

# Monthly Oil & Gas Data Review

*Summary findings from the latest JODI oil & gas databases update*

October 2025

# JODI Update August 2025 data: Monthly Highlights

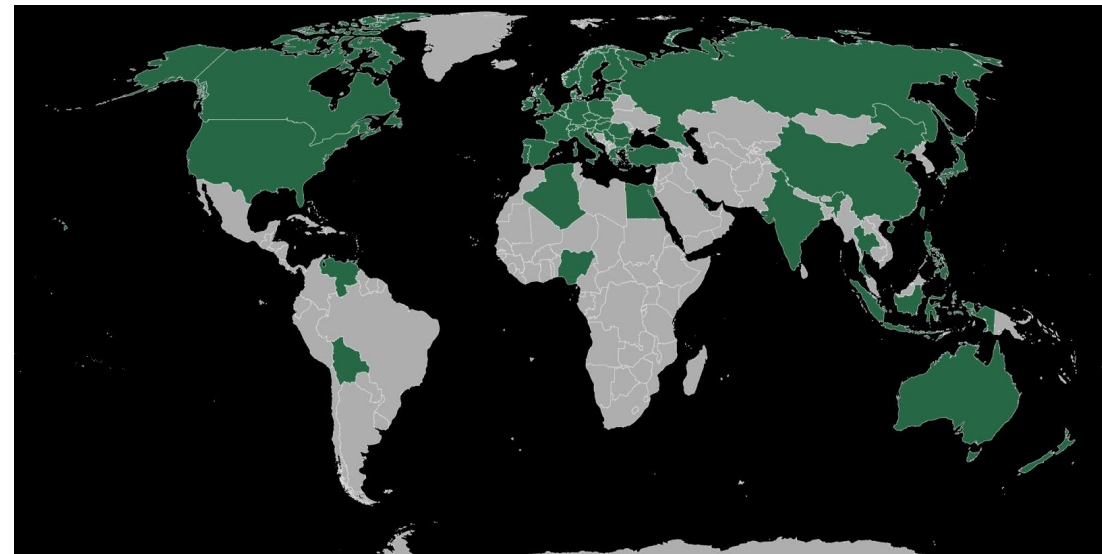
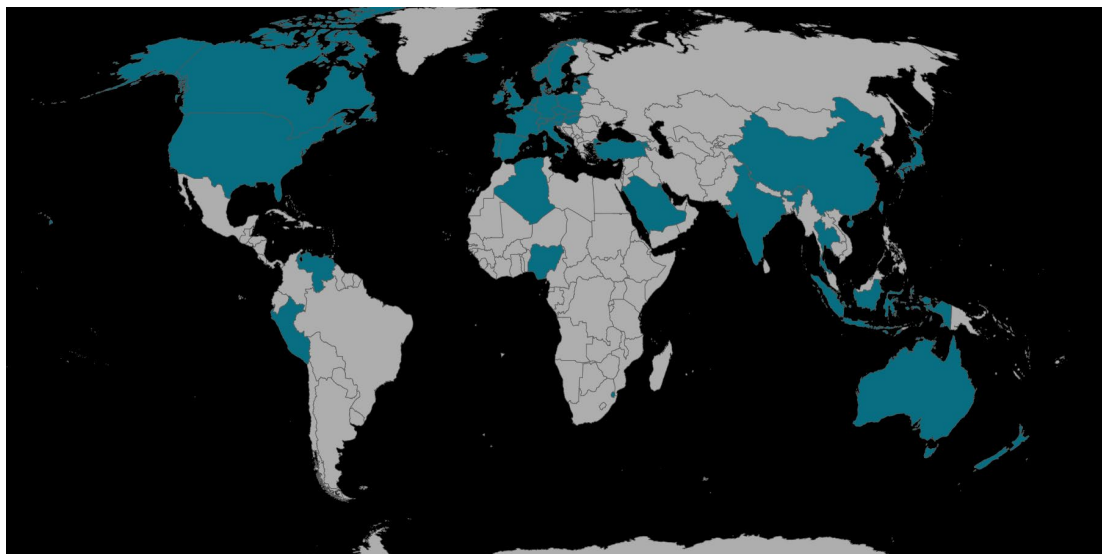
49

countries  
updated JODI-Oil database



57

countries  
updated JODI-Gas database

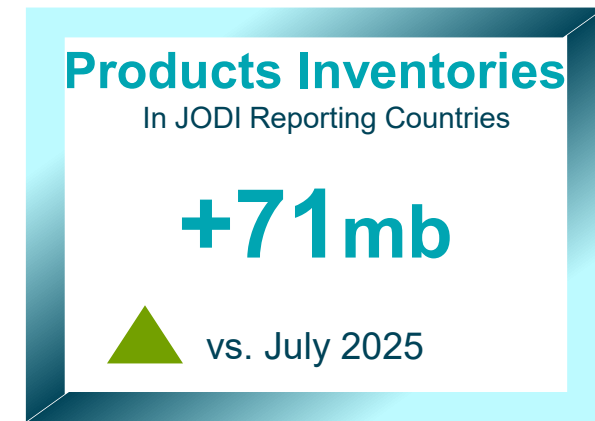
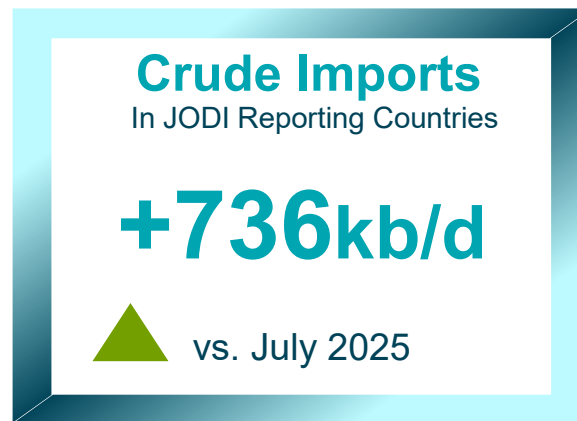
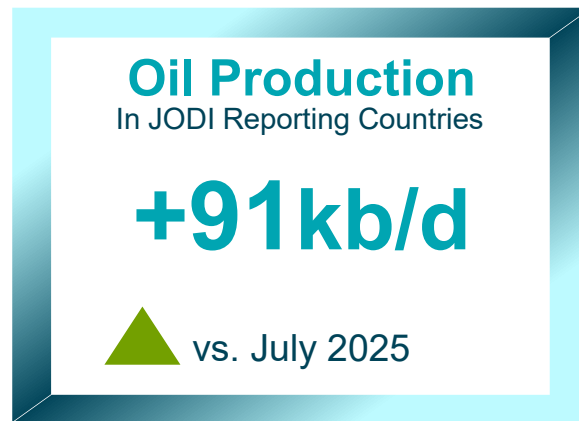
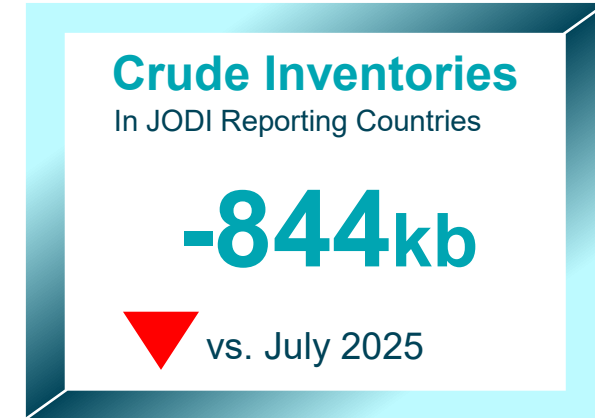
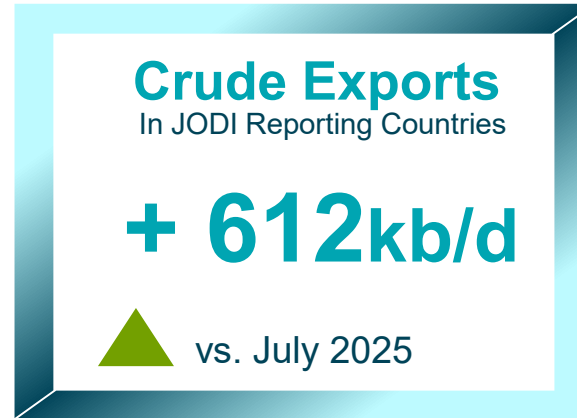
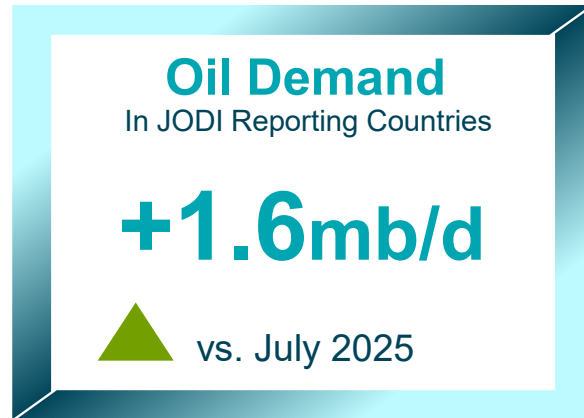


\* The countries/economies highlighted in blue and green on the maps indicate those that have updated JODI-Oil and JODI-Gas databases with the most recent August 2025 data

