

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Table Notes

Data refer to aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

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 57: Production of jet fuels by region, 1990-2022

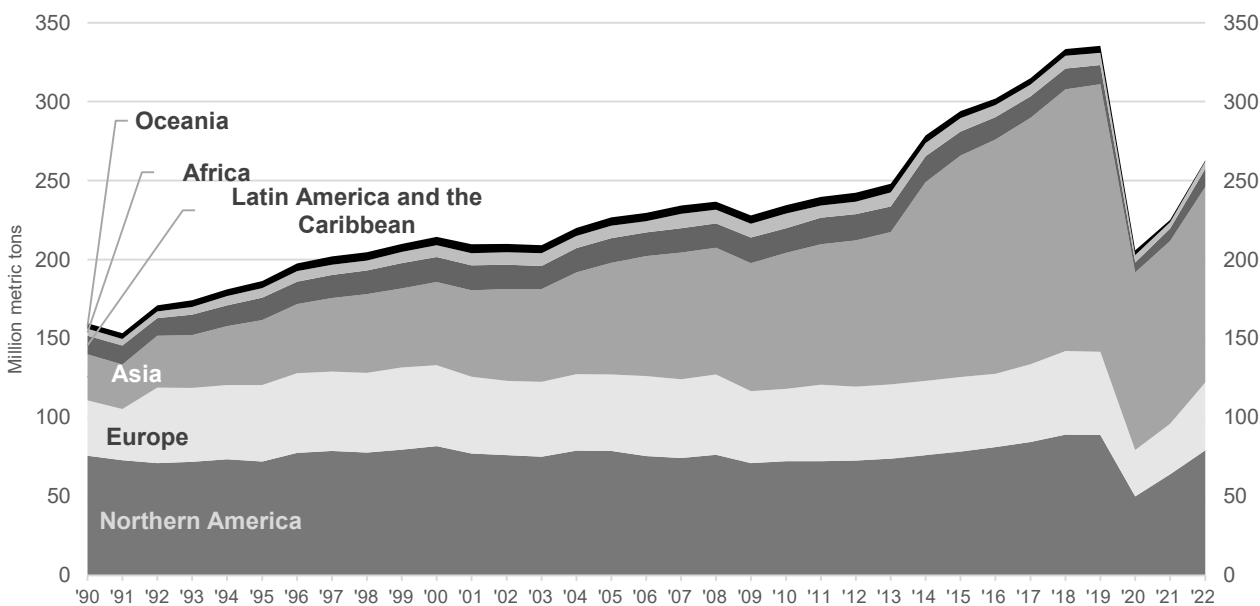


Figure 58: Major jet fuels producing countries, 2022

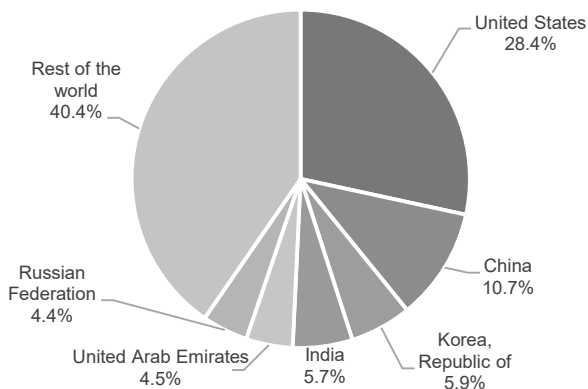
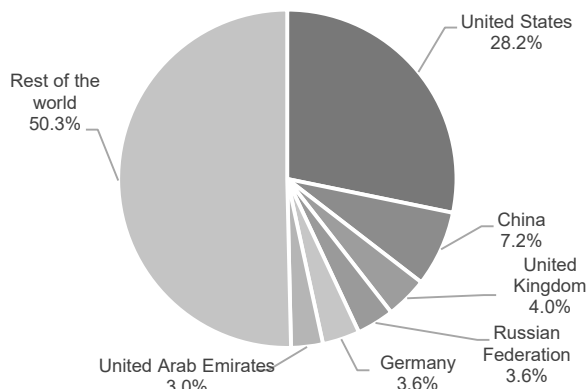


Figure 59: Major jet fuels consuming countries*, 2022



*Consumption includes bunkers

Table 21

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2019	335,471	90,874	97,749	197,699	722	130,174	17
	2020	205,781	57,232	70,660	94,931	2,323	95,100	12
	2021	224,979	55,013	68,039	105,804	-2,817	108,967	14
	2022	262,850	70,643	77,468	146,038	354	109,632	14
Africa	2019	7,661	5,897	3,166	8,415	20	1,958	1
	2020	4,546	3,749	2,785	4,209	-92	1,393	1
	2021	4,013	4,708	1,785	5,238	-3	1,703	1
	2022	4,624	6,142	2,006	6,501	60	2,198	2
Algeria	2019	1,221	..	682	*354	-1	186	4
	2020	992	..	683	*217	-10	102	2
	2021	849	..	434	*223	-19	211	5
	2022	1,013	0	281	362	-67	436	10
Angola	2019	329	..	*23	292	..	14	0
	2020	294	..	27	76	..	191	6
	2021	225	..	42	58	..	126	4
	2022	261	..	42	*60	..	159	4
Benin	2019	..	27	..	21	6	0	0
	2020	..	12	..	16	-8	4	0
	2021	..	22	..	17	4	1	0
	2022	..	28	..	31	-3	1	0
Botswana	2019	..	18	..	16	..	2	1
	2020	..	5	..	4	..	1	1
	2021	..	7	..	6	..	1	1
	2022	..	11	..	10	..	1	0
Burkina Faso	2019	..	27	..	30	*-4	0	0
	2020	..	18	..	18	0	0	0
	2021	..	29	..	29	0	0	0
	2022	..	*29	..	*29	0	0	0
Burundi	2019	..	5	..	5	..	0	0
	2020	..	2	..	2	..	0	0
	2021	..	3	..	3	..	0	0
	2022	..	5	..	5	..	0	0
Cabo Verde	2019	..	*68	..	*46	..	*22	*44
	2020	..	*28	..	*20	..	*8	*15
	2021	..	*22	..	*19	..	*3	*5
	2022	..	*30	..	*20	..	*10	*19
Cameroon	2019	41	16	32	16	..	8	0
	2020	..	11	..	7	..	3	0
	2021	..	18	..	11	..	7	0
	2022	..	21	..	15	..	6	0
Central African Rep.	2019	..	17	..	7	..	10	2
	2020	..	15	..	4	..	11	2
	2021	..	16	..	4	..	12	2
	2022	..	*16	..	*4	..	*12	*2
Chad	2019	*37	*3	*3	27	..	*10	*1
	2020	*39	*2	*3	*27	..	*11	*1
	2021	*39	*2	*3	*27	..	*11	*1
	2022	*36	*3	*3	*25	..	*10	*1
Comoros	2019	..	*7	..	*2	..	*6	*7
	2020	..	*9	..	*2	..	*7	*9
	2021	..	*10	..	*3	..	*8	*9
	2022	..	*12	..	*3	..	*9	*10

