

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.

Although both Table 1 and Table 2 display figures for total energy supply, there may be rounding differences for certain countries or regions in the same year. This is due to the different ways they are added up.

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

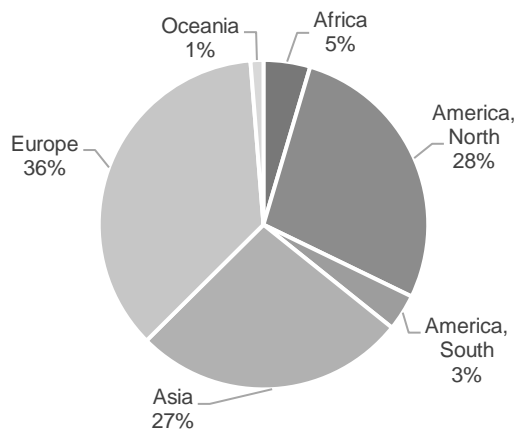


Figure 2: Total energy supply by region, 2019

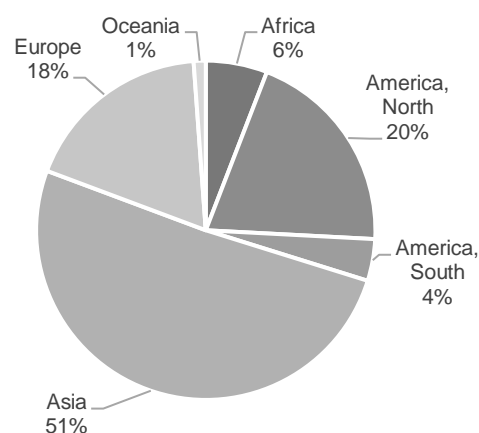


Figure 3: Total energy supply by region, 1990-2019

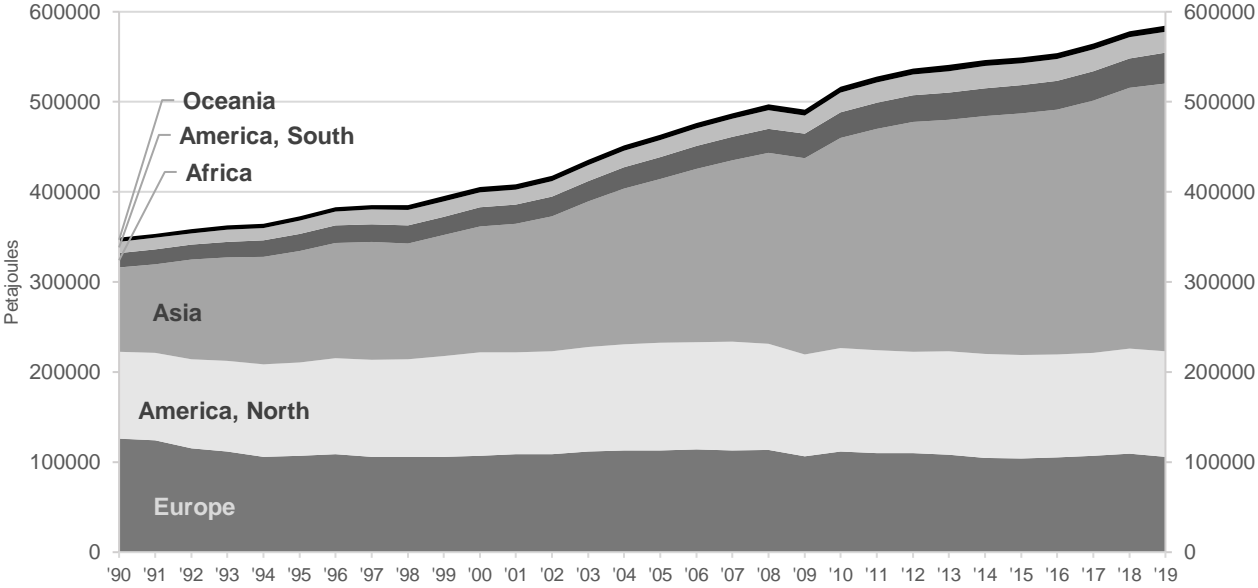


Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2019
World	349,017	372,677	405,196	463,436	516,988	549,527	584,594
Africa	16,005	18,925	21,062	24,515	28,164	31,180	34,302
Algeria	1,075	1,270	1,103	1,583	1,641	2,224	2,509
Angola	238	340	288	319	469	555	553
Benin	73	87	83	104	149	180	220
Botswana	39	44	57	65	74	80	98
Burkina Faso	*63	*68	83	114	145	172	199
Burundi	*52	*53	55	*56	*58	62	66
Cabo Verde	*3	*4	*6	8	9	*9	*10
Cameroon	203	237	266	297	293	384	408
Central African Rep.	31	31	*29	*32	36	36	*38
Chad	48	54	62	71	82	87	95
Comoros	*3	*3	*4	5	*6	*6	*8
Congo	36	40	34	45	70	117	135
Côte d'Ivoire	204	245	278	418	347	412	444
Dem. Rep. of the Congo	489	595	635	698	831	1,209	1,266
Djibouti	*6	*7	8	*9	11	10	*10
Egypt	1,271	1,605	2,288	2,742	3,242	3,450	4,081
Equatorial Guinea	5	5	11	65	77	108	75
Eritrea	..	42	30	32	31	34	37
Eswatini	*28	*29	35	36	41	46	46
Ethiopia	..	918	1,022	1,132	1,293	1,462	1,615
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	49	56	61	72	93	111	104
Gambia	7	8	9	10	12	15	*15
Ghana	187	*249	265	241	287	387	444
Guinea	105	126	128	135	147	152	183
Guinea-Bissau	20	21	23	26	28	30	32
Kenya	439	518	*627	*686	*793	953	*1,008
Lesotho	*36	*41	*48	47	52	*46	*45
Liberia	38	31	49	62	75	92	101
Libya	468	653	695	815	869	763	908
Madagascar	99	126	*153	*168	*200	250	374
Malawi	64	65	65	70	76	81	90
Mali	*61	*71	*86	120	*153	*195	*210
Mauritania	*23	*26	29	36	46	*61	76
Mauritius	33	41	49	57	63	67	69
Mayotte	*1	*2	*2	*3	4	..	..
Morocco	345	423	478	606	762	799	943
Mozambique	248	264	293	365	309	447	464
Namibia	..	38	39	54	63	78	84
Niger	60	70	81	*77	70	95	*105
Nigeria	2,780	3,052	3,642	4,401	5,325	6,020	6,586
Reunion	24	31	42	49	58	..	..
Rwanda	35	54	54	71	84	*98	*111
Sao Tome and Principe	*1	1	*2	*2	2	*3	*3
Senegal	*81	*87	97	114	160	178	209
Seychelles	2	*3	4	5	6	7	8
Sierra Leone	51	46	54	56	59	69	73
Somalia	68	77	90	107	126	138	156
South Africa	4,179	4,750	4,921	5,197	5,897	5,724	5,991
South Sudan	..	..	..	..	..	35	30
Sudan	..	..	..	..	..	503	*535
