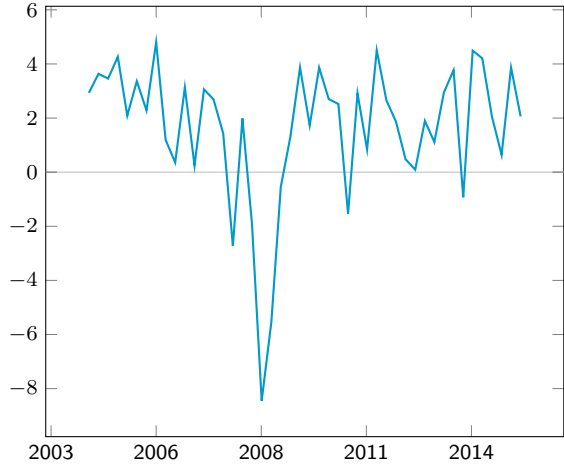


MACRO AND MARKETS DASHBOARD: United States

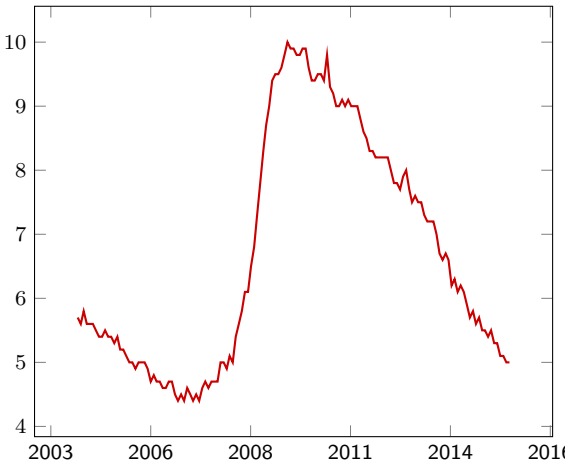
I. Macroeconomic Indicators

GDP growth (percentage change)



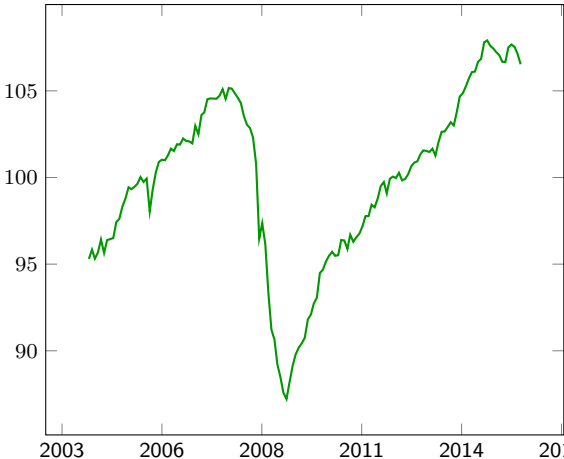
Quandl: FRED/GDPC1

Unemployment rate



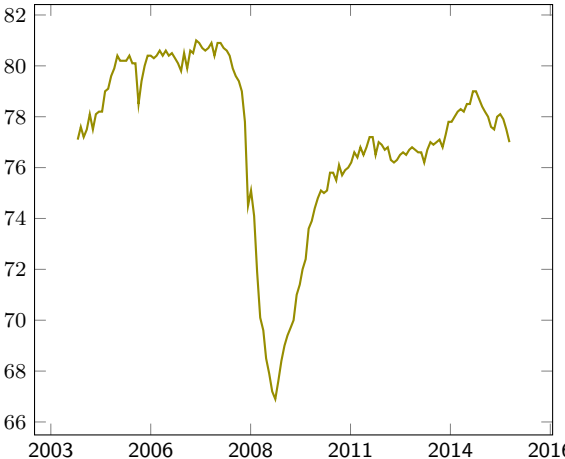
Quandl: FRED/UNRATE

Industrial production index (2007=100)



