

**Table 1**

## Total energy supply

Petajoules

### Table Notes

#### For tables 1 to 3

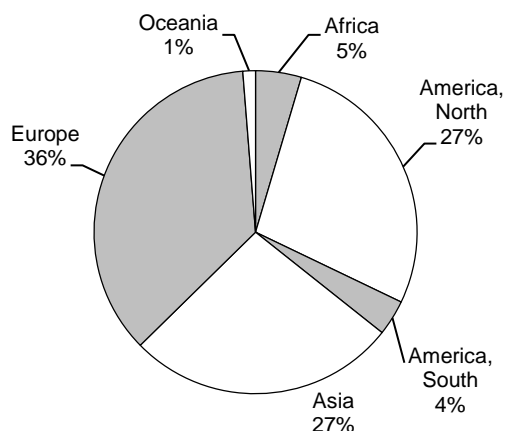
Data on individual energy commodities are aggregated and presented in these tables. As discussed in the introduction, these tables follow the principles of energy balances as recommended in IRES.

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, 2018**

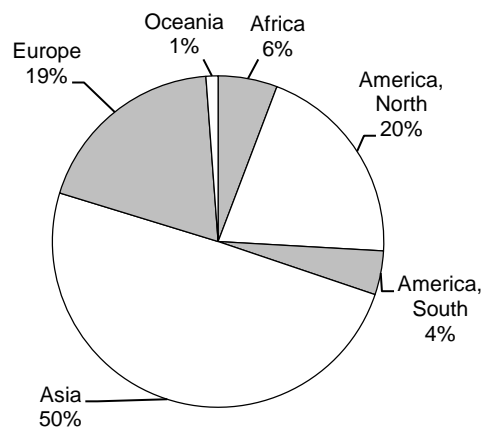


Figure 3: Total energy supply by region, 1990-2018

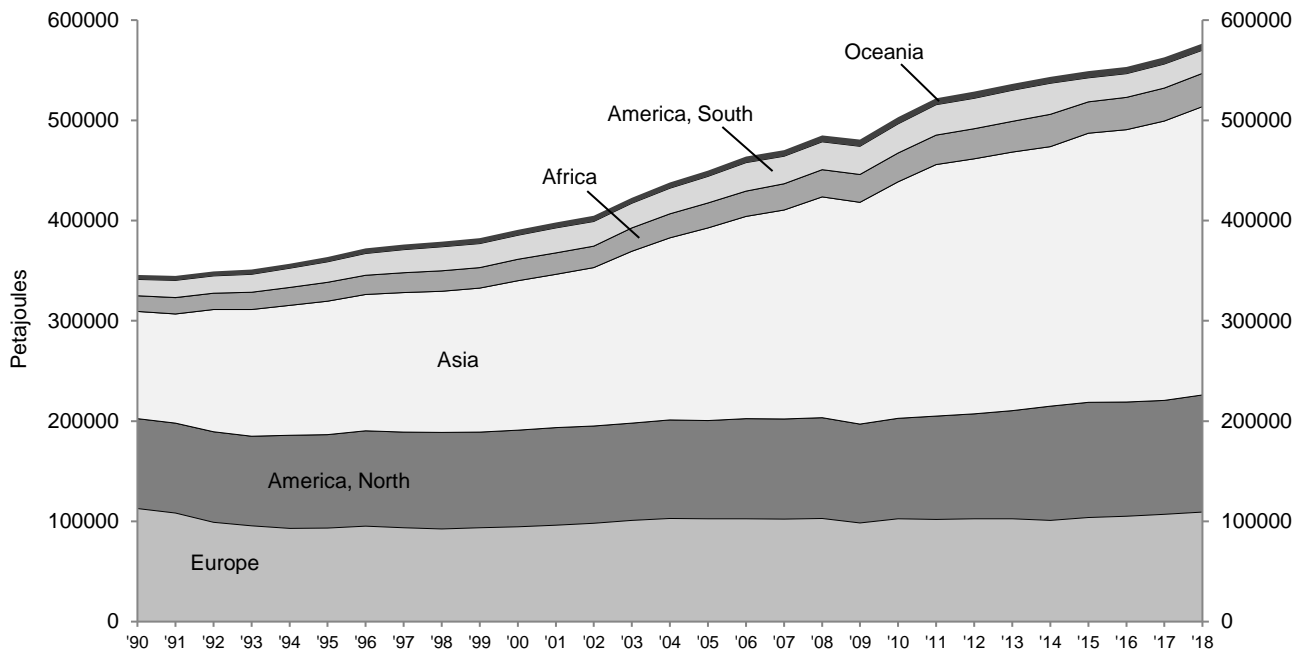


Table 1

## Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2018
<b>World</b>	<b>349,825</b>	<b>373,713</b>	<b>406,186</b>	<b>464,565</b>	<b>518,411</b>	<b>549,127</b>	<b>576,588</b>
<b>Africa</b>	<b>16,037</b>	<b>18,994</b>	<b>21,061</b>	<b>24,482</b>	<b>28,196</b>	<b>31,346</b>	<b>33,038</b>
Algeria	1,075	1,270	1,103	1,583	1,641	2,223	2,429
Angola	238	340	287	318	469	545	514
Benin	74	89	83	105	153	190	219
Botswana	39	44	57	65	74	80	101
Burkina Faso	93	104	83	114	145	172	193
Burundi	*52	*53	55	*56	*58	62	66
Cabo Verde	*2	*3	*5	8	9	*9	*10
Cameroon	203	237	264	295	291	382	404
Central African Rep.	31	31	22	22	21	21	22
Chad	48	54	62	71	80	79	86
Comoros	2	3	3	4	5	*6	*8
Congo	36	40	35	45	70	117	124
Côte d'Ivoire	204	245	278	418	425	543	434
Dem. Rep. of the Congo	489	595	635	698	831	1,209	1,149
Djibouti	*6	*7	8	*9	11	10	*10
Egypt	1,271	1,605	2,288	2,742	3,242	3,450	3,722
