

Market Data

The Fed publishes daily selected interest rates here -
<https://www.federalreserve.gov/releases/H15/current/default.htm>
They provide:

Federal Funds

Commercial Paper 1,2,3 month Financial and Nonfinancial

Eurodollar deposits 1m, 3m, and 6m

Bank prime loan

Discount window primary credit

US government securities

 Bills 4w, 3m, 6m, 1y.

 Constant maturities 1m, 3m, 6m, 1y, 2y, 3y, 5y, 7y, 10y, 20y, 30y.

 Inflation indexed 5y, 7y, 10y, 20y, 30y.

Interest rate swaps 1y, 2y, 3y, 4y, 5y, 7y, 10y, 30y.

Corporate bonds: Moody's Aaa and Baa, State & local bonds, conventional mortgages.*

Need a pointer to where in the Fed website the historical interest rates are obtained.

The Fed also provides a Supervisory Historic Domestic .csv file showing the quarterly market data for several decades. WE can set up some basic security models against this data and the historical interest rate data.

The Supervisory data includes:

Real GDP growth

Nominal GDP growth

Real disposable income growth

Nominal disposable income growth

Unemployment rate

CPI inflation rate

3-month Treasury rate

5-year Treasury yield

10-year Treasury yield

BBB-corporate yield

Mortgage rate

Prime rate

Dow Jones Index

House Price Index

Commercial Real Estate Price Index

Market Volatility Index

CCAR scenarios are more involved, including a wider range of market data, but I do not see the Fed providing the historic actual values for each element of their scenario market data. I think many of the CCAR security models fit to the CCAR scenarios for static forward simulation. For our purposes (mainly simply at the moment) we will model and run static forward simulation off of the Interest rate and Supervisory data. We should collect about 2-3 years of full quarterly data for development.

References:

<https://www.federalreserve.gov/newsevents/press/bcreg/bcreg20160128a2.pdf>

<https://www.federalreserve.gov/bankinfo/bcreg/ccar.htm>

<https://www.federalreserve.gov/releases/H15/current/default.htm>