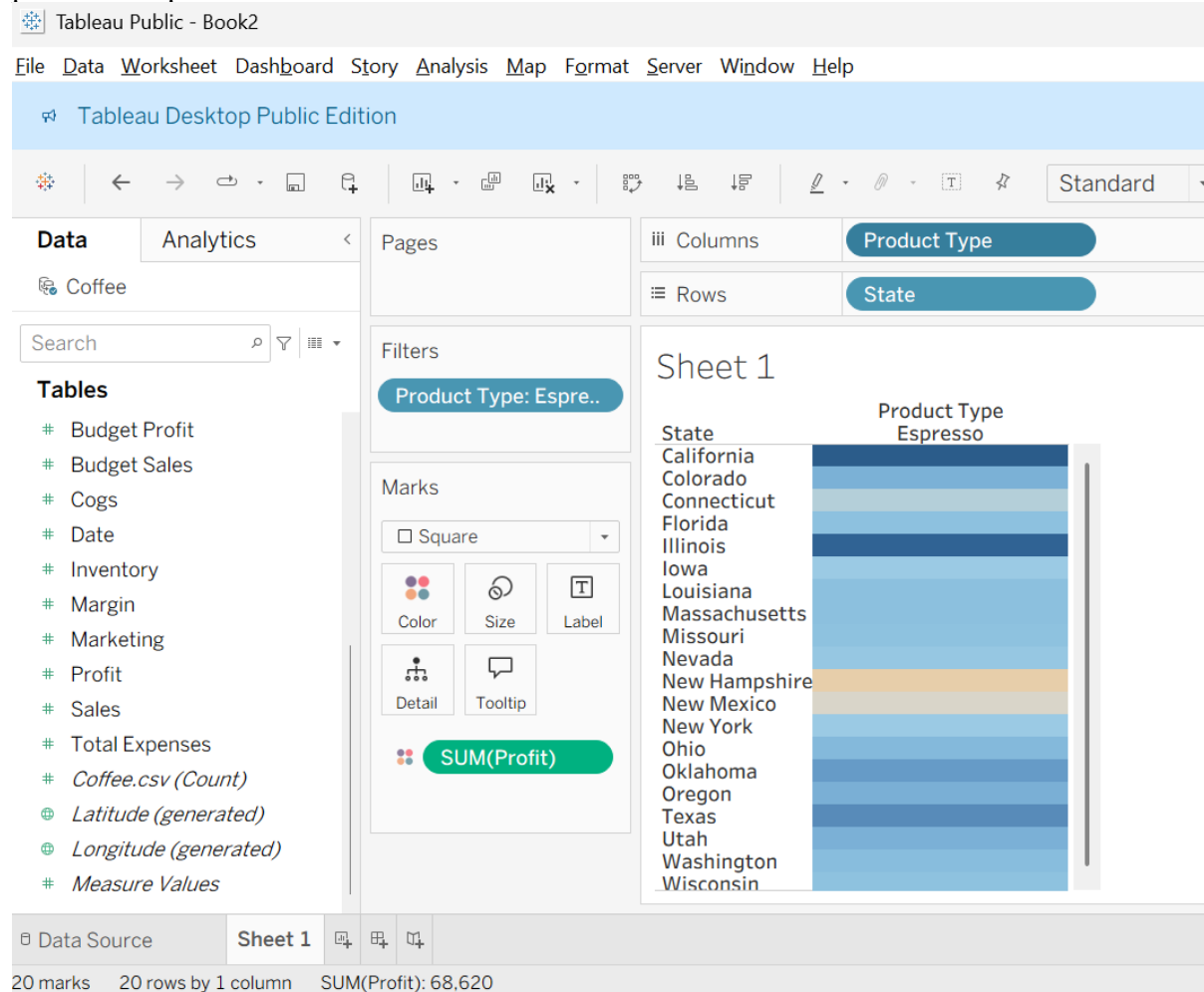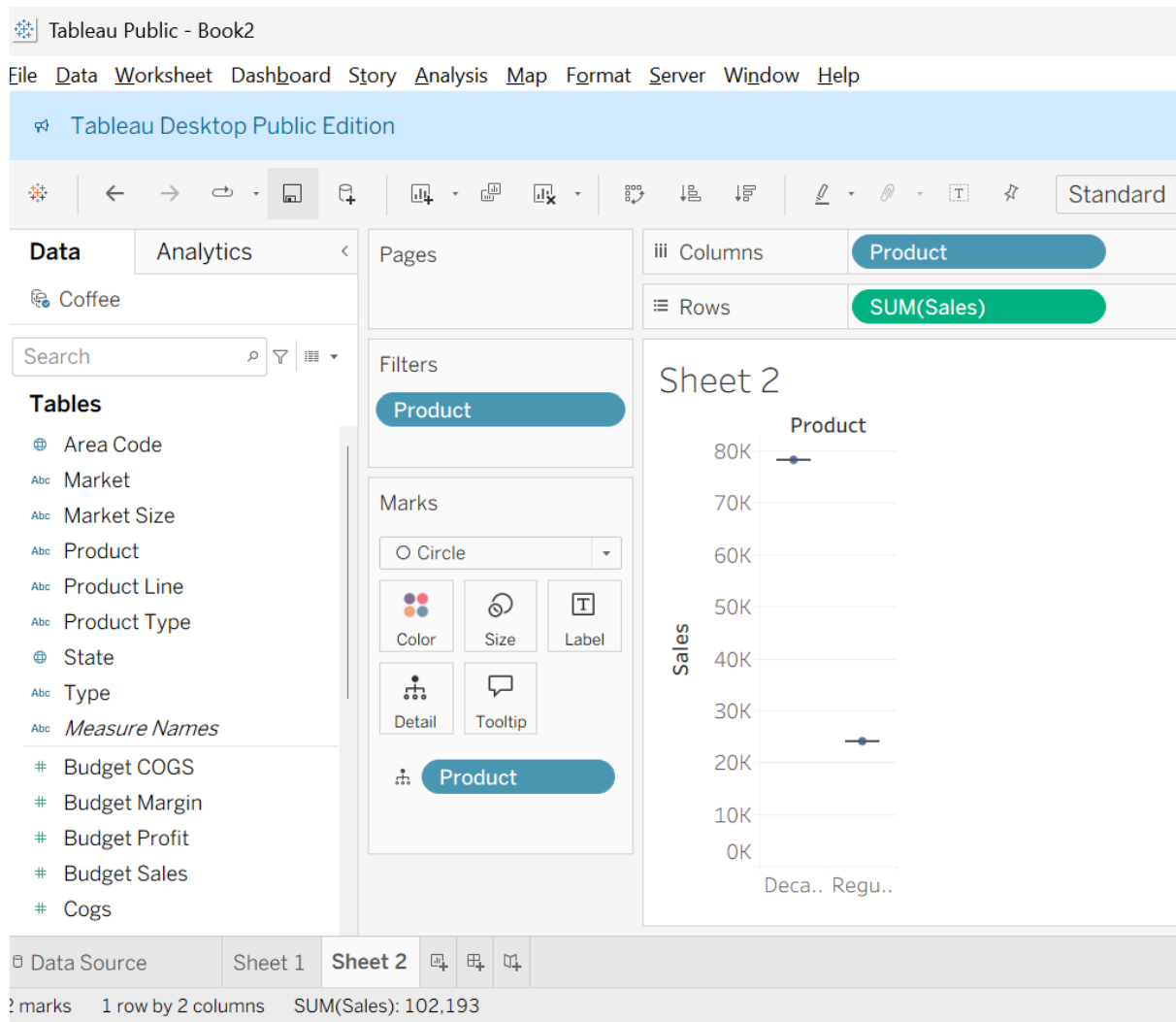# COFFEE CHAIN DATASET