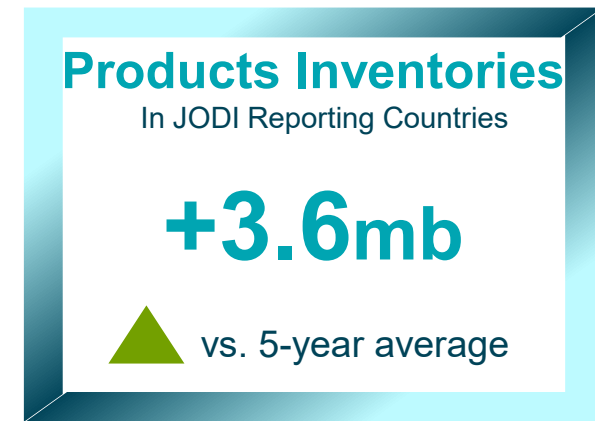
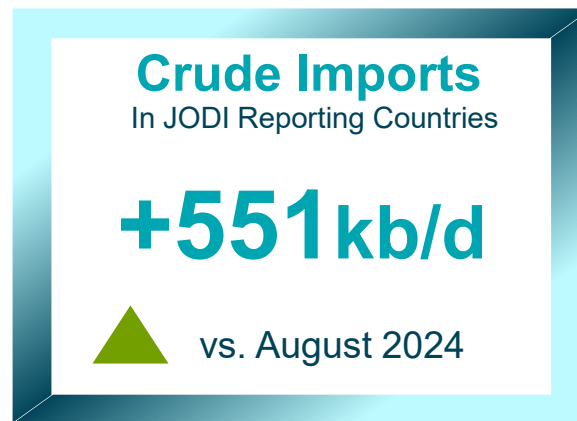
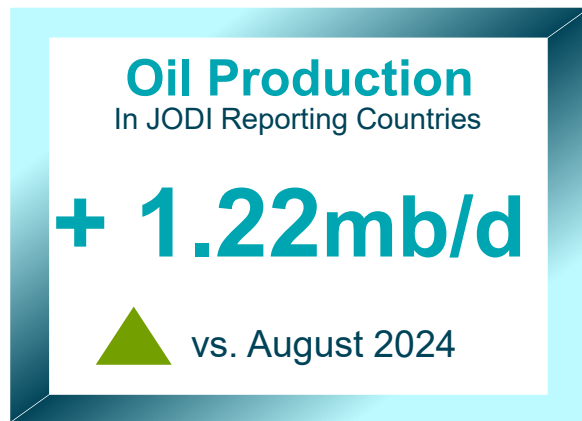
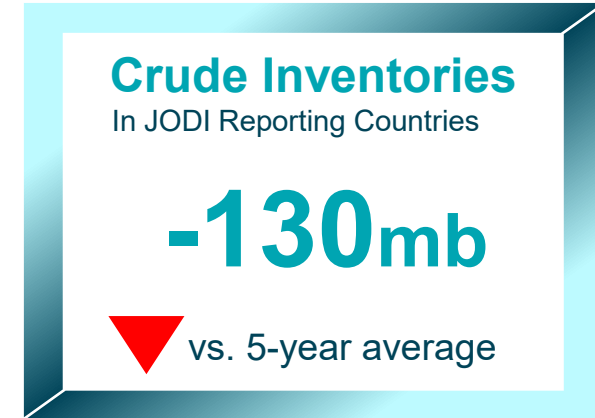
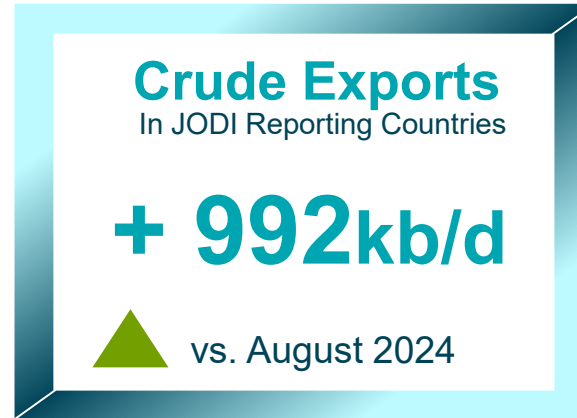
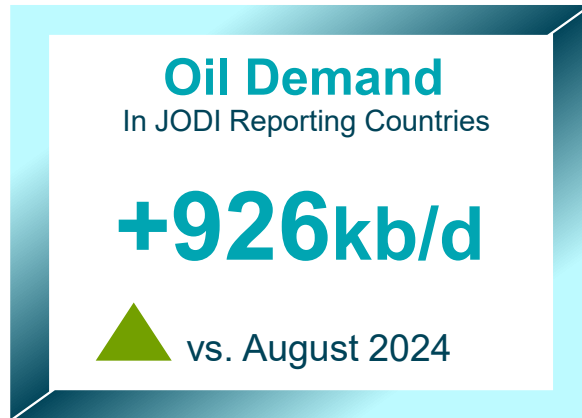
# JODI Oil update: Month-on-Month Changes



49 countries updated the database with the most recent August 2025 data



# JODI Oil update: Year-on-Year Changes



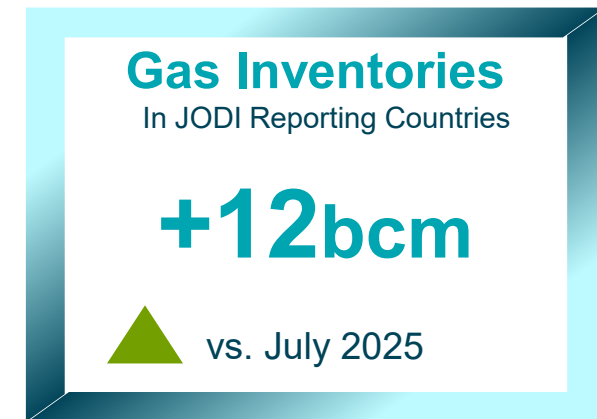
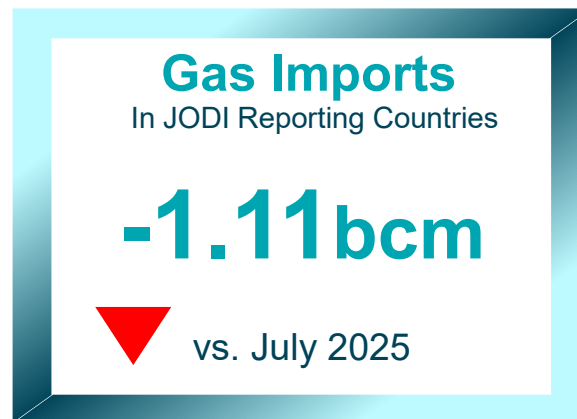
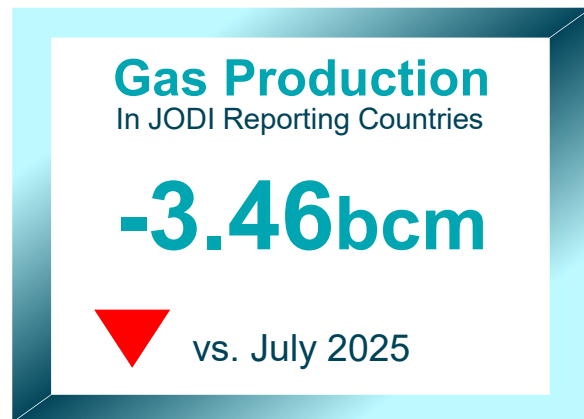
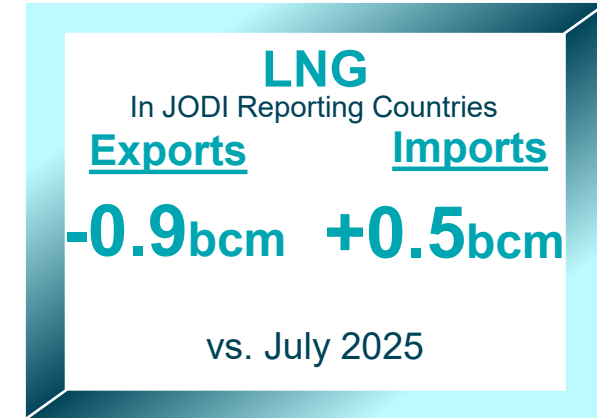
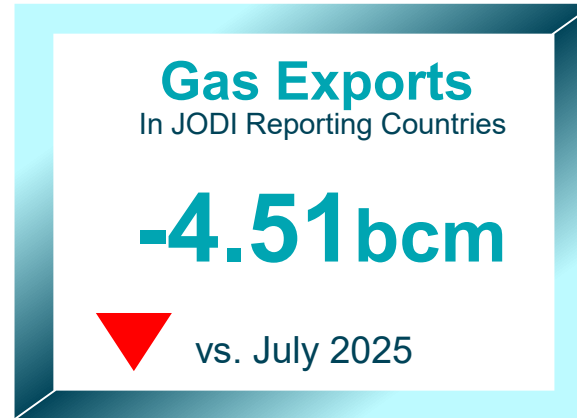
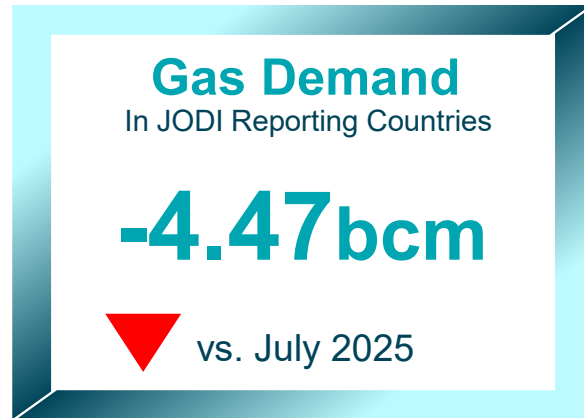
# Oil Market Overview with Data Through August 2025

- Oil demand in JODI-reporting countries rose in August by 1.6 mb/d month-on-month (m/m) and by 926 kb/d year-on-year (y/y).
  - The m/m growth was driven mainly by higher demand in the US (+1.5 mb/d), China (+416 kb/d), Saudi Arabia (+222 kb/d), and United Kingdom (+208 kb/d).
  - The y/y increase was also driven by higher crude oil demand from the US (~+1.8 mb/d), United Kingdom (+157 kb/d), Italy (+128 kb/d), India (+116 kb/d) and Nigeria (+100 kb/d) offset by lower demand from Indonesia (-535 kb/d), Germany (-222 kb/d) and South Korea (-137 kb/d).
  - The global Gasoline demand in the preliminary JODI reporting countries rose by 656 kb/d, while Diesel demand declined by 797 kb/d, Jet Fuel by 136 kb/d and LPG by 62 kb/d.
- Global Crude oil production in JODI-reporting countries was up by 91 kb/d m/m and by 1.22kb/d y/y.
  - The m/m growth noted a growth of oil production mainly from Saudi Arabia (+521 kb/d), offset by a lower crude production from the US (-239 kb/d), and UK (-108 kb/d).
  - The y/y growth was driven by higher production mainly from Saudi Arabia (+730 kb/d), Norway (+185 kb/d), Venezuela (+171 kb/d), China (+99 kb/d) and Nigeria (+74 kb/d).
- Crude inventories in JODI-reporting countries declined by 844 kb in August m/m, settling at 130 mb below the 5-year average.
- Product inventories were up by 71 mb, m/m and settled at 3.6 mb higher than the 5-year average.

