

Total final consumption and its components

Petajoules and Gigajoules per capita

Table Notes

Total final consumption refers to all fuel and energy that is delivered to users for both their energy and non-energy uses which do not involve a transformation process.

Non-energy use consists of the use of energy products as raw materials for the manufacture of products outside the scope of energy statistics, as well as for direct uses that do not involve using the products as a source of energy, nor as a transformation input. Examples are lubrication, sealing, preservation, road surfacing, and use as a solvent.

Industry refers to the use of energy products for energy purposes by economic units belonging to manufacturing, construction and non-fuel mining industries, namely the following: Iron and steel, Chemical and petrochemical, Non-ferrous metals, Non-metallic minerals; Transport equipment; Machinery; Mining and quarrying; Food and Tobacco; Paper, pulp and print; Wood and wood products (other than pulp and paper); Textile and leather; Construction; and Industries not elsewhere specified. It excludes the use of energy products for transport.

Transport refers to the consumption of fuels and electricity by any economic entity to transport goods or persons between points of departure and destination within the national territory. As such, it excludes international aviation and shipping, which are included under international marine and aviation bunkers respectively.

Other refers to energy consumed by consumers not classified under Industry. It includes Households, Commerce and public services, Agriculture, Forestry, Fishing, and Not elsewhere specified.

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 9: World total final consumption by component, 2022

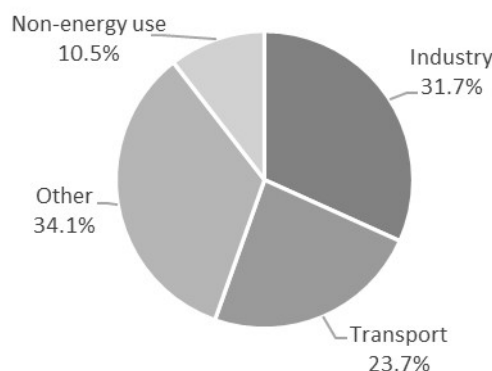


Figure 10: Total final consumption by region, 1990-2022

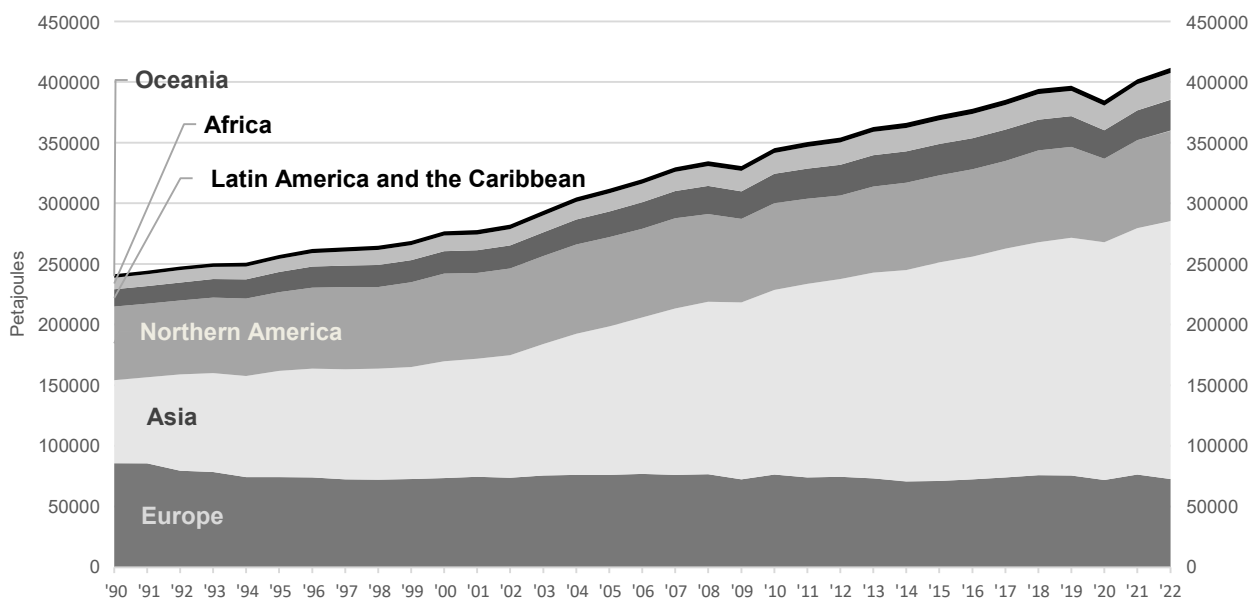


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Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
World	2019	396,995	40,685	121,502	98,675	136,133	51
	2020	384,664	41,834	120,242	87,545	135,044	49
	2021	402,218	43,077	124,714	94,624	139,803	51
	2022	411,711	43,277	130,696	97,493	140,245	51
Africa	2019	20,793	844	3,614	5,109	11,226	15
	2020	20,387	786	3,487	4,495	11,619	15
	2021	21,498	860	3,733	4,997	11,908	15
	2022	22,127	897	3,961	5,123	12,145	15
Algeria	2019	1,805	169	307	638	690	42
	2020	1,659	148	306	568	638	38
	2021	1,754	146	342	609	656	39
	2022	1,885	175	354	637	719	41
Angola	2019	*438	*5	*43	*105	*285	*14
	2020	*413	3	*55	*65	*290	*12
	2021	*444	4	*51	*100	*289	*13
	2022	*470	*5	*48	*115	*302	*13
Benin	2019	154	0	7	57	90	12
	2020	158	0	8	58	92	12
	2021	169	8	7	59	94	13
	2022	172	5	8	62	96	12
Botswana	2019	69	1	11	40	17	30
	2020	64	1	10	36	17	27
	2021	66	1	11	38	17	28
	2022	66	1	14	34	17	27
Burkina Faso	2019	216	0	14	*39	163	10
	2020	*219	0	*14	38	*167	*10
	2021	*230	0	*15	44	*172	*10
	2022	*234	0	*15	*46	*173	*10
Burundi	2019	*58	0	*1	8	*49	*5
	2020	*60	*1	*1	9	*49	*5
	2021	*56	0	*1	9	*46	*4
	2022	*58	*1	*1	*10	*46	*4
Cabo Verde	2019	*8	0	0	*4	*4	*16
	2020	*7	0	0	*3	*3	*13
	2021	*7	0	0	*3	*4	*14
	2022	*7	0	0	*4	*3	*14
Cameroon	2019	*337	3	18	47	*268	*13
	2020	*344	3	18	47	*276	*13
	2021	*356	3	20	49	*284	*13
	2022	*367	3	21	51	*292	*13
Central African Rep.	2019	42	0	1	4	38	9
	2020	44	0	1	4	39	9
	2021	48	0	1	4	43	9
	2022	*48	0	*1	*5	*43	*9
Chad	2019	*86	0	*2	20	*64	*5
	2020	*88	0	*1	22	*65	*5
	2021	*91	0	*2	24	*65	*5
	2022	*92	0	*2	24	*66	*5
Comoros	2019	*7	..	*1	*2	*4	*10
	2020	*8	..	*1	*3	*4	*10
	2021	*10	..	*1	*5	*5	*12
	2022	*10	..	*1	*5	*5	*12