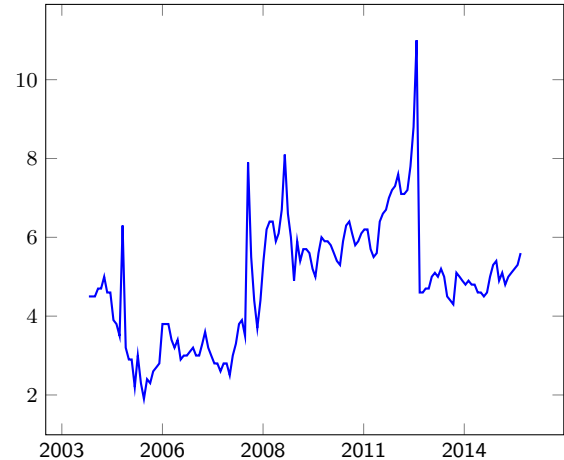
Quandl: FRED/INDPRO

Capacity utilization (percentage of capacity)



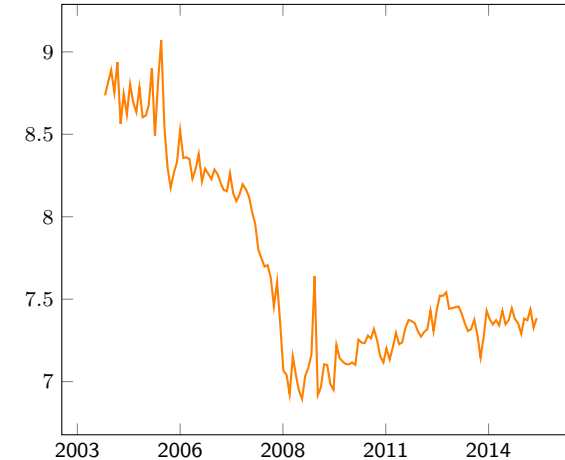
Quandl: FRED/TCU

Personal savings rate (percentage of disposable income)



Quandl: FRED/PSAVERT

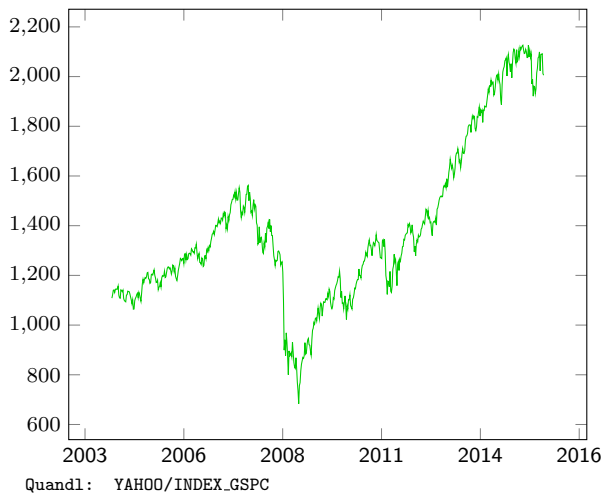
Durable goods spending (percentage of GDP)