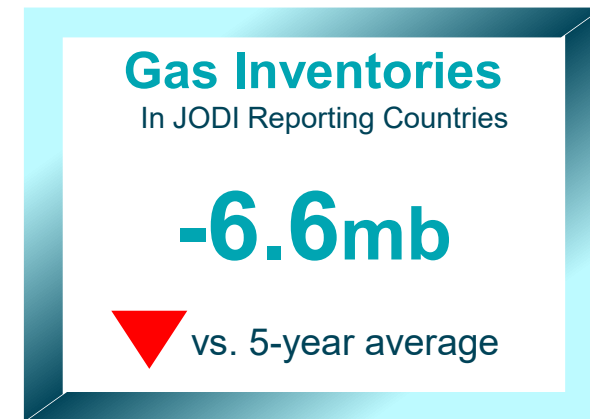
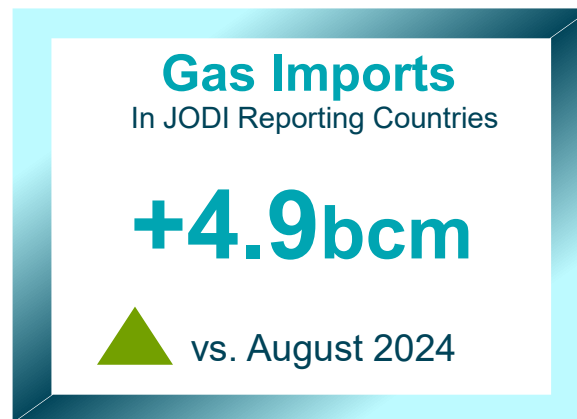
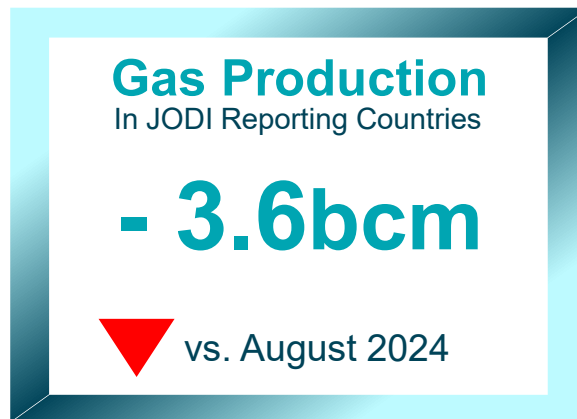
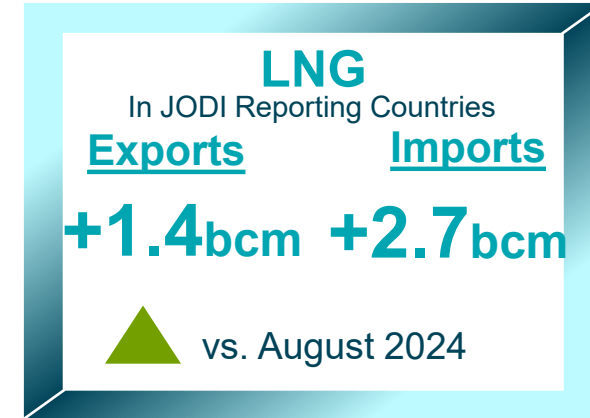
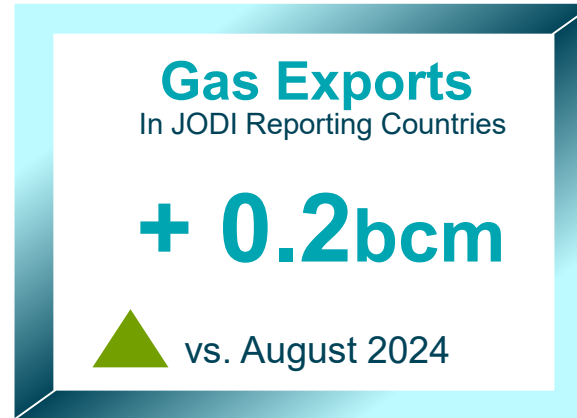
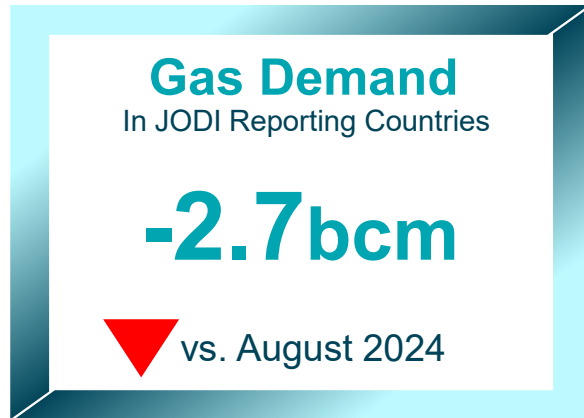
# JODI Gas Update: Month-on-Month Changes



57 countries updated the database with the most recent August 2025 data



# JODI Gas update: Year-on-Year Changes



# Gas Market Overview with Data Through August 2025

- Natural gas production in JODI-reporting countries went down in August by 3.46 bcm m/m and by 3.6 bcm y/y.
  - The month-on-month decline was mainly driven by Nigeria (-2.5 bcm), UK (-0.6 bcm), Australia and US (-0.44 bcm), and China (-0.32 bcm).
  - The year-on-year decline was driven by lower production of natural gas from Russia (-4.3 bcm), Nigeria (-1.85bcm), Indonesia (-0.5bcm), and Australia (-0.44 bcm), partially offset by higher natural gas production from the US (+3.89 bcm) and China (+1.22 bcm).
- Natural gas demand in JODI-reporting countries was down in August by 4.47 bcm m/m and by 2.73 bcm y/y.
  - The month-on-month decline was driven by lower natural gas demand from the United States (-2.8 bcm), Nigeria (-1.68 bcm), South Korea (-1.06 bcm), Italy (-0.92 bcm) and Japan (-0.65 bcm), partially offset by higher demand for natural gas in Canada (+1.6 bcm), Germany (+0.7 bcm) and Egypt (+0.44 bcm).
  - The year-on-year regression was influenced by lower demand from the United States (~-2.4 bcm), South Korea (-1.5 bcm), and Nigeria (-1.48 bcm).
  - EU+UK natural gas demand declined by 1 bcm m/m and by 0.19 bcm y/y.
- Total gas inventories rose in August 12.2 bcm m/m, and declined by 18.7 bcm y/y.
  - EU+UK inventories rose by 9.5 in July m/m but declined by 16.8 bcm y/y.

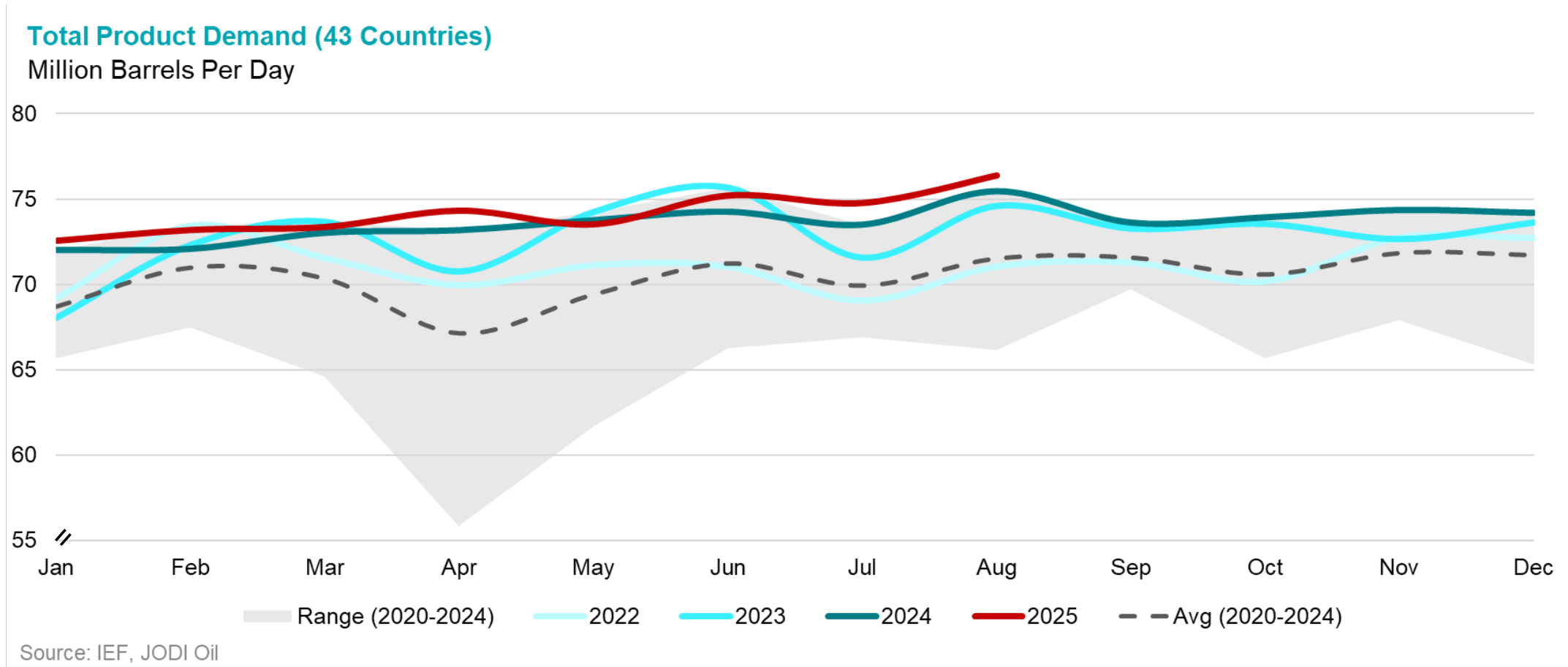
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# Oil Highlights