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Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Congo	2019	83	1	3	18	60	15
	2020	82	1	3	17	61	14
	2021	83	1	3	17	62	14
	2022	86	1	3	17	64	14
Côte d'Ivoire	2019	302	2	28	58	214	11
	2020	316	2	29	57	228	11
	2021	381	2	24	85	270	13
	2022	412	2	39	102	269	14
Dem. Rep. of the Congo	2019	*968	0	*38	*45	*885	*10
	2020	*1,013	0	*42	*47	*924	*11
	2021	*1,041	0	*43	*45	*953	*10
	2022	*1,097	0	*46	*65	*986	*11
Djibouti	2019	*9	0	*1	*2	*6	*9
	2020	*8	0	*1	*2	*5	*8
	2021	*9	0	*1	*2	*6	*8
	2022	*9	0	*1	*2	*6	*8
Egypt	2019	2,456	305	689	704	757	23
	2020	2,421	306	610	516	988	22
	2021	2,623	333	728	566	996	24
	2022	2,728	298	886	546	997	24
Equatorial Guinea	2019	*78	0	*61	9	*9	*47
	2020	*89	0	*72	7	*9	*52
	2021	*110	0	*94	7	*8	*62
	2022	*120	0	*104	7	*8	*67
Eritrea	2019	26	0	0	3	22	8
	2020	26	0	0	3	23	8
	2021	27	0	1	3	23	8
	2022	*28	0	1	3	*24	*8
Eswatini	2019	42	0	17	9	16	36
	2020	42	0	16	11	15	35
	2021	41	0	15	10	15	34
	2022	41	0	15	12	14	33
Ethiopia	2019	1,536	4	74	103	1,356	13
	2020	1,551	4	70	95	1,382	13
	2021	*1,576	4	81	103	*1,387	*13
	2022	*1,610	4	81	100	*1,424	*13
Gabon	2019	*56	0	16	3	*37	*25
	2020	53	1	15	2	35	23
	2021	53	1	15	3	35	22
	2022	55	1	16	3	36	23
Gambia	2019	*11	..	*2	*1	*8	*5
	2020	*11	..	*2	*1	*8	*4
	2021	*11	..	*2	*1	*8	*4
	2022	*11	..	*2	*1	*8	*4
Ghana	2019	331	*4	48	127	152	11
	2020	352	*3	51	139	159	11
	2021	390	*3	62	151	174	12
	2022	378	*3	70	139	167	11
Guinea	2019	*161	*2	*22	*31	*106	*12
	2020	*165	*3	*24	*32	*107	*12
	2021	*168	*3	*25	*34	*108	*12
	2022	*169	*3	*25	*34	*108	*12

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				Industry	Transport	Other	
Guinea-Bissau	2019	*14	0	0	*1	*12	*7
	2020	*15	0	0	*1	*13	*7
	2021	*16	0	0	*1	*15	*8
	2022	*17	0	0	*1	*15	*8
Kenya	2019	*668	3	47	147	*471	*13
	2020	*669	4	47	142	*476	*13
	2021	*690	7	59	149	*476	*13
	2022	*696	7	64	147	*478	*13
Lesotho	2019	*46	0	*19	7	*20	*21
	2020	*43	0	*17	6	*20	*19
	2021	*56	0	*29	6	*20	*25
	2022	50	0	20	7	22	22
Liberia	2019	*88	0	0	8	*80	*17
	2020	*88	0	0	5	*82	*17
	2021	*90	0	0	5	*85	*17
	2022	*95	0	0	*6	*88	*18
Libya	2019	412	13	37	240	122	59
	2020	375	6	24	235	110	53
	2021	413	15	38	238	123	58
	2022	430	17	42	248	124	60
Madagascar	2019	266	*3	32	*21	210	9
	2020	*271	2	*32	*18	*219	*9
	2021	*288	*2	*33	*21	*232	*10
	2022	*289	*2	*32	*23	*232	*9
Malawi	2019	153	0	14	*18	121	8
	2020	154	0	14	16	124	8
	2021	155	0	13	16	127	8
	2022	159	0	13	16	130	8
Mali	2019	*171	..	*5	47	*119	*8
	2020	*179	..	*5	55	*119	*8
	2021	188	..	*4	64	119	8
	2022	182	..	*6	54	122	8
Mauritania	2019	*74	*3	15	*23	*33	*17
	2020	*76	*2	18	*24	*33	*17
	2021	*73	*1	16	*27	*28	*15
	2022	*83	*1	18	*28	*36	*17
Mauritius	2019	44	1	9	23	11	34
	2020	35	0	8	17	10	27
	2021	34	0	8	16	10	27
	2022	41	*1	8	21	11	32
Morocco	2019	712	23	139	258	293	20
	2020	667	22	126	225	293	18
	2021	719	23	141	253	303	19
	2022	695	18	131	238	308	19
Mozambique	2019	*334	8	60	49	*218	*11
	2020	*328	7	56	45	*220	*11
	2021	*348	8	57	57	*226	*11
	2022	*361	8	61	59	*233	*11
Namibia	2019	68	1	7	28	*33	26
	2020	64	1	6	25	*32	23
	2021	*66	1	6	26	*33	*23
	2022	65	1	9	25	29	22

