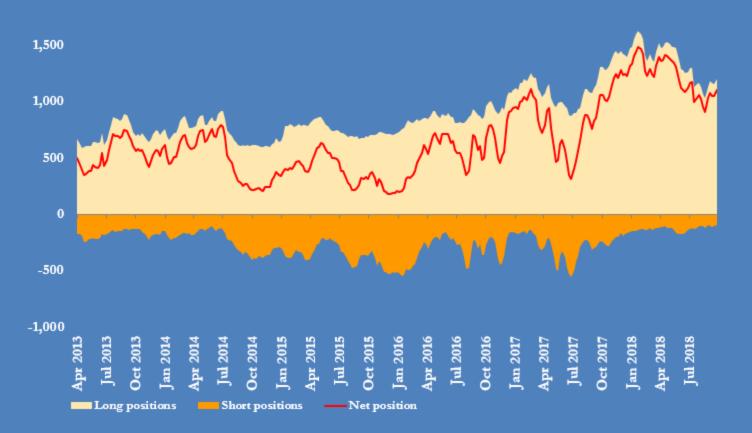
CFTC and ICE commitments of traders reports Selected indicators

JOHN KEMP REUTERS Data for the week ending 25 Sep 2018 Hedge funds raised net long position in petroleum complex by +50 million bbl to 1,099 million bbl (longs +41mn, shorts -10mn)

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

2,000

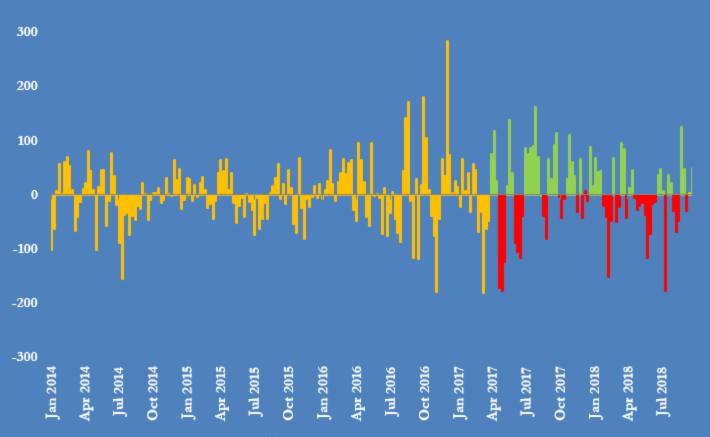


Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

Hedge funds have raised net long position in petroleum by +196 million bbl in five weeks since Aug 21

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 climbed to 12.44 from 10.93 the prior week and closing in on record 13.95 on Apr 17



1.00

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

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

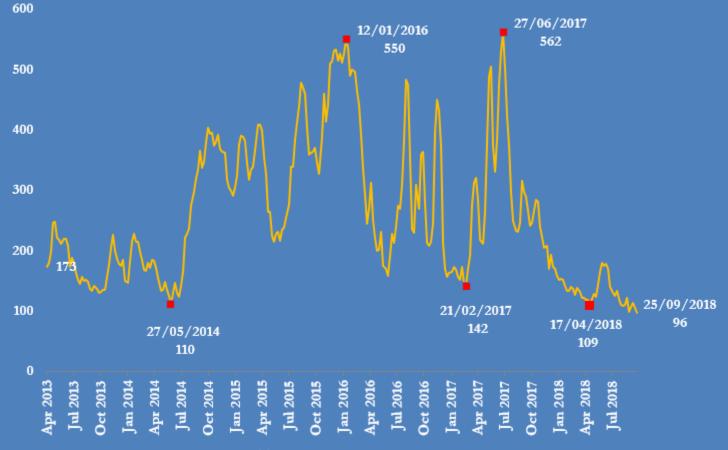
Hedge funds raised total long positions in petroleum by +41 million bbl to 1,195 million bbl



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

Hedge funds cut short positions in petroleum complex by -10 million bbl to 96 million bbl, the lowest for more than five years

