

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.

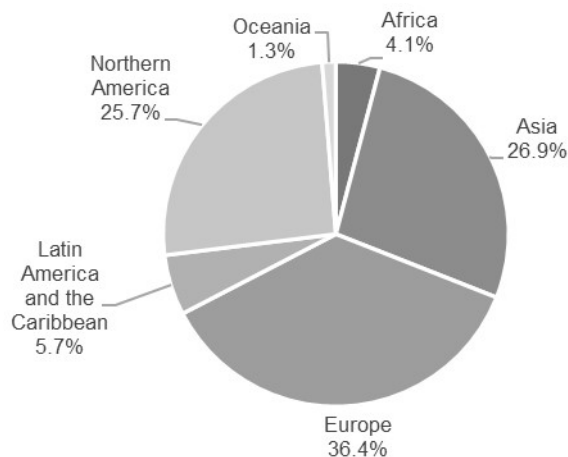
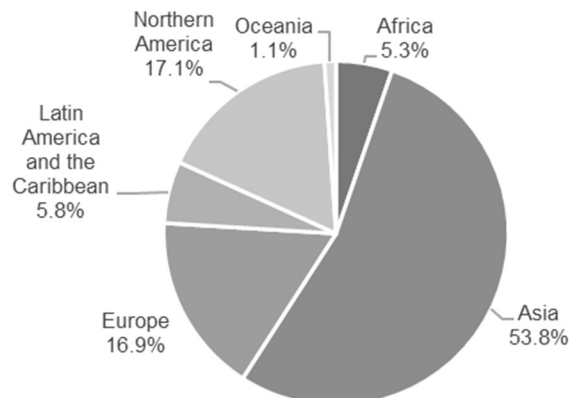
Figure 1: Total energy supply by region, 1990**Figure 2: Total energy supply by region, 2022**

