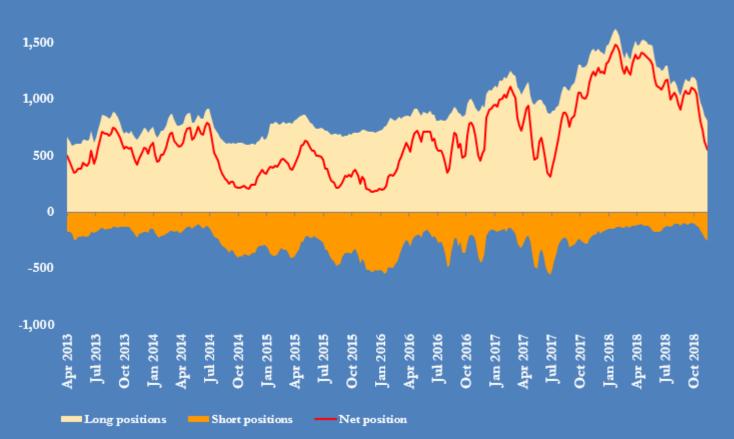
#### CFTC and ICE commitments of traders reports Selected indicators

**JOHN KEMP REUTERS** Data for the week ending 13 Nov 2018 Hedge funds cut net long position in petroleum complex by -74 million bbl to 547 million bbl (longs -41mn, shorts +33mn)

Money managers' total long and short positions in Brent, WTI, U.S. gasoline, U.S. heating oil and European gasoil (million bbl)

2,000

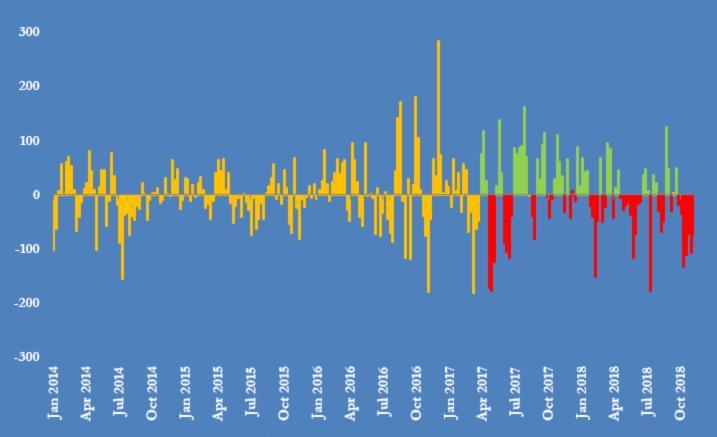


Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

Hedge funds have cut net long position by -553 million bbl in last seven weeks, largest reduction over a comparable period since at least 2013

Money managers' weekly net position change in Brent, WTI, U.S. gasoline, U.S. heating oil and Euro gasoil (million bbl)

400



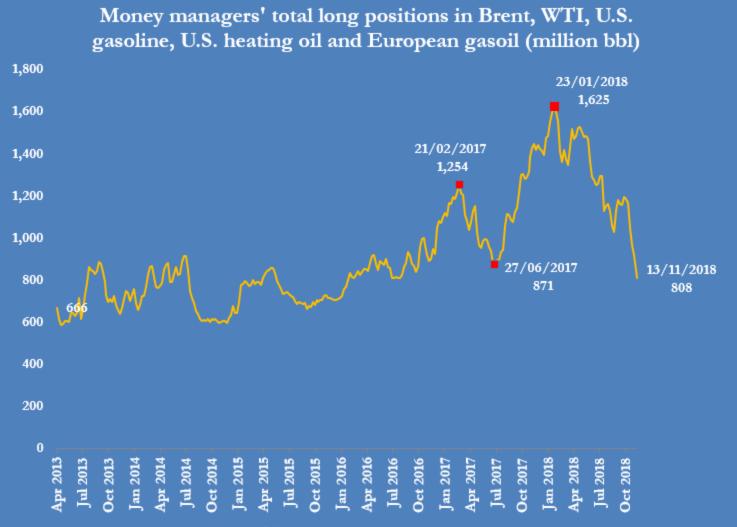
Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

