19.44	-20.08
	b	0.245	0.188	0.195	0.216	0.159	0.198	0.171	0.169	0.224	0.224	0.234	0.199	0.215	0.201	0.202	0.192	0.194	0.204

Prim Holstein
Conversion equations from foreign countries to France (Base 2021)
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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	-25.54	-19.20	-20.39	-22.31	-16.91	-19.40	-17.26	-16.68	-21.85	-23.20	-24.07	-20.02	-22.29	-20.26	-20.63	-19.52	-18.85	-20.49
	b	0.245	0.188	0.195	0.216	0.159	0.198	0.171	0.169	0.224	0.224	0.234	0.199	0.215	0.201	0.202	0.192	0.194	0.204
Netherland and Flemish	a	-25.05	-19.01	-20.00	-22.10	-16.43	-19.60	-17.26	-16.68	-21.85	-22.75	-23.84	-20.02	-21.86	-20.06	-20.42	-19.33	-18.85	-20.49
	b	0.245	0.188	0.195	0.216	0.159	0.198	0.171	0.169	0.224	0.224	0.234	0.199	0.215	0.201	0.202	0.192	0.194	0.204
New-Zealand	a	-5.234	-1.057	-1.726	-2.708	.	-0.493	1.380	.	.	-2.211	.	-1.683	-2.543	-1.679	-1.978	.	.	0.330
	b	2.166	1.917	1.844	3.064	.	2.962	4.490	.	.	1.596	.	2.209	2.336	3.249	2.172	.	.	2.740
Poland	a	-10.86	-8.479	-7.427	-9.667	-7.941	-9.195	-7.900	-5.851	-6.513	-7.584	-10.27	-8.719	-9.399	-8.395	-8.907	-8.747	-5.314	-5.540
	b	0.102	0.082	0.070	0.093	0.076	0.090	0.080	0.058	0.065	0.073	0.098	0.084	0.090	0.082	0.087	0.086	0.053	0.056
Portugal	a	-1.271	-0.277	-0.066	-0.652	-0.797	-0.054	-0.278	-0.364	-0.121	-0.493	-0.870	-0.666	-1.134	-0.594	-0.500	-0.063	-0.181	.
	b	0.811	0.468	0.375	0.583	0.635	0.567	0.361	0.361	0.343	0.457	0.594	0.498	0.709	0.627	0.616	0.498	0.248	.
Rep. of South Africa	a	-0.469	-0.318	-0.317	-0.268	-0.119	-0.208	0.120	-0.121	0.028	-0.012	-0.050	0.146	-0.164	0.152	0.119	-0.241	.	.
	b	1.333	1.213	0.926	1.037	0.951	1.152	1.073	0.999	0.923	0.961	1.103	1.042	1.014	1.224	1.644	1.107	.	.
Slovenia	a	-8.409	-4.848	-5.466	-5.423	-4.326	-5.781	-3.853	-3.098	-3.942	-4.401	-8.118	-5.315	-7.660	-7.078	-7.610	-5.361	-3.623	-4.170
	b	0.066	0.043	0.045	0.047	0.033	0.056	0.041	0.029	0.037	0.035	0.067	0.043	0.061	0.060	0.065	0.054	0.030	0.040
Spain	a	-0.585	-0.178	0.074	-0.275	-0.129	-0.160	-0.244	-0.108	0.021	-0.437	-0.550	-0.338	-0.401	-0.244	-0.234	-0.096	-0.213	-7.530
	b	1.182	0.911	0.908	1.049	1.019	0.897	0.791	0.882	0.884	1.036	1.043	1.014	1.180	1.042	1.127	0.868	0.909	0.076
Swizerland	a	-9.881	-9.116	-8.886	-9.370	-7.043	-9.181	-8.061	-6.248	-7.848	-8.017	-9.193	-7.397	-9.238	-9.093	-8.904	-8.430	-6.557	-8.170
	b	0.095	0.089	0.086	0.092	0.069	0.091	0.082	0.063	0.077	0.077	0.094	0.078	0.092	0.090	0.087	0.080	0.065	0.083
United Kingdom	a	-0.049	-0.381	-0.182	-0.105	0.124	-0.244	-0.034	-0.025	0.117	0.116	0.193	0.280	0.150	0.105	0.153	-0.259	0.187	0.270
	b	0.924	0.569	0.713	0.776	0.671	0.752	0.654	0.664	0.361	0.695	0.914	0.723	0.753	0.722	0.705	0.757	0.579	4.331
United States of America	a	-0.087	-0.233	-0.193	-0.076	0.117	-0.352	0.038	0.057	0.211	0.164	0.404	0.437	0.425	0.308	0.275	-0.404	0.226	.
	b	0.823	0.844	0.851	0.759	0.603	0.717	0.577	0.560	0.522	0.672	0.782	0.594	0.617	0.680	0.649	0.714	0.583	.
Walloon part of Belgium	a	-0.119	-0.211	-0.087	-0.106	0.014	-0.063	-0.031	0.031	0.105	-0.122	-0.038	0.048	-0.060	-0.133	-0.114	-0.150	0.092	.
	b	0.937	0.607	0.690	0.725	0.675	0.710	0.533	0.390	0.546	0.608	0.784	0.649	0.765	0.745	0.710	0.681	0.467	.