



Global Fuel Oil Balances

This report provides our global fuel oil balances broken out by region. The report includes our monthly forecasts and associated revisions.



Global fuel oil balance

Fig 1: Global fuel oil balances m/m revisions, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
North America	183	5	119	10	94	111	62	48
Demand	559	640	542	533	557	528	525	513
Supply	743	644	660	543	650	639	587	561
113					(17)	(5)	24	24
Demand					19	4	(23)	(23)
Supply					2	(1)	1	1
Latin America	100	81	54	24	74	35	49	78
Demand	517	525	539	556	533	551	525	507
Supply	618	606	593	580	608	587	574	585
	1	5	7	11	2	(44)	(16)	(19)
Demand	(3)	(0)	2	(1)	(4)	8	(5)	(4)
Supply	(2)	5	9	10	(3)	(37)	(22)	(24)
Europe	219	29	(13)	97	116	109	156	239
Demand	1,034	1,106	1,073	1,040	1,008	970	908	894
Supply	1,253	1,136	1,060	1,137	1,124	1,079	1,064	1,133
				(8)	2	(28)	28	24
Demand				3	(0)	1	(23)	(22)
Supply				(4)	2	(27)	5	2
FSU	833	828	860	915	823	852	918	894
Demand	309	271	240	295	319	254	245	272
Supply	1,142	1,099	1,100	1,210	1,143	1,106	1,163	1,166
	(5)	(6)	(5)	(5)	(13)	4	3	3
Demand					6	1	(7)	(7)
Supply	(5)	(6)	(5)	(5)	(7)	5	(4)	(4)
Middle East	536	356	396	426	487	229	275	338
Demand	1,277	1,419	1,392	1,358	1,190	1,421	1,507	1,415
Supply	1,812	1,776	1,788	1,784	1,677	1,650	1,783	1,753
Daniel	9	(9)	21	(12)	33	(110)	(26)	(24)
Demand	 9	15 6	(17) 4	12 0	(60)	14	20	19
Supply			4		(27)	(96)	(6)	(5)
Asia-Pacific	(1,610)	(1,511)	(1,436)	(1,532)	(1,352)	(1,345)	(1,188)	(1,227)
Demand	3,690	3,359	3,400	3,464	3,341	3,245	3,147	3,155
Supply	2,081	1,848	1,963	1,932	1,989	1,899	1,959	1,928
	(1)	1	(1)	11	91	14	82	121
Demand	(0)	(2)	0	0	(97)	(24)	(86)	(108)
Supply	(1)	(1)	(1)	12	(6)	(10)	(4)	13
Africa	34	49	(62)	53	82	55	(71)	(67)
Demand	272	279	405	295	287	312	389	348
Supply	306	328	343	349	370	367	318	281
Damand	10	11	(7)	7	(3)	(21)	(30)	(20)
Demand	(13)	(17)	(14)	(13)	(34)	(9)	49	17
Supply	(3)	(6)	(21)	(7)	(37)	(30)	19	(3)
Global	297	(163)	(82)	(6)	324	45	201	303
Demand	7,658	7,600	7,590	7,541	7,236	7,282	7,247	7,103
Supply	7,955	7,437	7,508	7,535	7,560	7,327	7,448	7,406
	14	3	15	5	94	(190)	64	108
Demand	(16)	(4)	(29)	1	(170)	(5)	(75)	(128)
Supply	(2)	(2)	(14)	6	(75)	(196)	(11)	(20)

Source: JODI, EIA, BREE, China Customs, PPAC, METI, KNOC, CDU-TEK, Kazmunaigas, Pemex, ANP, Energy Aspects

Refinery runs, margins and TARs

Fig 2: Global crude runs, mb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
North America	18.1	19.0	19.3	19.1	18.3	18.8	19.0	18.3
USA	15.4	16.5	16.5	16.5	15.6	16.3	16.3	15.8
Latin America	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
Brazil	2.0	1.9	2.0	2.0	1.9	1.9	1.9	2.0
Europe	11.9	11.6	11.9	11.8	11.7	11.4	11.9	11.5
EU-5	6.2	6.1	6.1	6.2	6.1	6.0	6.2	5.9
FSU	6.3	6.1	6.3	6.2	6.2	6.3	6.4	6.3
Russia	5.3	5.3	5.4	5.3	5.3	5.3	5.4	5.4
Middle East	9.5	9.5	9.7	9.7	9.2	9.7	9.9	9.7
Saudi Arabia	2.7	2.8	2.8	2.7	2.6	2.8	2.8	2.7
Asia	31.4	30.7	30.3	31.0	31.9	30.8	31.2	31.4
China	15.2	14.8	14.8	14.9	15.5	15.1	15.3	15.3
India	5.4	5.4	5.2	5.3	5.6	5.4	5.3	5.4
Japan	2.5	2.3	2.2	2.5	2.4	2.3	2.4	2.5
Africa	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.1
Global Runs	82.7	82.5	83.2	83.5	83.1	82.8	84.3	83.3