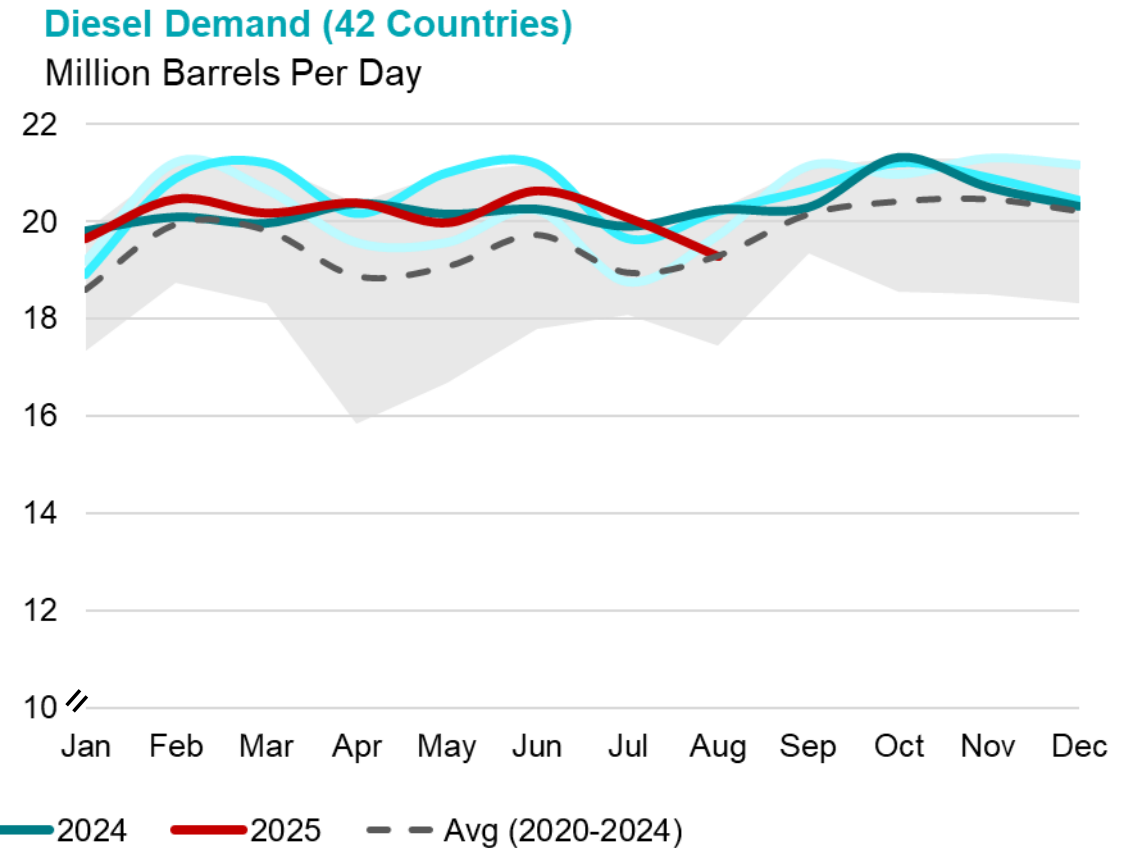
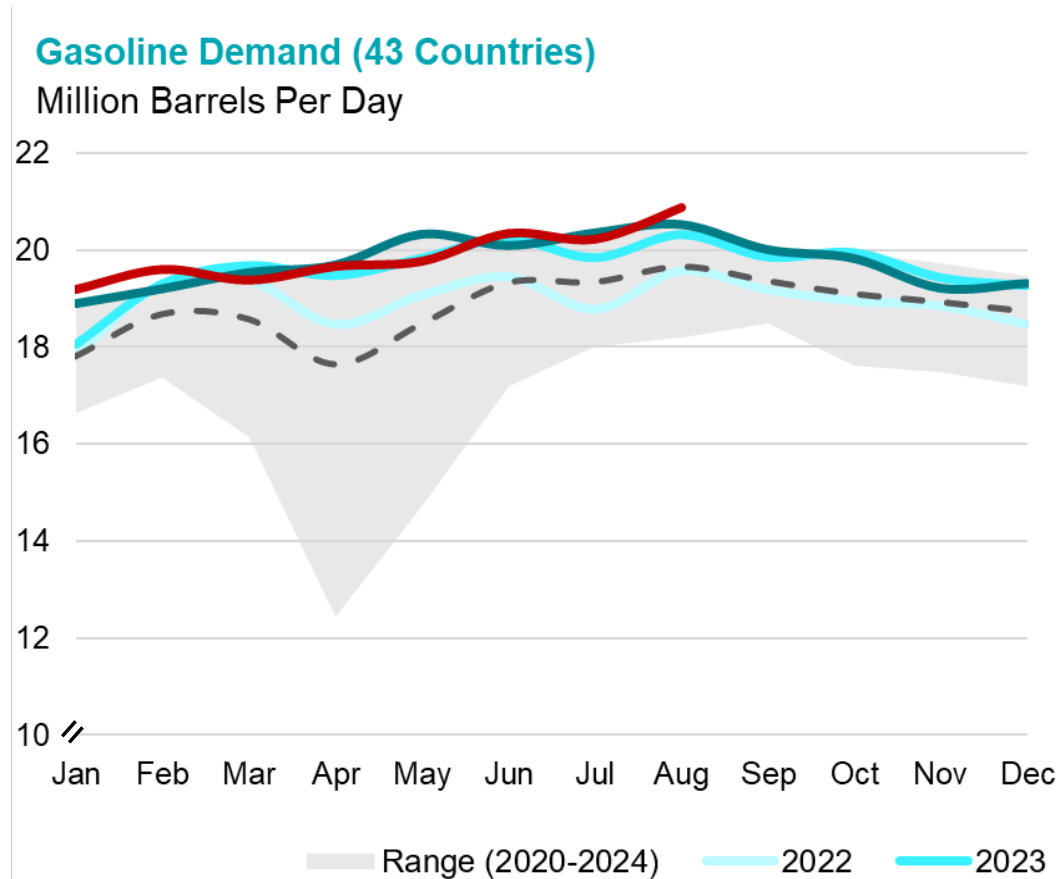
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*\*Aggregated figures use the total for countries that have reported data every month since January 2020*

# Oil demand rose by 1.6 kb/d m/m in August, and by 926 kb/d y/y



# Gasoline demand rose by 656 kb/d in August, Diesel demand declined by 797 kb/d m/m

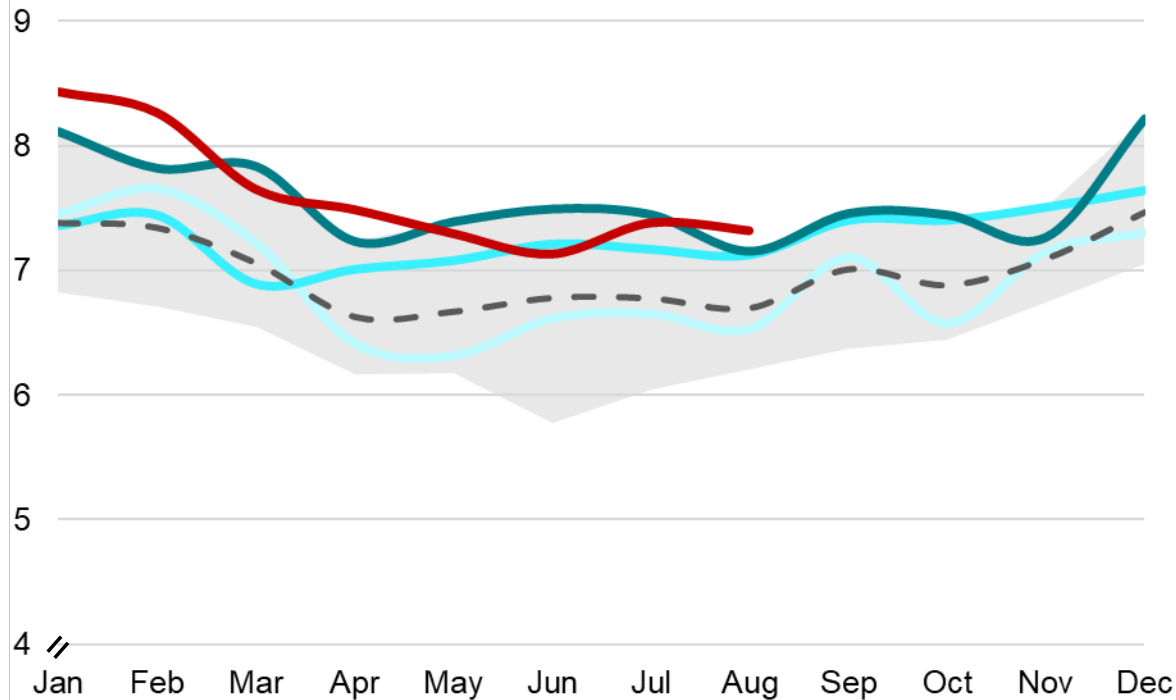


Source: IEF, JODI Oil

# LPG demand went down by 62 kb/d in August, Naphtha demand was up by 11 kb/d m/m

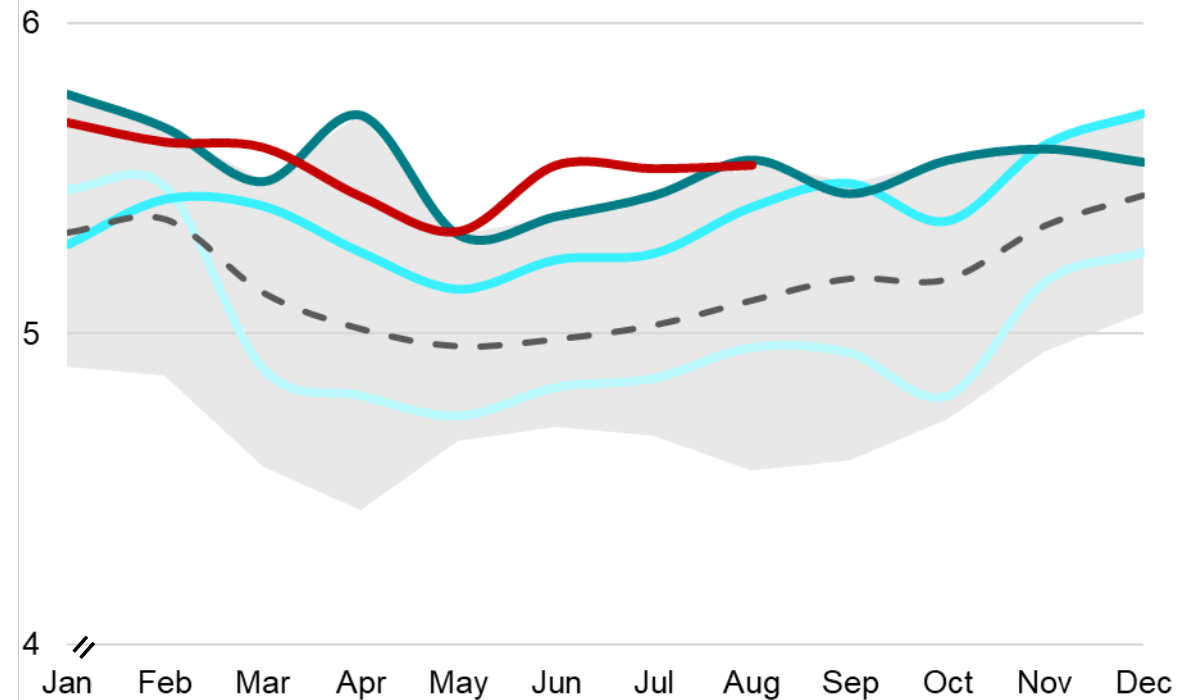
LPG Demand (37 Countries)