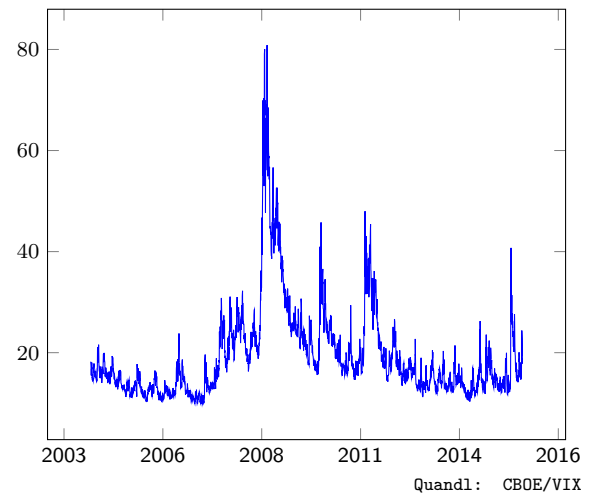
Quandl: FRED/PCEDG

II. Markets

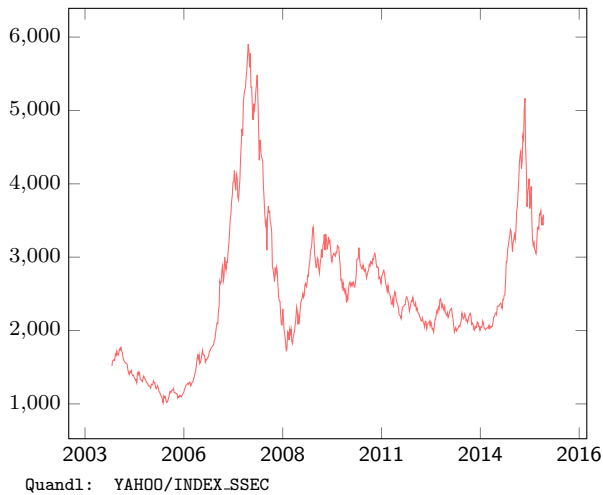
S&P 500



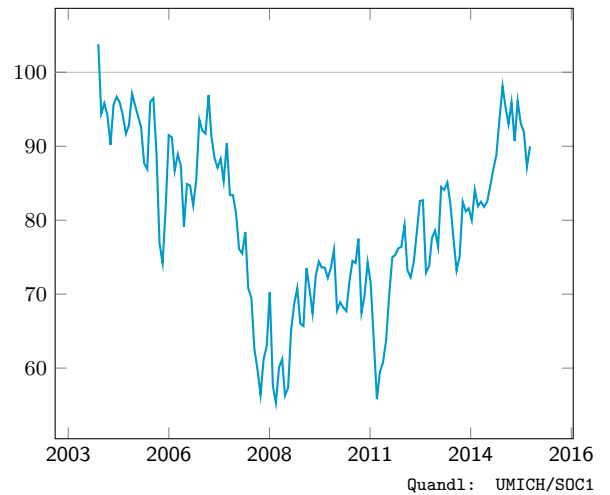
Volatility index



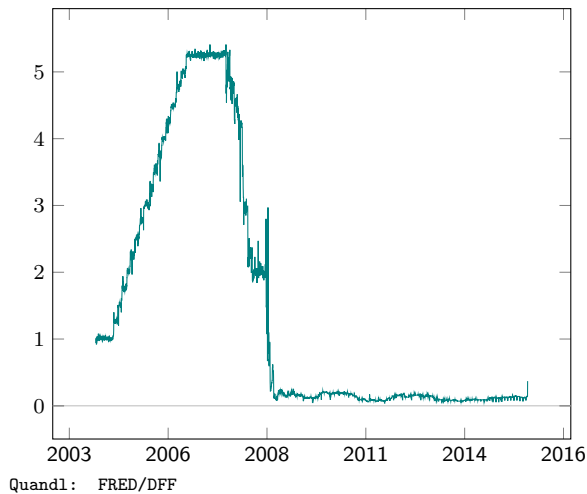
Shanghai composite index



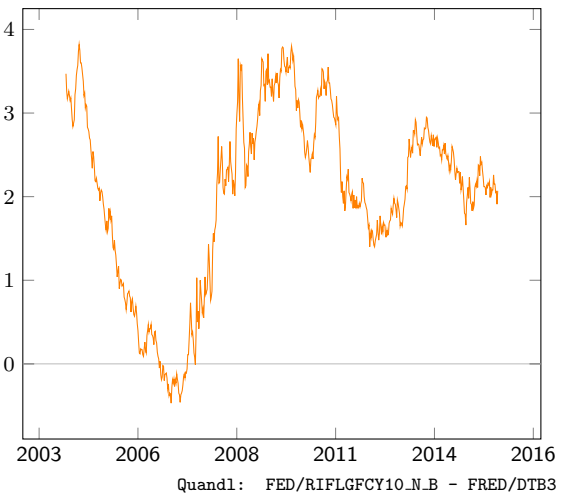
Consumer sentiment



Effective fed funds rate

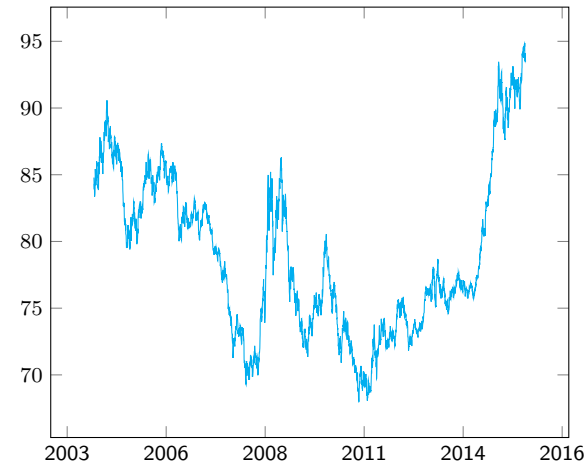


Yield spread (10 year treasury - 3 month t-bill)