Figure 3: Total energy supply by region, 1990-2022

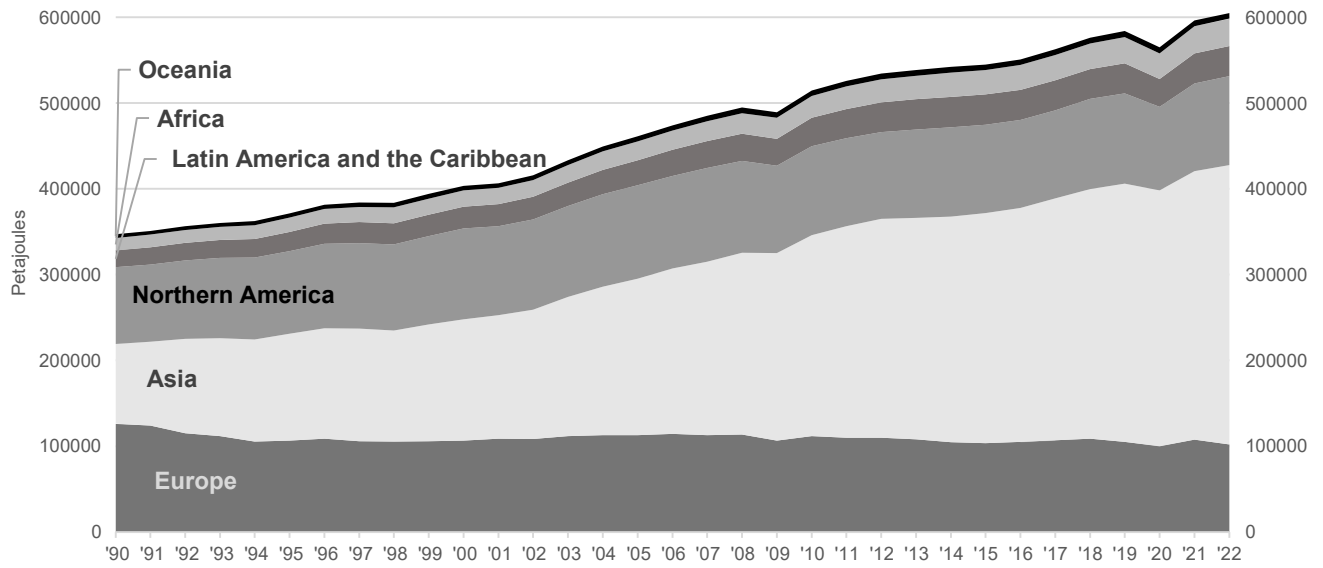


Table 1

Total Energy Supply

Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2022
World	347,032	403,528	461,143	514,599	544,797	564,720	604,913
Africa	14,294	18,840	22,010	25,304	28,169	30,015	31,873
Algeria	1,075	1,103	1,583	1,641	2,224	2,363	2,733
Angola	238	288	319	469	536	507	582
Benin	73	83	104	149	180	200	215
Botswana	39	57	65	74	80	93	105
Burkina Faso	*63	81	113	143	203	*251	*268
Burundi	*52	55	*56	*59	62	67	69
Cabo Verde	*3	*6	8	9	*9	*9	*10
Cameroon	203	266	306	293	384	424	444
Central African Rep.	31	28	31	36	38	45	*49
Chad	48	62	71	82	96	103	108
Comoros	*3	*4	5	*6	*7	*10	*12
Congo	36	40	57	83	117	141	158
Côte d'Ivoire	204	278	418	347	412	452	602
Dem. Rep. of the Congo	495	584	698	832	1,210	1,371	1,479
Djibouti	*6	8	*9	11	11	11	*11
Egypt	1,222	2,231	2,683	3,181	3,381	3,927	3,895
Equatorial Guinea	5	11	65	77	109	105	132
Eritrea	..	30	29	31	35	39	*41
Eswatini	*28	35	36	37	41	46	44
Ethiopia	..	1,031	1,204	1,400	1,655	1,896	1,985
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	49	60	67	80	93	93	97
Gambia	7	9	10	12	15	*17	*18
Ghana	187	265	241	287	387	490	518
Guinea	*83	*100	*115	*135	*149	184	185
Guinea-Bissau	*13	*17	17	*17	20	18	20
Kenya	439	*627	*686	*793	1,022	1,192	1,216
Lesotho	*36	*48	47	52	*47	*44	50
Liberia	38	49	62	74	85	99	106
Libya	468	695	753	842	878	495	763
Madagascar	122	197	229	279	304	*381	*400
Malawi	*81	*96	109	129	147	172	170
Mali	*61	*85	119	*176	*193	*232	243
Mauritania	*23	29	36	46	*61	91	98
Mauritius	33	49	57	63	67	57	64
Mayotte	*1	*2	*3	4	..	..	..
Morocco	345	478	606	762	799	894	953
Mozambique	249	293	365	309	441	442	490
Namibia	..	42	58	64	71	73	77
Niger	60	81	*90	*103	*122	*141	*146
Nigeria	1,193	1,494	1,872	2,368	2,670	2,633	2,808
Réunion	24	42	49	58	..	..	..
Rwanda	35	54	71	84	*98	*105	*116
Sao Tome and Principe	*1	*2	*2	3	3	*3	*3
Senegal	*78	97	114	160	178	195	233
Seychelles	2	4	5	6	7	*8	*9
Sierra Leone	50	53	56	60	69	73	*78
Somalia	69	90	108	128	142	167	*175
South Africa	4,104	4,892	5,169	5,792	5,671	5,416	5,443
South Sudan	..	..	..	..	35	33	32
Sudan	..	..	..	..	409	527	505
Sudan (former)	451	556	654	711	..	..	..
Togo	55	89	99	130	130	168	*162
Tunisia	204	296	342	432	463	449	485
Uganda	*324	403	525	654	815	1,081	1,112
United Rep. of Tanzania	409	564	699	796	919	1,041	1,103

