

Earthquakes

Working with a partner, use the table of information to answer the questions that follow:

	Michigan	California
Earthquakes in 2016 (Magnitude 1.5+)	0	7,241
Houses destroyed by earthquakes since 1980	0	40,706

What patterns do you notice?

What might be the cause of so many earthquakes in California and none in Michigan?

Now go online to the following sites and look for patterns in the locations of earthquakes. Answer the questions that follow.

- [Michigan Earthquakes @ Earthquake Track](#)
- [California Earthquakes @ Earthquake Track](#)

What patterns do you notice?

What might be the cause of this pattern?

What questions do you have about this pattern?

Remember the governor of your state had requested a forecast of the areas of the state that are most and least likely to experience their most

threatening hazard. Can we use what we learn about earthquakes to help us with our hazard forecast?

How can we forecast where in our state that our most threatening natural hazard will occur?