

### Production, trade and supply of fuel oil

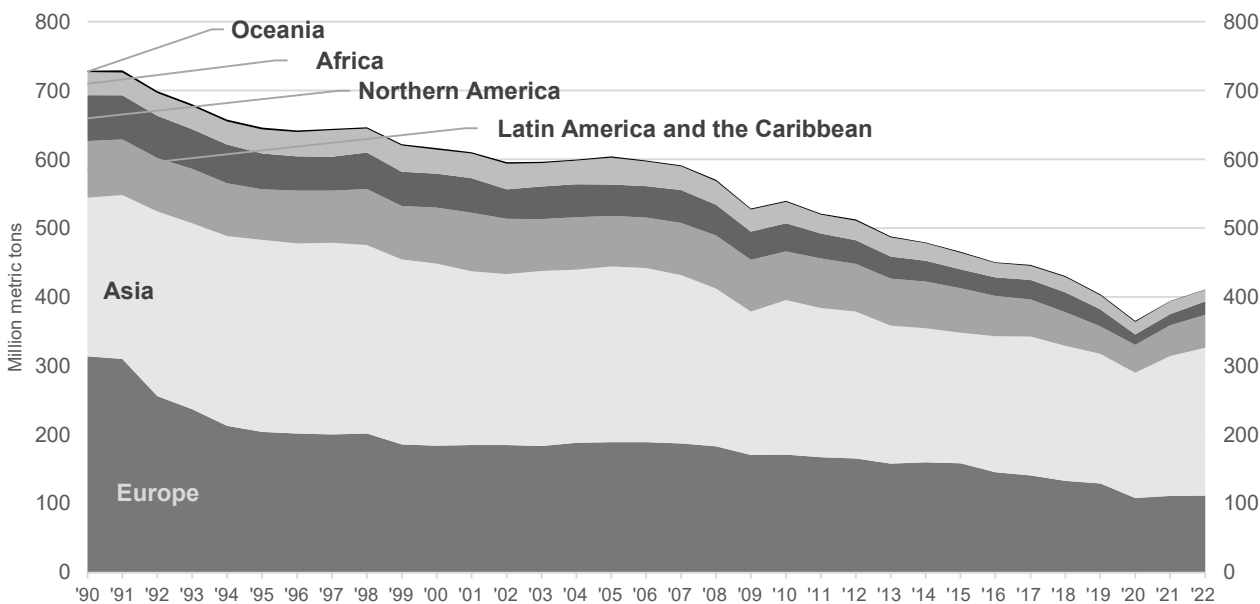
Thousand metric tons and kilograms per capita

#### Table Notes

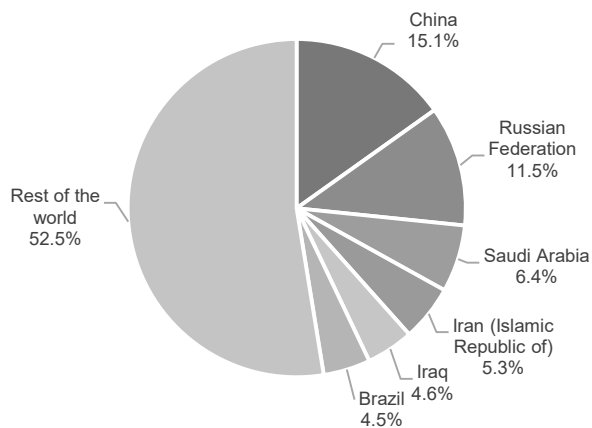
**Production** includes output from refineries and plants.

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 63: Production of fuel oil by region, 1990-2022**



**Figure 64: Major fuel oil producing countries, 2022**



**Figure 65: Major fuel oil consuming countries, 2022**

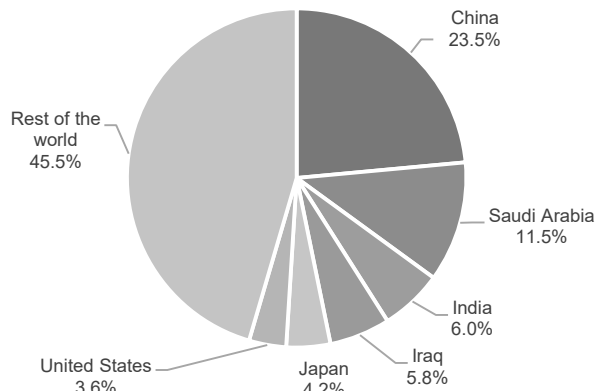


Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2019	403,935	212,715	241,844	165,729	976	208,100	27
	2020	365,323	205,419	222,519	156,526	3,687	188,011	24
	2021	394,395	217,775	241,421	162,768	-4,402	212,384	27
	2022	410,957	217,548	237,001	152,663	1,920	236,920	30
Africa	2019	20,518	6,146	12,443	3,283	164	10,774	8
	2020	18,577	5,923	13,855	2,983	-924	8,587	6
	2021	18,456	6,228	10,295	2,735	-1,379	13,034	9
	2022	16,902	8,387	7,294	2,488	-886	16,393	11
Algeria	2019	5,915	79	5,687	17	129	161	4
	2020	5,920	0	5,793	189	-52	-10	0
	2021	5,447	0	5,414	179	-92	-54	-1
	2022	5,811	..	5,554	149	13	95	2
Angola	2019	1,072	..	409	273	399	-8	0
	2020	574	..	556	182	-253	91	3
	2021	569	..	462	204	-343	246	7
	2022	*696	..	329	329	*-367	*404	*11
Benin	2019	..	39	..	..	5	34	3
	2020	..	48	..	..	5	43	3
	2021	..	33	..	..	-12	45	3
	2022	..	38	..	3	1	34	2
Botswana	2019	..	12	..	..	..	12	5
	2020	..	11	..	..	..	11	5
	2021	..	12	..	..	..	12	5
	2022	..	13	..	..	..	13	5
Burkina Faso	2019	..	262	..	..	..	262	12
	2020	..	*254	..	..	..	*254	*12
	2021	..	*305	..	..	..	*305	*14
	2022	..	*311	..	..	..	*311	*14
Burundi	2019	..	*32	..	..	..	*32	*3
	2020	..	*23	..	..	..	*23	*2
	2021	..	*31	..	..	..	*31	*2
	2022	..	*31	..	..	..	*31	*2
Cabo Verde	2019	..	*115	..	*40	..	*75	*145
	2020	..	*102	..	*34	..	*68	*131
	2021	..	*108	..	*35	..	*73	*141
	2022	..	*115	..	*36	..	*79	*151
Cameroon	2019	104	47	37	..	..	115	4
	2020	..	98	..	..	..	98	4
	2021	..	99	..	..	..	99	4
	2022	..	103	..	..	..	103	4
Central African Rep.	2019	..	*2	..	..	..	*2	0
	2020	..	*3	..	..	..	*3	*1
	2021	..	*3	..	..	..	*3	*1
	2022	..	*3	..	..	..	*3	*1
Chad	2019	*26	..	*20	..	..	*6	0
	2020	*20	..	*19	..	..	*1	0
	2021	*26	..	*20	..	..	*6	0
	2022	*28	..	*20	..	..	*8	0
Comoros	2019	..	*5	..	*5	*-3	*3	*3
	2020	..	*7	..	*4	*-1	*3	*4
	2021	..	*18	..	*4	*6	*8	*10
	2022	..	*18	..	*5	*6	*7	*9