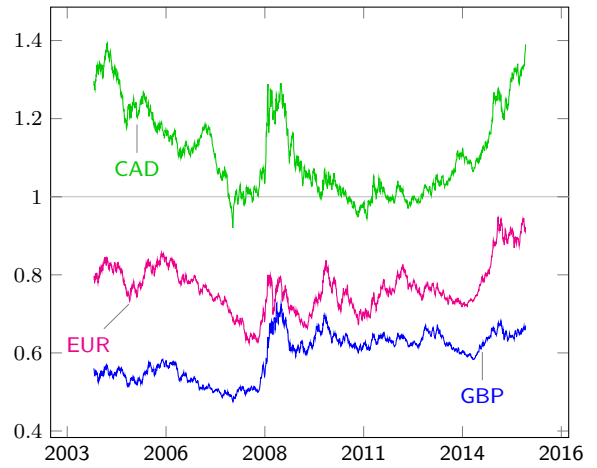
III. Trade

Trade weighted dollar (1973=100)



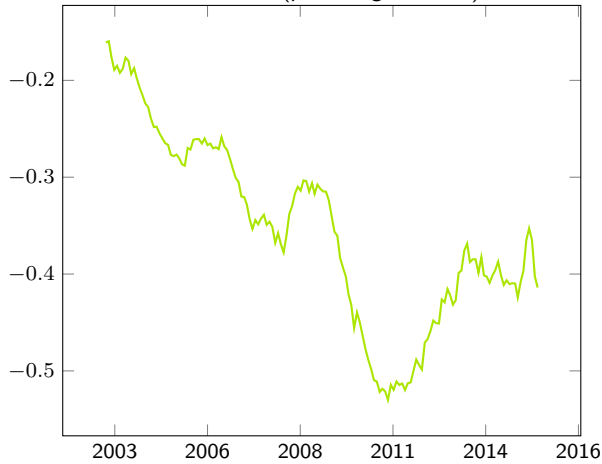
Quandl: FRED/DTWEXM

Exchange rates (CUR/USD)



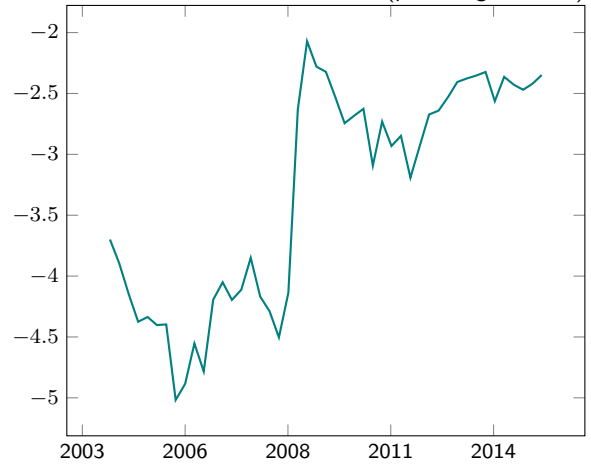
Quandl: CURRFX/USD(CUR)

Balance on advanced tech. (percentage of GDP)



Quandl: USCENSUS/IE_0007 / FRED/GDP

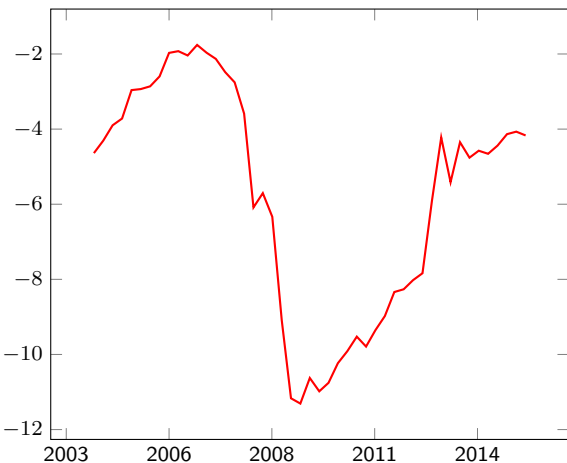
Trade balance (percentage of GDP)