Sudan (former)	451	506	556	654	711	..	..
Togo	55	71	89	99	130	131	138
Tunisia	192	220	293	349	427	457	477
Uganda	351	390	396	516	645	804	966
United Rep. of Tanzania	409	463	564	699	793	883	933

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Country or area	1990	1995	2000	2005	2010	2015	2019
Zambia	222	244	263	301	340	408	455
Zimbabwe	405	421	438	414	397	458	464
America, North	96,322	104,100	114,840	119,325	114,857	114,724	116,720
Anguilla	*1	*1	*1	*2	*2	*2	*2
Antigua and Barbuda	*3	*3	*4	*5	*6	*7	*7
Aruba	*7	*10	*54	58	*56	*13	*13
Bahamas	*28	*26	*28	*28	28	31	37
Barbados	16	12	16	17	20	17	16
Belize	8	10	11	11	13	16	17
Bermuda	*7	*8	*8	*9	*9	8	9
Bonaire, St Eustatius, Saba	..	..	..	..	..	*1	*2
British Virgin Islands	*1	*2	*2	*3	*3	*3	*2
Canada	8,838	9,783	10,609	11,441	10,902	11,699	12,779
Cayman Islands	4	*5	*7	7	8	8	10
Costa Rica	68	110	137	177	203	207	214
Cuba	604	414	459	388	505	459	367
Curaçao	..	..	..	..	..	101	32
Dominica	*1	1	2	*2	3	*3	*3
Dominican Republic	140	223	275	259	298	326	395
El Salvador	91	133	146	160	175	172	188
Greenland	6	6	7	9	11	9	*8
Grenada	2	2	3	3	4	4	5
Guadeloupe	18	*21	26	33	*32	..	..
Guatemala	195	252	307	361	388	480	571
Haiti	101	107	128	138	159	176	190
Honduras	100	120	127	164	198	233	241
Jamaica	113	130	148	147	113	117	115
Martinique	21	*22	*23	30	29	..	..
Mexico	5,179	5,516	6,314	7,559	7,557	7,830	7,764
Montserrat	0	0	0	1	1	1	0
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	87	104	106	118	128	161	168
Panama	60	71	105	122	144	171	210
Puerto Rico	*1	0	13	24	28	56	70
Sint Maarten (Dutch part)	..	..	..	..	..	*12	*11
St. Kitts-Nevis	*2	*2	*3	*3	3	*3	*4
St. Lucia	*4	*5	*6	*7	*8	*8	*8
St. Pierre-Miquelon	1	1	*1	*1	*1	*1	*1
St. Vincent-Grenadines	*1	*2	2	*3	3	4	3
Trinidad and Tobago	251	251	420	676	833	797	718
Turks and Caicos Islands	*1	*1	*2	*3	*4	*5	*5
United States	80,280	86,648	95,257	97,271	92,911	91,585	92,534
America, South	12,463	14,584	16,750	18,861	22,131	24,423	23,278
Argentina	1,928	2,194	2,564	2,919	3,295	3,423	3,293
Bolivia (Plur. State of)	108	156	160	199	268	351	382
Brazil	5,972	7,069	7,998	9,212	10,946	12,393	12,186
Chile	593	780	1,082	1,187	1,286	1,510	1,728
Colombia	983	1,104	1,103	1,180	1,402	2,048	2,043
Ecuador	255	339	328	470	521	603	626
Falkland Is. (Malvinas)	1	*1	0	*1	*1	1	1
French Guiana	9	*9	8	10	*12	..	..
Guyana	28	31	34	32	34	35	41
Paraguay	*96	131	175	198	258	281	304
Peru	421	464	514	565	808	904	1,048
Suriname	29	34	36	26	40	39	43
Uruguay	96	107	119	126	173	213	221
Venezuela (Bolivar. Rep.)	1,944	2,167	2,629	2,737	3,087	2,622	1,362

