

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

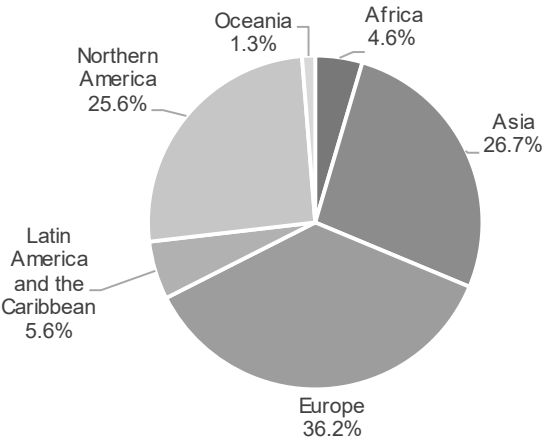


Figure 2: Total energy supply by region, 2021

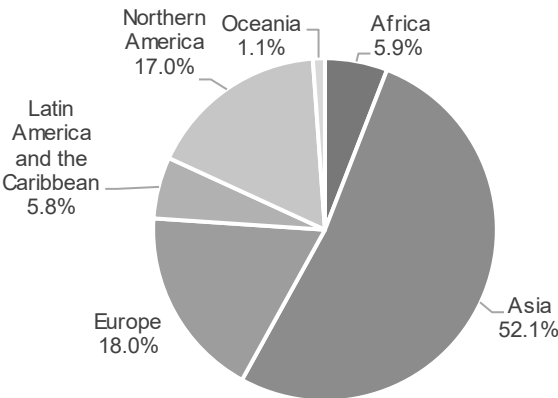


Figure 3: Total energy supply by region, 1990-2021

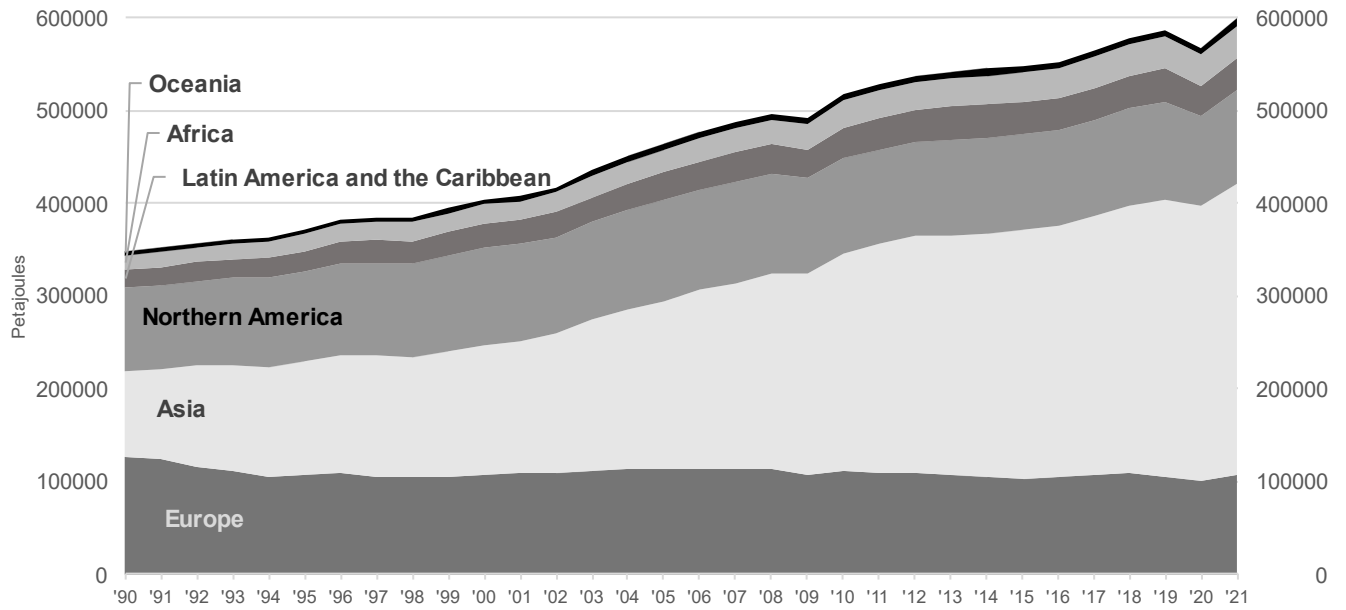


Table 1

Total Energy Supply

Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2021
World	348,594	405,205	463,700	517,517	547,941	567,854	599,167
Africa	15,891	20,999	24,537	28,316	31,494	33,698	35,266
Algeria	1,075	1,103	1,583	1,641	2,224	2,359	2,553
Angola	238	288	319	469	536	494	535
Benin	73	83	104	149	180	200	207
Botswana	39	57	65	74	80	84	88
Burkina Faso	*63	81	113	143	203	*251	*263
Burundi	*52	55	*56	*59	62	67	67
Cabo Verde	*3	*6	8	9	*9	*9	*9
Cameroon	203	266	306	293	384	424	427
Central African Rep.	31	*29	*32	36	36	*38	*38
Chad	48	62	71	82	96	103	107
Comoros	*3	*4	5	*6	*7	*10	*11
Congo	36	29	45	70	117	141	145
Côte d'Ivoire	204	278	418	347	412	452	549
Dem. Rep. of the Congo	495	584	698	832	1,210	1,371	1,413
Djibouti	*6	8	*9	11	11	11	*11
Egypt	1,222	2,231	2,683	3,182	3,391	3,811	4,179
Equatorial Guinea	5	11	65	77	109	105	124
Eritrea	..	30	29	31	35	39	40
Eswatini	*28	35	36	37	41	44	41
Ethiopia	..	1,031	1,204	1,400	1,655	1,886	1,934
