June 2024 IEF Comparative Analysis

Of Monthly Oil Market Reports









Oil Market Context

Key points

Demand

Short-term global oil demand forecasts continue to diverge reflecting growing uncertainty. OPEC projects 2.2 mb/d oil demand growth this year. The IEA and EIA, in contrast, predict 1 mb/d and 1.1 mb/d demand growth for 2024, respectively. The demand growth forecasts of the three organizations for 2025 range from 1.0 mb/d to 1.8 mb/d.

Supply

Non-DoC oil supply growth is forecasted to slow slightly from ~2.7 mb/d in 2023 to around 1.4-1.7 mb/d in 2024. The range between the three organizations supply forecasts is 0.4 mb/d in 2025. OPEC predicts non-DoC oil supply will grow by 1.4 mb/d in 2024 and 1.1 mb/d in 2025 driven by the US, Brazil, Canada, and Norway in both years. The EIA has kept their forecasts for non-OPEC supply growth at 2.4 mb/d in 2023 and 1 mb/d this year, accelerating to 1.7 mb/d in 2025, while the IEA revised up its non-OPEC supply forecasts for 2023, 2024 and 2025 by 0.1 mb/d.

Policy

The 37th OPEC and non-OPEC Ministerial Meeting took place on Sunday, June 2nd. Seeking to maintain oil market stability, the OPEC+ group agreed to extend the additional voluntary 2.2 mb/d cut until the end of September and then incrementally phase out this cut every month, subject to market conditions, from October 2024 until September 2025. Other collective official cuts and voluntary measures by individual members, amounting to 3.66 mb/d, were extended until the end of 2025. Total cuts still amount to 5.86 mb/d, currently.

Market responses appear to anticipate a gradual increase in supply from October. However, a multitude of mixed signals given by diverging global demand growth forecasts, macroeconomic indicators and interest rate policies cast uncertainty on how market conditions will evolve.

Risks

Supply chain disruptions, caused by conflict, geopolitical tensions, major accidents or maintenance have elevated energy security risks. A shutdown of a Norwegian gas pipeline to the EU, lead Northwest European gas prices to spike. Maintenance at a gas field in the East Mediterranean aggravated gas market shortages in the region.



Summary of 2023-2025 Balances

- The divergence in global demand forecasts is shrinking marginally compared to previous months across IEA, EIA and OPEC assessments, with a range of approximately 1.2 mb/d projected for 2024, and a range of 0.8 mb/d expected for 2025.
- IEA and EIA have kept their forecasts for non-OPEC supply at ~2.4 mb/d in 2023 to 1 mb/d this year, accelerating to 1.7 mb/d in 2025.
- IEA and EIA see the Call on DoC falling in 2024 by 0.5-0.6 mb/d, while OPEC continues to see a significant increase of 0.9 mb/d y/y.

