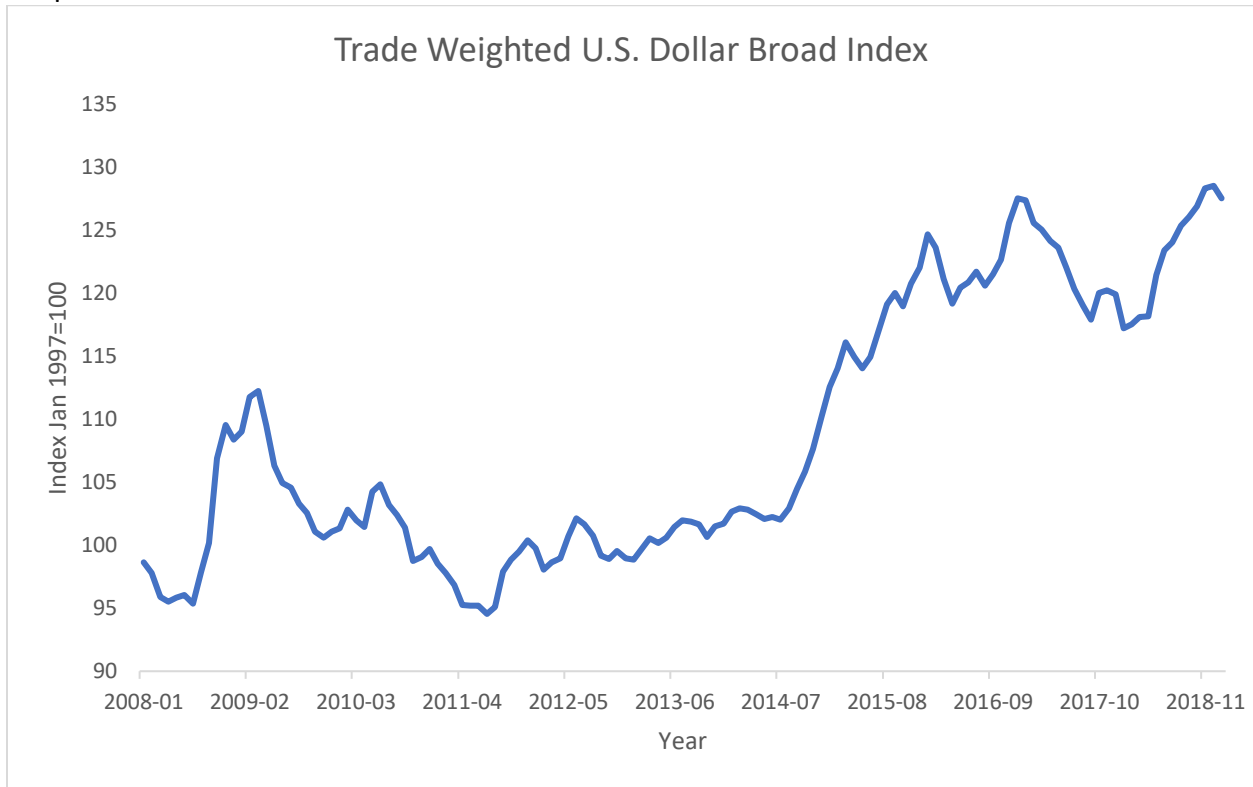
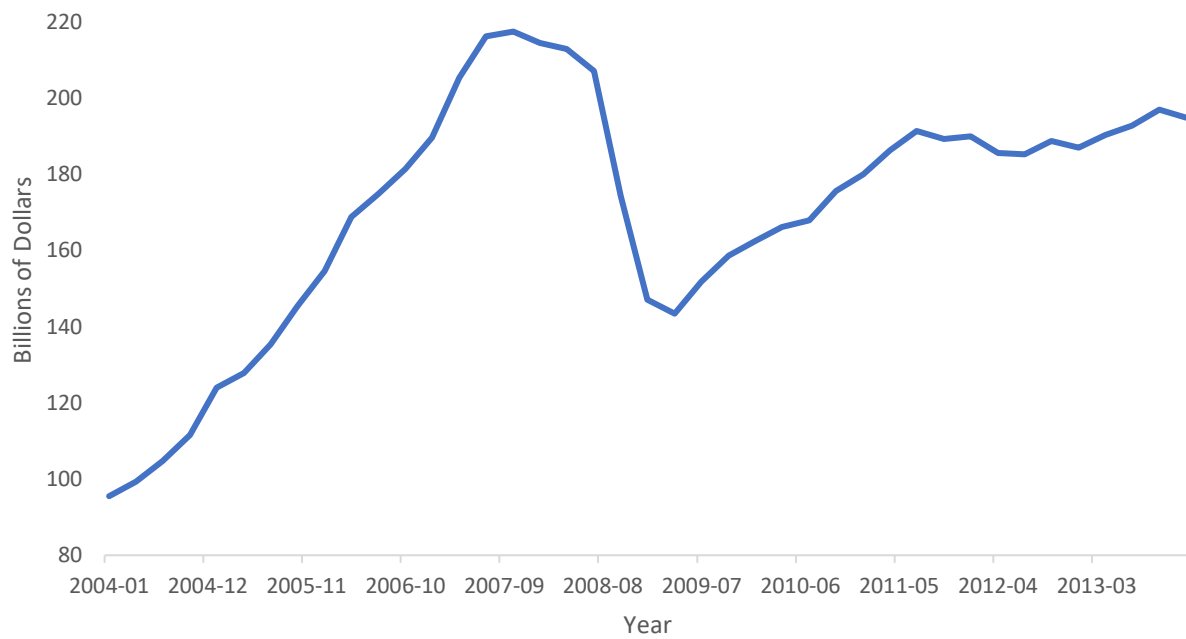