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Congo	2019	38	9	..	32	..	15	3
	2020	33	8	..	28	..	13	2
	2021	34	8	..	29	..	13	2
	2022	37	8	..	31	..	14	2
Côte d'Ivoire	2019	552	..	366	172	..	14	0
	2020	236	..	162	60	..	14	0
	2021	268	..	145	104	..	19	1
	2022	332	..	174	142	..	16	1
Dem. Rep. of the Congo	2019	..	133	..	133	..	0	0
	2020	..	99	..	99	..	0	0
	2021	..	121	..	121	..	0	0
	2022	..	80	..	80	..	0	0
Djibouti	2019	..	*81	..	*81	..	0	0
	2020	..	76	..	*76	..	0	0
	2021	..	*94	..	*94	..	0	0
	2022	..	*84	..	*84	..	0	0
Egypt	2019	2,618	..	1,397	641	..	580	5
	2020	1,795	..	1,111	306	..	379	3
	2021	1,570	..	618	267	..	685	6
	2022	1,499	..	590	255	..	654	6
Equatorial Guinea	2019	..	*46	..	46	..	0	0
	2020	..	*31	..	31	..	0	0
	2021	..	*28	..	28	..	0	0
	2022	..	*35	..	35	..	0	0
Eritrea	2019	..	11	..	9	..	2	1
	2020	..	4	..	3	..	1	0
	2021	..	6	..	5	..	1	0
	2022	..	16	..	13	..	3	1
Eswatini	2019	..	2	..	2	..	0	0
	2020	..	1	..	1	..	0	0
	2021	..	0	..	0	..	0	0
	2022	..	1	..	1	..	0	0
Ethiopia	2019	..	813	..	820	-13	6	0
	2020	..	380	..	379	-3	3	0
	2021	..	830	..	825	..	5	0
	2022	..	953	..	945	..	8	0
Gabon	2019	36	43	23	42	..	14	6
	2020	39	19	17	31	..	10	4
	2021	28	22	10	31	..	9	4
	2022	38	20	17	33	7	2	1
Gambia	2019	..	21	*1	*20	..	0	0
	2020	..	*19	*1	*18	..	0	0
	2021	..	*20	*1	*19	..	0	0
	2022	..	*21	*1	*20	..	0	0
Ghana	2019	80	188	..	212	34	21	1
	2020	28	87	..	120	-20	14	0
	2021	1	195	0	191	-9	14	0
	2022	..	212	5	191	9	7	0
Guinea	2019	..	47	..	*42	..	5	0
	2020	..	30	..	*26	..	3	0
	2021	..	46	..	*42	..	5	0
	2022	..	49	..	*44	..	5	0

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Guinea-Bissau	2019	..	0	..	0	..	0	0
	2020	..	0	..	0	..	0	0
	2021	..	0	..	0	..	0	0
	2022	..	*1	..	*1	..	0	0
Kenya	2019	..	487	0	705	..	-218	-4
	2020	..	682	0	392	..	289	6
	2021	..	508	..	480	..	28	1
	2022	..	593	..	545	..	48	1
Lesotho	2019	..	0	..	0	0	0	0
	2020	..	0	..	0	..	0	0
	2021	..	0	..	0	0	0	0
	2022	..	1	..	0	*1	0	0
Liberia	2019	..	*13	..	*6	..	*8	*1
	2020	..	*10	..	*4	..	*6	*1
	2021	..	*11	..	*5	..	*7	*1
	2022	..	*12	..	*5	..	*7	*1
Libya	2019	421	..	369	49	..	2	0
	2020	297	..	278	17	..	2	0
	2021	499	..	449	42	..	8	1
	2022	617	..	552	59	..	6	1
Madagascar	2019	..	57	..	48	-4	12	0
	2020	..	20	..	18	*-1	3	0
	2021	..	13	..	12	*-3	3	0
	2022	..	43	..	26	*10	7	0
Malawi	2019	..	5	..	*4	..	1	0
	2020	..	3	..	3	..	1	0
	2021	..	8	..	7	..	0	0
	2022	..	11	..	11	..	1	0
Mali	2019	..	68	..	68	..	0	0
	2020	..	52	..	52	..	0	0
	2021	..	85	..	85	..	0	0
	2022	..	63	..	63	..	0	0
Mauritania	2019	..	39	..	20	*17	1	0
	2020	..	24	..	12	*11	1	0
	2021	..	*32	..	17	*14	*1	0
	2022	..	59	..	18	*40	1	0
Mauritius	2019	..	287	..	147	-6	147	114
	2020	..	71	..	56	-41	56	44
	2021	..	69	..	31	6	31	24
	2022	..	211	..	102	-12	121	95
Morocco	2019	..	818	..	775	11	32	1
	2020	..	276	..	278	-14	12	0
	2021	..	398	..	375	7	16	0
	2022	..	731	..	630	75	26	1
Mozambique	2019	..	62	..	26	..	36	1
	2020	..	24	..	14	..	10	0
	2021	..	53	..	18	..	35	1
	2022	..	81	28	15	..	37	1
Namibia	2019	..	87	..	82	..	5	2
	2020	..	91	..	84	..	7	3
	2021	..	96	..	94	..	2	1
	2022	..	101	..	98	..	2	1