		2023-2025 Balance Summary														
lowes	st forecast	2	023	2024						2025						
highes	t forecast	2023	2023 Y/Y	1Q24	2Q24	3Q24	4Q24	2024	2024 Y/Y	1Q25	2Q25	3Q25	4Q25	2025	2025 Y/Y	
	IEA	102.2	2.1	101.5	103.0	104.2	104.1	103.2	1.0	102.6	103.9	105.3	105.1	104.2	1.0	
Global Demand	OPEC	102.2	2.6	103.5	103.8	104.9	105.6	104.5	2.2	105.3	105.5	107.0	107.4	106.3	1.8	
	EIA	101.9	2.0	102.2	102.5	103.6	103.7	103.0	1.1	104.0	104.1	104.9	105.0	104.5	1.5	
	IEA	45.7	0.1	44.8	45.4	45.8	45.9	45.5	-0.2	44.8	45.0	45.8	45.7	45.3	-0.1	
OECD Demand	OPEC	45.7	0.1	45.4	45.9	46.4	46.3	46.0	0.2	45.5	46.0	46.5	46.4	46.1	0.1	
	EIA	45.7	0.1	45.3	45.0	46.2	46.4	45.7	0.0	45.8	45.4	46.3	46.5	46.0	0.3	
	IEA	56.6	2.1	56.7	57.6	58.4	58.2	57.7	1.1	57.8	58.9	59.5	59.4	58.9	1.2	
Non-OECD Demand	OPEC	56.5	2.5	58.1	57.9	58.5	59.3	58.5	2.0	59.8	59.5	60.4	61.0	60.2	1.7	
	EIA	56.2	1.9	56.8	57.5	57.3	57.3	57.2	1.1	58.1	58.7	58.6	58.6	58.5	1.3	
Non-OPEC Supply* and	IEA	74.8	2.5	75.0	75.3	76.3	76.6	75.8	1.0	76.4	77.3	77.9	78.5	77.5	1.7	
OPEC NGLs	EIA	74.9	2.4	75.2	75.5	76.3	76.5	75.9	1.0	76.4	77.4	78.0	78.4	77.6	1.7	
Non-DoC Supply* and DoC	IEA	59.8	2.7	60.3	60.9	61.9	62.2	61.3	1.5	61.8	62.6	63.2	63.7	62.8	1.5	
NGLs	OPEC	59.9	2.7	60.9	61.1	61.3	61.7	61.3	1.4	62.3	62.1	62.2	62.9	62.4	1.1	
11023	EIA	60.0	2.6	60.6	61.3	62.2	62.4	61.6	1.7	62.1	62.9	63.5	63.7	63.0	1.4	
Call on OPEC	IEA	27.5	-0.4	26.5	27.7	28.0	27.5	27.4	-0.1	26.2	26.6	27.4	26.6	26.7	-0.7	
Call Oil OFEC	EIA	27.0	-0.5	26.9	27.0	27.3	27.2	27.1	0.1	27.6	26.7	26.9	26.6	26.9	-0.2	
	IEA	42.4	-0.6	41.2	42.1	42.3	41.9	41.9	-0.5	40.8	41.3	42.1	41.4	41.4	-0.5	
Call on DoC Crude	OPEC	42.3	-0.1	42.6	42.7	43.6	43.9	43.2	0.9	43.0	43.5	44.8	44.4	43.9	0.7	
	EIA	41.9	-0.6	41.6	41.2	41.3	41.3	41.3	-0.6	41.9	41.2	41.4	41.3	41.5	0.1	
Global Stock Change and	IEA	0.0		0.4												
Miscellaneous to	OPEC	-0.3		-1.3												
Balance**	EIA	-0.1		-0.3	-0.3	-0.6	-0.5	-0.4		-0.7	0.4	0.5	0.6	0.2		

Source: IEF, IEA OMR, OPEC MOMR, EIA STEO* Includes biofuels and processing gains



^{**} Only EIA publishes a forecast for global stock changes

Summary of 2023-2025 Balances

- OPEC released their forecasts with almost no change in global demand assessments, in comparison to last month's estimates. EIA revised up their forecasts for the second half of this year and next year while IEA revised their forecasts down by 0.1 mb/d in 2024 y/y and 0.2 mb/d in 2025.
- The EIA revised to its Q3 and Q4 2024 global demand forecast up by 0.2 mb/d and revised up the full year 2024 by 0.1 mb/d. The 2025 demand growth forecast shows also an upward revision of 0.3 mb/d.

		Month-on-Month Revisions: 2023-2025 Balance Summary													
		2	023	2024								20	25		
		2023	2023 Y/Y	1Q24	2Q24	3Q24	4Q24	2024	2024 Y/Y	1Q25	2Q25	3Q25	4Q25	2025	2025 Y/Y
	IEA	0.1	-0.2	-0.2	0.0	0.2	0.2	0.0	-0.1	-0.1	-0.3	0.0	0.0	-0.1	-0.2
Global Demand	OPEC	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	EIA	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.3	0.3	0.3	0.1
	IEA	-0.1	0.0	-0.3	-0.1	0.0	-0.1	-0.1	0.0	-0.2	-0.3	-0.2	-0.2	-0.2	-0.1
OECD Demand	OPEC	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
	EIA	0.0	0.0	0.0	-0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1
Non-OECD Demand	IEA	0.2	-0.2	0.1	0.1	0.2	0.2	0.2	-0.1	0.1	0.1	0.2	0.2	0.1	0.0
	OPEC	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	EIA	0.0	0.0	0.1	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.0
Non-OPEC Supply* and	IEA	0.1	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0
OPEC NGLs	EIA	0.0	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	-0.2	0.1	0.1	0.2	0.0	0.0
New Dec Comment and Dec	IEA	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0
Non-DoC Supply* and DoC NGLs	OPEC	0.0	0.0	0.1	0.1	0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NGLS	EIA	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.0
Call on OPEC	IEA	0.1	-0.1	-0.3	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.3	-0.1	-0.1	-0.2	-0.2
Call on OPEC	EIA	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.1	0.4	0.1	0.2	0.1	0.2	0.1
	IEA	0.0	-0.3	-0.4	0.0	0.1	0.1	-0.1	-0.1	-0.2	-0.3	-0.1	-0.1	-0.2	-0.2
Call on DoC Crude	OPEC	0.0	0.0	-0.1	-0.1	-0.1	0.3	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0
	EIA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.1	0.2	0.1	0.2	0.1
Global Stock Change and	IEA	-0.1		0.4						0.4					
Miscellaneous to	OPEC	0.0		0.2						0.2					
Balance**	EIA	0.0		0.0	0.1	-0.7	-0.7	-0.3		0.0	-0.1	-0.1	0.1	-0.2	