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				Industry	Transport	Other	
Niger	2019	*116	..	*3	*15	*98	*5
	2020	*117	..	3	14	*100	*5
	2021	*119	..	5	13	*102	*5
	2022	*130	..	*5	21	*104	*5
Nigeria	2019	2,042	58	324	827	833	10
	2020	1,966	58	327	711	869	9
	2021	2,133	70	364	805	894	10
	2022	2,184	67	362	856	899	10
Rwanda	2019	*86	0	*7	*10	*69	*7
	2020	*87	0	*7	*9	*70	*7
	2021	*90	0	*7	*11	*71	*7
	2022	*94	0	*8	*11	*75	*7
Sao Tome and Principe	2019	*2	0	0	1	*1	*9
	2020	*2	0	0	*1	*1	*9
	2021	*2	0	0	*1	*1	*9
	2022	*2	0	0	*1	*1	*9
Senegal	2019	129	..	*34	41	55	8
	2020	124	..	26	39	60	7
	2021	146	0	25	57	64	9
	2022	163	0	27	66	70	9
Seychelles	2019	*5	0	0	*2	2	*42
	2020	*5	0	*1	*2	2	*42
	2021	*5	0	*1	*3	2	*43
	2022	*6	0	*1	*3	*2	*44
Sierra Leone	2019	*58	0	*1	9	*48	*8
	2020	*59	0	*1	10	*48	*7
	2021	*62	0	*2	11	*49	*8
	2022	*62	0	*2	11	*49	*8
Somalia	2019	*123	..	*1	*6	*116	*8
	2020	*127	..	*2	*7	*118	*8
	2021	*130	..	*2	*7	*121	*8
	2022	*134	..	*2	*7	*124	*8
South Africa	2019	2,521	165	981	727	649	42
	2020	2,342	176	938	618	609	39
	2021	2,401	185	911	679	627	39
	2022	2,414	236	891	674	612	39
South Sudan	2019	25	..	1	13	10	2
	2020	24	..	1	12	10	2
	2021	25	..	1	13	11	2
	2022	24	..	1	12	11	2
St. Helena and Depend.	2019	0	..	..	0	0	27
	2020	0	..	..	0	0	*21
	2021	0	..	..	0	0	*18
	2022	0	..	..	0	0	*21
Sudan	2019	*466	*51	*40	*175	*199	*10
	2020	419	*16	*47	*143	213	9
	2021	*432	*21	*45	*165	*200	*9
	2022	*430	*22	*46	*162	*201	*9
Togo	2019	89	0	5	11	73	11
	2020	96	0	4	16	77	11
	2021	*97	0	4	18	*76	*11
	2022	*99	0	5	17	*77	*11

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				Industry	Transport	Other	
Tunisia	2019	346	9	88	103	146	29
	2020	326	7	79	100	141	27
	2021	355	8	87	113	147	29
	2022	363	7	89	116	152	30
Uganda	2019	790	*1	116	50	624	18
	2020	864	1	125	48	690	19
	2021	869	*1	92	52	723	19
	2022	*880	*1	82	51	*746	*19
United Rep. of Tanzania	2019	*900	3	*104	110	*684	*15
	2020	*906	3	*100	111	*692	*15
	2021	*934	3	*105	131	*696	*15
	2022	*954	3	*110	137	*704	*15
Zambia	2019	346	3	83	29	231	19
	2020	358	3	88	35	232	19
	2021	*382	3	98	*43	*239	*20
	2022	*404	2	104	*45	*253	*20
Zimbabwe	2019	416	1	37	32	345	27
	2020	410	1	33	23	353	26
	2021	435	*1	39	24	371	28
	2022	472	1	72	34	365	29
Asia	2019	196,143	23,092	77,780	32,634	62,637	42
	2020	196,093	25,017	77,669	30,448	62,959	42
	2021	203,281	25,478	80,097	32,284	65,422	43
	2022	212,463	26,251	86,716	33,205	66,291	45
Afghanistan	2019	*177	*5	*45	62	*64	*5
	2020	*186	*5	*47	70	*64	*5
	2021	*170	*4	*40	*65	*61	*4
	2022	*172	*3	*45	*62	*61	*4
Armenia	2019	108	*2	13	34	59	37
	2020	115	3	14	36	63	40
	2021	122	3	16	38	66	42
	2022	126	3	18	37	68	44
Azerbaijan	2019	457	73	60	121	203	45
	2020	451	74	60	98	220	44
	2021	484	82	62	110	229	47
	2022	533	92	71	130	240	52
Bahrain	2019	281	76	97	53	55	189
	2020	277	74	102	48	54	187
	2021	297	80	109	51	58	198
	2022	307	84	109	55	59	200
Bangladesh	2019	1,576	66	392	170	948	10
	2020	*1,512	62	378	150	*922	*9
	2021	1,697	86	439	166	1,006	10
	2022	1,688	69	439	183	996	10
Bhutan	2019	74	1	12	7	54	97
	2020	70	1	10	5	54	91
	2021	75	0	14	5	55	97
	2022	77	1	15	6	56	99
Brunei Darussalam	2019	66	25	8	18	14	149
	2020	66	22	12	17	14	147
	2021	61	18	13	16	14	134
	2022	60	17	13	17	13	132

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				Industry	Transport	Other	
Cambodia	2019	203	1	38	*89	76	12
	2020	225	4	48	92	81	13
	2021	237	8	53	92	83	14
	2022	247	8	57	95	87	14
China	2019	83,951	9,279	40,096	10,888	23,687	59
	2020	87,128	11,071	41,274	*10,519	24,264	61
	2021	91,583	11,634	42,784	*11,297	25,868	64
	2022	97,072	13,215	46,394	10,993	26,470	68
China, Hong Kong SAR	2019	340	1	*32	*96	211	45
	2020	330	1	*31	*93	205	44
	2021	320	*2	*28	*82	208	43
	2022	278	*2	23	58	195	37
China, Macao SAR	2019	33	2	2	6	23	50
	2020	31	*2	2	5	22	45
	2021	33	*2	2	5	23	47
	2022	31	*2	2	5	22	44
Cyprus	2019	68	2	10	29	27	53
	2020	64	2	10	26	26	49
	2021	67	2	10	28	26	51
	2022	67	2	11	28	27	50
Georgia	2019	192	14	35	59	84	51
	2020	188	13	33	56	85	49
	2021	205	12	35	63	96	54
	2022	217	12	37	67	100	57
India	2019	28,512	*1,567	13,195	2,226	11,523	21
	2020	27,339	*2,082	12,243	1,990	11,024	19
	2021	28,239	1,883	12,784	2,089	*11,484	20
	2022	30,028	*1,617	13,630	2,300	12,481	21
Indonesia	2019	6,949	370	2,943	1,093	2,543	26
	2020	6,416	273	2,617	1,024	2,502	23
	2021	6,210	266	2,348	1,177	2,419	22
	2022	8,169	350	4,098	1,363	2,357	29
Iran (Islamic Rep. of)	2019	8,899	1,122	2,232	2,087	3,458	102
	2020	9,129	1,191	2,424	1,880	3,633	104
	2021	9,244	839	2,633	2,068	3,704	105
	2022	9,312	836	2,677	2,080	3,719	104
Iraq	2019	989	29	208	478	274	24
	2020	903	31	191	398	283	21
	2021	1,064	36	219	495	314	25
	2022	1,157	21	243	570	323	26
Israel	2019	664	73	127	252	213	77
	2020	630	76	114	226	213	72
	2021	634	71	108	241	214	71
	2022	664	65	101	259	239	73
Japan	2019	11,740	1,414	3,376	2,903	4,048	93
	2020	11,056	1,250	3,179	2,616	4,010	88
	2021	11,155	1,286	3,275	2,651	3,942	89
	2022	10,881	1,139	3,171	2,697	3,874	87
Jordan	2019	271	8	26	*132	105	25
	2020	236	6	24	100	106	22
	2021	245	0	26	114	105	22
	2022	260	*3	30	117	110	23