Million Barrels Per Day



Naphtha Demand (16 Countries)

Million Barrels Per Day

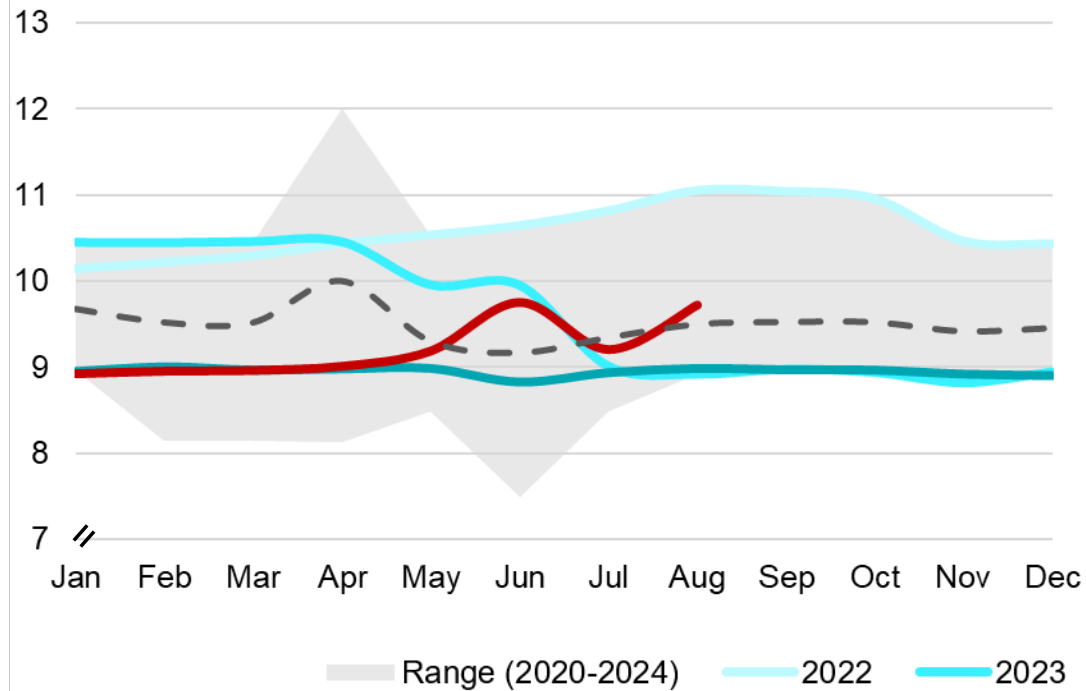


Source: IEF, JODI Oil

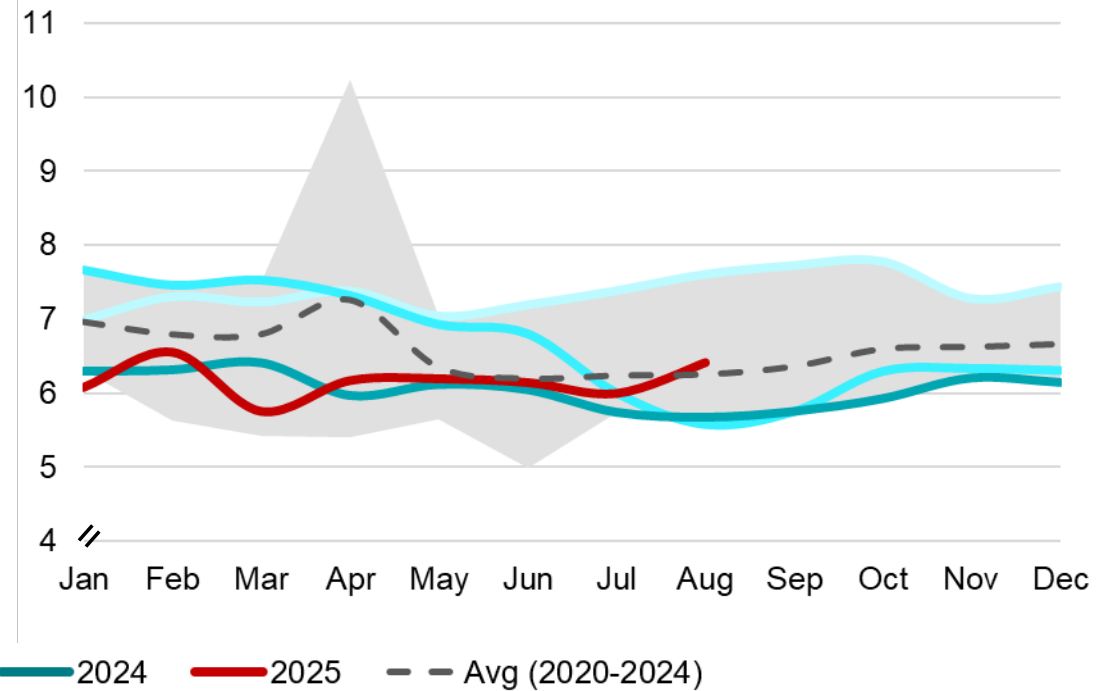
Range (2020-2024)
  2022
  2023
  2024
  2025
  Avg (2020-2024)

# Saudi Arabia Crude production rose by 521 kb/d in August and Exports by 413 kb/d

**Saudi Arabia Crude Oil Production**  
Million Barrels Per Day



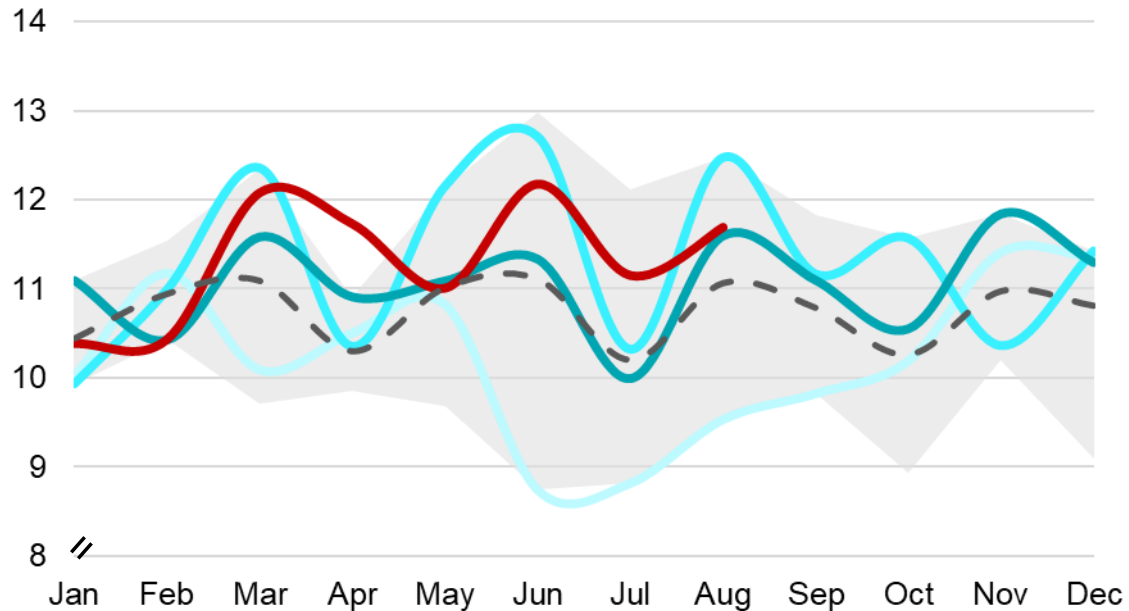
**Saudi Arabia Crude Oil Exports**  
Million Barrels Per Day



