



# Global commodity outlook

This month's focus: Crude oil and natural gas

February 2025

# Investment recommendations:

- **All commodities** – *Neutral*. Commodity upside has improved relative to 2024. Near-term, tariff-related inflation worries should benefit hard assets, despite a strong dollar. We also expect domestic demand in China to improve this year, improving expected gains on industrial commodities.
- **Crude oil** – *Long*. Brent is trading at a discount, even if speculative demand picked up in early 2025. This improves upside risk, as does a high probability the market will remain in deficit. While a strong dollar curbs the near-term outlook, we find a high (71%) chance that oil will exceed 12M futures.
- **Natural gas** – *Neutral*: Cold weather lifted prices via stronger demand and speculative positioning. Gas is trading at a premium, but should benefit from higher industrial activity and tight supply, keeping prices above \$3.5 / MMBtu.

# Updated price forecasts (24M ahead):

Commodity outlook Price forecasts (USD)	Baseline scenario			12M probability forecasts		
	2/25	12M	24M	Probability pos. returns	Probability > futures	Left-tail risk
S&P GSCI	108	113	117	63%	-	-29%
Brent crude oil	77	83	87	64%	71%	-49%
Henry Hub	3.54	4.01	4.30	57%	34%	-79%
LME copper	9245	9156	9301	48%	39%	-41%
Iron ore (62%)	106	102	108	45%	52%	-82%
Gold	2898	3041	3163	64%	45%	-20%

Units: S&P GSCI: Price return index (2010 = 100); crude oil: USD / bbl; Henry Hub: USD / MMBtu; copper: USD / MT; iron USD / MT; gold: USD / ounce.

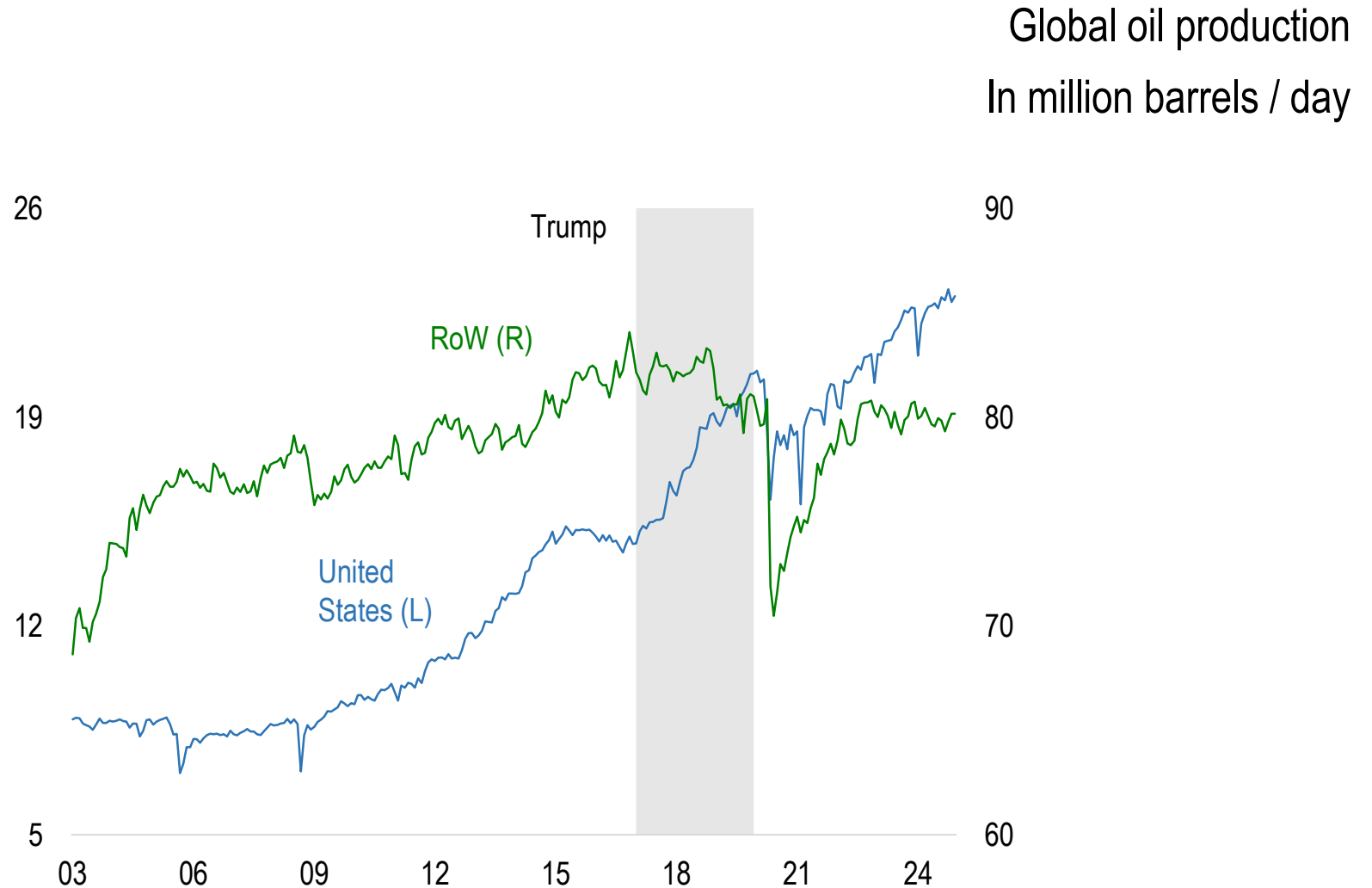
Source: History: S&P, EIA, LME, ICE, China Iron Ore & Steel Association; Forecasts: Numera Analytics. Models run on 11 February 2025.

Special section: Drill, baby, drill?

# Will a shift in energy policy fuel US oil production?

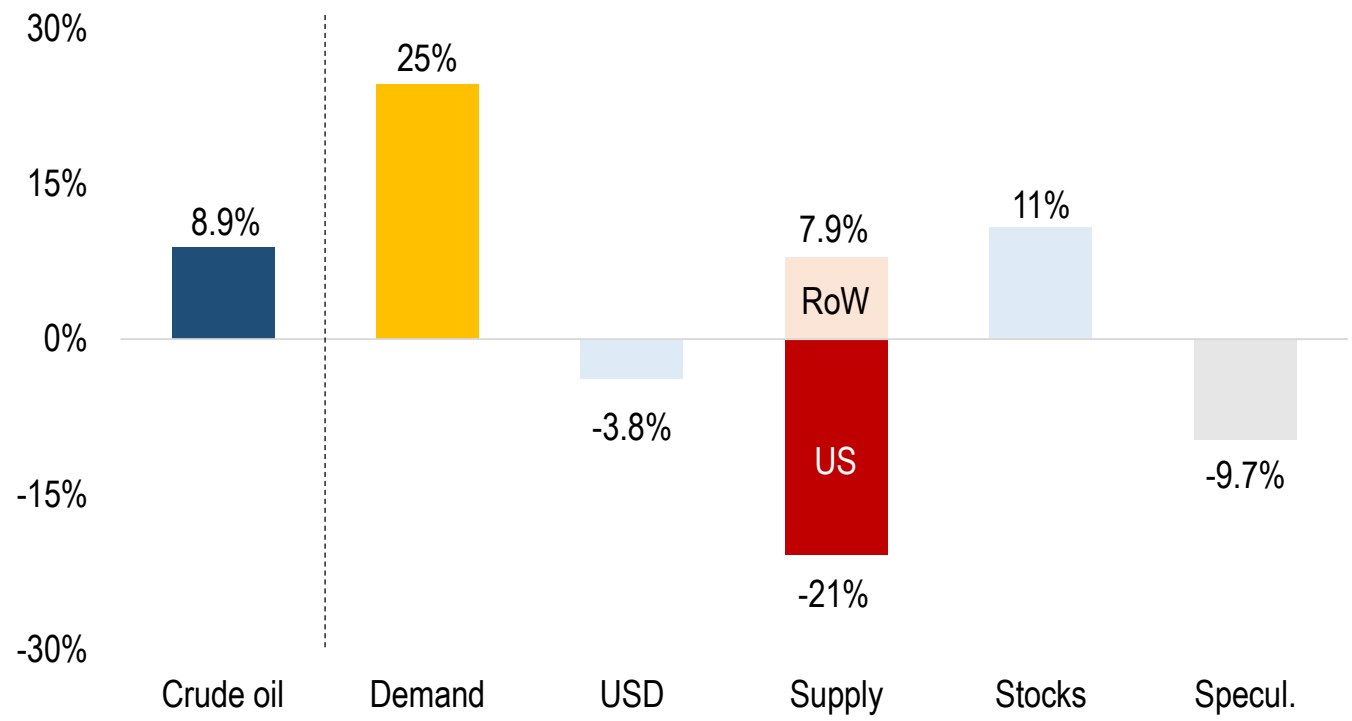
- Looking to lower prices at the pump, the Trump administration is hoping to drive up US oil production by allowing drilling on federal land (mainly in Alaska).
- US oil supply grew sharply during Trump's first term, exerting a major drag on oil prices. But while the administration extended O&G leases, 80% of the growth in supply came from rapid growth in shale rig counts, rather than the policy shift.
- E&P producers already have large amounts of unexploited acreage in federal land, choosing to focus on non-conventional drilling in the Permian basin. As such, a further extension in permits is unlikely to have a large impact.
- Large producers, holding the majority of O&G leases, are in fact looking cut back on investment in 2025, in an effort to protect sound upstream margins.

# US oil production grew 5+ Mbbl during 2017/19



# This weighed on prices, but offset by other factors

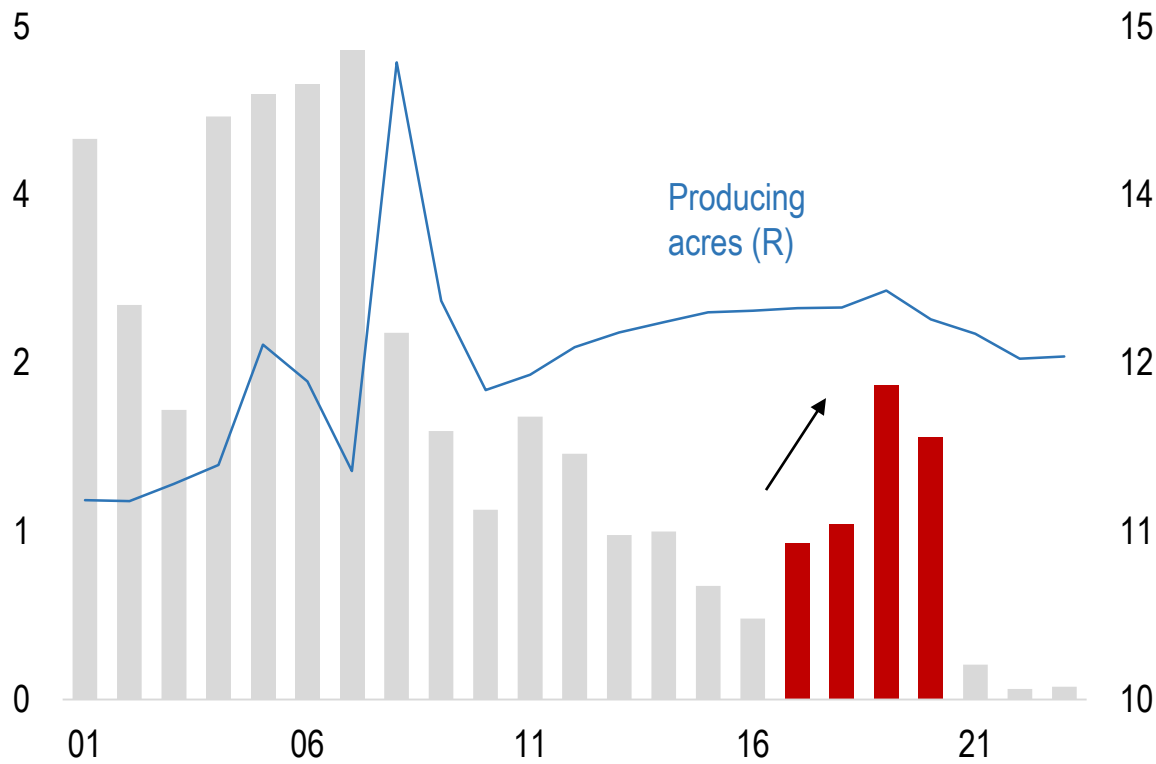
Drivers decomposition – Crude oil prices  
Change in real Brent prices – 2017/19



Note: Chart shows the estimated contribution of selected market drivers to the change in real oil prices between January 2017 and Dec. 2019. Speculation proxied by net long positions on Brent futures in the NYMEX.

# Shift in energy policy led to greater O&G leasing

## New leases to O&G companies Federal land (BNs of acres)

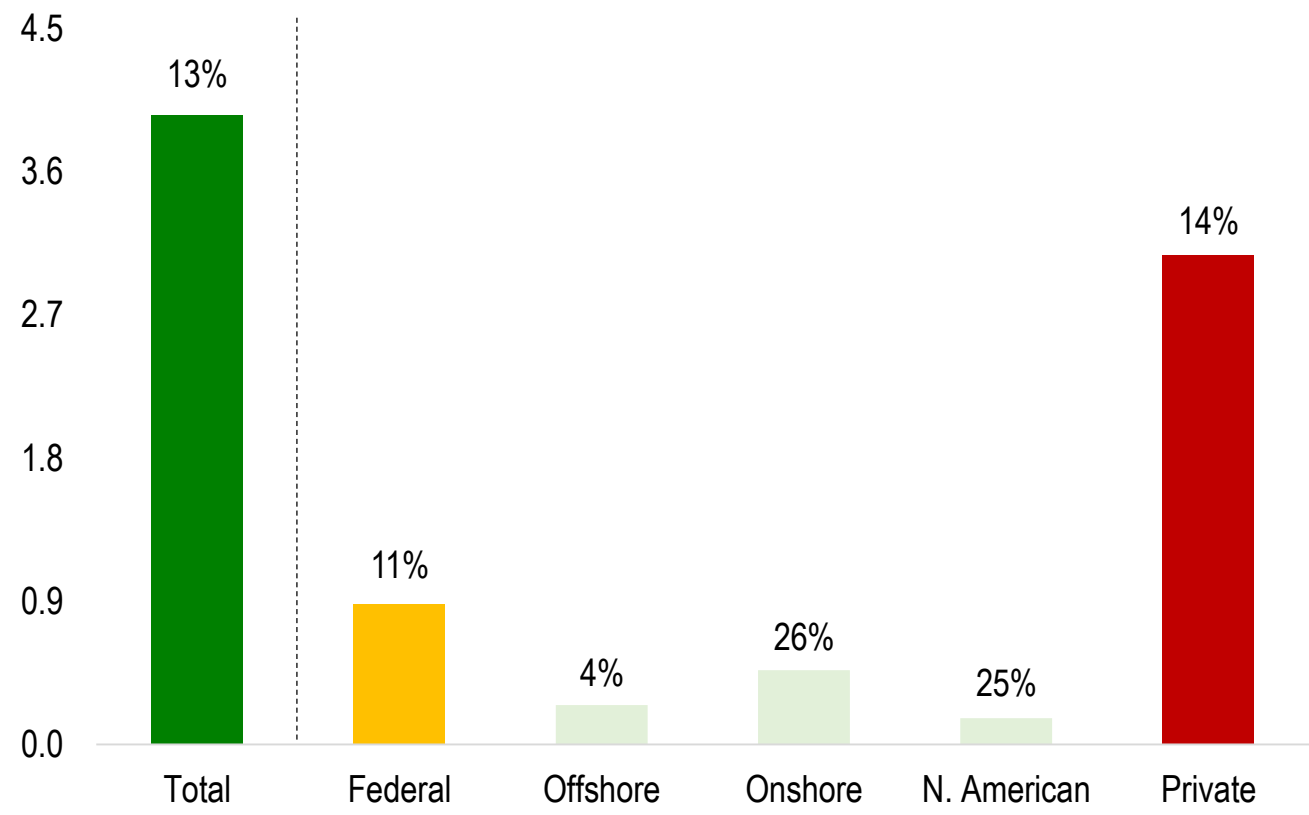


- New leases to O&G firms are much lower than in the 90s;
- During 2017/19, new leases grew 25%, adding 2.7B acres;
- Yet producing acres only grew 0.7%, with most of the acreage kept unused by oil firms;
- In Alaska, leased acres grew 250%, but less than 4% have been put into production.
- Most permits are held by oil majors and concentrated / integrated O&G companies.



