

Table 1

Total energy supply

Petajoules

Table Notes

For tables 1 to 3

Data on individual energy commodities are aggregated and presented in these tables. As discussed in the introduction, these tables follow the principles of energy balances as recommended in IRES.

Instead of breaking energy supply down by flow, Table 1 gives a longer historical perspective back to 1990. As such, historical countries that existed in 1990 are included here. Due to the break-up of the Former Union of Soviet Socialist Republics, there is a reallocation between Europe and Asia between 1991 and 1992.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description/ classification, and xvi to xvii for the descriptions of relevant flows.

Figure 1: Total energy supply by region, 1990

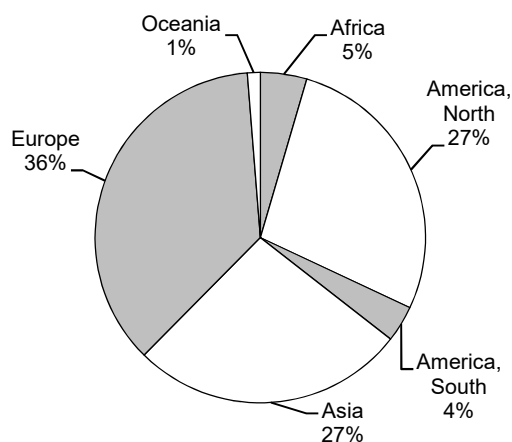


Figure 2: Total energy supply by region, 2016

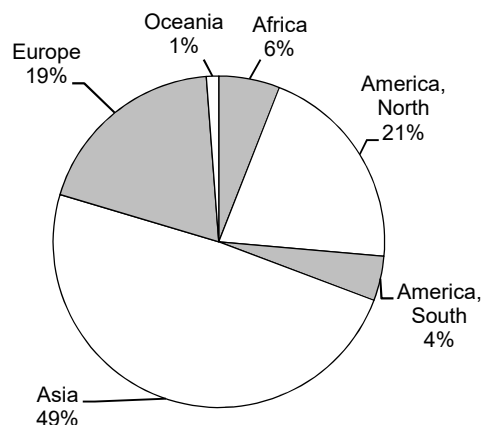


Figure 3: Total energy supply by region, 1990-2016

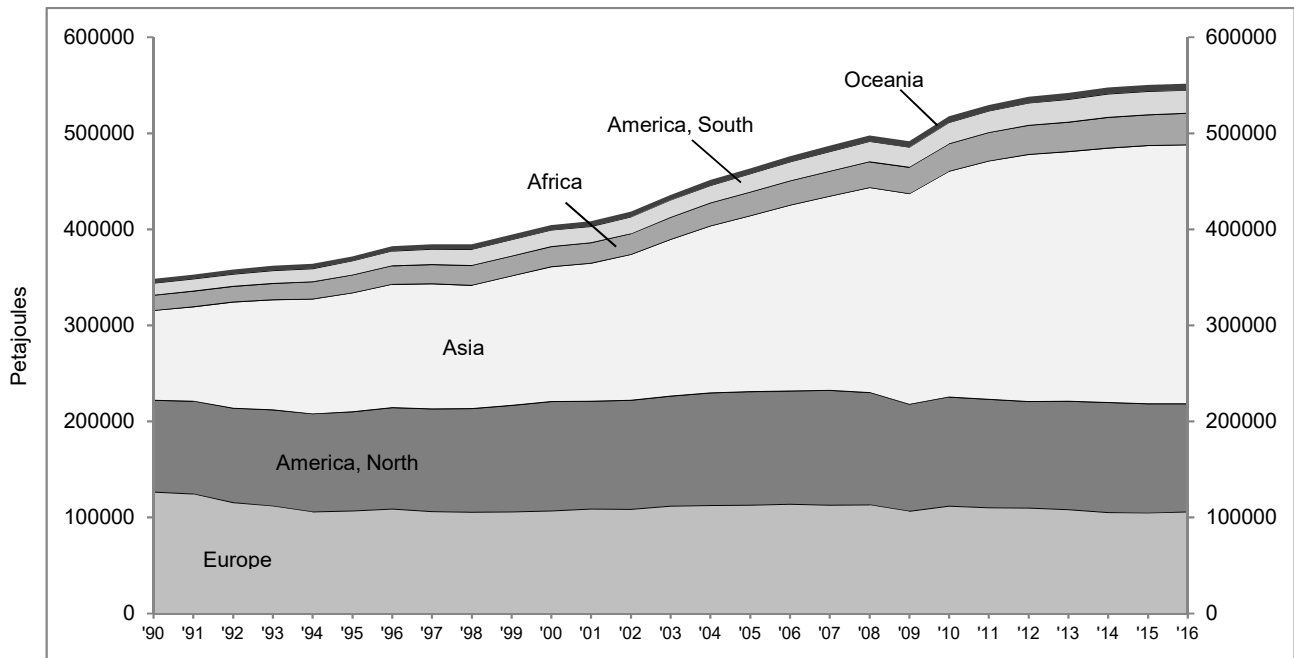


Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2016
World	348,256	371,687	404,363	463,300	517,492	550,179	551,577
Africa	15,842	18,896	21,113	24,661	28,507	31,968	32,819
Algeria	1,075	1,270	1,170	1,583	1,641	2,222	2,211
Angola	238	343	308	363	537	635	655
Benin	74	89	83	105	153	190	186
Botswana	39	44	57	65	74	80	92
Burkina Faso	93	104	83	114	145	172	176
Burundi	58	66	55	81	90	62	63
Cabo Verde	*2	*3	*4	8	9	*9	*9
Cameroon	176	237	264	295	291	383	388
Central African Rep.	31	31	22	22	23	23	23
Chad	48	54	62	71	80	83	84
Comoros	2	3	3	*4	*5	5	*6
Congo	36	44	40	45	70	112	112
