

Appendix 1 Changes in milk production per country between year 2000 and year 2014. Sorted by volume change. From data extracted from FAO Stat (FAO , 2016)

	countries	2000 Tonnes milk production	2014 Tonnes milk production	Milk Volume change 2000 to 2014 Tonnes
1	India	32,967,000	66,423,450	33,456,450
2	China, mainland	8,274,000	37,246,400	28,972,400
3	United States of America	76,023,000	93,460,920	17,437,920
4	Brazil	20,379,988	35,124,360	14,744,372
5	Pakistan	8,039,000	18,027,000	9,988,000
6	New Zealand	12,235,392	21,317,000	9,081,608
7	Turkey	8,732,041	16,998,850	8,266,809
8	Uzbekistan	3,560,000	8,404,235	4,844,235
9	Germany	28,331,216	32,394,969	4,063,753
10	South Sudan		2,625,000	2,625,000
11	Ethiopia	900,000	3,339,240	2,439,240
12	Algeria	1,170,000	3,548,825	2,378,825
13	Belarus	4,489,600	6,686,800	2,197,200
14	Mexico	9,311,444	11,129,622	1,818,178
15	Myanmar	498,430	2,164,832	1,666,402
16	Kenya	2,224,000	3,796,000	1,572,000
17	Serbia		1,536,808	1,536,808
18	Saudi Arabia	710,000	2,100,000	1,390,000
19	United Republic of Tanzania	710,000	2,059,613	1,349,613
20	Kazakhstan	3,685,700	5,020,353	1,334,653
21	Netherlands	11,155,000	12,473,023	1,318,023
22	Turkmenistan	989,000	2,300,000	1,311,000
23	Morocco	1,184,500	2,400,000	1,215,500
24	Poland	11,889,300	12,985,520	1,096,220
25	Iran (Islamic Republic of)	4,760,000	5,700,000	940,000
26	Egypt	1,638,400	2,552,488	914,088
27	Argentina	10,121,330	11,009,900	888,570
28	Azerbaijan	1,013,800	1,824,176	810,376
29	Uruguay	1,421,749	2,231,000	809,251
30	South Africa	2,540,000	3,337,018	797,018
31	Uganda	511,000	1,300,000	789,000

	countries	2000 Tonnes milk production	2014 Tonnes milk production	Milk Volume change 2000 to 2014 Tonnes
32	Peru	1,066,960	1,840,226	773,266
33	Colombia	6,148,050	6,870,851	722,801
34	Spain	6,106,628	6,786,000	679,372
35	Ireland	5,159,788	5,816,220	656,432
36	Venezuela (Bolivarian Republic of)	1,414,605	2,065,987	651,382
37	Tajikistan	285,500	854,737	569,237
38	United Kingdom	14,488,000	15,050,000	562,000
39	Thailand	520,115	1,067,452	547,337
40	Viet Nam	54,456	549,533	495,077
41	Denmark	4,719,800	5,191,100	471,300
42	Costa Rica	721,855	1,076,951	355,096
43	Israel	1,185,200	1,522,601	337,401
44	Bolivia (Plurinational State of)	231,454	566,798	335,344
45	France	24,998,600	25,332,500	333,900
46	Mali	203,558	536,939	333,381
47	Kyrgyzstan	1,078,700	1,410,624	331,924
48	Syrian Arab Republic	1,156,393	1,479,537	323,144
49	Tunisia	887,000	1,192,000	305,000
50	Indonesia	497,857	800,749	302,892
51	Niger	271,357	556,793	285,436
52	Canada	8,161,000	8,399,680	238,680
53	Guatemala	267,417	503,318	235,901
54	Romania	4,301,259	4,533,596	232,337
55	Lebanon	158,400	367,794	209,394
56	Nicaragua	560,000	769,000	209,000
57	Dominican Republic	423,816	624,000	200,184
58	Armenia	440,337	638,100	197,763
59	Nigeria	389,000	585,000	196,000
60	Paraguay	329,800	525,000	195,200
61	Nepal	337,455	532,300	194,845
62	Montenegro		183,600	183,600
63	Switzerland	3,889,000	4,066,600	177,600

	countries	2000 Tonnes milk production	2014 Tonnes milk production	Milk Volume change 2000 to 2014 Tonnes
64	Estonia	629,600	804,796	175,196
65	The former Yugoslav Republic of Macedonia	220,244	387,008	166,764
66	Honduras	571,111	736,430	165,319
67	Chile	1,990,000	2,148,729	158,729
68	Albania	807,000	965,000	158,000
69	Austria	3,340,126	3,493,861	153,735
70	Latvia	822,983	968,899	145,916
71	Czech Republic	2,789,364	2,933,455	144,091
72	Bosnia and Herzegovina	543,500	685,830	142,330
73	Afghanistan	1,320,000	1,429,672	109,672
74	Guinea	71,587	177,511	105,924
75	Croatia	606,816	711,400	104,584
76	El Salvador	386,760	490,943	104,183
77	Senegal	100,601	198,111	97,510
78	Jordan	161,812	247,820	86,008
79	Rwanda	106,458	190,648	84,190
80	Lithuania	1,713,000	1,791,134	78,134
81	Oman	16,800	90,000	73,200
82	Sri Lanka	127,740	197,335	69,595
83	Burkina Faso	74,192	141,130	66,938
84	Mongolia	375,600	440,371	64,771
85	Bangladesh	778,000	838,813	60,813
86	Eritrea	50,000	110,163	60,163
87	Somalia	430,000	490,000	60,000
88	Cameroon	130,000	185,681	55,681
89	Yemen	179,781	235,195	55,414
90	Luxembourg	264,556	317,045	52,489
91	Chad	157,950	210,157	52,207
92	Panama	170,613	215,441	44,828
93	Malaysia	30,460	75,270	44,810
94	Burundi	18,550	60,386	41,836
95	Georgia	604,514	646,200	41,686