# Yet 80% of output growth came from private land

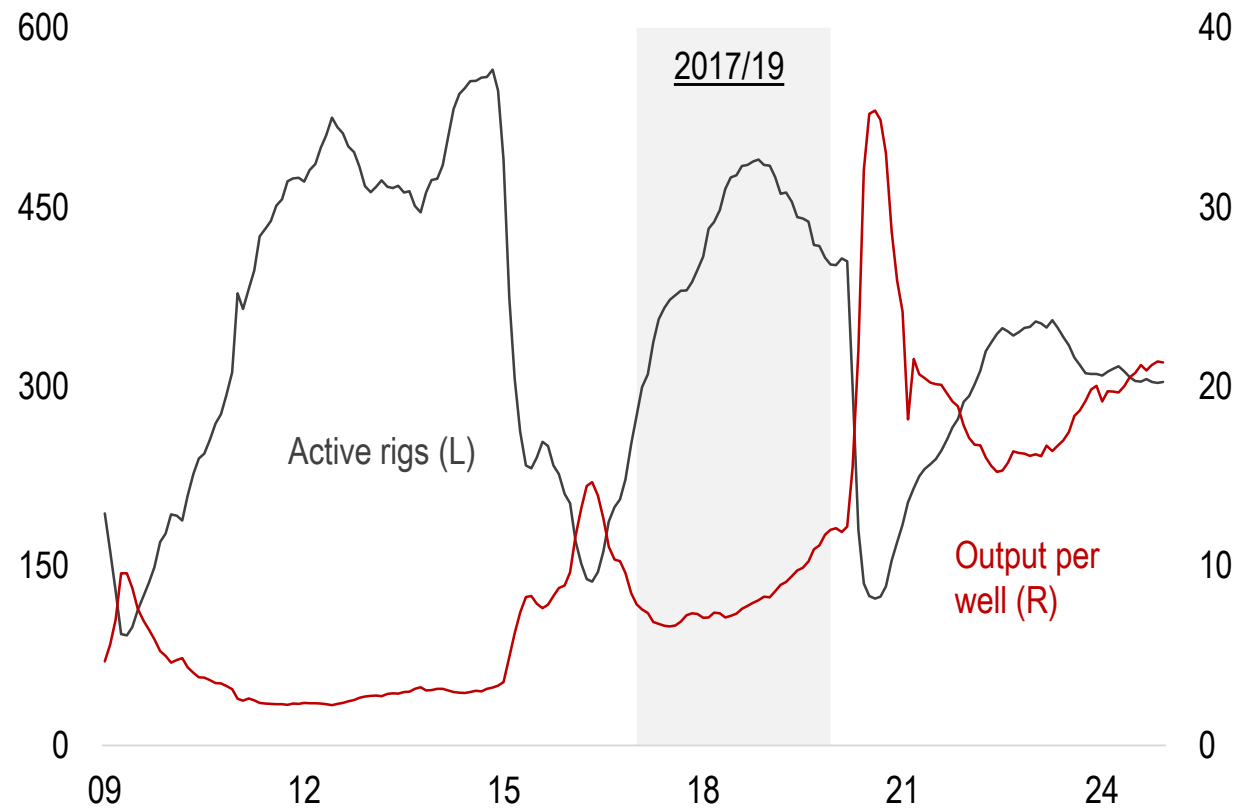
US oil production growth (ex. condensates)  
Change in Mbbl / day and CAGR – 2017/19



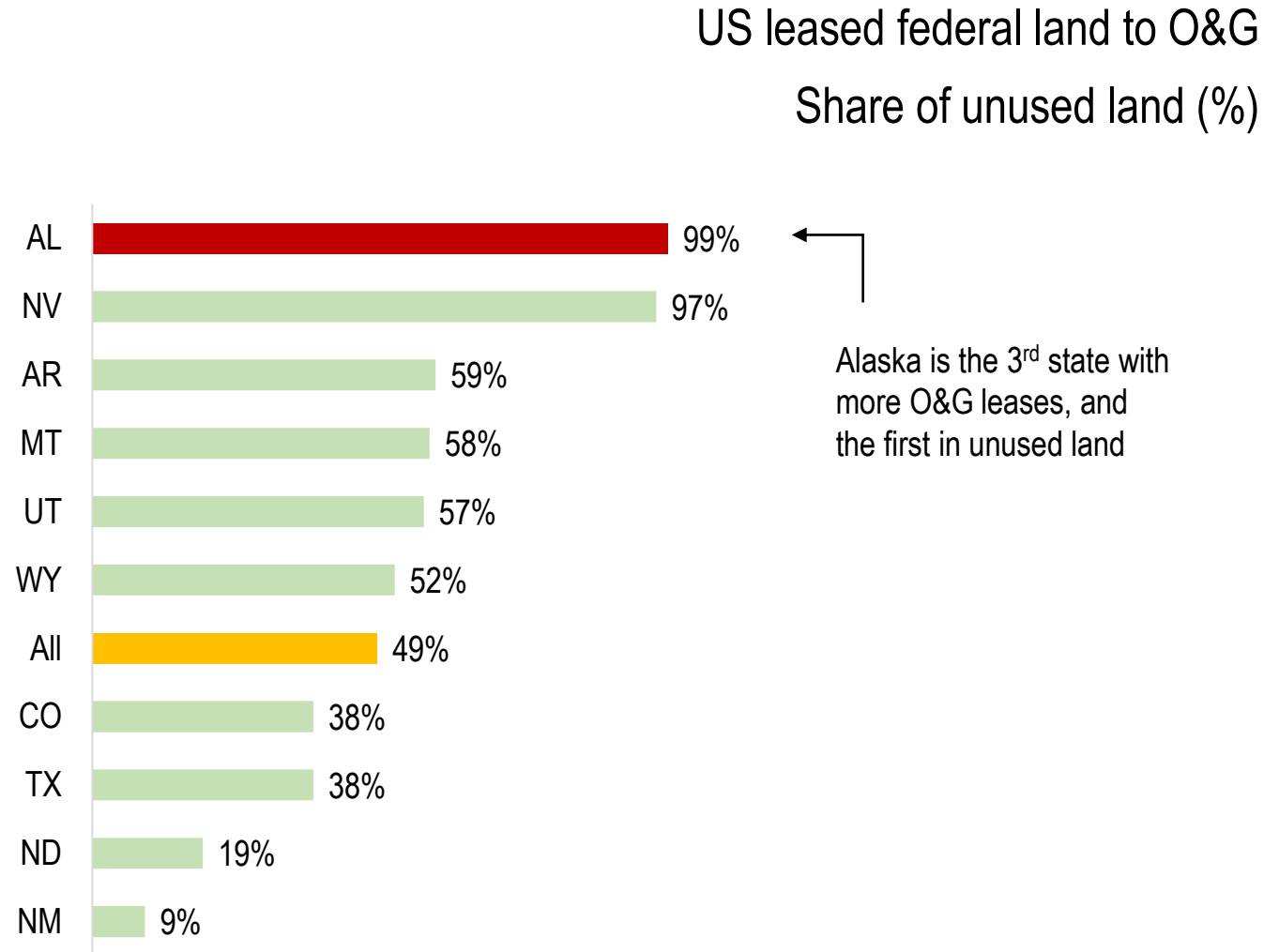
Source: EIA, BLM; Numera calculations

# Propelled by a sharp increase in shale rig counts

Permian crude oil production  
Active rigs and output per well

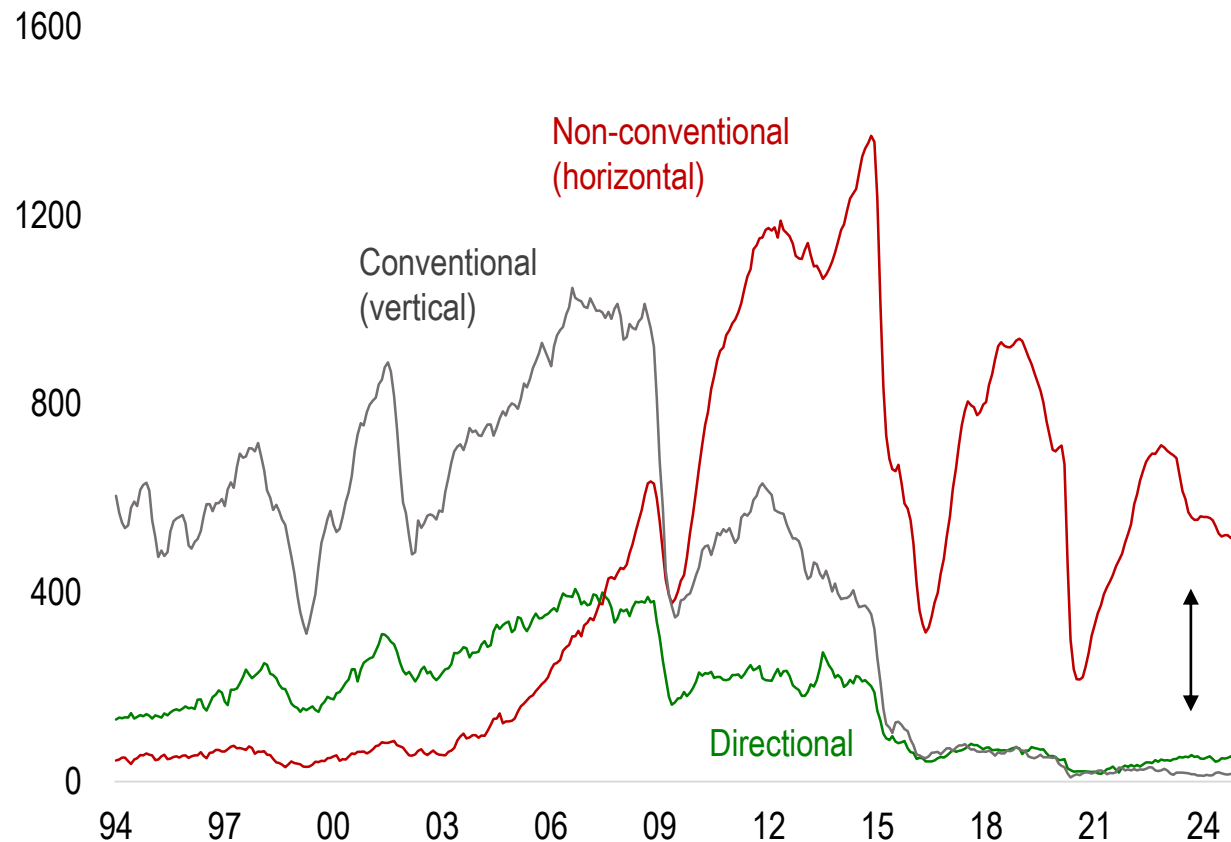


# There is already a lot of unused Federal land

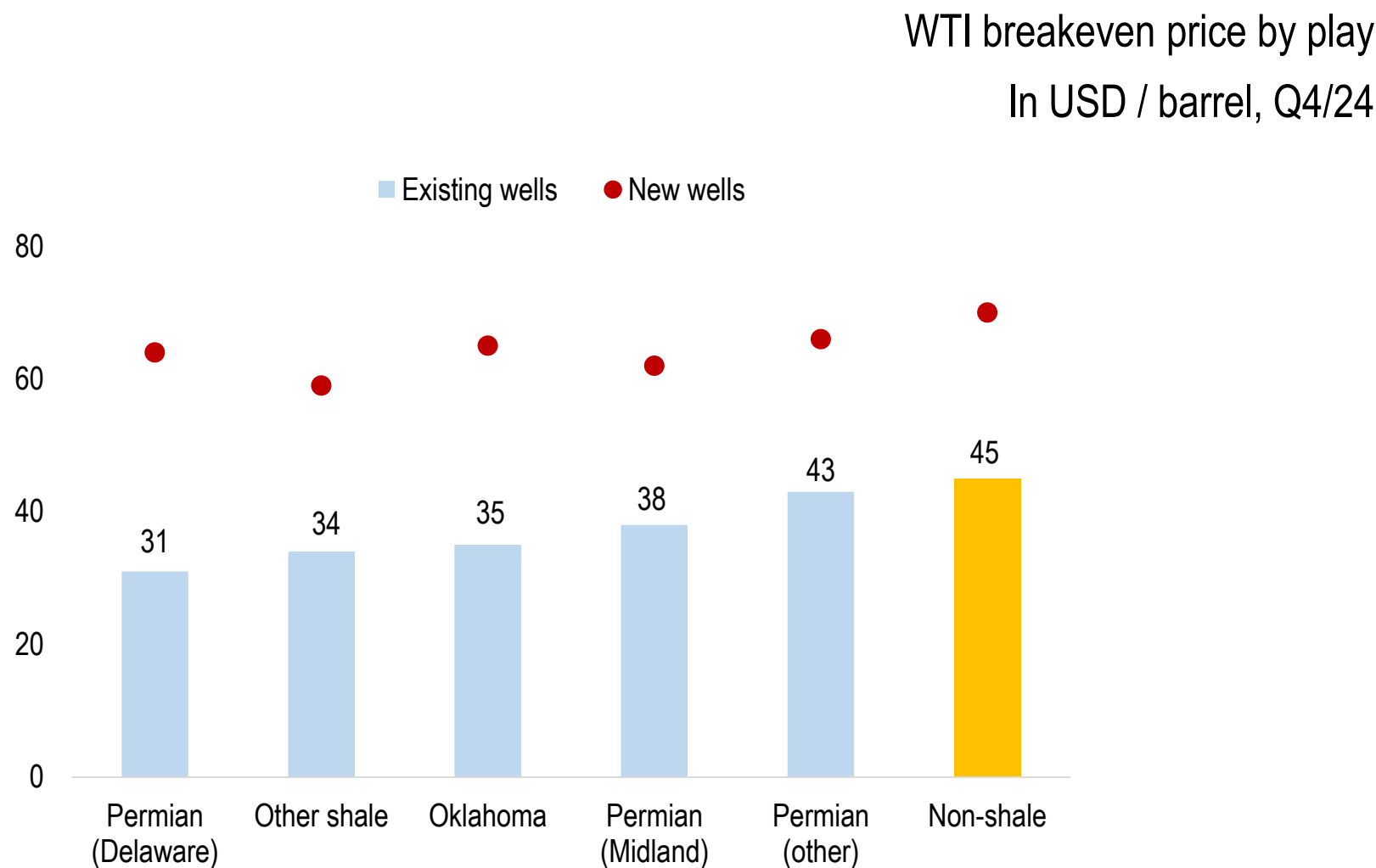


# As E&P firms prioritize non-conventional drilling

US oil rigs by trajectory  
Number of rotary rigs

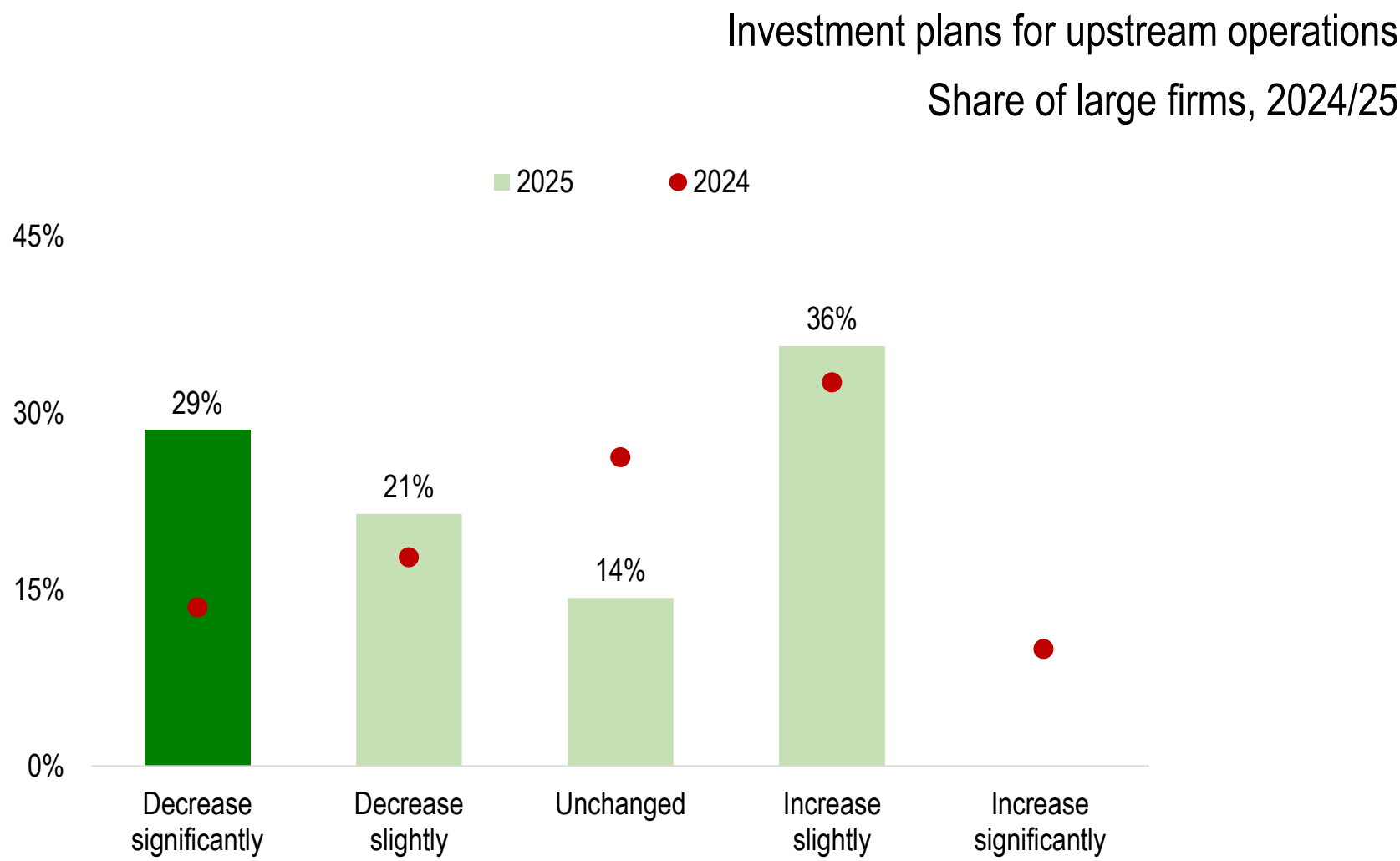


# Owing to shale's considerably lower drilling costs



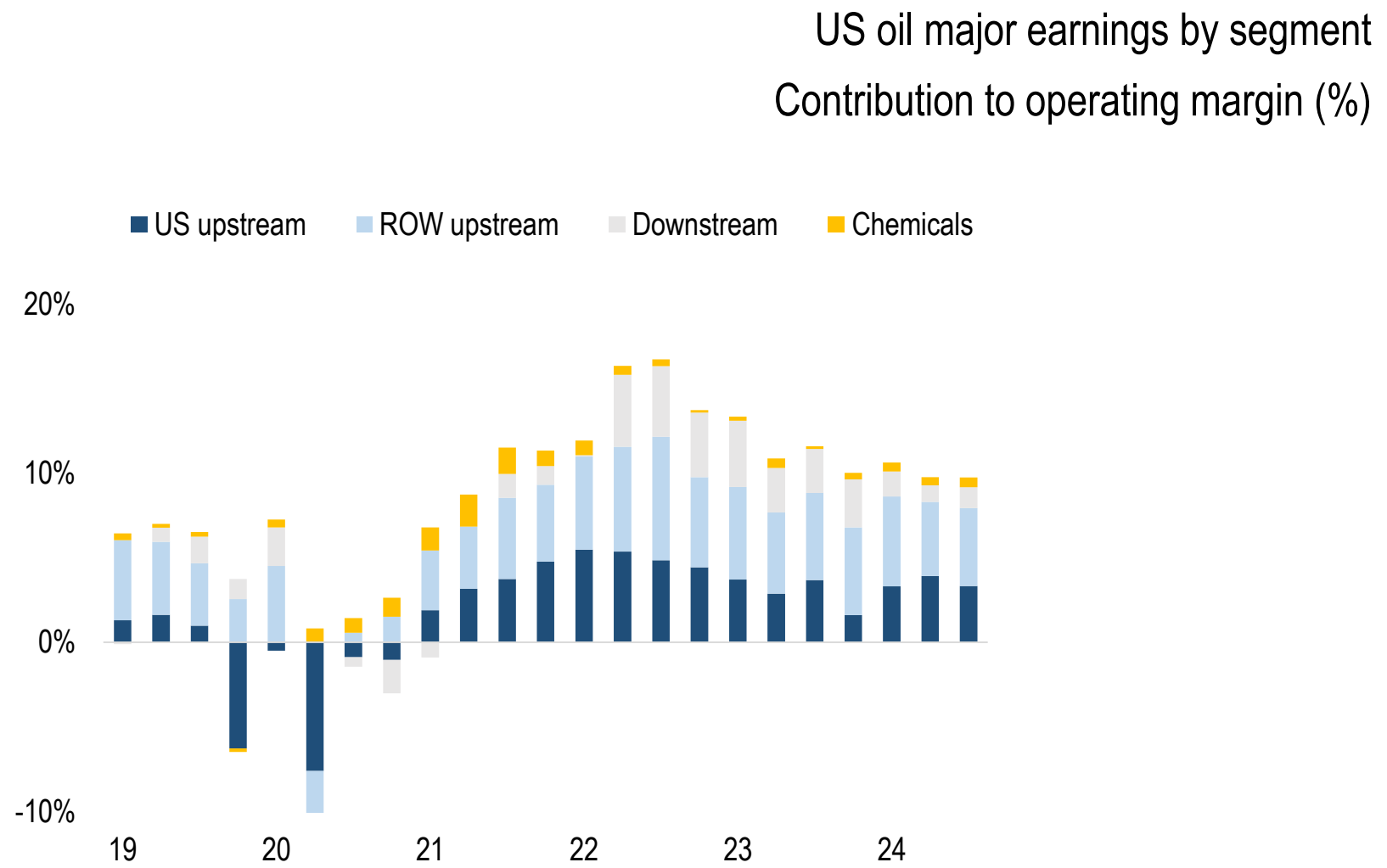
Source: Dallas Fed; Numera calculations

# Leaseholders are planning on *reducing* CAPEX



Source: Dallas Fed Energy Survey (Q4/24)