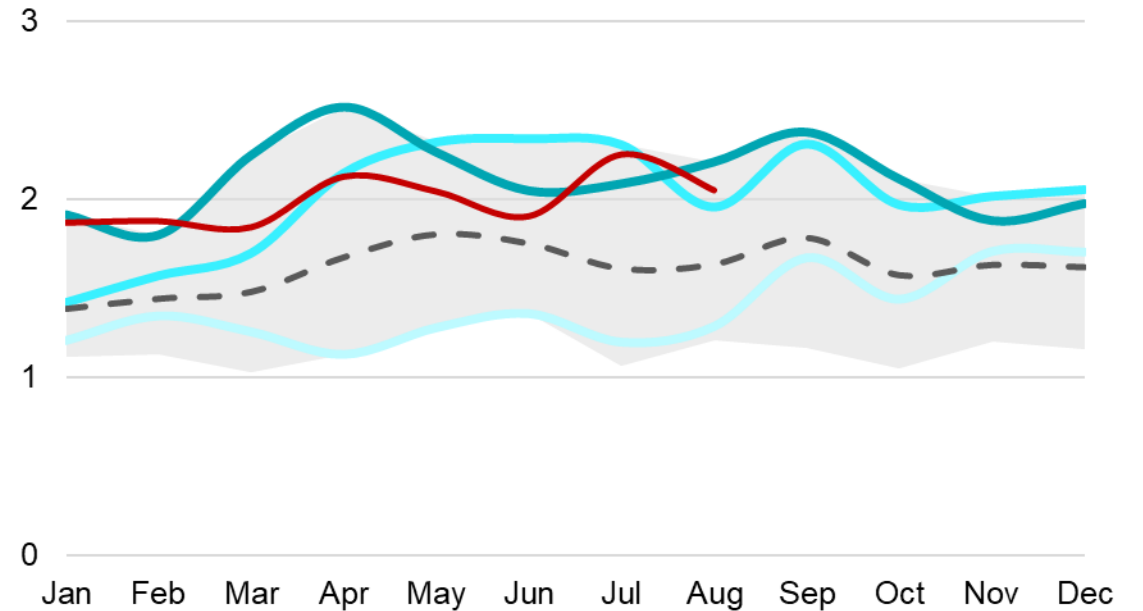
Source: IEF, JODI Oil

# China crude oil imports rose in August by 541 kb/d, total product imports declined by 202 kb/d m/m

**China Crude Oil Imports**  
Million Barrels Per Day



**China Total Product Imports**  
Million Barrels Per Day

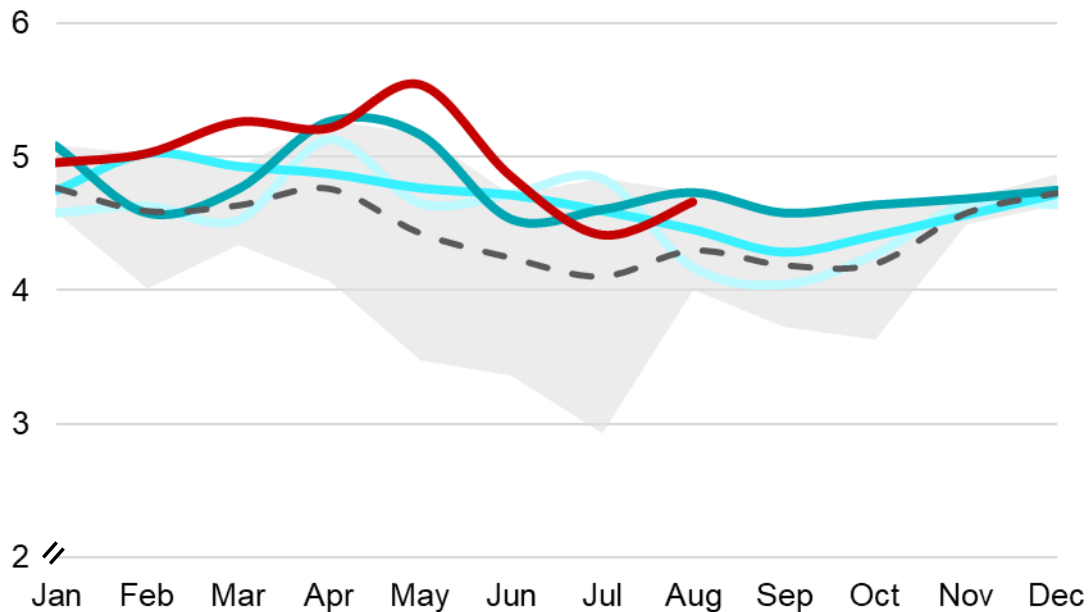


Range (2020-2024)
  2022
  2023
  2024
  2025
  Avg (2020-2024)

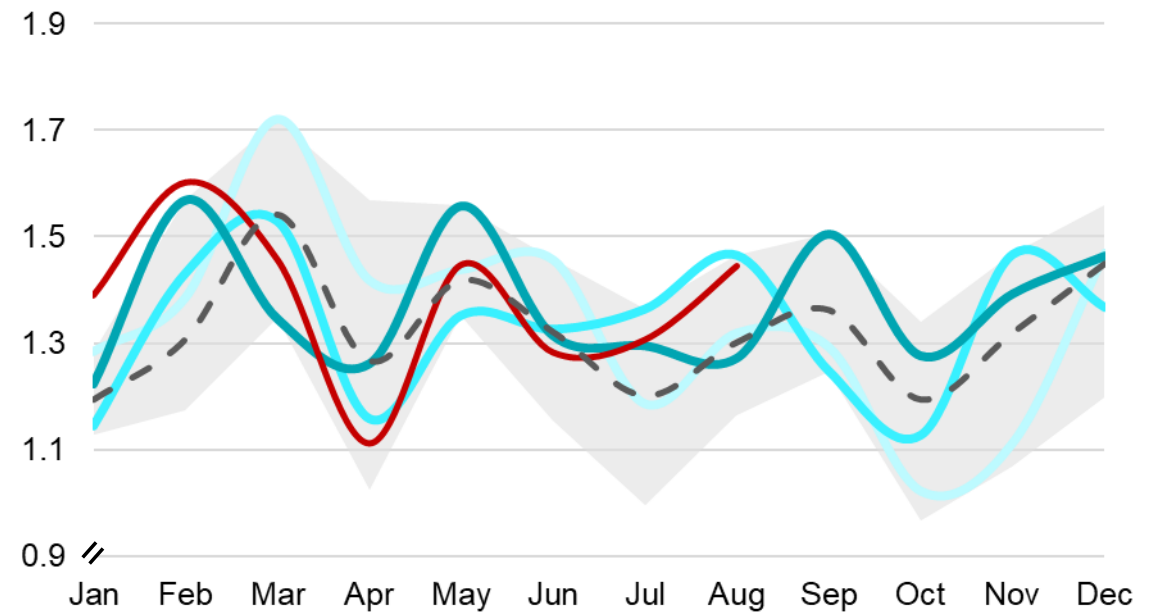
Source: IEF, JODI Oil

# India crude oil imports rose in August by 248 kb/d and total product exports by 138 kb/d m/m

**India Crude Oil Imports**  
Million Barrels Per Day



**India Total Product Exports**  
Million Barrels Per Day

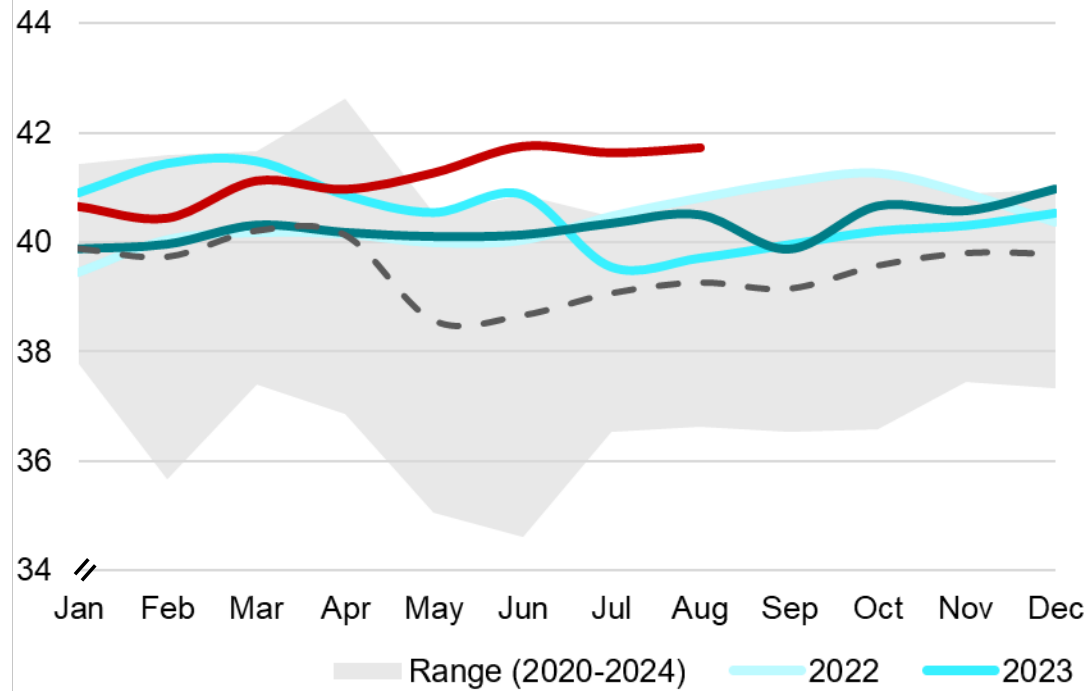


Range (2020-2024)
  2022
  2023
  2024
  2025
  Avg (2020-2024)

Source: IEF, JODI Oil

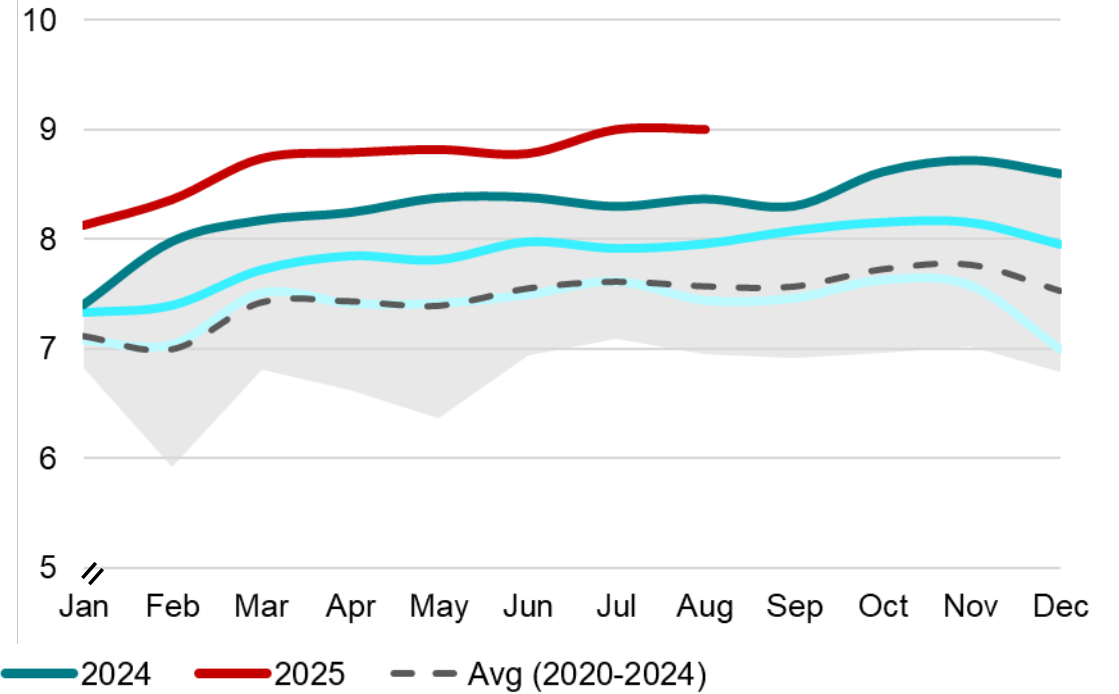
# Crude oil production rose by 91 kb/d in August and NGL production remained steady

