

Table 23

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.

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	2020	369,943	204,072	221,505	156,539	3,040	192,931	24
	2021	400,419	215,676	241,864	162,636	-2,229	213,824	27
	2022	412,971	224,280	245,723	163,368	3,571	224,589	28
	2023	409,566	242,579	243,967	164,763	-586	244,000	30
Africa	2020	19,223	5,769	14,471	3,003	-945	8,463	6
	2021	19,709	6,079	11,489	2,761	-1,395	12,932	9
	2022	18,834	8,131	9,091	2,519	-958	16,312	11
	2023	17,739	7,649	9,037	2,526	-511	14,336	10
Algeria	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
	2023	5,727	..	5,299	113	74	241	5
Angola	2020	574	..	556	182	-253	91	3
	2021	569	..	462	204	-343	246	7
	2022	*696	..	329	329	*-367	*404	*11
	2023	820	..	327	350	..	143	4
Benin	2020	..	48	..	..	5	43	3
	2021	..	33	..	..	-12	45	3
	2022	..	38	..	3	1	34	2
	2023	..	41	..	3	7	31	2
Botswana	2020	..	11	..	..	..	11	5
	2021	..	12	..	..	..	12	5
	2022	..	13	..	..	..	13	5
	2023	..	13	..	..	..	13	5
Burkina Faso	2020	..	189	..	..	..	189	9
	2021	..	314	..	..	..	314	14
	2022	..	319	..	..	..	319	14
	2023	..	354	..	..	..	354	15
Burundi	2020	..	*23	..	..	..	*23	*2
	2021	..	*31	..	..	..	*31	*2
	2022	..	*31	..	..	..	*31	*2
	2023	..	*18	..	..	..	*18	*1
Cabo Verde	2020	..	*102	..	*34	..	*68	*131
	2021	..	*108	..	*35	..	*73	*141
	2022	..	79	..	*36	*-38	81	155
	2023	..	79	..	*36	*-43	85	163
Cameroon	2020	..	98	..	..	..	98	4
	2021	..	74	..	..	..	74	3
	2022	..	76	..	..	..	76	3
	2023	..	70	..	..	..	70	2
Central African Rep.	2020	..	*3	..	..	..	*3	*1
	2021	..	*3	..	..	..	*3	*1
	2022	..	*3	..	..	..	*3	*1
	2023	..	*3	..	..	..	*3	*1
Chad	2020	*20	..	*19	..	..	*1	0
	2021	*26	..	*20	..	..	*6	0
	2022	*28	..	*20	*8	0
	2023	*50	..	*42	*8	0
Comoros	2020	..	*7	..	*4	*-1	*3	*4
	2021	..	*18	..	*4	*6	*8	*10
	2022	..	*18	..	*5	*6	*7	*9
	2023	..	*20	..	*5	5	*9	*11

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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
Congo	2020	506	3	499	..	..	9	2
	2021	516	3	509	..	..	9	2
	2022	550	3	544	..	..	9	1
	2023	581	3	591	..	..	-7	-1
Côte d'Ivoire	2020	632	36	619	7	..	42	1
	2021	701	..	599	8	..	94	3
	2022	457	9	337	8	..	121	4
	2023	574	141	573	9	..	134	4
Dem. Rep. of the Congo	2020	..	1	..	..	..	1	0
	2021	..	1	..	..	..	1	0
	2022	..	0	..	..	..	0	0
	2023	..	18	..	..	..	18	0
Djibouti	2020	..	24	..	*7	..	17	16
	2021	..	*26	..	*7	..	*19	*17
	2022	..	*25	..	*9	..	*16	*14
	2023	..	*27	..	*10	..	*17	*15
Egypt	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
	2023	5,065	482	68	124	..	5,355	47
Eritrea	2020	..	89	..	22	..	67	20
	2021	..	97	..	23	..	74	22
	2022	..	102	..	24	..	79	23
	2023	..	109	..	25	..	84	24
Eswatini	2020	..	0	..	..	..	0	0
	2021	..	0	..	..	..	0	0
	2022	..	0	..	..	..	0	0
	2023	..	1	..	..	..	1	1
Ethiopia	2020	..	61	..	..	2	60	1
	2021	..	81	..	..	-1	82	1
	2022	..	65	..	..	..	65	1
	2023	..	69	..	..	..	69	1
Gabon	2020	438	..	426	82	-140	71	30
	2021	492	..	505	75	-157	69	29
	2022	484	..	232	96	75	81	33
	2023	500	..	484	87	-144	73	29
Gambia	2020	..	*82	..	..	..	*82	*33
	2021	..	*84	..	..	..	*84	*32
	2022	..	*93	..	..	..	*93	*35
	2023	..	*95	..	..	..	*95	*35
Ghana	2020	216	0	173	..	3	40	1
	2021	145	85	75	..	-4	160	5
	2022	27	26	..	..	2	51	2
	2023	60	21	..	..	16	66	2
Guinea	2020	..	209	..	..	*-47	256	19
	2021	..	160	..	..	*41	119	9
	2022	..	161	..	..	*54	107	8
	2023	..	*110	..	..	..	*110	*8
Guinea-Bissau	2020	..	25	..	..	..	25	13
	2021	..	28	..	..	..	28	14
	2022	..	31	..	..	..	31	15
	2023	..	*32	..	..	..	*32	*15