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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
Niger	2019	0	46	..	*46	..	0	0
	2020	0	48	..	*48	..	0	0
	2021	..	51	..	*51	..	0	0
	2022	..	72	..	*72	..	0	0
Nigeria	2019	5	706	..	652	..	59	0
	2020	0	340	..	303	..	36	0
	2021	1	499	..	456	..	44	0
	2022	4	632	..	561	..	74	0
Rwanda	2019	..	46	..	*24	..	22	2
	2020	..	30	..	*16	..	14	1
	2021	..	46	..	*24	..	22	2
	2022	..	*48	..	*25	..	*23	*2
Sao Tome and Principe	2019	..	*5	..	*3	..	*1	*6
	2020	..	*5	..	*4	..	*1	*5
	2021	..	*5	..	*4	..	*1	*5
	2022	..	*5	..	*4	..	*1	*5
Senegal	2019	..	192	..	192	*-8	8	1
	2020	..	143	..	138	..	5	0
	2021	..	155	..	150	..	4	0
	2022	..	163	..	152	-1	13	1
Seychelles	2019	..	50	..	*43	..	6	54
	2020	..	*41	..	36	..	*5	*43
	2021	..	*42	..	*36	..	*6	*49
	2022	..	*45	..	*39	..	*6	*51
Sierra Leone	2019	..	*3	..	4	..	-1	0
	2020	..	*2	..	2	..	*1	0
	2021	..	*3	..	3	..	0	0
	2022	..	*6	..	6	..	0	0
Somalia	2019	..	*86	..	*86	..	0	0
	2020	..	*89	..	*89	..	0	0
	2021	..	*92	..	*92	..	0	0
	2022	..	*95	..	*95	..	0	0
South Africa	2019	2,211	387	270	1,452	..	876	15
	2020	777	485	503	623	..	136	2
	2021	480	370	82	469	..	300	5
	2022	763	662	313	700	..	412	7
South Sudan	2019	..	79	..	73	..	5	1
	2020	..	59	..	49	..	10	1
	2021	..	79	..	73	..	5	0
	2022	..	79	..	73	..	5	0
Sudan	2019	71	*79	..	*150	..	0	0
	2020	16	*80	..	*96	..	0	0
	2021	19	*109	..	*128	..	0	0
	2022	24	*115	..	*139	..	0	0
Togo	2019	..	58	..	56	-1	3	0
	2020	..	57	..	54	-1	4	1
	2021	..	78	..	79	-2	1	0
	2022	..	90	..	91	-2	0	0
Tunisia	2019	..	302	..	300	-12	15	1
	2020	..	91	..	101	-5	-5	0
	2021	..	135	..	128	-1	8	1
	2022	..	221	..	212	6	3	0

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Uganda	2019	..	106	..	106	..	0	0
	2020	..	56	..	56	..	0	0
	2021	..	84	..	84	..	0	0
	2022	..	124	..	124	..	0	0
United Rep. of Tanzania	2019	..	173	..	149	..	23	0
	2020	..	94	..	59	..	35	1
	2021	..	129	..	80	..	49	1
	2022	..	150	..	107	..	43	1
Zambia	2019	2	26	..	29	..	-2	0
	2020	0	5	..	17	..	-12	-1
	2021	..	23	..	23	..	0	0
	2022	..	34	..	32	..	1	0
Zimbabwe	2019	..	51	..	51	..	0	0
	2020	..	18	..	18	..	0	0
	2021	..	40	..	37	..	2	0
	2022	..	64	..	58	-2	8	0
Asia	2019	169,567	20,250	60,340	80,247	360	48,869	11
	2020	112,357	12,547	47,046	35,357	1,403	41,099	9
	2021	115,728	9,143	43,700	37,237	327	43,608	9
	2022	123,938	10,427	46,814	50,043	43	37,464	8
Afghanistan	2019	..	53	..	*10	..	44	1
	2020	..	64	..	*12	..	53	1
	2021	..	*54	..	*13	..	*41	*1
	2022	..	*39	..	*6	..	*33	*1
Armenia	2019	..	69	..	69	..	0	0
	2020	..	37	..	37	..	0	0
	2021	..	52	0	*52	..	0	0
	2022	..	98	..	98	..	0	0
Azerbaijan	2019	667	67	120	313	1	300	30
	2020	519	..	49	336	2	132	13
	2021	492	9	12	419	-26	95	9
	2022	571	36	3	432	20	152	15
Bahrain	2019	3,097	..	2,533	508	33	23	15
	2020	2,326	..	2,068	287	-71	42	28
	2021	1,932	..	1,532	322	39	39	26
	2022	2,318	..	1,727	519	34	38	25
Bangladesh	2019	..	430	..	410	..	21	0
	2020	1	344	..	321	..	24	0
	2021	238	..	..	218	..	20	0
	2022	210	..	..	190	..	20	0
Bhutan	2019	..	4	..	4	..	0	0
	2020	..	1	..	1	..	0	0
	2021	..	1	..	1	..	0	0
	2022	..	2	..	2	..	0	1
Brunei Darussalam	2019	248	55	144	108	51	0	0
	2020	334	118	313	38	25	76	171
	2021	94	..	77	18	-1	0	0
	2022	49	37	16	37	26	7	16
Cambodia	2019	..	225	..	156	..	69	4
	2020	..	58	..	43	..	14	1
	2021	..	22	..	21	..	1	0
	2022	..	42	..	38	..	4	0