# As majors looking to preserve upstream margins



Source: Numera calculations on 10Q filings

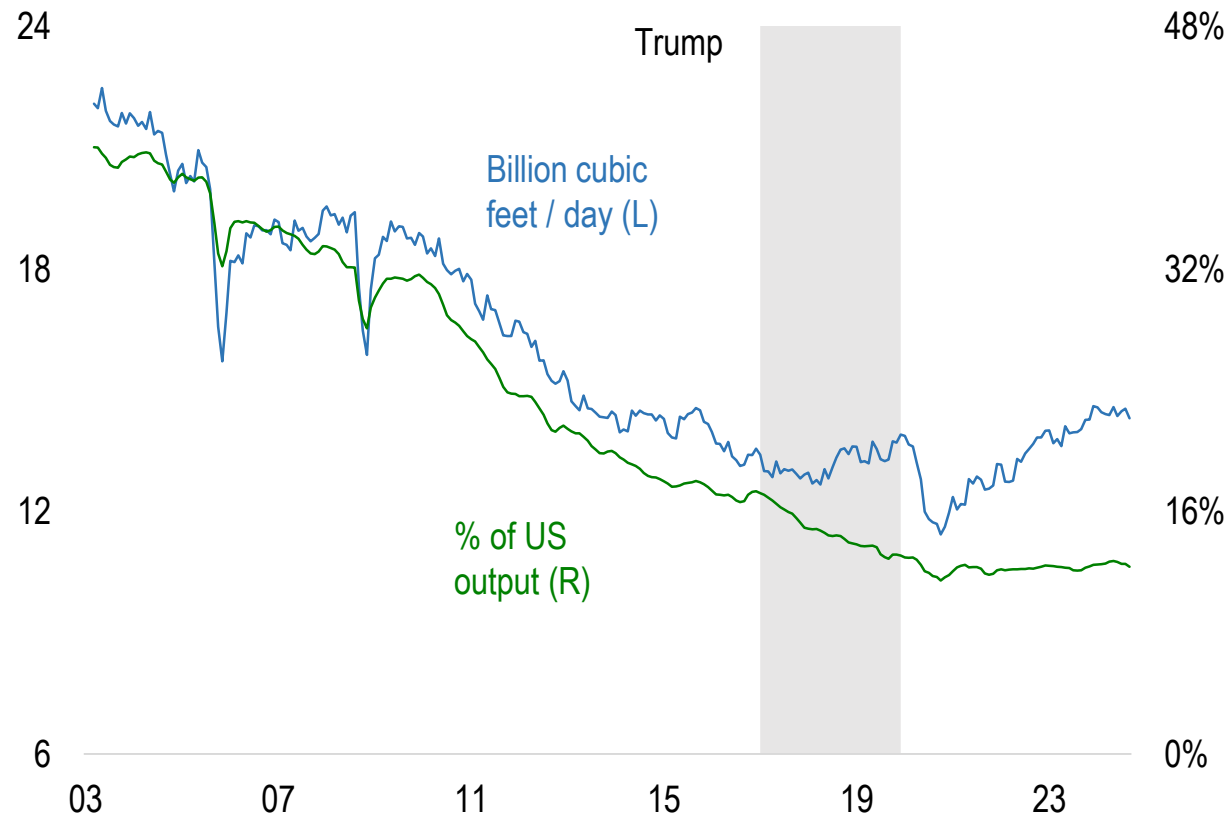
# How will policy changes affect gas production?

- Leasing in federal land matters less for dry gas production than it does for crude oil. Greater lease issuance during Trump's first term had only a modest impact on production in federal lands, with firms favouring non-conventional plays.
- The key policy change for gas is the renewal of LNG export licenses, which had been suspended by the Biden administration in early 2024. LNG export approval should help *tighten* the domestic market by removing excess supply.
- One potential headwind for gas producers are the 15% tariffs imposed by China on US LNG in response to the 10% duties on CN goods levied this month.
- China is a small export market for US LNG. However, the trade conflict could compromise the buildout of close to 20 LNG projects in the US by CN firms.

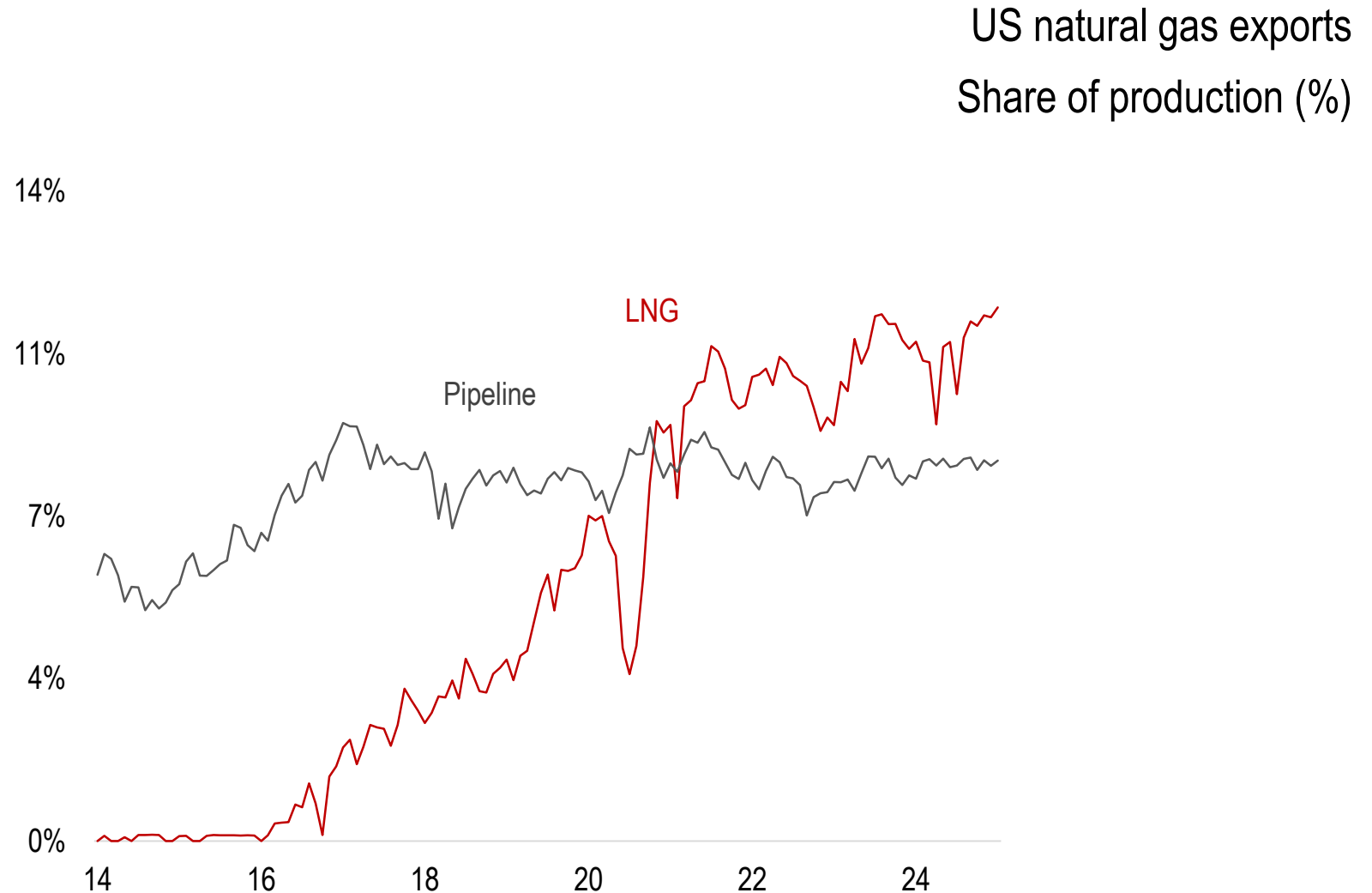


# Federal leasing matters less for gas production

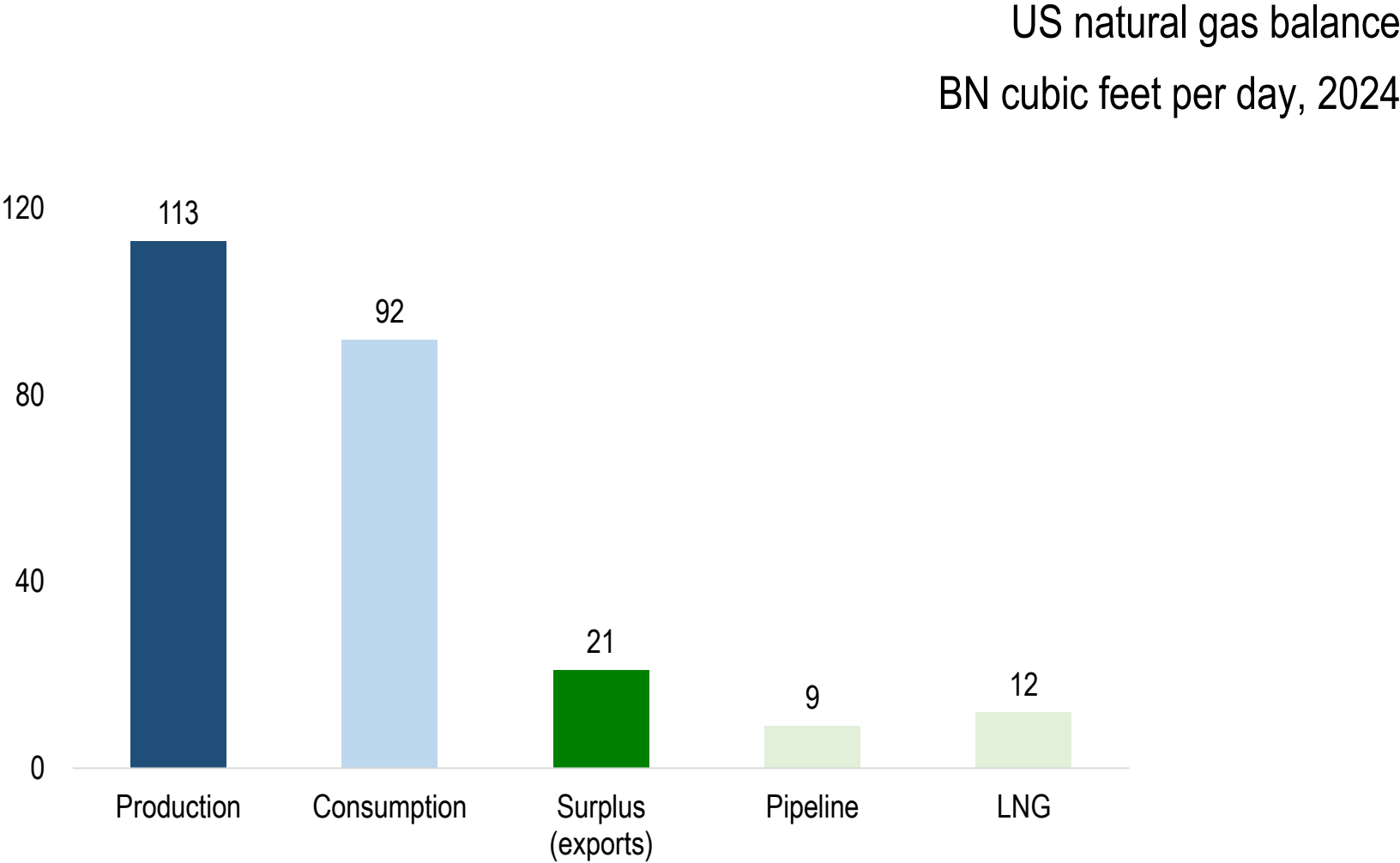
Dry natural gas in Federal Land  
Production and share of output



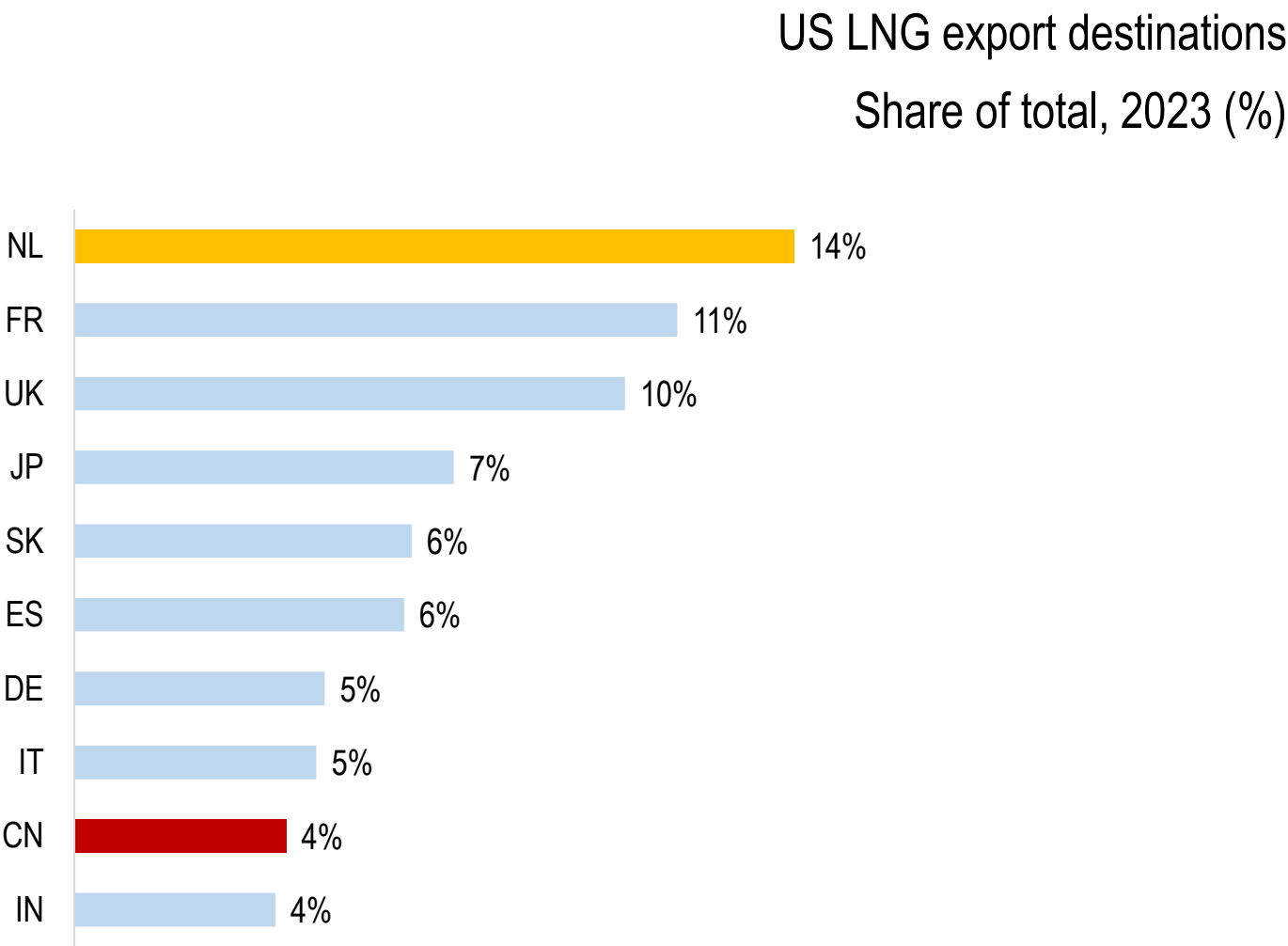
# Key change is renewal of LNG export licenses