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Country or area	1990	2000	2005	2010	2015	2020	2022
Zambia	222	263	301	340	413	488	*535
Zimbabwe	404	438	414	397	459	456	518
Asia	93,233	141,098	182,336	233,880	268,015	297,977	325,744
Afghanistan	*39	31	46	*141	167	195	*181
Armenia	..	85	106	*106	135	156	170
Azerbaijan	..	485	573	486	605	644	725
Bahrain	202	337	436	513	577	665	673
Bangladesh	769	999	1,192	1,496	1,853	2,160	2,261
Bhutan	37	44	50	63	71	71	83
Brunei Darussalam	87	102	93	136	114	164	180
Cambodia	*50	72	82	131	186	299	304
China	30,455	43,013	68,833	101,618	120,744	141,216	155,622
China, Hong Kong SAR	316	570	579	544	576	514	469
China, Macao SAR	13	22	27	32	43	36	37
Cyprus	58	90	94	103	85	89	94
Georgia	..	120	135	140	197	207	239
India	12,063	18,522	21,293	27,422	35,155	37,364	44,076
Indonesia	4,154	5,881	7,037	8,073	8,709	10,182	12,519
Iran (Islamic Rep. of)	2,819	5,386	7,216	8,579	10,024	11,963	12,256
Iraq	586	995	1,485	1,424	1,629	2,112	2,582
Israel	482	767	773	972	915	948	999
Japan	18,355	21,682	21,867	21,015	18,142	16,142	16,453
Jordan	140	207	291	308	369	338	358
Kazakhstan	..	1,554	2,356	3,363	3,180	2,764	2,901
Korea, Dem.Ppl's.Rep.	1,391	826	896	791	405	800	706
Korea, Republic of	3,866	7,877	8,820	10,454	11,463	11,536	11,734
Kuwait	566	824	1,133	1,337	1,410	1,505	1,771
Kyrgyzstan	..	101	114	115	167	150	189
Lao People's Dem. Rep.	*43	58	69	100	169	226	257
Lebanon	*113	207	206	262	337	332	218
Malaysia	757	1,959	2,745	2,965	3,429	3,752	4,159
Maldives	2	6	9	13	18	24	31
Mongolia	114	86	103	164	273	488	468
Myanmar	367	467	535	564	768	879	922
Nepal	239	338	381	433	494	630	*677
Oman	153	319	445	825	1,100	1,182	1,315
Other Asia	2,119	3,705	4,476	4,898	4,947	4,744	4,883
Pakistan	1,834	2,437	2,917	3,031	3,038	3,929	3,921
Philippines	1,113	1,598	1,523	1,701	2,136	2,373	2,578
Qatar	194	576	728	1,165	1,571	1,731	1,844
Saudi Arabia	2,694	4,623	6,220	8,277	9,767	10,274	10,265
Singapore	658	761	926	883	1,217	1,475	1,605
Sri Lanka	187	296	324	339	409	416	400
State of Palestine	*20	38	59	55	75	83	106
Syrian Arab Republic	476	729	741	911	458	451	429
Tajikistan	..	141	148	143	167	206	221
Thailand	1,778	3,055	4,049	4,932	5,685	5,731	5,634
Timor-Leste	..	..	4	5	7	9	9
Türkiye	2,211	3,182	3,529	4,442	5,390	6,131	6,530
Turkmenistan	..	625	754	951	972	991	1,706
United Arab Emirates	791	1,719	1,842	2,977	3,546	3,453	3,580
Uzbekistan	..	2,124	2,046	1,821	1,735	1,792	2,015
Viet Nam	791	1,262	1,756	2,334	3,207	4,327	4,262
Yemen	..	197	274	326	180	125	124
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	126,281	106,729	113,095	111,963	103,589	100,140	101,958
Albania	92	65	91	91	92	89	91

