

Download How Many Stars Are In The Sky

If the typical galaxy had 100 billion stars, then there would be 2×10^{23} stars in the observable universe, three times as much as earlier estimates. But even this is still probably an underestimate, as more sensitive telescopes will continue to reveal fainter galaxies and stars. Which means that, when you gaze into the heavens, full of wonderment and awe, you see around 2,500 stars scattering the sky. If you're lucky, that is, and the stars align. Look into the sky on a clear night, out of the glare of streetlights, and you will see a few thousand individual stars with your naked eyes. With even a modest amateur telescope, millions more will come into view. So how many stars are there in the Universe? It is easy to ask this question, but difficult for scientists to give a fair answer! Go out on a dark night and you'd swear there are thousands of stars in the sky. Too many to count. 10,000 at least. But why guess when someone has already done the counting for you?