

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

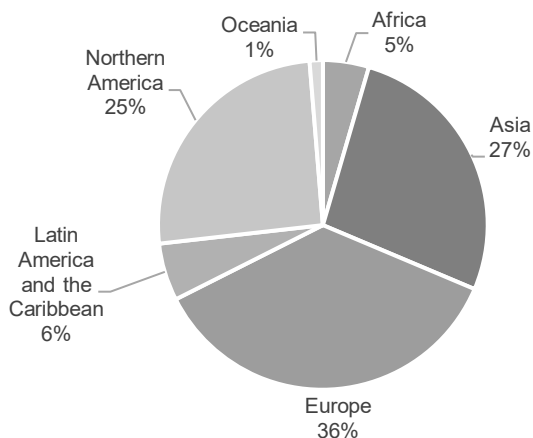


Figure 2: Total energy supply by region, 2020

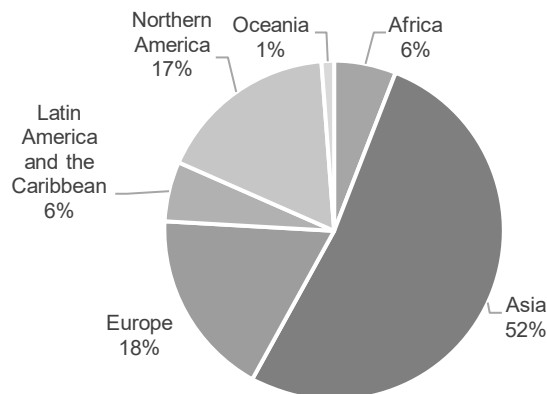


Figure 3: Total energy supply by region, 1990-2020

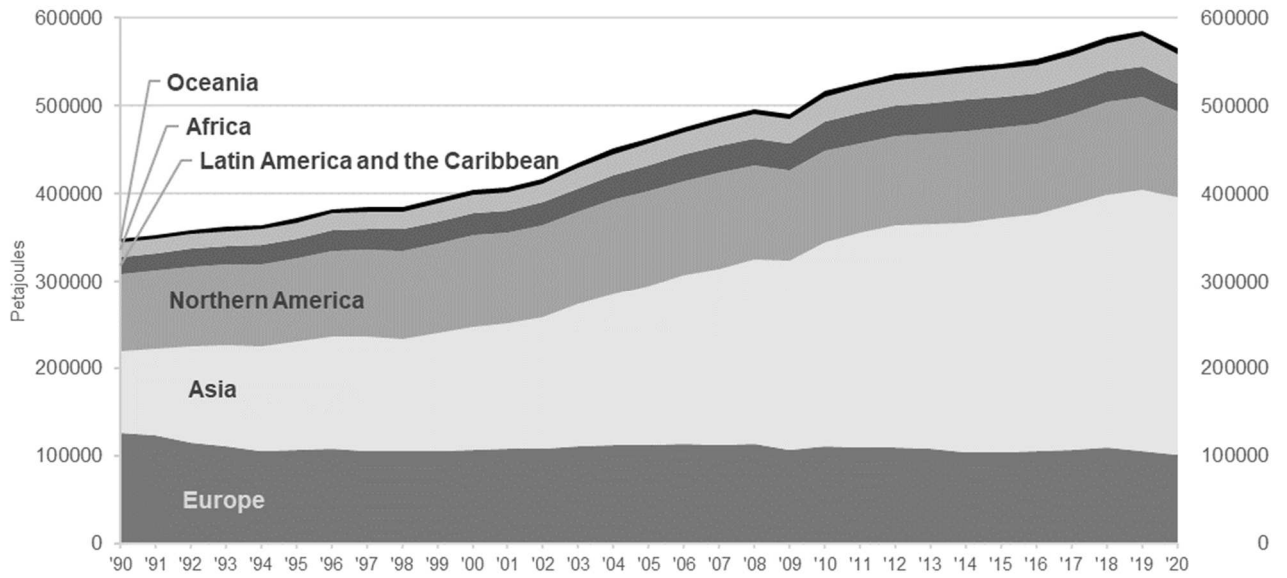


Table 1

Total Energy Supply

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2020
World	349,093	372,485	404,872	463,238	516,619	548,328	566,053
Africa	15,895	18,725	20,955	24,471	28,074	30,999	33,518
Algeria	1,075	1,270	1,103	1,583	1,641	2,224	2,388
Angola	238	266	288	319	469	515	505
Benin	73	87	83	104	149	180	232
Botswana	39	44	57	65	74	80	84
Burkina Faso	*63	*68	83	114	145	172	*200
Burundi	*52	*53	55	*56	*58	62	67
Cabo Verde	*3	*4	*6	8	9	*9	*9
Cameroon	203	237	266	306	293	384	423
Central African Rep.	31	31	*29	*32	36	36	*38
Chad	48	54	62	71	82	96	102
Comoros	*3	*3	*4	5	*6	*6	*9
Congo	36	40	29	45	70	117	136
Côte d'Ivoire	204	245	278	418	347	412	460
Dem. Rep. of the Congo	495	539	584	698	832	1,210	1,308
Djibouti	*6	*7	8	*9	11	10	10
Egypt	1,222	1,551	2,231	2,683	3,182	3,391	3,702
Equatorial Guinea	5	5	11	65	77	109	88
Eritrea	..	42	30	32	31	35	39
Eswatini	*28	*29	35	36	41	46	*46
Ethiopia	..	945	1,055	1,172	1,293	1,459	1,625