Hedge fund ratio of long to short positions in petroleum fell to 3.09, the lowest since Jul 2017, and down from recent peak of 12.44 at end of Sep



Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

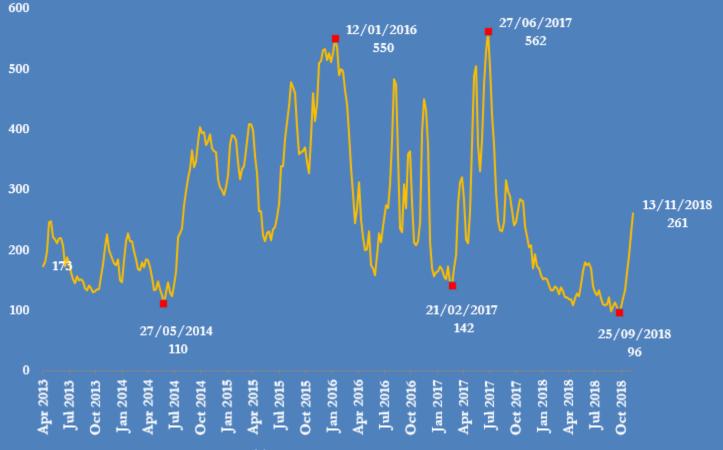
Hedge funds cut total long positions in petroleum by -41 million bbl to 808 million bbl, the lowest level since Jan 2016



Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

Hedge funds raised short positions in petroleum complex by +33 million bbl to 261 million bbl, the highest for over a year

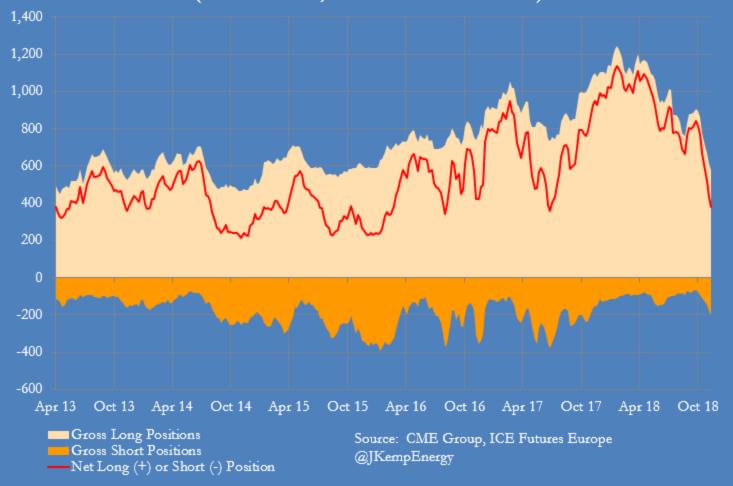
Money managers' total short positions in Brent, WTI, U.S. gasoline, U.S. heating oil and European gasoil (million bbl)



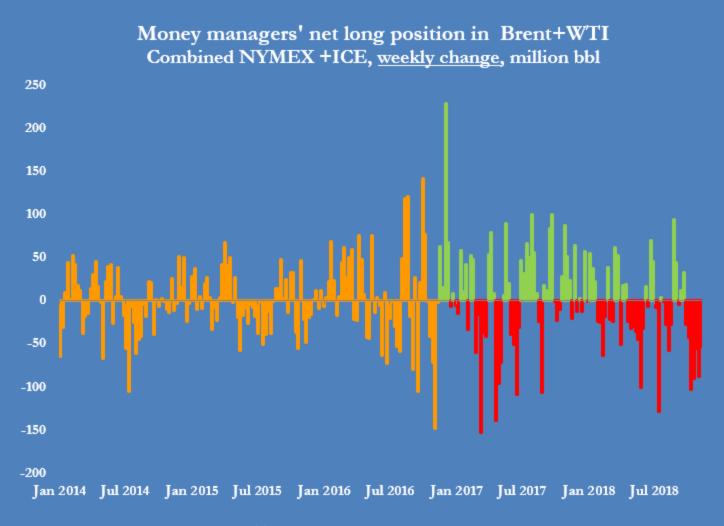
Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