# As freeing up licenses reduces domestic surplus



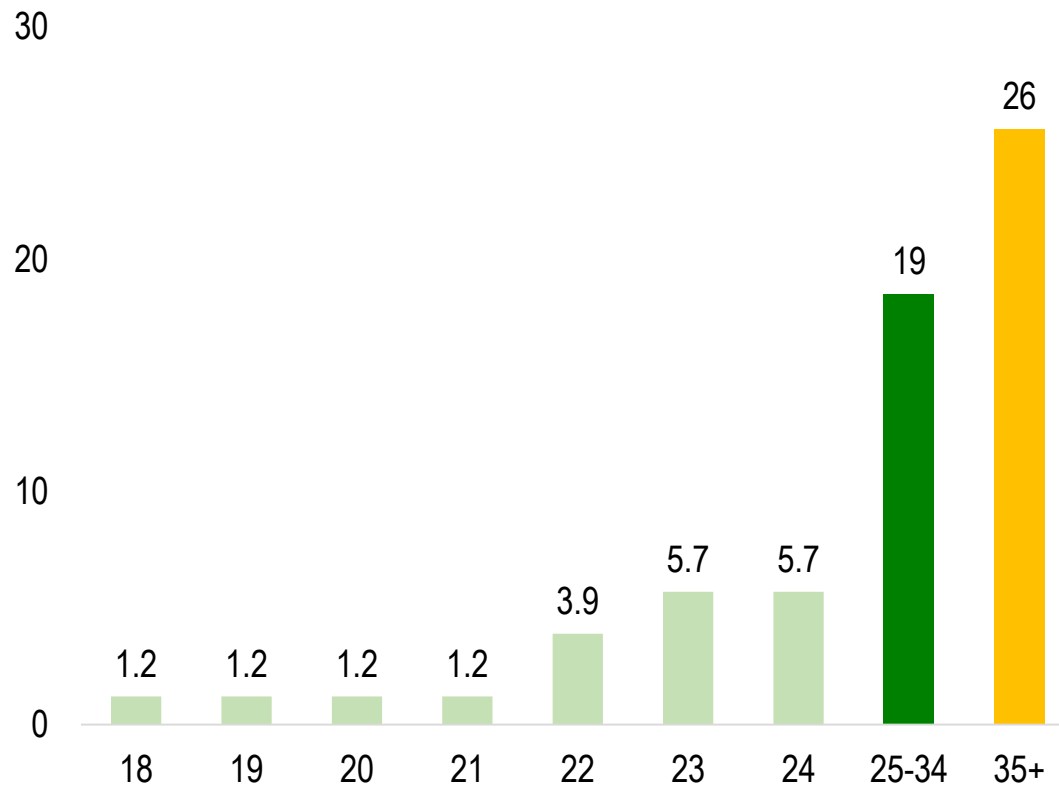
# China retaliation does not endanger LNG exports



# But conflict does threaten planned LNG projects

LNG volumes tied to long term contracts

Estimated capacity (MTPA)



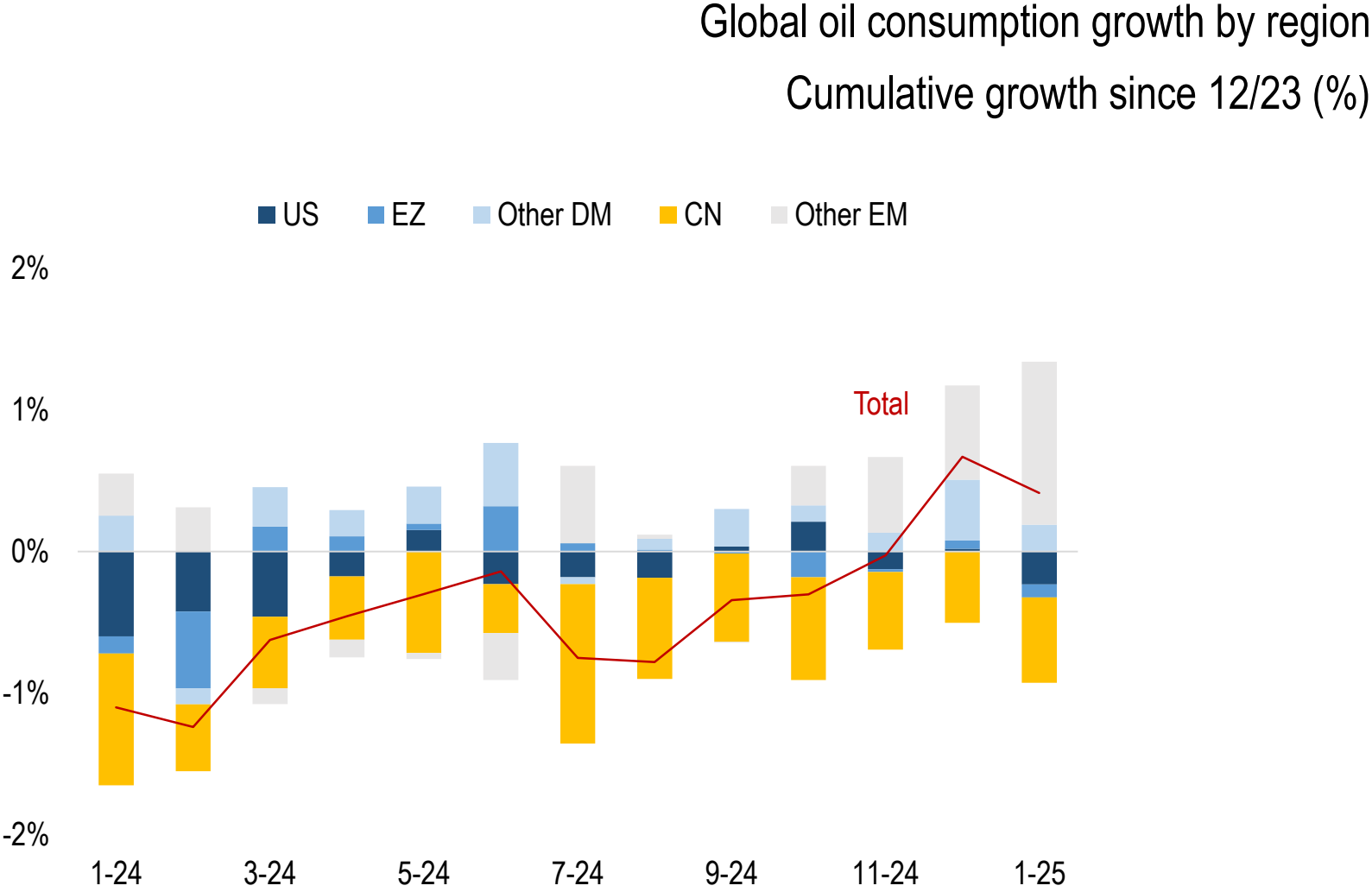
- China levied 15% duties on US LNG imports following the imposition of 10% US tariffs on all CN goods;
- Tariffs should have no major impact on gas production today, as China is a fairly small export market;
- However, the brewing trade conflict does compromise close to 20 LNG projects by CN companies in the US;
- There are currently 19 MTPA of new capacity under construction, and an additional 8M planned LNG projects that may get postponed or canceled.

# 1. Oil market review

# Crude oil prices continue to trade at a discount

- As we anticipated in our Q4 reports, Brent gained nearly \$10 / bbl in late Dec. and mid-Jan. However, prices have now reverted to their H2/24 average.
- A strong US dollar has proved a major drag on prices since October. Still-high inventories and below-trend consumption growth are further limiting factors.
- The late-year rally largely reflected a ramp up in net long positions by traders in response to tariff-related inflation worries, and extended sanctions on RU crude. Tight OPEC supply also helped, by keeping the market in a deficit.
- Global economic uncertainty and duties on Canadian crude have weighed on speculative purchases in recent weeks. As a result, we continue to find that Brent is trading below 'fair' value (which we estimate at \$80-85 / bbl).

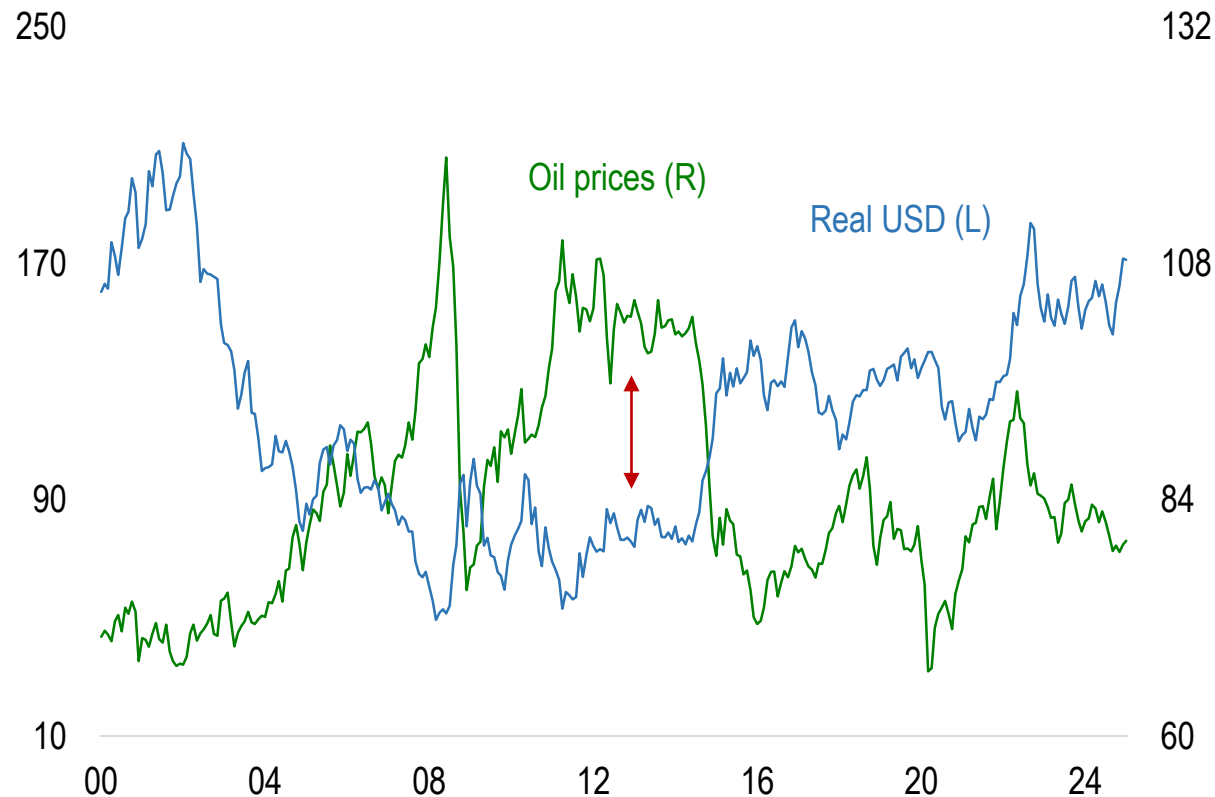
# Demand growth picked up in Q4, but is still weak





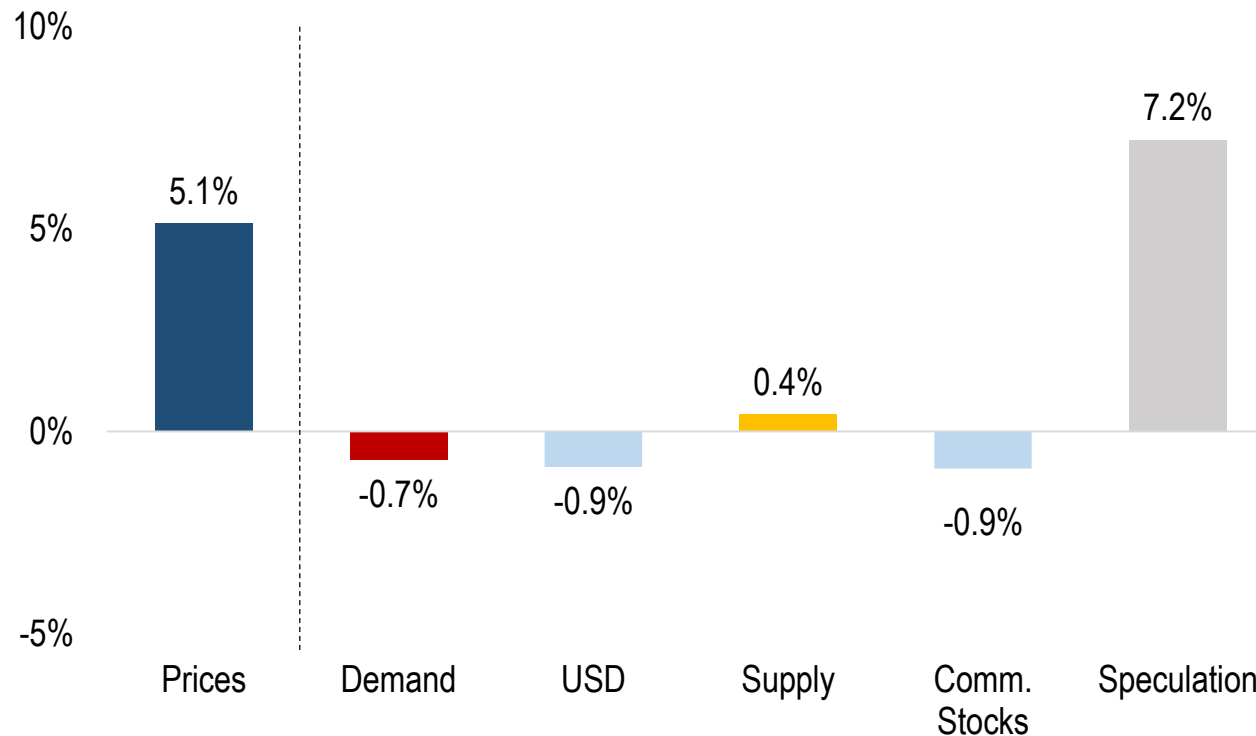
# While a strong dollar keeps weighing on prices

Global oil production growth by region  
Change in Mbbl / day and %, 12M average YoY



# Recent gains reflect stronger investor demand

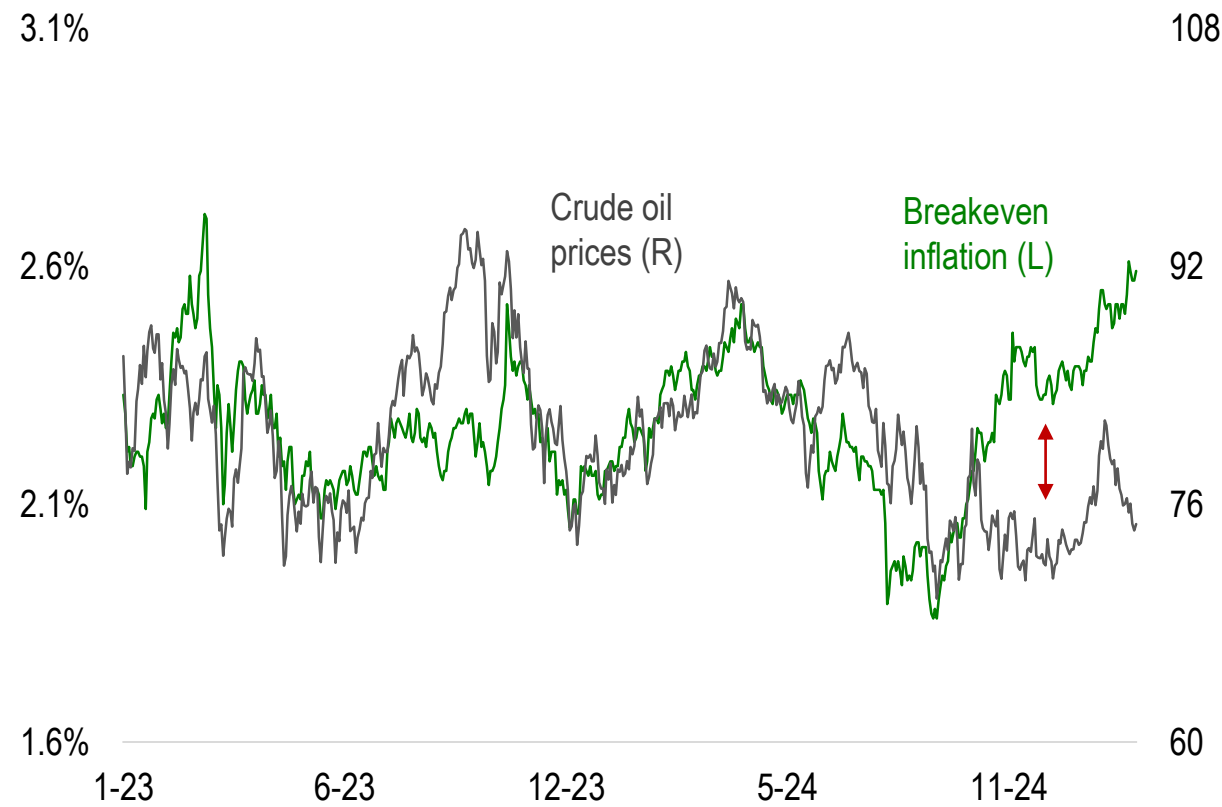
Drivers decomposition – Crude oil prices  
Change in real Brent prices – 11/24 – 01/25



Note: Chart shows the estimated contribution of selected market drivers to the change in real oil prices between October 2024 and January 2025. Speculation proxied by net long positions on Brent futures in the NYMEX.