**Crude Oil Production (29 Countries)**  
Million Barrels Per Day



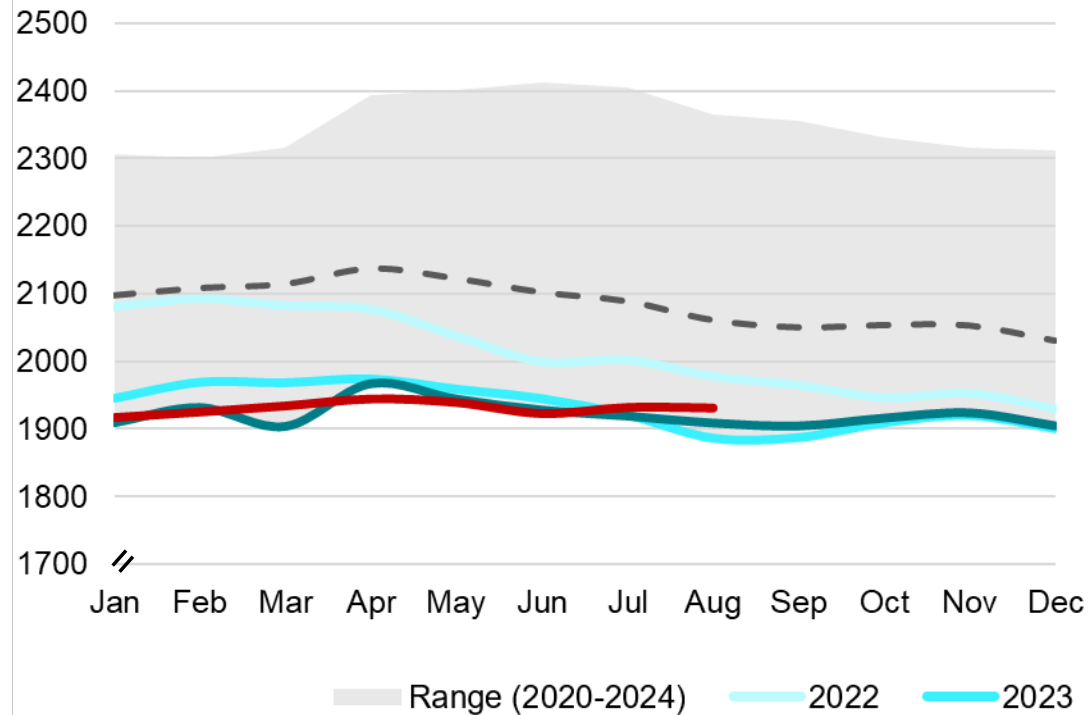
Source: IEF, JODI Oil

**NGL Production (13 Countries)**  
Million Barrels Per Day



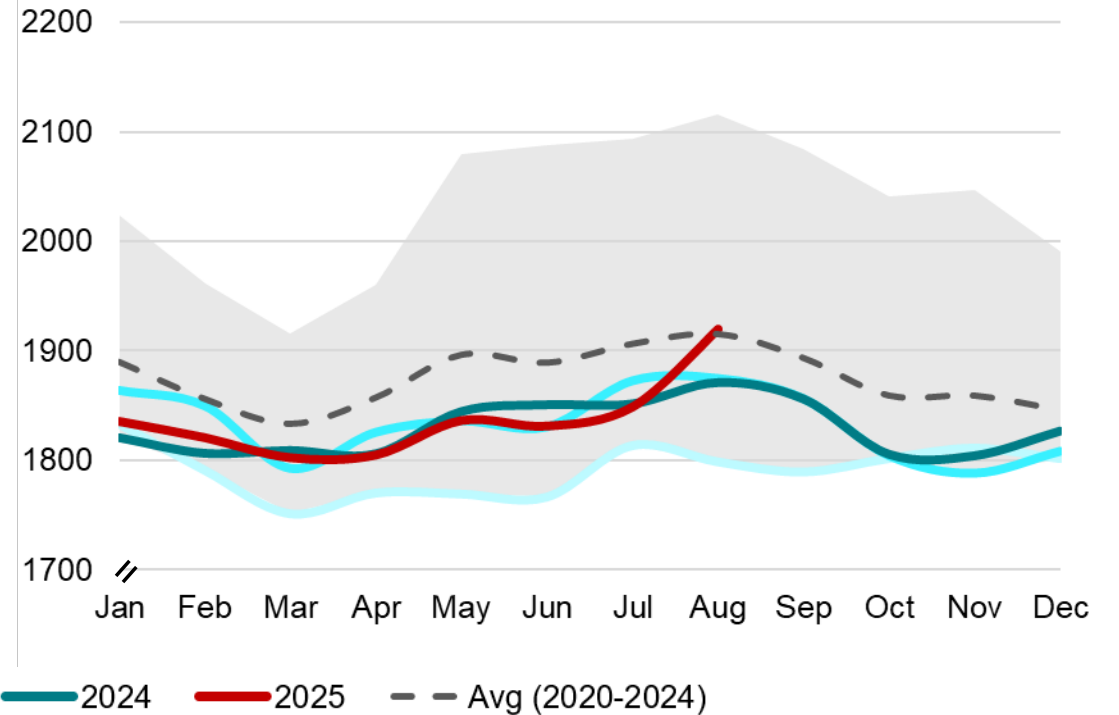
# Crude inventories went down by 844 kb in August while product inventories rose by 71 mb m/m

**Crude Oil Closing Inventories (32 Countries)**  
Million Barrels



Source: IEF, JODI Oil

**Total Product Closing Stocks (37 Countries)**  
Million Barrels



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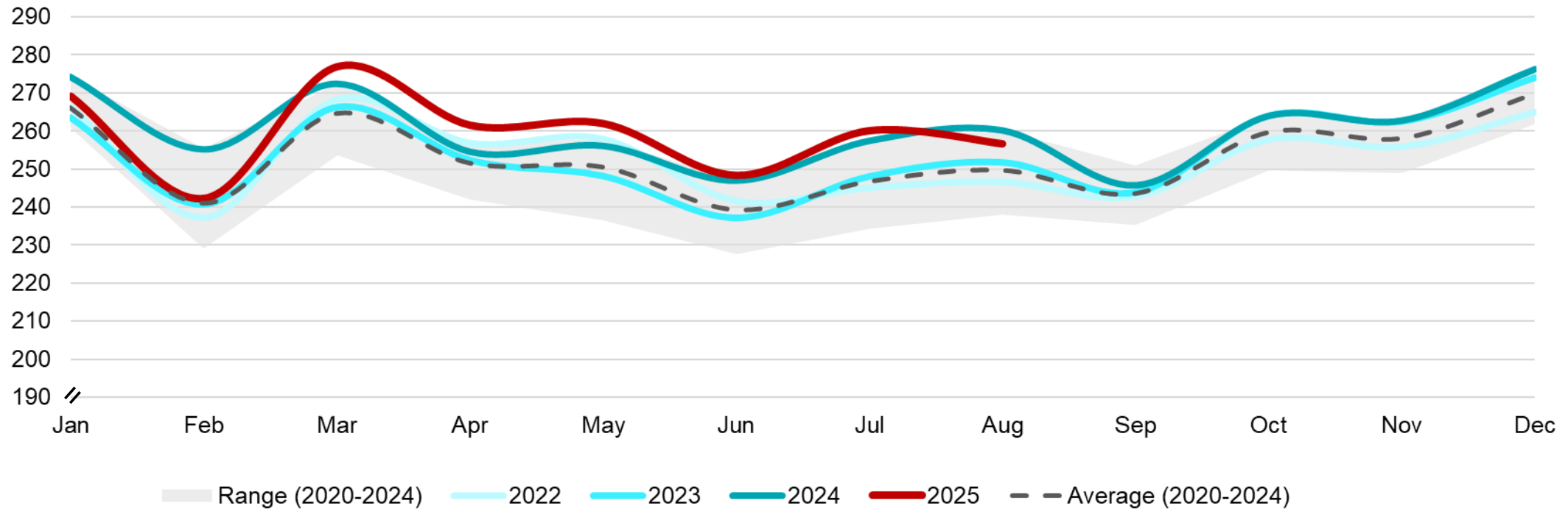
# Gas Highlights

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*\*Aggregated figures use the total for countries that have reported data every month since January 2020*

# Gas production declined by 3.46 bcm in August m/m, and by 3.6 bcm y/y

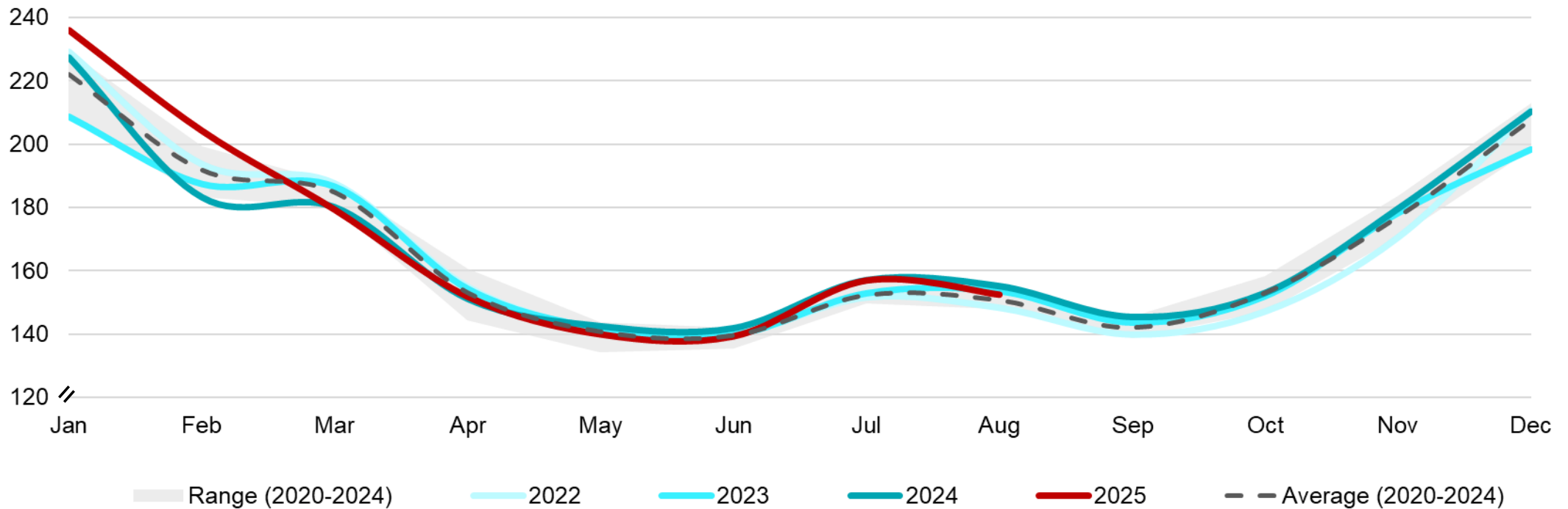
Natural Gas Production (36 Countries)  
Billion Cubic Metres