Source: EIA, State Statistics Agency Kazakhstan, ANP, CDU-TEK, Mexican Energy Ministry, PPAC, JODI, METI, KNOC, OAPEC Energy Aspects

If your subscription includes access to our data service, please click here for the updated global refinery runs Excel data.

Fig 3: Refining margins, \$/bbl

		202	4		2025			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
North West Europe								
Diesel-oriented	10.18	6.09	4.04	4.62	4.66	6.36	6.71	5.05
Gasoline-oriented	9.98	7.31	4.47	4.73	4.70	6.85	7.02	4.68
Mediterranean								
Diesel-oriented	10.52	6.31	4.68	5.82	5.32	5.54	5.54	4.16
Gasoline-oriented	10.82	7.60	5.36	6.31	5.76	6.21	6.09	4.09
Singapore								
Diesel-oriented	6.19	0.67	1.14	2.67	1.06	2.89	2.70	3.08
Gasoline-oriented	5.99	0.87	1.16	2.49	1.01	3.02	2.76	2.96
US Gulf Coast								
Diesel-oriented	11.98	6.31	6.04	4.64	6.29	6.88	6.92	5.17
Gasoline-oriented	9.98	5.48	5.32	3.58	4.94	6.35	6.23	4.00
US Midwest								
Diesel-oriented	15.36	9.64	11.13	6.74	7.46	9.42	9.03	6.29
Gasoline-oriented	13.87	9.79	11.02	5.71	6.94	9.57	8.90	5.49

Source: LSEG, Argus Media Group, Energy Aspects

Fig 4: Refinery turnarounds, mb/d

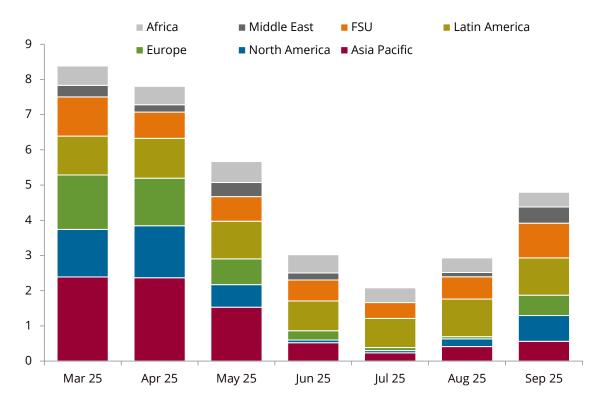


Fig 5: Refinery turnarounds, kb/d

	Mar 25	Apr 25	May 25	Jun 25	Jul 25	Aug 25	Sep 25
Asia Pacific	2,390	2,367	1,532	523	233	409	560
North America	1,352	1,478	641	76	63	220	735
Europe	1,546	1,351	731	262	87	65	576
Latin America	1,103	1,131	1,067	848	829	1,069	1,060
FSU	1,113	743	700	597	452	629	989
Middle East	326	213	400	200		124	458
Africa	554	521	595	516	419	416	416
Total	8,385	7,805	5,666	3,021	2,082	2,932	4,793

 $Historical\ data\ includes\ both\ planned\ and\ unplanned\ outages, forecasts\ include\ only\ planned\ works.$

Source: Company reports, Energy Aspects

If your subscription includes access to our data service, please click here for the updated global refinery maintenance Excel data