Write the instructions to perform the following on Coffee Chain dataset in Tableau:

(i) Create a heat map for Product Type, State, and Profit. Identify which state has the lowest profit for Espresso?

(ii) Using boxplot, identify which of the Espresso product has the highest distribution of sales?
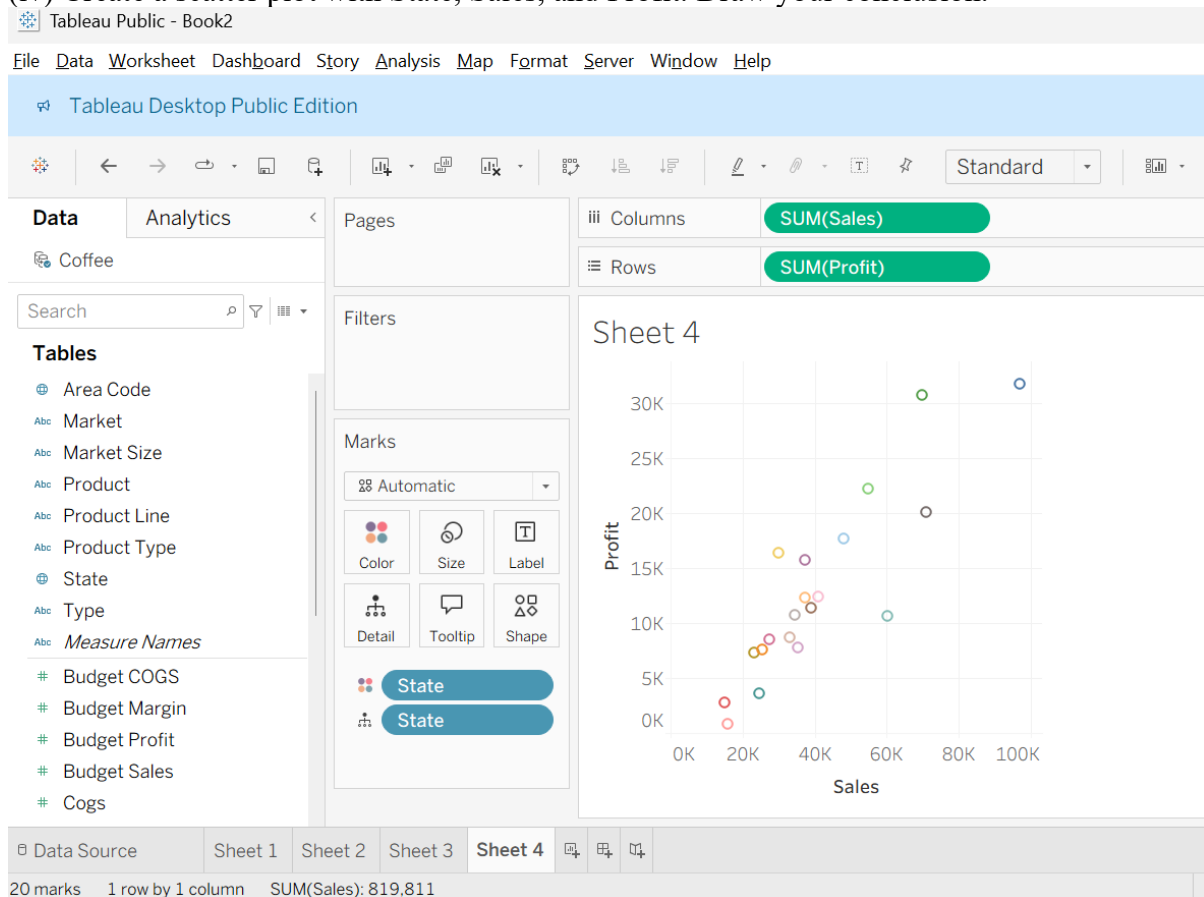
