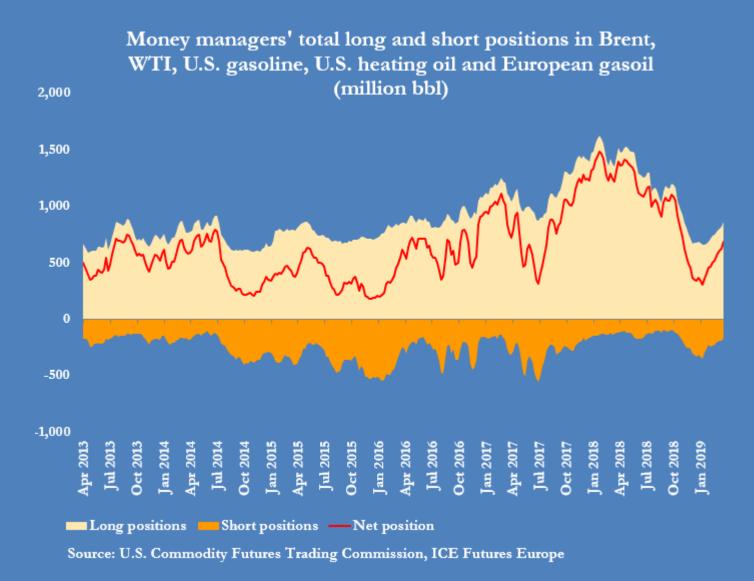
CFTC and ICE commitments of traders reports Selected indicators

JOHN KEMP REUTERS

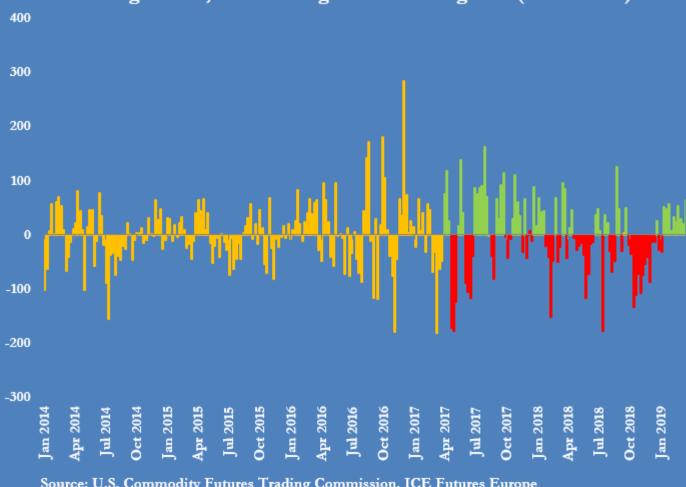
Data for the week ending 19 Mar 2019

Hedge funds raised net long position in petroleum complex by +65 million bbl to 685 million bbl (longs +45mn, shorts -20mn)



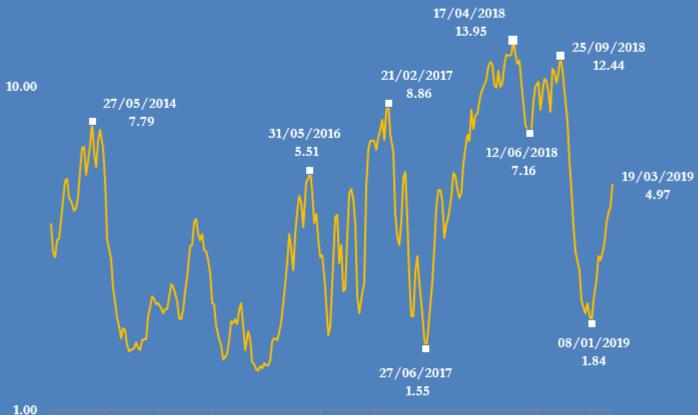
Hedge funds have raised net long position in six major petroleum contracts by +384 million bbl in last ten weeks