# As tariff inflation worries drove shift to petro assets

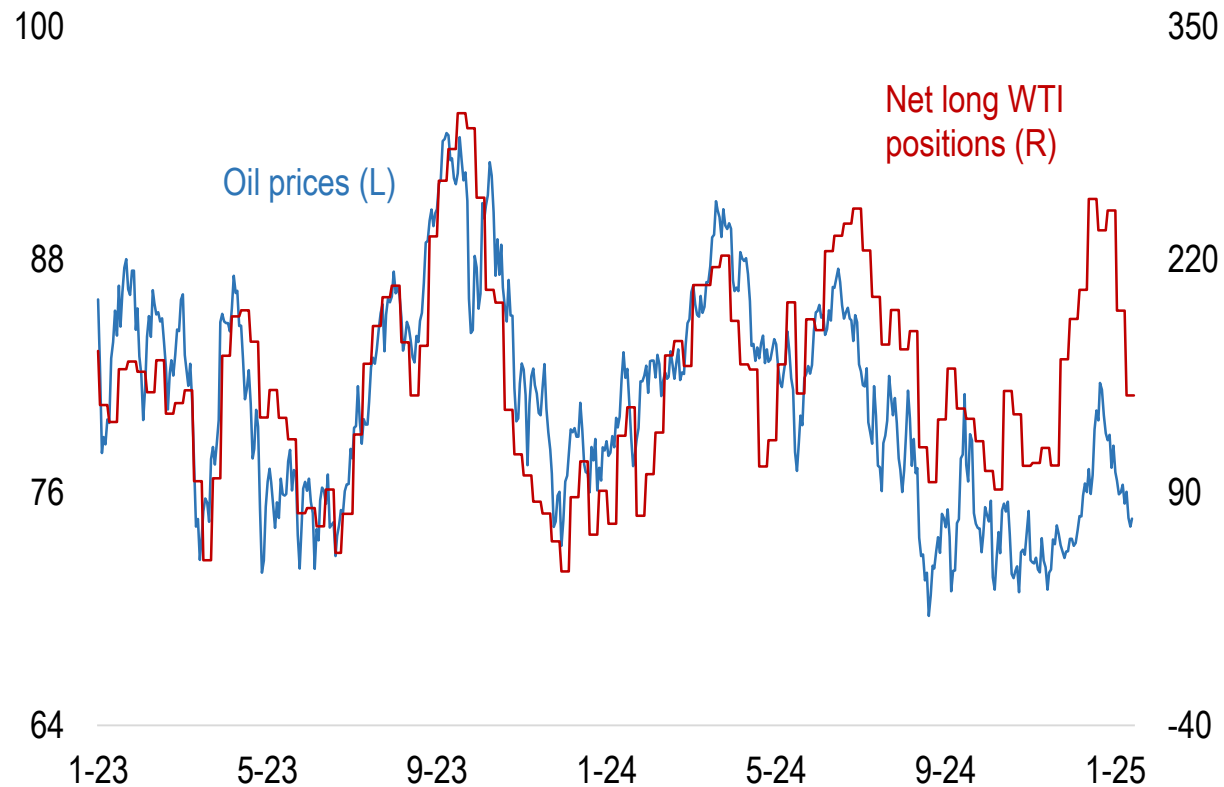
Net long WTI positions vs. oil prices  
'000 contracts and USD / bbl



Source: NYMEX, ICE

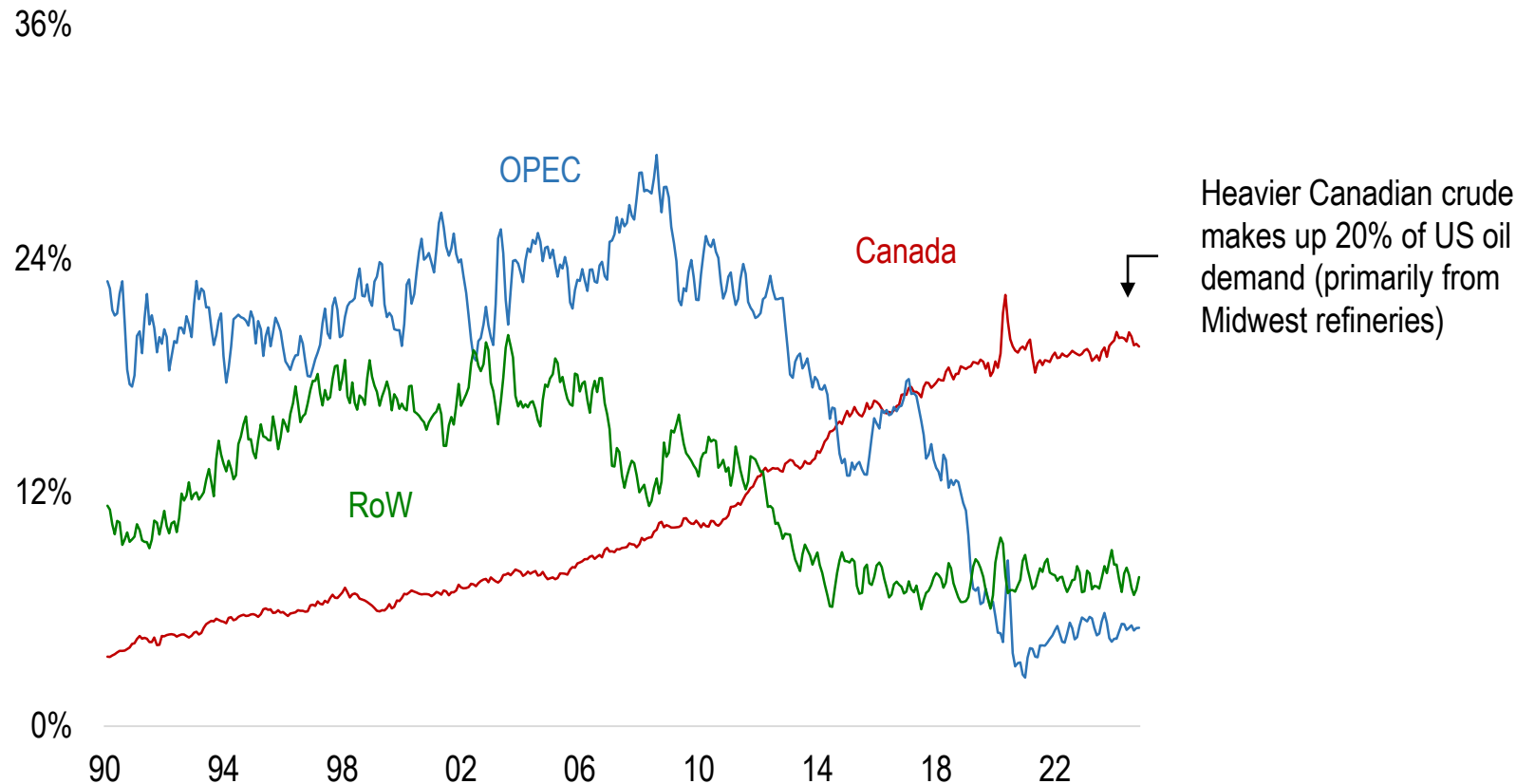
# Yet long oil positions have eased in recent weeks

Net long WTI positions vs. oil prices  
'000 contracts and USD / bbl



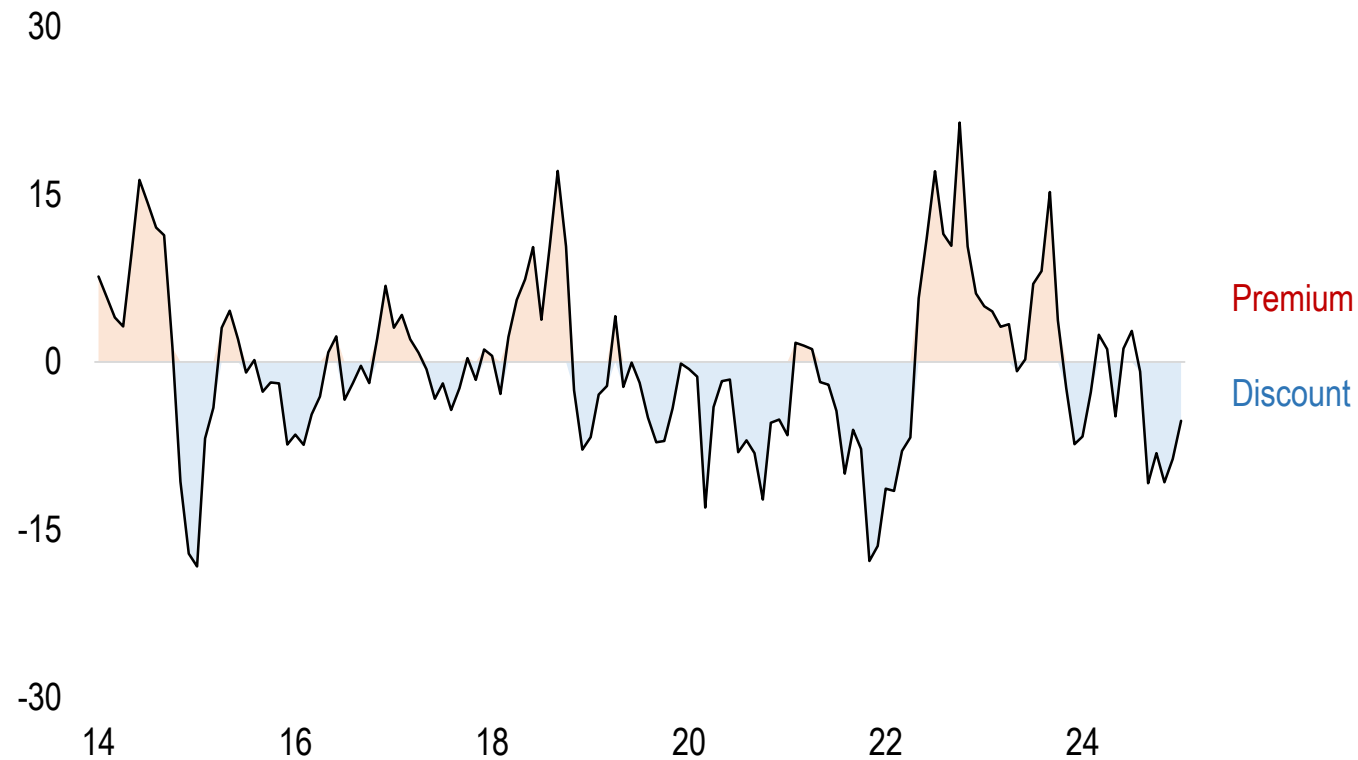
# As duties on CA oil fueled US demand concerns

US crude oil imports by origin  
Share of consumption, SA (%)



# In this context, oil continues to trade at a discount

Crude oil risk premium  
Spot price – 'fair' value



Note: The oil risk premium is the difference between the Brent spot price and its modelled 'fair' (equilibrium) value.  
A positive gap indicates oil is trading at a premium, e.g. due to geopolitical risk.

## 2. Oil market outlook

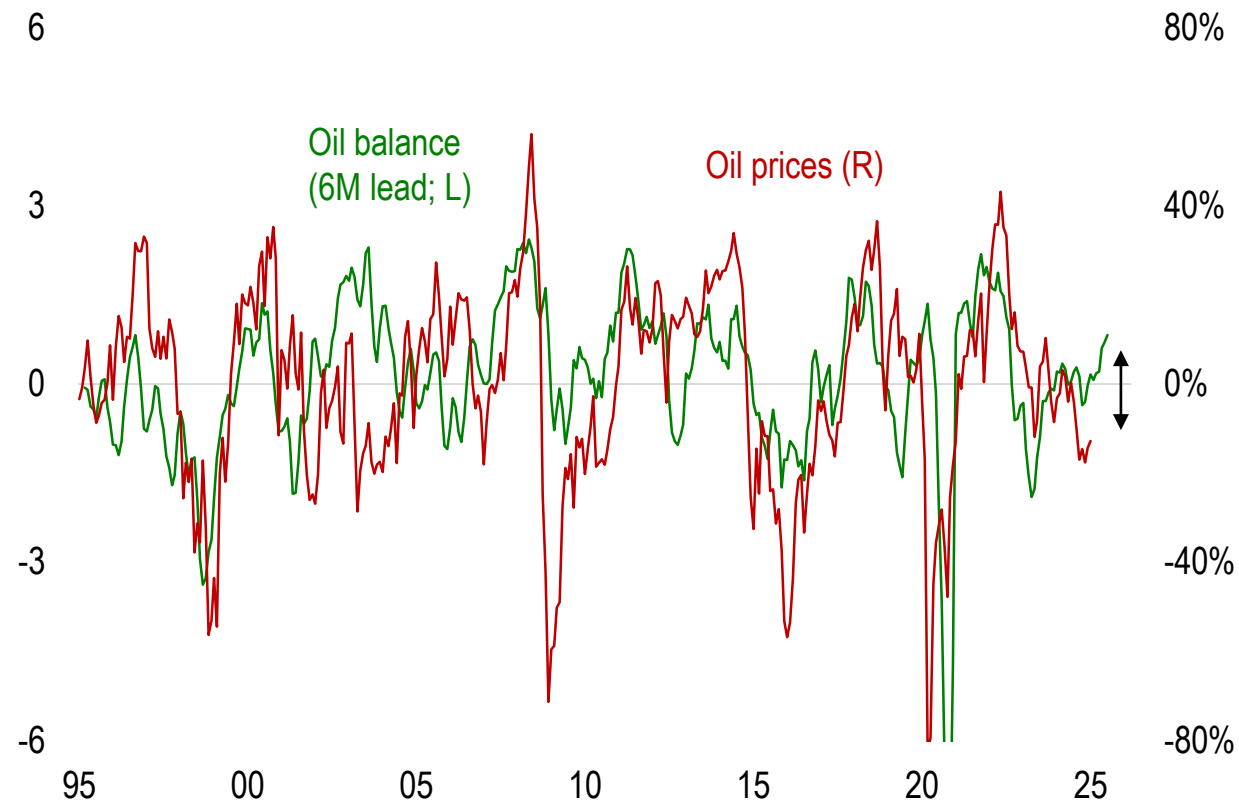
# Outlook remains supportive, even if upside is modest

- A tight market balance improves the risk-reward profile of oil prices in H1/25. Oil should also benefit from its usefulness as an inflation hedge, and from stronger road traffic in China as domestic activity shows signs of improvement.
- Oil supply should pick up this year, but less than what markets expect. Saudi has little incentive to eliminate the oil deficit, while US E&P companies are unlikely to respond to the Trump's administration call for higher production (see above).
- In this context, and despite headwinds posed by a strong US dollar, Brent retains upside, with a 64% probability of higher prices over the next 12M.
- Since the futures curve is backwardated, the likelihood that spot prices exceed 12M futures is higher at 71% - justifying long positions on crude.



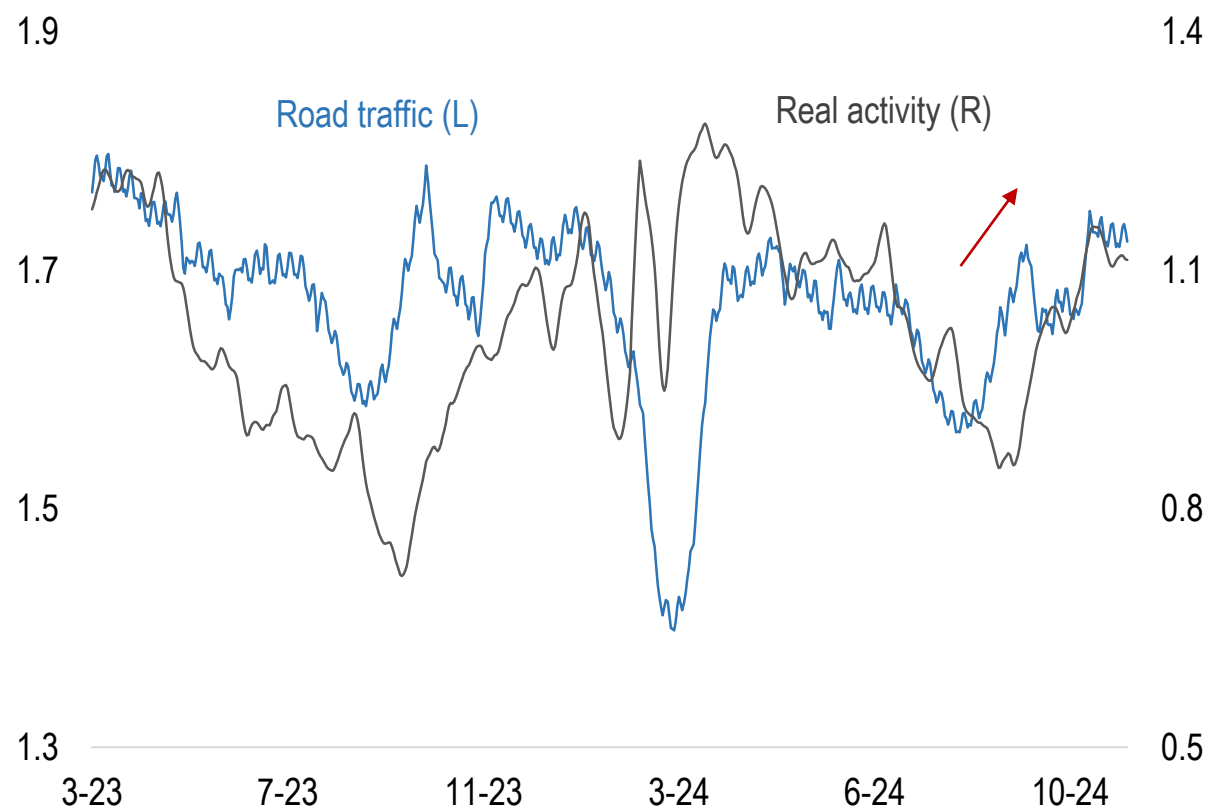
# Tight physical balance limits near-term downside