Ethiopia, incl. Eritrea	543	..	..	..	..	..	..
Gabon	49	56	61	72	93	111	108
Gambia	7	8	9	10	12	15	*17
Ghana	187	*249	265	241	287	387	490
Guinea	105	126	128	135	147	152	185
Guinea-Bissau	20	21	23	25	27	30	32
Kenya	439	518	*627	*686	*793	953	*1,032
Lesotho	*36	*41	*48	47	52	*46	*42
Liberia	38	31	49	62	75	81	99
Libya	468	653	695	815	869	763	679
Madagascar	100	125	*155	*169	*200	*277	*381
Malawi	64	65	65	70	76	81	91
Mali	*61	*71	*86	120	*153	*195	*245
Mauritania	*23	*26	29	36	46	*61	81
Mauritius	33	41	49	57	63	67	57
Mayotte	*1	*2	*2	*3	4	..	..
Morocco	345	423	478	606	762	799	892
Mozambique	249	264	293	365	309	455	453
Namibia	..	38	39	54	63	78	77
Niger	60	70	81	*77	70	95	*114
Nigeria	2,780	3,052	3,642	4,401	5,325	6,023	6,639
Réunion	24	31	42	49	58	..	..
Rwanda	35	54	54	71	84	*98	*105
Sao Tome and Principe	*1	1	*2	*2	3	3	*3
Senegal	*81	*87	97	114	160	178	195
Seychelles	2	*3	4	5	6	7	*8
Sierra Leone	50	45	53	56	60	69	71
Somalia	69	77	90	107	126	138	159
South Africa	4,104	4,698	4,892	5,171	5,867	5,614	5,510
South Sudan	..	..	..	..	..	35	32
Sudan	..	..	..	..	..	503	520
Sudan (former)	451	506	556	654	711	..	..
Togo	55	71	89	99	130	131	151
Tunisia	199	232	296	342	427	457	450
Uganda	351	390	396	516	645	804	1,222
United Rep. of Tanzania	409	463	564	699	793	875	1,006

