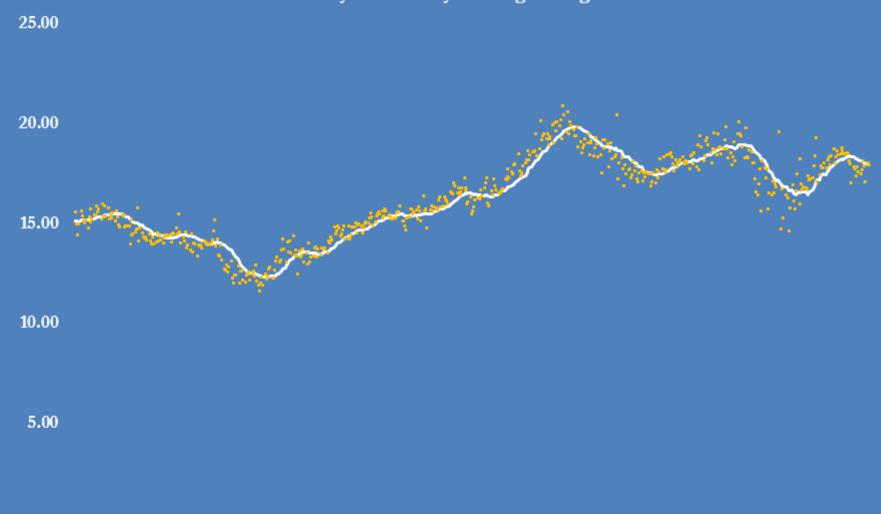
IMO fuel regulations and middle distillate prices Selected indicators

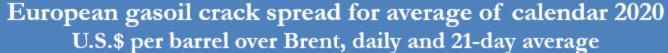
JOHN KEMP REUTERS 27 March 2019

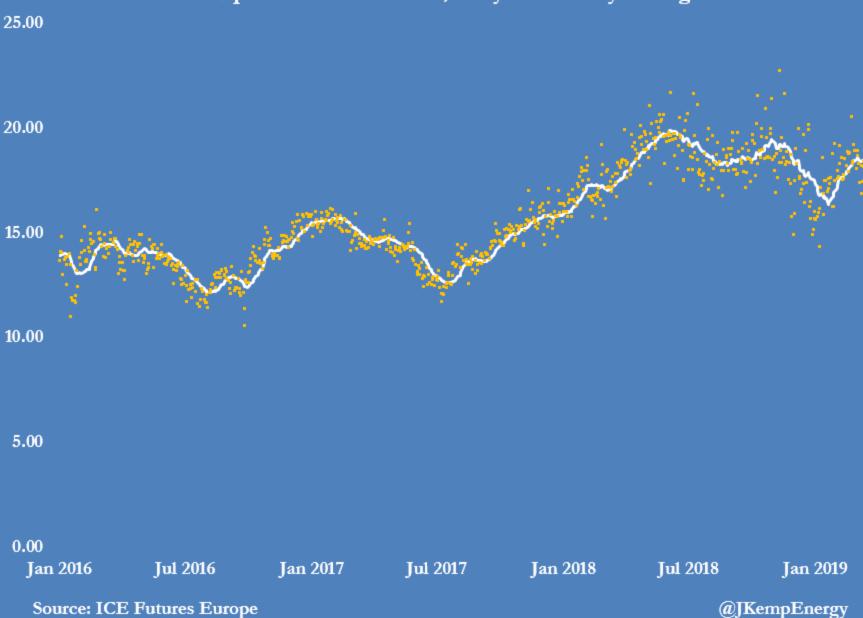
European gasoil premium to Brent for January 2020

U.S.\$ per barrel, first month of new IMO bunker fuel regulations daily and 20-day moving average

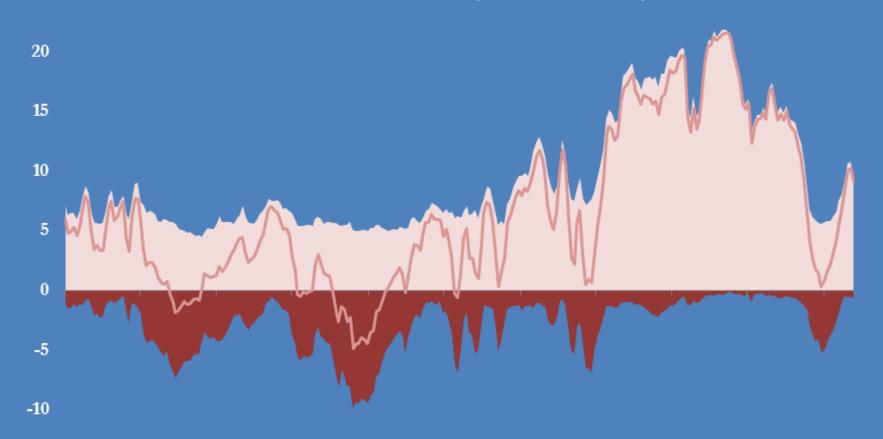








Money managers' long and short positions in ICE gasoil futures and options (million tonnes)



