

Research Topic

Research Topic:

Average age of residents in different regions of the United States

Subject, Motivation, & Research Question:

Subject:

Average age of workforce eligible residents of Vermont and California.

Motivation:

Our topic ties into urbanization, as California is the most urbanized state (94.2%) while Vermont is the least (35.1%). We want to see how urbanization may affect the average age of residents in a state. The average age of the workforce in a given state can also give insights into the economic conditions of the area, as an aging workforce can lower productivity and result in a shrinking workforce.

Research Question:

Is the average age of Vermont higher than that of California? Null hypothesis: $VT (age) = CA (age)$