Real crude oil prices vs. oil balance  
Deviations from trend and Mbbl / day



# Signs of stronger CN activity is also a tailwind

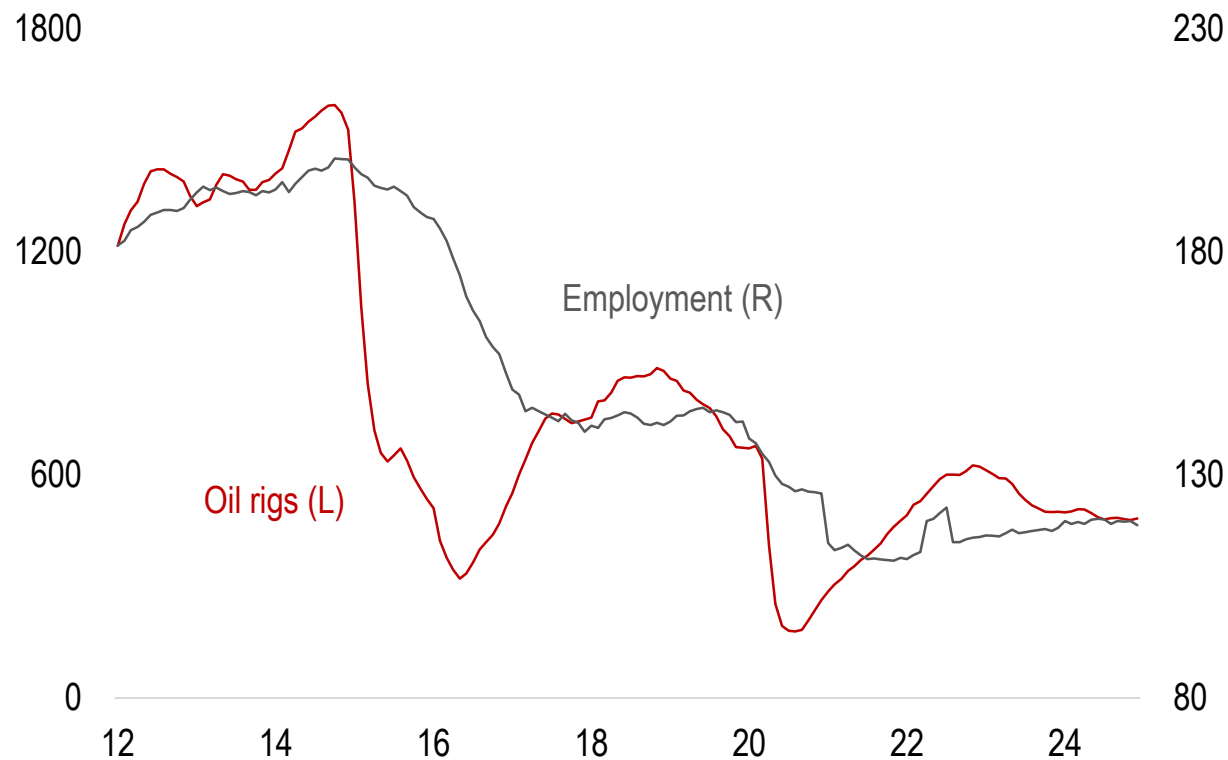
China road traffic vs. real activity index  
Traffic congestion and diffusion indices



Source: China Ministry of Transport, Yicai Research Institute

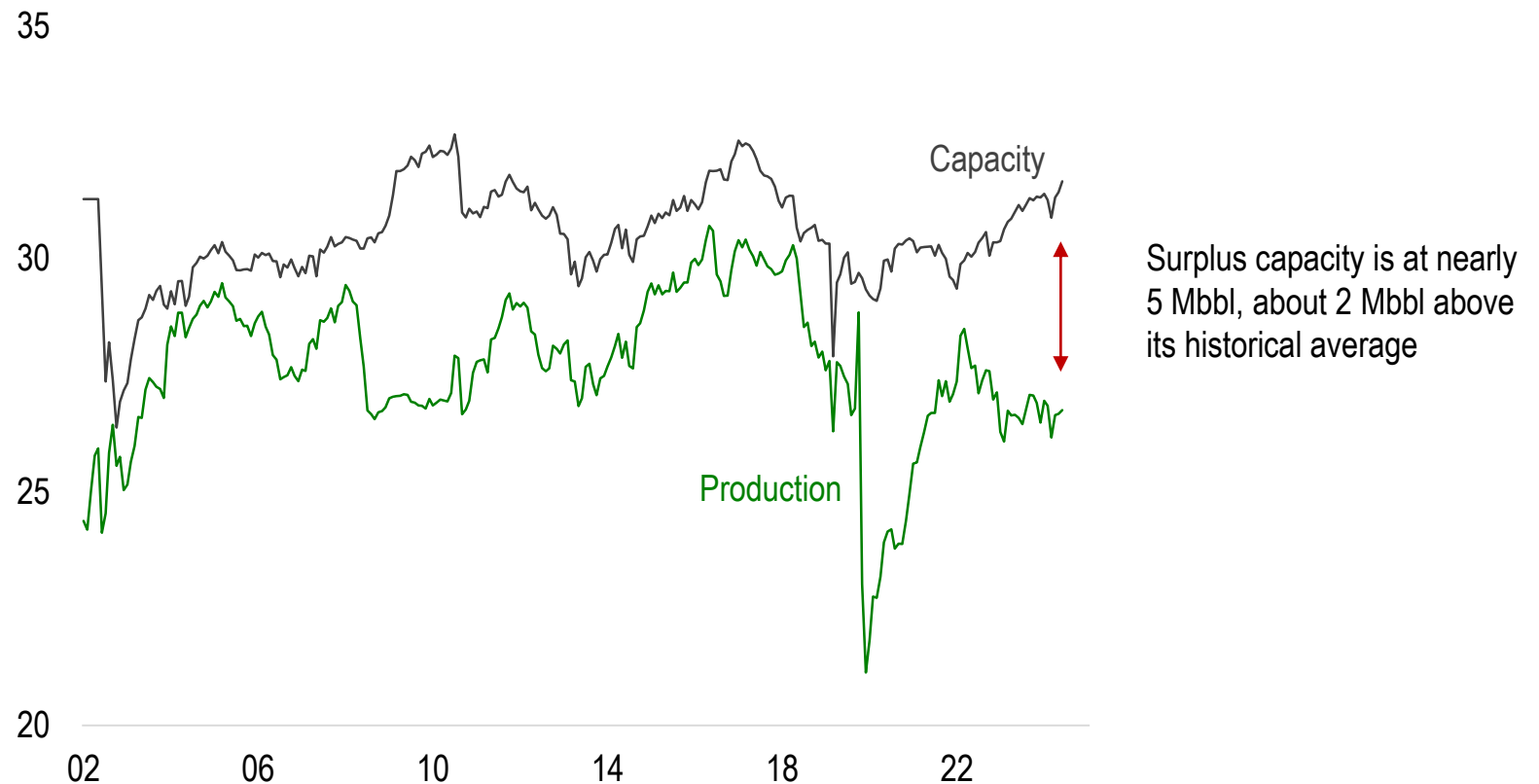
# On the supply side, low US rig count limits growth

US oil rigs and employment in oil and gas fields  
In 000 contracts (SA) and number of rigs



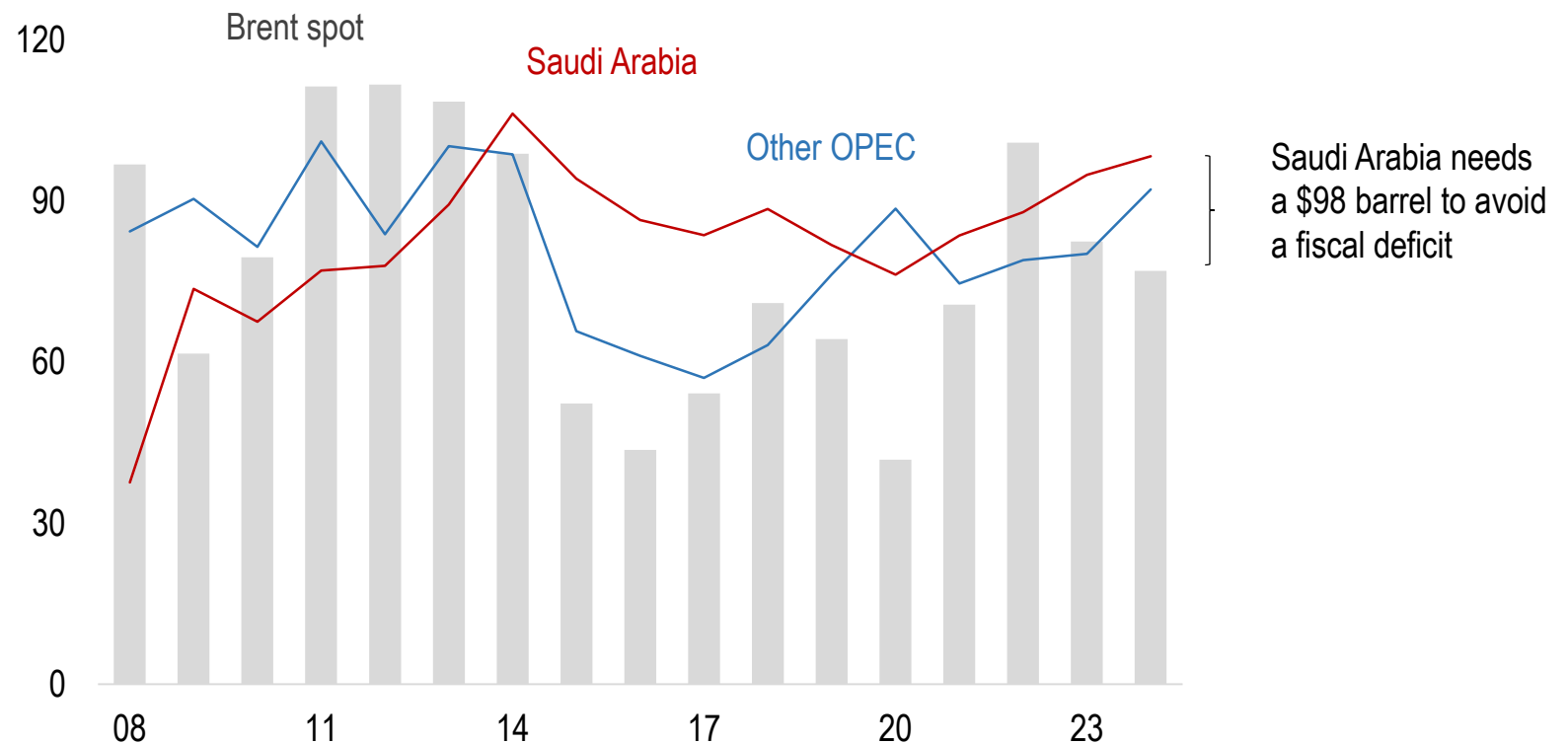
# Excess OPEC capacity arguably the key headwind

OPEC oil production and capacity  
Million barrels per day



# But Saudi lacks incentives to ramp up production

Oil fiscal breakeven vs. spot prices  
US dollars / barrel by country



# As such, we expect oil market deficit to continue

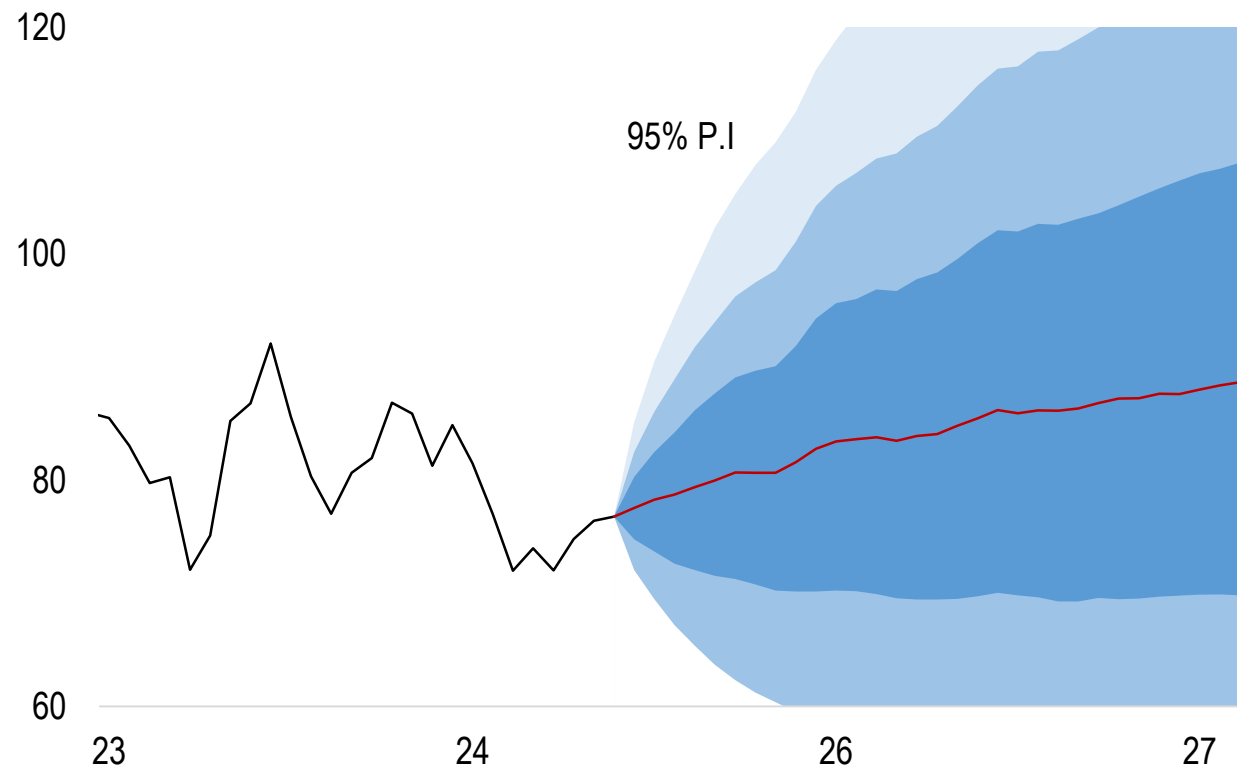
<b>World oil balance</b>	Baseline outlook				2025 probabilities	
Million bbl / day	2023	2024e	2025f	2026f	Tail risk	> 2024
Consumption	<b>101.9</b>	<b>102.7</b>	<b>104.2</b>	<b>104.5</b>	98.9	76%
<i>Growth (%)</i>	2.4%	0.8%	1.4%	0.3%	-3.5%	38%
United States	20.3	20.3	20.6	20.3	18.4	49%
<i>(%)</i>	1.3%	0.1%	1.6%	-1.8%	-8.4%	24%
Production	102.1	102.6	103.3	104.0	111.1	66%
<i>(%)</i>	1.9%	0.5%	0.7%	0.6%	5.1%	53%
OPEC	32.2	32.2	32.5	32.5	37.2	55%
<i>(%)</i>	-2.0%	0.0%	0.9%	-0.1%	8.7%	50%
Surplus (+) / Deficit (-)	0.2M	-0.1M	-0.9M	-0.6M	2.2M	-

Note: Tail risk consumption presents the 5 percentile while tail risk production represents the 95 percentile.

# Allowing Brent to revert to the \$80-85 / bbl range

Brent price outlook and forward curve

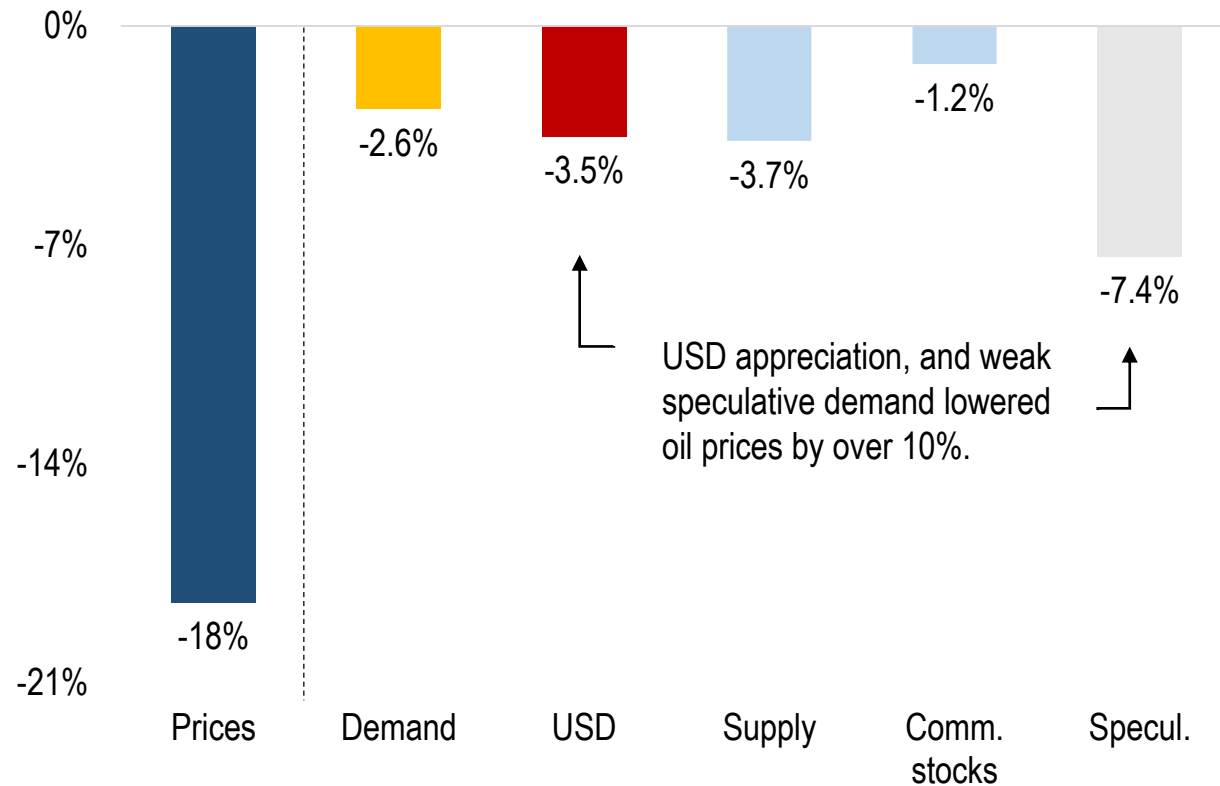
USD / bbl – 2024/27



Note: Fan chart denotes 50 / 80 / 95% prediction intervals.

