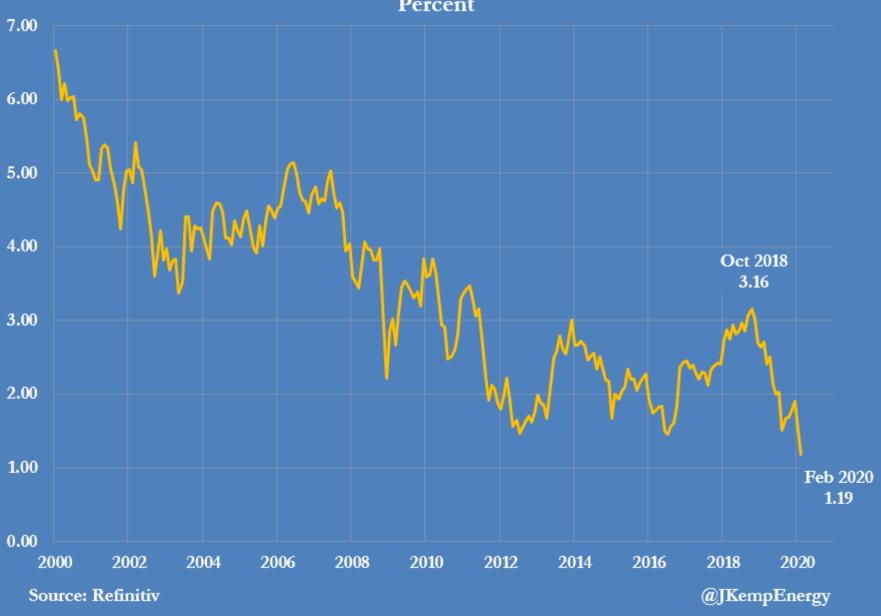
Financial and commodity markets price in recession risk Selected indicators

JOHN KEMP REUTERS 28 Feb 2020

Yield on U.S. 10-Year Treasury Notes, 1955-2020



Yield on U.S. 10-Year Treasury Notes, 2000-2020 Percent



Yield on 10-year U.S. Treasury inflation-protected securities (TIPS), percent, 2003-2020



2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

Source: Board of Governors of the Federal Reserve System

Yield on 10-year U.S. Treasury inflation-protected securities (TIPS), percent, 2017-2020



Source: Board of Governors of the Federal Reserve System

Expected federal funds rate in April 2020 Percent, implied by futures prices



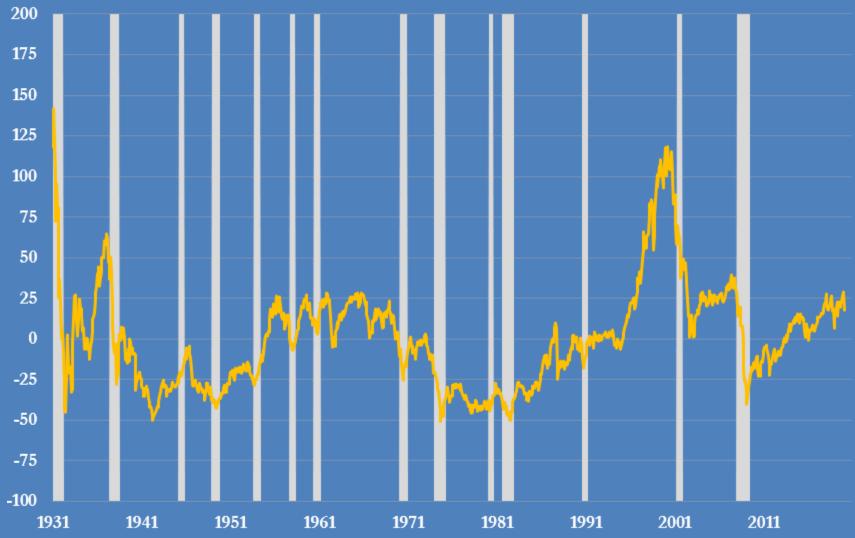
Source: CME Group

Brent front-month futures prices, 2000-2020 Percent change from prior year, monthly and three-month average



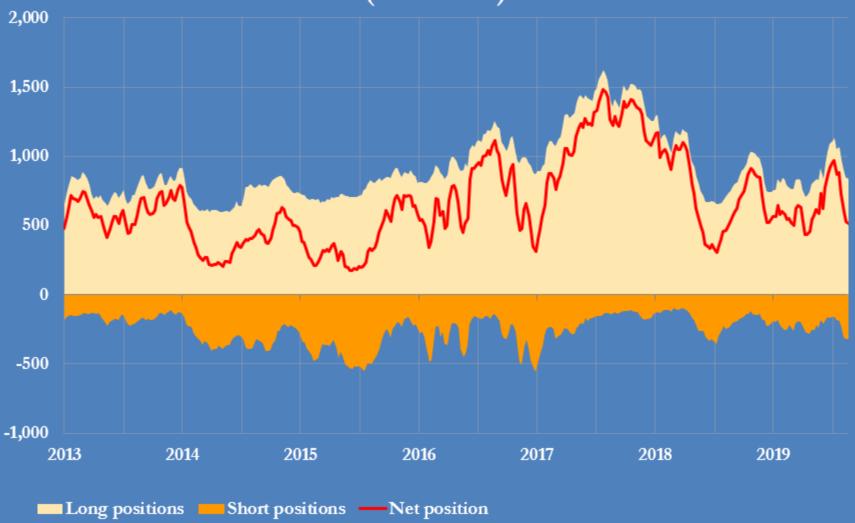
S&P500 equity index, 1931-2020





Source: Refinitiv Eikon

Money managers' total long and 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