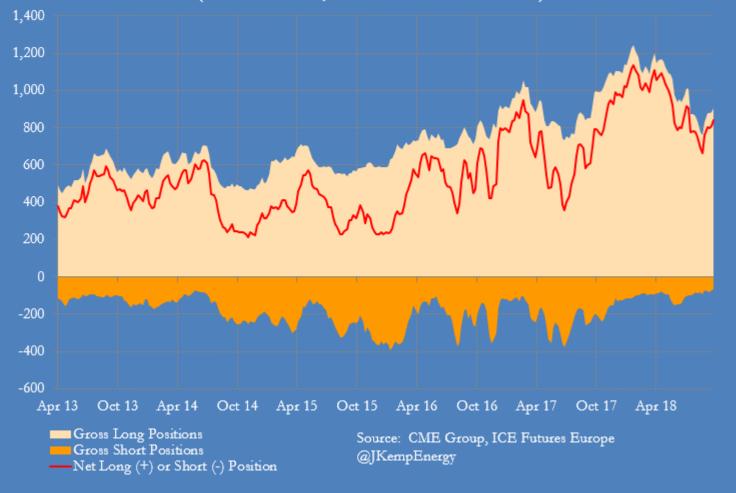
Money managers' total short positions in Brent, WTI, U.S. gasoline, U.S. heating oil and European gasoil (million bbl)



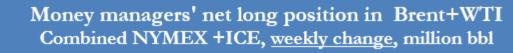
Source: U.S. Commodity Futures Trading Commission, ICE Futures Europe

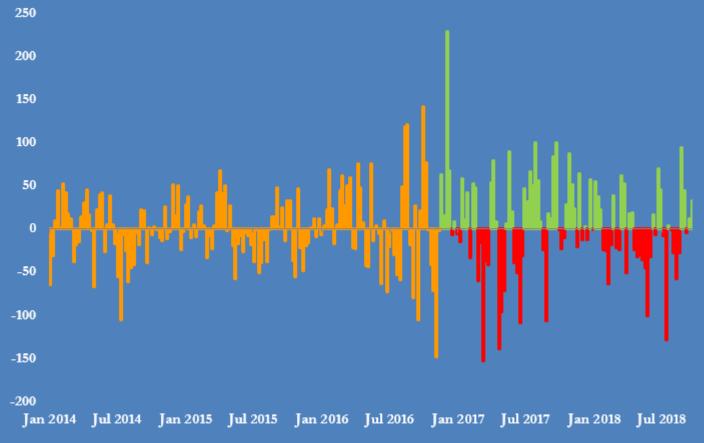
Hedge funds raised combined net long position in Brent+WTI by +32 million bbl to 843 million (longs +24mn, shorts -8mn)

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)



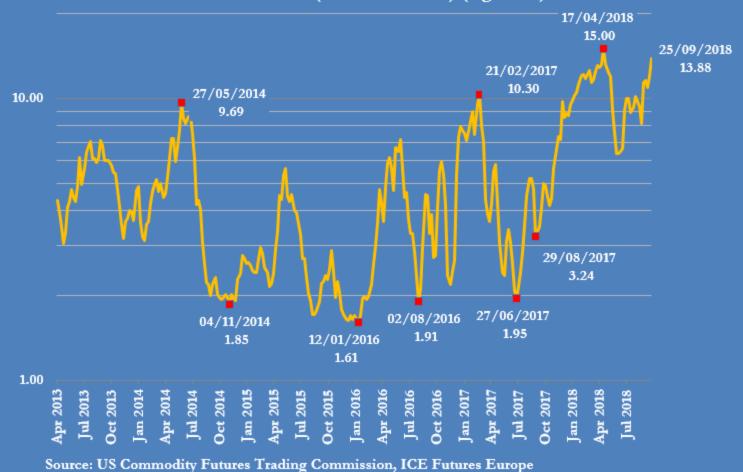
Hedge funds have raised Brent+WTI net long position by +177 million bbl since Aug 21





Source: US Commodity Futures Trading Commission, ICE Futures Europe @JKempEnergy Hedge funds' ratio of long to short positions in Brent+WTI rose to 13.88 from 11.97 the previous week and closing in on record 15.00 set on Apr 17