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



Hedge fund ratio of long to short positions in petroleum rose to 4.97 from 4.23 the prior week and up from a recent low of 1.84 on Jan 8

Ratio of money manager long to short positions in petroleum (Brent+WTI+gasoline+heating oil+ gasoil) (log-scale)



Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Hedge funds raised total long positions in petroleum to 858 million bbl up from a recent low of just 653 million bbl on Jan 15





Hedge funds cut short positions in petroleum complex to 173 million bbl down from a recent high of 357 million bbl on Jan 8

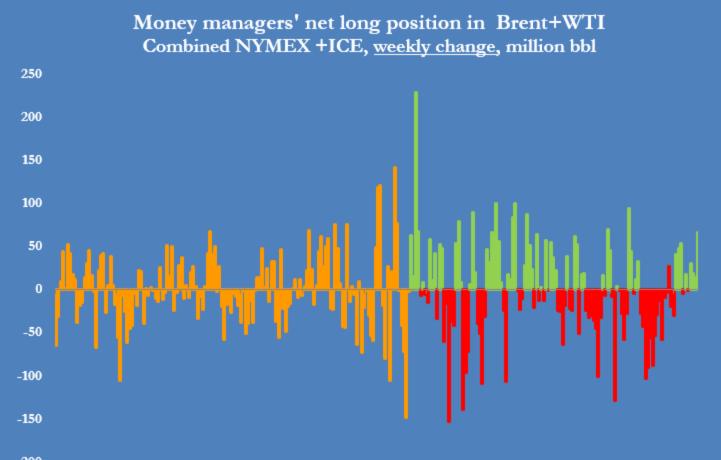
Money managers' total short positions in Brent, WTI, U.S. gasoline, U.S. heating oil and European gasoil (million bbl)



Hedge funds raised combined net long position in Brent+WTI by +66 million bbl to 523 million (longs +50mn, shorts -16mn)

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) 1,400 1,200 1,000 800 600 200 -200-400-600Apr 13 Oct 13 Apr 14 Oct 14 Apr 15 Oct 15 Apr 16 Oct 16 Apr 17 Oct 17 Apr 18 Oct 18 Gross Long Positions Source: CME Group, ICE Futures Europe Gross Short Positions @JKempEnergy -Net Long (+) or Short (-) Position

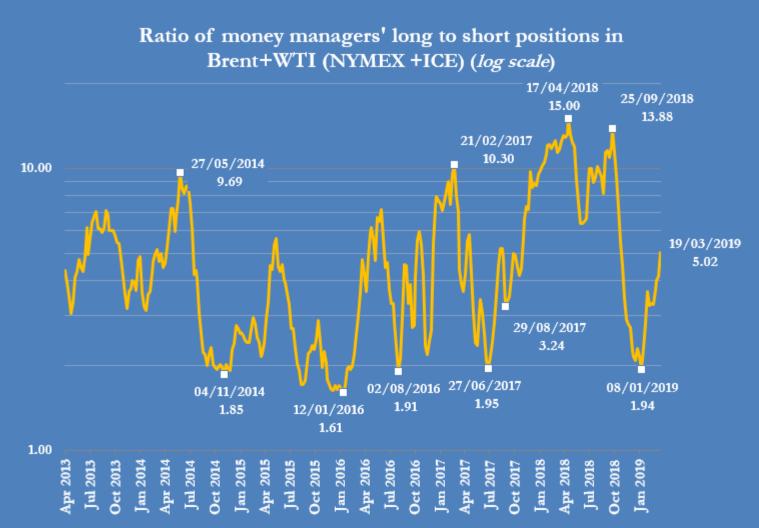
Hedge funds have raised Brent+WTI net long position by +279 million bbl in last ten weeks, and last week's increase was largest since end-Aug



-200 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Source: US Commodity Futures Trading Commission, ICE Futures Europe @JKempEnergy

Hedge funds' ratio of long to short positions in Brent+WTI rose to 5.02 from 4.13 the prior week and a recent low of 1.94 on Jan 8