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Country or area	1990	2000	2005	2010	2015	2020	2022
Andorra	*7	9	10	10	9	7	8
Austria	1,041	1,198	1,413	1,428	1,372	1,326	1,315
Belarus	..	1,029	1,122	1,152	1,067	1,052	1,109
Belgium	1,999	2,418	2,423	2,506	2,186	2,098	2,108
Bosnia and Herzegovina	..	179	206	269	250	298	305
Bulgaria	1,181	773	826	741	775	727	799
Croatia	..	350	407	390	350	346	350
Czechia	..	1,746	1,898	1,892	1,758	1,683	1,740
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	726	780	791	812	677	642	648
Estonia	..	188	222	247	204	188	201
Faeroe Islands	10	*10	*10	*9	*9	*11	*11
Finland	1,186	1,353	1,440	1,528	1,351	1,322	1,313
France	9,345	10,500	11,374	10,969	10,531	9,097	8,812
German Dem. R. (former)	*3,688	..	..	..	..	..	..
Germany	..	14,081	14,156	13,791	12,932	11,653	11,326
Germany, Fed. R. (former)	11,425	..	..	..	..	..	..
Gibraltar	2	5	6	7	9	10	10
Greece	895	1,134	1,268	1,158	967	816	848
Guernsey	..	0	1	1	1	1	1
Hungary	1,200	1,046	1,174	1,109	1,053	1,098	1,075
Iceland	88	143	163	287	328	363	368
Ireland	417	580	618	611	557	557	569
Isle of Man	..	..	1	4	4	5	4
Italy	6,138	7,183	7,797	7,277	6,374	5,744	5,946
Jersey	*1	1	3	3	3	3	3
Kosovo	..	65	82	105	106	112	112
Latvia	..	161	190	189	179	180	178
Liechtenstein	1	2	3	3	3	3	3
Lithuania	..	295	364	292	292	310	286
Luxembourg	143	142	185	178	158	145	135
Malta	29	29	37	35	27	29	32
Montenegro	..	..	42	48	42	44	45
Netherlands (Kingd. of the)	2,771	3,106	3,316	3,443	2,792	2,886	2,624
North Macedonia	..	113	121	121	110	113	114
Norway	879	1,092	1,215	1,314	1,063	1,148	1,048
Poland	4,393	3,784	3,891	4,256	4,004	4,285	4,345
Portugal	703	1,031	1,109	977	918	848	850
Republic of Moldova	..	66	89	91	108	113	111
Romania	2,621	1,532	1,626	1,474	1,341	1,355	1,332
Russian Federation	..	25,994	27,338	28,932	28,943	30,495	33,523
Serbia	..	..	669	648	612	657	674
Serbia and Montenegro	..	556	..	..	..	..	..
Slovakia	..	740	777	766	699	683	692
Slovenia	..	274	315	307	276	271	270
Spain	3,762	5,073	5,914	5,334	4,909	4,528	4,797
Sweden	1,965	1,968	2,123	2,099	1,834	1,808	1,849
Switzerland	1,018	1,042	1,080	1,086	1,014	971	951
Ukraine	..	5,574	5,872	5,491	3,753	3,547	2,633
United Kingdom	8,612	9,317	9,318	8,485	7,548	6,473	6,396
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
Latin America & Carib.	19,657	25,525	29,376	33,114	35,419	32,376	35,128
Anguilla	*1	*1	*2	*2	2	2	2
Antigua and Barbuda	*4	*5	*7	*8	*8	*9	*9
Argentina	1,929	2,573	2,923	3,296	3,426	3,048	3,352
Aruba	*7	*54	58	*56	*13	*12	*13
Bahamas	*28	*28	*28	*32	32	29	42
Barbados	15	18	19	22	18	17	18