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
Kenya	2020	..	309	0	*3	..	306	6
	2021	..	340	..	48	..	293	5
	2022	..	337	..	..	..	337	6
	2023	..	377	..	53	..	324	6
Libya	2020	1,398	3	370	97	..	935	133
	2021	2,260	3	941	304	..	1,018	143
	2022	2,836	3	1,527	256	..	1,056	146
	2023	2,036	3	624	285	..	1,130	155
Madagascar	2020	..	182	..	..	*-11	193	7
	2021	..	202	..	..	*-27	228	8
	2022	..	169	..	..	*-18	187	6
	2023	..	171	..	..	*-24	195	6
Malawi	2020	..	*2	..	..	..	*2	0
	2021	..	*2	..	..	..	*2	0
	2022	..	*2	..	..	..	*2	0
	2023	..	*3	..	..	..	*3	0
Mali	2020	..	236	..	..	..	236	11
	2021	..	217	..	..	..	217	10
	2022	..	322	..	..	..	322	14
	2023	..	*328	..	..	..	*328	*14
Mauritania	2020	..	460	..	*18	*63	379	82
	2021	..	*400	..	*18	*53	*329	*69
	2022	..	397	..	*20	..	377	77
	2023	..	504	..	*21	*71	412	82
Mauritius	2020	..	713	..	519	-52	246	192
	2021	..	749	..	508	-17	258	202
	2022	..	757	..	386	24	347	272
	2023	..	724	..	403	-32	353	277
Morocco	2020	..	903	..	114	80	708	19
	2021	..	723	..	114	-362	971	26
	2022	..	1,570	..	114	-220	1,676	45
	2023	..	1,050	..	114	24	911	24
Mozambique	2020	..	30	..	..	..	30	1
	2021	..	30	..	..	..	30	1
	2022	..	27	..	..	..	27	1
	2023	..	33	..	..	..	33	1
Namibia	2020	..	47	2	..	..	45	16
	2021	..	49	2	..	..	47	17
	2022	..	52	3	..	..	49	17
	2023	..	55	3	..	..	52	18
Niger	2020	14	17	..	..	7	24	1
	2021	16	42	..	..	17	41	2
	2022	*18	4	..	..	..	*22	*1
	2023	..	6	..	..	..	6	0
Nigeria	2020	0	65	..	177	-570	458	2
	2021	*97	32	..	147	-543	525	2
	2022	117	14	..	131	-490	490	2
	2023	145	27	..	147	-479	504	2
Rwanda	2020	..	*24	*24	*2
	2021	..	*31	*31	*2
	2022	..	*32	*32	*2
	2023	..	*33	*33	*2

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Senegal	2020	179	758	..	..	-9	946	56
	2021	187	791	..	..	15	964	56
	2022	140	931	..	..	2	1,070	61
	2023	269	859	..	..	..	1,128	62
Seychelles	2020	..	*70	..	*1	*-18	*87	*723
	2021	..	*88	..	*1	*11	*76	*618
	2022	..	*96	..	*1	*26	*69	*550
	2023	..	*100	..	*1	..	*99	*774
Sierra Leone	2020	..	100	..	..	*43	57	7
	2021	..	107	..	..	*21	86	11
	2022	..	80	..	..	*-14	94	11
	2023	..	86	..	..	*-3	88	10
Somalia	2020	..	*58	..	*6	..	*52	*3
	2021	..	*60	..	*6	..	*54	*3
	2022	..	*62	..	*7	..	*55	*3
	2023	..	*64	..	*8	..	*56	*3
South Africa	2020	1,570	207	18	1,297	..	463	8
	2021	751	544	12	817	..	467	8
	2022	309	976	10	710	..	564	9
	2023	1,381	939	744	697	..	879	14
South Sudan	2020	..	..	..	..	..	..	..
	2021	86	..	86	..	..	0	0
	2022	115	..	115	..	..	0	0
	2023	..	..	..	..	..	..	..
Sudan	2020	262	205	..	..	..	467	10
	2021	*263	*228	..	..	..	*491	*10
	2022	*307	*255	..	..	..	*562	*11
	2023	193	330	..	..	..	524	10
Togo	2020	..	133	..	..	-2	135	16
	2021	..	13	..	..	-2	15	2
	2022	..	10	..	..	-5	15	2
	2023	..	11	..	..	..	11	1
Tunisia	2020	394	159	350	..	8	195	16
	2021	537	188	500	..	0	224	19
	2022	448	170	419	..	-9	208	17
	2023	321	135	283	..	15	157	13
Uganda	2020	..	16	..	..	..	16	0
	2021	..	14	..	..	..	14	0
	2022	..	2	..	..	..	2	0
	2023	..	31	..	..	..	31	1
United Rep. of Tanzania	2020	..	48	..	22	..	26	0
	2021	..	52	..	24	..	28	0
	2022	..	64	..	29	..	35	1
	2023	..	63	..	34	..	29	0
Zambia	2020	80	12	..	..	..	92	5
	2021	17	14	..	..	..	31	2
	2022	0	15	..	..	..	15	1
	2023	15	13	..	..	..	28	1
Asia	2020	185,625	126,631	70,734	101,096	2,842	137,583	29
	2021	203,794	132,600	84,267	105,523	30	146,573	31
	2022	210,706	137,860	91,283	105,183	1,614	150,486	32
	2023	214,822	161,846	94,921	106,936	1,688	173,124	36