-15 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Gross Long Positions

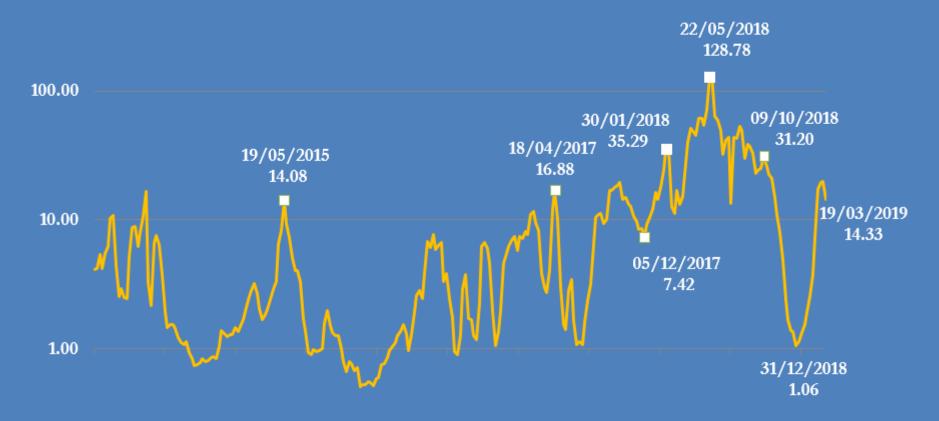
25

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

Source: ICE Futures Europe

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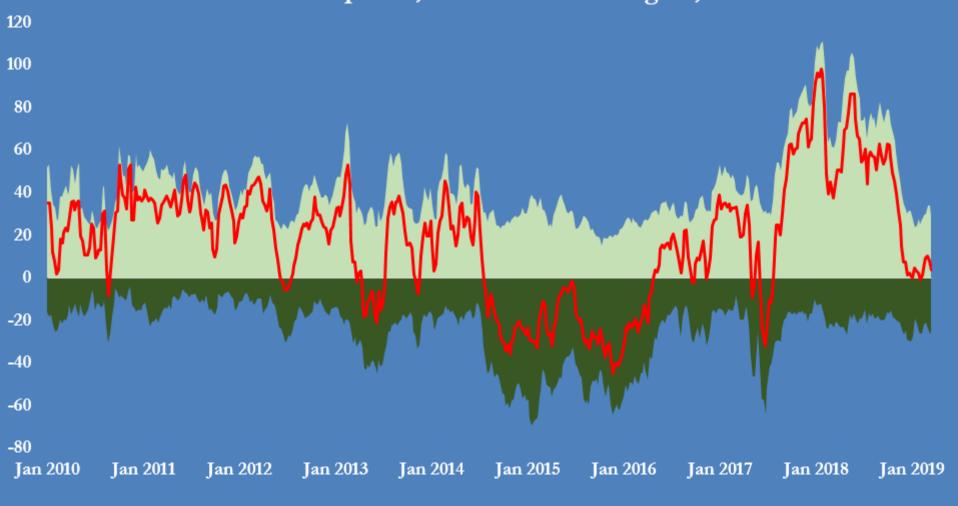
Ratio of money managers' long and short positions in ICE gasoil futures and options (semi-log scale)