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Country or area	1990	1995	2000	2005	2010	2015	2020
Zambia	222	244	263	301	340	408	468
Zimbabwe	405	421	438	414	397	458	435
Asia	93,705	123,558	140,279	181,863	233,106	268,066	294,918
Afghanistan	*39	*33	31	46	*141	169	197
Armenia	..	69	85	106	*106	135	152
Azerbaijan	..	536	485	573	486	605	643
Bahrain	202	257	337	348	513	577	667
Bangladesh	769	918	999	1,192	1,483	1,768	2,079
Bhutan	37	39	44	48	57	64	67
Brunei Darussalam	93	106	95	93	136	114	163
Cambodia	121	119	142	161	196	252	357
China	30,398	39,212	42,516	68,833	101,618	120,324	140,213
China, Hong Kong SAR	316	398	570	579	544	576	514
China, Macao SAR	15	18	24	29	32	43	36
Cyprus	58	71	90	94	103	86	89
Georgia	..	88	120	135	140	198	208
India	12,063	14,882	18,356	21,126	27,410	35,123	38,178
Indonesia	4,154	5,220	5,881	7,037	8,073	8,709	10,345
Iran (Islamic Rep. of)	2,819	3,887	5,386	7,216	8,579	10,024	11,074
Iraq	586	1,072	995	1,485	1,424	1,629	1,896
Israel	482	652	767	773	972	915	884
Japan	18,355	20,722	21,682	21,867	21,015	18,143	16,145
Jordan	140	174	207	291	308	369	347
Kazakhstan	..	2,173	1,554	2,356	3,363	3,180	2,759
Korea, Dem.Ppl's.Rep.	1,391	921	826	896	622	332	626
Korea, Republic of	3,868	6,121	7,912	8,822	10,498	11,426	11,549
Kuwait	566	835	824	1,133	1,350	1,424	1,530
Kyrgyzstan	..	101	101	114	115	167	150
Lao People's Dem. Rep.	60	63	58	69	100	169	*246
Lebanon	*113	174	207	206	262	337	*311
Malaysia	757	1,708	1,959	2,745	2,965	3,425	3,881
Maldives	2	4	6	9	13	18	24
Mongolia	114	88	86	103	164	273	428
Myanmar	466	495	538	616	660	847	957
Nepal	239	299	349	388	446	502	634
Oman	153	236	319	445	825	1,100	1,127
Other Asia	1,965	2,612	3,510	4,231	4,624	4,666	4,460
Pakistan	1,834	2,182	2,437	2,964	3,092	3,314	3,685
Philippines	1,119	1,312	1,603	1,525	1,706	2,143	2,381
Qatar	194	547	576	728	1,165	1,546	1,753
Saudi Arabia	3,178	3,881	4,487	6,047	7,707	10,307	9,445
Singapore	658	645	761	926	883	1,217	1,135
Sri Lanka	187	225	296	324	339	409	408
State of Palestine	*20	*22	38	58	54	72	82
Syrian Arab Republic	476	585	729	741	911	424	368
Tajikistan	..	146	141	148	143	167	205
Thailand	1,775	2,620	3,046	4,035	4,907	5,668	5,243
Timor-Leste	..	..	..	4	5	7	9
Türkiye	2,211	2,578	3,182	3,529	4,442	5,390	6,131
Turkmenistan	..	574	625	754	951	988	1,062
United Arab Emirates	791	1,108	1,719	1,842	2,977	3,571	3,637
Uzbekistan	..	1,780	2,124	2,046	1,821	1,735	1,796
Viet Nam	791	908	1,262	1,756	2,334	3,238	4,512
Yemen	..	142	197	274	326	180	129
Yemen Arab Rep. (former)	*47	..	..	..	..	..	..
Yemen, Dem. (former)	*84	..	..	..	..	..	..
Europe	126,279	106,720	106,723	113,088	111,981	103,979	100,980
Albania	92	47	65	91	91	91	86