## Hedge funds cut combined net long position in Brent+WTI by -53 million bbl to 380 million (longs -31mn, shorts +22mn)

Money managers' long and short positions in the three main crude oil futures and options contracts (million barrels) (NYMEX WTI, ICE WTI and ICE Brent)

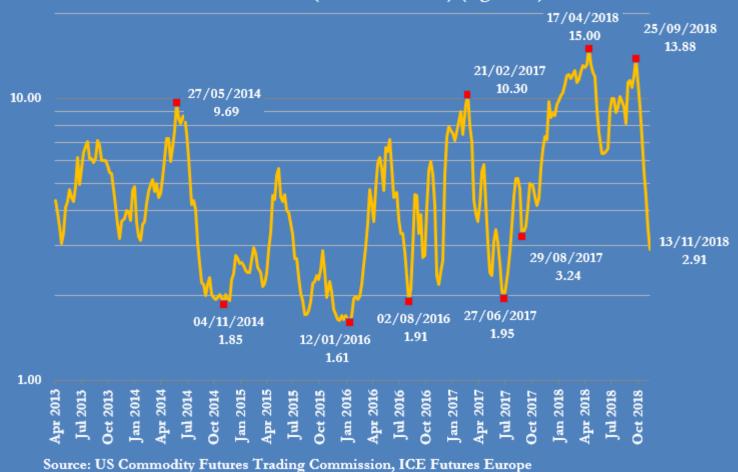


### Hedge funds have cut Brent+WTI net long position by -463 million bbl in last seven weeks



Source: US Commodity Futures Trading Commission, ICE Futures Europe @JKempEnergy Hedge funds' ratio of long to short positions in Brent+WTI fell to 2.91 from a recent peak of 13.88 on Sep 25 and lowest for 69 weeks

Ratio of money managers' long to short positions in Brent+WTI (NYMEX +ICE) (log scale)



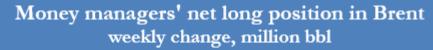
@JKempEnergy

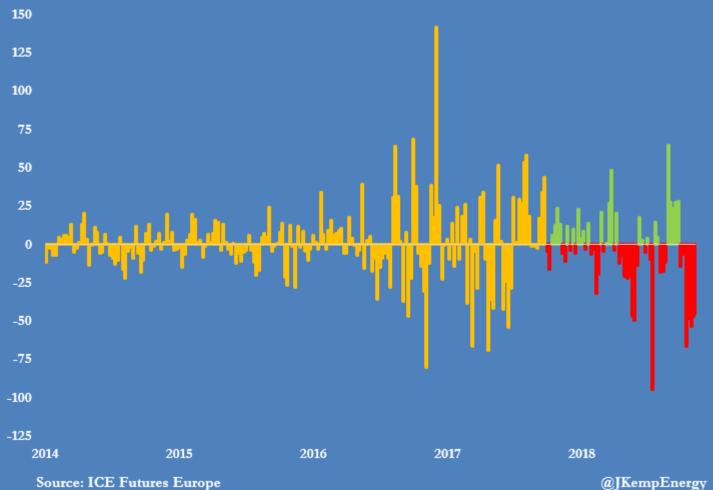
Hedge funds cut net long position in ICE Brent by -45 million bbl to 215 million bbl (longs -32mn, shorts +13mn)

Money managers' long and short positions in Brent futures and options contracts (million barrels) (ICE Brent)



Hedge funds have cut net long position in Brent by -282 million in last seven weeks after raising it by +172 million bbl in previous five weeks





## Hedge fund ratio of long to short positions in Brent fell to 3.38 from recent high of 19.20 on Sep 25 and the lowest since Jul 2017