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
China	2019	51,511	2,826	17,610	10,590	..	26,137	18
	2020	*38,764	2,657	9,975	4,771	48	*26,627	*19
	2021	*39,136	1,573	8,575	4,379	-211	*27,966	*20
	2022	28,240	1,143	10,949	422	-76	18,089	13
China, Hong Kong SAR	2019	..	6,080	..	6,187	-113	6	1
	2020	..	3,297	..	3,379	-88	6	1
	2021	..	2,991	..	3,060	-74	5	1
	2022	..	2,562	..	2,662	-110	9	1
Cyprus	2019	..	298	..	295	-5	8	6
	2020	..	98	..	90	3	5	3
	2021	..	152	..	150	1	1	1
	2022	..	256	17	251	-7	-6	-5
Georgia	2019	..	102	..	101	0	1	0
	2020	..	57	..	55	1	0	0
	2021	..	96	..	94	1	1	0
	2022	..	130	..	132	-3	0	0
India	2019	*15,212	*65	*6,906	*3,979	71	*4,321	*3
	2020	*7,077	..	*3,544	*1,277	211	*2,045	*1
	2021	*10,261	..	*5,186	1,751	-70	*3,394	*2
	2022	15,000	..	7,264	*3,089	..	4,647	3
Indonesia	2019	3,389	227	102	916	0	2,598	10
	2020	2,446	29	363	442	..	1,670	6
	2021	1,924	*1	133	183	..	1,609	6
	2022	2,156	374	20	207	15	2,288	8
Iran (Islamic Rep. of)	2019	1,461	*1	..	661	..	801	9
	2020	806	0	..	289	..	518	6
	2021	1,167	0	..	466	..	701	8
	2022	1,242	*1	..	698	..	545	6
Iraq	2019	235	16	22	215	..	15	0
	2020	106	..	46	57	..	3	0
	2021	176	..	61	108	..	6	0
	2022	167	..	18	142	..	7	0
Israel	2019	1,420	..	..	1,122	..	298	34
	2020	557	..	..	408	..	149	17
	2021	694	..	..	517	..	177	20
	2022	1,110	..	..	879	..	231	25
Japan	2019	12,238	1,170	2,451	6,866	7	4,085	32
	2020	5,045	552	748	2,704	-101	2,246	18
	2021	6,711	709	1,320	3,766	39	2,296	18
	2022	8,598	708	1,686	4,597	-81	3,104	25
Jordan	2019	163	305	..	*86	..	382	36
	2020	143	0	..	*43	..	100	9
	2021	201	16	..	*56	..	161	15
	2022	146	74	..	*55	..	165	15
Kazakhstan	2019	629	40	26	461	24	158	8
	2020	444	21	6	206	-9	261	13
	2021	606	73	17	484	-15	193	10
	2022	671	154	13	439	2	371	19
Korea, Republic of	2019	21,544	0	14,480	5,300	104	1,660	32
	2020	14,199	1	10,118	2,832	-320	1,569	30
	2021	12,255	1	7,949	2,497	-145	1,954	38
	2022	15,492	0	10,815	3,134	7	1,537	30

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Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Kuwait	2019	1,573	..	635	938	..	0	0
	2020	1,328	..	902	426	..	0	0
	2021	1,917	..	1,477	440	..	0	0
	2022	2,565	..	1,679	886	..	0	0
Kyrgyzstan	2019	..	63	55	*5	-3	6	1
	2020	..	66	57	*2	6	1	0
	2021	..	68	48	*4	1	15	2
	2022	..	101	86	..	-8	23	3
Lao People's Dem. Rep.	2019	..	*49	..	*36	..	*13	*2
	2020	..	*21	..	*11	..	*10	*1
	2021	..	*11	..	*4	..	*7	*1
	2022	..	*11	..	4	..	*7	*1
Lebanon	2019	..	270	..	270	..	0	0
	2020	..	97	..	97	..	0	0
	2021	..	130	..	130	..	0	0
	2022	..	227	..	227	..	0	0
Malaysia	2019	3,363	560	644	2,421	135	723	22
	2020	2,383	738	1,130	899	808	284	8
	2021	2,312	421	1,489	728	215	301	9
	2022	2,080	414	1,303	818	..	373	11
Maldives	2019	..	43	..	*21	..	22	44
	2020	..	22	..	*10	..	12	24
	2021	..	30	..	*15	..	15	29
	2022	..	50	..	*26	..	24	46
Mongolia	2019	..	47	..	43	..	3	1
	2020	..	19	..	18	..	1	0
	2021	..	28	..	26	..	2	1
	2022	..	74	..	*70	..	4	1
Myanmar	2019	12	201	..	72	..	141	3
	2020	8	85	..	16	..	77	1
	2021	12	64	..	10	..	66	1
	2022	15	60	..	21	..	54	1
Nepal	2019	..	93	..	80	-1	14	0
	2020	..	49	..	39	1	9	0
	2021	..	106	..	86	1	19	1
	2022	..	122	..	102	2	18	1
Oman	2019	1,804	..	1,053	605	..	146	32
	2020	898	..	649	152	..	98	22
	2021	764	..	570	136	..	58	13
	2022	1,027	..	662	287	..	77	16
Other Asia	2019	4,568	40	1,036	3,340	-94	326	14
	2020	3,584	82	878	2,072	-6	721	30
	2021	3,260	39	411	2,024	50	814	35
	2022	3,732	81	987	2,008	-48	867	37
Pakistan	2019	590	184	0	*195	..	579	3
	2020	494	55	..	161	..	389	2
	2021	629	73	..	240	..	462	2
	2022	671	61	..	*250	..	483	2
Philippines	2019	810	1,506	..	1,640	-20	695	6
	2020	343	439	..	575	-45	252	2
	2021	270	428	..	542	7	149	1
	2022	683	917	..	1,222	57	321	3

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Qatar	2019	3,299	..	1,004	2,237	58	0	0
	2020	3,399	..	934	1,480	986	0	0
	2021	3,489	..	983	1,769	738	0	0
	2022	3,510	..	1,005	2,214	291	0	0
Saudi Arabia	2019	4,848	..	*222	*3,372	..	1,254	41
	2020	1,984	..	*150	*1,090	..	744	24
	2021	2,072	..	*110	*1,062	..	900	29
	2022	3,564	..	139	2,665	..	760	24
Singapore	2019	11,347	2,005	4,688	8,429	..	235	41
	2020	9,641	1,988	9,292	1,953	..	384	68
	2021	9,410	928	8,345	1,993	..	0	0
	2022	9,551	432	3,286	6,735	..	-38	-7
Sri Lanka	2019	259	398	..	473	-4	187	8
	2020	157	101	..	187	11	61	3
	2021	131	178	..	222	-4	91	4
	2022	55	215	..	351	-83	2	0
Syrian Arab Republic	2019	184	..	82	10	..	92	5
	2020	192	..	97	9	..	86	4
	2021	186	..	105	8	..	73	3
	2022	186	..	84	10	..	92	4
Tajikistan	2019	..	40	..	40	..	0	0
	2020	..	24	..	24	..	0	0
	2021	..	16	..	16	..	0	0
	2022	..	61	..	61	..	0	0
Thailand	2019	6,168	309	675	*4,498	..	1,303	18
	2020	2,640	117	555	*1,489	..	713	10
	2021	1,698	12	270	*1,010	..	430	6
	2022	3,025	46	684	*1,838	..	549	8
Timor-Leste	2019	..	3	..	*3	..	0	0
	2020	..	3	..	*3	..	0	0
	2021	..	4	..	*4	..	0	0
	2022	..	4	..	*4	..	0	0
Türkiye	2019	5,964	353	706	4,289	149	1,173	14
	2020	2,926	122	599	1,832	-62	678	8
	2021	3,306	207	46	2,610	-38	895	10
	2022	4,716	445	257	3,866	-31	1,069	12
Turkmenistan	2019	326	..	..	287	..	39	6
	2020	87	..	..	64	..	23	3
	2021	54	..	..	27	..	27	4
	2022	75	..	..	70	..	5	1
United Arab Emirates	2019	11,829	..	4,292	7,173	..	364	39
	2020	8,636	..	3,889	4,438	..	309	33
	2021	9,852	..	4,497	4,997	..	359	37
	2022	11,768	..	3,977	7,416	..	375	37
Uzbekistan	2019	157	3	51	*133	-4	-19	-1
	2020	124	3	17	*111	..	-1	0
	2021	118	..	..	92	3	24	1
	2022	181	..	..	156	-33	58	2
Viet Nam	2019	559	2,051	716	1,277	-30	647	7
	2020	699	1,179	605	567	..	706	7
	2021	303	652	434	464	-184	241	2
	2022	506	1,449	86	701	71	1,097	11