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Country or area	1990	1995	2000	2005	2010	2015	2020
Andorra	*7	7	9	10	10	9	7
Austria	1,041	1,123	1,198	1,413	1,428	1,372	1,321
Belarus	..	1,038	1,029	1,121	1,152	1,067	1,052
Belgium	1,999	2,231	2,418	2,423	2,506	2,186	2,097
Bosnia and Herzegovina	..	62	179	206	269	250	298
Bulgaria	1,181	966	773	826	741	775	732
Croatia	..	325	349	407	390	350	346
Czechia	..	1,760	1,746	1,898	1,892	1,758	1,681
Czechoslovakia (former)	2,950	..	..	..	..	..	..
Denmark	726	809	780	791	813	677	645
Estonia	..	217	188	222	242	231	188
Faeroe Islands	10	*8	*10	*10	*9	*9	*11
Finland	1,186	1,208	1,353	1,440	1,528	1,351	1,322
France	9,345	9,886	10,500	11,374	10,969	10,524	9,110
German Dem. R. (former)	*3,688	..	..	..	..	..	..
Germany	..	14,083	14,081	14,156	13,791	12,932	11,646
Germany, Fed. R. (former)	11,425	..	..	..	..	..	..
Gibraltar	2	4	5	6	7	9	10
Greece	895	950	1,134	1,268	1,158	967	816
Guernsey	..	..	0	1	1	1	1
Hungary	1,200	1,083	1,046	1,174	1,109	1,053	1,099
Iceland	87	90	139	158	286	327	362
Ireland	417	448	580	618	608	561	555
Isle of Man	..	..	..	1	4	4	5
Italy	6,138	6,668	7,183	7,797	7,277	6,374	5,743
Jersey	*1	1	1	3	3	3	3
Kosovo	..	..	65	82	105	106	112
Latvia	..	193	161	190	189	179	180
Liechtenstein	1	2	2	3	3	3	3
Lithuania	..	363	295	364	292	292	310
Luxembourg	143	133	142	185	178	158	145
Malta	29	30	29	37	35	27	29
Montenegro	..	..	..	42	48	42	44
Netherlands	2,771	3,042	3,106	3,316	3,443	2,997	2,884
North Macedonia	..	104	113	119	121	116	117
Norway	879	981	1,092	1,215	1,365	1,237	1,139
Poland	4,393	4,249	3,784	3,891	4,256	4,004	4,285
Portugal	703	846	1,031	1,109	983	918	848
Republic of Moldova	..	186	66	89	91	109	115
Romania	2,621	1,925	1,532	1,626	1,474	1,341	1,355
Russian Federation	..	26,720	25,994	27,338	28,932	28,943	31,453
Serbia	..	..	..	669	648	612	657
Serbia and Montenegro	..	522	556	..	..	..	..
Slovakia	..	742	740	777	736	675	683
Slovenia	..	254	274	315	307	276	270
Spain	3,762	4,211	5,073	5,914	5,334	4,909	4,528
Sweden	1,965	2,086	1,968	2,123	2,099	1,834	1,827
Switzerland	1,018	1,004	1,042	1,080	1,086	1,013	971
Ukraine	..	7,073	5,574	5,872	5,491	3,753	3,447
United Kingdom	8,612	9,037	9,317	9,318	8,481	7,556	6,440
USSR (former)	55,194	..	..	..	..	..	..
Yugoslavia, SFR (former)	1,797	..	..	..	..	..	..
Latin America & Carib.	19,658	22,245	25,520	29,380	33,191	35,511	32,408
Anguilla	*1	*1	*1	*2	*2	2	2
Antigua and Barbuda	*4	*4	*5	*7	*8	*8	*9
Argentina	1,928	2,194	2,564	2,919	3,295	3,423	3,088
Aruba	*7	*10	*54	58	*56	*13	*13
Bahamas	*28	*26	*28	*28	*32	*32	31
Barbados	19	19	24	24	26	22	17