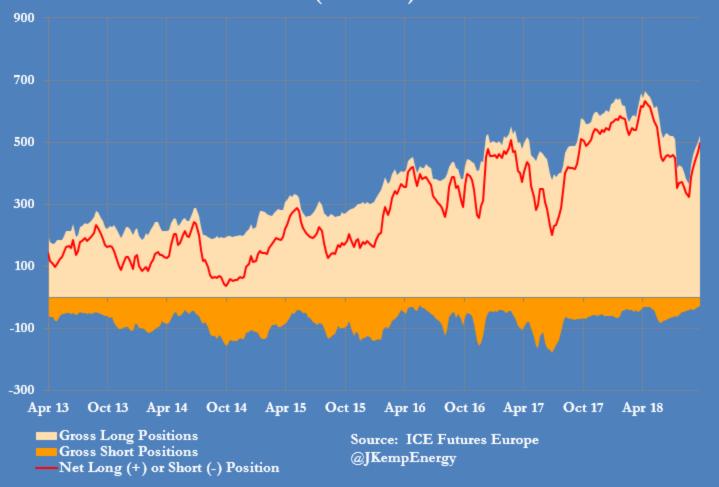
Ratio of money managers' long to short positions in <u>Brent+WTI (NYMEX +ICE)</u> (*log scale*)



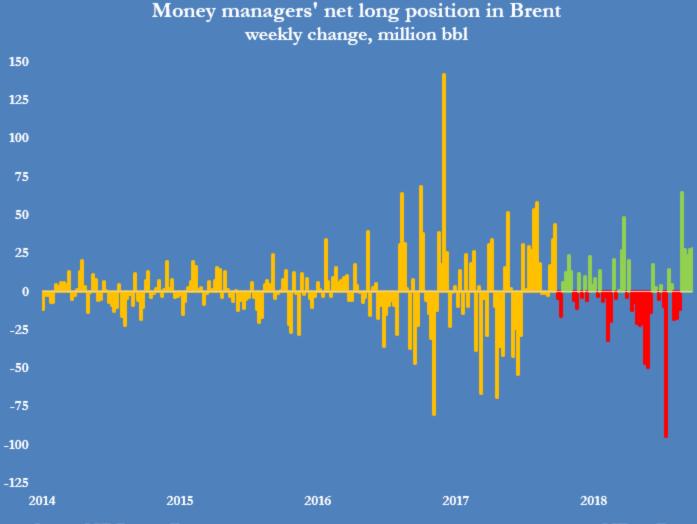
@JKempEnergy

Hedge funds raised net long position in ICE Brent by +28 million bbl to 496 million bbl (longs +24mn, shorts -4mn)

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



Hedge funds have raised net long position in Brent by +172 million bbl since Aug 21



Source: ICE Futures Europe

@JKempEnergy

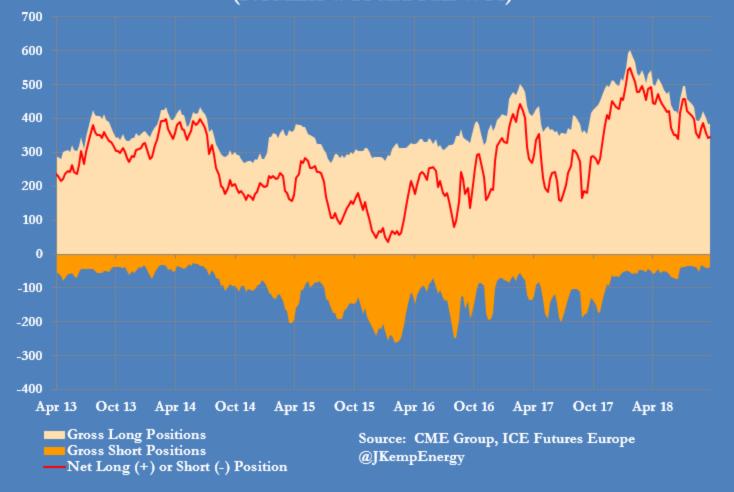
Hedge fund ratio of long to short positions in Brent rose to 19.20 from 15.93 the prior week and closing in on record 20.83 on Apr 3