Regional fuel oil balances

Asia-Pacific fuel oil balance

Fig 6: Asia-Pacific fuel oil balance, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
China	(583)	(542)	(456)	(526)	(389)	(325)	(270)	(329)
Demand	1,481	1,301	1,252	1,273	1,195	1,113	1,034	1,060
Supply	898	759	796	747	807	788	764	731
	(0)	(0)	0	0	<i>79</i>	54	87	96
Demand	(0)	(0)	(0)	(0)	(93)	(54)	(87)	(96)
Supply	(0)	(0)	0	(0)	(14)			
Japan	57	38	58	65	55	61	71	82
Demand	214	161	167	188	195	170	177	172
Supply	270	199	225	254	250	231	249	254
				6	(5)	(13)	(16)	3
Demand				(6)	6	9	12	(3)
Supply					1	(4)	(4)	-
Singapore	(803)	(766)	(783)	(785)	(729)	(808)	(802)	(780)
Demand	904	866	873	905	852	904	898	893
Supply	101	100	90	120	123	96	96	113
				4	33	(15)	(4)	(0)
Demand					(28)	14	4	4
Supply				4	5	(1)		4
Korea	(91)	(84)	(125)	(92)	(134)	(125)	(99)	(94)
Demand	342	309	382	357	391	351	356	355
Supply	252	225	257	265	256	226	258	261
					(17)	(3)	5	2
Demand	-				14	2	(5)	(2)
Supply					(3)	(0)		
ex-China	(1,027)	(969)	(980)	(1,005)	(964)	(1,020)	(918)	(898)
Demand	2,209	2,057	2,148	2,191	2,146	2,131	2,113	2,095
Supply	1,182	1,089	1,167	1,186	1,182	1,111	1,195	1,197
	(0)	1	(1)	11	11	(40)	(5)	25
Demand	(0)	(2)	0	0	(3)	30	0	(12)
Supply	(0)	(1)	(1)	12	8	(10)	(4)	13
Total	(1,610)	(1,511)	(1,436)	(1,532)	(1,352)	(1,345)	(1,188)	(1,227)
Demand	3,690	3,359	3,400	3,464	3,341	3,245	3,147	3,155
Supply	2,081	1,848	1,963	1,932	1,989	1,899	1,959	1,928
	(1)	1	(1)	11	91	14	82	121
Demand	(0)	(2)	0	0	(97)	(24)	(86)	(108)
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NB: Figures in red and green beneath the balances show the changes from the previous month's report. Source: PPAC, BREE, China Customs, METI, KNOC, JODI, EIA, Energy Aspects

Middle East fuel oil balance

Fig 7: Middle East fuel oil balance, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
Saudi Arabia	17	(119)	(105)	(94)	29	(224)	(158)	(105)
Demand	430	554	546	541	391	579	595	558
Supply	447	435	441	447	420	355	438	453
					52	(93)	(13)	(13)
Demand					(52)	13	13	13
Supply					0	(80)		
Kuwait	165	151	111	154	157	124	106	129
Demand	103	140	163	105	83	135	166	121
Supply	268	290	275	259	240	260	272	250
					14	(14)	(20)	(19)
Demand					(25)	2	12	12
Supply					(12)	(12)	(8)	(7)
Total Middle East	536	356	396	426	487	229	275	338
Demand	1,277	1,419	1,392	1,358	1,190	1,421	1,507	1,415
Supply	1,812	1,776	1,788	1,784	1,677	1,650	1,783	1,753
	9	(9)	21	(12)	33	(110)	(26)	(24)
Demand		15	(17)	12	(60)	14	20	19
Supply	9	6	4	0	(27)	(96)	(6)	(5)

NB: Figures in red and green beneath the balances show the changes from the previous month's report.

Source: JODI, EIA, OAPEC, Energy Aspects

Atlantic basin fuel oil balance

Fig 8: FSU fuel oil balance, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
Russia	755	760	786	827	745	770	834	813
Demand	257	217	191	244	264	203	197	222
Supply	1,011	976	976	1,071	1,008	974	1,031	1,035
					(10)	9	6	6
Demand					8	0	(6)	(6)
Supply					(2)	9	(0)	-
Total	833	828	860	915	823	852	918	894
Demand	309	271	240	295	319	254	245	272
Supply	1,142	1,099	1,100	1,210	1,143	1,106	1,163	1,166
	(5)	(6)	(5)	(5)	(13)	4	3	3
Demand					6	1	(7)	(7)
Supply	(5)	(6)	(5)	(5)	(7)	5	(4)	(4)

 $NB: Figures \ in \ red \ and \ green \ beneath \ the \ balances \ show \ the \ changes \ from \ the \ previous \ month's \ report.$

Source: CDU-TEK, Kazmunaigas, JODI, EIA, Energy Aspects

Fig 9: Africa fuel oil balance, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
Total Africa	34	49	(62)	53	82	55	(71)	(67)
Demand	272	279	405	295	287	312	389	348
Supply	306	328	343	349	370	367	318	281
	10	11	(7)	7	(3)	(21)	(30)	(20)
Demand	(13)	(17)	(14)	(13)	(34)	(9)	49	17
Supply	(3)	(6)	(21)	(7)	(37)	(30)	19	(3)