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Country or area	1990	1995	2000	2005	2010	2015	2019
Asia	93,575	123,514	140,251	181,840	233,353	268,609	297,447
Afghanistan	*39	*33	31	46	*141	169	189
Armenia	..	69	85	106	*106	135	141
Azerbaijan	..	536	485	573	486	605	664
Bahrain	213	257	331	348	513	577	669
Bangladesh	769	918	998	1,191	1,493	1,803	2,068
Bhutan	37	39	44	48	57	64	71
Brunei Darussalam	107	71	73	76	136	114	169
Cambodia	121	119	142	144	196	252	338
China	30,398	39,212	42,516	68,833	101,618	120,324	136,602
China, Hong Kong SAR	316	398	570	579	544	576	585
China, Macao SAR	15	18	24	29	32	43	40
Cyprus	58	71	90	94	103	86	95
Georgia	..	88	120	135	140	198	215
India	12,063	14,882	18,356	21,126	27,410	35,123	40,566
Indonesia	4,012	5,220	5,881	7,037	8,073	8,709	11,146
Iran (Islamic Rep. of)	2,819	3,887	5,386	7,216	8,579	10,024	11,460
Iraq	586	1,072	995	1,485	1,424	1,997	2,292
Israel	482	652	767	773	972	915	911
Japan	18,354	20,715	21,681	21,868	21,010	18,126	17,437
Jordan	138	172	205	289	303	368	399
Kazakhstan	..	2,173	1,554	2,356	3,363	3,180	3,003
Korea, Dem.Ppl's.Rep.	1,391	921	826	896	622	332	653
Korea, Republic of	3,868	6,121	7,912	8,822	10,498	11,428	11,738
Kuwait	566	835	824	1,133	1,350	1,405	1,598
Kyrgyzstan	..	101	101	114	115	167	159
Lao People's Dem. Rep.	60	63	58	69	100	169	246
Lebanon	*113	174	207	206	262	337	350
Malaysia	757	1,708	1,959	2,745	2,965	3,424	3,896
Maldives	2	4	6	9	13	19	28
Mongolia	114	88	86	103	164	273	541
Myanmar	466	495	538	616	660	847	965
Nepal	239	299	349	388	446	502	597
Oman	153	236	319	445	825	1,100	1,021
Other Asia	1,965	2,612	3,510	4,231	4,624	4,666	4,558
Pakistan	1,834	2,182	2,437	2,964	3,092	3,314	3,849
Philippines	1,119	1,312	1,603	1,525	1,706	2,143	2,520
Qatar	194	547	576	728	1,165	1,546	1,723
Saudi Arabia	3,178	3,881	4,487	6,047	7,707	10,307	10,129
Singapore	658	645	761	927	1,085	1,166	823
Sri Lanka	187	225	296	324	360	433	457
State of Palestine	*20	*22	38	58	54	72	80
Syrian Arab Republic	476	585	729	741	911	424	390
Tajikistan	..	146	141	148	143	167	208
Thailand	1,766	2,620	3,049	4,048	4,931	5,668	5,795
Timor-Leste	..	..	..	*4	*4	7	10
Turkey	2,211	2,578	3,182	3,529	4,442	5,390	6,118
Turkmenistan	..	574	625	754	951	1,160	1,191
United Arab Emirates	791	1,108	1,719	1,842	2,977	3,571	2,189
Uzbekistan	..	1,780	2,124	2,046	1,821	1,735	1,999
Viet Nam	791	908	1,262	1,756	2,334	3,269	4,401
Yemen	..	142	197	274	326	180	155
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	126,235	106,772	106,787	113,126	111,985	103,986	106,113
Albania	92	47	65	91	91	91	91
Andorra	*7	7	9	10	10	9	9
Austria	1,041	1,123	1,198	1,411	1,425	1,368	1,396

