

Renewable energy – fuel ethanol

Production

Thousand tonnes oil equivalent	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Change 2008 over 2007	2008 share of total
US	2637	2782	3080	3332	4057	5303	6435	7380	9233	12327	17460	41.3%	50.2%
Canada	n/a	n/a	n/a	n/a	n/a	n/a	115	127	295	424	694	63.1%	2.0%
Total North America	2637	2782	3080	3332	4057	5303	6550	7508	9527	12751	18154	42.0%	52.2%
Brazil	7052	6483	5343	5726	6286	7226	7314	8010	8871	11264	13549	20.0%	38.9%
Colombia	n/a	n/a	n/a	n/a	n/a	n/a	n/a	50	134	142	129	-9.3%	0.4%
Paraguay	1	4	5	3	5	17	20	22	23	30	45	49.6%	0.1%
Total South America	7053	6487	5349	5729	6291	7243	7334	8082	9028	11436	13723	19.7%	39.4%
Austria	n/a	n/a	–	–	–	–	–	–	–	7	44	491.7%	0.1%
Czech Republic	n/a	n/a	–	–	–	–	–	1	7	16	38	129.7%	0.1%
Finland	n/a	n/a	–	–	–	–	1	6	–	–	25	n/a	0.1%
France	n/a	n/a	57	57	111	101	50	72	146	289	499	72.5%	1.4%
Germany	n/a	n/a	–	–	–	–	12	82	215	197	284	43.8%	0.8%
Hungary	n/a	n/a	–	–	–	–	–	17	17	15	75	398.6%	0.2%
Italy	n/a	n/a	–	–	–	–	–	4	61	28	30	9.5%	0.1%
Latvia	n/a	n/a	–	–	–	–	6	6	6	9	10	10.8%	♦
Lithuania	n/a	n/a	–	–	–	–	–	4	9	10	10	0.0%	♦
Netherlands	n/a	n/a	–	–	–	–	7	4	7	7	4	-35.9%	♦
Poland	n/a	n/a	–	–	41	38	24	32	80	77	100	28.7%	0.3%
Spain	n/a	n/a	50	50	57	52	127	151	198	174	158	-9.2%	0.5%
Sweden	n/a	n/a	13	28	32	33	35	76	70	35	39	11.1%	0.1%
Turkey	n/a	n/a	–	–	–	–	–	15	20	20	20	–	0.1%
Total Europe	n/a	n/a	120	136	241	223	264	472	837	884	1337	50.8%	3.8%
Australia	n/a	n/a	n/a	n/a	n/a	26	12	14	31	56	76	35.3%	0.2%
China	n/a	n/a	n/a	n/a	n/a	37	137	580	985	1043	1021	-2.4%	2.9%
India	n/a	n/a	n/a	n/a	n/a	90	75	50	60	70	125	78.0%	0.4%
Pakistan	n/a	n/a	n/a	n/a	n/a	39	63	77	107	172	199	15.4%	0.6%
Thailand	n/a	n/a	n/a	n/a	n/a	n/a	n/a	30	64	91	164	80.0%	0.5%
Total Asia Pacific	n/a	n/a	n/a	n/a	n/a	191	287	750	1247	1432	1586	10.4%	4.6%
Total World	9690	9269	8549	9198	10589	12961	14435	16811	20640	26503	34800	30.9%	100.0%

n/a not available. Sources: Official Sources; European Bioethanol Fuel Association; F.O. Lichts; Renewable Fuels Association; US Department of Agriculture; US Energy Information Administration.

♦ Less than 0.05%.