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2019	368	16	352	..	..	32	6
	2020	367	16	255	..	..	129	22
	2021	380	16	258	..	..	139	24
	2022	406	16	276	..	..	146	24
Côte d'Ivoire	2019	704	..	691	7	..	5	0
	2020	632	..	619	7	..	6	0
	2021	701	..	599	8	..	94	3
	2022	457	..	337	8	..	111	4
Dem. Rep. of the Congo	2019	..	1	..	..	..	1	0
	2020	..	1	..	..	..	1	0
	2021	..	1	..	..	..	1	0
	2022	..	0	..	..	..	0	0
Djibouti	2019	..	29	..	*9	..	20	19
	2020	..	24	..	*7	..	17	16
	2021	..	*26	..	*7	..	*19	*17
	2022	..	*24	..	*8	..	*16	*14
Egypt	2019	7,544	..	4,558	239	..	2,747	26
	2020	7,019	..	5,646	221	..	1,152	11
	2021	7,599	..	2,364	239	..	4,995	45
	2022	6,491	691	..	205	..	6,977	62
Eritrea	2019	..	85	..	22	..	62	19
	2020	..	84	..	17	..	67	20
	2021	..	87	..	13	..	74	22
	2022	..	91	..	12	..	79	23
Ethiopia	2019	..	60	..	..	2	58	1
	2020	..	61	..	..	2	60	1
	2021	..	81	..	..	-1	82	1
	2022	..	65	..	..	..	65	1
Gabon	2019	313	..	157	87	1	68	30
	2020	438	..	426	82	-140	71	30
	2021	492	..	505	75	-157	69	29
	2022	484	..	232	96	75	81	33
Gambia	2019	..	*82	..	..	..	*82	*33
	2020	..	*82	..	..	..	*82	*33
	2021	..	*84	..	..	..	*84	*32
	2022	..	*93	..	..	..	*93	*35
Ghana	2019	205	0	66	..	13	126	4
	2020	216	0	173	..	3	40	1
	2021	145	85	75	..	-4	160	5
	2022	27	26	..	..	2	51	2
Guinea	2019	..	229	..	..	*20	209	16
	2020	..	209	..	..	-47	256	19
	2021	..	160	..	..	46	114	8
	2022	..	161	..	..	*44	118	8
Guinea-Bissau	2019	..	22	..	..	..	22	11
	2020	..	25	..	..	..	25	13
	2021	..	28	..	..	..	28	14
	2022	..	*30	..	..	..	*30	*14
Kenya	2019	..	432	1	*10	..	420	8
	2020	..	309	0	*3	..	306	6
	2021	..	340	..	48	..	293	5
	2022	..	337	..	..	..	337	6

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Libya	2019	1,263	141	..	291	..	1,113	160
	2020	891	117	..	97	..	911	129
	2021	1,143	131	..	304	..	970	136
	2022	1,049	193	..	256	..	985	136
Madagascar	2019	..	219	..	..	15	204	7
	2020	..	185	..	..	*-8	193	7
	2021	..	205	..	..	*-24	228	8
	2022	..	169	..	..	*-18	187	6
Malawi	2019	..	*2	..	..	..	*2	0
	2020	..	*2	..	..	..	*2	0
	2021	..	*2	..	..	..	*2	0
	2022	..	*2	..	..	..	*2	0
Mali	2019	..	291	..	..	..	291	14
	2020	..	236	..	..	..	236	11
	2021	..	217	..	..	..	217	10
	2022	..	322	..	..	..	322	14
Mauritania	2019	..	391	..	..	*88	303	68
	2020	..	460	..	..	*84	376	82
	2021	..	*400	..	..	*81	*319	*67
	2022	..	397	..	..	*30	367	75
Mauritius	2019	..	850	..	520	13	317	246
	2020	..	713	..	519	-52	246	192
	2021	..	749	..	508	-17	258	202
	2022	..	757	..	386	24	347	272
Morocco	2019	..	836	..	114	-48	770	21
	2020	..	903	..	114	80	708	19
	2021	..	723	..	114	-362	971	26
	2022	..	1,570	..	114	-220	1,676	45
Mozambique	2019	..	30	..	..	..	30	1
	2020	..	30	..	..	..	30	1
	2021	..	30	..	..	..	30	1
	2022	..	27	..	..	..	27	1
Namibia	2019	..	45	2	..	..	43	16
	2020	..	47	2	..	..	45	16
	2021	..	49	2	..	..	47	17
	2022	..	52	3	..	..	49	17
Niger	2019	17	0	..	..	..	17	1
	2020	14	17	..	..	7	24	1
	2021	16	42	..	..	17	41	2
	2022	*18	4	..	..	..	*22	*1
Nigeria	2019	224	32	..	237	-482	501	2
	2020	0	65	..	177	-570	458	2
	2021	*97	32	..	147	-543	525	2
	2022	117	14	..	131	-490	490	2
Rwanda	2019	..	39	..	..	..	39	3
	2020	..	24	..	..	..	24	2
	2021	..	31	..	..	..	31	2
	2022	..	*32	..	..	..	*32	*2
Senegal	2019	191	746	..	..	1	936	57
	2020	179	758	..	..	-9	946	56
	2021	187	791	..	..	15	964	56
	2022	140	931	..	..	2	1,070	61