# Even if a strong dollar, potential tariffs limit upside

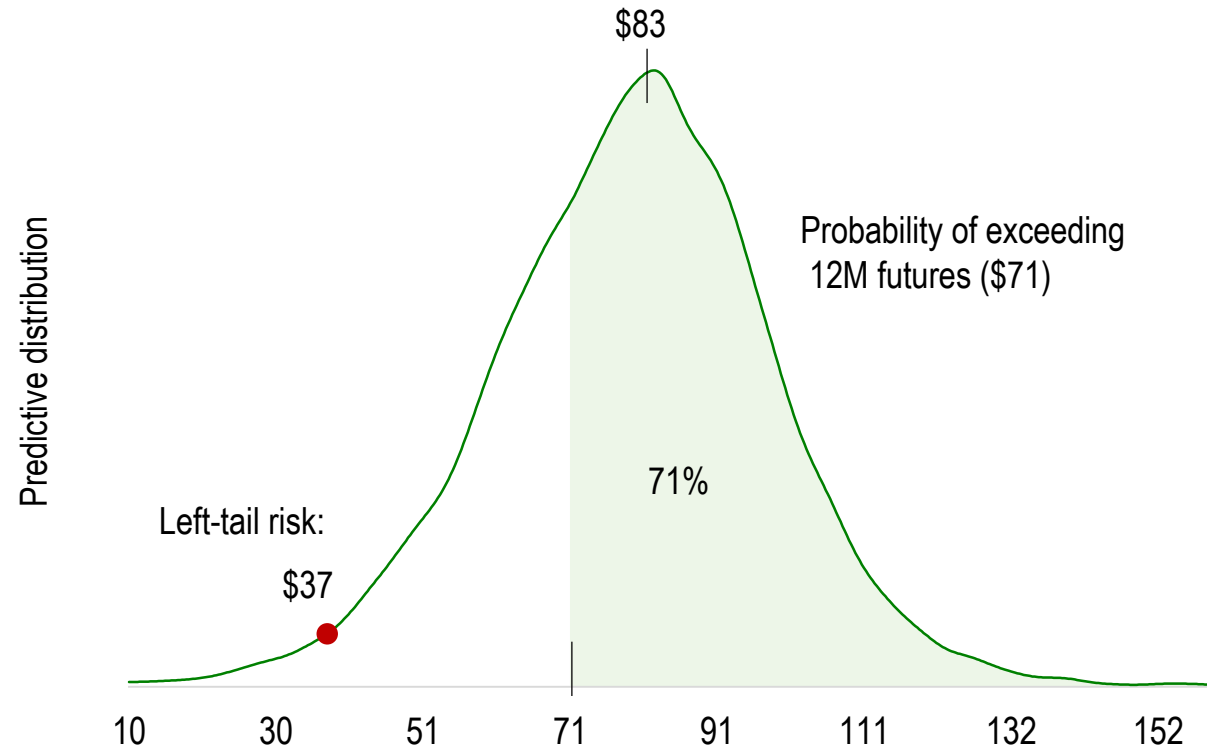
Drivers decomposition – Crude oil prices  
Change in prices during 2018/19 Trade War





# Backwarddated futures justifies long positions

Brent price outlook (USD / bbl)  
12M probability forecast



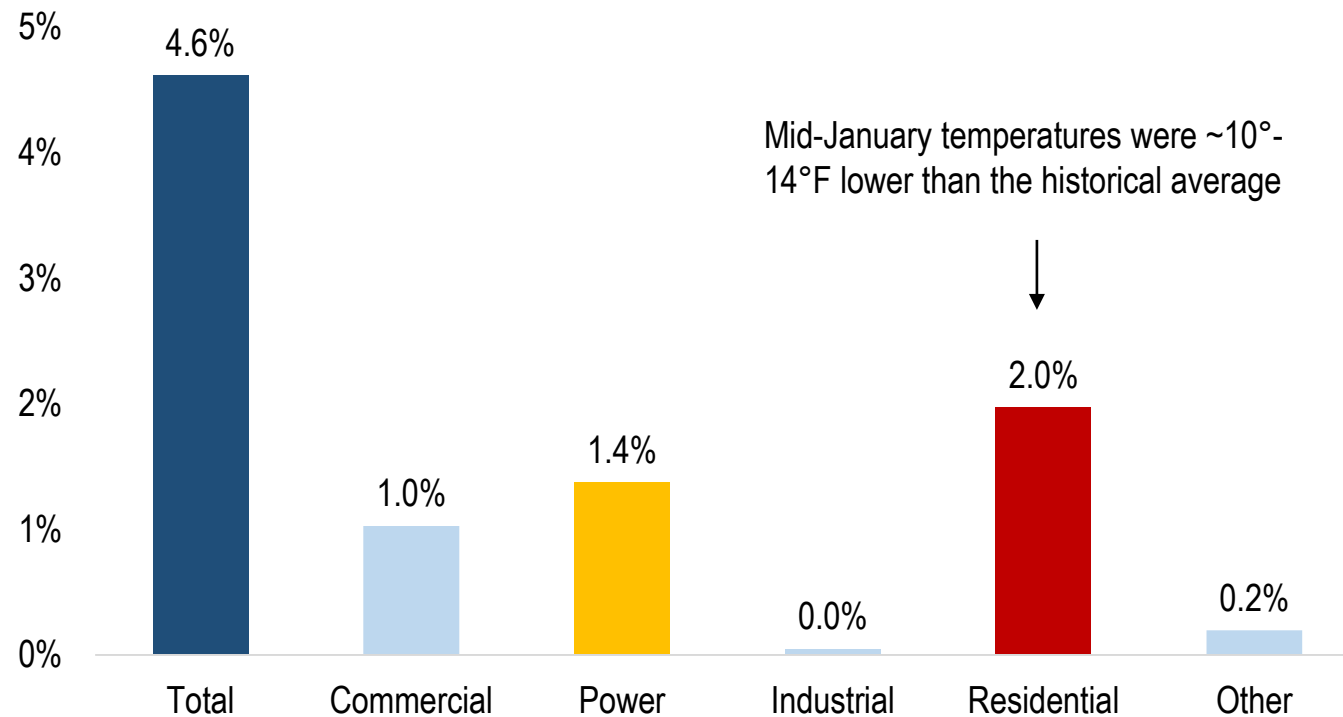
### 3. US natural gas

# Does Henry Hub's winter rally still have legs?

- Colder-than-usual temperatures has caused residential demand to surge at the start of the year, supporting total demand and driving down inventories.
- Gas availability has also decreased in response to weak domestic production and (to a lesser extent) and increase in pipeline exports. We find that market fundamentals explain around two-thirds of the 30% jump in prices since Q3.
- The tighter balance has lifted the estimated 'fair' value to around \$3 / MMBtu. While speculative purchases cap the overall upside, we expect prices to trade above \$3.5 in 2025, in line with the Henry Hub forward curve.
- Two important sources of support is a likely pick-up in industrial activity (as signaled by rising new orders) and persistent declines in O&G rig counts.

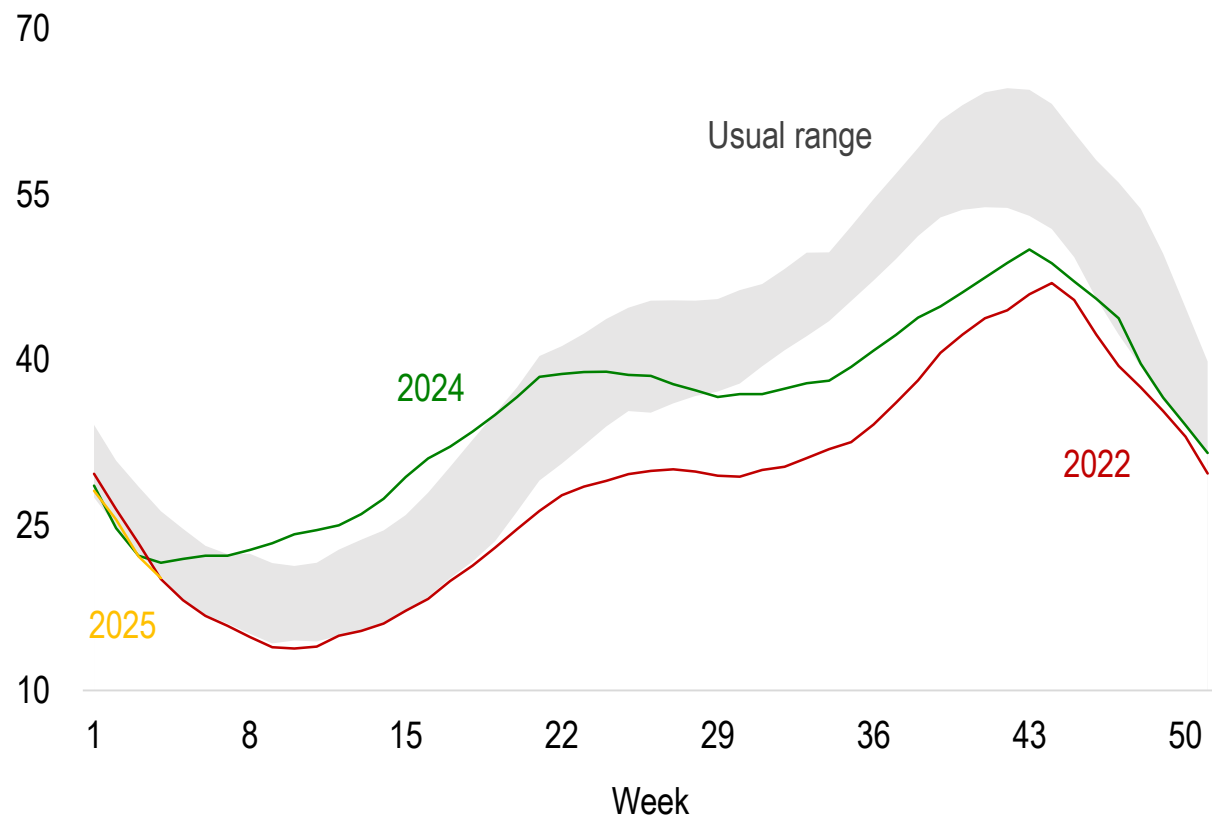
# Colder-than-usual temperatures have lifted demand

US natural gas consumption by sector  
Contribution to growth since 11/24, SA (%)

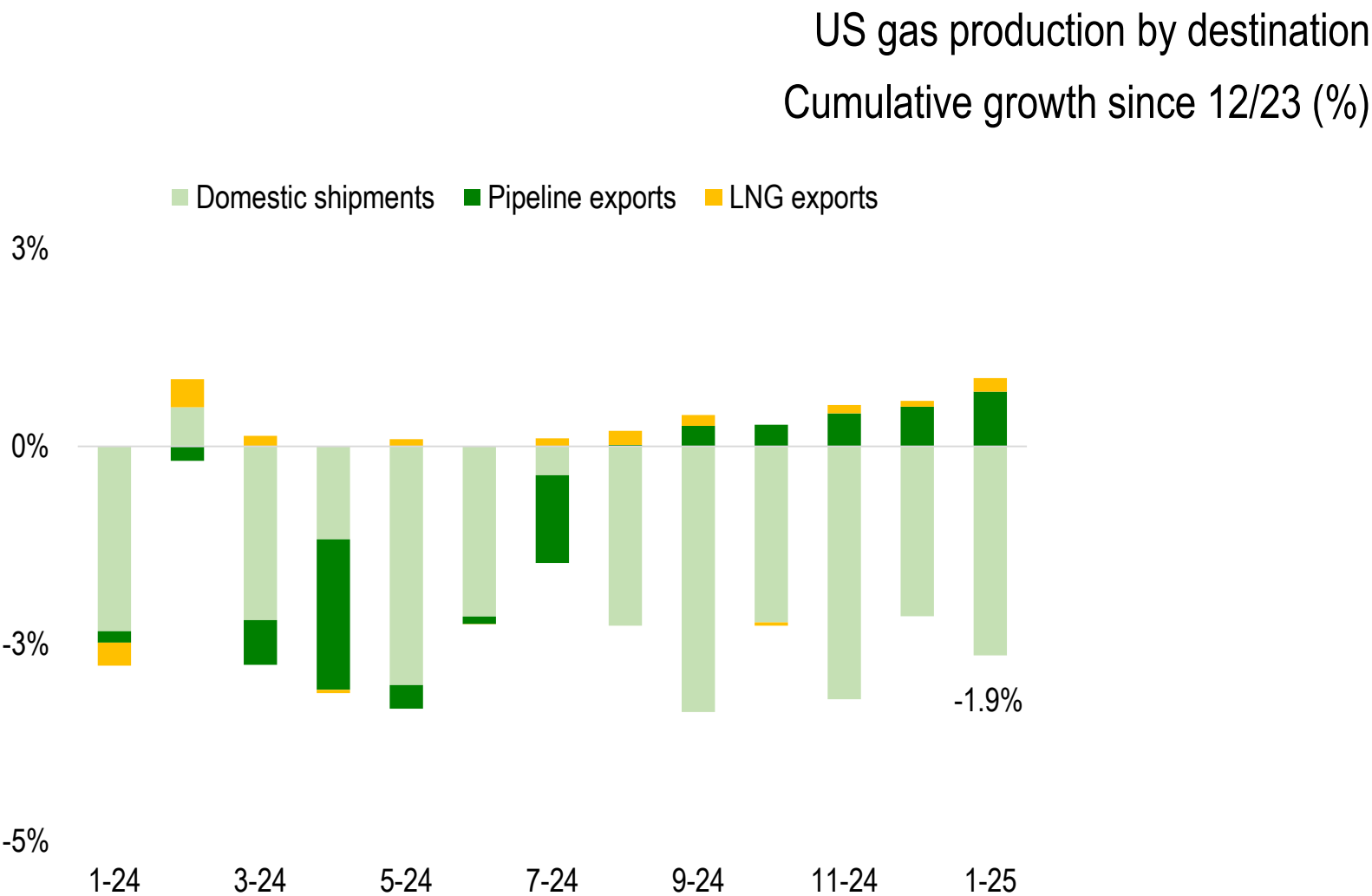


# Pushing inventory DOS below their usual range

US natural gas days of supply  
Underground stocks / deliveries

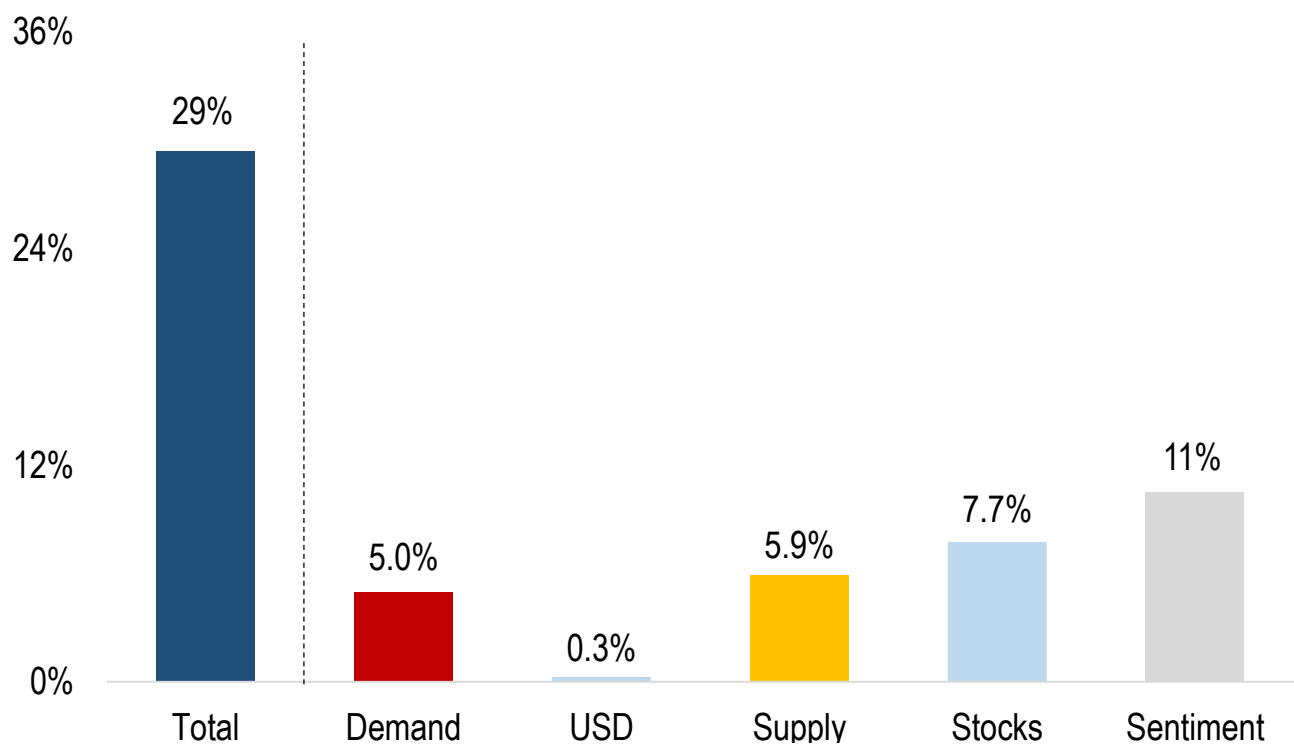


# Tight production also holding down inventories



# Fundamental gains amplified by bullish sentiment

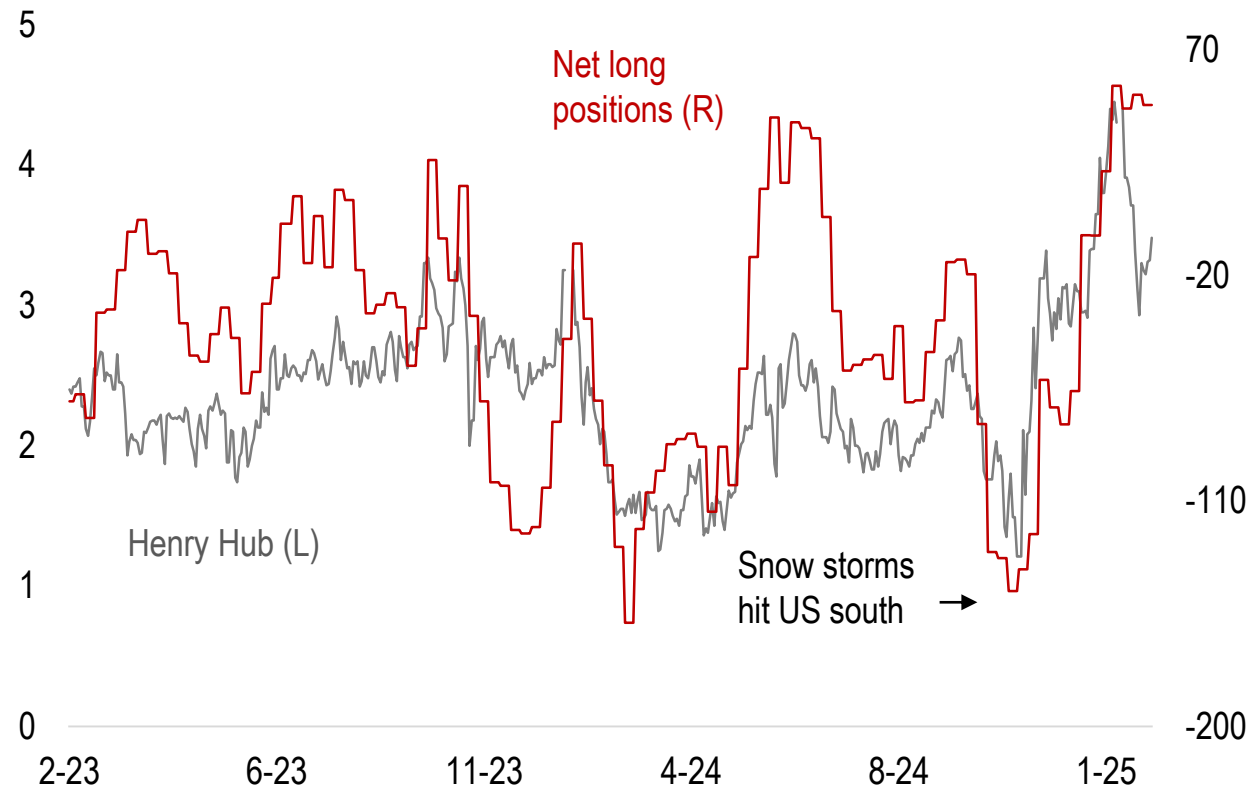
Drivers decomposition – US natural gas prices  
Change in real Henry Hub prices – last 6M



Note: Chart shows the estimated contribution of selected market drivers to the change in real natural gas prices since September 2024. Sentiment proxied by net long positions on Henry Hub by US money managers.