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

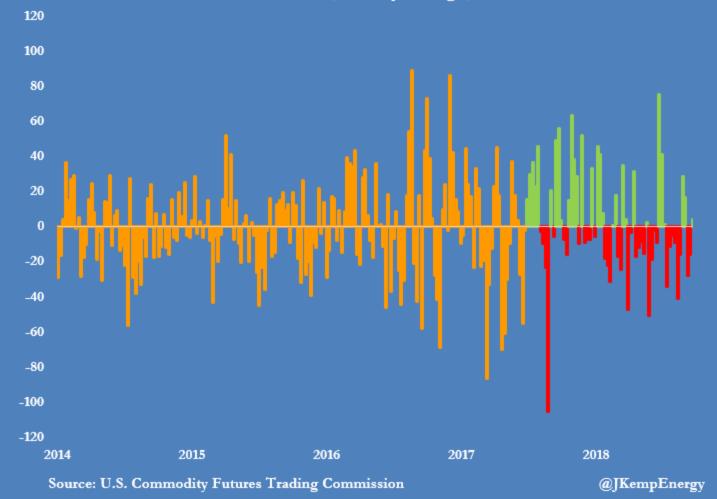
Source: US Commodity Futures Trading Commission @JKempEnergy Hedge funds raised net long position in NYMEX+ICE WTI by +4 million bbl to 347 million (longs -1mn, shorts -4mn)

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



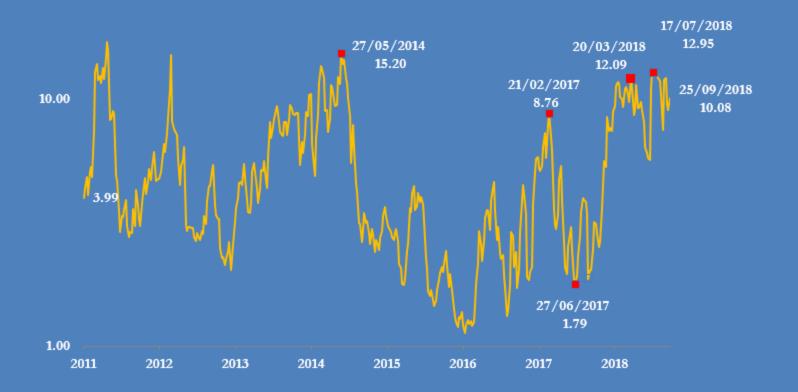
Hedge funds have raised net long position in NYMEX+ICE WTI by just +5 million bbl since Aug 21

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 rose to 10.08 from 9.06 the prior week

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



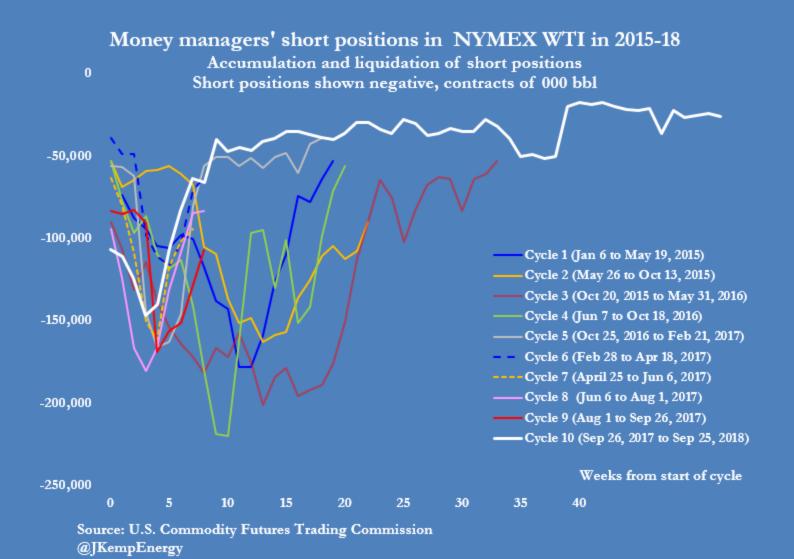
Source: US Commodity Futures Trading Commission @JKempEnergy

Hedge funds raised short positions in NYMEX WTI by +2 million bbl to 26 million bbl



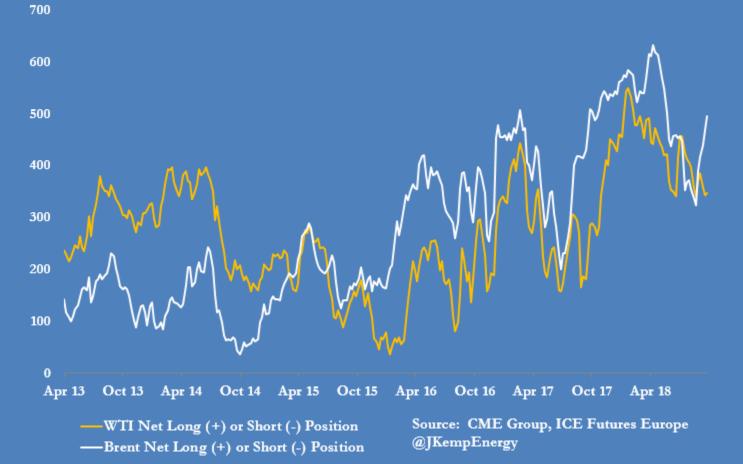
Current value highlighted in red, prior value in orange