	countries	2000 Tonnes milk production	2014 Tonnes milk production	Milk Volume change 2000 to 2014 Tonnes
96	Madagascar	535,000	576,063	41,063
97	Namibia	88,500	119,704	31,204
98	United Arab Emirates	9,757	40,000	30,243
99	Malawi	35,000	64,747	29,747
100	Iceland	104,025	133,514	29,489
101	Kuwait	30,836	58,844	28,008
102	Haiti	41,250	64,960	23,710
103	Central African Republic	63,300	84,003	20,703
104	Greece	748,387	769,052	20,665
105	Mauritania	115,500	134,964	19,464
106	Cyprus	146,600	164,552	17,952
107	Zambia	75,000	91,854	16,854
108	Sierra Leone	10,000	26,156	16,156
109	Guyana	30,631	46,106	15,475
110	Réunion	20,924	34,000	13,076
111	Benin	23,400	34,861	11,461
112	Puerto Rico	378,989	390,000	11,011
113	Mozambique	60,350	71,339	10,989
114	Philippines	10,210	20,010	9,800
115	Ghana	33,800	41,652	7,852
116	Democratic People's Republic of Korea	90,000	97,728	7,728
117	Lesotho	31,250	37,321	6,071
118	Côte d'Ivoire	25,899	31,606	5,707
119	China, Taiwan Province of	358,049	363,145	5,096
120	Democratic Republic of the Congo	5,009	9,800	4,791
121	Fiji	56,000	60,731	4,731
122	Libya	131,319	136,000	4,681
123	Guinea-Bissau	13,449	17,990	4,541
124	Cambodia	20,400	24,607	4,207
125	Belize	1,397	4,664	3,267
126	Togo	11,374	14,182	2,808
127	Swaziland	37,500	40,123	2,623

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128	Gambia	7,630	9,735	2,105
129	Lao People's Democratic Republic	6,000	7,639	1,639
130	Djibouti	8,050	9,500	1,450
131	Dominica	6,225	7,510	1,285
132	Antigua and Barbuda	5,273	6,089	816
133	Gabon	1,912	2,719	807
134	Liechtenstein	12,968	13,671	703
135	Comoros	4,550	5,208	658
136	Saint Lucia	800	1,245	445
137	Belgium	3,689,000	3,689,440	440
138	Congo	1,050	1,392	342
139	Mauritius	4,700	5,000	300
140	United States Virgin Islands	2,084	2,350	266
141	Vanuatu	3,288	3,501	213
142	Grenada	520	725	205
143	French Guiana	274	457	183
144	Bahamas	571	747	176
145	Bermuda	1,480	1,636	156
146	Netherlands Antilles	410	475	65
147	Tonga	370	420	50
148	Saint Vincent and the Grenadines	1,370	1,417	47
149	Sao Tome and Principe	141	177	36
150	Papua New Guinea	150	181	31
151	American Samoa	16	25	9
152	Falkland Islands (Malvinas)	1,500	1,508	8
153	Liberia	854	862	8

Countries that have reduced their volume since year 2000

	countries	2000 Tonnes milk production	2014 Tonnes milk production	Milk Volume change 2000 to 2014 Tonnes
154	Wallis and Futuna Islands	30	30	0
155	Solomon Islands	1,438	1,437	-1
156	Samoa	1,500	1,490	-10
157	Guadeloupe	67	56	-11
158	Niue	80	56	-24
159	Brunei Darussalam	95	40	-55
160	China, Hong Kong SAR	259	76	-183
161	French Polynesia	1,232	1,026	-206
162	Seychelles	330	13	-317
163	New Caledonia	933	361	-572
164	Montserrat	2,352	1,759	-593
165	Bhutan	41,120	40,212	-908
166	Cabo Verde	5,100	3,636	-1,464
167	Martinique	2,218	124	-2,094
168	Suriname	8,000	5,400	-2,600
169	Barbados	7,930	4,966	-2,964
170	Qatar	11,194	7,500	-3,694
171	Angola	195,000	190,000	-5,000
172	Malta	47,969	42,833	-5,136
173	Botswana	119,000	113,595	-5,405
174	Trinidad and Tobago	10,477	3,941	-6,536
175	Bahrain	19,000	8,078	-10,922
176	Jamaica	26,248	12,886	-13,362
177	Occupied Palestinian Territory	68,095	44,401	-23,694
178	Cuba	614,098	588,100	-25,998
179	Slovenia	649,258	616,581	-32,677
180	Finland	2,450,100	2,400,003	-50,097
181	Portugal	1,997,644	1,940,142	-57,502
182	Zimbabwe	478,800	420,000	-58,800
183	Republic of Moldova	554,814	485,323	-69,491

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185	Republic of Korea	2,252,804	2,120,351	-132,453
186	Slovakia	1,067,000	933,887	-133,113
187	Norway	1,722,600	1,561,868	-160,732
188	Hungary	2,142,915	1,875,723	-267,192
189	Bulgaria	1,410,663	1,102,732	-307,931
190	Sweden	3,348,000	2,973,000	-375,000
191	Japan	8,497,000	7,334,264	-1,162,736
192	Sudan (former)	4,000,000	2,813,000	-1,187,000
193	Italy	12,309,400	11,044,109	-1,265,291
194	Australia	10,847,000	9,542,000	-1,305,000
195	Russian Federation	31,959,246	30,511,019	-1,448,227
196	Ukraine	12,436,000	10,860,580	-1,575,420
197	Ecuador	4,800,000	2,105,995	-2,694,005
	World Production - Total Cow's milk	491,069,268	655,957,922	