Source: IEF, IEA OMR, OPEC MOMR, EIA STEO* Includes biofuels and processing gains



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2024 Outlook Comparison



Summary of 2024 Balances and Revisions

- OPEC's 2024 global demand growth forecast remains largely unchanged this month and is still more than two times higher than that of the IEA and EIA, largely due to a stronger non-OECD demand outlook.
- OPEC revised downward their Non-DoC supply by 0.3 mb/d the 4Q 2024, while EIA and IEA revised upward by 0.1 mb/d.

		2024 Balance Summary													
		Updated Forecast						Revisions to Last Month's Forecast							
		1Q24	2Q24	3Q24	4Q24	2024	2024 Y/Y	1Q24	2Q24	3Q24	4Q24	2024	2024 Y/Y		
	IEA	101.5	103.0	104.2	104.1	103.2	1.0	-0.2	0.0	0.2	0.2	0.0	-0.1		
Global Demand	OPEC	103.5	103.8	104.9	105.6	104.5	2.2	-0.1	0.0	0.0	0.0	0.0	0.0		
	EIA	102.2	102.5	103.6	103.7	103.0	1.1	0.1	0.1	0.2	0.2	0.1	0.2		
	IEA	44.8	45.4	45.8	45.9	45.5	-0.2	-0.3	-0.1	0.0	-0.1	-0.1	0.0		
OECD Demand	OPEC	45.4	45.9	46.4	46.3	46.0	0.2	-0.1	0.0	0.0	0.0	0.0	0.0		
	EIA	45.3	45.0	46.2	46.4	45.7	0.0	0.0	-0.2	0.1	0.1	0.0	0.0		
	IEA	56.7	57.6	58.4	58.2	57.7	1.1	0.1	0.1	0.2	0.2	0.2	-0.1		
Non-OECD Demand	OPEC	58.1	57.9	58.5	59.3	58.5	2.0	0.1	0.0	0.0	0.0	0.0	0.0		
	EIA	56.8	57.5	57.3	57.3	57.2	1.1	0.1	0.3	0.2	0.1	0.2	0.2		
Non-OPEC Supply* and	IEA	75.0	75.3	76.3	76.6	75.8	1.0	0.2	0.0	0.0	0.1	0.1	0.0		
OPEC NGLs	EIA	75.2	75.5	76.3	76.5	75.9	1.0	0.1	0.1	0.0	-0.1	0.0	0.0		
Nam Back Committee of Back	IEA	60.3	60.9	61.9	62.2	61.3	1.5	0.2	0.0	0.1	0.1	0.1	0.0		
Non-DoC Supply* and DoC NGLs	OPEC	60.9	61.1	61.3	61.7	61.3	1.4	0.1	0.1	0.1	-0.3	0.0	0.0		
NOLS	EIA	60.6	61.3	62.2	62.4	61.6	1.7	0.0	0.1	0.2	0.1	0.1	0.1		
Call on OPEC Crude	IEA	26.5	27.7	28.0	27.5	27.4	-0.1	-0.3	0.1	0.1	0.1	0.0	-0.1		
Call Off OFEC Crude	EIA	26.9	27.0	27.3	27.2	27.1	0.1	0.0	0.0	0.2	0.4	0.1	0.1		
	IEA	41.2	42.1	42.3	41.9	41.9	-0.5	-0.4	0.0	0.1	0.1	-0.1	-0.1		
Call on DoC Crude	OPEC	42.6	42.7	43.6	43.9	43.2	0.9	-0.1	-0.1	-0.1	0.3	0.0	0.0		
	EIA	41.6	41.2	41.3	41.3	41.3	-0.6	0.0	0.0	0.0	0.1	0.0	0.0		
Clobal Stock Change and	IEA	0.4						0.4							
Global Stock Change and Misc to Balance**	OPEC	-1.3						0.2							
miss to Balarice	EIA	-0.3	-0.3	-0.6	-0.5	-0.4		0.0	0.1	-0.7	-0.7	-0.3			

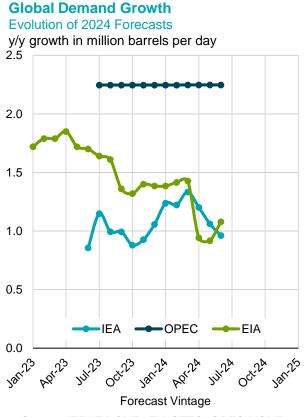
Source: IEF, IEA OMR, OPEC MOMR, EIA STEO* Includes biofuels and processing gains