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				Industry	Transport	Other	
Kazakhstan	2019	1,573	*54	540	249	730	82
	2020	1,735	*66	514	317	837	89
	2021	1,817	33	553	339	892	92
	2022	1,818	46	515	364	893	91
Korea, Dem.Ppl's.Rep.	2019	674	8	416	62	189	26
	2020	653	8	401	60	183	25
	2021	552	6	334	52	160	21
	2022	574	7	348	53	165	22
Korea, Republic of	2019	7,789	2,266	2,098	1,534	1,890	150
	2020	7,532	2,157	2,048	1,432	1,894	145
	2021	7,876	2,311	2,167	1,493	1,906	152
	2022	7,656	2,218	2,014	1,534	1,890	148
Kuwait	2019	794	167	232	224	171	179
	2020	774	186	238	181	169	176
	2021	875	195	273	224	184	201
	2022	966	275	258	241	193	211
Kyrgyzstan	2019	144	*2	17	38	88	22
	2020	135	*2	11	37	86	20
	2021	147	2	14	41	90	22
	2022	151	6	14	39	92	22
Lao People's Dem. Rep.	2019	121	0	22	*35	63	17
	2020	*124	0	*25	*35	*64	*17
	2021	*131	0	*33	*35	*62	*18
	2022	142	0	43	36	*63	19
Lebanon	2019	219	2	*25	92	100	38
	2020	218	1	*22	91	104	38
	2021	198	1	*16	104	78	35
	2022	172	1	*12	109	*51	30
Malaysia	2019	2,722	583	771	956	413	81
	2020	2,370	523	714	755	379	70
	2021	2,386	458	783	738	406	70
	2022	2,522	471	807	807	437	73
Maldives	2019	*22	0	*1	*17	*4	*45
	2020	*18	0	*1	*14	*3	*36
	2021	*21	0	*1	*15	*5	*40
	2022	*23	0	*1	*17	*5	*44
Mongolia	2019	446	0	32	26	387	138
	2020	416	0	32	28	356	126
	2021	325	0	35	27	263	97
	2022	385	0	37	*32	316	114
Myanmar	2019	774	21	248	90	416	15
	2020	730	3	196	188	343	14
	2021	662	..	169	*149	344	12
	2022	*773	..	117	200	*456	*14
Nepal	2019	567	8	92	32	435	20
	2020	624	6	118	51	448	22
	2021	637	4	113	57	463	22
	2022	*651	5	125	62	*458	*22
Oman	2019	1,000	151	258	168	423	218
	2020	924	151	237	141	395	204
	2021	999	188	248	134	429	222
	2022	1,066	205	243	156	461	225

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Other Asia	2019	3,073	946	1,034	570	523	130
	2020	3,105	957	1,038	574	535	131
	2021	3,267	1,054	1,130	544	538	139
	2022	3,029	855	1,074	557	542	129
Pakistan	2019	2,938	203	805	700	1,230	13
	2020	3,101	202	921	754	1,225	13
	2021	3,225	199	1,000	791	1,236	13
	2022	3,104	170	971	*776	1,188	13
Philippines	2019	1,540	48	302	556	634	14
	2020	1,382	56	263	431	632	12
	2021	1,492	70	283	480	659	13
	2022	1,526	55	296	540	635	13
Qatar	2019	949	292	367	170	*120	339
	2020	898	285	331	158	124	320
	2021	921	284	339	168	130	327
	2022	988	296	394	160	138	342
Saudi Arabia	2019	7,734	2,276	*1,688	1,949	*1,822	254
	2020	7,285	2,243	*1,632	1,629	*1,781	235
	2021	7,591	2,306	*1,560	1,795	*1,929	242
	2022	6,904	2,217	1,712	1,907	1,069	215
Singapore	2019	770	286	282	94	108	136
	2020	742	261	279	95	107	132
	2021	784	280	296	95	113	141
	2022	841	*318	312	93	117	149
Sri Lanka	2019	361	1	94	138	129	16
	2020	347	0	97	120	130	15
	2021	371	0	102	139	130	16
	2022	*336	1	*96	119	*120	*15
State of Palestine	2019	72	1	4	30	36	15
	2020	73	1	3	31	38	14
	2021	78	1	3	35	38	15
	2022	96	0	4	49	42	18
Syrian Arab Republic	2019	249	26	58	79	87	12
	2020	230	25	53	72	80	11
	2021	223	25	52	67	79	10
	2022	218	23	50	69	77	10
Tajikistan	2019	173	1	29	19	125	18
	2020	185	1	28	24	133	19
	2021	181	1	34	26	121	18
	2022	191	1	32	31	128	19
Thailand	2019	4,314	1,045	1,159	1,318	793	60
	2020	4,076	984	1,033	1,290	769	57
	2021	3,993	1,091	971	1,193	737	56
	2022	4,138	895	1,198	1,283	762	58
Timor-Leste	2019	7	1	..	4	2	5
	2020	7	0	..	4	2	5
	2021	6	0	..	4	2	4
	2022	6	0	..	4	*2	5
Türkiye	2019	4,301	223	1,234	1,190	1,654	50
	2020	4,413	273	1,313	1,119	1,709	51
	2021	4,705	237	1,461	1,267	1,740	54
	2022	4,623	208	1,318	1,279	1,818	53