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
Afghanistan	2020	*5	*5	..	..	..	*10	0
	2021	*4	*5	..	..	..	*9	0
	2022	*3	*5	..	..	..	*8	0
	2023	*2	*6	..	..	..	*8	0
Azerbaijan	2020	62	..	0	..	3	59	6
	2021	106	..	2	..	-67	171	17
	2022	78	94	68	..	97	8	1
	2023	1	132	159	..	-49	24	2
Bahrain	2020	1,948	..	1,958	..	-10	0	0
	2021	2,250	..	2,225	..	25	0	0
	2022	2,771	..	2,711	..	60	0	0
	2023	2,460	..	2,494	..	-34	0	0
Bangladesh	2020	275	2,744	..	147	..	2,872	17
	2021	416	*1,851	..	165	..	*2,102	*13
	2022	368	*2,053	..	168	..	*2,253	*13
	2023	394	5,338	..	178	..	5,554	32
Bhutan	2020	..	2	..	..	..	2	2
	2021	..	1	..	..	..	1	1
	2022	..	1	..	..	..	1	2
	2023	..	3	..	..	..	3	3
Brunei Darussalam	2020	5	..	..	5	..	0	0
	2021	..	..	..	..	..	..	..
	2022	..	..	..	..	..	..	..
	2023	..	..	..	..	..	..	..
Cambodia	2020	..	136	..	..	..	136	8
	2021	..	164	..	..	..	164	10
	2022	..	123	..	..	..	123	7
	2023	..	65	..	..	..	65	4
China	2020	57,807	17,609	15,833	10,564	651	48,368	34
	2021	60,407	19,132	19,613	11,726	-557	48,756	34
	2022	62,247	18,231	18,663	10,719	559	50,537	35
	2023	65,919	33,349	19,751	10,396	1,098	68,024	48
China, Hong Kong SAR	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
	2023	..	5,313	12	5,197	105	-1	0
China, Macao SAR	2020	..	41	..	..	8	34	49
	2021	..	0	..	..	-8	8	11
	2022	..	4	..	..	-2	5	8
	2023	..	11	..	..	-1	13	18
Cyprus	2020	..	772	..	158	-14	628	482
	2021	..	850	..	141	6	703	534
	2022	..	850	..	165	-11	695	522
	2023	..	874	..	148	24	702	522
Georgia	2020	12	0	9	..	2	1	0
	2021	18	0	18	..	0	1	0
	2022	19	0	19	..	-1	0	0
	2023	20	19	41	..	16	-18	-5
India	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
	2023	9,021	9,053	2,103	1,903	..	14,068	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
Indonesia	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
	2023	3,891	109	1,247	..	591	2,162	8
Iran (Islamic Rep. of)	2020	19,926	..	14,543	701	..	4,682	53
	2021	22,538	..	16,486	1,267	..	4,785	54
	2022	23,363	..	16,811	1,267	..	5,285	59
	2023	23,807	..	17,981	1,267	..	4,558	50
Iraq	2020	14,169	..	3,553	259	..	10,358	246
	2021	16,676	..	4,024	248	..	12,404	288
	2022	18,732	..	4,570	267	..	13,894	315
	2023	20,819	..	4,920	247	..	15,652	347
Israel	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
	2023	1,922	..	1,409	407	-74	180	19
Japan	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
	2023	14,006	486	2,911	4,176	5	7,400	59
Jordan	2020	342	..	..	39	..	304	28
	2021	255	..	..	..	*-56	311	28
	2022	209	..	..	..	*-109	319	28
	2023	264	..	..	..	*-198	462	40
Kazakhstan	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
	2023	2,796	..	2,217	..	-233	812	40
Korea, Dem.Ppl's.Rep.	2020	109	382	..	..	..	491	19
	2021	109	227	..	..	..	336	13
	2022	109	256	..	..	..	365	14
	2023	109	332	..	..	..	441	17
Korea, Republic of	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
	2023	11,648	4,732	921	8,689	-69	6,839	132
Kuwait	2020	5,122	278	1,005	866	..	3,530	802
	2021	6,367	1,671	1,847	883	..	5,307	1,217
	2022	5,061	1,636	934	911	..	4,853	1,057
	2023	10,521	746	5,757	917	..	4,594	949
Kyrgyzstan	2020	84	76	31	..	67	62	9
	2021	151	0	128	..	-20	43	6
	2022	164	..	124	..	-5	45	6
	2023	174	5	118	..	11	50	7
Lao People's Dem. Rep.	2020	..	*8	..	..	..	*8	*1
	2021	..	*8	..	..	..	*8	*1
	2022	..	7	..	..	..	7	1
	2023	..	*8	..	..	..	*8	*1
Lebanon	2020	..	3,445	..	..	..	3,445	604
	2021	..	1,454	..	..	..	1,454	254
	2022	..	427	..	..	..	427	74
	2023	..	805	..	..	..	805	139