Jesse Conway
Homework 5

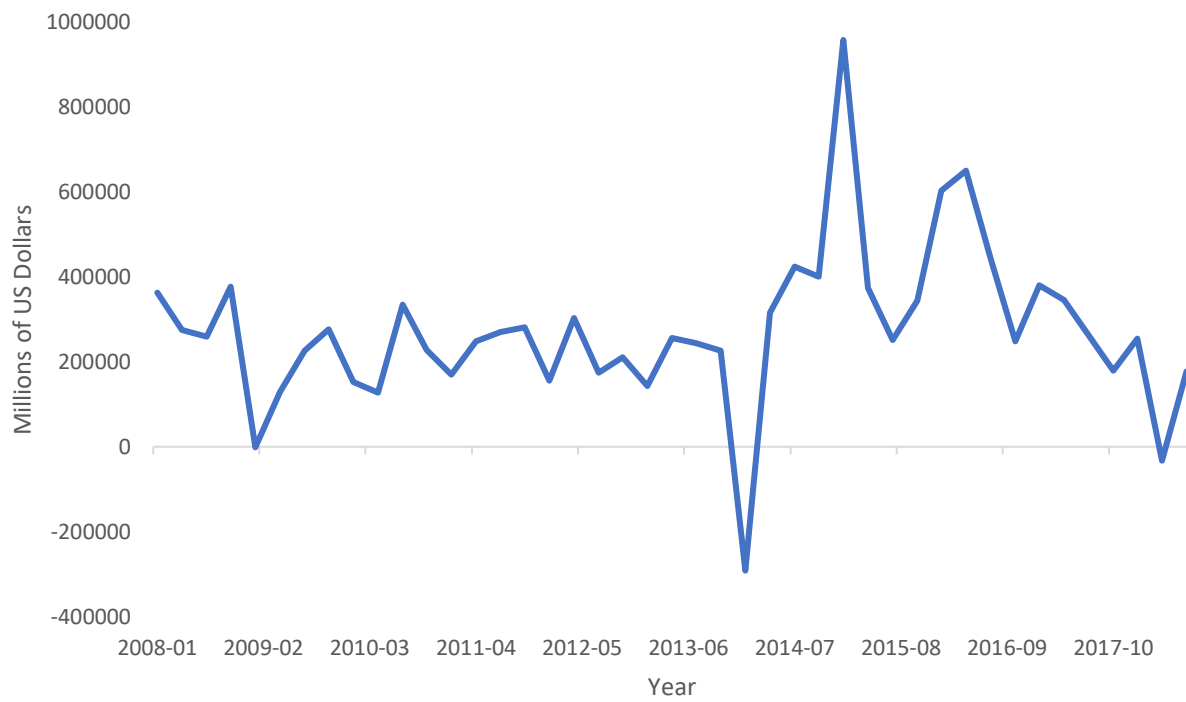
Graphs:



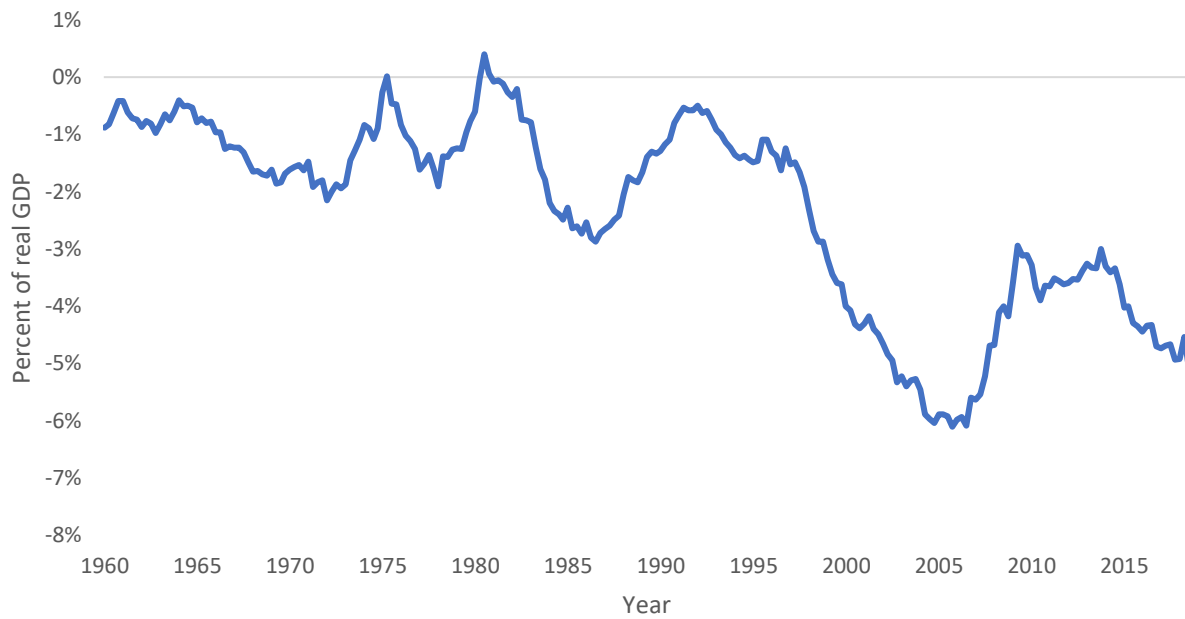
Income Receipts on US Assets Abroad



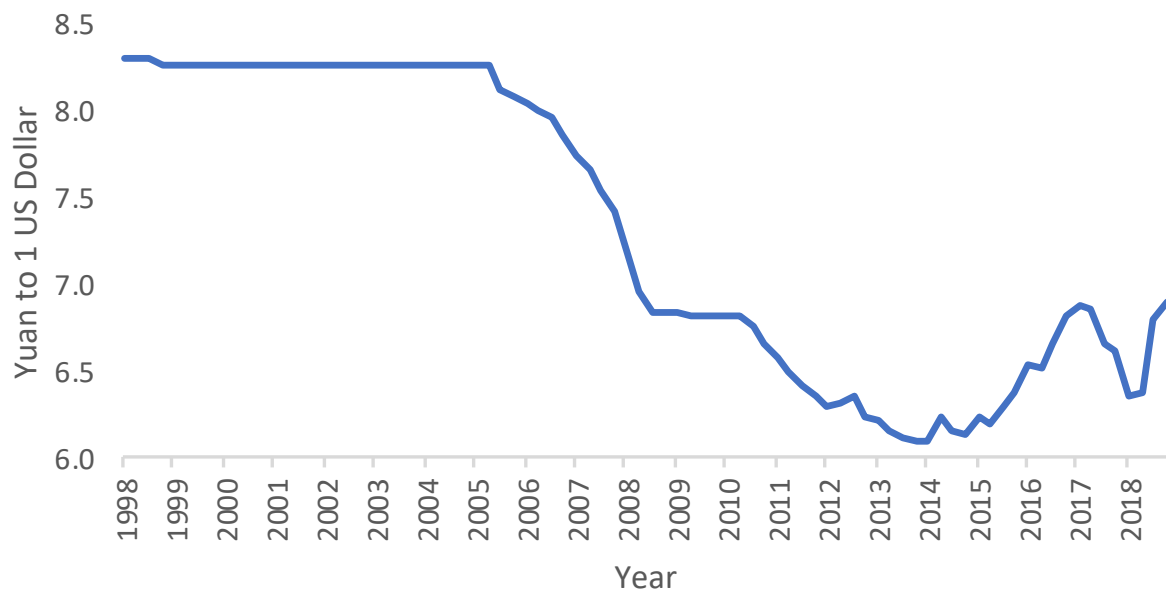
Foreign Direct Investment in the US



Real Net Exports as a Percent of GDP



United States China Exchange Rate



What the Data Tells us:

Net Exports as a Share of GDP:

	x <dbl>
nbr.val	235.00000000
nbr.null	0.00000000
nbr.na	0.00000000
min	-5.90000000
max	-2.20000000
range	3.70000000
sum	-885.40000000
median	-3.50000000
mean	-3.76765957
SE.mean	0.06428283
CI.mean.0.95	0.12664706
var	0.97108638
std.dev	0.98543715
coef.var	-0.26155154

14 rows

Yuan to One US Dollar:

	x <dbl>
nbr.val	235.00000000
nbr.null	0.00000000
nbr.na	0.00000000
min	0.86818871
max	1.56252031
range	0.69433160
sum	283.80652087
median	1.22891613
mean	1.20768732
SE.mean	0.01101180
CI.mean.0.95	0.02169495
var	0.02849606
std.dev	0.16880777
coef.var	0.13977771

14 rows

Foreign Direct Investment in the US:

	x <dbl>
nbr.val	2.350000e+02
nbr.null	0.000000e+00
nbr.na	0.000000e+00
min	-2.916640e+05
max	9.575560e+05
range	1.249220e+06
sum	5.512246e+07
median	2.265320e+05
mean	2.345637e+05
SE.mean	1.075791e+04
CI.mean.0.95	2.119473e+04
var	2.719715e+10
std.dev	1.649156e+05
coef.var	7.030739e-01

14 rows

Trade Weighted US Dollar Index:

	Trade Weighted US Dollar Idex <dbl>
nbr.val	1.830000e+02
nbr.null	0.000000e+00
nbr.na	0.000000e+00
min	8.121727e+01
max	1.270770e+02
range	4.585970e+01
sum	1.755020e+04
median	9.455173e+01
mean	9.590275e+01
SE.mean	6.724279e-01
CI.mean.0.95	1.326757e+00
var	8.274514e+01
std.dev	9.096436e+00
coef.var	9.485062e-02

14 rows

Income Receipts on US Assets Abroad:

Income Receipts	
<dbl>	
nbr.val	217.000000
nbr.null	0.000000
nbr.na	0.000000
min	1.127000
max	217.479000
range	216.352000
sum	11611.112000
median	27.235000
mean	53.507429
SE.mean	4.251717
CI.mean.0.95	8.380167
var	3922.730817
std.dev	62.631708
coef.var	1.170524
14 rows	

Net Exports:

Net exports do not appear to make up a large portion of GDP, given the mean value over the time period -3.7%. Net exports also appear to decrease (become increasingly more negative) over time.

Some of the key variables that explain changes in net exports over time are:

- Trade policies (tariffs)
- Exchange rates
- Demand for certain goods

Income Receipts:

In the last 10 years, income receipts reached a peak just before the 2008 recession, in which it dipped heavily from around 215 to 140 billions of dollars.

Some of the key variables that may explain changes in income receipts on US assets abroad are:

- GDP growth
- Global growth

Trade Weighted US Dollar Index:

The US dollar index has appeared to, which peaked around 2009, has increased in the last 5 years, signifying an upward trend in the strength of the dollar.

Some key variables that may explain changes in this index are:

- Inflation
- Interest rates
- Consumption
- GDP growth
- Debt

FDI in the US:

Foreign Direct Investment in the United States has exhibited ups and downs in the last ten years, but has remained relatively constant within a certain range.

Some key variables that may explain the changes in the variable are:

- Wages
- Infrastructure
- Taxes
- Exchange rates
- GDP growth

Exchange Rate (China to US):

The exchange rate with the Chinese Yuan from over 8 to around 6 in the last 10 years. Although overall the strength of the dollar has increased, the Chinese currency has relatively become stronger.

Some factors that may explain these changes are:

- Inflation
- Interest rates
- Consumption
- GDP growth
- Debt
- Trade