Côte d'Ivoire	204	245	278	418	425	543	522
Dem. Rep. of the Congo	480	585	635	824	831	1,209	1,240
Djibouti	*6	*7	8	*9	11	10	11
Egypt	1,271	1,605	2,288	2,742	3,242	3,450	3,752
Equatorial Guinea	5	5	9	*68	80	*56	44
Eritrea	..	42	30	32	31	36	39
Eswatini	*32	*34	41	40	44	48	43
Ethiopia	..	918	1,022	1,132	1,293	1,467	1,498
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	50	56	62	72	93	112	113
Gambia	7	8	9	10	12	*14	*14
Ghana	187	277	271	251	267	339	335
Guinea	105	126	128	135	147	152	156
Guinea-Bissau	20	21	23	26	28	30	31
Kenya	439	518	*627	*686	*793	953	938
Lesotho	*36	*41	*48	47	52	58	61
Liberia	38	31	49	62	75	92	97
Libya	468	653	685	727	860	726	623
Madagascar	85	108	118	127	150	179	185
Malawi	64	65	65	70	76	80	82
Mali	43	49	57	61	78	94	95
Mauritania	*23	*26	29	36	45	*54	*52
Mauritius	33	41	49	57	63	67	67
Mayotte	*1	*2	*2	*3	4	5	5
Morocco	353	430	477	605	761	799	831
Mozambique	248	264	292	364	424	536	556
Namibia	..	38	42	54	65	78	83
Niger	60	70	81	*77	70	94	96
Nigeria	2,780	3,052	3,642	4,401	5,337	6,069	6,270
Réunion	24	31	42	49	58	59	60
Rwanda	35	54	54	71	84	*98	*99
Sao Tome and Principe	*1	1	*2	*2	2	*3	*3
Senegal	*81	*87	96	114	165	190	180
Seychelles	2	*3	8	10	6	7	8
Sierra Leone	50	48	55	56	60	67	67
Somalia	68	77	90	107	126	138	145
South Africa	4,179	4,750	5,022	5,399	6,153	6,109	6,276
South Sudan	..	..	..	..	..	35	32
Sudan	..	..	..	..	..	695	772
Sudan (former)	451	506	556	654	711	..	..
Togo	55	71	89	99	130	143	150
Tunisia	192	220	293	349	427	452	460
Uganda	281	312	319	417	523	655	680
United Rep. of Tanzania	341	463	572	722	847	1,087	1,108

