

Real Income  
Billions

St. Louis  
Missouri  
St. Louis  
Missouri

5,000 - - - - -

3,500

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-

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-

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-

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2,000

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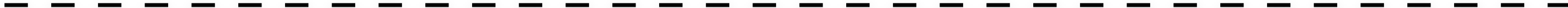
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1,250 - - - - -

4,250



2,750

[illegible]

1  
1  
1  
1  
1  
1  
1  
1  
1  
1

1,000

2,000



3,000

4,0000

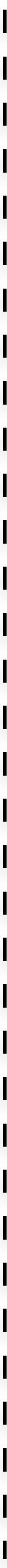




5,000



6,000

















# The Intercept



$$C = \text{intercept} + 0.75Y$$

$$3,500 = \text{intercept} + 0.75(4,000)$$

$$3,500 = \text{intercept} + 3,000$$

Choose *any* point

$$\text{intercept} = 3,500 - 3,000$$

$$\text{intercept} = 500$$





C

=

500

+

0.75Y

Calculating the intercept

$Y = 4,000$



$C = 3,500$







1

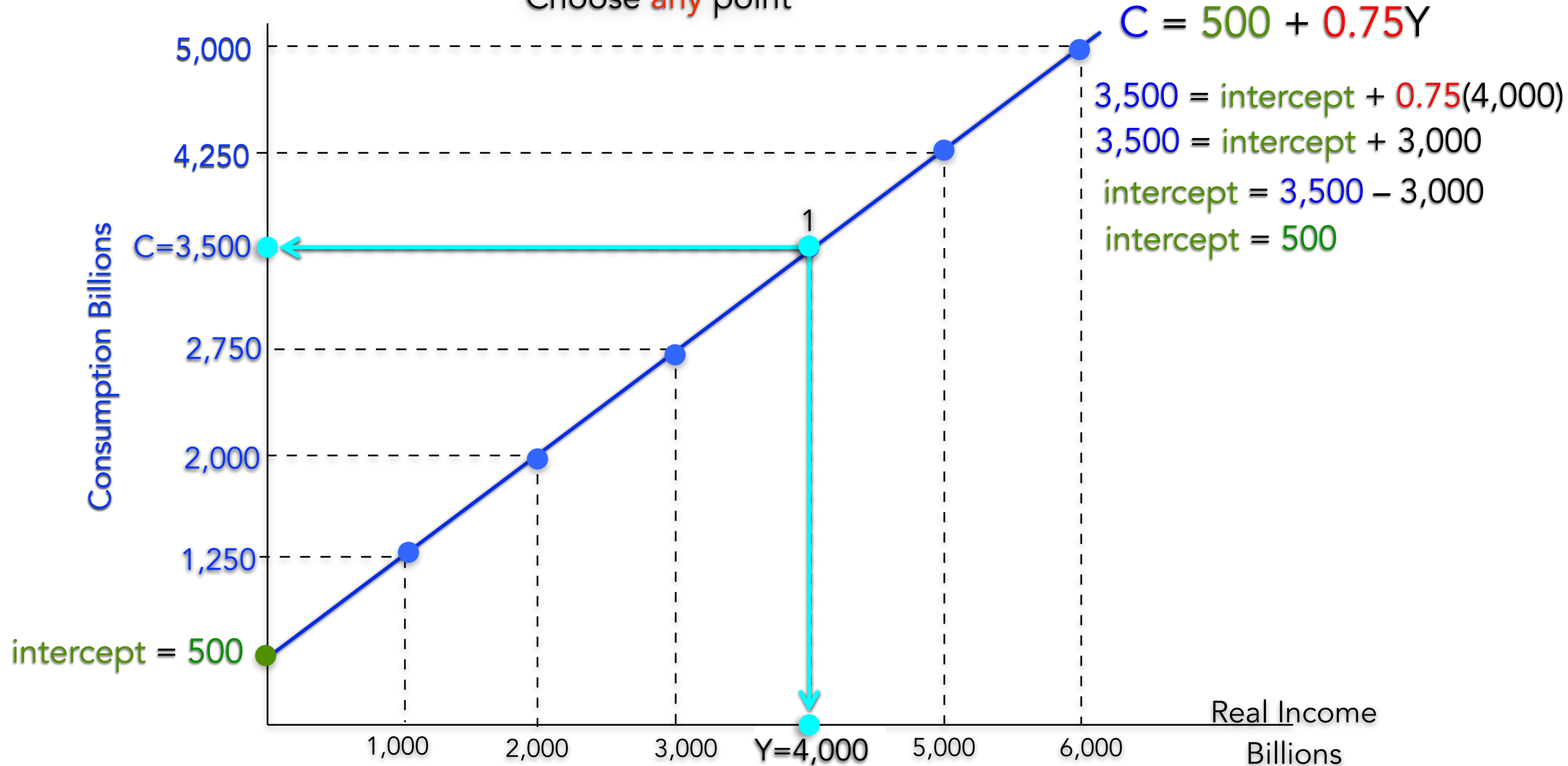


$$\text{intercept} = 500$$



# Calculating the **intercept**

Choose **any** point



# Using the slope