Source: IEF, JODI Gas

# Natural gas demand in August was down by 4.47 bcm and 2.7 bcm y/y

Natural Gas Demand (45 Countries)  
Billion Cubic Metres

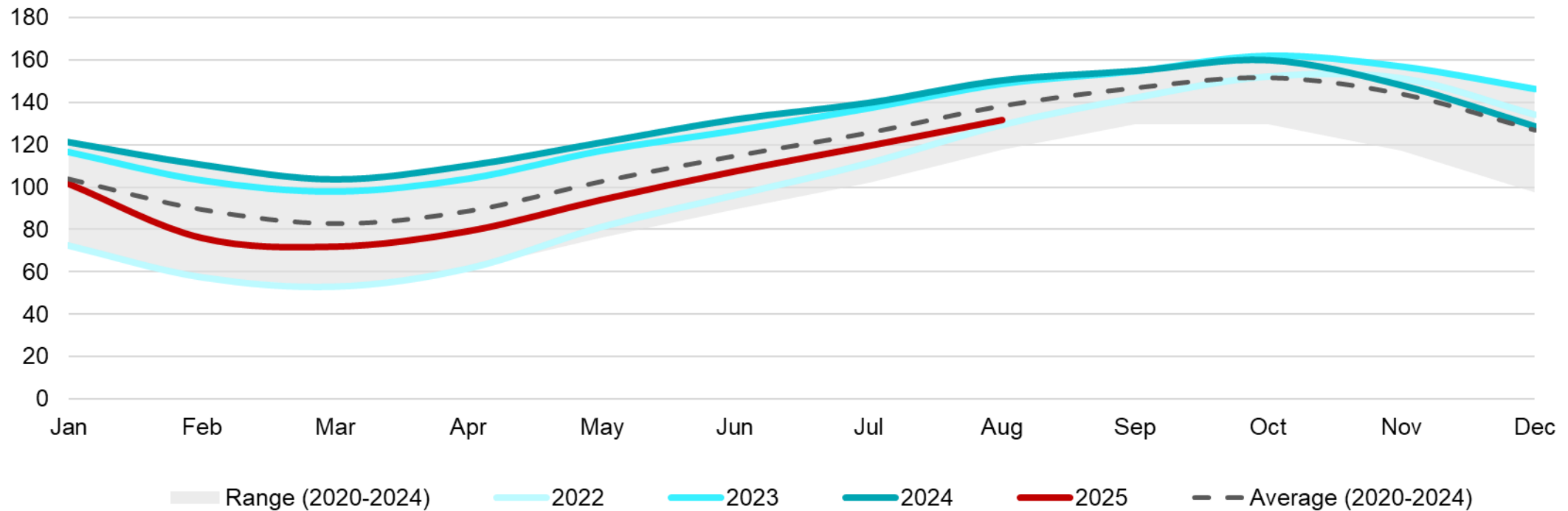


Source: IEF, JODI Gas

# Natural gas inventories rose by 12.2 bcm in August but declined by 18.7 bcm y/y

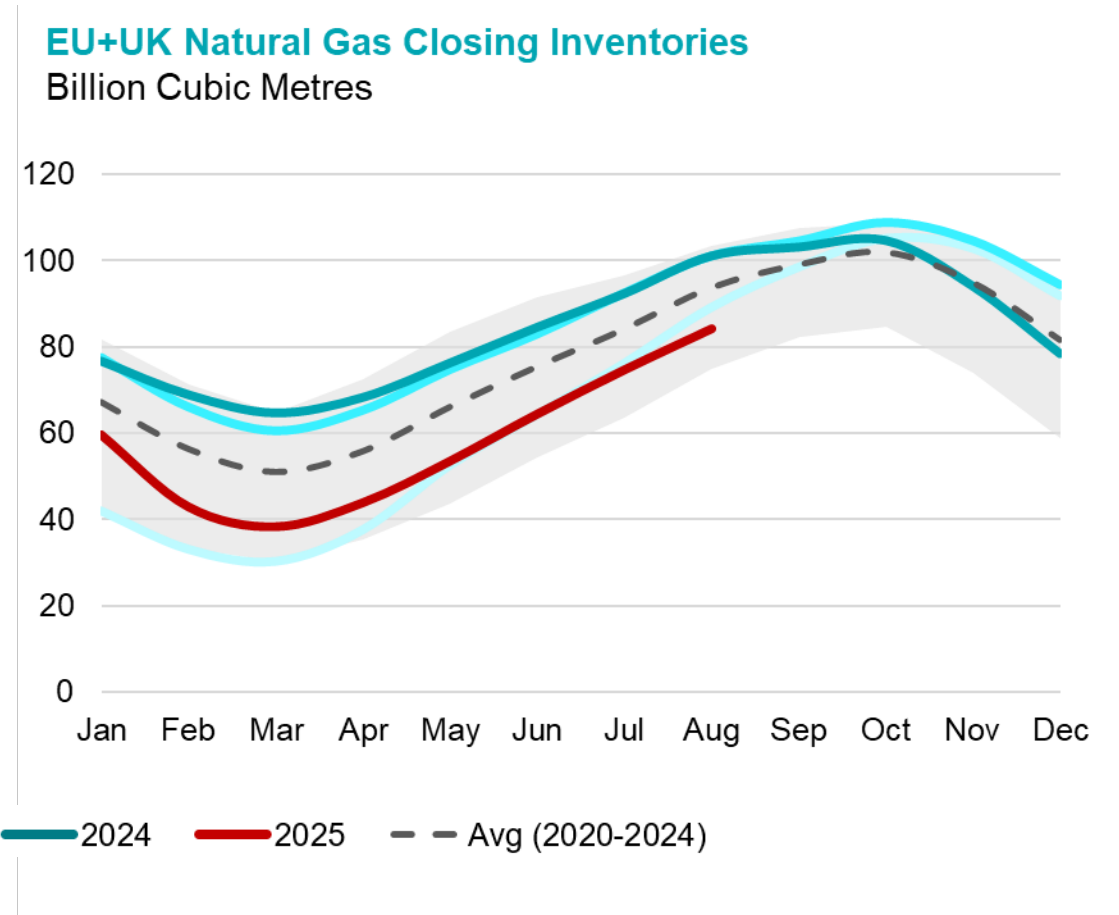
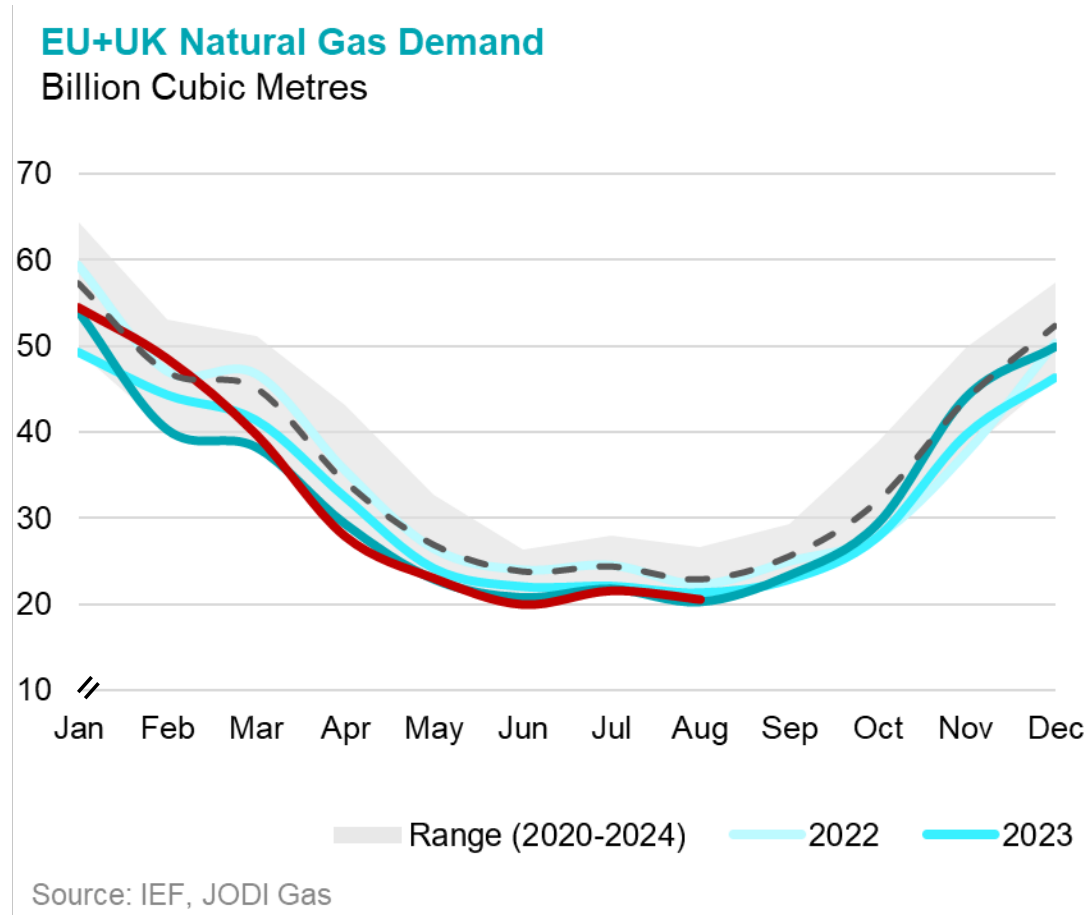
## Natural Gas Closing Inventories (28 Countries)

Billion Cubic Metres



Source: IEF, JODI Gas

# EU+UK gas demand was down by 1 bcm in August while inventories rose by 9.5 bcm m/m



# Next Updates of IEF JODI Oil and Gas Review

- Calendar

- ✓ October Wed 22<sup>nd</sup>

- November Wed 19<sup>th</sup>**

- December Thu 18<sup>th</sup>

- Published at Noon London Time

- Access to more JODI Reviews:

- <https://www.ief.org/data/oil-gas-data-review>

- Access to JODI Oil and JODI Gas Data:

- <https://www.jodidata.org/oil/database/data-downloads.aspx>

- <https://www.jodidata.org/gas/database/data-downloads.aspx>

- <http://www.jodidb.org>



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