Hedge funds show no sign of initiating another short-selling cycle in NYMEX WTI, with short positions close to post-2014 lows



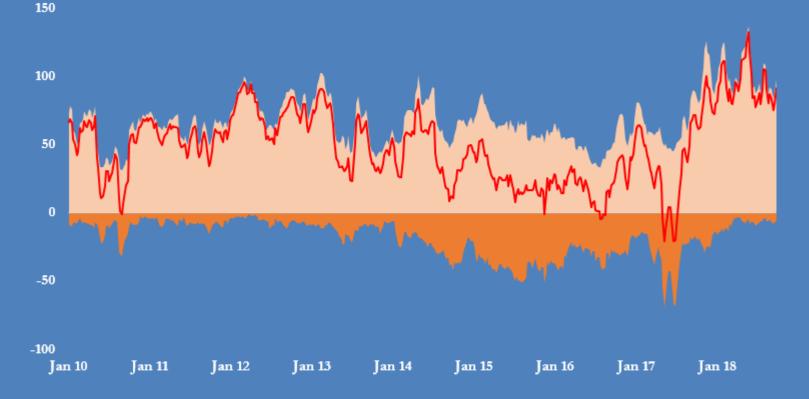
Hedge fund positions in Brent and WTI continue to diverge (Brent up +172 million bbl since Aug 21, WTI up by just +5 million bbl)

Money managers' net long (+) or short (-) positions in WTI and Brent futures and options (million barrels) (NYMEX WTI, ICE WTI and ICE Brent)



Hedge funds raised net long position in NYMEX gasoline by +12 million bbl to 98 million bbl (longs +11mn, shorts -1mn)

> 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 -Net long position

Long positions

Short positions

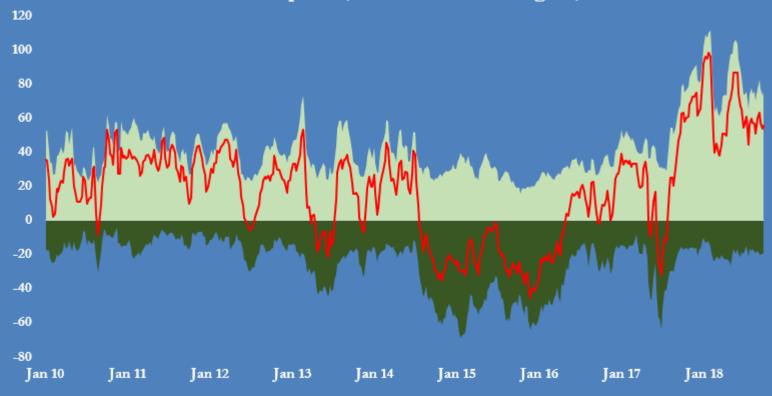
Hedge fund ratio of long to short positions in gasoline rose to 14.96 from 11.72 the prior week



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 raised net long position in NYMEX heating oil by +2 million bbl to 56 million bbl (longs +2mn, shorts unchanged)

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



Long positions Short positions Net long position Source: US Commodity Futures Trading Commission @JKempEnergy

Hedge fund ratio of long to short positions in heating oil edged up to 3.86 from 3.73 the prior week