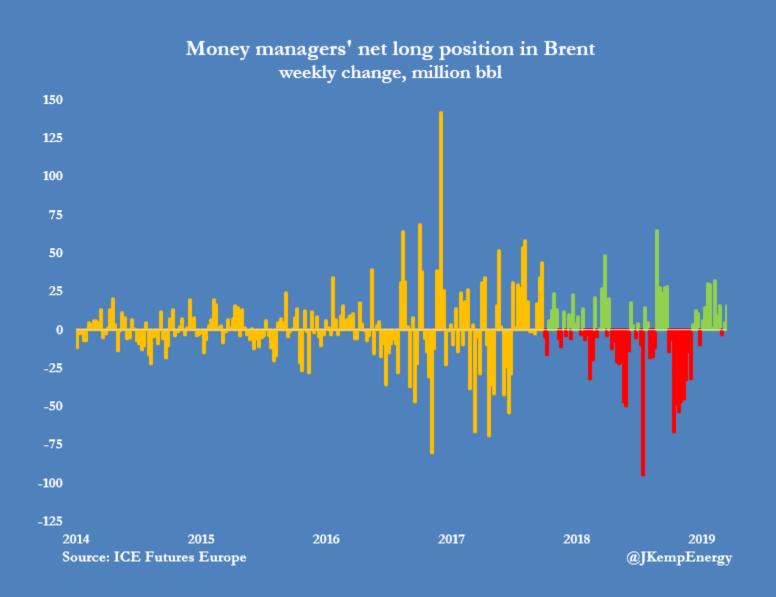
Source: US Commodity Futures Trading Commission, ICE Futures Europe @JKempEnergy

Hedge funds raised net long position in ICE Brent by +16 million bbl to 309 million bbl (longs +11mn, shorts -5mn)

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 in 13 out of the last 15 weeks by a total of +172 million bbl since Dec 11



Hedge fund ratio of long to short positions in Brent rose to 6.64 from 5.90 the prior week and a recent low of just 2.15 on Dec 11

Ratio of money managers' long to short positions in ICE Brent (semi-log scale)



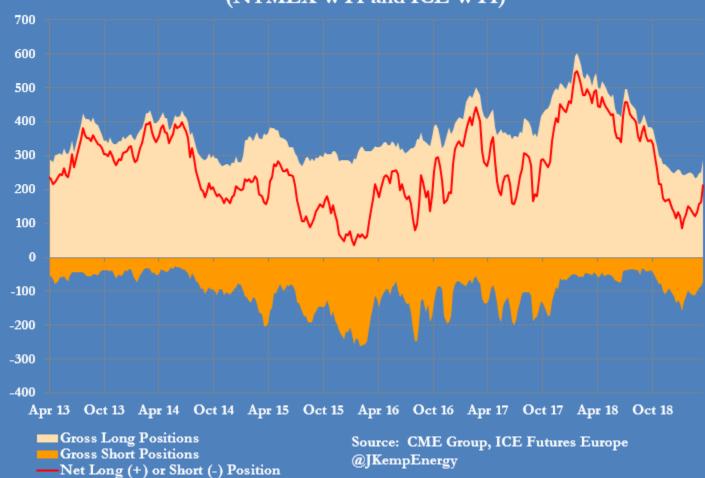
1.00 Jul 2013 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Source: ICE Futures Europe

