

The Components of Aggregate Expenditures

$$C = \text{intercept} + MPC_x Y$$

G == Fixed value

I = Fixed value

M \equiv Fixed value

We will use the following values for this example:

C \equiv 1000 + 0.9Y

G = 500 billion

1 = 1,000 billion

M = 500 billion

Exports(X) do NOT
depend on U.S. Income:

x = 800 billion

Net Exports($X-M$)
do NOT depend on
Income:

$$NX = 800 - 500 = 300$$

X \equiv Fixed value

$$C = (a + b)(Tr - Tx) + bY$$



Intercept:A

The Components of Aggregate Expenditures

$$\text{C} = \text{intercept} + \text{MPC}_x Y \qquad \text{C} = \underbrace{(a + b(\text{Tr}-\text{Tx}) + bY)}_{\text{Intercept:A}}$$

G = Fixed value

I = Fixed value

M = Fixed value

Exports(X) do NOT
depend on U.S. Income:

X = Fixed value

We will use the following values for this example:

$$\text{C} = 100 + 0.9Y$$

$$\text{G} = 500 \text{ billion}$$

$$\text{I} = 1,000 \text{ billion}$$

$$\text{M} = 500 \text{ billion} \qquad \text{X} = 800 \text{ billion}$$

Net Exports(X-M)

do NOT depend on
Income:

$$\text{NX} = 800 - 500 = 300$$