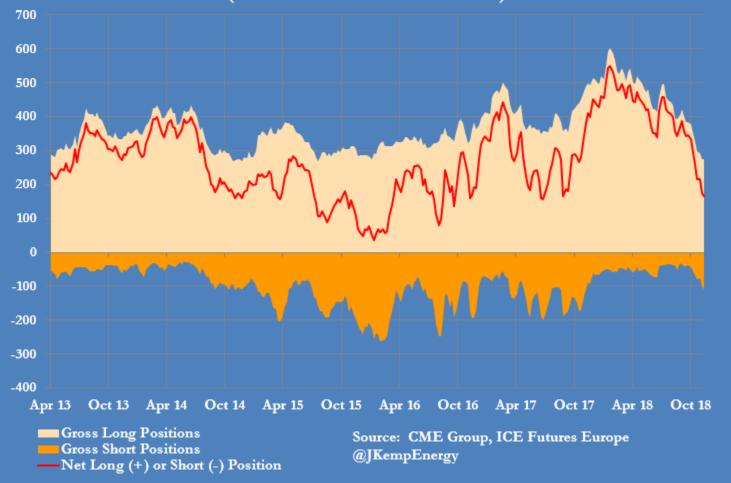
1.00

Jul 2013 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018

Source: US Commodity Futures Trading Commission @JKempEnergy

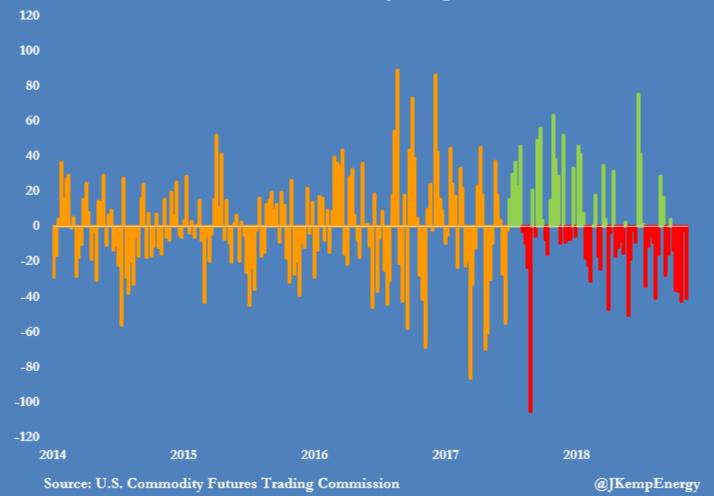
## Hedge funds cut net long position in NYMEX+ICE WTI by -8 million bbl to 165 million (longs +1mn, shorts +9mn)

Money managers' long and short positions in WTI futures and options contracts (million barrels) (NYMEX WTI and ICE WTI)



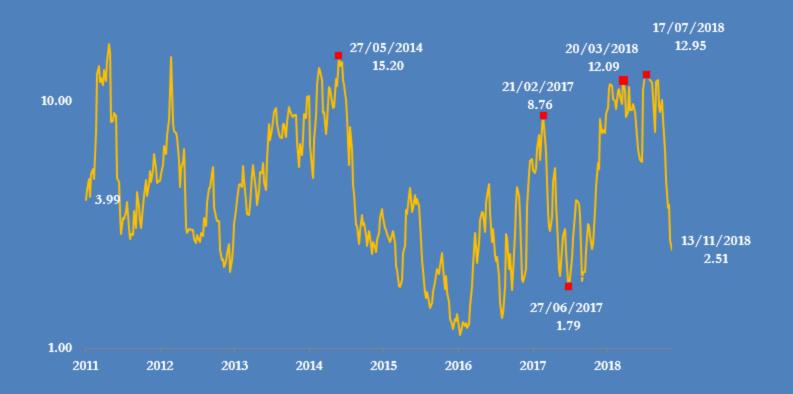
Hedge funds have cut net long position in NYMEX+ICE WTI by a total of -221 million bbl in last ten weeks to lowest level since Aug 2017

Money managers' combined net long position in NYMEX+ICE WTI, weekly change, million bbl



# Hedge fund ratio of long to short positions in NYMEX+ICE WTI fell to 2.51, the lowest since Sep 2017

Ratio of money managers' long to short positions in NYMEX and ICE WTI (log scale)