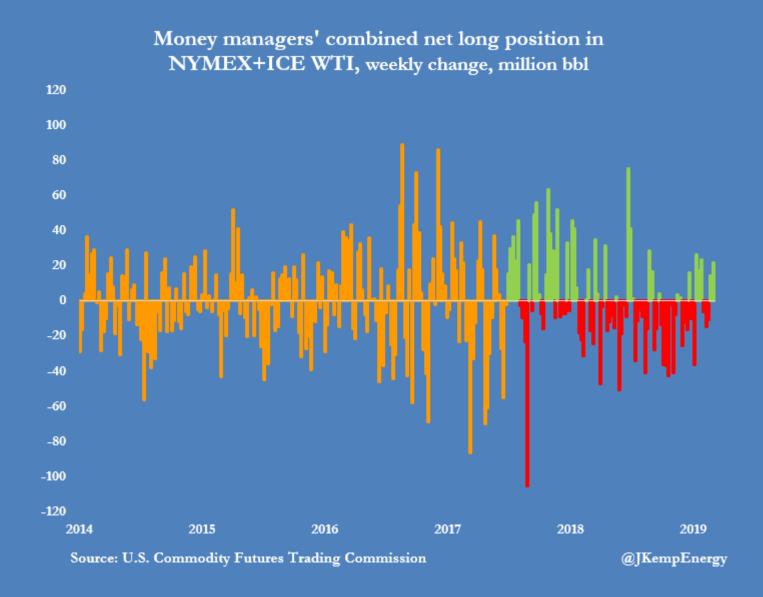
@JKempEnergy

Hedge funds raised net long position in NYMEX+ICE WTI by +50 million bbl to 214 million (longs +39mn, shorts -11mn)

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

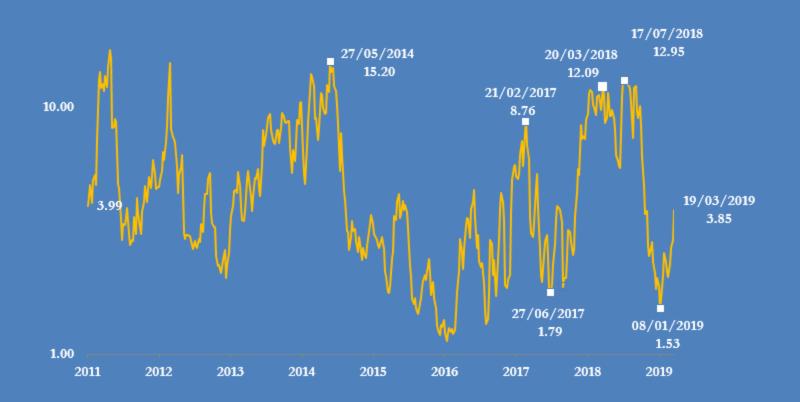


Hedge funds have raised net long position in NYMEX+ICE WTI by a total of +129 million bbl since Jan 8



Hedge fund ratio of long to short positions in NYMEX+ICE WTI rose to 3.85 from 2.90 the prior week and low of just 1.53 on Jan 8

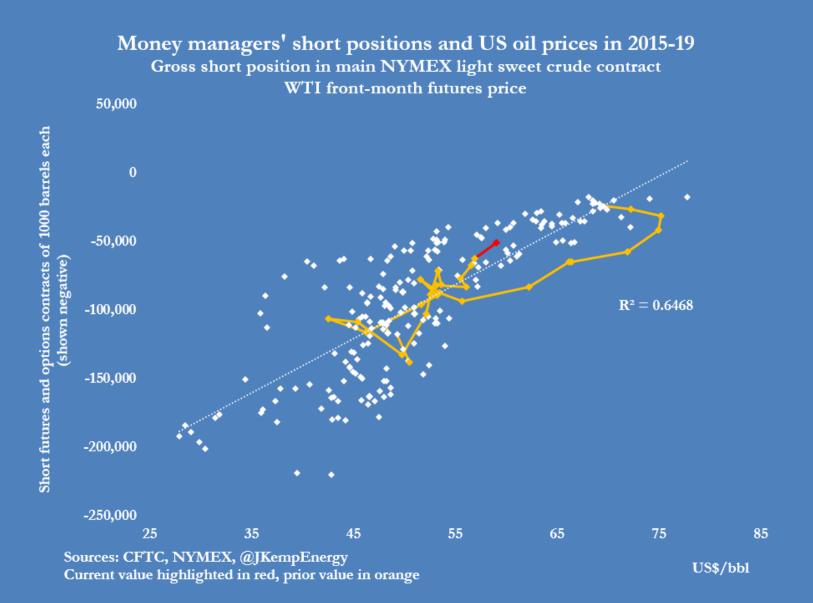
> Ratio of money managers' long to short positions in NYMEX and ICE WTI (log scale)