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Seychelles	2019	..	72	..	*1	..	71	606
	2020	..	*70	..	*1	*-18	*87	*723
	2021	..	*88	..	*1	*11	*76	*618
	2022	..	*96	..	*1	*26	*69	*550
Sierra Leone	2019	..	86	..	..	*23	63	8
	2020	..	100	..	..	*40	60	8
	2021	..	107	..	..	..	107	13
	2022	..	80	..	..	..	80	10
Somalia	2019	..	*56	..	*6	..	*50	*3
	2020	..	*58	..	*6	..	*52	*3
	2021	..	*60	..	*6	..	*54	*3
	2022	..	*62	..	*7	..	*55	*3
South Africa	2019	2,062	136	426	1,382	..	390	7
	2020	1,570	207	16	1,300	..	462	8
	2021	751	544	10	819	..	467	8
	2022	309	976	9	711	..	564	9
South Sudan	2019	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..
	2021	86	..	86	..	..	0	0
	2022	115	..	115	..	..	0	0
Sudan	2019	285	280	..	..	..	565	12
	2020	262	205	..	..	..	467	10
	2021	*263	*228	..	..	..	*491	*10
	2022	*307	*255	..	..	..	*562	*11
Togo	2019	..	43	..	..	-1	44	5
	2020	..	133	..	..	-2	135	16
	2021	..	13	..	..	-2	15	2
	2022	..	10	..	..	-5	15	2
Tunisia	2019	52	223	35	..	-11	250	21
	2020	394	159	350	..	8	195	16
	2021	537	188	500	..	0	224	19
	2022	448	170	419	..	-9	208	17
Uganda	2019	..	24	..	..	..	24	1
	2020	..	16	..	..	..	16	0
	2021	..	14	..	..	..	14	0
	2022	..	*23	..	..	..	*23	0
United Rep. of Tanzania	2019	..	55	..	22	..	33	1
	2020	..	48	..	22	..	26	0
	2021	..	52	..	24	..	28	0
	2022	..	64	..	29	..	35	1
Zambia	2019	172	..	..	..	..	172	9
	2020	80	12	..	..	..	92	5
	2021	17	14	..	..	..	31	2
	2022	0	15	..	..	..	15	1
<b>Asia</b>	<b>2019</b>	<b>188,021</b>	<b>135,658</b>	<b>90,237</b>	<b>99,627</b>	<b>439</b>	<b>133,376</b>	<b>29</b>
	<b>2020</b>	<b>181,756</b>	<b>127,804</b>	<b>73,286</b>	<b>101,128</b>	<b>2,917</b>	<b>132,229</b>	<b>28</b>
	<b>2021</b>	<b>203,089</b>	<b>134,534</b>	<b>86,670</b>	<b>105,599</b>	<b>101</b>	<b>145,253</b>	<b>31</b>
	<b>2022</b>	<b>214,453</b>	<b>129,989</b>	<b>86,197</b>	<b>94,577</b>	<b>1,788</b>	<b>161,880</b>	<b>34</b>
Afghanistan	2019	*12	*1	..	..	..	*13	0
	2020	*5	*5	..	..	..	*10	0
	2021	*5	*5	..	..	..	*10	0
	2022	*5	*5	..	..	..	*10	0

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Azerbaijan	2019	127	..	0	..	49	77	8
	2020	62	..	0	..	3	59	6
	2021	106	..	2	..	-67	171	17
	2022	78	94	68	..	97	8	1
Bahrain	2019	2,662	..	2,690	..	-28	0	0
	2020	1,948	..	1,958	..	-10	0	0
	2021	2,250	..	2,225	..	25	0	0
	2022	2,771	..	2,711	..	60	0	0
Bangladesh	2019	344	3,278	..	142	..	3,480	21
	2020	275	2,744	..	147	..	2,872	17
	2021	416	*1,851	..	165	..	*2,102	*13
	2022	368	*2,053	..	168	..	*2,253	*13
Bhutan	2019	..	4	..	..	..	4	5
	2020	..	2	..	..	..	2	2
	2021	..	1	..	..	..	1	1
	2022	..	1	..	..	..	1	2
Brunei Darussalam	2019	..	..	..	..	..	..	..
	2020	5	..	..	5	..	0	0
	2021	..	..	..	..	..	..	..
	2022	..	..	..	..	..	..	..
Cambodia	2019	..	180	..	..	..	180	11
	2020	..	136	..	..	..	136	8
	2021	..	164	..	..	..	164	10
	2022	..	122	..	..	..	122	7
China	2019	45,061	14,855	11,177	9,738	1,350	37,651	26
	2020	57,807	12,535	15,833	10,564	651	43,294	30
	2021	60,407	13,811	19,613	11,726	-557	43,435	30
	2022	62,247	13,039	18,663	336	559	55,729	39
China, Hong Kong SAR	2019	..	6,749	186	6,439	123	1	0
	2020	..	5,973	98	5,359	516	0	0
	2021	..	5,694	3	5,348	343	0	0
	2022	..	4,995	6	5,009	-20	0	0
China, Macao SAR	2019	..	21	..	..	-13	34	51
	2020	..	41	..	..	8	33	48
	2021	..	0	..	..	-8	8	12
	2022	..	4	..	..	-2	6	9
Cyprus	2019	..	968	..	156	4	807	627
	2020	..	772	..	158	-14	628	482
	2021	..	850	..	141	6	703	534
	2022	..	850	..	165	-11	695	522
Georgia	2019	16	0	15	..	0	0	0
	2020	12	0	9	..	2	1	0
	2021	18	0	18	..	0	1	0
	2022	19	0	19	..	-1	0	0
India	2019	8,609	4,583	1,527	*1,725	..	9,940	7
	2020	*6,882	*6,454	*1,177	*1,478	*413	*10,268	*7
	2021	8,237	9,024	1,716	*1,638	*7	13,900	10
	2022	9,242	8,563	1,841	*1,784	..	14,180	10
Indonesia	2019	1,168	198	0	2	0	1,363	5
	2020	*1,273	204	..	*150	..	*1,327	*5
	2021	*3,928	165	737	163	..	*3,194	*12
	2022	3,404	85	..	..	591	2,897	10