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
Malaysia	2020	1,214	218	446	419	185	383	11
	2021	1,510	26	593	554	-19	409	12
	2022	1,617	3,527	3,713	811	-50	671	19
	2023	1,573	2,749	3,051	840	-50	480	14
Maldives	2020	..	4	..	*1	*4	0	0
	2021	..	0	..	0	..	0	0
	2022	..	1	..	*1	..	0	0
	2023	..	2	..	*2	..	0	0
Mongolia	2020	..	3	..	..	..	3	1
	2021	..	2	..	..	..	2	1
	2022	..	3	..	..	..	3	1
	2023	..	4	..	..	..	4	1
Myanmar	2020	35	..	..	..	..	35	1
	2021	34	..	..	..	..	34	1
	2022	27	..	..	..	..	27	1
	2023	16	..	..	..	-1	17	0
Nepal	2020	..	77	..	..	..	77	3
	2021	..	41	..	..	..	41	1
	2022	..	31	..	..	..	31	1
	2023	..	32	..	..	..	32	1
Oman	2020	204	..	..	*204	..	0	0
	2021	60	..	..	*60	..	0	0
	2022	338	..	130	*208	..	0	0
	2023	76	..	27	*49	..	0	0
Other Asia	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
	2023	3,841	574	1,247	1,232	185	1,752	75
Pakistan	2020	2,580	0	0	11	..	2,570	11
	2021	2,408	1	0	2	..	2,408	10
	2022	2,055	0	0	1	..	2,054	8
	2023	2,471	0	..	..	..	2,471	10
Philippines	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
	2023	48	1,063	41	22	43	1,005	9
Qatar	2020	1,099	..	1,099	..	..	0	0
	2021	1,127	..	1,127	..	..	0	0
	2022	1,125	..	287	..	..	839	290
	2023	1,133	..	300	..	..	833	280
Saudi Arabia	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	26,532	10,555	11,210	3,514	..	22,363	695
	2023	24,250	13,295	10,055	3,487	..	24,002	722
Singapore	2020	*8,375	50,197	15,509	45,138	222	-2,298	-409
	2021	*7,488	53,197	16,998	45,907	-443	-1,776	-320
	2022	*1,410	57,247	14,284	44,144	207	23	4
	2023	*1,530	59,284	13,312	47,575	-23	-50	-9
Sri Lanka	2020	465	487	..	349	-20	623	28
	2021	359	359	31	471	-149	365	16
	2022	194	246	..	453	-133	119	5
	2023	432	438	18	429	..	423	18

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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
State of Palestine	2020	..	4	..	..	..	4	1
	2021	..	3	..	..	..	3	1
	2022	..	3	..	..	..	3	0
	2023	..	5	..	..	..	5	1
Syrian Arab Republic	2020	2,308	1,300	..	1	..	3,608	171
	2021	121	2,061	..	0	..	2,181	101
	2022	290	2,077	..	0	..	2,368	105
	2023	685	1,907	..	0	..	2,592	110
Tajikistan	2020	8	9	..	..	..	17	2
	2021	10	0	..	..	..	10	1
	2022	5	..	..	..	..	5	1
	2023	4	..	..	..	..	4	0
Thailand	2020	4,663	23	2,588	1,036	350	712	10
	2021	5,260	64	2,960	1,182	315	866	12
	2022	5,473	26	2,796	1,575	..	1,128	16
	2023	4,783	7	2,611	1,330	..	848	12
Türkiye	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
	2023	1,604	2,741	1,245	180	378	2,543	29
Turkmenistan	2020	1,463	..	657	..	..	806	116
	2021	1,449	..	651	..	..	798	113
	2022	1,486	..	667	..	..	819	113
	2023	1,499	..	673	..	..	826	112
United Arab Emirates	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
	2023	2,564	16,977	..	17,952	..	1,589	149
Uzbekistan	2020	170	94	..	..	-3	267	8
	2021	308	*55	..	..	-8	371	11
	2022	128	286	0	..	-24	438	13
	2023	164	697	..	..	-34	895	25
Viet Nam	2020	440	676	369	146	60	541	6
	2021	218	732	488	128	..	334	3
	2022	401	614	236	440	67	272	3
	2023	318	616	299	266	..	369	4
Yemen	2020	49	67	..	47	..	69	2
	2021	45	79	..	47	..	77	2
	2022	47	83	..	48	..	83	2
	2023	59	72	..	47	..	85	2
Europe	2020	108,454	48,400	101,586	34,908	1,237	19,124	25
	2021	111,255	55,794	111,396	35,324	-2,009	22,338	30
	2022	112,037	55,947	104,337	37,024	1,257	25,366	34
	2023	102,922	51,464	93,746	36,059	-1,339	25,921	35
Albania	2020	..	3	..	..	..	3	1
	2021	..	5	..	..	..	5	2
	2022	..	3	..	..	..	3	1
	2023	..	4	..	..	..	4	1
Austria	2020	737	67	471	..	-24	356	40
	2021	645	32	370	..	-33	340	38
	2022	778	38	266	..	40	510	56
	2023	1,019	2	391	..	-4	634	69