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	49	61	72	93	111	104	105
Gambia	7	9	10	12	15	*17	*17
Ghana	187	265	241	287	387	490	502
Guinea	105	128	135	147	152	185	185
Guinea-Bissau	20	23	25	27	30	32	32
Kenya	439	*627	*686	*793	953	*993	*980
Lesotho	*36	*48	47	52	*47	*44	*56
Liberia	38	49	62	74	85	99	102
Libya	468	695	753	842	911	460	699
Madagascar	122	197	229	279	304	*381	*401
Malawi	64	65	70	76	81	90	92
Mali	*61	*85	119	176	221	292	*299
Mauritania	*23	29	36	46	*61	91	*87
Mauritius	33	49	57	63	67	57	59
Mayotte	*1	*2	*3	4	..	..	..
Morocco	345	478	606	762	799	894	965
Mozambique	249	293	365	309	441	442	470
Namibia	..	42	58	64	79	79	79
Niger	60	81	*77	70	95	*109	*112
Nigeria	2,781	3,657	4,429	5,387	6,125	6,721	6,896
Réunion	24	42	49	58	..	..	..
Rwanda	35	54	71	84	*98	*105	*108
Sao Tome and Principe	*1	*2	*2	3	3	*3	*3
Senegal	*81	97	114	160	178	195	212
Seychelles	2	4	5	6	7	*8	*9
Sierra Leone	50	53	56	60	69	71	75
Somalia	69	90	107	126	138	159	163
South Africa	4,104	4,892	5,169	5,857	5,609	5,494	5,474
South Sudan	..	..	..	..	35	32	33
Sudan	..	..	..	..	409	495	*528
Sudan (former)	451	556	654	711	..	..	..
Togo	55	89	99	130	131	163	158
Tunisia	199	296	342	427	457	450	485
Uganda	*324	403	525	654	815	1,081	1,086
United Rep. of Tanzania	409	564	699	796	919	1,042	1,083