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Iran (Islamic Rep. of)	2019	22,312	..	16,688	900	..	4,725	54
	2020	19,926	..	16,457	701	..	2,768	32
	2021	22,538	..	19,536	1,267	..	1,735	20
	2022	21,903	..	19,536	1,267	..	1,099	12
Iraq	2019	16,880	..	3,883	299	..	12,699	308
	2020	14,169	..	3,541	259	..	10,369	246
	2021	16,676	..	4,064	248	..	12,364	287
	2022	18,732	..	4,734	267	..	13,731	312
Israel	2019	2,425	..	2,011	281	-54	187	22
	2020	1,531	..	1,160	341	-12	43	5
	2021	1,637	..	1,199	347	11	81	9
	2022	2,274	..	1,647	456	-38	209	23
Japan	2019	14,321	479	2,978	4,275	-240	7,786	61
	2020	12,589	546	1,354	4,730	15	7,035	56
	2021	14,219	1,210	2,013	4,713	-109	8,812	70
	2022	15,856	1,822	2,968	4,645	148	9,916	79
Jordan	2019	369	..	..	32	..	337	32
	2020	342	..	..	39	..	304	28
	2021	356	..	..	46	..	310	28
	2022	209	..	..	38	..	171	15
Kazakhstan	2019	2,875	1	2,622	..	7	247	13
	2020	2,255	2	1,593	..	-9	673	35
	2021	2,842	..	2,086	..	-5	761	39
	2022	3,387	..	2,392	..	-12	1,007	50
Korea, Dem.Ppl's.Rep.	2019	109	415	..	..	..	524	20
	2020	109	382	..	..	..	491	19
	2021	109	227	..	..	..	336	13
	2022	109	256	..	..	..	365	14
Korea, Republic of	2019	8,526	4,753	2,649	6,715	-298	4,214	81
	2020	11,204	4,447	1,987	8,300	-2	5,366	103
	2021	11,300	5,503	1,275	8,578	77	6,875	133
	2022	13,803	3,123	1,914	9,306	-106	5,813	112
Kuwait	2019	8,357	193	3,261	924	-591	4,956	1,116
	2020	5,122	278	1,761	867	..	2,772	630
	2021	6,367	1,759	1,237	883	..	6,007	1,377
	2022	5,061	1,636	934	911	..	4,853	1,057
Kyrgyzstan	2019	115	58	44	..	3	126	19
	2020	84	76	31	..	67	62	9
	2021	151	0	128	..	-20	43	6
	2022	164	..	124	..	-5	45	6
Lao People's Dem. Rep.	2019	..	*11	..	..	..	*11	*2
	2020	..	*8	..	..	..	*8	*1
	2021	..	*8	..	..	..	*8	*1
	2022	..	7	..	..	..	7	1
Lebanon	2019	..	1,852	..	*30	..	1,822	314
	2020	..	1,339	..	*30	*75	1,234	216
	2021	..	846	..	*30	..	816	143
	2022	..	84	..	*30	..	54	9
Malaysia	2019	1,400	80	407	272	215	587	18
	2020	1,214	218	446	419	185	383	11
	2021	1,510	26	593	554	-19	409	12
	2022	1,420	232	761	603	..	288	8

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Maldives	2019	..	1	..	*1	..	0	0
	2020	..	4	..	*1	*4	0	0
	2021	..	0	..	0	..	0	0
	2022	..	1	..	*1	..	0	0
Mongolia	2019	..	3	..	..	..	3	1
	2020	..	3	..	..	..	3	1
	2021	..	2	..	..	..	2	1
	2022	..	3	..	..	..	3	1
Myanmar	2019	23	..	..	..	..	23	0
	2020	35	..	..	..	..	35	1
	2021	34	..	..	..	..	34	1
	2022	27	..	..	..	..	27	1
Nepal	2019	..	8	..	..	..	8	0
	2020	..	77	..	..	..	77	3
	2021	..	41	..	..	..	41	1
	2022	..	44	..	..	..	44	1
Oman	2019	336	..	228	*97	..	11	2
	2020	204	..	..	*204	..	0	0
	2021	60	..	..	*60	..	0	0
	2022	338	..	130	*208	..	0	0
Other Asia	2019	4,100	1,370	1,956	1,199	-256	2,571	109
	2020	4,941	611	1,755	1,163	52	2,583	109
	2021	4,743	903	2,063	1,461	40	2,082	88
	2022	3,907	918	1,721	1,393	36	1,676	72
Pakistan	2019	2,251	38	0	30	..	2,259	10
	2020	2,580	722	0	11	..	3,291	14
	2021	2,408	2,330	0	2	..	4,737	20
	2022	2,055	2,258	54	1	..	4,258	17
Philippines	2019	702	765	287	42	-25	1,162	10
	2020	356	979	253	85	-66	1,063	9
	2021	30	1,072	..	37	51	1,014	9
	2022	7	1,077	32	29	-85	1,109	10
Qatar	2019	1,045	..	1,045	..	..	0	0
	2020	1,099	..	1,099	..	..	0	0
	2021	1,127	..	1,127	..	..	0	0
	2022	1,125	..	287	..	..	839	290
Saudi Arabia	2019	22,605	*11,102	*4,456	*3,358	*-77	25,970	852
	2020	18,501	*11,576	*3,540	*2,741	*307	23,489	758
	2021	22,536	*9,725	*4,712	*2,972	*378	24,199	772
	2022	26,388	10,491	6,131	3,514	..	27,235	846
Singapore	2019	4,853	64,699	23,171	43,581	41	2,759	487
	2020	4,043	58,938	15,402	45,138	222	2,219	395
	2021	4,110	60,539	16,907	45,907	-443	2,279	411
	2022	4,602	*57,617	14,284	44,144	207	3,585	635
Sri Lanka	2019	483	504	..	551	-52	488	22
	2020	469	487	..	349	-20	627	28
	2021	359	359	31	471	-133	349	15
	2022	189	520	10	385	-118	432	19
State of Palestine	2019	..	4	..	..	..	4	1
	2020	..	4	..	..	..	4	1
	2021	..	3	..	..	..	3	1
	2022	..	3	..	..	..	3	0



## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Syrian Arab Republic	2019	2,511	..	..	1	..	2,510	123
	2020	2,618	..	..	1	..	2,617	124
	2021	2,531	..	..	0	..	2,531	117
	2022	2,531	..	..	0	..	2,531	113
Tajikistan	2019	15	23	..	..	..	38	4
	2020	8	9	..	..	..	17	2
	2021	10	0	..	..	..	10	1
	2022	5	..	..	..	..	5	1
Thailand	2019	5,152	23	3,021	1,170	287	697	10
	2020	4,663	23	2,588	1,036	350	712	10
	2021	5,260	64	2,960	1,182	315	866	12
	2022	5,418	25	2,768	1,559	..	1,117	16
Türkiye	2019	3,114	2,047	2,126	768	-3	2,270	27
	2020	459	2,024	217	262	124	1,881	22
	2021	1,602	1,615	1,272	282	217	1,446	17
	2022	1,943	2,312	1,540	220	447	2,048	24
Turkmenistan	2019	1,513	..	680	..	..	834	123
	2020	1,463	..	657	..	..	806	116
	2021	1,482	..	665	..	..	816	115
	2022	1,531	..	687	..	..	844	117
United Arab Emirates	2019	2,958	15,182	2,799	16,665	..	-1,324	-141
	2020	2,695	15,157	..	16,401	..	1,451	154
	2021	3,024	15,704	..	17,205	..	1,523	156
	2022	2,629	16,581	..	17,649	..	1,561	152
Uzbekistan	2019	211	124	..	..	-3	338	10
	2020	170	94	..	..	-3	267	8
	2021	308	*55	..	..	-8	371	11
	2022	128	286	0	..	-24	438	13
Viet Nam	2019	178	833	332	183	..	496	5
	2020	440	676	369	146	60	541	6
	2021	218	732	488	128	..	334	3
	2022	401	614	236	440	67	272	3
Yemen	2019	286	255	..	52	..	488	14
	2020	199	257	..	47	..	409	11
	2021	175	243	..	47	..	371	10
	2022	176	268	..	48	..	397	10
<b>Europe</b>	<b>2019</b>	<b>129,442</b>	<b>45,448</b>	<b>103,796</b>	<b>41,496</b>	<b>163</b>	<b>29,435</b>	<b>39</b>
	<b>2020</b>	<b>108,454</b>	<b>48,370</b>	<b>101,586</b>	<b>34,908</b>	<b>1,237</b>	<b>19,093</b>	<b>25</b>
	<b>2021</b>	<b>111,256</b>	<b>55,762</b>	<b>111,407</b>	<b>35,283</b>	<b>-2,009</b>	<b>22,336</b>	<b>30</b>
	<b>2022</b>	<b>112,037</b>	<b>55,947</b>	<b>104,337</b>	<b>37,007</b>	<b>1,253</b>	<b>25,387</b>	<b>34</b>
Albania	2019	..	3	..	..	..	3	1
	2020	..	3	..	..	..	3	1
	2021	..	5	..	..	..	5	2
	2022	..	3	..	..	..	3	1
Austria	2019	735	44	455	..	-56	380	43
	2020	737	67	471	..	-24	356	40
	2021	645	32	370	..	-33	340	38
	2022	778	38	266	..	40	510	56
Belarus	2019	4,382	..	4,062	..	-1	321	34
	2020	3,515	..	2,719	..	37	759	81
	2021	3,515	..	2,719	..	..	796	86
	2022	3,174	..	2,451	..	..	723	79

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Belgium	2019	4,585	5,733	4,296	7,336	76	-1,389	-121
	2020	2,582	4,302	3,349	5,173	-54	-1,584	-137
	2021	2,472	5,733	3,093	6,250	-171	-967	-84
	2022	2,285	4,966	2,474	6,402	-33	-1,592	-137
Bosnia and Herzegovina	2019	25	31	15	..	-4	45	13
	2020	..	41	4	..	0	38	11
	2021	..	32	2	..	-4	34	10
	2022	..	51	7	..	3	41	13
Bulgaria	2019	581	35	544	17	13	43	6
	2020	259	60	278	16	2	22	3
	2021	209	109	242	26	9	41	6
	2022	552	112	504	20	53	86	13
Croatia	2019	397	41	350	5	-5	88	22
	2020	267	6	239	4	-6	37	9
	2021	291	3	247	4	4	38	10
	2022	274	4	200	7	-2	74	19
Czechia	2019	139	..	119	..	-8	28	3
	2020	93	14	51	..	7	49	5
	2021	82	17	29	..	6	64	6
	2022	111	10	56	..	6	59	6
Denmark	2019	1,592	2,432	2,946	377	391	310	53
	2020	1,469	3,253	4,004	216	340	163	28
	2021	1,505	1,861	3,898	111	-644	2	0
	2022	1,578	2,587	3,325	201	410	229	39
Estonia	2019	..	437	337	106	-20	15	11
	2020	..	526	295	167	63	1	1
	2021	..	561	424	175	-38	0	0
	2022	..	317	157	166	-10	4	3
Faeroe Islands	2019	..	*98	..	26	..	*72	*1,391
	2020	..	*103	..	29	..	*75	*1,417
	2021	..	*102	..	31	..	*71	*1,341
	2022	..	*97	..	35	..	*63	*1,161
Finland	2019	1,412	601	1,175	272	-122	688	125
	2020	1,549	457	1,181	242	-23	606	110
	2021	1,179	643	962	183	45	632	114
	2022	1,689	971	1,431	202	-51	1,078	194
France	2019	6,176	2,883	3,852	1,617	87	3,502	52
	2020	4,066	2,026	2,626	836	-22	2,652	39
	2021	4,124	1,525	2,716	900	-207	2,239	33
	2022	6,196	1,703	3,659	1,041	137	3,063	45
Germany	2019	7,034	1,628	2,736	668	-122	5,380	64
	2020	6,220	1,368	2,792	809	-69	4,056	49
	2021	7,421	1,290	3,613	705	285	4,108	49
	2022	6,945	1,131	3,435	740	58	3,843	46
Gibraltar	2019	..	3,835	..	3,800	..	35	984
	2020	..	3,862	..	3,862	..	0	0
	2021	..	3,766	..	3,766	..	0	0
	2022	..	4,206	..	4,206	..	0	0
Greece	2019	5,172	2,331	2,737	2,220	123	2,423	226
	2020	3,467	1,578	1,392	1,331	61	2,261	211
	2021	4,977	1,808	3,199	1,480	-223	2,328	220
	2022	5,241	1,893	3,059	1,519	46	2,510	241