Equatorial Guinea	5	5	11	65	78	109	99
Eritrea	..	42	30	32	31	34	36
Eswatini	*32	*34	41	40	43	44	44
Ethiopia	..	918	1,022	1,132	1,293	1,462	1,563
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	49	56	61	72	93	111	106
Gambia	7	8	9	10	12	*14	*14
Ghana	187	277	271	251	267	339	353
Guinea	105	126	128	135	147	152	171
Guinea-Bissau	20	21	23	26	28	30	32
Kenya	439	518	*627	*686	*793	953	*972
Lesotho	*36	*41	*48	47	52	*46	*47
Liberia	38	31	49	62	75	92	98
Libya	468	653	695	815	870	781	745
Madagascar	99	126	*153	*168	*200	250	*331
Malawi	64	65	65	70	76	80	88
Mali	*61	*71	*86	120	*153	*195	*207
Mauritania	*23	*26	29	36	45	*61	74
Mauritius	33	41	49	57	63	67	69
Mayotte	*1	*2	*2	*3	4	..	..
Morocco	345	423	478	606	762	799	871
Mozambique	248	264	293	366	311	451	444
Namibia	..	38	39	54	65	78	84
Niger	60	70	81	*77	70	94	*96
Nigeria	2,780	3,052	3,642	4,401	5,325	6,064	6,585
Reunion	24	31	42	49	58	..	..
Rwanda	35	54	54	71	84	*98	*101
Sao Tome and Principe	*1	1	*2	*2	2	*3	*3
Senegal	*81	*87	97	114	160	178	191
Seychelles	2	*3	4	5	6	7	8
Sierra Leone	51	46	54	56	59	66	68
Somalia	68	77	90	107	126	138	152
South Africa	4,179	4,750	4,921	5,202	5,920	5,760	5,916
South Sudan	..	..	..	..	..	35	26
Sudan	..	..	..	..	..	503	528
Sudan (former)	451	506	556	654	711	..	..
Togo	55	71	89	99	130	131	138
Tunisia	192	220	293	349	427	452	479
Uganda	351	390	396	516	645	804	915
United Rep. of Tanzania	409	463	564	649	721	825	875

