

Population Density

Population density is the total population within a geographic area divided by the number of square kilometres of land area of that area.

Complete the following table, using a calculator to calculate the population density for each state of the United States of America:

State	Population	Area (km ²)	Population Density (Population per km ²)	
Alabama	4,557,808	133,915		
Alaska	663,661	1,530,700		
Arizona	5,939,292	295,260		
Arkansas	2,779,154	137,754		
California	36,132,147	411,049		
Colorado	4,665,177	269,596		
Connecticut	3,510,297	12,997		
Delaware	843,524	5,294		
Florida	17,789,864	151,939		
Georgia	9,072,576	152,576		
Hawaii	1,275,194	16,759		
Idaho	1,429,096	216,432		
Illinois	12,763,371	145,934		
Indiana	6,271,973	93,720		
Iowa	2,966,334	145,753		
Kansas	2,744,687	213,098		
Kentucky	4,173,405	104,659		
Louisiana	4,523,628	123,675		
Maine	1,321,505	86,156		
Maryland	5,600,388	27,002		
Massachusetts	6,398,743	21,456		
Michigan	10,120,860	151,586		
Minnesota	5,132,799	218,601		
Mississippi	5,132,799	123,515		

Missouri	5,800,310	180,516		
Montana	935,670	380,848		
Nebraska	935,670	200,350		
Nevada	2,414,807	286,352		
New Hampshire	1,309,940	24,032		
New Jersey	8,717,925	20,169		
New Mexico	1,928,384	314,925		
New York	19,254,630	127,190		
North Carolina	8,683,242	136,413		
North Dakota	636,677	183,121		
Ohio	11,464,042	107,044		
Oklahoma	3,547,884	181,186		
Oregon	3,641,056	251,149		
Pennsylvania	12,429,616	117,348		
Rhode Island	1,076,189	3,140		
South Carolina	4,255,083	80,582		
South Dakota	775,933	199,730		
Tennessee	5,962,959	109,152		
Texas	22,859,968	691,030		
Utah	2,469,585	219,889		
Vermont	623,050	24,900		
Virginia	7,567,465	105,586		
Washington	6,287,759	176,477		
West Virginia	1,816,856	62,758		
Wisconsin	5,536,201	145,436		
Wyoming	509,294	253,326		

What is the highest population density value?

What is the lowest population density value?

A choropleth map is commonly used to visualize population density. A choropleth uses only one colour with different shades of that colour presenting the different values. The darker the shade of the colour – the higher the value.

Used a single coloured pencil to complete this key/legend for the choropleth map you are going to produce:

Population Density (Population per km²)	Colour Shade
	lightest
	darkest

Complete your choropleth map.

Question to be completed in you notebook/exercise book:

Describe and explain the distribution of population density in the United States of America.