Table 21

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Yemen	2019	94	..	88	6	..	0	0
	2020	66	..	60	5	..	0	0
	2021	57	..	52	5	..	0	0
	2022	58	..	53	5	..	0	0
Europe	2019	52,767	40,078	21,497	60,458	525	10,365	14
	2020	29,513	24,516	15,097	27,911	1,368	9,654	13
	2021	31,965	24,654	16,217	32,342	-2,601	10,661	14
	2022	42,836	34,583	18,027	49,518	112	9,762	13
Albania	2019	..	32	..	21	11	0	0
	2020	..	28	..	16	12	0	0
	2021	..	32	..	16	16	0	0
	2022	..	50	..	37	13	0	0
Austria	2019	894	52	29	928	-37	25	3
	2020	363	55	9	308	56	46	5
	2021	344	40	5	390	-26	16	2
	2022	405	218	2	594	10	18	2
Belarus	2019	463	23	297	186	-12	15	2
	2020	225	20	123	106	1	15	2
	2021	225	20	123	123	..	-1	0
	2022	214	19	117	117	..	-1	0
Belgium	2019	2,195	1,427	2,126	1,660	58	-221	-19
	2020	830	957	1,101	1,138	113	-565	-49
	2021	712	1,062	640	1,436	-134	-167	-14
	2022	1,638	875	730	1,663	78	41	4
Bosnia and Herzegovina	2019	..	9	..	9	..	0	0
	2020	..	4	..	4	0	0	0
	2021	..	14	..	14	1	0	0
	2022	..	29	..	29	0	0	0
Bulgaria	2019	232	34	8	231	7	20	3
	2020	138	15	4	134	-2	16	2
	2021	177	6	16	159	-7	15	2
	2022	242	8	25	213	2	10	1
Croatia	2019	158	48	16	190	-10	10	3
	2020	58	1	2	51	0	5	1
	2021	80	13	2	94	-10	7	2
	2022	150	37	2	177	-1	8	2
Czechia	2019	216	257	8	405	14	46	4
	2020	48	101	..	110	-6	45	4
	2021	65	98	2	148	-7	20	2
	2022	117	171	..	256	12	20	2
Denmark	2019	121	1,012	12	1,006	64	50	9
	2020	79	533	83	320	151	57	10
	2021	92	324	191	411	-235	48	8
	2022	144	663	1	706	53	47	8
Estonia	2019	..	68	..	67	..	1	1
	2020	..	25	..	23	..	1	1
	2021	..	45	..	42	1	2	1
	2022	..	56	..	56	-1	2	1
Finland	2019	725	259	1	812	-8	179	32
	2020	258	196	1	274	18	161	29
	2021	318	85	1	268	-37	171	31
	2022	692	105	30	514	17	236	42

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
France	2019	3,889	6,053	1,745	6,048	-89	2,238	33
	2020	1,481	4,044	1,489	2,594	-9	1,452	21
	2021	1,105	4,998	1,708	2,626	43	1,728	25
	2022	2,526	5,507	1,280	4,644	-59	2,169	32
Germany	2019	5,077	6,797	1,401	9,532	120	821	10
	2020	2,519	3,033	687	4,408	19	438	5
	2021	2,892	4,007	960	5,887	-224	276	3
	2022	4,463	6,336	1,678	8,749	-9	381	5
Gibraltar	2019	..	8	..	8	..	0	0
	2020	..	4	..	4	..	0	0
	2021	..	6	..	6	..	0	0
	2022	..	8	..	8	..	0	0
Greece	2019	2,813	150	1,559	1,101	-63	367	34
	2020	1,638	267	1,178	346	7	374	35
	2021	1,902	507	1,420	678	-52	362	34
	2022	2,895	82	1,369	1,126	42	440	42
Hungary	2019	300	18	39	270	-1	10	1
	2020	123	1	..	98	15	11	1
	2021	141	1	5	119	-1	19	2
	2022	219	54	6	250	5	12	1
Iceland	2019	..	290	..	303	-22	9	24
	2020	..	84	..	83	-4	5	12
	2021	..	139	..	131	1	7	20
	2022	..	281	..	265	7	9	22
Ireland	2019	..	1,491	60	1,054	76	300	61
	2020	..	976	..	374	214	388	78
	2021	..	717	134	418	-128	294	58
	2022	..	1,149	..	954	-26	221	43
Italy	2019	2,706	2,563	333	3,864	62	1,010	17
	2020	1,289	793	55	1,456	-46	618	10
	2021	1,422	692	29	1,589	-70	566	9
	2022	2,208	1,587	31	2,769	39	955	16
Kosovo	2019	..	2	..	2	..	0	0
	2020	..	2	..	2	..	0	0
	2021	..	2	..	2	..	0	0
	2022	..	4	..	4	..	0	0
Latvia	2019	..	154	..	152	0	2	1
	2020	..	59	..	56	2	1	0
	2021	..	75	..	76	-2	1	1
	2022	..	208	5	138	61	4	2
Lithuania	2019	996	45	264	119	3	655	234
	2020	878	0	103	52	-9	732	262
	2021	770	1	138	60	9	564	202
	2022	857	4	77	98	-4	690	245
Luxembourg	2019	..	582	..	583	-2	0	0
	2020	..	531	..	531	0	0	0
	2021	..	606	..	606	0	0	0
	2022	..	629	..	629	0	0	0
Malta	2019	..	174	..	160	13	1	1
	2020	..	51	..	58	-7	1	1
	2021	..	73	..	75	-3	1	1
	2022	..	125	..	123	2	1	1