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
Belarus	2020	3,515	..	2,719	..	37	759	81
	2021	3,515	..	2,719	..	..	796	86
	2022	3,174	..	2,451	..	..	723	79
	2023	3,084	..	2,384	..	..	700	77
Belgium	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
	2023	2,641	3,944	1,886	5,851	-24	-1,129	-96
Bosnia and Herzegovina	2020	..	41	4	..	0	38	11
	2021	..	32	2	..	-4	34	10
	2022	..	51	7	..	3	41	13
	2023	..	44	6	..	-6	44	14
Bulgaria	2020	259	60	278	16	2	22	3
	2021	209	109	242	26	9	41	6
	2022	552	112	504	20	53	86	13
	2023	521	37	528	21	-31	40	6
Croatia	2020	267	6	239	4	-6	37	9
	2021	291	3	247	4	4	38	10
	2022	274	4	200	7	-2	74	19
	2023	211	0	165	7	-4	43	11
Czechia	2020	93	14	51	..	7	49	5
	2021	82	17	29	..	6	64	6
	2022	111	10	56	..	6	59	6
	2023	150	8	110	..	..	48	4
Denmark	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
	2023	1,753	1,639	3,206	265	-337	257	43
Estonia	2020	..	526	295	167	63	1	1
	2021	..	561	424	175	-38	0	0
	2022	..	317	157	166	-10	4	3
	2023	..	302	140	157	3	2	1
Faeroe Islands	2020	..	*103	..	29	..	*75	*1,417
	2021	..	*102	..	31	..	*71	*1,341
	2022	..	*97	..	35	..	*63	*1,161
	2023	..	*107	..	33	..	*74	*1,352
Finland	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
	2023	1,653	145	1,332	197	-183	452	81
France	2020	4,066	2,026	2,626	836	-22	2,652	39
	2021	4,124	1,525	2,716	940	-207	2,199	32
	2022	6,196	1,703	3,659	1,057	136	3,046	44
	2023	6,051	1,407	3,561	961	-131	3,068	45
Germany	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
	2023	5,953	1,230	3,068	661	52	3,402	40
Gibraltar	2020	..	3,871	..	3,862	..	10	266
	2021	..	3,776	..	3,766	..	10	268
	2022	..	4,216	..	4,206	..	10	259
	2023	..	4,053	..	4,042	..	10	272

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
Greece	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
	2023	3,875	1,828	1,700	1,584	-63	2,482	242
Hungary	2020	23	9	13	..	-3	22	2
	2021	61	0	29	..	7	25	3
	2022	45	8	13	..	3	37	4
	2023	114	10	84	..	1	39	4
Iceland	2020	..	0	..	..	-1	1	2
	2021	..	4	..	3	5	-4	-12
	2022	..	9	..	8	-2	4	11
	2023	..	6	..	6	-2	2	4
Ireland	2020	824	172	817	11	38	130	26
	2021	971	371	962	7	15	359	71
	2022	860	253	859	1	7	245	48
	2023	785	56	800	..	-35	77	15
Italy	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
	2023	6,166	1,073	3,492	1,736	-109	2,120	36
Kosovo	2020	..	22	..	..	..	22	13
	2021	..	21	..	..	..	21	12
	2022	..	14	..	..	..	14	8
	2023	..	15	..	..	..	15	9
Latvia	2020	..	4	..	3	-1	2	1
	2021	..	13	..	11	0	2	1
	2022	..	28	..	25	0	3	1
	2023	..	5	..	3	0	2	1
Lithuania	2020	1,105	111	1,028	111	20	56	20
	2021	1,145	88	1,076	86	26	46	16
	2022	1,107	127	1,072	82	-18	97	34
	2023	927	126	886	78	4	85	30
Luxembourg	2020	..	1	0	..	..	1	2
	2021	..	1	0	..	..	1	2
	2022	..	1	..	..	..	1	1
	2023	..	1	..	..	..	1	2
Malta	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
	2023	..	1,929	56	1,861	4	8	16
Montenegro	2020	..	1	..	..	-2	2	3
	2021	..	14	..	..	..	14	23
	2022	..	9	..	..	-3	12	19
	2023	..	10	..	..	0	10	16
Netherlands (Kingd. of the)	2020	9,023	19,886	18,532	9,742	848	-212	-12
	2021	7,743	27,782	24,299	9,232	11	1,983	112
	2022	9,900	24,915	24,214	9,202	89	1,310	73
	2023	9,590	24,100	22,698	8,723	-152	2,421	134
North Macedonia	2020	..	81	2	..	-4	83	44
	2021	..	93	3	..	4	86	47
	2022	..	211	3	..	20	188	102
	2023	..	141	2	..	-22	162	88