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Country or area	1990	1995	2000	2005	2010	2015	2019
Belarus	..	1,038	1,029	1,121	1,152	1,067	1,081
Belgium	1,999	2,231	2,418	2,421	2,499	2,183	2,288
Bosnia and Herzegovina	..	62	179	206	269	250	303
Bulgaria	1,181	966	773	826	741	778	771
Croatia	..	325	349	407	390	350	361
Czechia	..	1,760	1,746	1,898	1,892	1,758	1,789
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	726	809	780	791	815	682	669
Estonia	..	222	195	220	237	230	220
Faeroe Islands	10	*8	*10	*10	*9	*9	*11
Finland	1,186	1,208	1,353	1,440	1,528	1,351	1,388
France	9,345	9,886	10,500	11,374	10,969	10,527	10,114
German Dem. R. (former)	*3,679	..	..	..	..	..	..
Germany	..	14,083	14,081	14,156	13,791	12,932	12,314
Germany, Fed. R. (former)	11,391	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	9	11
Greece	895	950	1,134	1,268	1,158	967	915
Guernsey	..	..	..	1	1	1	1
Hungary	1,200	1,083	1,046	1,174	1,109	1,053	1,114
Iceland	87	90	139	158	285	320	363
Ireland	417	448	580	618	608	559	574
Isle of Man	..	..	..	1	4	4	5
Italy	6,138	6,668	7,183	7,797	7,277	6,374	6,221
Jersey	..	1	1	3	3	3	3
Kosovo	..	..	65	82	105	106	112
Latvia	..	193	161	190	189	179	188
Liechtenstein	1	2	2	3	3	3	3
Lithuania	..	363	295	364	292	292	318
Luxembourg	143	133	142	185	178	158	167
Malta	29	30	29	37	35	27	30
Montenegro	..	..	..	42	48	42	47
Netherlands	2,771	3,042	3,106	3,316	3,443	2,997	2,971
North Macedonia	..	151	169	163	121	116	121
Norway	879	981	1,092	1,215	1,353	1,215	1,160
Poland	4,393	4,249	3,784	3,891	4,256	4,004	4,324
Portugal	703	846	1,031	1,109	983	918	910
Republic of Moldova	..	186	66	89	91	109	119
Romania	2,621	1,925	1,532	1,626	1,474	1,341	1,392
Russian Federation	..	26,720	25,994	27,338	28,932	28,943	31,678
Serbia	..	..	..	669	648	612	633
Serbia and Montenegro	..	522	556	..	..	..	..
Slovakia	..	742	740	777	736	675	705
Slovenia	..	254	274	316	307	276	285
Spain	3,762	4,211	5,073	5,914	5,335	4,904	5,036
Sweden	1,965	2,086	1,968	2,123	2,099	1,834	2,002
Switzerland	1,018	1,004	1,041	1,080	1,085	1,013	1,023
Ukraine	..	7,073	5,574	5,872	5,491	3,753	3,736
United Kingdom	8,612	9,037	9,317	9,318	8,511	7,596	7,139
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
Oceania	4,418	4,782	5,506	5,769	6,499	6,605	6,733
American Samoa	*7	*6	*6	*7	*7	*4	*4
Australia	3,694	3,962	4,567	4,790	5,396	5,330	5,424
Cook Islands	*1	*1	*1	1	*1	*1	*1
Fiji	23	*23	21	24	21	25	*26
French Polynesia	*7	7	9	12	14	13	13
Kiribati	*1	*1	1	1	1	1	*2
Marshall Islands	..	*1	*2	*2	*2	*2	*2
Micronesia (Fed. States of)	..	3	*3	2	2	2	*2

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2019
Nauru	*2	*1	*1	*1	*1	*1	*1
New Caledonia	21	27	30	37	46	61	66
New Zealand	560	645	748	747	839	958	960
Northern Mariana Islands	..	..	..	..	*7	*8	*8
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	*3	3	*3	*3
Papua New Guinea	88	89	99	126	141	178	*202
Samoa	*3	*4	4	4	4	5	6
Solomon Islands	*5	*6	*6	*7	*8	8	*8
Tonga	1	1	1	*2	2	2	2
Vanuatu	1	1	*2	2	3	3	3