

## Copilot

Sure! Here's a summary of the valencies of elements grouped by their positions in the periodic table:

### Group 1: Alkali Metals

- Hydrogen (H): +1
- Lithium (Li): +1
- Sodium (Na): +1
- Potassium (K): +1
- Rubidium (Rb): +1
- Cesium (Cs): +1
- Francium (Fr): +1

### Group 2: Alkaline Earth Metals

- Beryllium (Be): +2
- Magnesium (Mg): +2
- Calcium (Ca): +2
- Strontium (Sr): +2
- Barium (Ba): +2
- Radium (Ra): +2



### Group 13: Boron Group

- Boron (B): +3
- Aluminum (Al): +3
- Gallium (Ga): +3
- Indium (In): +3
- Thallium (Tl): +3

### Group 14: Carbon Group

- Carbon (C): +4, -4
- Silicon (Si): +4, -4
- Germanium (Ge): +4, -4
- Tin (Sn): +4, +2
- Lead (Pb): +4, +2

### Group 15: Nitrogen Group

- Nitrogen (N): -3, +3, +5
- Phosphorus (P): -3, +3, +5
- Arsenic (As): -3, +3, +5
- Antimony (Sb): -3, +3, +5
- Bismuth (Bi): +3, +5

### Group 16: Oxygen Group

- Oxygen (O): -2
- Sulfur (S): -2, +4, +6
- Selenium (Se): -2, +4, +6
- Tellurium (Te): -2, +4, +6
- Polonium (Po): +2, +4

### Group 17: Halogens

- **Fluorine (F):** -1
- **Chlorine (Cl):** -1, +1, +3, +5, +7
- **Bromine (Br):** -1, +1, +3, +5
- **Iodine (I):** -1, +1, +3, +5, +7
- **Astatine (At):** -1, +1, +3, +5

## **Group 18: Noble Gases**

- **Helium (He):** 0
- **Neon (Ne):** 0
- **Argon (Ar):** 0
- **Krypton (Kr):** 0
- **Xenon (Xe):** 0
- **Radon (Rn):** 0

These valencies are the most common ones for each element, but some elements can exhibit different valencies in different compounds.

If you need more detailed information or specific elements, feel free to ask!