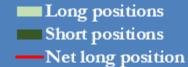


0.10 Jan 2014 Jul 2014 Jan 2015 Jul 2015 Jan 2016 Jul 2016 Jan 2017 Jul 2017 Jan 2018 Jul 2018 Jan 2019

Source: ICE Futures Europe @JKempEnergy

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

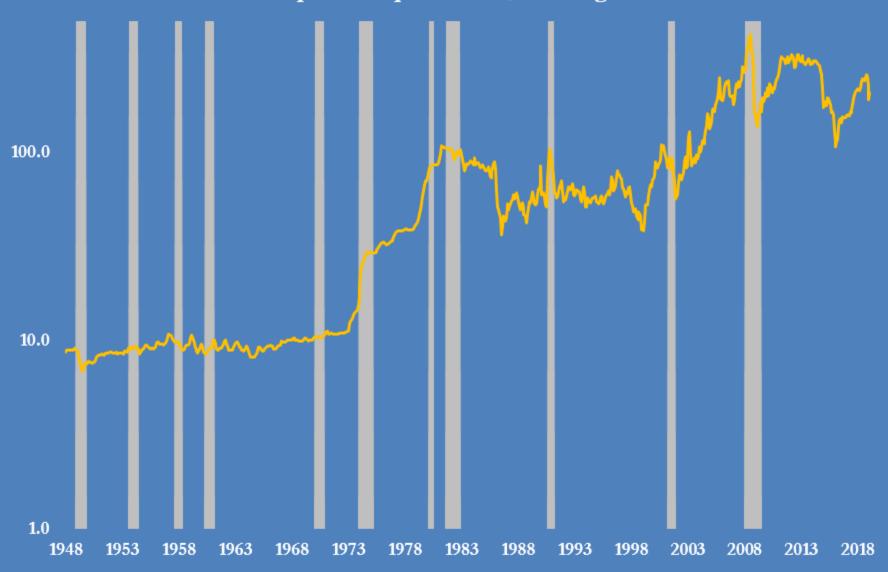




Source: US Commodity Futures Trading Commission

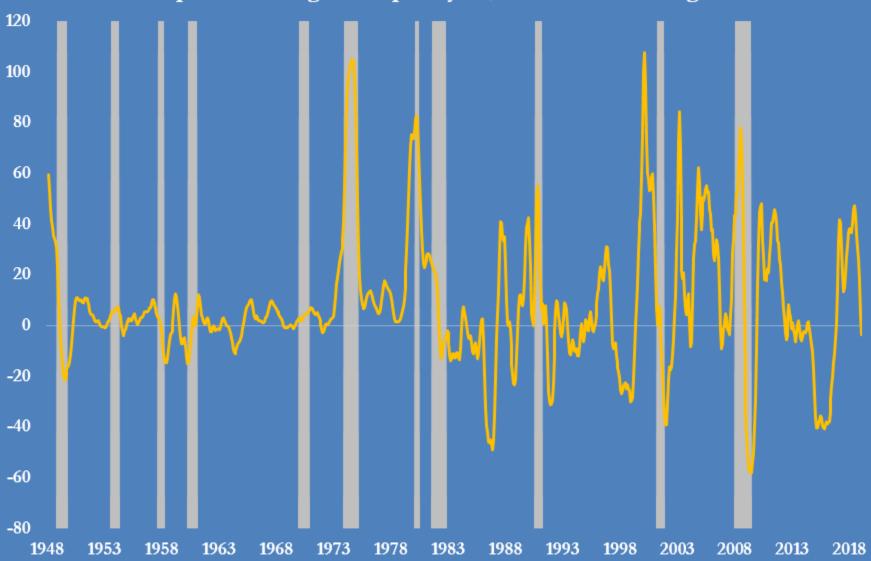
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U.S. light fuel oil prices and recessions, 1948-2019 fuel in producer price index, semi-log scale



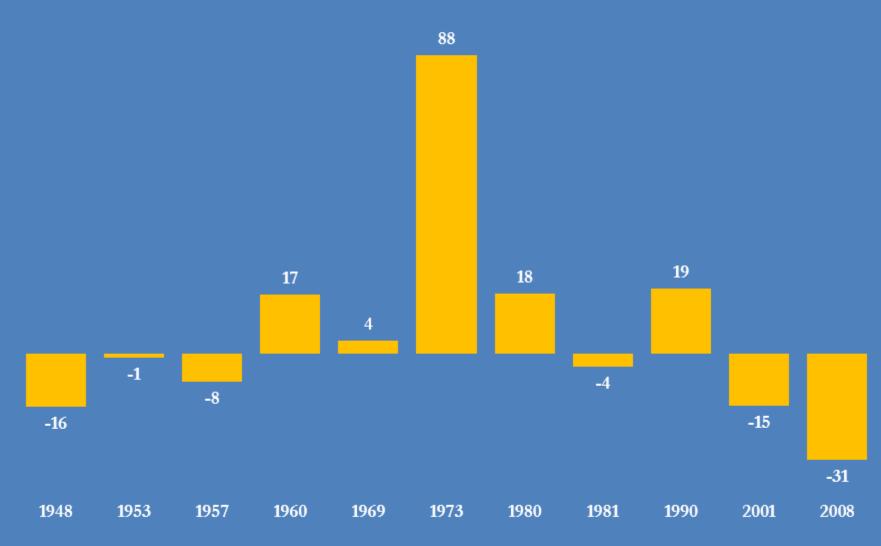
Sources: U.S. Bureau of Labor Statistics, National Bureau of Economic Research @JKempEnergy

U.S. light fuel oil prices and recessions, 1948-2019 percent change from prior year, three-month average



Sources: U.S. Bureau of Labor Statistics, National Bureau of Economic Research @JKempEnergy

Percent change in U.S. light oil price during recessions starting in years shown, 1948-2019



Sources: Board of Governors of the Federal Reserve System, National Bureau of Economic Research @JKempEnergy