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Turkmenistan	2019	738	..	35	170	533	108
	2020	823	..	40	168	615	118
	2021	1,115	..	295	170	650	157
	2022	1,147	..	302	173	672	159
United Arab Emirates	2019	2,363	259	1,197	502	405	252
	2020	2,381	264	1,321	430	366	252
	2021	2,421	255	1,279	485	402	247
	2022	2,421	228	1,282	498	413	236
Uzbekistan	2019	1,201	*18	280	234	670	36
	2020	1,363	41	266	243	813	41
	2021	1,454	*37	*301	268	848	42
	2022	1,407	32	348	294	733	40
Viet Nam	2019	2,852	76	1,497	540	739	29
	2020	2,979	80	1,665	489	745	30
	2021	2,586	124	1,239	459	764	26
	2022	3,143	177	1,597	561	808	32
Yemen	2019	111	1	16	43	51	3
	2020	101	0	14	38	48	3
	2021	100	0	14	38	48	3
	2022	102	0	14	38	50	3
Europe	2019	75,476	7,881	18,500	19,749	29,346	100
	2020	71,906	8,093	17,975	17,276	28,562	96
	2021	76,294	8,321	18,947	18,724	30,302	102
	2022	72,736	7,447	17,891	19,067	28,331	97
Albania	2019	89	2	15	36	36	31
	2020	84	1	16	31	36	29
	2021	87	2	19	29	37	30
	2022	84	2	18	29	36	30
Andorra	2019	9	0	0	5	4	116
	2020	7	0	0	3	4	91
	2021	8	0	0	4	4	97
	2022	8	0	0	4	4	99
Austria	2019	1,182	86	318	381	398	133
	2020	1,120	84	304	333	399	126
	2021	1,183	87	316	344	436	132
	2022	1,102	72	318	325	388	122
Belarus	2019	799	112	177	173	336	85
	2020	781	118	173	156	333	83
	2021	812	119	183	153	357	88
	2022	777	111	172	147	348	85
Belgium	2019	1,678	305	436	377	560	146
	2020	1,591	295	422	327	548	138
	2021	1,700	313	444	362	581	147
	2022	1,539	271	400	368	500	132
Bosnia and Herzegovina	2019	180	5	31	56	89	54
	2020	173	4	25	50	93	53
	2021	185	4	30	58	93	57
	2022	184	4	28	56	97	58
Bulgaria	2019	426	19	112	147	147	61
	2020	416	20	111	138	148	60
	2021	445	22	118	148	158	65
	2022	427	17	113	149	148	63

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Croatia	2019	307	25	49	94	138	77
	2020	293	23	49	83	137	74
	2021	307	18	50	91	148	78
	2022	291	9	47	94	140	74
Czechia	2019	1,129	121	276	288	444	107
	2020	1,084	98	274	271	441	103
	2021	1,165	116	293	286	470	111
	2022	1,110	112	275	293	430	104
Denmark	2019	568	8	93	181	286	98
	2020	548	9	94	169	275	94
	2021	578	9	101	173	294	99
	2022	542	9	96	171	266	92
Estonia	2019	124	5	20	36	63	94
	2020	122	7	18	34	63	92
	2021	124	7	17	36	65	93
	2022	120	6	16	36	63	89
Faeroe Islands	2019	9	0	1	2	7	183
	2020	10	0	1	2	7	185
	2021	10	0	1	2	7	188
	2022	10	0	1	2	7	177
Finland	2019	1,083	59	465	178	380	196
	2020	1,021	63	434	166	358	185
	2021	1,075	57	456	172	390	194
	2022	1,004	59	413	165	368	180
France	2019	6,341	570	1,131	1,934	2,706	93
	2020	5,813	535	1,040	1,632	2,606	85
	2021	6,353	563	1,197	1,833	2,760	93
	2022	5,970	441	1,132	1,916	2,481	87
Germany	2019	9,356	924	2,330	2,425	3,677	112
	2020	9,064	911	2,296	2,204	3,653	108
	2021	9,289	996	2,364	2,148	3,779	111
	2022	8,834	852	2,247	2,176	3,560	105
Gibraltar	2019	10	1	..	8	1	278
	2020	9	1	..	7	1	255
	2021	9	1	..	7	1	250
	2022	9	1	..	7	1	244
Greece	2019	674	39	109	257	269	63
	2020	630	35	106	220	270	59
	2021	643	31	108	237	268	61
	2022	661	19	108	260	274	63
Guernsey	2019	1	..	..	..	1	20
	2020	1	..	..	..	1	19
	2021	*1	..	..	..	*1	*21
	2022	*1	..	..	..	*1	*20
Hungary	2019	848	92	188	215	352	87
	2020	838	97	186	191	364	86
	2021	897	105	200	209	382	92
	2022	835	81	181	226	347	86
Iceland	2019	133	6	55	15	57	368
	2020	127	6	54	13	54	346
	2021	131	6	56	14	56	352
	2022	133	6	56	15	56	350

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Ireland	2019	479	11	93	173	203	97
	2020	460	10	95	147	208	92
	2021	475	17	93	156	209	94
	2022	468	10	89	168	201	92
Isle of Man	2019	2	..	1	..	2	28
	2020	2	..	0	..	2	27
	2021	2	..	0	..	2	26
	2022	2	..	0	..	2	25
Italy	2019	4,959	296	1,049	1,524	2,089	82
	2020	4,525	287	1,004	1,233	2,002	75
	2021	4,972	248	1,122	1,480	2,123	83
	2022	4,800	241	1,041	1,560	1,959	80
Jersey	2019	6	..	*1	2	3	58
	2020	5	..	*1	2	3	52
	2021	6	..	*1	2	3	55
	2022	5	..	*1	2	2	53
Kosovo	2019	66	2	13	18	33	38
	2020	67	2	13	18	34	38
	2021	73	3	14	20	37	42
	2022	64	1	13	18	32	37
Latvia	2019	169	4	36	47	83	88
	2020	164	4	36	45	79	86
	2021	173	5	37	46	84	92
	2022	165	4	38	44	80	88
Liechtenstein	2019	3	..	..	..	3	79
	2020	3	..	..	..	3	77
	2021	3	..	..	..	3	80
	2022	3	..	..	..	3	75
Lithuania	2019	279	50	47	91	91	100
	2020	269	48	43	90	88	96
	2021	278	43	46	91	98	100
	2022	250	27	40	90	94	89
Luxembourg	2019	163	2	26	93	42	262
	2020	140	1	24	72	43	222
	2021	147	1	25	76	44	230
	2022	130	1	23	67	39	199
Malta	2019	23	1	3	10	10	46
	2020	21	0	3	9	9	40
	2021	22	1	3	9	9	42
	2022	25	0	3	11	10	47
Montenegro	2019	34	2	6	11	15	55
	2020	30	1	6	10	14	50
	2021	34	1	5	12	15	56
	2022	32	1	3	13	15	52
Netherlands (Kingd. of the)	2019	2,371	508	570	454	839	135
	2020	2,308	545	565	389	808	131
	2021	2,367	542	565	397	864	134
	2022	2,089	438	525	395	731	117
North Macedonia	2019	83	2	17	32	32	44
	2020	78	2	18	27	31	42
	2021	84	2	19	31	32	45
	2022	78	2	15	31	30	42