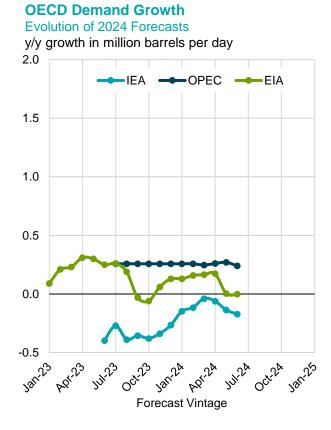


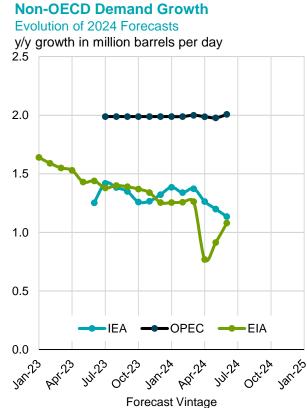
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Evolution of 2024 Annual Demand Growth Forecasts

- While OPEC has left its demand growth assessments unaltered, the EIA's 2024 global demand growth forecast shows a modest upward revision, based on a relatively stable position for OECD demand and a more significant upward revision to non-OECD demand.
- IEA lowered its global demand growth for a third consecutive month.



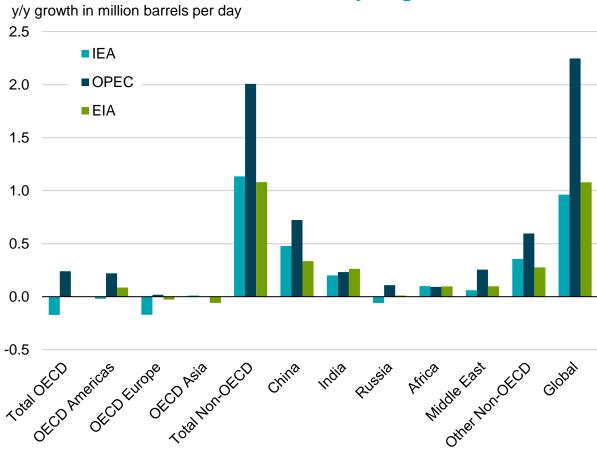




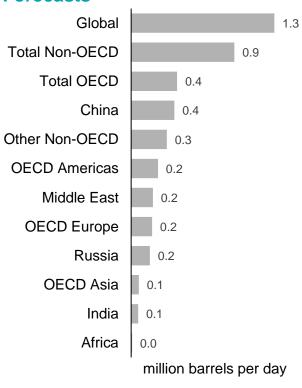


OPEC forecasts total global demand growth to be ~1.3 mb/d stronger than the IEA's forecast in 2024





Range in 2024 Demand Growth Forecasts





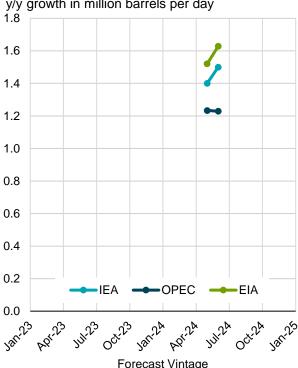
Evolution of 2024 Annual Non-OPEC Supply Growth Forecasts

- The EIA's year-on-year growth in non-OPEC supply has been revised higher for a third consecutive month, yet it remains below IEA's.
- EIA sees the strongest 2024 non-DoC growth at more than 1.6 mb/d.
- The IEA's forecast for US supply growth is still approximately 1.5 times those projected by OPEC and up to 150,000 b/d higher than those projected by EIA.

Non-OPEC Supply Growth Evolution of 2024 Forecasts y/y growth in million barrels per day 1.8 1.6 1.4 1.2 1.0 0.8 0.6 0.4 0.2 -IEA ----OPEC ----EIA 0.0 Forecast Vintage

Source: IEF, IEA OMR, EIA STEO, OPEC MOMR

Non-DoC Supply Growth
Evolution of 2024 Forecasts
y/y growth in million barrels per day
1.8