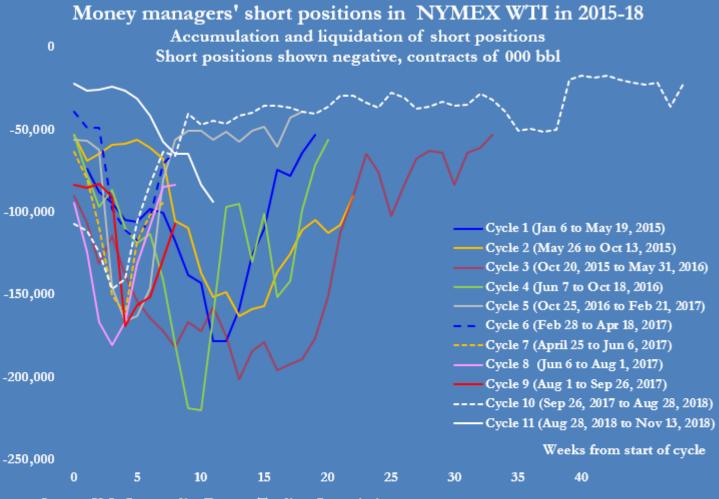
Source: US Commodity Futures Trading Commission @JKempEnergy

#### Hedge funds raised short positions in NYMEX WTI by +10 million bbl to 94 million bbl, the highest since Oct 2017



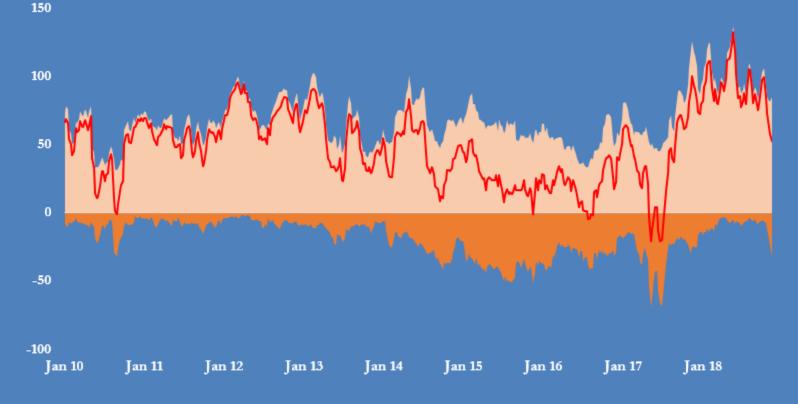
Sources: CFTC, NYMEX, @JKempEnergy Current value highlighted in red, prior value in orange US\$/bbl

## Hedge funds initiated a new cycle of short-selling in NYMEX WTI at the end of Aug and have since increased short positions by +71mn bbl



Source: U.S. Commodity Futures Trading Commission @JKempEnergy Hedge funds cut net long position in NYMEX gasoline by -5 million bbl to 52 million bbl (longs +3mn, shorts +8mn)

Money managers' long and short positions in New York gasoline futures and options, NYMEX RBOB contract, million barrels



Source: US Commodity Futures Trading Commission @JKempEnergy

Long positions

Net long position

Short positions

Hedge fund ratio of long to short positions in gasoline fell to 2.61 from a recent high of 17.18 on Oct 2 and the lowest since Aug 2017

Ratio of money managers' long to short positions in New York gasoline futures and options (*log scale*)

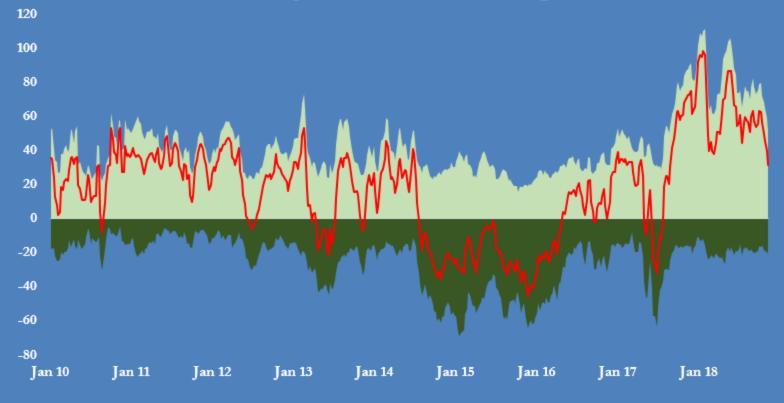


0.10

Jan 13 Jul 13 Jan 14 Jul 14 Jan 15 Jul 15 Jan 16 Jul 16 Jan 17 Jul 17 Jan 18 Jul 18