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Norway	2019	904	107	259	219	320	169
	2020	885	102	263	205	315	165
	2021	921	98	276	213	333	170
	2022	886	91	267	220	308	162
Poland	2019	3,260	239	695	973	1,353	85
	2020	3,192	248	675	930	1,339	84
	2021	3,332	225	687	1,005	1,415	88
	2022	3,211	237	634	1,022	1,318	84
Portugal	2019	709	49	193	253	213	68
	2020	658	50	186	212	209	63
	2021	685	53	190	231	211	66
	2022	686	41	188	245	211	66
Republic of Moldova	2019	110	2	10	30	68	35
	2020	107	3	9	28	66	35
	2021	116	3	10	31	72	38
	2022	104	2	9	31	61	34
Romania	2019	1,034	51	262	283	438	53
	2020	1,032	58	253	278	442	53
	2021	1,100	54	267	297	483	57
	2022	1,025	31	224	321	449	53
Russian Federation	2019	21,656	3,351	6,047	4,291	7,968	148
	2020	21,027	3,570	5,938	3,914	7,605	144
	2021	22,635	3,774	6,309	4,266	8,286	155
	2022	22,326	3,603	6,350	4,334	8,038	153
Serbia	2019	378	29	91	97	161	54
	2020	393	30	83	92	187	57
	2021	418	30	89	105	194	61
	2022	425	26	95	112	192	63
Slovakia	2019	477	42	149	120	166	88
	2020	460	51	136	108	165	84
	2021	498	54	146	112	186	91
	2022	467	47	137	115	168	85
Slovenia	2019	210	7	55	82	66	101
	2020	192	6	52	68	65	91
	2021	205	7	54	77	68	97
	2022	203	5	49	84	65	96
Spain	2019	3,619	224	863	1,391	1,142	76
	2020	3,249	243	789	1,105	1,113	68
	2021	3,490	226	842	1,281	1,142	73
	2022	3,438	211	747	1,369	1,110	72
Sweden	2019	1,368	96	464	303	504	133
	2020	1,323	72	475	282	494	128
	2021	1,386	88	474	291	533	133
	2022	1,319	62	474	282	501	126
Switzerland	2019	764	18	144	243	359	89
	2020	725	18	139	224	344	84
	2021	764	17	147	226	374	88
	2022	708	17	140	224	327	81
Ukraine	2019	2,111	115	682	433	880	47
	2020	2,012	154	675	338	845	45
	2021	2,075	154	666	402	853	47
	2022	1,380	75	292	*231	782	34

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
United Kingdom	2019	5,293	294	918	1,768	2,313	79
	2020	4,843	276	887	1,421	2,259	72
	2021	5,032	221	907	1,561	2,343	74
	2022	4,807	201	872	1,641	2,093	71
Latin America & Carib.	2019	25,378	1,474	7,234	9,760	6,911	40
	2020	23,358	1,266	7,063	8,180	6,849	36
	2021	24,628	1,312	7,230	8,918	7,168	38
	2022	25,510	1,390	7,243	9,620	7,257	39
Anguilla	2019	*1	..	..	*1	*1	*94
	2020	*1	..	..	*1	*1	*88
	2021	*1	..	..	*1	*1	*93
	2022	*1	..	..	*1	*1	*95
Antigua and Barbuda	2019	*6	0	0	*3	*3	*66
	2020	*6	0	0	*3	*3	*64
	2021	*6	0	0	*3	*3	*66
	2022	*6	0	0	*3	*3	*67
Argentina	2019	2,327	132	539	794	862	52
	2020	2,184	122	516	712	835	48
	2021	2,305	122	510	714	959	51
	2022	2,280	111	486	749	935	50
Aruba	2019	7	0	..	*3	3	61
	2020	6	0	..	*3	3	56
	2021	6	0	..	*3	3	60
	2022	7	0	..	*3	3	62
Bahamas	2019	*27	0	*5	*11	*11	*69
	2020	*21	0	*4	*8	*9	*52
	2021	*29	0	*6	*12	*10	*73
	2022	*31	0	*6	*13	*11	*77
Barbados	2019	15	..	*5	6	4	53
	2020	14	..	*5	5	4	48
	2021	13	..	*4	5	4	45
	2022	13	..	*4	5	4	48
Belize	2019	15	0	3	7	5	39
	2020	13	0	2	6	4	33
	2021	14	0	*3	6	5	36
	2022	14	0	*3	7	5	36
Bolivia (Plur. State of)	2019	307	12	71	157	66	26
	2020	258	2	65	127	64	22
	2021	303	6	64	162	70	25
	2022	336	13	70	179	74	28
Bonaire, St Eustatius, Saba	2019	*1	0	0	*1	0	*57
	2020	*1	0	0	*1	0	*48
	2021	*1	0	0	*1	0	*49
	2022	*1	0	0	*1	0	*48
Brazil	2019	9,823	564	3,202	3,808	2,250	47
	2020	9,599	485	3,298	3,564	2,252	46
	2021	10,287	526	3,595	3,894	2,271	49
	2022	10,328	611	3,374	4,015	2,327	49
British Virgin Islands	2019	*2	..	0	*1	1	*42
	2020	*1	..	0	*1	*1	*39
	2021	*1	..	0	*1	*1	*39
	2022	*2	..	0	*1	*1	*39