Table 21

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Montenegro	2019	..	49	28	21	..	0	0
	2020	..	14	10	5	-1	0	0
	2021	..	27	15	12	..	0	0
	2022	..	22	5	18	..	0	0
Netherlands (Kingd. of the)	2019	8,810	3,445	8,159	3,823	197	76	4
	2020	4,521	4,028	5,983	2,132	10	424	24
	2021	4,381	4,457	5,537	2,345	-230	1,187	67
	2022	7,127	3,820	7,776	3,048	-98	222	12
North Macedonia	2019	..	57	30	27	1	0	0
	2020	..	31	15	15	0	0	0
	2021	..	31	15	16	-1	0	0
	2022	..	52	25	26	0	0	0
Norway	2019	655	250	11	534	5	355	66
	2020	371	228	66	168	8	356	66
	2021	465	201	232	164	-50	321	59
	2022	419	380	42	429	-3	332	61
Poland	2019	1,355	24	284	1,048	14	33	1
	2020	616	0	179	445	-26	18	0
	2021	758	3	177	549	5	30	1
	2022	1,153	1	166	952	5	30	1
Portugal	2019	1,346	253	16	1,420	-37	200	19
	2020	588	3	1	509	-39	120	12
	2021	662	150	2	648	43	119	11
	2022	1,156	353	1	1,354	-13	168	16
Republic of Moldova	2019	..	49	..	48	1	0	0
	2020	..	16	..	17	-1	0	0
	2021	..	41	..	40	0	0	0
	2022	..	45	..	45	0	0	0
Romania	2019	512	39	370	131	-6	56	3
	2020	204	33	162	41	-2	35	2
	2021	231	66	195	72	-10	40	2
	2022	410	66	324	79	4	69	4
Russian Federation	2019	13,176	30	2,405	5,702	..	5,099	35
	2020	10,934	29	1,972	4,674	..	4,317	29
	2021	12,886	29	2,384	5,558	..	4,973	34
	2022	11,474	..	2,321	4,891	..	4,262	29
Serbia	2019	155	21	39	138	-1	0	0
	2020	88	1	15	77	-2	0	0
	2021	120	5	17	109	-2	0	0
	2022	166	6	20	146	7	0	0
Slovakia	2019	72	5	33	44	..	0	0
	2020	33	6	11	28	..	0	0
	2021	37	2	17	22	..	0	0
	2022	75	8	50	33	..	0	0
Slovenia	2019	..	310	265	26	18	0	0
	2020	..	125	93	10	23	0	0
	2021	..	31	61	10	-41	0	0
	2022	..	339	321	21	-4	1	0
Spain	2019	454	1,680	401	4,643	-45	-2,865	-60
	2020	155	1,231	519	1,496	338	-967	-20
	2021	316	702	789	1,754	-451	-1,074	-22
	2022	427	1,549	401	3,480	99	-2,005	-42

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Sweden	2019	259	985	147	867	26	204	20
	2020	122	655	42	333	209	192	19
	2021	16	169	232	348	-404	9	1
	2022	78	700	99	609	-9	79	8
Switzerland	2019	3	1,937	..	1,813	45	83	10
	2020	9	803	..	665	94	54	6
	2021	..	733	0	751	-45	27	3
	2022	3	1,255	0	1,341	-123	41	5
United Kingdom	2019	5,185	9,397	1,414	11,461	122	1,585	24
	2020	1,943	5,536	1,193	4,751	234	1,301	19
	2021	1,849	4,444	1,172	4,573	-550	1,098	16
	2022	3,577	7,785	1,125	8,928	6	1,303	19
Latin America & Carib.	2019	12,134	8,414	1,135	13,571	-320	6,161	10
	2020	6,348	3,843	515	6,209	-114	3,582	6
	2021	8,073	5,462	327	8,378	-29	4,859	7
	2022	11,608	7,809	1,822	12,489	240	4,866	7
Anguilla	2019	..	*6	..	*6	..	0	0
	2020	..	*2	..	*2	..	0	0
	2021	..	*7	..	*7	..	0	0
	2022	..	*8	..	*8	..	0	0
Antigua and Barbuda	2019	..	*50	..	48	..	*2	*20
	2020	..	*48	..	*46	..	*2	*19
	2021	..	*49	..	*47	..	*2	*18
	2022	..	*49	..	47	..	*2	*19
Argentina	2019	1,466	221	5	882	-11	811	18
	2020	520	25	2	377	-24	190	4
	2021	592	0	12	380	-3	204	4
	2022	1,163	11	24	736	5	409	9
Aruba	2019	..	*83	..	*83	..	0	0
	2020	..	*79	..	*79	..	0	0
	2021	..	*86	..	*86	..	0	0
	2022	..	*87	..	*87	..	0	0
Bahamas	2019	..	302	..	*273	..	30	75
	2020	..	268	..	*257	..	11	27
	2021	..	399	..	*379	..	20	51
	2022	..	299	..	*272	..	27	69
Barbados	2019	..	126	..	126	..	0	0
	2020	..	62	..	62	..	0	0
	2021	..	53	..	53	..	0	0
	2022	..	107	..	107	..	0	0
Belize	2019	..	*24	..	*20	..	*4	*10
	2020	..	*25	..	*21	..	*4	*10
	2021	..	*26	..	*22	..	*4	*11
	2022	..	27	..	23	..	4	11
Bolivia (Plur. State of)	2019	177	..	..	64	6	108	9
	2020	85	..	..	26	2	56	5
	2021	111	..	..	29	-5	87	7
	2022	150	..	..	52	-1	99	8
Bonaire, St Eustatius, Saba	2019	..	*3	..	*3	..	0	0
	2020	..	*2	..	*2	..	0	0
	2021	..	*2	..	*2	..	0	0
	2022	..	*3	..	*3	..	0	0