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
Norway	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
	2023	371	1,354	317	20	-6	1,395	253
Poland	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
	2023	2,283	105	1,371	38	18	961	25
Portugal	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
	2023	2,218	162	1,466	445	-53	522	50
Republic of Moldova	2020	2	5	2	..	4	1	0
	2021	2	2	2	..	-16	18	6
	2022	1	88	1	..	7	81	27
	2023	1	102	1	..	-5	107	35
Romania	2020	153	..	85	..	-2	71	4
	2021	182	..	146	..	-34	70	4
	2022	141	..	92	..	-6	56	3
	2023	162	5	116	..	-7	58	3
Russian Federation	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
	2023	41,800	..	35,834	1,205	..	4,761	33
Serbia	2020	203	26	31	..	-19	218	32
	2021	100	127	3	..	-6	229	34
	2022	188	154	1	..	64	277	41
	2023	130	60	0	..	-13	203	30
Slovakia	2020	618	26	418	..	10	216	40
	2021	540	61	396	..	-17	222	41
	2022	482	86	299	..	5	264	48
	2023	518	70	320	..	16	252	46
Slovenia	2020	..	426	315	110	..	0	0
	2021	..	274	197	76	..	0	0
	2022	..	4	4	..	..	0	0
	2023	..	0	0	..	..	0	0
Spain	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
	2023	3,946	6,286	2,343	6,587	-284	1,585	33
Sweden	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	-21	266	25
	2023	3,640	625	2,582	987	71	626	59
Switzerland	2020	364	0	362	..	1	1	0
	2021	294	0	275	..	8	11	1
	2022	429	0	435	..	-11	6	1
	2023	339	1	336	..	2	1	0
Ukraine	2020	75	..	..	..	18	57	1
	2021	81	5	68	..	-21	40	1
	2022	*82	3	*68	..	*-21	*38	*1
	2023	..	4	..	..	..	4	0

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
United Kingdom	2020	3,168	740	2,789	546	-9	582	9
	2021	3,068	687	2,601	597	5	552	8
	2022	3,409	508	2,676	666	39	536	8
	2023	3,021	468	2,565	590	-40	374	5
Latin America & Carib.	2020	40,686	9,064	25,518	6,179	2	18,051	28
	2021	48,752	8,461	27,391	6,284	2,064	21,474	33
	2022	51,465	8,504	34,000	7,048	819	18,102	28
	2023	53,256	12,204	38,166	7,392	716	19,185	29
Antigua and Barbuda	2020	..	*168	..	*71	..	*97	*1,052
	2021	..	*172	..	*74	..	*98	*1,058
	2022	..	*172	..	*74	..	*98	*1,052
	2023	..	*172	..	*74	..	*98	*1,053
Argentina	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
	2023	2,089	375	322	778	63	1,301	29
Aruba	2020	..	*192	..	*12	..	*180	*1,678
	2021	..	*197	..	*12	..	*185	*1,724
	2022	..	204	..	*14	..	190	1,762
	2023	..	*204	..	*14	..	*190	*1,760
Bahamas	2020	..	192	..	151	..	41	104
	2021	..	329	..	222	..	107	270
	2022	..	260	..	160	..	101	253
	2023	..	214	..	134	..	80	200
Barbados	2020	..	146	..	..	8	138	489
	2021	..	141	..	..	-1	142	502
	2022	..	173	..	..	7	165	585
	2023	..	165	..	..	4	162	572
Belize	2020	..	3	..	..	..	3	8
	2021	..	10	..	..	..	10	25
	2022	..	4	..	..	..	4	10
	2023	..	9	..	..	..	9	23
Bonaire, St Eustatius, Saba	2020	..	4	..	..	..	4	135
	2021	..	0	..	..	..	0	0
	2022	..	0	..	..	..	0	0
	2023	..	0	..	..	..	0	0
Brazil	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
	2023	18,572	3,098	15,822	2,568	659	2,622	12
Chile	2020	997	13	236	32	3	740	38
	2021	1,087	38	344	74	-3	710	36
	2022	938	13	438	48	-37	502	26
	2023	983	104	296	34	15	742	38
Colombia	2020	1,656	0	1,258	5	..	393	8
	2021	2,716	..	1,422	6	..	1,289	25
	2022	2,592	..	2,223	6	..	364	7
	2023	3,300	..	2,329	6	..	965	18
Costa Rica	2020	..	91	..	..	-11	102	20
	2021	..	104	..	..	-7	112	22
	2022	..	110	..	..	-15	125	25
	2023	..	208	..	..	19	189	37