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Cayman Islands	2019	6	0	1	3	2	89
	2020	5	0	1	3	2	80
	2021	5	0	1	3	2	78
	2022	6	0	1	3	2	79
Chile	2019	1,180	36	441	400	304	61
	2020	1,125	42	430	354	299	58
	2021	1,146	38	413	387	308	59
	2022	1,247	44	449	435	319	64
Colombia	2019	1,232	81	265	491	394	25
	2020	1,116	42	250	423	402	22
	2021	1,249	16	244	536	453	24
	2022	1,244	*33	202	560	448	24
Costa Rica	2019	161	5	34	83	39	32
	2020	146	4	34	69	39	29
	2021	159	3	36	79	41	31
	2022	160	2	36	79	43	32
Cuba	2019	241	4	132	23	82	21
	2020	191	4	94	*18	75	17
	2021	169	3	77	*19	70	15
	2022	165	4	77	*17	66	15
Curaçao	2019	34	5	7	17	4	178
	2020	29	4	6	15	4	156
	2021	30	4	6	15	4	160
	2022	31	4	7	16	4	167
Dominica	2019	*2	0	0	*1	*1	*26
	2020	*1	0	0	*1	*1	*22
	2021	*2	0	0	*1	*1	*23
	2022	*2	0	0	*1	*1	*24
Dominican Republic	2019	290	17	77	109	87	27
	2020	271	8	82	98	84	25
	2021	309	14	89	114	92	28
	2022	326	17	93	124	92	29
Ecuador	2019	500	..	87	255	158	29
	2020	441	..	84	208	149	25
	2021	491	..	89	252	150	28
	2022	522	..	97	269	156	29
El Salvador	2019	118	1	27	54	35	19
	2020	102	1	23	47	31	16
	2021	117	1	26	57	32	19
	2022	129	2	33	60	33	20
Falkland Is. (Malvinas)	2019	0	..	0	0	0	138
	2020	0	..	0	0	0	137
	2021	0	..	0	0	0	134
	2022	0	..	0	0	0	*136
Grenada	2019	4	..	0	2	2	31
	2020	3	..	0	1	2	27
	2021	3	..	0	1	2	28
	2022	3	..	0	1	2	30
Guatemala	2019	*560	4	48	132	*376	*33
	2020	*554	2	44	121	*387	*32
	2021	603	2	52	144	404	34
	2022	616	3	58	141	415	35

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Guyana	2019	31	0	5	13	13	38
	2020	31	0	5	12	13	38
	2021	32	1	5	12	14	39
	2022	33	1	4	16	12	40
Haiti	2019	145	1	13	20	111	13
	2020	140	0	12	20	107	12
	2021	140	1	12	19	108	12
	2022	139	0	12	19	107	12
Honduras	2019	179	1	31	68	80	18
	2020	165	0	29	56	80	16
	2021	189	1	31	74	83	18
	2022	190	0	35	74	80	18
Jamaica	2019	104	*1	36	49	18	37
	2020	77	*1	23	35	18	27
	2021	80	0	20	42	18	28
	2022	90	1	23	44	22	32
Mexico	2019	4,870	171	1,407	2,125	1,167	39
	2020	4,260	177	1,409	1,523	1,152	34
	2021	4,119	164	1,284	1,500	1,170	32
	2022	4,533	149	1,336	1,849	1,199	35
Montserrat	2019	0	0	0	0	0	*49
	2020	0	0	0	0	0	*47
	2021	0	0	0	0	0	*46
	2022	0	0	0	0	0	*55
Nicaragua	2019	109	2	14	30	63	17
	2020	108	1	13	30	64	16
	2021	114	1	14	34	65	17
	2022	115	1	14	34	66	17
Panama	2019	149	..	33	61	54	35
	2020	125	..	27	44	54	29
	2021	152	..	33	62	58	35
	2022	151	..	36	55	60	34
Paraguay	2019	280	2	68	118	91	43
	2020	267	2	67	106	92	40
	2021	278	3	69	118	88	42
	2022	267	2	67	108	90	40
Peru	2019	860	12	247	374	227	27
	2020	742	5	205	299	233	23
	2021	883	5	245	371	261	27
	2022	948	8	279	414	247	28
Puerto Rico	2019	58	..	7	..	51	18
	2020	58	..	7	..	51	18
	2021	59	..	7	..	52	18
	2022	56	..	6	..	50	17
Saint Barthélemy	2019	*1	0	0	0	0	*84
	2020	*1	0	0	0	0	*81
	2021	*1	0	0	0	0	*86
	2022	*1	0	0	0	0	*88
Saint Martin (French Part)	2019	*5	0	0	*4	*1	*143
	2020	*5	0	0	*4	*1	*154
	2021	*5	0	0	*4	*1	*163
	2022	*5	0	0	*4	*1	*168

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Sint Maarten (Dutch part)	2019	*9	*1	*2	*5	*1	*227
	2020	*9	*1	*2	*5	*1	*217
	2021	*9	*1	*2	*5	*1	*222
	2022	*9	*1	*2	*5	*1	*221
St. Kitts-Nevis	2019	*2	0	0	*1	*1	*44
	2020	*2	0	0	*1	*1	*41
	2021	*2	0	0	*1	*1	*40
	2022	*2	0	0	*1	*1	*44
St. Lucia	2019	6	0	0	3	2	31
	2020	*5	0	0	*3	2	*30
	2021	*6	0	0	*3	2	*32
	2022	*6	0	0	*3	2	*32
St. Vincent-Grenadines	2019	*3	0	0	*2	1	*24
	2020	*3	0	0	*2	1	*27
	2021	*3	0	0	*2	1	*26
	2022	*3	0	0	*2	*1	*28
Suriname	2019	*29	0	3	9	*16	*47
	2020	*28	0	3	8	*17	*46
	2021	*28	0	3	8	*16	*45
	2022	33	0	6	13	13	53
Trinidad and Tobago	2019	516	407	53	39	18	348
	2020	449	350	47	32	19	303
	2021	489	388	51	31	19	329
	2022	474	370	49	35	19	317
Turks and Caicos Islands	2019	*3	0	..	*2	*1	*76
	2020	*3	0	..	*2	*1	*72
	2021	*3	0	..	*2	*1	*73
	2022	*3	0	..	*2	*1	*72
United States Virgin Is.	2019	*2	..	*1	..	*1	*24
	2020	*2	..	*1	..	*1	*25
	2021	*2	..	*1	..	*1	*27
	2022	*2	..	*1	..	*1	*26
Uruguay	2019	204	5	86	56	57	60
	2020	200	4	86	53	58	59
	2021	209	4	89	58	58	62
	2022	210	5	86	60	60	62
Venezuela (Bolivar. Rep.)	2019	957	9	*283	420	244	33
	2020	586	5	186	159	236	21
	2021	576	4	146	163	*263	20
	2022	771	4	290	199	278	27
Northern America	2019	74,957	7,112	13,191	29,751	24,903	200
	2020	68,822	6,388	12,894	25,592	23,948	182
	2021	72,425	6,835	13,540	28,181	23,870	191
	2022	74,771	7,042	13,715	28,933	25,081	197
Bermuda	2019	5	0	0	*1	4	83
	2020	4	0	0	*1	3	62
	2021	4	0	0	*2	3	63
	2022	*4	0	0	*2	*3	*64
Canada	2019	8,526	965	1,962	2,685	2,915	226
	2020	7,804	917	1,808	2,266	2,813	204
	2021	8,019	975	1,891	2,394	2,759	209
	2022	8,298	992	1,945	2,522	2,839	214