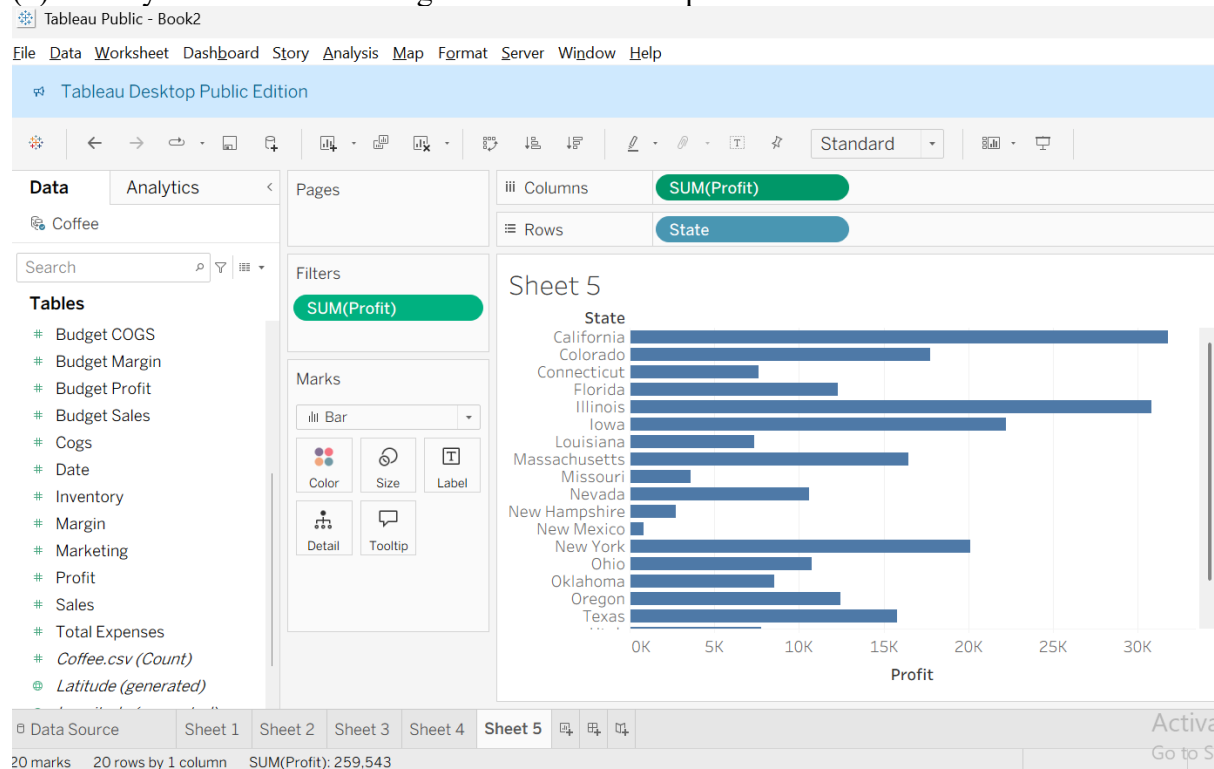(iii)Create a bar chart with Product Type, Product, and Profit. Write your conclusion.
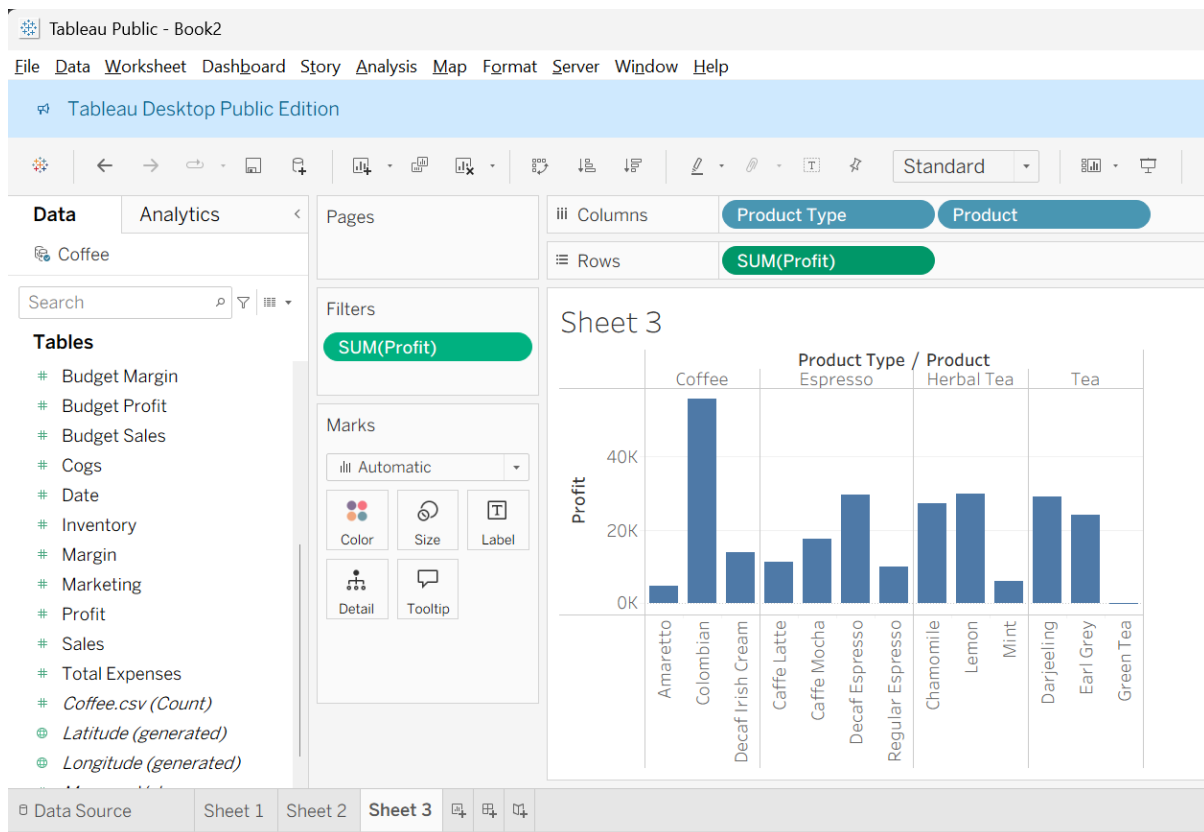
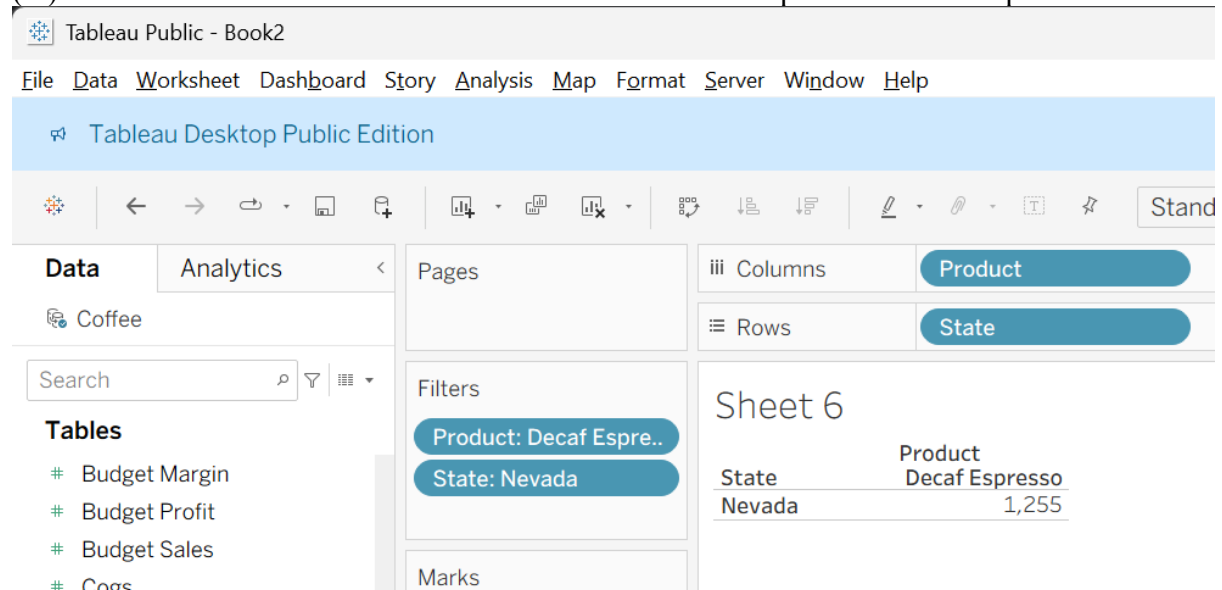Colombian coffee seems to make more money , proving that coffee makes more money than tea .