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
Cuba	2020	903	1,935	..	*330	..	2,508	224
	2021	664	1,125	..	*370	..	1,418	128
	2022	929	679	..	*355	..	1,253	113
	2023	707	1,145	..	*520	..	1,333	121
Curaçao	2020	..	1,580	..	1,429	..	151	815
	2021	..	1,655	..	1,489	..	166	895
	2022	..	1,762	..	1,592	..	171	921
	2023	..	1,824	..	1,659	..	166	894
Dominica	2020	..	*14	..	*1	..	*13	*192
	2021	..	*14	..	*1	..	*13	*193
	2022	..	*14	..	*1	..	*13	*195
	2023	..	*15	..	*1	..	*14	*206
Dominican Republic	2020	136	979	..	..	-1	1,116	101
	2021	366	835	..	..	-2	1,202	108
	2022	329	1,007	..	..	-5	1,341	119
	2023	400	961	..	..	-2	1,363	120
Ecuador	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
	2023	4,035	..	2,426	1,078	-2	533	30
El Salvador	2020	..	257	0	..	..	257	41
	2021	..	236	1	..	..	236	38
	2022	..	285	0	..	..	285	45
	2023	..	366	0	..	..	366	58
Falkland Is. (Malvinas)	2020	..	*17	..	*4	..	*13	*3,743
	2021	..	*19	..	*4	..	*14	*4,138
	2022	..	*18	..	*4	..	*14	*4,029
	2023	..	19	..	*4	*1	14	4,049
Guatemala	2020	..	219	2	..	-2	219	13
	2021	..	227	0	..	-7	234	13
	2022	..	252	0	..	17	235	13
	2023	..	336	0	..	27	309	17
Guyana	2020	..	215	..	..	*21	195	241
	2021	..	223	..	..	*20	203	249
	2022	..	270	..	..	6	264	322
	2023	..	213	..	..	*3	210	254
Haiti	2020	..	86	..	..	..	86	8
	2021	..	60	..	..	..	60	5
	2022	..	64	..	..	..	64	6
	2023	..	47	..	..	..	47	4
Honduras	2020	..	708	0	..	-14	721	71
	2021	..	646	8	..	-3	640	62
	2022	..	690	5	..	8	678	65
	2023	..	950	4	..	-30	976	92
Jamaica	2020	785	489	630	..	0	644	227
	2021	680	354	502	..	49	483	170
	2022	672	399	385	..	26	660	233
	2023	585	422	402	..	4	601	212
Mexico	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
	2023	14,801	52	9,732	71	142	4,908	38

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
Nicaragua	2020	77	276	71	..	-27	309	47
	2021	95	278	80	..	-38	332	50
	2022	93	359	87	..	-38	403	60
	2023	90	394	95	..	-35	424	62
Panama	2020	..	57	..	..	48	9	2
	2021	..	30	..	..	7	23	5
	2022	..	181	..	..	33	147	33
	2023	..	304	..	..	-51	354	79
Paraguay	2020	..	2	..	..	0	2	0
	2021	..	0	..	..	-1	1	0
	2022	..	1	..	..	0	1	0
	2023	..	2	..	..	1	2	0
Peru	2020	606	31	311	239	-70	156	5
	2021	1,314	56	770	270	22	308	9
	2022	1,429	15	635	255	108	446	13
	2023	2,148	54	1,660	131	-79	490	14
Saint Barthélemy	2020	..	*32	..	*5	..	*27	*2,544
	2021	..	*32	..	*5	..	*27	*2,475
	2022	..	*34	..	*5	..	*29	*2,621
	2023	..	*35	..	*5	..	*29	*2,645
Saint Martin (French Part)	2020	..	*53	..	*15	..	*38	*1,195
	2021	..	*54	..	*15	..	*39	*1,305
	2022	..	*55	..	*15	..	*39	*1,365
	2023	..	*55	..	*15	..	*40	*1,457
Sint Maarten (Dutch part)	2020	..	*224	..	*120	..	*104	*2,536
	2021	..	*235	..	*125	..	*110	*2,656
	2022	..	*240	..	*128	..	*112	*2,658
	2023	..	*235	..	*123	..	*112	*2,629
St. Lucia	2020	..	*1	..	*1	..	0	0
	2021	..	*1	..	*1	..	0	0
	2022	..	*1	..	*1	..	0	0
	2023	..	*1	..	*1	..	0	0
Suriname	2020	262	1	*189	*30	..	44	72
	2021	278	0	*214	*32	..	32	52
	2022	273	25	93	*35	..	169	272
	2023	267	23	142	*66	..	81	129
Trinidad and Tobago	2020	..	95	9	1	94	-10	-7
	2021	..	85	21	3	60	0	0
	2022	..	114	50	*61	3	0	0
	2023	..	74	27	*48	..	0	0
Uruguay	2020	214	0	..	15	2	198	58
	2021	237	0	..	14	-14	237	70
	2022	226	23	..	21	22	206	61
	2023	119	126	..	10	-23	258	76
Venezuela (Bolivar. Rep.)	2020	3,096	..	3,377	47	-536	208	7
	2021	5,650	..	3,106	48	*1,788	708	25
	2022	5,072	..	4,831	52	..	189	7
	2023	5,160	..	4,910	54	..	196	7
Northern America	2020	15,034	12,512	8,934	10,706	4	7,901	21
	2021	16,250	11,516	6,836	12,329	-871	9,472	25
	2022	19,500	12,332	6,783	10,992	831	13,224	35
	2023	20,481	7,486	7,987	11,161	-1,186	10,005	26