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Country or area	1990	2000	2005	2010	2015	2020	2021
Zambia	222	263	301	340	408	468	*481
Zimbabwe	404	438	414	397	459	456	*488
Asia	93,197	140,614	182,354	233,950	267,537	296,410	312,368
Afghanistan	*39	31	46	*141	167	195	*179
Armenia	..	85	106	*106	135	156	160
Azerbaijan	..	485	573	486	605	644	679
Bahrain	202	337	436	513	577	667	650
Bangladesh	769	999	1,192	1,484	1,820	2,097	2,260
Bhutan	37	44	50	63	71	71	79
Brunei Darussalam	93	95	93	136	114	164	168
Cambodia	*50	72	82	131	186	276	276
China	30,398	42,516	68,833	101,618	120,324	140,174	148,885
China, Hong Kong SAR	316	570	579	544	576	514	514
China, Macao SAR	13	22	27	32	43	36	38
Cyprus	58	90	94	103	85	89	92
Georgia	..	120	135	140	198	208	221
India	12,063	18,519	21,289	27,410	35,123	37,306	40,057
Indonesia	4,154	5,881	7,037	8,073	8,709	10,182	10,237
Iran (Islamic Rep. of)	2,819	5,386	7,216	8,579	10,024	12,062	12,328
Iraq	586	995	1,485	1,424	1,629	1,989	1,962
Israel	482	767	773	972	915	948	955
Japan	18,355	21,682	21,867	21,015	18,140	16,160	16,765
Jordan	140	207	291	308	369	344	333
Kazakhstan	..	1,554	2,356	3,363	3,180	2,764	2,887
Korea, Dem.Ppl's.Rep.	1,391	826	896	791	405	800	682
Korea, Republic of	3,868	7,912	8,822	10,498	11,426	11,549	12,214
Kuwait	566	824	1,133	1,350	1,424	1,524	1,512
Kyrgyzstan	..	101	114	115	167	150	172
Lao People's Dem. Rep.	60	58	69	100	169	*244	*242
Lebanon	*113	207	206	262	337	*332	*268
Malaysia	757	1,959	2,745	2,965	3,429	3,771	3,984
Maldives	2	6	9	13	18	24	28
Mongolia	114	86	103	164	273	428	483
Myanmar	367	467	535	564	768	877	817
Nepal	239	338	381	433	494	630	645
Oman	153	319	445	825	1,100	1,126	1,244
Other Asia	2,119	3,705	4,476	4,898	4,947	4,744	5,105
Pakistan	1,834	2,437	2,953	3,096	3,104	4,118	4,379
Philippines	1,113	1,598	1,523	1,701	2,136	2,373	2,491
Qatar	194	576	728	1,165	1,546	1,753	1,788
Saudi Arabia	2,694	4,623	6,220	8,277	9,767	9,755	10,956
Singapore	658	761	926	883	1,217	1,475	1,498
Sri Lanka	187	296	324	339	409	411	453
State of Palestine	*20	38	58	54	72	82	87
Syrian Arab Republic	476	729	741	911	424	368	363
Tajikistan	..	141	148	143	167	206	205
Thailand	1,775	3,046	4,035	4,907	5,668	5,586	5,719
Timor-Leste	..	..	4	5	7	9	9
Türkiye	2,211	3,182	3,529	4,442	5,390	6,131	6,653
Turkmenistan	..	625	754	951	988	1,010	1,010
United Arab Emirates	791	1,719	1,842	2,977	3,571	3,637	3,553
Uzbekistan	..	2,124	2,046	1,821	1,735	1,796	1,996
Viet Nam	791	1,262	1,756	2,334	3,207	4,327	3,961
Yemen	..	197	274	326	180	129	127
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	126,281	106,729	113,093	111,938	103,779	101,039	108,076
Albania	92	65	91	91	92	86	95

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Country or area	1990	2000	2005	2010	2015	2020	2021
Andorra	*7	9	10	10	9	7	8
Austria	1,041	1,198	1,413	1,428	1,372	1,326	1,395
Belarus	..	1,029	1,122	1,152	1,067	1,052	1,142
Belgium	1,999	2,418	2,423	2,506	2,186	2,098	2,315
Bosnia and Herzegovina	..	179	206	269	250	298	308
Bulgaria	1,181	773	826	741	775	732	793
Croatia	..	350	407	390	350	346	361
Czechia	..	1,746	1,898	1,892	1,758	1,683	1,785
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	726	780	791	812	677	642	676
Estonia	..	188	222	247	204	188	192
Faeroe Islands	10	*10	*10	*9	*9	*11	*11
Finland	1,186	1,353	1,440	1,528	1,351	1,322	1,383
France	9,345	10,500	11,374	10,969	10,524	9,094	9,826
German Dem. R. (former)	*3,688	..	..	..	..	..	..
Germany	..	14,081	14,156	13,791	12,932	11,653	12,047
Germany, Fed. R. (former)	11,425	..	..	..	..	..	..
Gibraltar	2	5	6	7	9	10	11
Greece	895	1,134	1,268	1,158	967	816	842
Guernsey	..	0	1	1	1	1	1
Hungary	1,200	1,046	1,174	1,109	1,053	1,098	1,149
Iceland	88	143	163	287	328	363	363
Ireland	417	580	618	608	561	557	579
Isle of Man	..	..	1	4	4	5	4
Italy	6,138	7,183	7,797	7,277	6,374	5,744	6,248
Jersey	*1	1	3	3	3	3	3
Kosovo	..	65	82	105	106	112	122
Latvia	..	161	190	189	179	180	188
Liechtenstein	1	2	3	3	3	3	4
Lithuania	..	295	364	292	292	310	321
Luxembourg	143	142	185	178	158	145	153
Malta	29	29	37	35	27	29	30
Montenegro	..	..	42	48	42	44	46
Netherlands (Kingd. of the)	2,771	3,106	3,316	3,443	3,002	2,886	2,961
North Macedonia	..	113	119	121	116	117	115
Norway	879	1,092	1,215	1,314	1,063	1,148	1,189
Poland	4,393	3,784	3,891	4,256	4,004	4,285	4,550
Portugal	703	1,031	1,109	983	918	848	843
Republic of Moldova	..	66	89	91	108	113	124
Romania	2,621	1,532	1,626	1,474	1,341	1,355	1,440
Russian Federation	..	25,994	27,338	28,932	28,943	31,453	34,759
Serbia	..	..	669	648	612	657	668
Serbia and Montenegro	..	556	..	..	..	..	..
Slovakia	..	740	777	736	675	683	743
Slovenia	..	274	315	307	276	271	277
Spain	3,762	5,073	5,914	5,334	4,909	4,528	4,794
Sweden	1,965	1,968	2,123	2,099	1,834	1,807	1,945
Switzerland	1,018	1,042	1,080	1,086	1,013	971	954
Ukraine	..	5,574	5,872	5,491	3,753	3,547	3,668
United Kingdom	8,612	9,317	9,318	8,485	7,550	6,412	6,646
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
Latin America & Carib.	19,659	25,527	29,376	33,123	35,484	32,505	34,798
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	3,057	3,402
Aruba	*7	*54	58	*56	*13	*12	*12
Bahamas	*28	*28	*28	*32	32	29	36
Barbados	15	18	19	22	18	17	16

