

# Natural Disasters



Clementine

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My fact file  
By Clementine

## EARTHQUAKES

### What are Earthquakes?

Earthquakes are caused when the tectonic plates move into each other, or move apart. Tectonic plates are like puzzle pieces that make up the world, there are at least 20 of them in the world.

There are three types of earthquakes: A strike slip fault, where one tectonic plate slides left and the other right; A normal fault, where the left tectonic plate moves up and the other moves down; And a reverse fault where the right tectonic plate moves up and the other down.

### Where do Earthquakes occur?

Earthquakes occur on the fault line, the place where two tectonic plates meet. When they rub, move apart or push in, it causes an Earthquake. Earthquakes are most common in Japan, but also in Indonesia, New Zealand, Vanuatu and the Solomon Islands. If an Earthquake occurs in the sea, it will cause a Tsunami which is a giant wave. These usually come after there is an earthquake, there can also be a fire instead of a tsunami.

<https://userscontent2.emaze.com/images/ce602015-1d88-4149-8b0b-615fff946b3b/7eb399636a0106507f7a1f14ccd2ff5f.jpg>

[http://static.boredpanda.com/blog/wp-content/uploads/2016/08/italy-earthquake-before-after-fb\\_\\_700-png.jpg](http://static.boredpanda.com/blog/wp-content/uploads/2016/08/italy-earthquake-before-after-fb__700-png.jpg)

<https://m.youtube.com/watch?v=dJpIU1rSOFY>

## Volcanoes

### What are volcanoes ?

Volcanoes are where there is a crack in the earth and magma spills out to create a small type of mountain over time, more magma spills out the hole at the top of the Volcano to make it bigger. There are two types of Volcanos, exploding; volcanoes that explode lava out and create a massive, burning, and fast ash cloud that can burn a house down and no human or car can outrun it. They are the most dangerous ones. The second type of volcano is an effusive volcano, which is constantly erupting and it's lava is about as fast as we walk. We can certainly outrun them and they do not produce an ash cloud. There are another category of Volcanoes which show if they are active or not. Active - regular activity; Dormant - recent

historical activity, but now quiet; Extinct - no historical activity for a long time and unlikely to erupt again.

Where do Earthquakes occur?

Earthquakes occur on the fault line, the place where the tectonic plates meet. As the tectonic plates move, the volcanoes become dormant as the fault line is where magma rises into the volcano to come out as lava. Indonesia has 147 volcanoes, 76 of which are still active making it the world's most active volcano country.

[http://www.photovolcanica.com/VolcanoInfo/Bardarbunga/Bardarbunga2014\\_5193.jpg](http://www.photovolcanica.com/VolcanoInfo/Bardarbunga/Bardarbunga2014_5193.jpg)

<http://guardianlv.com/wp-content/uploads/2014/06/Volcano.jpg>

<https://m.youtube.com/watch?v=lAmqsMQG3RM>





the 1990s, the incidence of *S. flexneri* infections in the United Kingdom has increased, and the incidence of *S. flexneri* infection in the United States has increased in the 1980s and 1990s [10]. In the United Kingdom, *S. flexneri* is the most common serotype of *S. flexneri* isolated from patients with shigellosis, followed by *S. flexneri* serotype 3 [11].

There is a paucity of data on the epidemiology of *S. flexneri* infection in the United Kingdom. In the United States, *S. flexneri* is the most common serotype of *S. flexneri* isolated from patients with shigellosis, followed by *S. flexneri* serotype 3 [12]. In the United Kingdom, *S. flexneri* is the most common serotype of *S. flexneri* isolated from patients with shigellosis, followed by *S. flexneri* serotype 3 [11].

The purpose of this study was to determine the prevalence of *S. flexneri* infection in the United Kingdom. The study was conducted in the United Kingdom, and the results of the study are presented in this paper. The study was conducted in the United Kingdom, and the results of the study are presented in this paper.

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