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2016
Zambia	222	244	260	305	348	430	468
Zimbabwe	402	422	438	414	392	472	466
America, North	95,497	103,367	114,008	118,233	113,741	113,586	112,759
Anguilla	*1	*1	*1	*2	*2	*2	*2
Antigua and Barbuda	*4	*4	*5	*6	*8	*8	*8
Aruba	*7	*10	*26	30	*28	*13	*13
Bahamas	*26	*24	*27	*26	35	*29	*26
Barbados	16	12	16	17	20	17	17
Belize	8	10	11	11	13	14	14
Bermuda	*7	*8	*7	*8	*9	8	9
Bonaire, St Eustatius, Saba	..	..	..	..	..	*5	*5
British Virgin Islands	*1	*2	*2	*3	*3	*3	*3
Canada	8,752	9,684	10,504	11,253	10,802	11,585	11,527
Cayman Islands	4	*5	*7	7	8	8	8
Costa Rica	68	110	137	177	203	207	214
Cuba	647	452	462	412	505	456	435
Curaçao	..	..	..	..	..	93	80
Dominica	*1	1	2	*2	3	*3	*3
Dominican Republic	143	236	283	266	298	318	341
El Salvador	92	136	166	189	178	180	183
Greenland	5	5	7	9	11	9	9
Grenada	2	2	3	3	4	4	4
Guadeloupe	18	*21	26	33	*32	34	33
Guatemala	195	252	307	361	388	453	531
Haiti	65	71	84	142	159	179	181
Honduras	122	142	125	171	192	244	244
Jamaica	113	130	148	151	103	108	117
Martinique	21	*22	*23	30	29	*31	*31
Mexico	5,179	5,499	6,357	7,435	7,415	7,782	7,795
Montserrat	0	0	0	*1	1	1	0
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	86	102	107	119	125	163	165
Panama	62	62	104	120	144	171	169
Puerto Rico	*1	0	13	24	27	53	61
Sint Maarten (Dutch part)	..	..	..	..	..	*12	*12
St. Kitts-Nevis	*2	*2	*3	*3	3	*3	*3
St. Lucia	2	5	5	*5	6	6	6
St. Pierre-Miquelon	1	1	*1	*1	*1	*1	*1
St. Vincent-Grenadines	*1	*2	2	*3	3	*3	*3
Trinidad and Tobago	251	258	414	678	845	816	768
Turks and Caicos Islands	0	*1	*1	*2	*3	*3	*3
United States	79,510	86,000	94,538	96,447	92,066	90,560	89,733
America, South	12,421	14,539	16,762	18,877	22,215	24,344	24,018
Argentina	1,928	2,194	2,556	2,919	3,307	3,594	3,621
Bolivia (Plur. State of)	106	155	208	219	266	351	373
Brazil	5,960	7,062	8,020	9,252	10,916	12,658	12,194
Chile	587	772	1,073	1,178	1,278	1,504	1,577
Colombia	983	1,104	1,103	1,180	1,402	1,629	1,750
Ecuador	255	339	328	475	562	653	630
Falkland Is. (Malvinas)	1	*1	*1	*1	*1	*1	*1
French Guiana	9	*9	8	10	*12	13	*14
Guyana	25	29	32	29	32	35	37
Paraguay	*84	118	153	180	234	260	265
Peru	415	450	498	545	781	934	1,012
Suriname	29	34	36	26	40	29	29
Uruguay	96	107	119	126	173	212	215
Venezuela (Bolivar. Rep.)	1,944	2,167	2,629	2,737	3,211	2,471	2,300