US Supply Growth

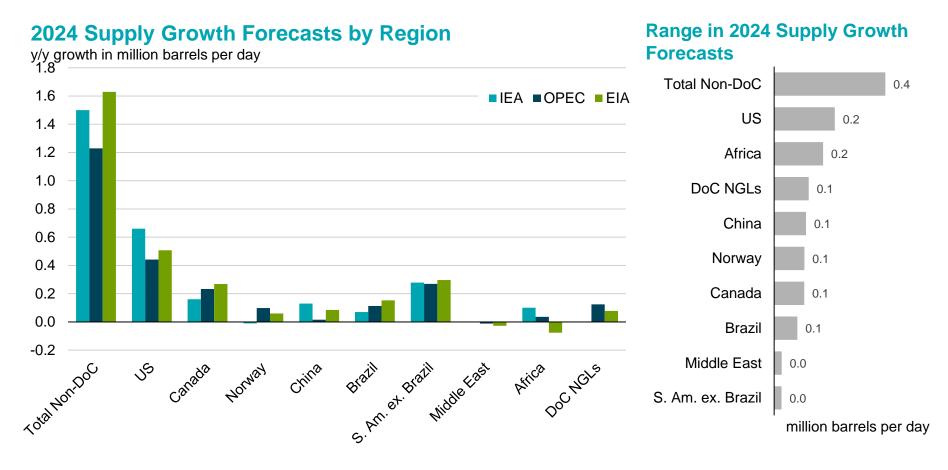
Evolution of 2024 Forecasts y/y growth in million barrels per day



*Beginning in May 2024, OPEC stopped publishing supply forecasts for non-OPEC members of the Declaration of Cooperation (DoC or commonly known as OPEC+)



EIA projects higher total Non-DoC supply growth compared to the IEA and OPEC, based on higher supply forecast for Brazil, Canada, and other South American countries

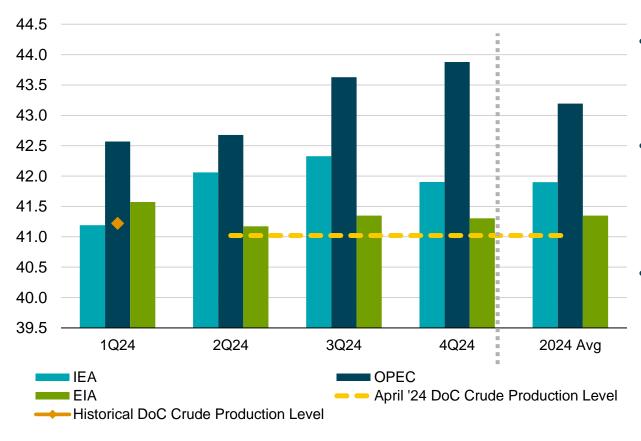




The divergence between OPEC's 'call on DoC' forecast and those of the IEA and EIA ranges from 1.3 to approximately 2 mb/d

2024 Call on DoC Crude and Recent DoC Production Levels

million barrels per day



- The "call on DoC crude" is a calculation and not a forecast of actual production.
- The "call on DoC crude" estimates what OPEC+ would need to produce to balance global supply and demand.
- It is estimated by subtracting a forecast for non-DoC production and DoC NGLs from global demand.



2025 Outlook Comparison



Summary of 2025 Balances and Revisions

- The divergence in global oil demand forecasts among major agencies remains striking. OPEC's estimate for global demand levels is still approximately 2 million mb/d higher compared to the IEA and EIA projections.
- The EIA has made an upward revision to global demand with an increase of 0.3 mb/d m/m.

		2025 Balance Summary												
		Updated Forecast						Revisions to Last Month's Forecast						
		1Q25	2Q25	3Q25	4Q25	2025	2025 Y/Y	1Q25	2Q25	3Q25	4Q25	2025	2025 Y/Y	
	IEA	102.6	103.9	105.3	105.1	104.2	1.0	-0.1	-0.3	0.0	0.0	-0.1	-0.2	
Global Demand	OPEC	105.3	105.5	107.0	107.4	106.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	
	EIA	104.0	104.1	104.9	105.0	104.5	1.5	0.3	0.2	0.3	0.3	0.3	0.1	
	IEA	44.8	45.0	45.8	45.7	45.3	-0.1	-0.2	-0.3	-0.2	-0.2	-0.2	-0.1	
OECD Demand	OPEC	45.5	46.0	46.5	46.4	46.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	
	EIA	45.8	45.4	46.3	46.5	46.0	0.3	0.1	0.0	0.1	0.2	0.1	0.1	
Non-OECD Demand	IEA	57.8	58.9	59.5	59.4	58.9	1.2	0.1	0.1	0.2	0.2	0.1	0.0	
	OPEC	59.8	59.5	60.4	61.0	60.2	1.7	0.1	0.0	0.0	0.0	0.0	0.0	
	EIA	58.1	58.7	58.6	58.6	58.5	1.3	0.1	0.2	0.2	0.2	0.2	0.0	
Non-OPEC Supply* and	IEA	76.4	77.3	77.9	78.5	77.5	1.7	0.1	0.0	0.0	0.1	0.1	0.0	
OPEC NGLs	EIA	76.4	77.4	78.0	78.4	77.6	1.7	-0.2	0.1	0.1	0.2	0.0	0.0	
Non DoC Complet and DoC	IEA	61.8	62.6	63.2	63.7	62.8	1.5	0.1	0.1	0.1	0.1	0.1	0.0	
Non-DoC Supply* and DoC NGLs	OPEC	62.3	62.1	62.2	62.9	62.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
NOES	EIA	62.1	62.9	63.5	63.7	63.0	1.4	0.0	0.1	0.1	0.2	0.1	0.0	
Call on OPEC	IEA	26.2	26.6	27.4	26.6	26.7	-0.7	-0.2	-0.3	-0.1	-0.1	-0.2	-0.2	
Call Off CF EC	EIA	27.6	26.7	26.9	26.6	26.9	-0.2	0.4	0.1	0.2	0.1	0.2	0.1	
Call on DoC Crude	IEA	40.8	41.3	42.1	41.4	41.4	-0.5	-0.2	-0.3	-0.1	-0.1	-0.2	-0.2	
	OPEC	43.0	43.5	44.8	44.4	43.9	0.7	-0.1	0.0	0.0	-0.1	0.0	0.0	
	EIA	41.9	41.2	41.4	41.3	41.5	0.1	0.3	0.1	0.2	0.1	0.2	0.1	
Global Stock Change and Misc. to Balance**	EIA	-0.7	0.4	0.5	0.6	0.2		-0.6	-0.1	-0.1	0.1	-0.2		