(iv) Create a scatter plot with State, Sales, and Profit. Draw your conclusion.
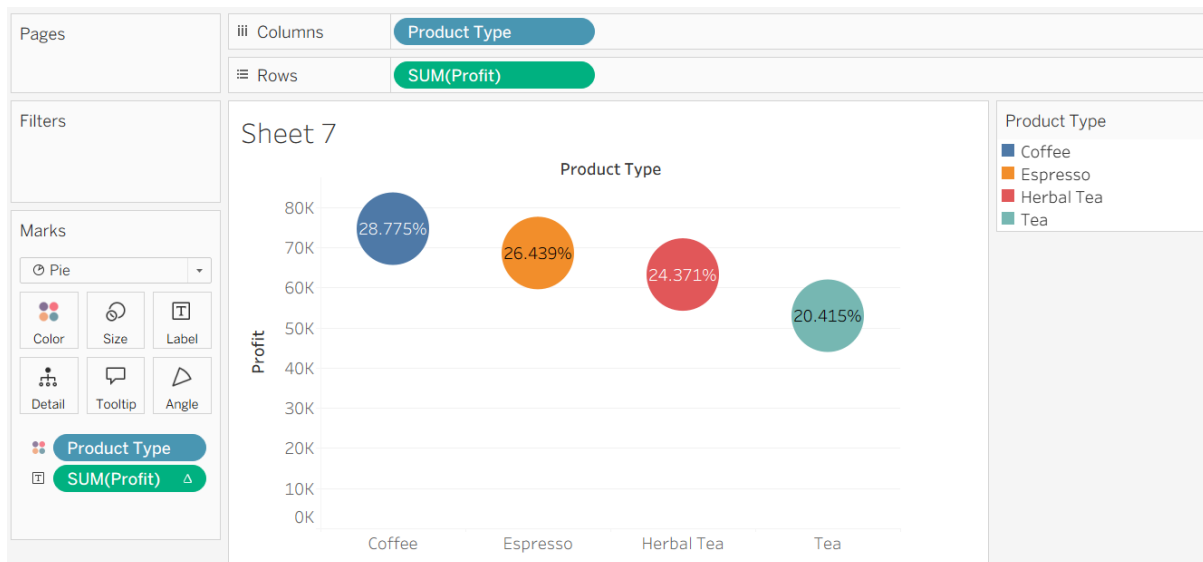
(v) Identify the state with the highest and the lowest profit in the market?
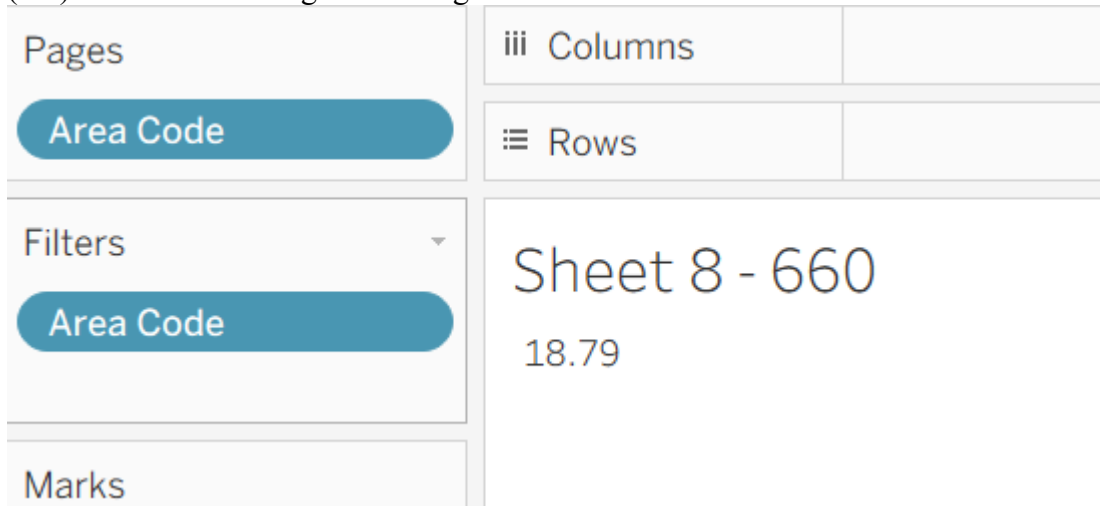

(vi) What is the number of Sales in the state Nevada for the product Decaf Expresso?