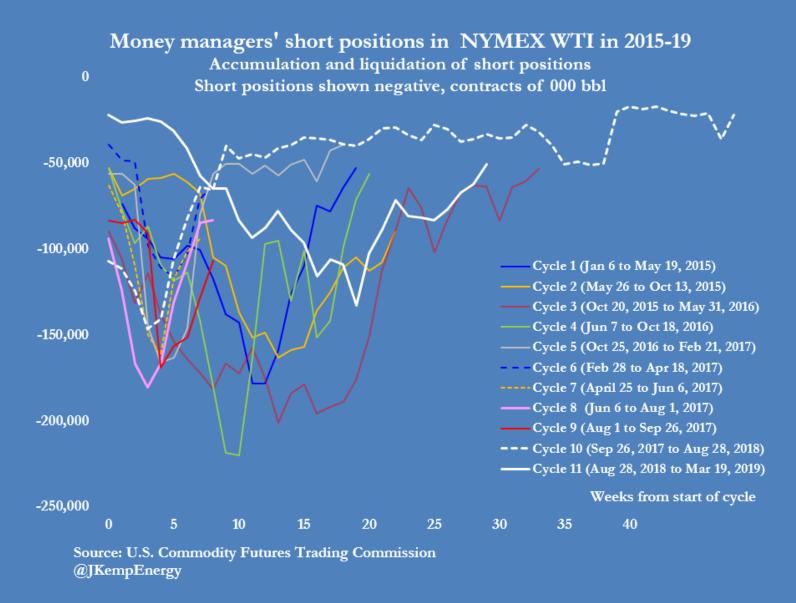
Source: US Commodity Futures Trading Commission

@JKempEnergy

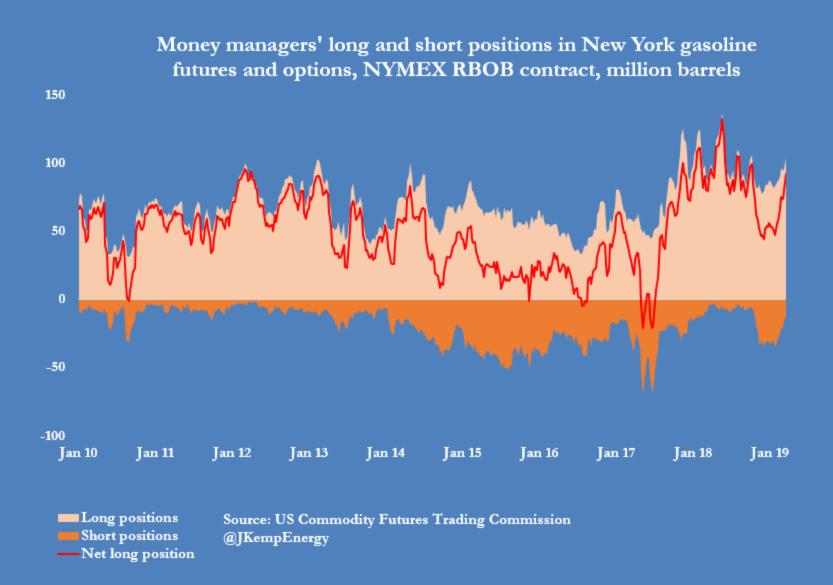
Hedge funds have cut short positions in NYMEX WTI to 51 million bbl down from a recent peak of 133 million bbl on Jan 8



Hedge funds have closed out most though not all short positions they started to initiate in late Aug, as short-selling cycle #11 nears completion



Hedge funds raised net long position in NYMEX gasoline by +12 million bbl to 92 million bbl (longs +8mn, shorts -4mn)