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Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2020
Belize	8	10	11	11	13	16	15
Bolivia (Plur. State of)	108	156	153	221	265	343	324
Bonaire, St Eustatius, Saba	..	..	..	..	..	*1	*2
Brazil	5,972	7,069	7,998	9,212	10,946	12,393	11,927
British Virgin Islands	*1	1	*2	*2	*3	*3	*2
Cayman Islands	4	*5	*7	7	8	8	9
Chile	593	780	1,082	1,187	1,286	1,511	1,584
Colombia	983	1,104	1,103	1,180	1,402	1,689	1,681
Costa Rica	68	110	137	177	203	207	207
Cuba	604	414	459	411	505	459	341
Curaçao	..	..	..	..	..	108	30
Dominica	*1	1	2	2	3	*3	*2
Dominican Republic	140	223	275	259	308	335	344
Ecuador	255	339	328	470	521	603	526
El Salvador	91	133	146	160	175	172	179
Falkland Is. (Malvinas)	1	*1	0	1	1	1	1
French Guiana	9	*9	8	10	*12	..	..
Grenada	2	2	3	3	4	4	4
Guadeloupe	18	*21	26	33	*32	..	..
Guatemala	195	252	307	361	388	480	558
Guyana	32	32	34	32	35	35	39
Haiti	101	107	128	138	159	176	177
Honduras	100	120	127	164	198	237	224
Jamaica	113	130	148	147	113	117	102
Martinique	21	*22	*23	30	29	..	..
Mexico	5,179	5,516	6,314	7,559	7,557	7,830	7,487
Montserrat	0	0	0	1	1	1	0
Neth. Antilles (former)	82	*95	83	84	69	..	..
Nicaragua	87	104	106	118	128	161	162
Panama	60	71	105	122	144	171	174
Paraguay	*96	131	175	198	258	281	292
Peru	421	464	514	565	808	904	882
Puerto Rico	*1	0	13	24	28	56	50
Sint Maarten (Dutch part)	..	..	..	..	..	*12	*10
St. Kitts-Nevis	*2	*2	*3	*3	3	*3	*3
St. Lucia	*4	*5	6	7	8	8	*8
St. Vincent-Grenadines	*1	*2	2	*3	3	4	4
Suriname	29	34	36	26	40	43	45
Trinidad and Tobago	251	251	420	676	833	797	615
Turks and Caicos Islands	*1	*1	*2	*3	*4	*5	*5
Uruguay	96	107	119	126	173	213	219
Venezuela (Bolivar. Rep.)	1,944	2,167	2,439	2,609	3,105	2,622	1,012
Northern America	89,133	96,445	105,882	108,664	103,770	103,158	97,441
Bermuda	*7	*8	*8	*9	*9	8	7
Canada	8,838	9,783	10,609	11,374	10,837	11,619	11,908
Greenland	6	6	7	9	11	9	9
St. Pierre-Miquelon	1	1	*1	*1	*1	*1	*1
United States	80,280	86,647	95,258	97,271	92,913	91,520	85,517
Oceania	4,423	4,793	5,512	5,773	6,496	6,614	6,787
American Samoa	*7	*6	*6	*7	*7	*4	*4
Australia	3,694	3,962	4,567	4,790	5,396	5,330	5,514
Cook Islands	*1	*1	*1	1	*1	*1	*1
Fiji	23	*23	21	24	20	25	*21
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
Nauru	*2	*1	*1	*1	*1	*1	*1

Table 1**Total Energy Supply**

Petajoules

Country or area	1990	1995	2000	2005	2010	2015	2020
New Caledonia	21	27	30	37	46	61	63
New Zealand	565	650	747	744	838	964	935
Northern Mariana Islands	..	*6	*7	*7	*7	*8	*5
Pacific Islands (former)	*3	..	..	..	..	..	..
Palau	..	*3	*3	*3	3	*3	*3
Papua New Guinea	88	89	99	126	141	181	200
Samoa	*3	*4	4	4	4	5	*5
Solomon Islands	*5	*6	*6	*7	*8	8	*8
Tonga	1	1	1	*2	2	2	3
Vanuatu	1	*1	*2	2	3	3	4