# As captured by a surge in net long positions

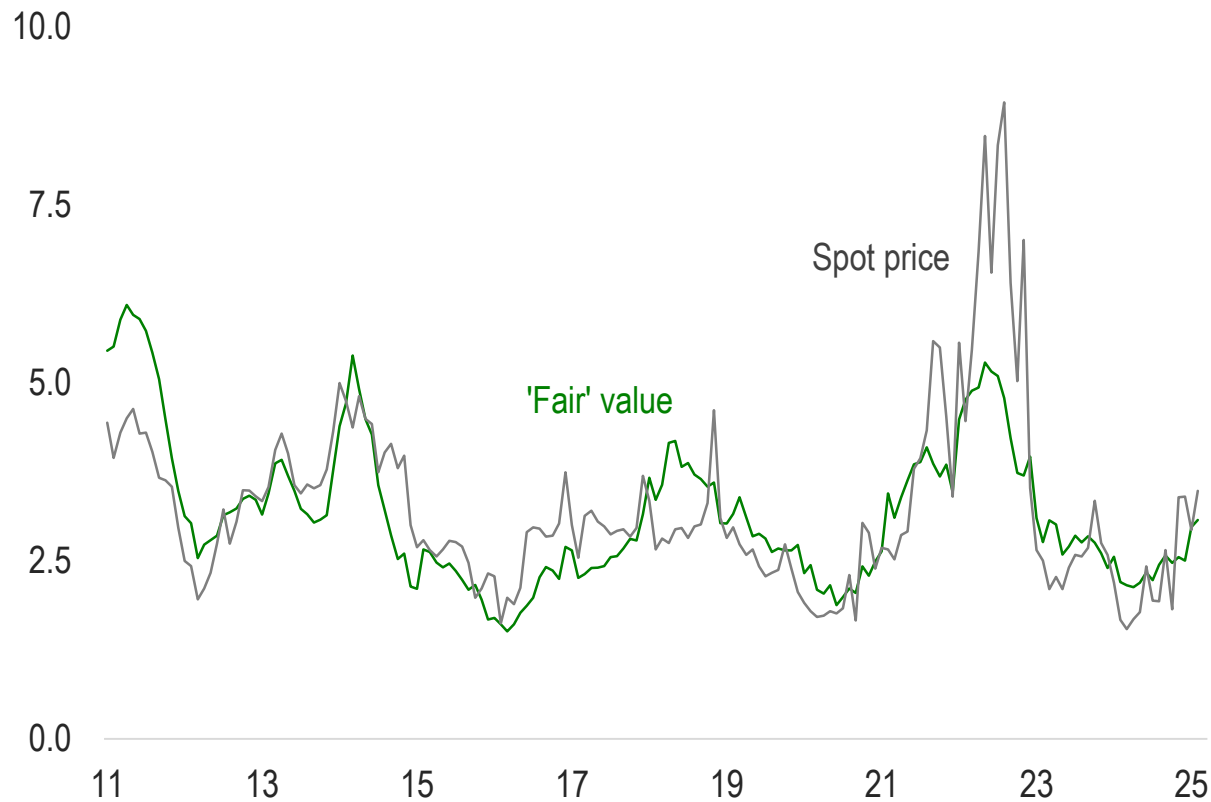
Henry Hub vs. speculative positions  
USD / MMBtu and 000s of contracts





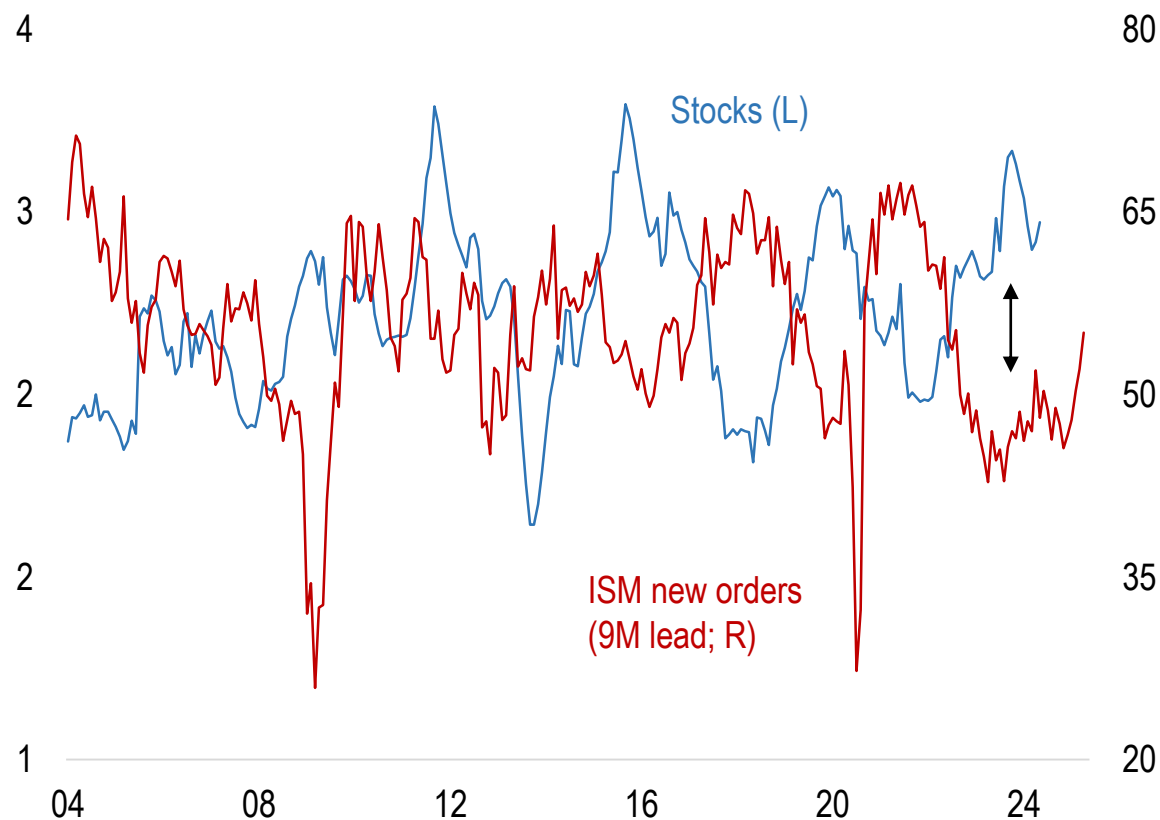
# Keeping spot prices 10-15% above 'fair' value

Henry Hub prices  
Spot vs. 'fair' value



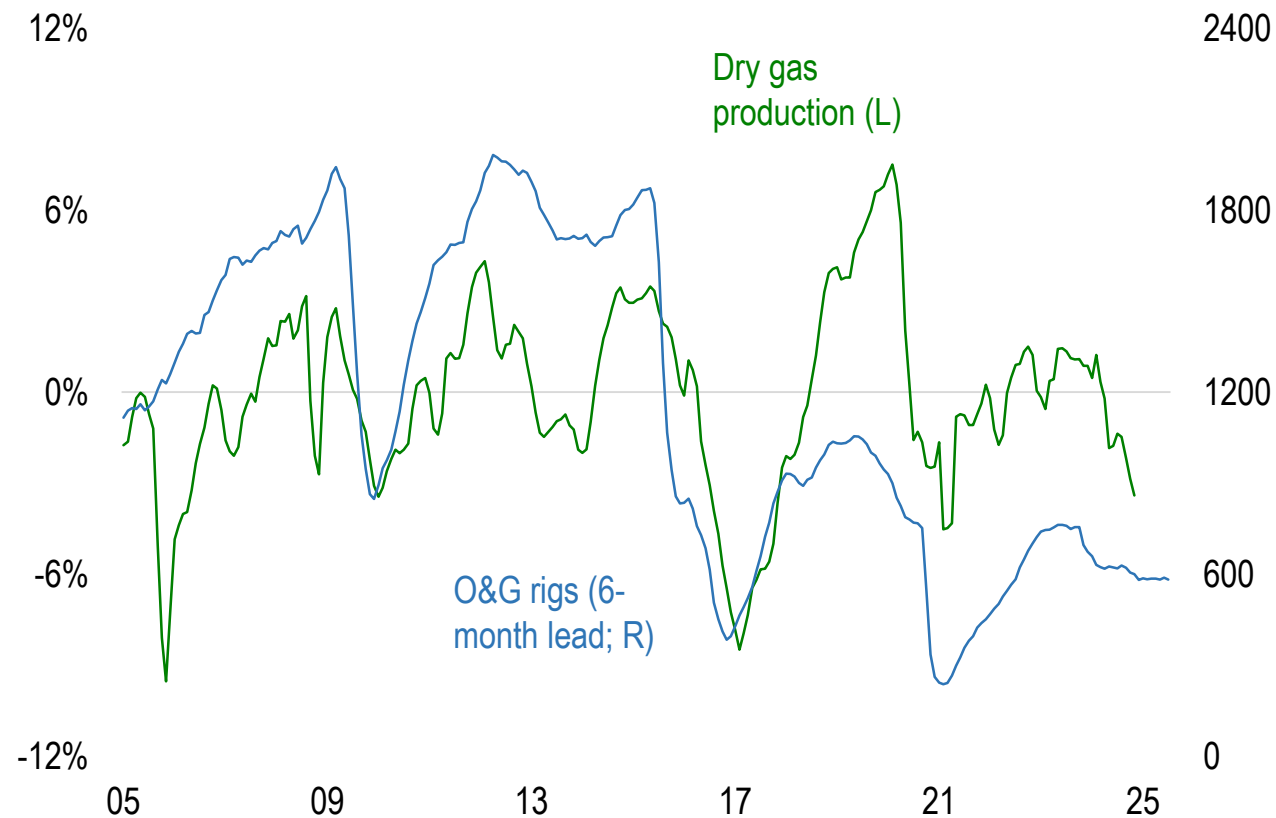
# Pick-up in industrial activity should fuel demand

Natural gas inventories vs. ISM new orders  
TR cubic feet (SA) and diffusion index



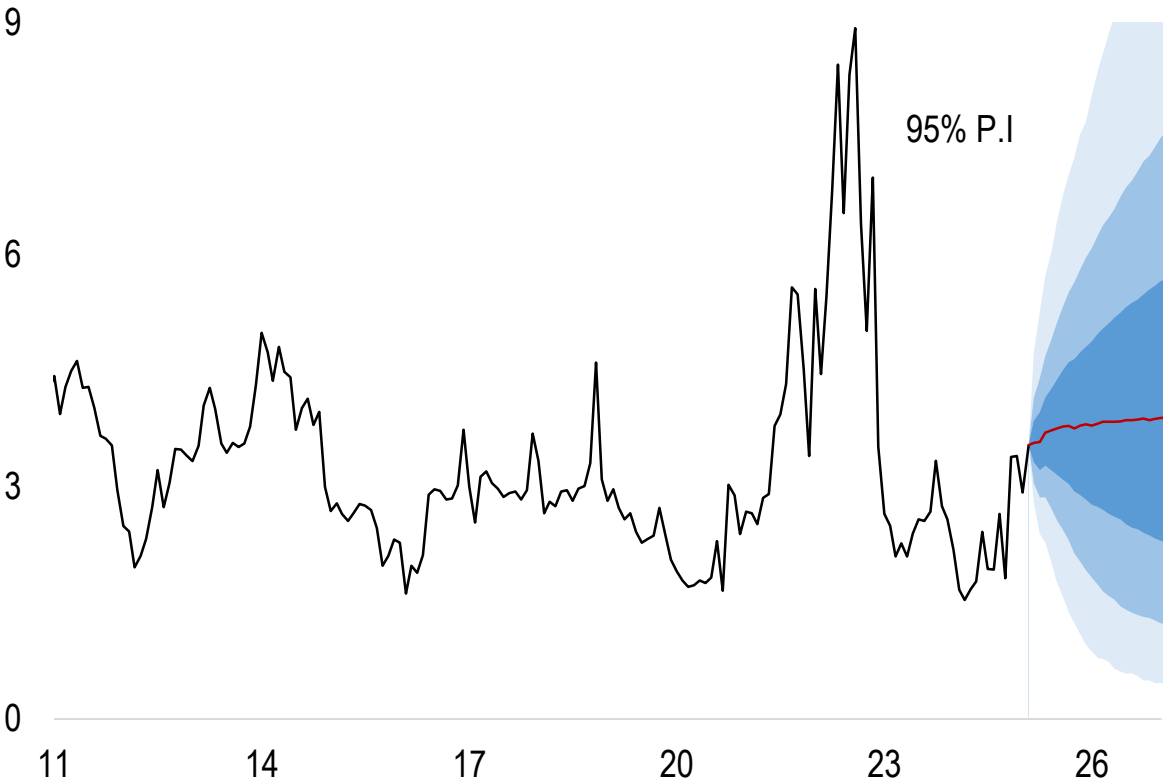
# While falling rig counts curb production growth

Natural gas production vs. oil & gas onshore rigs  
Deviations from trend (%) and number of rigs



# Both factors should keep gas above \$3.5 in 2025

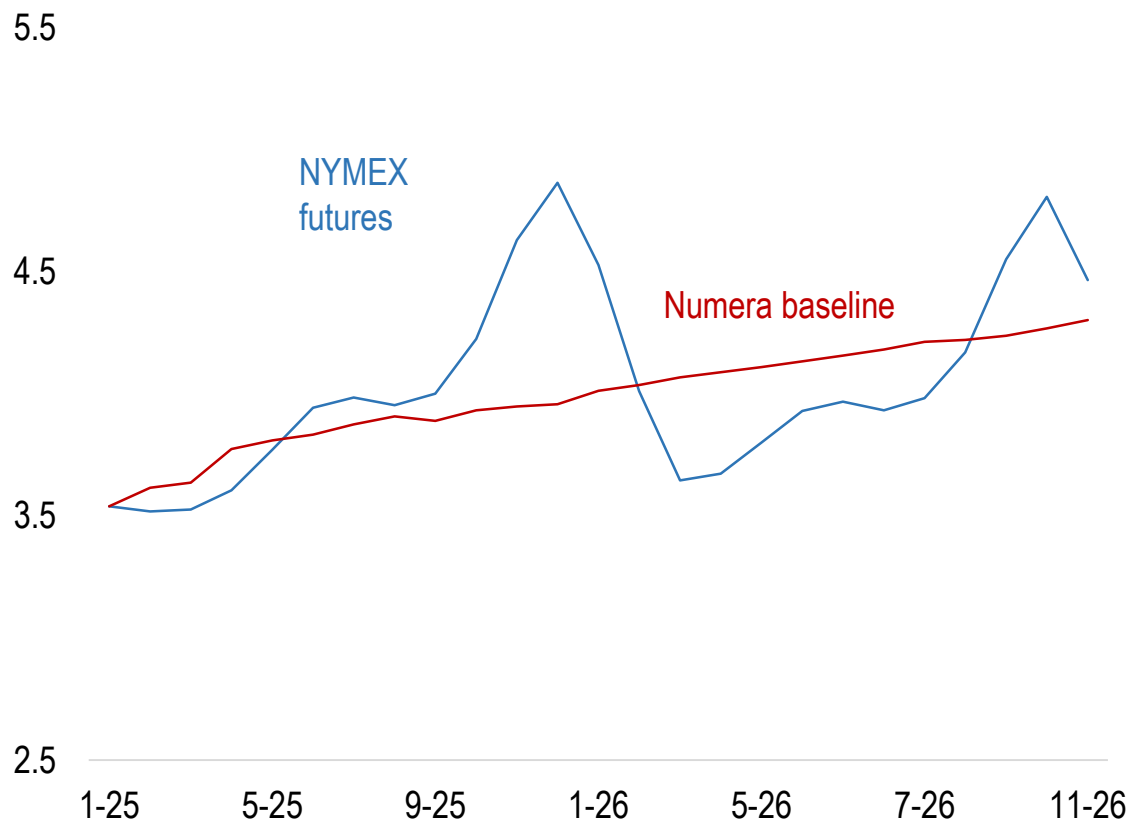
Henry Hub price outlook  
USD / MMBtu – 2024/26



Note: Fan chart denotes 50 / 80 / 95% prediction intervals.

# Which is roughly in line with market expectations

Henry Hub price outlook and forward curve  
USD / MMBtu – 2025/26





For questions on our research, please contact:

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