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Hungary	2019	21	11	3	..	-2	31	3
	2020	23	9	13	..	-3	22	2
	2021	61	0	29	..	7	25	3
	2022	45	8	13	..	3	37	4
Iceland	2019	..	57	..	19	-12	50	139
	2020	..	0	..	..	-1	1	2
	2021	..	4	..	3	5	-4	-12
	2022	..	9	..	8	-2	4	11
Ireland	2019	725	114	724	10	1	103	21
	2020	824	172	817	11	38	130	26
	2021	971	371	962	7	15	359	71
	2022	860	253	859	1	7	245	48
Italy	2019	6,709	1,008	3,718	2,201	57	1,741	29
	2020	5,628	1,239	3,327	1,925	38	1,577	26
	2021	7,431	1,219	5,087	1,866	-619	2,316	39
	2022	6,676	1,389	3,432	1,911	228	2,494	42
Kosovo	2019	..	20	..	..	..	20	11
	2020	..	22	..	..	..	22	13
	2021	..	21	..	..	..	21	12
	2022	..	14	..	..	..	14	8
Latvia	2019	..	44	..	43	-1	2	1
	2020	..	4	..	3	-1	2	1
	2021	..	13	..	11	0	2	1
	2022	..	28	..	25	0	3	1
Lithuania	2019	1,539	123	1,549	120	-26	19	7
	2020	1,105	111	1,028	111	20	57	20
	2021	1,145	88	1,076	86	26	46	16
	2022	1,107	127	1,072	82	-18	97	34
Luxembourg	2019	..	2	0	..	..	2	3
	2020	..	1	0	..	..	1	2
	2021	..	1	0	..	..	1	2
	2022	..	1	..	..	..	1	1
Malta	2019	..	2,115	246	1,962	-100	6	12
	2020	..	1,974	89	1,864	14	7	14
	2021	..	1,657	65	1,623	-39	8	16
	2022	..	1,791	7	1,773	3	8	15
Montenegro	2019	..	3	0	..	1	2	3
	2020	..	1	..	..	-2	2	3
	2021	..	3	..	..	..	3	6
	2022	..	0	..	..	-3	3	5
Netherlands (Kingd. of the)	2019	8,909	11,709	9,682	9,396	86	1,454	83
	2020	9,023	19,865	18,532	9,742	848	-234	-13
	2021	7,743	27,794	24,299	9,232	11	1,995	113
	2022	9,900	24,929	24,214	9,202	89	1,323	74
North Macedonia	2019	..	81	5	..	2	74	39
	2020	..	81	2	..	-4	83	44
	2021	..	93	3	..	4	86	47
	2022	..	211	3	..	20	188	102
Norway	2019	1,806	1,012	1,661	36	-31	1,153	216
	2020	1,494	847	1,601	22	22	695	129
	2021	669	890	810	21	-40	768	142
	2022	147	1,281	147	22	-9	1,267	232

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Poland	2019	3,115	16	2,283	81	-27	794	21
	2020	2,011	31	1,114	86	19	822	22
	2021	1,919	30	986	64	-15	914	24
	2022	2,220	56	1,108	39	15	1,114	29
Portugal	2019	2,114	189	1,113	831	-191	549	53
	2020	2,416	258	1,600	568	-6	512	49
	2021	2,474	157	1,604	538	86	403	39
	2022	2,582	174	1,760	557	-116	556	53
Republic of Moldova	2019	4	6	..	..	5	5	2
	2020	2	5	2	..	4	1	0
	2021	2	2	2	..	-16	18	6
	2022	1	88	1	..	7	81	27
Romania	2019	193	5	139	..	0	59	3
	2020	153	..	85	..	-2	71	4
	2021	182	..	146	..	-34	70	4
	2022	141	..	92	..	-5	55	3
Russian Federation	2019	58,417	108	50,103	2,212	-230	6,440	44
	2020	50,823	119	44,592	1,394	..	4,957	34
	2021	51,575	61	46,348	1,204	..	4,083	28
	2022	47,270	81	42,099	1,147	..	4,106	28
Serbia	2019	257	9	7	..	-1	260	37
	2020	203	26	31	..	-19	218	32
	2021	100	127	3	..	-6	229	34
	2022	188	154	1	..	64	277	41
Slovakia	2019	535	44	344	..	13	222	41
	2020	618	26	418	..	10	216	40
	2021	540	61	396	..	-17	222	41
	2022	482	86	299	..	5	264	48
Slovenia	2019	..	302	137	165	..	0	0
	2020	..	426	315	110	..	0	0
	2021	..	274	197	76	..	0	0
	2022	..	4	4	..	..	0	0
Spain	2019	5,056	6,843	2,701	5,713	25	3,460	73
	2020	2,443	3,974	2,505	3,965	11	-64	-1
	2021	2,645	4,129	2,194	4,577	-239	242	5
	2022	3,643	6,198	2,035	5,778	329	1,700	36
Sweden	2019	4,413	842	3,186	1,573	285	211	21
	2020	3,860	772	2,965	1,877	-74	-137	-13
	2021	3,936	612	2,732	1,747	-157	226	22
	2022	4,032	460	2,987	1,260	-26	271	26
Switzerland	2019	311	1	327	..	-14	0	0
	2020	364	0	362	..	1	1	0
	2021	294	0	275	..	8	11	1
	2022	429	0	435	..	-11	6	1
Ukraine	2019	74	1	13	..	-31	93	2
	2020	75	..	..	..	18	57	1
	2021	82	5	68	..	-21	40	1
	2022	*82	3	*68	..	*-21	*38	*1
United Kingdom	2019	3,016	651	2,232	691	1	743	11
	2020	3,168	740	2,789	546	-9	582	9
	2021	3,068	663	2,612	597	5	517	8
	2022	3,409	513	2,676	666	39	541	8

