

- UCUM: Unified Code for Units of Measure.[Datatype PQ]
- Copyright & Issuer: Regenstrief Institute, Indiana
- Languages & Localisation: English
- Fields of application: UCUM is a system of codes for unambiguously representing measurement units to both humans and machines.
- Number of entries: 556
- Structure: Each unit is defined relative to a system of base units by a numeric factor and a vector of exponents by which the base units contribute to the unit to be defined. Although we can reflect all the meaning of units covered by dimensional analysis with this vector notation, UCUM does not show vectors. Proposed definition from Regenstrief: The Unified Code for Units of Measure is a code system intended to include all units of measures being contemporarily used in international science, engineering, and business. The purpose is to facilitate unambiguous electronic communication of quantities together with their units.