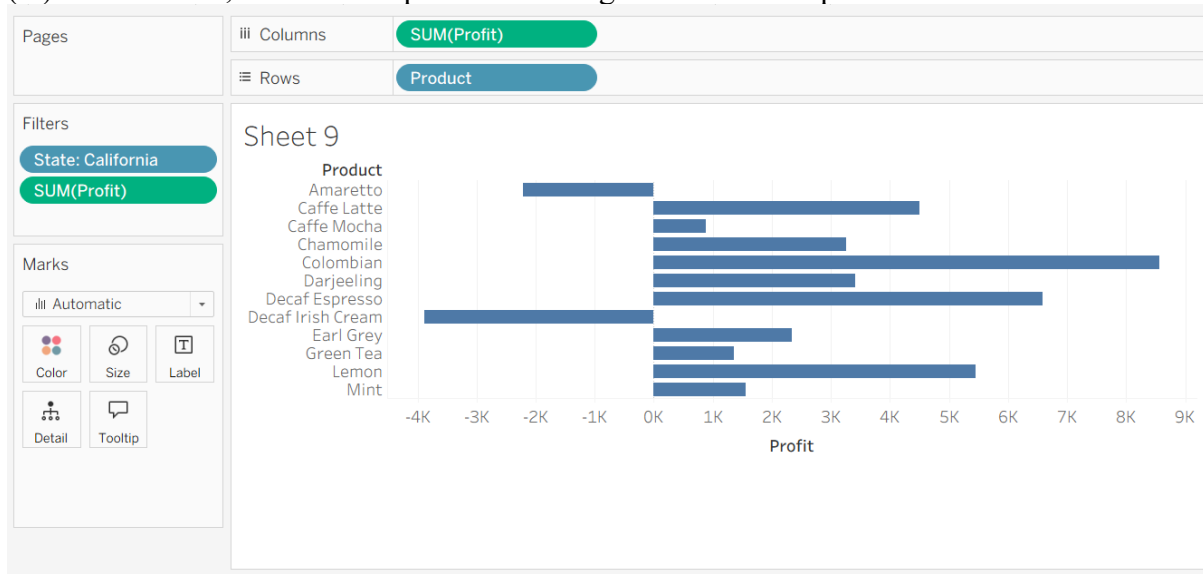| State	Product Decaf Espresso
Nevada	1,255

(vii) What is the contribution of tea (in percentage) to the overall Profit?
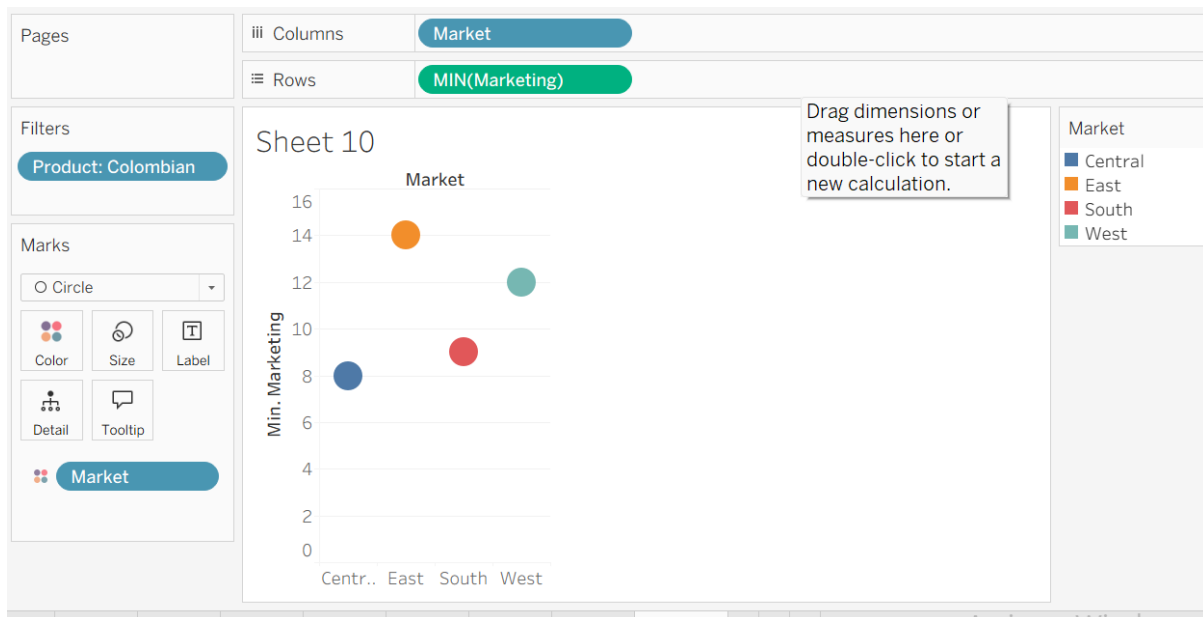
(viii) What is the average marketing in the area code 660 and 818?

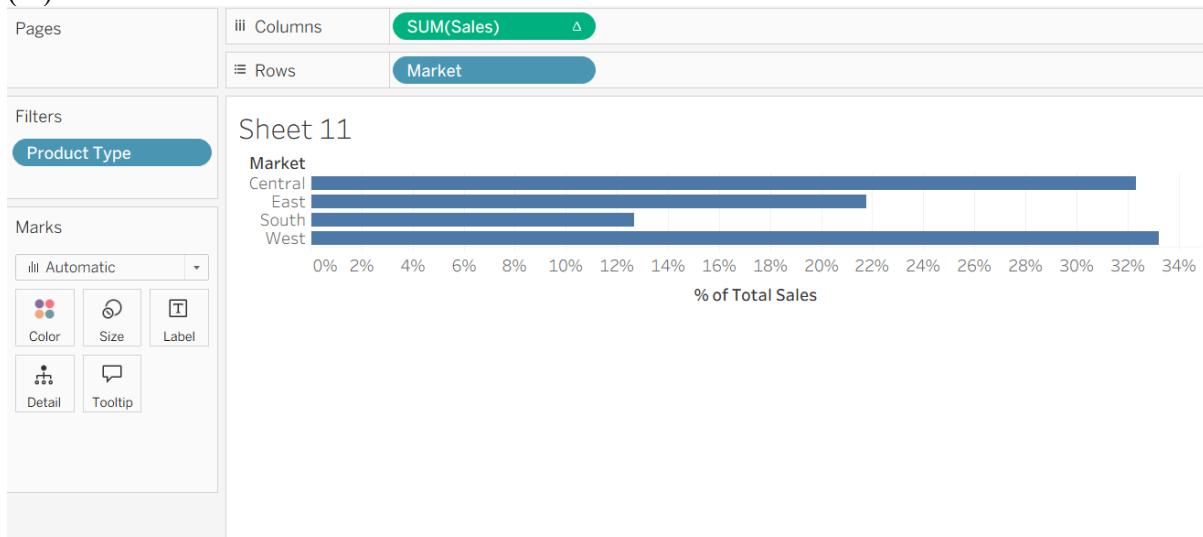(ix) In California, which is the product with highest and lowest profit?
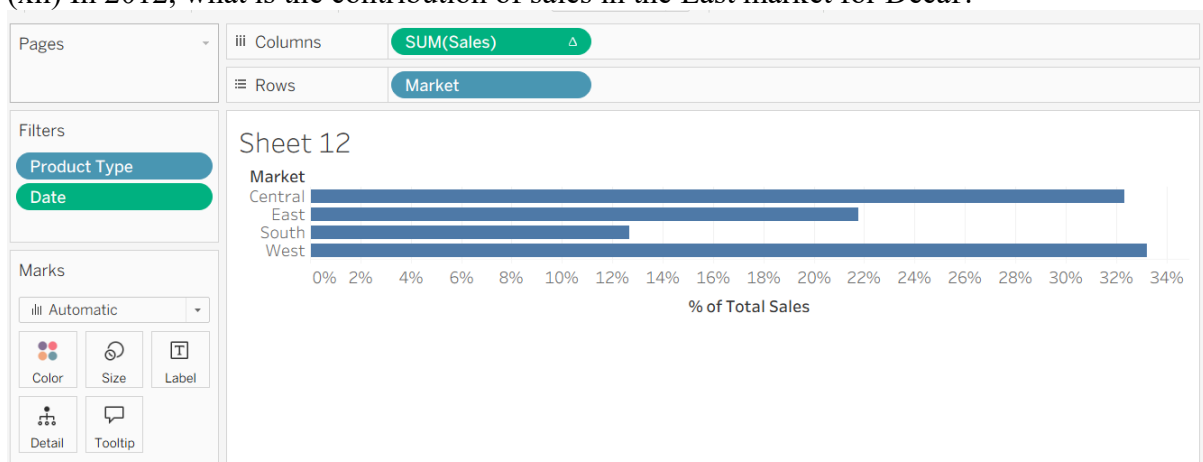