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Greenland	2019	9	0	1	2	6	156
	2020	8	0	*1	1	6	151
	2021	9	0	*1	2	6	153
	2022	9	0	*1	2	7	168
St. Pierre-Miquelon	2019	*1	..	0	0	0	*103
	2020	*1	..	0	0	0	*97
	2021	0	..	0	0	0	*82
	2022	0	..	0	0	0	*84
United States	2019	66,416	6,147	11,229	27,062	21,978	197
	2020	61,005	5,471	11,085	23,323	21,126	180
	2021	64,393	5,860	11,648	25,783	21,102	189
	2022	66,459	6,050	11,769	26,407	22,233	195
Oceania	2019	4,248	284	1,182	1,672	1,109	98
	2020	4,099	284	1,155	1,554	1,106	93
	2021	4,092	272	1,166	1,520	1,134	92
	2022	4,104	251	1,169	1,545	1,140	91
American Samoa	2019	*4	0	*1	*2	*1	*88
	2020	*4	0	*1	*2	*1	*87
	2021	*4	0	*1	*2	*1	*87
	2022	*4	0	*1	*2	*1	*91
Australia	2019	3,391	215	931	1,390	855	133
	2020	3,292	220	923	1,296	853	128
	2021	3,299	219	946	1,254	880	127
	2022	3,305	199	944	1,275	887	126
Cook Islands	2019	*1	..	..	*1	0	*62
	2020	*1	..	..	*1	0	*54
	2021	*1	..	..	*1	0	*61
	2022	*1	..	..	*1	0	*65
Fiji	2019	*24	0	*9	*11	4	*27
	2020	*22	0	*8	*10	4	*24
	2021	*19	0	*7	*8	4	*20
	2022	*23	0	*8	*10	4	*25
French Polynesia	2019	11	0	..	7	3	38
	2020	10	0	..	6	3	35
	2021	10	0	..	7	3	37
	2022	11	0	..	8	3	40
Guam	2019	6	..	..	..	6	35
	2020	6	..	..	..	6	34
	2021	6	..	..	..	6	34
	2022	*6	..	..	..	*6	*34
Kiribati	2019	*1	0	0	0	*1	*11
	2020	*1	0	0	0	*1	*11
	2021	*1	0	0	0	*1	*11
	2022	*1	0	0	0	*1	*11
Marshall Islands	2019	*2	..	0	*1	0	*39
	2020	*2	..	0	*1	0	*40
	2021	*2	..	0	*1	0	*40
	2022	*2	..	0	*1	0	*43
Micronesia (Fed. States of)	2019	*2	0	0	*1	0	*14
	2020	*2	0	0	*1	0	*14
	2021	*2	0	0	*1	0	*14
	2022	*2	0	0	*1	0	*14

Table 3

Total final consumption and its components

Petajoules and gigajoules per capita

Country or area	Year	Total final consumption	Non-energy use	Energy use			TFC per capita
				Industry	Transport	Other	
Nauru	2019	*1	0	0	0	0	*44
	2020	*1	0	0	0	0	*43
	2021	*1	0	0	0	0	*46
	2022	*1	0	0	0	0	*47
New Caledonia	2019	42	7	23	9	3	150
	2020	39	6	21	8	3	138
	2021	36	6	19	8	3	127
	2022	40	7	21	8	3	138
New Zealand	2019	609	61	178	215	154	122
	2020	568	58	163	195	153	112
	2021	559	47	155	204	153	109
	2022	555	44	155	205	150	108
Niue	2019	0	..	0	0	0	*35
	2020	0	..	0	0	0	*35
	2021	0	..	0	0	0	*35
	2022	0	..	0	0	0	*37
Northern Mariana Islands	2019	*2	..	..	*1	*1	*51
	2020	*2	..	..	*1	*1	*35
	2021	*2	..	..	*1	*1	*45
	2022	*2	..	..	*1	*1	*45
Palau	2019	*2	0	0	*2	0	*132
	2020	*2	0	0	*2	0	*128
	2021	*2	0	0	*2	0	*128
	2022	*2	0	0	*2	0	*131
Papua New Guinea	2019	*132	..	39	23	*71	*14
	2020	*131	..	38	22	*72	*13
	2021	*132	..	37	22	*73	*13
	2022	*134	..	*38	*22	*73	*13
Samoa	2019	*5	0	0	*2	*2	*23
	2020	*5	0	0	*2	*2	*22
	2021	*5	0	0	*2	*2	*22
	2022	4	0	0	2	2	20
Solomon Islands	2019	*7	0	0	*3	*4	*9
	2020	*7	0	0	*3	*4	*9
	2021	*7	0	0	*3	*4	*9
	2022	*7	0	0	*2	*4	*8
Tonga	2019	*2	0	..	*2	0	*19
	2020	*2	0	..	*1	0	*16
	2021	*2	0	..	*1	0	*16
	2022	*2	0	..	*1	0	*16
Tuvalu	2019	0	..	..	0	0	*8
	2020	0	..	..	0	0	8
	2021	0	..	..	0	0	*7
	2022	0	..	..	0	0	*8
Vanuatu	2019	*3	0	0	*2	*1	*10
	2020	*3	0	0	*2	*1	*11
	2021	*4	0	0	*2	*1	*12
	2022	*3	0	0	*2	*1	*10
Wallis and Futuna Is.	2019	0	..	..	0	0	*21
	2020	0	..	..	0	0	*22
	2021	0	..	..	0	0	*22
	2022	0	..	..	0	0	*23