Hedge fund ratio of long to short positions in gasoline climbed to 8.65 from 6.00 the prior week and a recent low of 2.33 on Jan 29

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

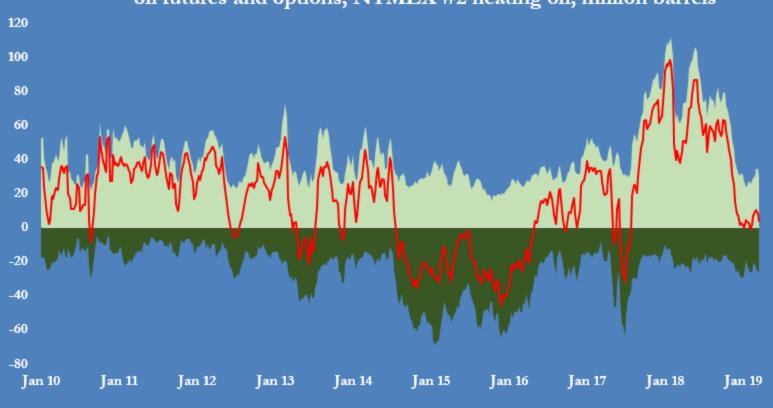


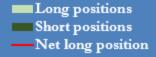
.... Jan 13 Jul 13 Jan 14 Jul 14 Jan 15 Jul 15 Jan 16 Jul 16 Jan 17 Jul 17 Jan 18 Jul 18 Jan 19

Source: US Commodity Futures Trading Commission @JKempEnergy

Hedge funds cut net long position in NYMEX heating oil by -4 million bbl to 4 million bbl (longs -5mn, shorts unchanged)







Source: US Commodity Futures Trading Commission

@JKempEnergy

Hedge fund ratio of long to short positions in heating oil fell to 1.14 from 1.30 the prior week and near to recent low of 0.96 on Feb 5

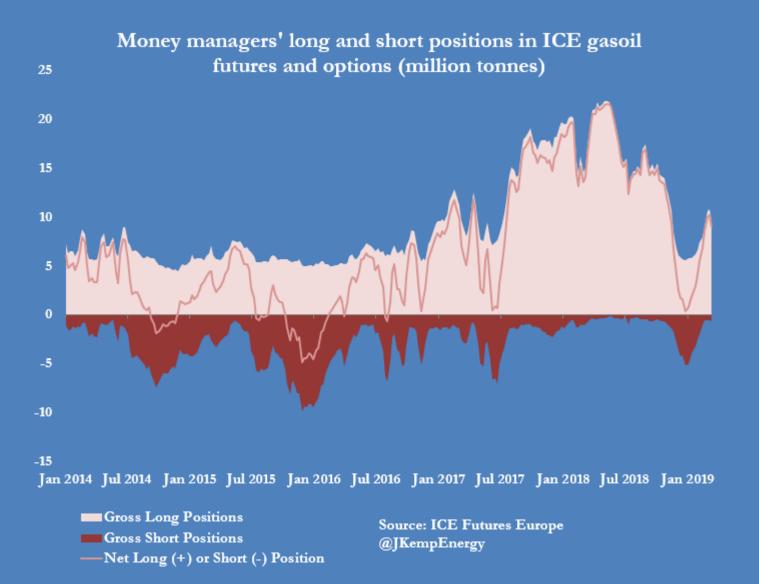
Ratio of money managers' long to short positions in New York #2 heating oil futures and options (log scale)



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 Jan 19

Source: US Commodity Futures Trading Commission @JKempEnergy

Hedge funds cut net long position in ICE gasoil by -1.22 million tonnes to 9.00 million tonnes (longs -1.09mn, shorts +0.14mn)



Hedge fund ratio of long to short positions in gasoil slipped to 14.33 down from peak of 19.97 the prior week

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



0.10 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Source: ICE Futures Europe @JKempEnergy