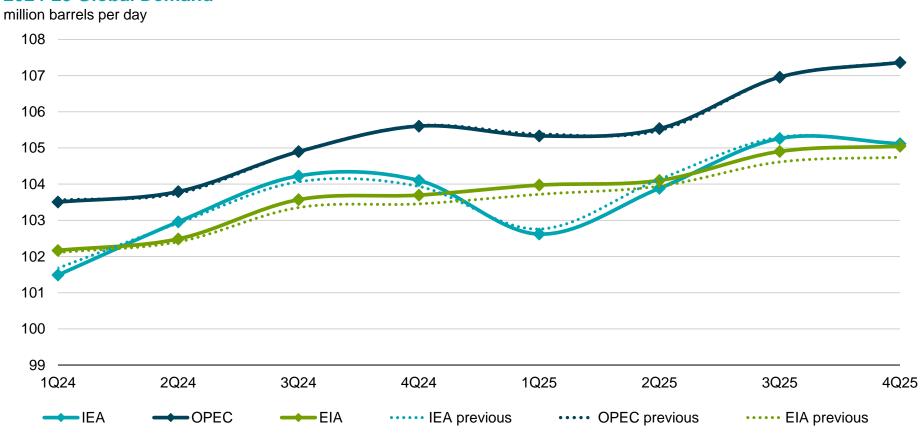
Source: IEF, IEA OMR, OPEC MOMR, EIA STEO* Includes biofuels and processing gains



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OPEC's global demand forecast surpasses that of the IEA and EIA by about 2.25 mb/d in 4Q25, the gap reaches 2.6 mb/d in 1Q25