(x) Identify through side-by-side circles, the minimum marketing for the Coffee Beans Colombian product.
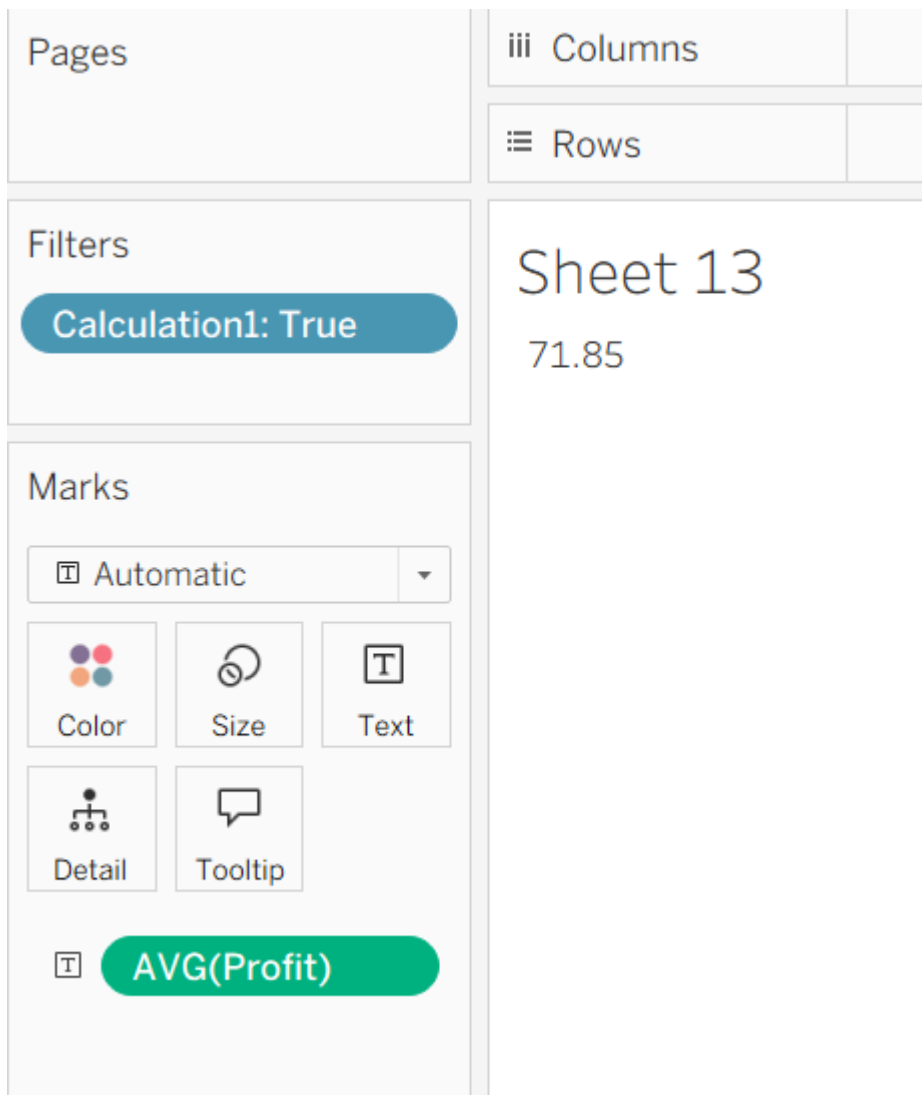
(xi) What is the contribution of sales in the East market for Decaf?
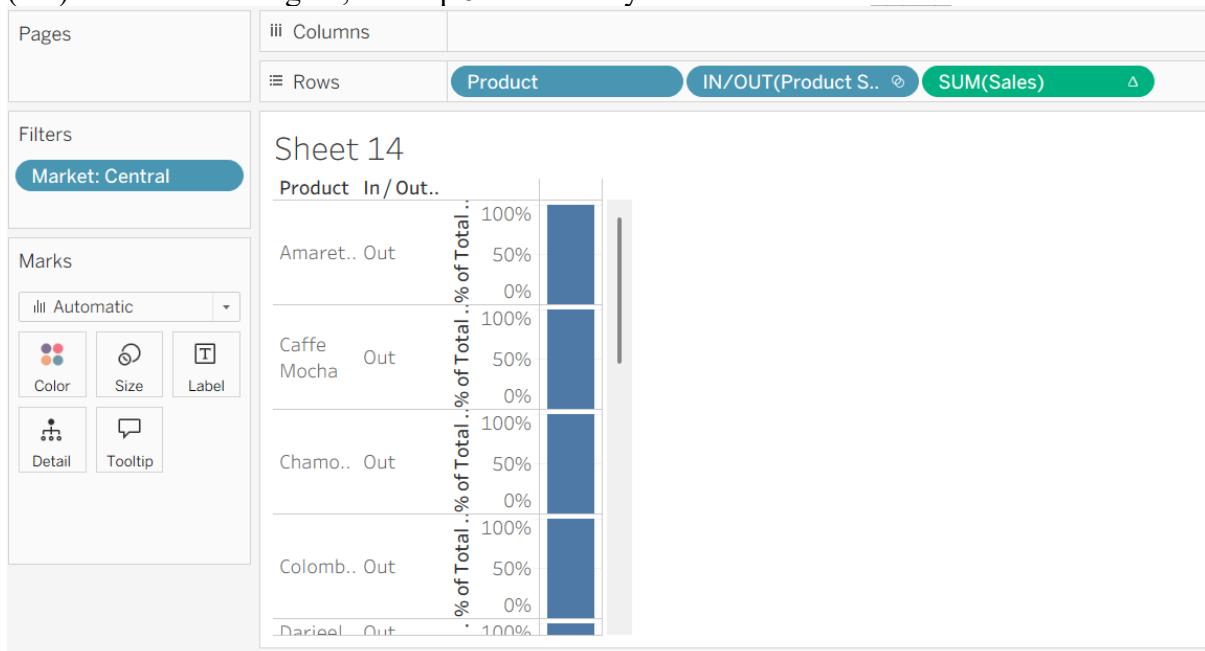