Table 1

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Country or area	1990	1995	2000	2005	2010	2015	2018
Zambia	222	244	261	312	375	469	519
Zimbabwe	405	421	438	414	394	473	498
<b>America, North</b>	<b>96,319</b>	<b>104,096</b>	<b>114,836</b>	<b>119,331</b>	<b>114,855</b>	<b>114,853</b>	<b>117,056</b>
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	39
Barbados	16	12	16	17	20	17	17
Belize	8	10	11	11	13	16	16
Bermuda	*7	*8	*7	*8	*9	8	10
Bonaire, St Eustatius, Saba	..	..	..	..	..	*5	*6
British Virgin Islands	*1	*2	*2	*3	*3	*3	*2
Canada	8,838	9,783	10,609	11,441	10,902	11,810	12,446
Cayman Islands	4	*5	*7	7	8	8	9
Costa Rica	68	110	137	177	203	207	205
Cuba	604	414	459	388	505	459	375
Curaçao	..	..	..	..	..	101	58
Dominica	*1	1	2	*2	3	*3	*2
Dominican Republic	140	223	275	259	298	326	364
El Salvador	91	133	146	160	178	178	179
Greenland	6	6	7	9	11	9	*9
Grenada	2	2	3	3	4	4	5
Guadeloupe	18	*21	26	33	*32	..	..
Guatemala	195	252	307	361	388	480	546
Haiti	101	107	128	138	159	176	192
Honduras	98	119	125	166	198	241	257
Jamaica	113	130	148	152	113	117	117
Martinique	21	*22	*23	30	29	..	..
Mexico	5,179	5,516	6,314	7,559	7,557	7,830	7,634
Montserrat	0	0	0	1	1	1	0
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	86	102	107	119	125	165	167
Panama	60	71	105	122	144	171	183
Puerto Rico	*1	0	13	24	27	53	*50
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	4
Trinidad and Tobago	251	251	420	676	833	797	715
Turks and Caicos Islands	0	*1	*1	*2	*3	*3	*3
United States	80,280	86,648	95,257	97,271	92,911	91,585	93,400
<b>America, South</b>	<b>12,461</b>	<b>14,583</b>	<b>16,758</b>	<b>18,869</b>	<b>22,140</b>	<b>24,078</b>	<b>23,076</b>
Argentina	1,928	2,194	2,564	2,919	3,295	3,423	3,288
Bolivia (Plur. State of)	106	155	168	207	277	364	404
Brazil	5,972	7,069	7,998	9,212	10,946	12,393	12,196
Chile	593	780	1,082	1,187	1,286	1,510	1,635
Colombia	983	1,104	1,103	1,180	1,402	1,701	1,630
Ecuador	255	339	328	470	521	603	596
Falkland Is. (Malvinas)	1	*1	0	*1	*1	1	1
French Guiana	9	*9	8	10	*12	..	..
Guyana	28	31	34	32	34	35	38
Paraguay	*96	131	175	198	258	281	307
Peru	421	464	514	565	808	890	1,001
Suriname	29	34	36	26	40	43	41
Uruguay	96	107	119	126	173	213	223
Venezuela (Bolivar. Rep.)	1,944	2,167	2,629	2,737	3,087	2,622	1,716

Table 1

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Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2018
<b>Asia</b>	<b>94,358</b>	<b>124,496</b>	<b>141,252</b>	<b>183,088</b>	<b>234,751</b>	<b>268,316</b>	<b>287,605</b>
Afghanistan	*46	*29	25	36	136	136	142
Armenia	..	69	85	106	*106	135	131
Azerbaijan	..	536	485	573	486	605	607
Bahrain	213	257	331	348	513	577	582
Bangladesh	769	918	998	1,191	1,493	1,803	1,964
Bhutan	37	39	44	48	57	64	71
Brunei Darussalam	107	71	73	76	136	114	156
Cambodia	121	119	142	144	223	295	344
China	30,398	39,163	42,461	68,833	101,618	119,870	129,651
China, Hong Kong SAR	316	398	570	579	544	576	589
China, Macao SAR	15	18	24	29	32	45	42
Cyprus	58	71	90	94	103	86	95
Georgia	..	88	120	135	140	198	204
India	13,435	16,262	19,808	22,706	29,193	36,066	39,184
Indonesia	4,090	5,279	5,855	7,037	8,074	8,747	10,415
Iran (Islamic Rep. of)	2,819	3,887	5,386	7,221	8,579	9,901	10,992
Iraq	586	1,072	995	1,485	1,424	1,997	2,677
Israel	482	652	767	773	972	915	935
Japan	18,362	20,752	21,727	21,929	20,995	18,086	17,859
Jordan	138	172	205	289	303	368	382
Kazakhstan	..	2,185	1,551	2,352	3,363	3,018	3,103
Korea, Dem.Ppl's.Rep.	1,391	921	826	896	622	332	265
Korea, Republic of	3,868	6,121	7,912	8,822	10,498	11,428	11,826
Kuwait	566	835	824	1,133	1,350	1,389	1,460
Kyrgyzstan	..	101	101	114	115	167	192
Lao People's Dem. Rep.	60	63	58	69	100	169	239
Lebanon	*113	174	207	206	262	337	348
Malaysia	757	1,708	1,959	2,745	2,965	3,424	3,832
Maldives	2	4	6	9	13	19	25
Mongolia	116	89	87	104	164	272	541
Myanmar	449	498	538	618	662	848	991
Nepal	155	299	349	388	446	499	593
Oman	153	236	319	445	781	1,051	1,091
Other Asia	2,005	2,663	3,509	4,199	4,579	4,599	4,578
Pakistan	1,290	1,722	2,082	2,642	2,880	3,229	4,545
Philippines	1,039	1,264	1,551	1,469	1,631	2,050	2,393
Qatar	194	547	576	728	1,165	1,540	1,809
Saudi Arabia	3,178	3,881	4,487	6,047	7,707	10,307	9,950
Singapore	658	645	761	899	1,079	1,236	1,070
Sri Lanka	187	225	296	324	360	433	444
State of Palestine	*20	*22	38	58	54	72	74
Syrian Arab Republic	476	585	729	740	911	424	437
Tajikistan	..	146	141	148	143	167	199
Thailand	1,766	2,620	3,049	4,048	4,931	5,695	5,678
Timor-Leste	..	..	..	*4	*4	*8	*8
Turkey	2,211	2,578	3,182	3,529	4,442	5,390	6,030
Turkmenistan	..	574	625	805	951	1,160	1,160
United Arab Emirates	791	1,108	1,719	1,842	2,977	3,571	2,649
Uzbekistan	..	1,780	2,124	2,046	1,806	1,734	1,944
Viet Nam	791	908	1,262	1,756	2,334	2,985	2,975
Yemen	..	142	197	274	326	180	137
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
<b>Europe</b>	<b>126,239</b>	<b>106,768</b>	<b>106,779</b>	<b>113,031</b>	<b>111,987</b>	<b>103,959</b>	<b>109,168</b>
Albania	92	47	65	91	91	91	91
Andorra	*7	7	9	10	10	9	9
Austria	1,041	1,123	1,198	1,413	1,428	1,371	1,377