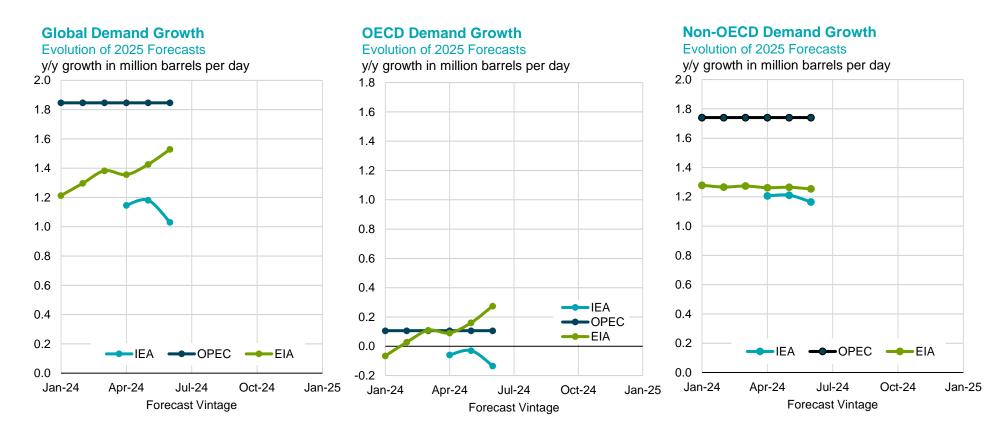
2024-25 Global Demand





Evolution of 2025 Annual Demand Growth Forecasts

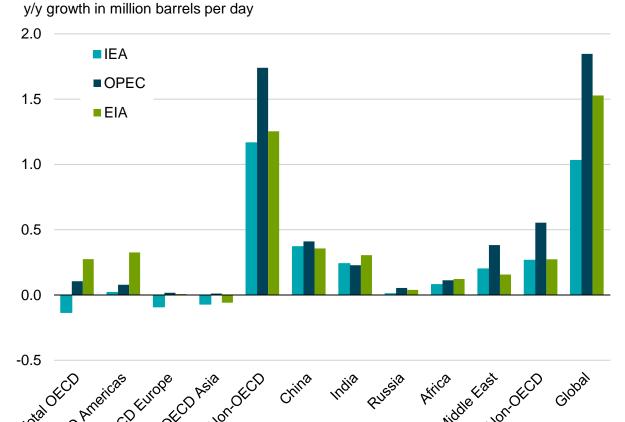
- OPEC's 2025 global demand growth forecast is 0.8 mb/d higher than the IEA's, due to OPEC's higher projections for demand growth in the Middle East and other non-OECD regions.
- IEA forecasts a downward revision in OECD demand growth for 2025.



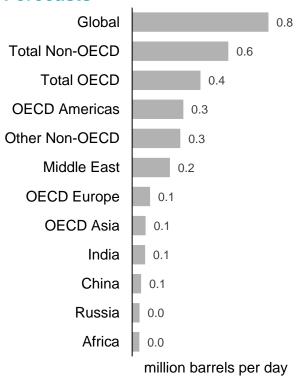


Non-OECD countries account for >94% of 2025 global demand growth in OPEC forecasts





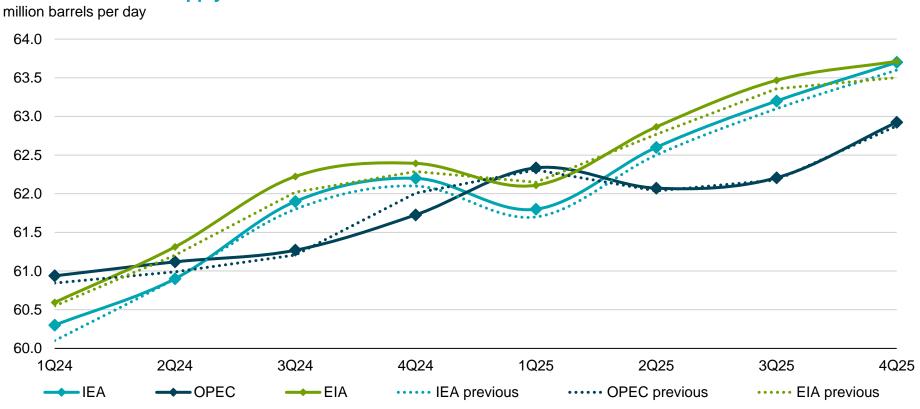
Range in 2025 Demand Growth Forecasts





The IEA and EIA see stronger non-DoC supply growth for 2025 compared to OPEC's forecast