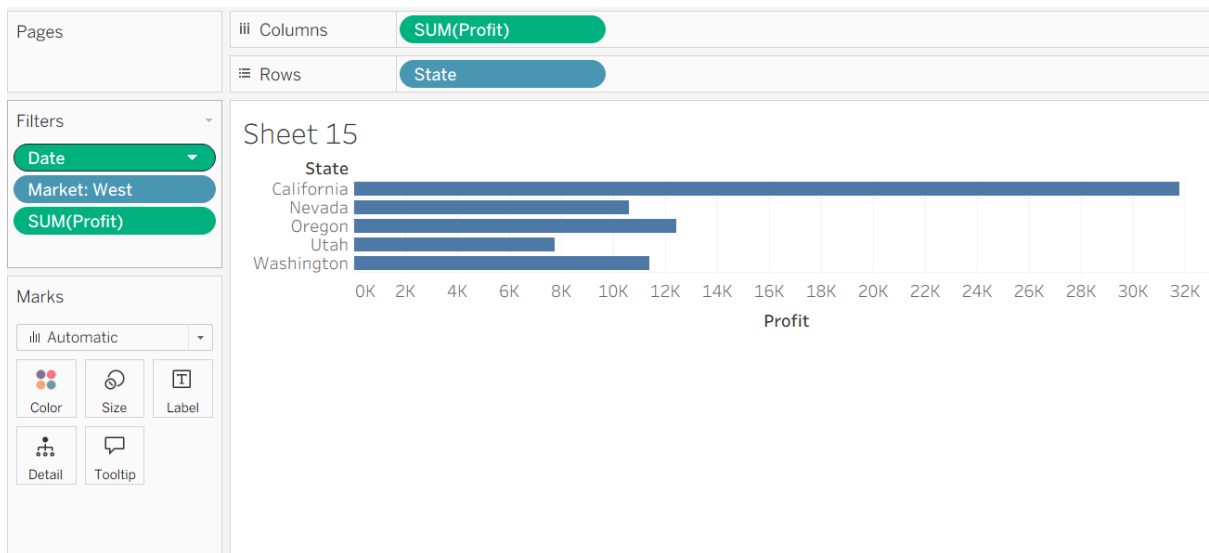(xii) In 2012, what is the contribution of sales in the East market for Decaf?

(xiii) What is the average profit for all the products starting with C?

Pages		iii Columns	
		≡ Rows	

Filters

Calculation1: True

Sheet 13

71.85

Marks

⊤ Automatic ▾

Color	Size	Text

Detail	Tooltip

⊤ AVG(Profit)

(xiv) In the Central region, the Top 5 Products by sales contributed _____ % of the total sales.

Pages	iii Columns			
	≡ Rows	Product	IN/OUT(Product S.. ⊘	SUM(Sales) △

Filters

Market: Central

Sheet 14

Product In/Out..

Marks

ıll Automatic ▾

Color	Size	Label

Detail	Tooltip

Product	In/Out..		
Amaret..	Out	100% 50% 0%	
Caffe Mocha	Out	100% 50% 0%	
Chamo..	Out	100% 50% 0%	
Colomb..	Out	100% 50% 0%	
Darjeel..	Out	100%	

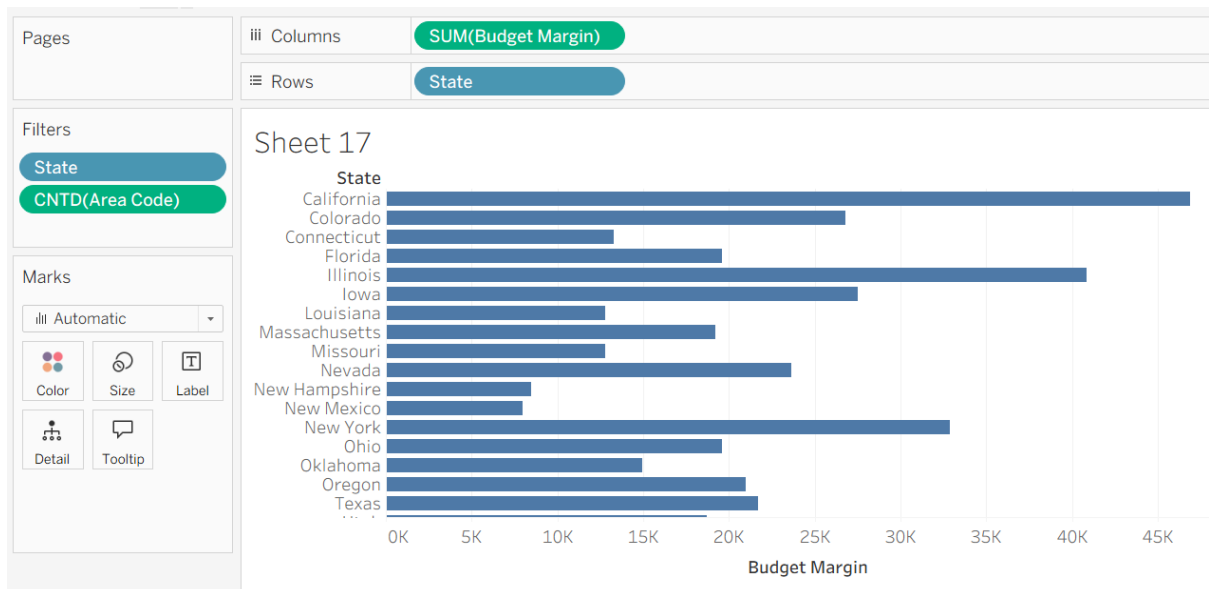*% of Total ..% of Total ..% of Total ..% of Total ..% of Total..*