Table 1

Total Energy Supply

Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2021
Belize	8	11	10	12	16	15	17
Bolivia (Plur. State of)	108	152	220	265	343	324	378
Bonaire, St Eustatius, Saba	..	..	..	..	*1	*2	*2
Brazil	5,972	7,998	9,212	10,946	12,393	11,927	12,877
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	1,655
Colombia	983	1,103	1,180	1,402	1,706	1,681	1,778
Costa Rica	68	137	177	203	207	207	217
Cuba	604	452	403	488	454	342	359
Curaçao	..	..	..	..	108	30	33
Dominica	*1	2	2	3	*3	*2	*2
Dominican Republic	140	275	259	308	335	375	433
Ecuador	255	328	470	521	603	528	604
El Salvador	91	146	160	175	172	179	195
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	727
Guyana	32	34	32	35	35	42	49
Haiti	101	128	138	159	176	188	193
Honduras	100	127	164	198	237	224	238
Jamaica	113	148	147	113	117	110	116
Martinique	21	*23	30	29	..	..	..
Mexico	5,179	6,314	7,559	7,557	7,830	7,246	7,520
Montserrat	0	0	1	1	1	0	0
Neth. Antilles (former)	82	83	84	69	..	..	..
Nicaragua	87	106	118	128	161	162	168
Panama	60	105	122	144	171	131	185
Paraguay	*114	188	180	204	258	292	304
Peru	421	514	565	808	904	884	962
Puerto Rico	*1	13	24	27	56	51	72
Sint Maarten (Dutch part)	..	..	..	..	*12	*10	*11
St. Kitts-Nevis	*2	*3	*3	3	*3	*3	*3
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	42
Trinidad and Tobago	251	420	676	833	797	616	643
Turks and Caicos Islands	*1	*2	*3	*4	*5	*5	*5
Uruguay	96	119	126	173	213	219	234
Venezuela (Bolivar. Rep.)	1,928	2,439	2,609	3,105	2,608	1,287	1,269
Northern America	89,144	105,824	108,567	103,694	103,038	97,274	101,881
Bermuda	*7	*8	*9	*9	8	7	8
Canada	8,849	10,551	11,277	10,761	11,500	11,874	12,144
Greenland	6	7	9	11	9	9	9
St. Pierre-Miquelon	1	*1	*1	*1	*1	*1	*1
United States	80,280	95,258	97,271	92,913	91,520	85,384	89,719
Oceania	4,423	5,512	5,773	6,496	6,608	6,928	6,777
American Samoa	*7	*6	*7	*7	*6	*5	*5
Australia	3,694	4,567	4,790	5,396	5,328	5,652	5,494
Cook Islands	*1	*1	1	*1	*1	*1	*1
Fiji	23	21	24	20	25	*21	*22
French Polynesia	*7	9	12	14	13	13	13
Kiribati	*1	1	1	1	1	*2	*2
Marshall Islands	..	*2	*2	*2	*2	*2	*2
Micronesia (Fed. States of)	..	*3	2	2	2	*2	*2
Nauru	*2	*1	*1	*1	*1	*1	*1

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Petajoules

Country or area	1990	2000	2005	2010	2015	2020	2021
New Caledonia	21	30	37	46	61	63	57
New Zealand	565	747	744	837	964	936	942
Northern Mariana Islands	..	*7	*7	*7	*8	*5	*6
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	3	*3	*3	*3
Papua New Guinea	88	99	126	141	176	203	*208
Samoa	*3	4	4	4	5	*5	*5
Solomon Islands	*5	*6	*7	*8	8	*8	*8
Tonga	1	1	*2	2	2	3	3
Vanuatu	1	*2	2	3	3	4	4