

Did you answer the question: How many stars in the sky?

Perhaps this is one of the most difficult questions to answer because there are so many stars in the sky that we cannot count. So, with the help of modern technology, will astronomers count and give the correct answer? Let's find out.

Perhaps this is one of the most difficult questions to answer because there are so many stars in the sky that we cannot count. So, with the help of modern technology, will astronomers count and give the correct answer? Let's find out.

Considering the macro-scale of the entire galaxy in the universe.

There are about 170 billion galaxies extending in a radius of more than 45.7 billion light-years in **the visible universe** (observable universe - a collection of all the phenomena and phenomena that can affect children. People and Earth that humans with astronomical means can identify at the present time.



Each galaxy has a different number of stars. Giant galaxies like **eclip galaxy** can hold up to 100 trillion stars. **Spiral galaxies** may contain more than 1 trillion stars. And smaller **galaxies like dwarf galaxies** are about several trillion stars.

So what about in **our Milky Way galaxy** ? Located in the small corner of the visible universe, the Milky Way contains about 400 billion stars.

According to astronomers calculations:

The star is in the visible universe = the average number of stars in each galaxy x the number of galaxies in the visible universe = 1,000,000,000,000,000,000,000 (10 powers of 24) stars.

This is an academic number based on theoretical calculations but indeed a very large number.



From the micro level from the "sky" is the night sky where people can observe with the eyes at a position on Earth.

Under optimal observation conditions, humans can only observe about **5000 stars** in the night sky. Under the influence of surrounding factors (unfavorable weather, air pollution .) we can only observe half of these stars about **2500 stars** .

You finished reading the article "**Did you answer the question: How many stars in the sky?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.