Quandl: FRED/BOPGSTB / GDP

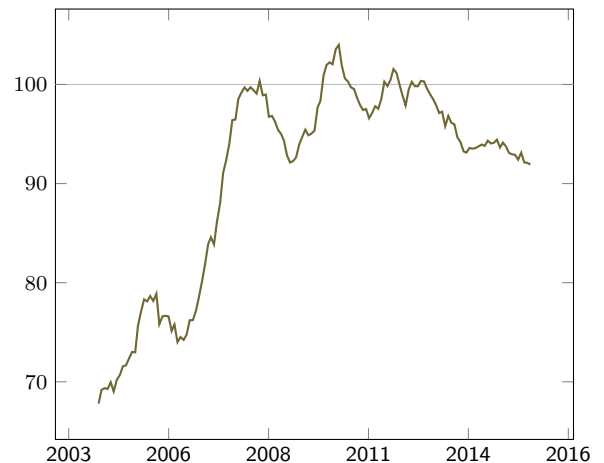
IV. Government

Gov. deficit (percentage of GDP)



Quandl: FRED/GRECPT - GEXPEND / GDP

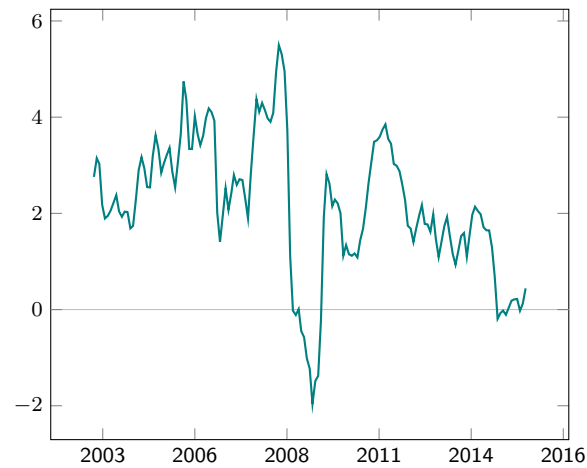
Defense and space IP (2012=100)



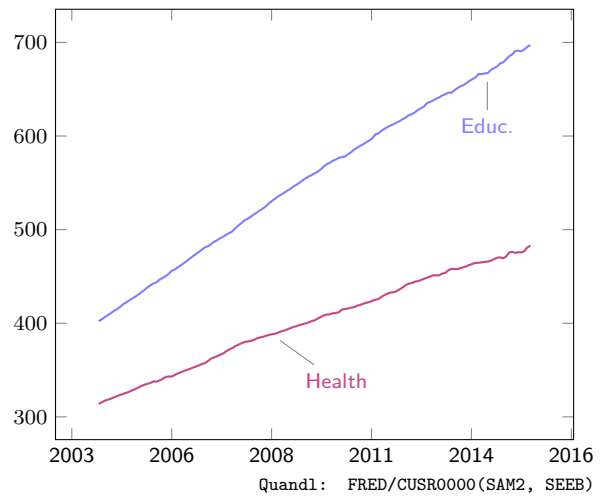
Quandl: FED/IP_B52300_S

V. Prices

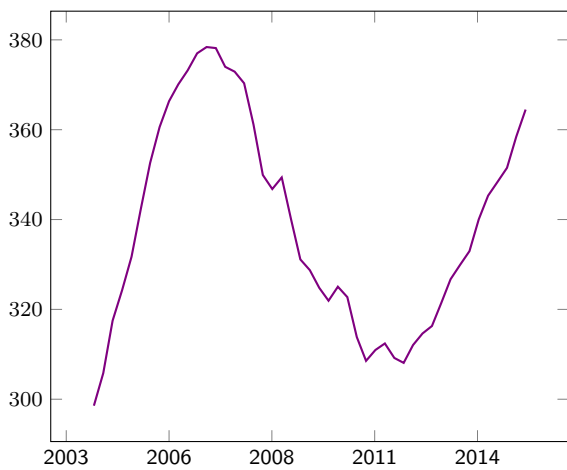
CPI growth (percentage change)