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Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2018
Belarus	..	1,038	1,029	1,121	1,152	1,067	1,139
Belgium	1,999	2,231	2,418	2,421	2,496	2,182	2,215
Bosnia and Herzegovina	..	62	179	206	269	250	312
Bulgaria	1,181	966	773	826	741	778	780
Croatia	..	325	349	407	390	350	354
Czechia	..	1,760	1,746	1,898	1,892	1,758	1,813
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	726	809	780	791	815	676	712
Estonia	..	215	195	220	237	230	263
Faeroe Islands	10	*8	*10	*10	*9	*9	*11
Finland	1,186	1,208	1,353	1,440	1,530	1,350	1,415
France	9,345	9,886	10,500	11,374	10,969	10,531	10,271
German Dem. R. (former)	*3,679	..	..	..	..	..	..
Germany	..	14,083	14,081	14,156	13,791	12,931	12,645
Germany, Fed. R. (former)	11,391	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	9	11
Greece	899	954	1,131	1,265	1,155	965	935
Guernsey	..	..	..	1	1	1	1
Hungary	1,200	1,083	1,046	1,174	1,109	1,053	1,118
Iceland	87	90	139	158	278	313	366
Ireland	417	448	580	618	608	557	577
Isle of Man	..	..	..	1	4	4	4
Italy	6,138	6,668	7,183	7,797	7,277	6,374	6,289
Jersey	..	1	1	3	3	3	3
Kosovo	..	..	65	82	105	106	109
Latvia	..	193	161	190	189	179	195
Liechtenstein	1	2	2	3	3	3	3
Lithuania	..	363	295	365	292	293	315
Luxembourg	143	133	142	185	178	158	165
Malta	29	30	29	37	35	27	28
Montenegro	..	..	..	42	48	42	45
Netherlands	2,771	3,042	3,106	3,318	3,443	2,987	3,033
North Macedonia	..	151	169	163	121	116	112
Norway	879	981	1,092	1,114	1,353	1,215	1,173
Poland	4,393	4,249	3,784	3,891	4,256	4,004	4,453
Portugal	703	846	1,031	1,109	983	918	919
Republic of Moldova	..	186	66	89	91	108	124
Romania	2,621	1,925	1,532	1,626	1,474	1,341	1,411
Russian Federation	..	26,720	25,994	27,338	28,932	28,943	33,226
Serbia	..	..	..	672	648	612	635
Serbia and Montenegro	..	522	556	..	..	..	..
Slovakia	..	742	740	776	736	675	716
Slovenia	..	254	269	306	306	275	291
Spain	3,762	4,211	5,073	5,914	5,335	4,904	5,183
Sweden	1,965	2,086	1,968	2,135	2,109	1,836	2,052
Switzerland	1,018	1,004	1,041	1,080	1,085	1,013	997
Ukraine	..	7,073	5,574	5,872	5,491	3,753	3,968
United Kingdom	8,612	9,037	9,317	9,318	8,511	7,591	7,304
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
<b>Oceania</b>	<b>4,412</b>	<b>4,776</b>	<b>5,500</b>	<b>5,763</b>	<b>6,482</b>	<b>6,574</b>	<b>6,645</b>
Australia	3,694	3,962	4,567	4,790	5,396	5,330	5,393
Cook Islands	*1	*1	*1	1	*1	*1	*1
Fiji	23	*23	22	24	21	25	*25
French Polynesia	*7	7	9	12	12	12	12
Kiribati	*1	*1	1	1	1	1	*2
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

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Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2018
New Caledonia	21	27	30	37	46	61	73
New Zealand	561	647	750	748	839	952	945
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	*3	3	*3	*3
Papua New Guinea	88	89	99	126	141	166	*167
Samoa	*3	*4	4	4	4	5	5
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