Source: US Commodity Futures Trading Commission @JKempEnergy Hedge funds cut net long position in NYMEX heating oil by -8 million bbl to 31 million bbl (longs -7mn, shorts +1mn)

Money managers' long and short positions in New York heating oil futures and options, NYMEX #2 heating oil, million barrels



Source: US Commodity Futures Trading Commission @JKempEnergy

Short positions
Net long position

Long positions

Hedge fund ratio of long to short positions in heating oil fell to 2.50 from recent high of 4.87 on Oct 2

Ratio of money managers' long to short positions in New York #2 heating oil futures and options (log scale)

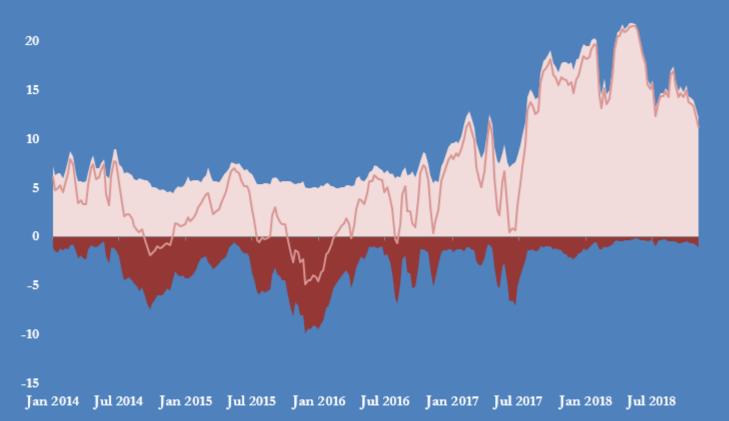


0.10

Jan 13 Jul 13 Jan 14 Jul 14 Jan 15 Jul 15 Jan 16 Jul 16 Jan 17 Jul 17 Jan 18 Jul 18

Source: US Commodity Futures Trading Commission @JKempEnergy Hedge funds cut net long position in ICE gasoil by -0.96 million tonnes to 11.16 million tonnes (longs -0.72mn, shorts +0.24mn)

Money managers' long and short positions in ICE gasoil futures and options (million tonnes)