Table 21

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Brazil	2019	4,916	883	88	2,317	90	3,304	16
	2020	2,703	290	144	976	-31	1,904	9
	2021	3,260	295	0	1,047	57	2,452	12
	2022	3,876	1,023	..	1,704	150	3,045	14
Cayman Islands	2019	..	35	..	34	..	2	26
	2020	..	16	..	15	..	1	11
	2021	..	8	..	8	..	0	6
	2022	..	27	..	26	..	1	19
Chile	2019	880	472	..	721	10	619	32
	2020	491	213	..	386	-20	338	17
	2021	365	463	..	429	-2	401	21
	2022	528	463	..	652	40	299	15
Colombia	2019	1,144	66	..	1,326	..	-116	-2
	2020	876	35	..	590	..	320	6
	2021	1,174	17	..	847	..	343	7
	2022	2,689	371	1,300	1,601	..	159	3
Costa Rica	2019	..	248	..	224	6	19	4
	2020	..	119	..	97	6	16	3
	2021	..	181	..	172	-2	11	2
	2022	..	246	..	239	-12	20	4
Cuba	2019	83	369	*293	82	..	77	7
	2020	37	240	*80	122	..	75	7
	2021	37	177	*67	87	..	60	5
	2022	34	162	*120	18	..	58	5
Curaçao	2019	0	91	0	91	..	0	0
	2020	..	34	..	34	..	0	0
	2021	..	52	..	52	..	0	0
	2022	..	92	..	92	..	0	0
Dominica	2019	..	*1	..	*1	..	0	0
	2020	..	*1	..	*1	..	0	0
	2021	..	*1	..	*1	..	0	0
	2022	..	*1	..	*1	..	0	0
Dominican Republic	2019	193	331	..	506	4	14	1
	2020	83	148	..	207	-7	30	3
	2021	158	227	..	355	-1	31	3
	2022	193	359	..	500	4	49	4
Ecuador	2019	360	..	..	258	-10	112	6
	2020	192	..	..	131	5	56	3
	2021	277	..	..	180	0	96	5
	2022	370	..	..	218	2	151	8
El Salvador	2019	..	178	3	175	..	0	0
	2020	..	69	0	68	..	0	0
	2021	..	129	1	127	..	0	0
	2022	..	150	2	148	..	1	0
Falkland Is. (Malvinas)	2019	..	0	..	..	..	0	56
	2020	..	0	..	..	..	0	38
	2021	..	0	..	..	..	0	56
	2022	..	0	..	..	..	0	*57
Grenada	2019	..	9	..	9	..	0	0
	2020	..	8	..	8	..	0	0
	2021	..	9	..	9	..	0	0
	2022	..	10	..	10	..	0	0

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Guatemala	2019	..	105	4	101	..	0	0
	2020	..	53	*4	49	..	0	0
	2021	..	86	*4	82	..	0	0
	2022	..	110	*5	105	..	0	0
Guyana	2019	..	34	..	17	..	18	22
	2020	..	28	12	5	..	12	14
	2021	..	34	14	8	..	12	15
	2022	..	32	14	9	..	8	10
Haiti	2019	..	27	..	22	..	5	0
	2020	..	15	..	10	..	5	0
	2021	..	16	..	11	..	5	0
	2022	..	26	..	21	..	5	0
Honduras	2019	..	62	..	..	..	62	6
	2020	..	27	0	..	1	26	3
	2021	..	48	..	..	-1	49	5
	2022	..	64	0	..	0	64	6
Jamaica	2019	65	162	..	228	-5	4	1
	2020	41	39	..	75	0	4	2
	2021	33	79	..	105	4	4	1
	2022	31	190	..	190	6	25	9
Mexico	2019	1,234	2,649	..	3,962	-323	244	2
	2020	796	1,217	..	1,769	13	231	2
	2021	1,297	2,037	..	2,807	29	498	4
	2022	1,509	2,493	..	4,028	-21	-5	0
Nicaragua	2019	17	1	..	16	0	2	0
	2020	8	1	..	6	0	3	0
	2021	11	1	..	9	0	2	0
	2022	22	0	..	15	7	0	0
Panama	2019	..	831	..	597	-50	285	67
	2020	..	244	..	208	-31	67	16
	2021	..	510	..	329	-93	274	63
	2022	..	713	..	634	27	52	12
Paraguay	2019	..	74	..	71	0	4	1
	2020	..	28	..	25	0	3	0
	2021	..	37	..	34	..	3	1
	2022	..	48	..	45	..	3	0
Peru	2019	686	396	..	706	-7	382	12
	2020	210	163	..	257	-24	141	4
	2021	391	135	..	310	-13	229	7
	2022	431	369	..	458	27	316	9
Saint Barthélemy	2019	..	*5	..	*5	..	0	0
	2020	..	*5	..	*5	..	0	0
	2021	..	*5	..	*5	..	0	0
	2022	..	*5	..	*5	..	0	0
Saint Martin (French Part)	2019	..	*11	..	*11	..	0	0
	2020	..	*6	..	*6	..	0	0
	2021	..	*7	..	*7	..	0	0
	2022	..	*10	..	*10	..	0	0
Sint Maarten (Dutch part)	2019	..	*26	..	*26	..	0	0
	2020	..	*11	..	*11	..	0	0
	2021	..	*21	..	*21	..	0	0
	2022	..	*36	..	*36	..	0	0

