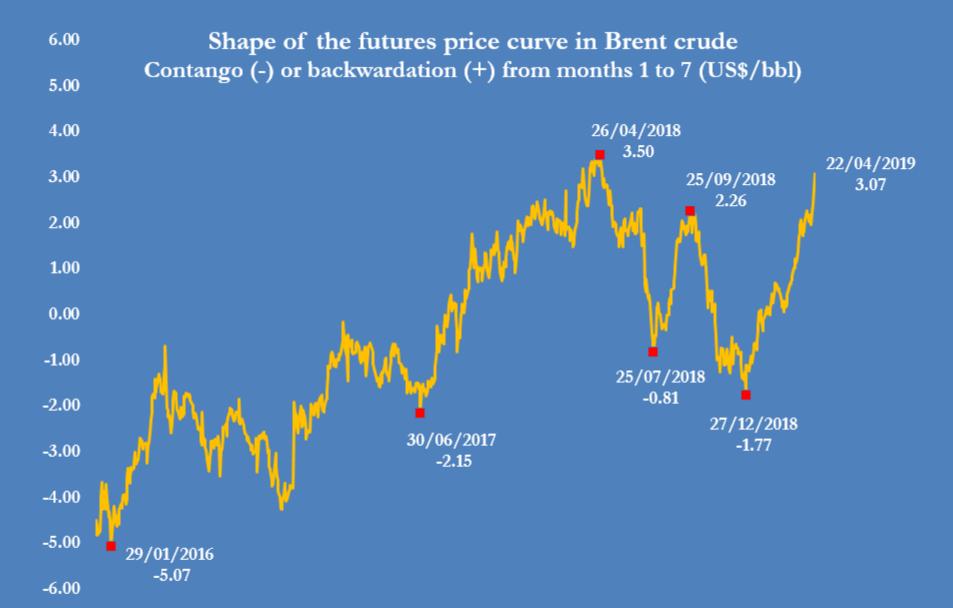
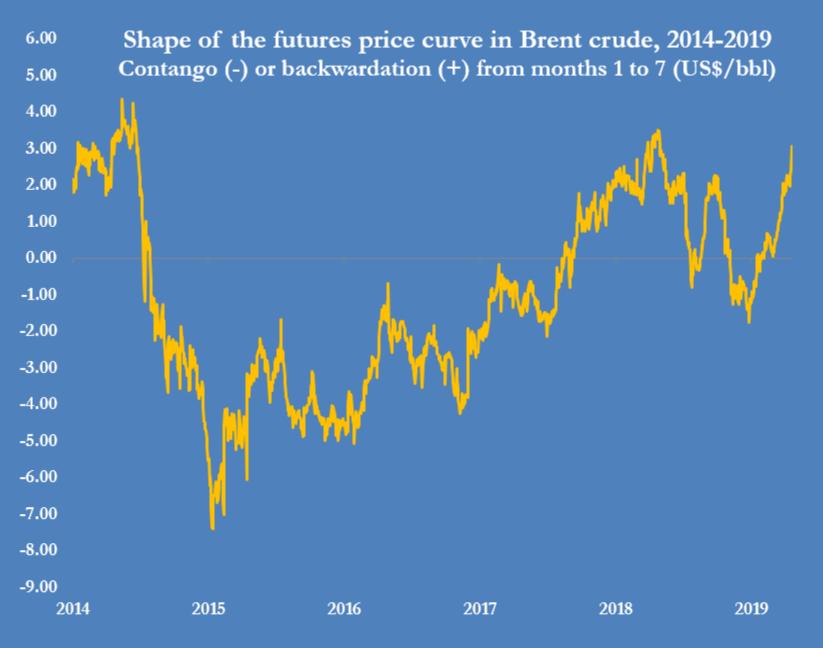
Brent calendar spread Selected indicators