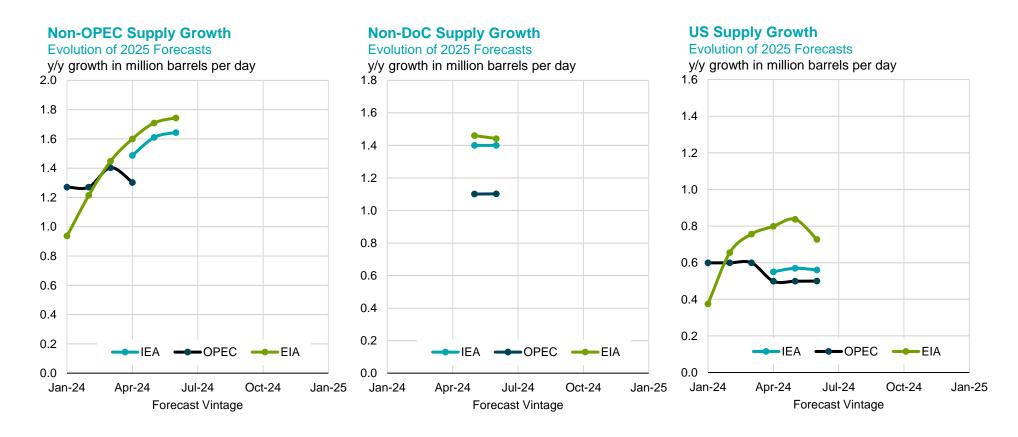
2024-25 Non-DoC Supply





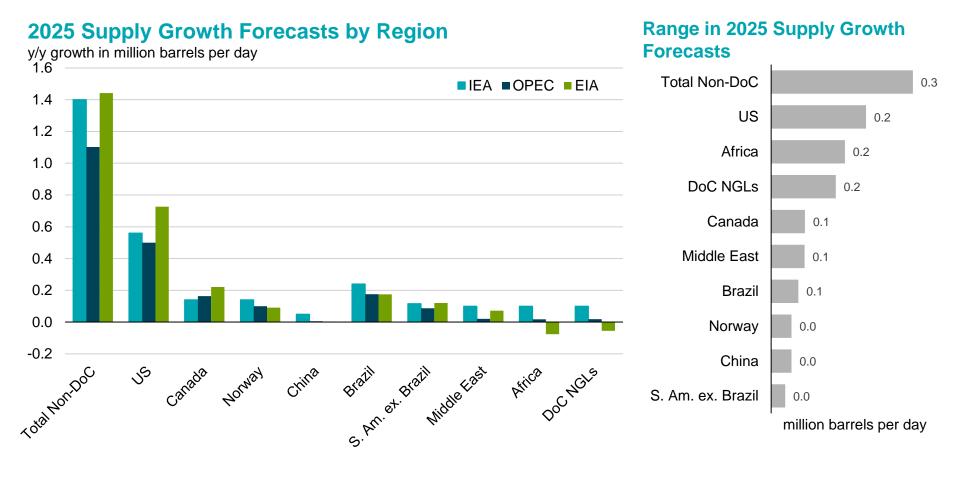
Evolution of 2025 Annual Non-OPEC Supply Growth Forecasts

- For the fifth consecutive month, the EIA has revised upward its 2025 forecast for Non-OPEC supply growth. The EIA now projects nearly 0.1 mb/d stronger growth compared to IEA forecasts.
- The EIA's forecast for the US oil supply growth is still 0.23 mb/d stronger than that developed by OPEC, despite its downward revision.





The IEA and EIA forecast still nearly the same level of supply growth in non-DoC countries, despite significant differences in their projections for the US, Brazil, and Africa

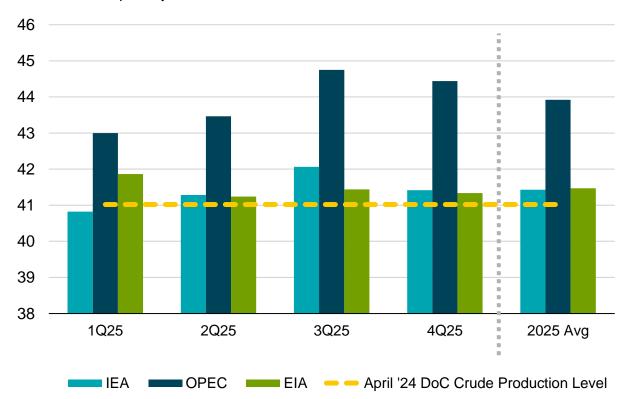




OPEC anticipates a 'call on DoC' more than 2.4 mb/d higher than that projected by the IEA and EIA, due to a stronger demand outlook and a lower baseline

2025 Call on DoC and Recent DoC Production Levels

million barrels per day



- The "call on DoC crude" is a calculation and not a forecast of actual production.
- The "call on DoC" estimates what OPEC+ would need to produce to balance global supply and demand.
- It is estimated by subtracting a forecast for non-DoC production and DoC NGLs from global demand.



Appendix



Notes:

- The IEF conducts a comprehensive comparative analysis of the short-, medium-, and long-term energy outlooks of the IEA, OPEC, and the EIA to inform the IEA-IEF-OPEC Symposium on Energy Outlooks that the IEF hosts annually in Riyadh as part of the trilateral work program.
- To inform IEF stakeholders on how perspectives on the oil market of both organizations evolve over time regularly, this monthly summary provides a snapshot overview of data points gained from comparing basic historical data and short-term forecasts of the IEA Oil Market Report, the OPEC Monthly Oil Market Report, and the EIA Short-term Energy Outlook.
- Data in tables and charts may not sum due to rounding.
- Some differences in regional/country supply figures may stem from different conventions in reporting processing gains and biofuels. EIA country-level data includes biofuels and processing gains, while OPEC only includes biofuels and IEA excludes both. All total non-OPEC production figures include biofuels and processing gains.



Upcoming Publication Dates

	IEA OMR	OPEC MOMR	EIA STEO	JODI
June	12 th (Wednesday)	11 th (Tuesday)	11 th (Tuesday)	17 th (Monday)
July	11 th (Thursday)	10 th (Wednesday)	9 th (Tuesday)	17 th (Wednesday)
August	13 th (Tuesday)	12 th (Monday)	6 th (Tuesday)	19th (Monday)
September	12 th (Thursday)	10 th (Tuesday)	10 th (Tuesday)	17 th (Monday)





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