

Simplified Table of Gases in Earth's Atmosphere 2017

Gas – Molecular Formula	Percent by Volume	Expressed in Parts
Major Gases (about 1% or more)		
Nitrogen – N ₂	78.08%	78 in 100
Oxygen – O ₂	20.94%	20 in 100
Argon – Ar	0.93%	1 in 100
Water Vapor – H ₂ O	Varies 0 – 5%	0 to 5 in 100
Selected Trace Gases (less than 1%)		
Carbon Dioxide – CO ₂	0.04%	1 in 2,500 (400 ppm)
Methane – CH ₄	0.00017%	1.5 in 1,000,000 (1.5 ppm)
Other Trace Gases (0.0025%) Krypton, Sulfur Dioxide, Hydrogen, Nitrous Oxide, Xenon, Ozone, Nitrogen Dioxide, Neon, Helium		