



# The Components of Aggregate Expenditures

$$C \equiv \text{intercept} + \text{MPC}_x Y$$

**G**  $\equiv$  Fixed-value

|

=

Fixed

value

**N**  $\equiv$  Fixed-value

We will use the following values for this example:

C

=

1000

+

0.99



**G**

**=**

**500**

**billion**

**1** = 1,000 billion

**N** = 500 billion

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

**X**

**=**

**800**

**00**

**00**

**b**

**i**

**i**

**i**

**i**

**o**

**n**

Net Exports( $X-M$ )

do NOT depend on  
Income:

**NX** = 800 - 500 = 300

~~x~~ = Fixed value



$$C \equiv (a + b)(Tr - Tx) + bY$$



Intercept:A

# The Components of Aggregate Expenditures

**C** = intercept +  $MPC \times Y$

$$C = \underbrace{(a + b(T_r - T_x))}_{\text{Intercept: A}} + bY$$

**G** = Fixed value

**I** = Fixed value

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

**M** = Fixed value

**X** = Fixed value

We will use the following values for this example:

$$C = 100 + 0.9Y$$

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

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

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

**Net Exports(X-M)**

do NOT depend on  
Income:

$$NX = 800 - 500 = 300$$

$$X = 800 \text{ billion}$$