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2016
Asia	93,651	123,443	140,296	182,979	234,810	269,027	269,460
Afghanistan	*46	*29	25	36	137	146	143
Armenia	..	68	84	105	*119	124	131
Azerbaijan	..	536	485	573	486	603	598
Bahrain	213	257	331	348	513	579	557
Bangladesh	769	918	998	1,191	1,493	1,790	1,864
Bhutan	37	39	44	48	57	64	66
Brunei Darussalam	107	71	73	76	136	114	124
Cambodia	121	119	142	144	223	295	317
China	30,398	39,163	42,461	68,833	101,618	119,926	118,484
China, Hong Kong SAR	316	398	570	579	544	576	590
China, Macao SAR	15	18	24	28	31	41	41
Cyprus	58	71	90	94	103	85	91
Georgia	..	88	120	135	140	198	204
India	13,435	16,262	19,808	22,706	29,193	36,084	36,886
Indonesia	3,759	4,587	4,970	7,087	8,322	9,476	10,021
Iran (Islamic Rep. of)	2,819	3,887	5,386	7,221	8,579	9,989	10,405
Iraq	586	1,072	995	1,488	1,437	1,997	2,309
Israel	480	649	763	767	966	943	953
Japan	18,291	20,693	21,655	21,847	20,938	18,163	17,845
Jordan	138	172	205	289	303	361	362
Kazakhstan	..	2,185	1,560	2,352	3,363	3,263	3,335
Korea, Dem.Ppl's.Rep.	1,391	921	826	896	622	332	374
Korea, Republic of	3,851	6,083	7,854	8,764	10,441	11,364	11,762
Kuwait	566	835	824	1,133	1,350	1,417	1,510
Kyrgyzstan	..	101	101	114	115	167	162
Lao People's Dem. Rep.	60	63	58	68	100	169	244
Lebanon	*113	174	207	206	262	313	317
Malaysia	773	1,768	1,959	2,745	2,965	3,424	3,527
Maldives	2	4	6	9	13	19	21
Mongolia	116	89	87	104	164	272	294
Myanmar	449	498	538	619	663	820	836
Nepal	156	301	349	388	446	505	536
Oman	153	236	319	445	778	1,100	1,069
Other Asia	2,005	2,663	3,509	4,236	4,624	4,554	4,579
Pakistan	1,290	1,722	2,082	2,642	3,094	3,425	3,597
Philippines	1,039	1,264	1,551	1,469	1,631	2,050	2,126
Qatar	199	553	584	728	1,165	1,829	1,763
Saudi Arabia	2,875	3,516	4,487	6,047	7,707	9,728	8,609
Singapore	656	640	756	805	1,109	1,233	910
Sri Lanka	187	225	296	324	360	433	467
State of Palestine	*20	*22	38	58	54	72	77
Syrian Arab Republic	476	585	729	740	911	419	418
Tajikistan	..	146	141	148	143	163	166
Thailand	1,784	2,635	3,075	4,067	4,945	5,634	5,794
Timor-Leste	..	..	..	*4	*4	*8	*8
Turkey	2,191	2,598	3,200	3,548	4,399	5,336	5,661
Turkmenistan	..	574	625	805	951	1,160	1,158
United Arab Emirates	791	1,108	1,719	1,842	2,635	3,333	3,428
Uzbekistan	..	1,787	2,130	2,050	1,809	1,783	1,574
Viet Nam	791	908	1,262	1,756	2,319	2,972	3,006
Yemen	..	142	197	274	326	177	144
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	126,463	106,718	106,716	112,819	111,724	104,734	105,799
Albania	92	47	65	91	91	91	92
Andorra	*7	7	9	10	10	9	9
Austria	1,040	1,122	1,197	1,408	1,412	1,379	1,396

Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2016
Belarus	..	1,043	1,029	1,125	1,155	1,067	1,060
Belgium	2,005	2,237	2,426	2,436	2,515	2,227	2,358
Bosnia and Herzegovina	..	56	179	206	269	250	282
Bulgaria	1,181	966	773	826	741	775	757
Croatia	..	325	349	407	390	350	353
Czechia	..	1,764	1,748	1,898	1,891	1,757	1,742
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	724	810	784	785	810	668	687
Estonia	..	217	196	220	238	232	234
Faeroe Islands	10	*8	*10	*10	*9	*9	*9
Finland	1,190	1,212	1,346	1,433	1,526	1,354	1,414
France	9,381	9,924	10,537	11,333	10,956	10,336	10,164
German Dem. R. (former)	*3,679	..	..	..	..	..	..
Germany	..	14,035	14,031	14,015	13,637	12,876	12,942
Germany, Fed. R. (former)	11,391	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	9	10
Greece	902	963	1,148	1,280	1,169	985	965
Guernsey	..	..	..	1	1	1	1
Hungary	1,211	1,093	1,049	1,155	1,113	1,057	1,076
Iceland	87	90	139	158	278	313	331
Ireland	416	446	579	615	608	556	584
Isle of Man	..	..	..	0	0	1	1
Italy	6,366	6,714	7,230	7,847	7,324	6,402	6,334
Jersey	..	1	1	3	3	3	3
Kosovo	..	..	65	82	105	106	113
Latvia	..	197	157	190	189	179	179
Liechtenstein	..	..	..	..	3	3	3
Lithuania	..	376	306	362	286	294	299
Luxembourg	143	133	142	185	178	157	156
Malta	29	30	29	37	35	27	25
Montenegro	..	..	..	42	48	42	41
Netherlands	2,788	3,051	3,102	3,350	3,481	3,025	3,060
Norway	875	962	1,074	1,114	1,258	1,205	1,136
Poland	4,406	4,256	3,780	3,886	4,251	4,004	4,185
Portugal	720	840	1,026	1,104	975	910	916
Republic of Moldova	..	186	66	89	80	100	104
Romania	2,620	1,925	1,532	1,626	1,474	1,341	1,334
Russian Federation	..	26,720	25,994	27,338	28,932	29,852	30,461
Serbia	..	..	..	672	648	612	633
Serbia and Montenegro	..	522	556	..	..	..	..
Slovakia	..	746	744	778	737	677	687
Slovenia	..	254	269	306	306	275	278
Spain	3,744	4,191	5,074	5,915	5,337	4,904	4,939
Sweden	1,967	2,089	1,971	2,138	2,112	1,888	2,046
Switzerland	1,017	1,003	1,041	1,080	1,091	1,024	998
T.F.Yug.Rep. Macedonia	..	151	169	163	121	116	116
Ukraine	..	7,073	5,574	5,872	5,491	3,753	3,864
United Kingdom	8,527	8,925	9,216	9,219	8,435	7,531	7,425
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
Oceania	4,381	4,723	5,468	5,730	6,494	6,520	6,722
Australia	3,670	3,928	4,540	4,762	5,417	5,254	5,451
Cook Islands	0	*1	*1	1	*1	*1	*1
Fiji	23	*23	22	24	21	37	33
French Polynesia	*7	7	9	12	12	*12	*12
Kiribati	*1	*1	1	1	1	*1	*1
Marshall Islands	..	*1	*2	*2	*2	*2	*2
Micronesia (Fed. States of)	..	*2	*2	2	2	2	*2
Nauru	*2	*1	*1	*1	*1	*1	*1

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2016
New Caledonia	21	27	30	37	46	61	67
New Zealand	556	629	747	746	832	945	949
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	*3	3	*3	*3
Papua New Guinea	88	89	99	126	141	185	184
Samoa	*3	*3	*3	*3	*4	5	*5
Solomon Islands	*5	*5	*5	*6	*6	*6	*6
Tonga	1	1	1	*2	2	2	*2
Vanuatu	1	1	*2	2	3	3	3