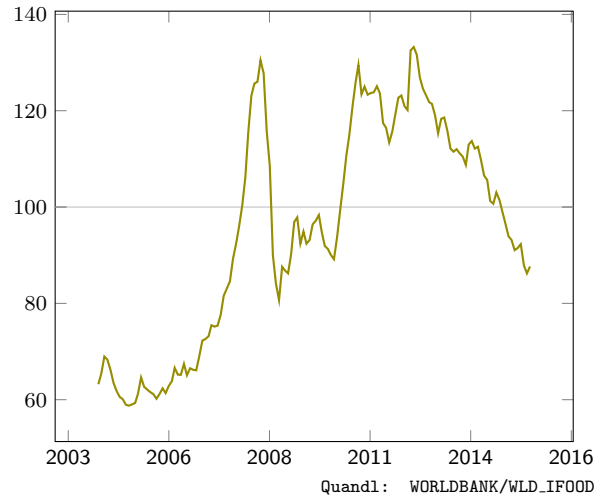
Medical and tuition costs (1982-84=100)



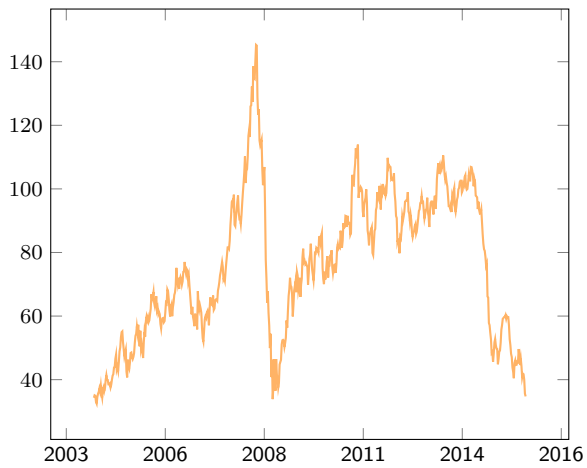
Housing price (1980=100)



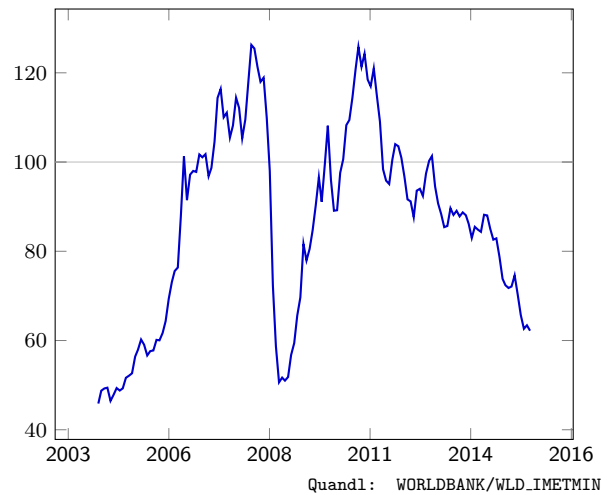
Food price (world, 2000=100)



Oil price (USD per barrel, WTI)



Metals prices (world, 2000=100)



VI. Exchange rates expanded

Currency	As of:	Rate	1mo%ch	1day%ch
EUR / USD	2015-12-18	0.922	-1.76	0.36
GBP / USD	2015-12-18	0.670	1.87	0.33
JPY / USD	2015-12-18	122.092	-1.05	-0.15
CAD / USD	2015-12-18	1.390	4.14	0.63
CNY / USD	2015-12-18	6.477	1.46	0.00
AUD / USD	2015-12-18	1.398	-0.75	0.39
RUB / USD	2015-12-18	71.011	8.45	1.16
NZD / USD	2015-12-18	1.488	-3.91	0.36
SEK / USD	2015-12-18	8.555	-2.19	0.25
NOK / USD	2015-12-18	8.766	0.94	0.17
BRL / USD	2015-12-18	3.899	2.49	-0.03
TRY / USD	2015-12-18	2.926	1.97	-0.63
MXN / USD	2015-12-18	17.028	1.63	-0.14
ZAR / USD	2015-12-18	15.103	5.51	0.58
NGN / USD	2015-12-18	199.317	0.15	-0.18
EGP / USD	2015-12-18	7.830	-0.01	-0.01
THB / USD	2015-12-18	36.126	0.37	0.22
INR / USD	2015-12-18	66.300	0.40	-0.26
CHF / USD	2015-12-18	0.995	-1.99	0.22
MYR / USD	2015-12-18	4.302	-1.79	-0.32
ARS / USD	2015-12-18	9.783	1.50	0.00
DKK / USD	2015-12-18	6.881	-1.80	0.34
PHP / USD	2015-12-18	47.386	0.40	0.06
ILS / USD	2015-12-18	3.892	-0.34	0.22

Quandl: CURRFX/USD(CUR)