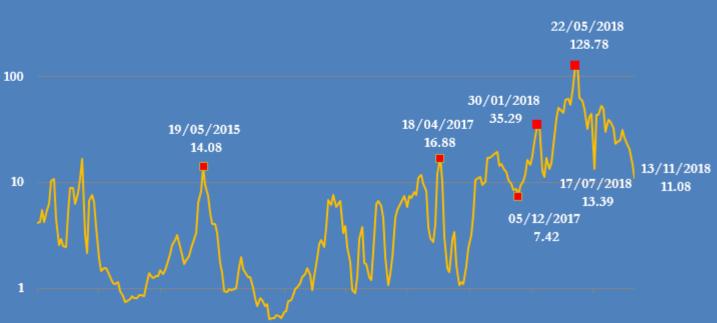


Gross Long Positions Gross Short Positions Net Long (+) or Short (-) Position

25

Source: ICE Futures Europe @JKempEnergy

## Hedge fund ratio of long to short positions in gasoil fell to 11.08 from 14.99 the prior week



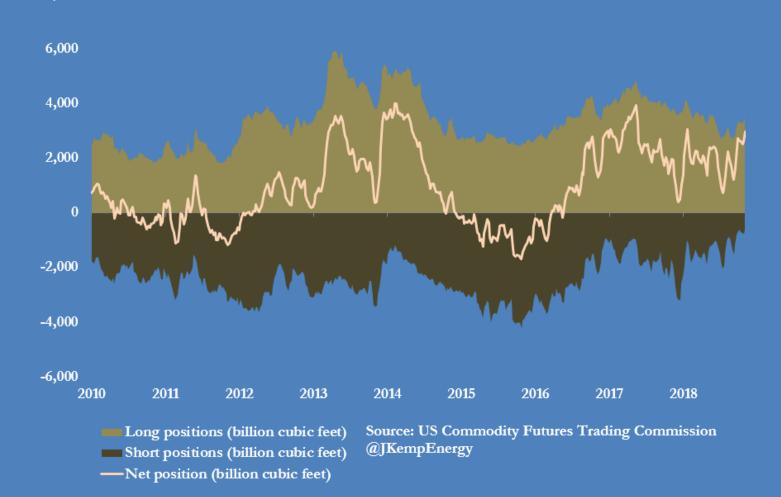
Ratio of money managers' long and short positions in ICE gasoil futures and options (*log scale*)

0.1 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018

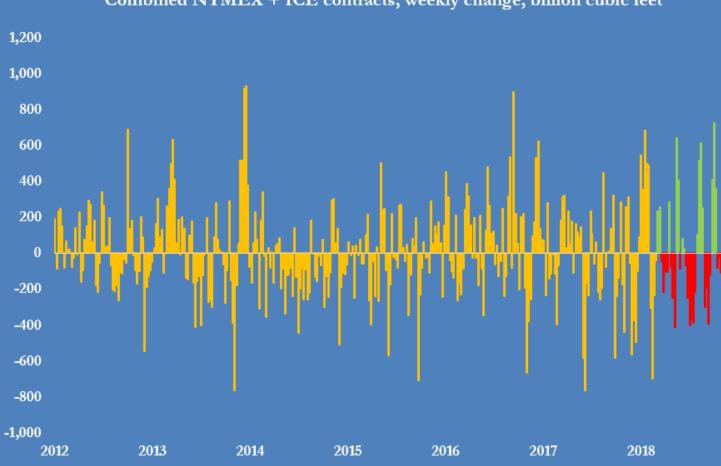
Source: ICE Futures Europe @JKempEnergy Hedge funds raised combined net long position in NYMEX+ICE U.S. gas by +350 bcf to 2,960 bcf (longs +210 bcf, shorts +141 bcf)

Money managers' long and short positions in US natural gas futures (NYMEX + ICE Henry Hub) billion cubic feet

8,000



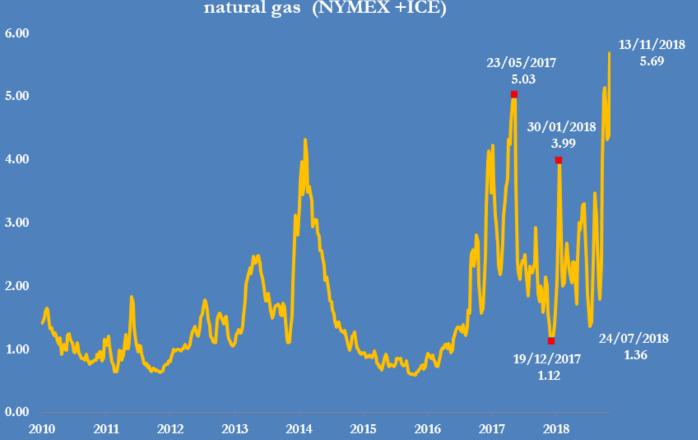
## Hedge funds have raised net long position in U.S. natural gas by a total of +457 bcf in the two most recent weeks



Money managers' net long position in U.S. natural gas Combined NYMEX + ICE contracts, weekly change, billion cubic feet

Source: US Commodity Futures Trading Commission @JKempEnergy

Hedge fund ratio of long to short positions in U.S. gas rose to 5.69, the highest for at least eight years



Ratio of money managers' long to short positions in U.S. natural gas (NYMEX +ICE)

Source: US Commodity Futures Trading Commission @JKempEnergy