Fig 10: Europe fuel oil balance by grade, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
Netherlands	29	(97)	(82)	(25)	4	(55)	(52)	(22)
Demand	254	252	241	225	209	243	236	226
HSFO	142	130	132	117	107	125	121	116
Inland	103	97	94	83	82	94	91	87
Bunkers	39	33	37	34	26	31	30	29
LSFO	112	122	109	109	102	118	115	110
Inland	23	39	21	24	28	32	31	30
Bunkers	89	83	88	85	74	86	84	80
Supply	284	154	158	200	213	188	184	204
Ref. Supply	195	143	156	135	180	158	149	166
HSFO	27	30	39	24	37	32	30	34
LSFO	169	113	116	111	143	126	119	132
Blending	88	11	3	65	34	30	35	37
HSFO								
LSFO	88	11	3	65	34	30	35	37
Belgium	(73)	(87)	(71)	(82)	(95)	(74)	(55)	(43)
Demand	103	110	109 [°]	117	122	102	88	84
HSFO	20	22	22	24	27	23	19	19
Inland	0	1	1	1	1	1	1	1
Bunkers	19	21	21	23	26	22	19	18
LSFO	83	89	87	93	95	80	68	66
Inland	0	1	1	1	1	1	1	1
Bunkers	83	88	87	93	94	79	68	65
Supply	30	24	38	35	27	28	32	41
HSFO	9	8		4	3	3	4	5
LSFO	21	16	38	30	24	25	29	36
Italy	60	44	33	59	<i>7</i> 5	87	94	95
Demand	56	65	65	53	49	46	41	39
HSFO	26	30	28	23	19	18	17	16
Inland	4	7	2	2	3	3	3	3
Bunkers	22	23	26	21	16	15	14	13
LSFO	30	35	37	30	29	28	25	24
Inland	12	12	13	12	13	17	16	15
Bunkers	19	23	24	19	16	11	9	8
Supply	116	109	99	113	123	133	135	134
HSFO	73	61	68	59	55	76	77	76
LSFO	42	48	30	53	69	57	58	58
Total	223	31	(13)	96	117	98	139	225
Demand	1,027	1,101	1,068	1,038	1,004	977	920	904
HSFO	519	573	554	525	422	435	422	418
Inland	139	161	150	120	126	133	124	120
Bunkers	380	412	404	405	296	303	298	298
LSFO	531	572	579	599	614	541	498	486
Inland	176	187	178	181	191	187	181	179
Bunkers	355	385	401	417	423	355	318	307
Supply	1,250	1,131	1,055	1,134	1,120	1,075	1,060	1,129
	551	563	516	474	503	520	522	545
HSFO	699	568	540	660	617	555	538	584
LSFO	099	300	340	000	017	333	330	304

Source: JODI, EIA, Energy Aspects

Americas fuel oil balance

Fig 11:Americas fuel oil balance, kb/d

	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
United States	(108)	(235)	(145)	(166)	(146)	(139)	(131)	(139)
Demand	482	542	437	456	477	438	435	437
Supply	374	307	292	291	331	299	304	297
					(25)	1	26	26
Demand					24	2	(25)	(25)
Supply				-	(1)	3	1	1
Mexico	275	215	242	150	234	223	169	154
Demand	45	69	80	42	39	64	68	53
Supply	320	284	323	192	273	288	237	206
					16	0		
Demand					(8)			
Supply					9	0		
Total North America	183	5	119	10	94	111	62	48
Demand	559	640	542	533	557	528	525	513
Supply	743	644	660	543	650	639	587	561
					<i>(17)</i>	(5)	24	24
Demand					19	4	(23)	(23)
Supply					2	(1)	1	1
Brazil	246	229	226	205	234	227	208	235
Demand	72	59	56	87	74	70	64	60
Supply	318	288	283	292	307	296	272	295
					(7)	(12)	2	2
Demand					5	3	(4)	(4)
Supply					(2)	(9)	(2)	(3)
Venezuela	15	25	(2)	4	31	7	19	22
Demand	44	44	68	57	37	64	56	55
Supply	58	68	66	61	68	70	75	77
					14	0	2	2
Demand					(11)	(0)	(2)	(2)
Supply					3			
Total Latin America	100	81	54	24	74	35	49	78
Demand	517	525	539	556	533	551	525	507
Supply	618	606	593	580	608	587	574	585
	1	5	7	11	2	(44)	(16)	(19)
Demand	(3)	(0)	2	(1)	(4)	8	(5)	(4)
Supply	(2)	5	9	10	(3)	(37)	(22)	(24)

NB: Figures in red and green beneath the balances show the changes from the previous month's report. Source: EIA, JODI, PEMEX, ANP, MINIPLAN, Energy Aspects

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analysts@energy aspects.com