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
Bermuda	2020	..	96	..	*7	*-3	92	1,432
	2021	..	126	..	*9	*3	114	1,769
	2022	..	*123	..	*9	*5	*109	*1,689
	2023	..	*110	..	*9	*-5	*106	*1,646
Canada	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
	2023	5,642	294	1,382	168	-110	4,495	114
Greenland	2020	..	0	..	0	*-12	*11	*203
	2021	..	0	..	0	0	0	*1
	2022	..	0	..	0	0	0	0
	2023	..	0	..	0	0	0	0
St. Pierre-Miquelon	2020	..	*10	..	..	..	*10	*1,768
	2021	..	*10	..	..	..	*10	*1,765
	2022	..	*10	..	..	..	*10	*1,675
	2023	..	*10	..	..	..	*10	*1,778
United States	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
	2023	14,839	7,072	6,605	10,984	-1,071	5,392	16
Oceania	2020	921	1,697	262	647	-99	1,808	41
	2021	660	1,226	485	415	-47	1,033	23
	2022	429	1,507	229	601	8	1,099	24
	2023	346	1,931	111	689	47	1,430	31
American Samoa	2020	..	0	..	..	..	0	*2
	2021	..	0	..	..	..	0	*2
	2022	..	0	..	..	..	0	*2
	2023	..	0	..	..	..	0	*2
Australia	2020	740	603	262	574	-97	604	23
	2021	438	295	389	360	4	-20	-1
	2022	280	419	147	533	-2	21	1
	2023	267	719	101	555	-44	373	14
Cook Islands	2020	..	*3	..	*1	..	*2	*128
	2021	..	*3	..	*1	..	*2	*158
	2022	..	*4	..	*1	..	*2	*163
	2023	..	*4	..	*1	..	*3	*188
Fiji	2020	..	82	0	0	..	82	90
	2021	..	64	0	0	..	64	69
	2022	..	100	*5	2	..	93	102
	2023	..	97	*10	7	..	81	87
French Polynesia	2020	..	65	..	..	-2	67	240
	2021	..	5	..	..	1	3	12
	2022	..	0	..	..	0	0	0
	2023	..	0	..	..	0	0	0
Nauru	2020	..	*8	..	*4	..	*5	*395
	2021	..	*9	..	*4	..	*5	*440
	2022	..	*9	..	*4	..	*5	*407
	2023	..	*9	..	*4	..	*5	*404
New Caledonia	2020	..	407	..	..	11	396	1,393
	2021	..	281	..	..	-48	329	1,154
	2022	..	329	..	..	0	329	1,145
	2023	..	395	..	..	35	360	1,242

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
New Zealand	2020	80	22	..	57	-21	66	13
	2021	155	39	96	37	-4	65	13
	2022	107	90	77	48	10	62	12
	2023	..	125	..	109	9	6	1
Palau	2020	..	*31	..	..	..	*31	*1,742
	2021	..	*31	..	..	..	*31	*1,743
	2022	..	*32	..	..	..	*32	*1,779
	2023	..	*32	..	..	..	*32	*1,816
Papua New Guinea	2020	101	471	..	6	10	556	57
	2021	67	495	..	7	..	554	55
	2022	42	520	..	7	..	554	54
	2023	*79	*545	..	*7	*46	*570	*55
Vanuatu	2020	..	*5	..	*5	..	0	0
	2021	..	*6	..	*6	..	0	0
	2022	..	*6	..	*6	..	0	0
	2023	..	*6	..	*6	..	0	0