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

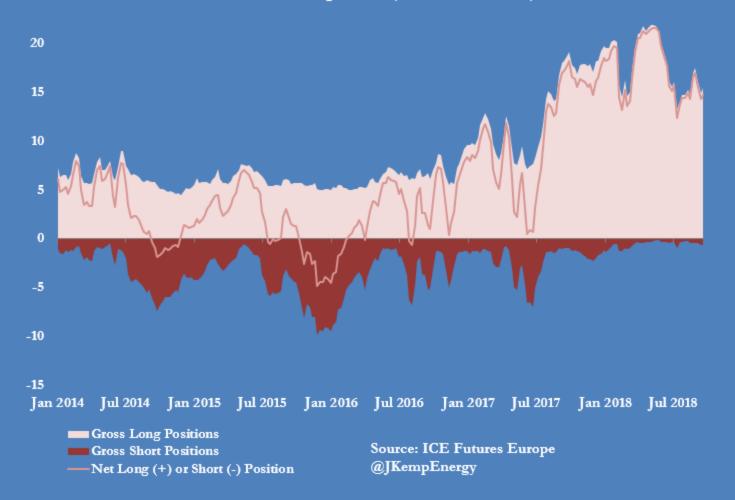


0.10

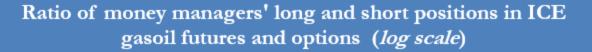
Jan 13 Jul 13 Jan 14 Jul 14 Jan 15 Jul 15 Jan 16 Jul 16 Jan 17 Jul 17 Jan 18 Jul 18 Source: US Commodity Futures Trading Commission @JKempEnergy Hedge funds raised net long position in ICE gasoil by +0.50 million tonnes to 14.72 million tonnes (longs +0.48mn, shorts -0.02mn)

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

25



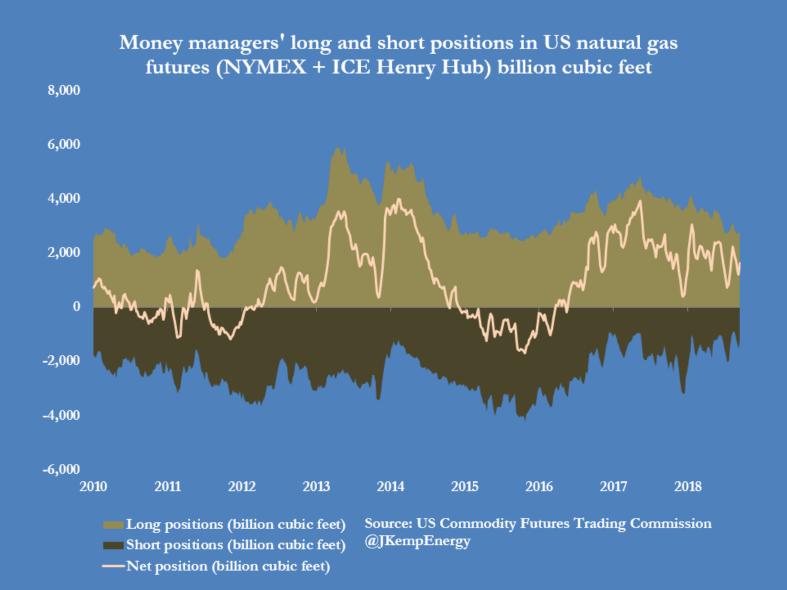
Hedge fund ratio of long to short positions in gasoil rose to 24.30 from 22.92 the prior week





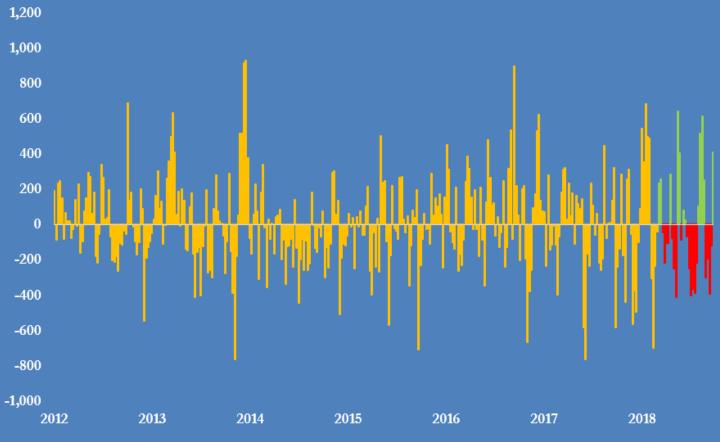


Source: ICE Futures Europe @JKempEnergy Hedge funds raised combined net long position in NYMEX+ICE U.S. gas by +410 bcf to 1,626 bcf (longs +69 bcf, shorts +342 bcf)



Hedge funds raised net long position in U.S. natural gas by +410 bcf after cutting it by -1,007 bcf in previous four 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 2.36 from 1.79 but still well below recent high of 3.47 on Aug 21



Source: US Commodity Futures Trading Commission @JKempEnergy