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
<b>Latin America &amp; Carib.</b>	<b>2019</b>	<b>39,835</b>	<b>12,790</b>	<b>20,300</b>	<b>7,149</b>	<b>-67</b>	<b>25,243</b>	<b>39</b>
	<b>2020</b>	<b>40,581</b>	<b>9,124</b>	<b>24,596</b>	<b>6,156</b>	<b>549</b>	<b>18,405</b>	<b>29</b>
	<b>2021</b>	<b>44,684</b>	<b>8,519</b>	<b>25,728</b>	<b>6,407</b>	<b>-194</b>	<b>21,263</b>	<b>33</b>
	<b>2022</b>	<b>47,607</b>	<b>9,419</b>	<b>32,167</b>	<b>6,998</b>	<b>-1,056</b>	<b>18,917</b>	<b>29</b>
Antigua and Barbuda	2019	..	*187	..	*74	..	*113	*1,237
	2020	..	*181	..	*71	..	*110	*1,198
	2021	..	*185	..	*74	..	*111	*1,202
	2022	..	*185	..	*74	..	*111	*1,199
Argentina	2019	2,138	*200	863	377	-48	1,146	25
	2020	2,683	0	513	224	17	1,929	43
	2021	2,059	355	67	29	-40	2,358	52
	2022	2,209	869	855	373	68	1,782	39
Aruba	2019	..	*188	..	*12	..	*176	*1,647
	2020	..	*192	..	*12	..	*180	*1,678
	2021	..	*197	..	*12	..	*185	*1,724
	2022	..	204	..	*14	..	190	1,762
Bahamas	2019	..	186	..	160	..	26	66
	2020	..	192	..	151	..	41	104
	2021	..	329	..	222	..	107	270
	2022	..	278	..	160	..	118	297
Barbados	2019	..	150	..	..	-3	154	546
	2020	..	146	..	..	8	138	489
	2021	..	141	..	..	-1	142	502
	2022	..	173	..	..	7	165	585
Belize	2019	..	22	..	..	..	22	57
	2020	..	3	..	..	..	3	8
	2021	..	10	..	..	..	10	25
	2022	..	4	..	..	..	4	10
Bonaire, St Eustatius, Saba	2019	..	*42	..	*13	*-1	*31	*1,197
	2020	..	*40	..	*9	..	*31	*1,176
	2021	..	*40	..	*10	*-3	*33	*1,197
	2022	..	*42	..	*10	*-2	*34	*1,195
Brazil	2019	11,626	53	5,801	2,972	34	2,872	14
	2020	16,643	37	10,490	3,295	65	2,830	14
	2021	16,352	591	9,593	2,551	438	4,362	21
	2022	18,482	211	12,384	2,832	591	2,885	14
Chile	2019	993	14	179	102	55	671	35
	2020	997	13	236	32	3	740	38
	2021	1,087	38	344	74	-3	710	36
	2022	720	38	344	74	-57	397	20
Colombia	2019	3,036	0	1,661	19	..	1,356	27
	2020	1,656	0	1,258	5	..	393	8
	2021	2,716	..	1,422	6	..	1,289	25
	2022	1,588	..	1,422	..	..	166	3
Costa Rica	2019	..	133	..	..	25	107	21
	2020	..	91	..	..	-11	102	20
	2021	..	104	..	..	-7	112	22
	2022	..	95	..	..	-15	110	22
Cuba	2019	766	1,343	..	*380	..	1,729	154
	2020	903	1,935	..	*330	..	2,508	224
	2021	664	1,125	..	*370	..	1,418	128
	2022	640	1,518	..	*310	..	1,848	167

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Curaçao	2019	0	1,946	0	1,735	..	211	1,111
	2020	..	1,574	..	1,415	..	159	858
	2021	..	1,646	..	1,475	..	170	919
	2022	..	1,732	..	1,562	..	170	917
Dominica	2019	..	*15	..	*1	..	*14	*201
	2020	..	*14	..	*1	..	*13	*192
	2021	..	*14	..	*1	..	*13	*193
	2022	..	*14	..	*1	..	*13	*195
Dominican Republic	2019	329	1,550	..	..	-1	1,880	173
	2020	136	979	..	..	-1	1,116	101
	2021	366	835	..	..	-2	1,202	108
	2022	329	1,007	..	..	-5	1,341	119
Ecuador	2019	2,866	662	2,223	523	-2	783	45
	2020	2,607	462	2,209	132	-3	732	42
	2021	3,380	359	2,307	886	1	547	31
	2022	3,534	..	2,152	957	1	425	24
El Salvador	2019	..	362	0	..	..	362	58
	2020	..	257	0	..	..	257	41
	2021	..	236	1	..	..	236	38
	2022	..	285	0	..	..	285	45
Guatemala	2019	..	264	17	..	2	245	14
	2020	..	219	2	..	-2	219	13
	2021	..	227	0	..	-7	234	13
	2022	..	252	0	..	17	235	13
Guyana	2019	..	207	..	..	-4	212	262
	2020	..	215	..	..	27	188	233
	2021	..	223	..	..	57	167	204
	2022	..	270	..	..	6	264	322
Haiti	2019	..	126	..	..	..	126	11
	2020	..	121	..	..	..	121	11
	2021	..	119	..	..	..	119	10
	2022	..	117	..	..	..	117	10
Honduras	2019	..	750	1	..	..	748	75
	2020	..	708	0	..	-14	721	71
	2021	..	646	8	..	-3	640	62
	2022	..	690	5	..	8	678	65
Jamaica	2019	887	891	313	..	0	1,465	519
	2020	785	489	630	..	0	644	227
	2021	680	354	502	..	49	483	170
	2022	653	388	374	..	-25	692	244
Mexico	2019	8,472	2,358	4,005	74	-67	6,818	54
	2020	10,019	485	6,224	19	408	3,853	30
	2021	13,874	..	8,957	53	-206	5,070	40
	2022	14,689	..	9,862	60	24	4,743	37
Nicaragua	2019	96	443	30	..	57	453	70
	2020	77	276	71	..	-27	309	47
	2021	95	278	91	..	-38	321	48
	2022	93	358	80	..	44	327	49
Panama	2019	..	198	..	..	74	124	29
	2020	..	57	..	..	48	9	2
	2021	..	30	..	..	7	23	5
	2022	..	181	..	..	33	147	33