(xv) In 2013, identify the state with the highest profit in the West market.
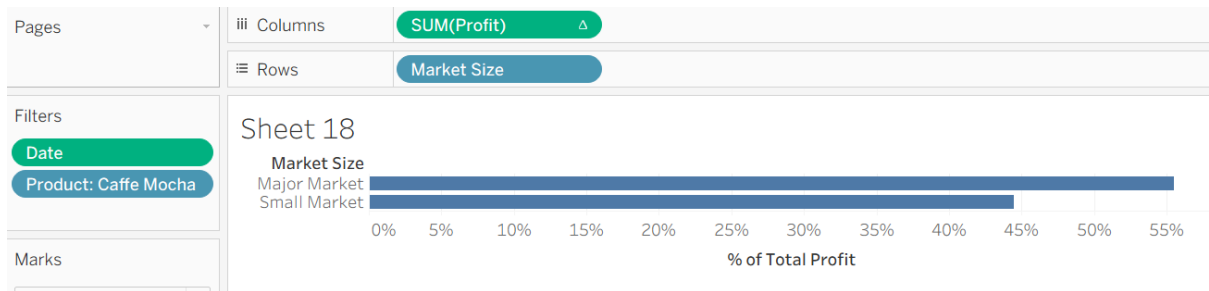
(xvi) Identify the total expenses to sales ratio of the state with the lowest profit.
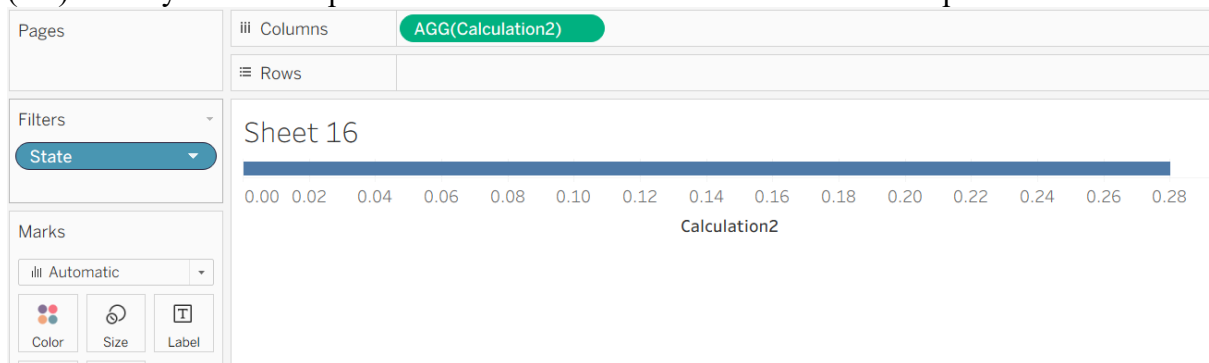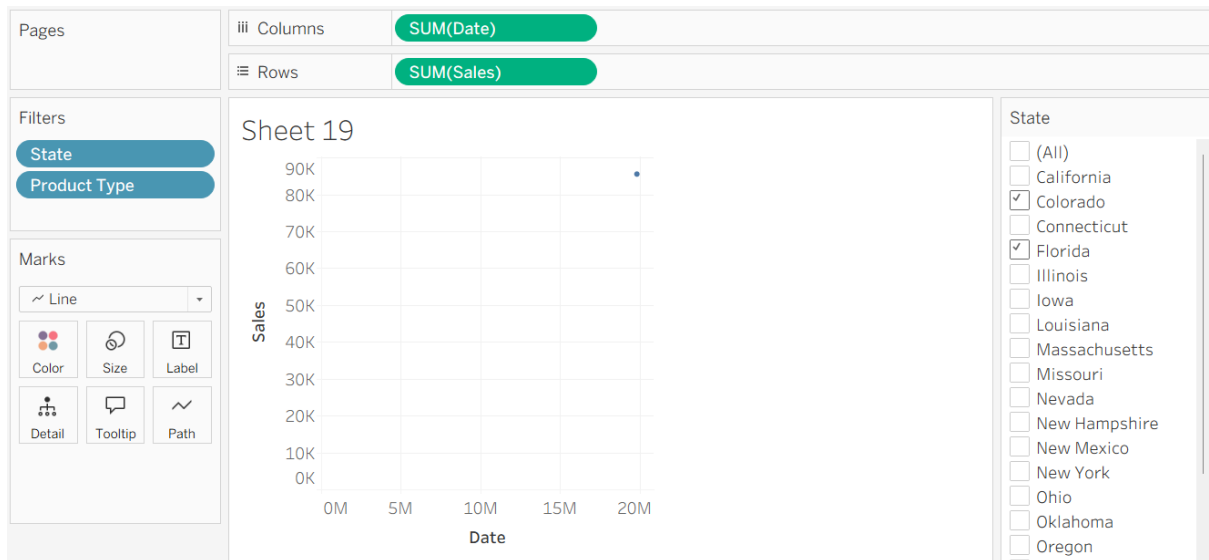

(xvii) What is the distinct count of area codes for the state with the lowest budget margin in small markets?

(xviii) In 2013, what is the percentage of total profit for Caffe Mocha falling under Major Market?

(xix) In which month and year did the sales cross $1,100 for Decaf in Colorado as well as Florida?

(xx) Using tree maps, identify the market with its size having maximum budget sales.