

# The True Scale of Atoms

Post by "Cassius" of December 24, 2023 at 2:42 PM

Yes to the post in general but as to this part:

## [Quote from Don](#)

There are an innumerable but not infinite number of particles that make up the universe, constantly being reused and recycled into new bodies.

Slight tweak: Isn't it an infinite \*number\* of individual atoms but not an infinite number of \*types\* (or sizes)- in that an infinite number of atoms is needed to offset the infinite extent of the void?

With the limit on number of sizes required because there can't be atoms that are infinitely large (or that would itself take up all the space in the universe)?