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Paraguay	2019	..	5	..	..	0	5	1
	2020	..	2	..	..	0	2	0
	2021	..	0	..	..	-1	1	0
	2022	..	1	..	..	0	1	0
Peru	2019	2,316	30	1,511	391	-175	618	19
	2020	570	29	293	225	-66	147	4
	2021	574	30	384	401	-482	301	9
	2022	1,417	15	629	253	-107	656	20
Saint Barthélemy	2019	..	*31	..	*5	..	*26	*2,500
	2020	..	*32	..	*5	..	*27	*2,544
	2021	..	*32	..	*5	..	*27	*2,475
	2022	..	*35	..	*5	..	*30	*2,704
Saint Martin (French Part)	2019	..	*53	..	*15	..	*37	*1,089
	2020	..	*53	..	*15	..	*38	*1,195
	2021	..	*54	..	*15	..	*39	*1,305
	2022	..	*55	..	*15	..	*39	*1,365
Sint Maarten (Dutch part)	2019	..	*235	..	*124	..	*111	*2,758
	2020	..	*224	..	*120	..	*104	*2,536
	2021	..	*235	..	*125	..	*110	*2,656
	2022	..	*240	..	*128	..	*112	*2,658
St. Lucia	2019	..	*1	..	*1	..	0	0
	2020	..	*1	..	*1	..	0	0
	2021	..	*1	..	*1	..	0	0
	2022	..	*1	..	*1	..	0	0
Suriname	2019	255	2	*212	*32	..	13	21
	2020	262	1	*189	*30	..	44	72
	2021	278	0	*214	*32	..	32	52
	2022	273	25	93	*35	..	169	272
Trinidad and Tobago	2019	..	105	21	3	..	80	54
	2020	..	95	9	1	94	-10	-7
	2021	..	85	21	3	60	0	0
	2022	..	114	50	*61	3	0	0
Uruguay	2019	225	40	..	68	-13	210	62
	2020	214	0	..	15	2	198	58
	2021	237	0	..	14	-14	237	70
	2022	226	23	..	21	22	206	61
Venezuela (Bolivar. Rep.)	2019	5,831	..	3,464	68	..	2,300	79
	2020	3,028	..	2,473	47	..	507	18
	2021	2,322	..	1,818	48	..	456	16
	2022	2,755	..	3,917	52	-1,670	456	16
<b>Northern America</b>	<b>2019</b>	<b>24,709</b>	<b>10,691</b>	<b>14,770</b>	<b>13,188</b>	<b>263</b>	<b>7,179</b>	<b>19</b>
	<b>2020</b>	<b>15,034</b>	<b>12,501</b>	<b>8,934</b>	<b>10,706</b>	<b>7</b>	<b>7,888</b>	<b>21</b>
	<b>2021</b>	<b>16,250</b>	<b>11,506</b>	<b>6,836</b>	<b>12,329</b>	<b>-874</b>	<b>9,465</b>	<b>25</b>
	<b>2022</b>	<b>19,500</b>	<b>12,327</b>	<b>6,783</b>	<b>10,992</b>	<b>826</b>	<b>13,225</b>	<b>35</b>
Bermuda	2019	..	115	..	*9	..	106	1,660
	2020	..	96	..	*7	..	89	1,385
	2021	..	126	..	*9	..	117	1,815
	2022	..	*129	..	*9	..	*120	*1,848
Canada	2019	4,994	803	1,878	168	-20	3,771	100
	2020	3,637	539	829	168	1	3,178	83
	2021	3,784	385	1,344	168	-40	2,697	70
	2022	5,657	366	1,130	168	52	4,673	120

Table 23

## Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Greenland	2019	..	19	..	2	*-4	21	371
	2020	..	0	..	0	*-12	*11	*203
	2021	..	0	..	0	0	0	*1
	2022	..	0	..	0	0	0	0
United States	2019	19,715	9,754	12,892	13,009	286	3,281	10
	2020	11,398	11,866	8,105	10,531	18	4,610	14
	2021	12,466	10,995	5,491	12,152	-834	6,651	20
	2022	13,843	11,832	5,654	10,815	774	8,432	25
<b>Oceania</b>	<b>2019</b>	<b>1,410</b>	<b>1,981</b>	<b>298</b>	<b>986</b>	<b>15</b>	<b>2,093</b>	<b>48</b>
	<b>2020</b>	<b>921</b>	<b>1,697</b>	<b>262</b>	<b>647</b>	<b>-99</b>	<b>1,808</b>	<b>41</b>
	<b>2021</b>	<b>660</b>	<b>1,226</b>	<b>485</b>	<b>415</b>	<b>-47</b>	<b>1,033</b>	<b>23</b>
	<b>2022</b>	<b>459</b>	<b>1,479</b>	<b>224</b>	<b>601</b>	<b>-4</b>	<b>1,118</b>	<b>25</b>
American Samoa	2019	..	0	..	..	..	0	*2
	2020	..	0	..	..	..	0	*2
	2021	..	0	..	..	..	0	*2
	2022	..	0	..	..	..	0	*2
Australia	2019	909	703	203	677	0	732	29
	2020	740	603	262	574	-97	604	23
	2021	438	295	389	360	4	-20	-1
	2022	280	419	147	533	-2	21	1
Cook Islands	2019	..	*5	..	*2	..	*2	*149
	2020	..	*3	..	*1	..	*2	*128
	2021	..	*3	..	*1	..	*2	*158
	2022	..	*4	..	*1	..	*2	*163
Fiji	2019	..	109	0	15	..	94	103
	2020	..	82	0	0	..	82	90
	2021	..	64	0	0	..	64	69
	2022	..	100	0	2	..	98	107
French Polynesia	2019	..	73	..	..	2	71	254
	2020	..	65	..	..	-2	67	240
	2021	..	5	..	..	1	3	12
	2022	..	0	..	..	0	0	0
Nauru	2019	..	*9	..	*4	..	*5	*397
	2020	..	*8	..	*4	..	*5	*395
	2021	..	*9	..	*4	..	*5	*440
	2022	..	*9	..	*4	..	*5	*407
New Caledonia	2019	..	458	..	..	19	439	1,548
	2020	..	407	..	..	11	396	1,393
	2021	..	281	..	..	-48	329	1,154
	2022	..	329	..	..	0	329	1,145
New Zealand	2019	422	23	94	276	3	72	14
	2020	80	22	..	57	-21	66	13
	2021	155	39	96	37	-4	65	13
	2022	107	90	77	48	-2	75	15
Palau	2019	..	*32	..	..	..	*32	*1,787
	2020	..	*31	..	..	..	*31	*1,742
	2021	..	*31	..	..	..	*31	*1,743
	2022	..	*32	..	..	..	*32	*1,779
Papua New Guinea	2019	80	565	..	7	-9	647	67
	2020	101	471	..	6	10	556	57
	2021	67	495	..	7	..	554	55
	2022	*72	*492	..	*7	..	*557	*55



### Production, trade and supply of fuel oil

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Vanuatu	2019	..	*6	..	*6	..	0	0
	2020	..	*5	..	*5	..	0	0
	2021	..	*6	..	*6	..	0	0
	2022	..	*6	..	*6	..	0	0