JOHN KEMP REUTERS 23 April 2019

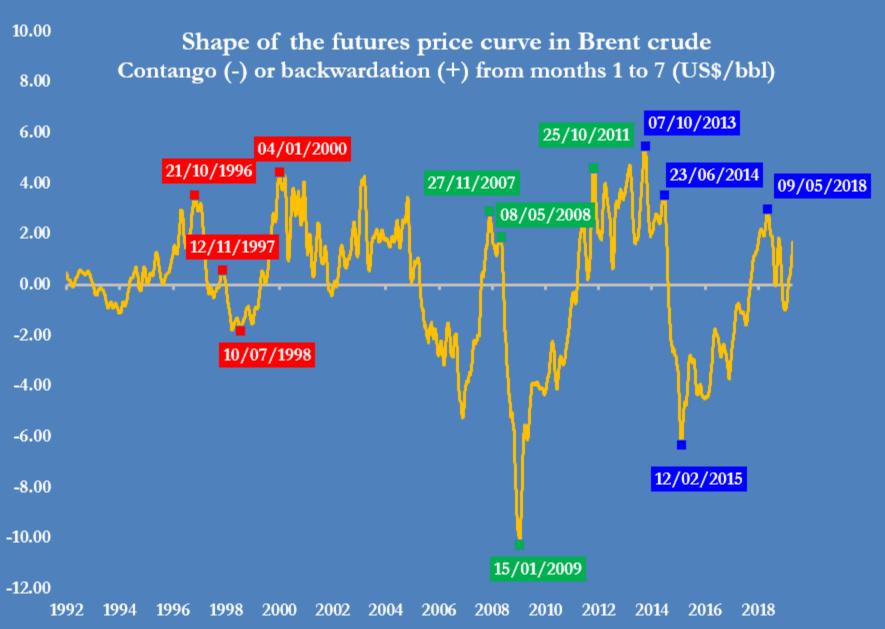


Price difference Brent month 1 and month 7 (U.S.\$/bbl)
Contango (-) or backwardation (+)

Source: ICE Futures, @JKempEnergy

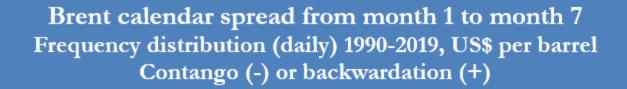


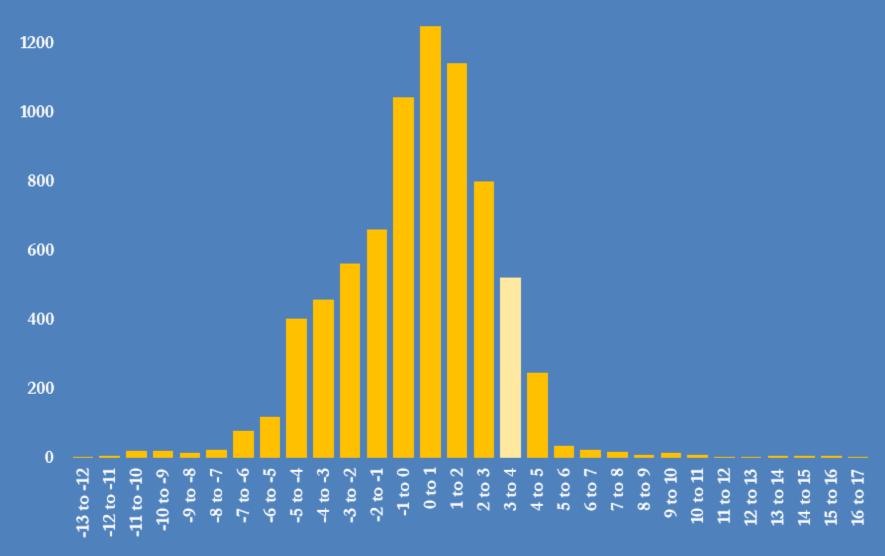
Price difference Brent month 1 and month 7 (U.S.\$/bbl) Source: ICE Futures, @JKempEnergy Contango (-) or backwardation (+)



Price difference between 1st listed contract month and 7th listed contract month for Brent futures (U.S.\$/bbl)
Contango (-) or backwardation (+) averaged over 30 days

Source: Thomson Reuters Eikon, ICE Futures @JKempEnergy



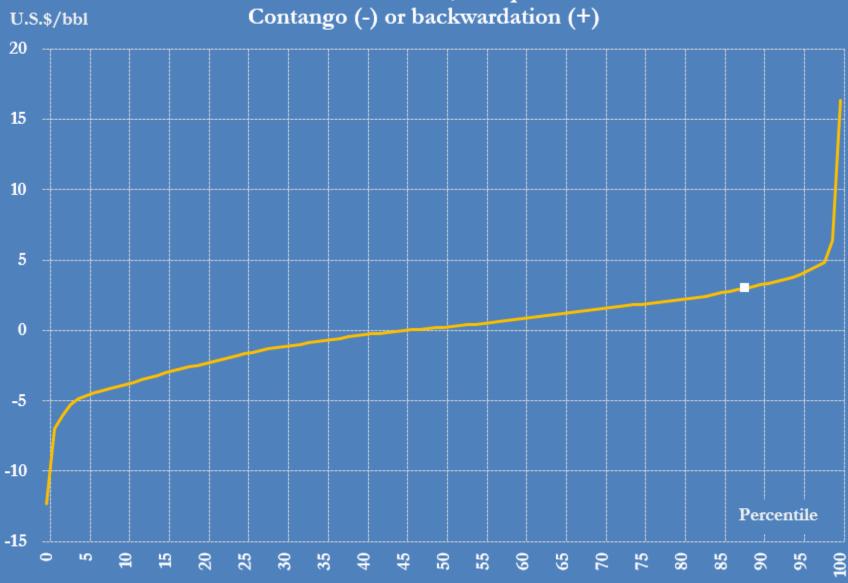


Source: ICE Futures Europe

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Brent calendar spread from month 1 to month 7 Percentiles 1990-2019, US\$ per barrel Contagge () or backwardstion (+)



Source: ICE Futures Europe