Table 21

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
St. Lucia	2019	..	*30	..	*29	..	*2	*8
	2020	..	*26	..	*24	..	*2	*11
	2021	..	*27	..	*25	..	*2	*11
	2022	..	*28	..	*26	..	*2	*12
Suriname	2019	..	44	..	*39	..	5	7
	2020	..	37	..	*33	..	4	7
	2021	..	42	..	37	..	5	8
	2022	..	43	..	*38	..	5	8
Trinidad and Tobago	2019	..	358	101	170	-27	113	76
	2020	..	176	50	81	..	45	30
	2021	..	138	50	72	..	16	10
	2022	..	122	77	*65	..	-19	-13
Turks and Caicos Islands	2019	..	*25	..	*25	..	0	0
	2020	..	*24	..	*24	..	0	0
	2021	..	*25	..	*25	..	0	0
	2022	..	*25	..	*25	..	0	0
Uruguay	2019	100	1	..	97	-1	5	2
	2020	42	2	..	42	-4	5	1
	2021	45	3	..	42	1	4	1
	2022	84	2	..	74	7	5	1
Venezuela (Bolivar. Rep.)	2019	814	73	641	199	..	46	2
	2020	264	58	222	69	..	30	1
	2021	322	32	178	133	..	43	2
	2022	528	..	281	166	..	81	3
Northern America	2019	88,736	11,138	11,545	28,772	-47	59,605	159
2020	49,987	8,419	5,089	16,936	-80	36,461	97	
2021	63,935	8,661	5,962	20,973	-460	46,122	122	
2022	79,153	7,758	8,775	25,085	-54	53,106	140	
Bermuda	2019	..	*16	..	*16	..	0	0
	2020	..	*14	..	*14	..	0	0
	2021	..	*15	..	*15	..	0	0
	2022	..	*15	..	*15	..	0	0
Canada	2019	5,560	3,146	1,074	4,716	-15	2,931	78
	2020	2,617	1,095	430	2,046	-42	1,277	33
	2021	3,117	905	412	2,055	2	1,553	40
	2022	4,449	1,870	351	3,556	-31	2,444	63
Greenland	2019	..	19	..	..	..	19	334
	2020	..	6	..	..	*-5	11	191
	2021	..	12	..	..	..	12	211
	2022	..	20	..	..	..	20	361
United States	2019	83,176	7,958	10,470	24,040	-32	56,655	168
	2020	47,370	7,304	4,659	14,875	-34	35,173	104
	2021	60,818	7,730	5,550	18,903	-463	44,558	131
	2022	74,703	5,853	8,424	21,514	-23	50,642	148
Oceania	2019	4,606	5,097	67	6,236	184	3,216	74
	2020	3,030	4,157	128	4,309	-162	2,912	66
	2021	1,264	2,384	49	1,635	-50	2,014	45
	2022	692	3,924	25	2,402	-47	2,236	50
American Samoa	2019	..	*20	..	*17	..	*3	*60
	2020	..	*18	..	*15	..	*3	*60
	2021	..	*18	..	*15	..	*3	*61
	2022	..	18	..	*15	..	3	62

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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
Australia	2019	3,162	4,618	16	4,750	183	2,832	111
	2020	2,326	3,840	124	3,641	-181	2,582	100
	2021	668	2,123	1	1,189	-18	1,619	62
	2022	498	3,008	1	1,666	-60	1,899	72
Cook Islands	2019	..	*9	..	*8	..	*2	*119
	2020	..	*3	..	*2	..	*2	*102
	2021	..	*3	..	*1	..	*2	*121
	2022	..	*6	..	*5	..	*2	*129
Fiji	2019	..	154	28	117	*-8	17	19
	2020	..	58	5	46	..	8	9
	2021	..	39	4	21	..	13	14
	2022	..	94	7	81	..	6	6
French Polynesia	2019	..	21	..	..	5	16	58
	2020	..	11	..	..	0	11	38
	2021	..	16	..	..	2	14	50
	2022	..	15	..	..	0	15	54
Kiribati	2019	..	*1	..	*1	..	*1	*7
	2020	..	*1	..	*1	..	*1	*6
	2021	..	*1	..	*1	..	*1	*6
	2022	..	*1	..	*1	..	*1	*6
Marshall Islands	2019	..	*2	..	*2	..	0	0
	2020	..	*2	..	*2	..	0	0
	2021	..	*2	..	*2	..	0	0
	2022	..	*2	..	*2	..	0	0
Micronesia (Fed. States of)	2019	..	*8	..	*7	..	*1	*10
	2020	..	*8	..	*7	..	*1	*10
	2021	..	*8	..	*7	..	*1	*10
	2022	..	*8	..	*7	..	*1	*10
Nauru	2019	..	*4	..	*4	..	0	0
	2020	..	*3	..	*3	..	0	0
	2021	..	*4	..	*4	..	0	0
	2022	..	*4	..	*4	..	0	0
New Caledonia	2019	..	30	..	27	-3	5	19
	2020	..	18	..	12	0	5	17
	2021	..	13	..	10	-2	5	16
	2022	..	22	..	17	0	5	17
New Zealand	2019	1,330	200	..	1,222	6	302	60
	2020	638	115	..	497	18	237	47
	2021	531	78	44	304	-33	293	57
	2022	128	636	17	520	13	213	41
Niue	2019	..	*1	..	0	..	0	*15
	2020	..	*1	..	0	..	0	*14
	2021	..	*1	..	*1	..	0	*14
	2022	..	*1	..	*1	..	0	*15
Northern Mariana Islands	2019	..	*5	..	*3	..	*1	*26
	2020	..	*3	..	*2	..	*1	*13
	2021	..	*3	..	*3	..	*1	*14
	2022	..	*4	..	*3	..	*1	*27
Palau	2019	..	*7	..	*7	..	0	0
	2020	..	*6	..	*6	..	0	0
	2021	..	*6	..	*6	..	0	0
	2022	..	*6	..	*6	..	0	0

Table 21

Production, trade and supply of jet fuels

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Papua New Guinea	2019	113	0	23	*56	..	35	4
	2020	66	54	..	*60	..	60	6
	2021	66	54	..	*58	..	62	6
	2022	*66	*84	..	*61	..	*89	*9
Solomon Islands	2019	..	*5	..	*4	..	*1	*1
	2020	..	*4	..	*3	..	*1	*1
	2021	..	*4	..	*3	..	*1	*1
	2022	..	*4	..	*3	..	*1	*1
Tonga	2019	..	0	..	0	..	0	1
	2020	..	1	..	0	..	0	3
	2021	..	0	..	0	..	0	2
	2022	..	0	..	0	..	0	2
Vanuatu	2019	..	*11	..	*11	..	0	0
	2020	..	*10	..	*10	..	0	0
	2021	..	*10	..	*10	..	0	0
	2022	..	*11	..	*11	..	0	0
Wallis and Futuna Is.	2019	..	*1	..	1	..	0	0
	2020	..	*1	..	1	..	0	0
	2021	..	*1	..	1	..	0	0
	2022	..	*1	..	1	..	0	0