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Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2022
Belize	8	11	10	13	16	16	18
Bolivia (Plur. State of)	108	152	220	265	343	324	402
Bonaire, St Eustatius, Saba	..	..	..	..	*2	*2	*2
Brazil	5,972	7,998	9,212	10,946	12,393	11,705	12,337
British Virgin Islands	*1	*2	*2	*3	*3	*3	*3
Cayman Islands	4	*7	7	8	8	9	9
Chile	593	1,082	1,187	1,286	1,511	1,573	1,737
Colombia	982	1,100	1,179	1,392	1,626	1,719	1,683
Costa Rica	68	137	177	203	207	207	221
Cuba	604	452	404	488	454	342	364
Curaçao	..	..	..	..	108	33	36
Dominica	*1	2	2	3	*3	*2	*2
Dominican Republic	140	275	259	308	335	384	444
Ecuador	255	328	470	521	603	521	648
El Salvador	91	146	160	175	172	170	201
Falkland Is. (Malvinas)	1	0	1	1	1	1	*1
French Guiana	9	8	10	*12	..	..	..
Grenada	2	3	3	4	4	4	5
Guadeloupe	18	26	33	*32	..	..	..
Guatemala	195	307	385	394	480	650	717
Guyana	32	34	32	35	35	40	60
Haiti	101	128	138	159	176	187	182
Honduras	100	127	164	199	243	229	254
Jamaica	113	148	147	113	117	110	121
Martinique	21	*23	30	29	..	..	..
Mexico	5,179	6,314	7,559	7,557	7,830	7,246	7,650
Montserrat	0	0	1	1	1	0	0
Neth. Antilles (former)	82	83	84	69	..	..	..
Nicaragua	87	106	118	128	161	161	172
Panama	60	105	122	144	171	126	198
Paraguay	*114	188	180	204	258	292	294
Peru	421	514	565	808	904	946	1,183
Puerto Rico	*1	13	24	27	56	51	52
Saint Barthélemy	..	..	..	..	*1	*2	*2
Saint Martin (French Part)	..	..	..	..	*6	*6	*6
Sint Maarten (Dutch part)	..	..	..	..	*12	*10	*11
St. Kitts-Nevis	*2	*3	*3	3	*3	*3	*4
St. Lucia	*4	6	7	8	8	*8	*8
St. Vincent-Grenadines	*1	2	*3	3	4	4	*4
Suriname	29	36	26	40	43	45	44
Trinidad and Tobago	251	420	676	833	797	616	658
Turks and Caicos Islands	*1	*2	*3	*4	*5	*5	*5
Uruguay	96	119	126	173	213	219	233
Venezuela (Bolivar. Rep.)	1,928	2,439	2,609	3,105	2,608	1,287	1,724
Northern America	89,144	105,824	108,553	103,816	103,004	97,299	103,609
Bermuda	*7	*8	*9	*9	8	7	*8
Canada	8,849	10,551	11,264	10,883	11,466	11,899	12,456
Greenland	6	7	9	11	9	9	10
St. Pierre-Miquelon	1	*1	*1	*1	*1	*1	*1
United States	80,280	95,258	97,271	92,913	91,520	85,384	91,134
Oceania	4,423	5,513	5,773	6,522	6,602	6,913	6,601
American Samoa	*7	*6	*7	*7	*6	*6	*6
Australia	3,694	4,567	4,790	5,427	5,334	5,652	5,371
Cook Islands	*1	*1	1	*1	*1	*1	*1
Fiji	23	21	24	20	28	26	27
French Polynesia	*8	10	12	14	13	13	14
Kiribati	*1	1	1	1	1	*2	*2
Marshall Islands	..	*2	*2	*2	*2	*2	*2

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Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2022
Micronesia (Fed. States of)	..	*3	2	2	2	*2	*2
Nauru	*2	*1	*1	*1	*1	*1	*1
New Caledonia	21	30	37	46	61	63	64
New Zealand	564	746	743	837	963	935	895
Northern Mariana Islands	..	*7	*7	*5	*5	*4	*4
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	3	*3	*3	*3
Papua New Guinea	88	99	126	139	164	186	*192
Samoa	*3	4	4	4	5	5	5
Solomon Islands	*5	*6	*7	*8	8	*8	*7
Tonga	1	1	*2	2	2	2	2
Vanuatu	1	*2	2	3	3	4	4