

Common oxidation states of the elements

Symbol	Element	Common oxidation states
H	Hydrogen	+1, -1
Li	Lithium	+1
Be	Beryllium	+2
B	Boron	+3
C	Carbon	+4, +2, -4
N	Nitrogen	-3, +3, +5 (also +1, +2, +4)
O	Oxygen	-2 (-1 in peroxides)
F	Fluorine	-1
Na	Sodium	+1
Mg	Magnesium	+2
Al	Aluminium	+3
Si	Silicon	+4, -4
P	Phosphorus	+5, +3, -3
S	Sulfur	-2, +4, +6
Cl	Chlorine	-1, +1, +3, +5, +7
K	Potassium	+1
Ca	Calcium	+2
Sc	Scandium	+3
Ti	Titanium	+4, +3, +2
V	Vanadium	+5, +4, +3, +2
Cr	Chromium	+3, +6, +2
Mn	Manganese	+2, +4, +7 (also +3, +6)
Fe	Iron	+2, +3
Co	Cobalt	+2, +3
Ni	Nickel	+2
Cu	Copper	+2, +1
Zn	Zinc	+2
Ga	Gallium	+3
Ge	Germanium	+4, +2
As	Arsenic	+3, +5, -3
Se	Selenium	-2, +4, +6

Symbol	Element	Common oxidation states
Br	Bromine	-1, +1, +5
Rb	Rubidium	+1
Sr	Strontium	+2
Ag	Silver	+1
Cd	Cadmium	+2
Sn	Tin	+2, +4
Sb	Antimony	+3, +5, -3
I	Iodine	-1, +1, +5, +7
Cs	Caesium	+1
Ba	Barium	+2
Pt	Platinum	+2, +4
Au	Gold	+3, +1
Hg	Mercury	+2, +1 (as Hg_2^{2+})
Pb	Lead	+2, +4
Bi	Bismuth	+3, +5
U	Uranium	+6, +4

Notes