

NEGATIVE POLYATOMIC IONS		chlorate	ClO ₃ ⁻	hydrogen oxalate	HC ₂ O ₄ ⁻	nitrate	NO ₃ ⁻	pyrophosphate	P ₂ O ₇ ⁴⁻
acetate	CH ₃ COO ⁻	chlorite	ClO ₂ ⁻	hydrogen sulfate	HSO ₄ ⁻	nitrite	NO ₂ ⁻	sulfate	SO ₄ ²⁻
arsenate	AsO ₄ ³⁻	chromate	CrO ₄ ²⁻	hydrogen sulfide	HS ⁻	orthosilicate	SiO ₄ ⁴⁻	sulfite	SO ₃ ²⁻
arsenite	AsO ₃ ³⁻	cyanate	CNO ⁻	hydrogen sulfite	HSO ₃ ⁻	oxalate	C ₂ O ₄ ²⁻	thiocyanate	SCN ⁻
benzoate	C ₆ H ₅ COO ⁻	cyanide	CN ⁻	hydroxide	OH ⁻	perchlorate	ClO ₄ ⁻	thiosulfate	S ₂ O ₃ ²⁻
borate	BO ₃ ³⁻	dichromate	Cr ₂ O ₇ ²⁻	hypochlorite	ClO ⁻	periodate	IO ₄ ⁻	POSITIVE POLYATOMIC IONS	
bromate	BrO ₃ ⁻	dihydrogen phosphate	H ₂ PO ₄ ⁻	iodate	IO ₃ ⁻	permanganate	MnO ₄ ⁻	ammonium	NH ₄ ⁺
carbonate	CO ₃ ²⁻	hydrogen carbonate (also bicarbonate)	HCO ₃ ⁻	monohydrogen phosphate	HPO ₄ ²⁻	peroxide	O ₂ ²⁻	hydronium	H ₃ O ⁺
						phosphate	PO ₄ ³⁻	mercury I	Hg ₂ ²⁺

+1 Common Ionic States of the Elements

1 H⁺ HYDROGEN																	2 He HELIUM								
+2		Atomic number																+3		-3		-2		-1	
3 Li⁺ LITHIUM	4 Be²⁺ BERYLLIUM	<div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> 1 H⁺ HYDROGEN </div> <div style="text-align: center;"> <p>← Common ionic state</p> <p>← Element name</p> </div> </div>																5 B BORON	6 C CARBON	7 N³⁻ NITROGEN	8 O²⁻ OXYGEN	9 F⁻ FLUORINE	10 Ne NEON		
11 Na⁺ SODIUM	12 Mg²⁺ MAGNESIUM																	13 Al³⁺ ALUMINIUM	14 Si SILICON	15 P³⁻ PHOSPHORUS	16 S²⁻ SULFUR	17 Cl⁻ CHLORINE	18 Ar ARGON		
19 K⁺ POTASSIUM	20 Ca²⁺ CALCIUM	21 Sc³⁺ SCANDIUM	22 Ti³⁺ Ti⁴⁺ TITANIUM	23 V³⁺ V⁵⁺ VANADIUM	24 Cr²⁺ Cr³⁺ CHROMIUM	25 Mn²⁺ Mn⁴⁺ MANGANESE	26 Fe²⁺ Fe³⁺ IRON	27 Co²⁺ Co³⁺ COBALT	28 Ni²⁺ Ni³⁺ NICKEL	29 Cu⁺ Cu²⁺ COPPER	30 Zn²⁺ ZINC	31 Ga³⁺ GALLIUM	32 Ge⁴⁺ GERMANIUM	33 As³⁻ ARSENIC	34 Se²⁻ SELENIUM	35 Br⁻ BROMINE	36 Kr KRYPTON								
37 Rb⁺ RUBIDIUM	38 Sr²⁺ STRONTIUM	39 Y³⁺ YTTRIUM	40 Zr⁴⁺ ZIRCONIUM	41 Nb³⁺ Nb⁵⁺ NIOBIUM	42 Mo⁶⁺ MOLYBDENUM	43 Tc⁷⁺ TECHNETIUM	44 Ru³⁺ Ru⁴⁺ RUTHENIUM	45 Rh³⁺ RHODIUM	46 Pd²⁺ Pd⁴⁺ PALLADIUM	47 Ag⁺ SILVER	48 Cd²⁺ CADMIUM	49 In³⁺ INDIUM	50 Sn²⁺ Sn⁴⁺ TIN	51 Sb³⁺ Sb⁵⁺ ANTIMONY	52 Te²⁻ TELLURIUM	53 I⁻ IODINE	54 Xe XENON								
55 Cs⁺ CESIUM	56 Ba²⁺ BARIUM	71 Lu³⁺ LUTETIUM	72 Hf⁴⁺ HAFNIUM	73 Ta⁵⁺ TANTALUM	74 W⁶⁺ TUNGSTEN	75 Re⁷⁺ RHENIUM	76 Os⁴⁺ OSMIUM	77 Ir⁴⁺ IRIDIUM	78 Pt²⁺ Pt⁴⁺ PLATINUM	79 Au⁺ Au³⁺ GOLD	80 Hg²⁺ Hg²⁺ MERCURY	81 Tl⁺ Tl³⁺ THALLIUM	82 Pb²⁺ Pb⁴⁺ LEAD	83 Bi³⁺ Bi⁵⁺ BISMUTH	84 Po²⁺ Po⁴⁺ POLONIUM	85 At⁻ ASTATINE	86 Rn RADON								
87 Fr⁺ FRANCIUM	88 Ra²⁺ RADIUM	103 Lr³⁺ LAWRENCIUM																							
			57 La³⁺ LANTHANUM	58 Ce³⁺ CERIUM	59 Pr³⁺ PRASEODYMIUM	60 Nd³⁺ NEODYMIUM	61 Pm³⁺ PROMETHIUM	62 Sm²⁺ Sm³⁺ SAMARIUM	63 Eu²⁺ Eu³⁺ EUROPIUM	64 Gd³⁺ GADOLINIUM	65 Tb³⁺ TERBIUM	66 Dy³⁺ DYSPROSIUM	67 Ho³⁺ HOLMIUM	68 Er³⁺ ERBIUM	69 Tm³⁺ THULIUM	70 Yb³⁺ YTTERBIUM									
			89 Ac³⁺ ACTINIUM	90 Th⁴⁺ THORIUM	91 Pa⁴⁺ Pa⁵⁺ PROTACTINIUM	92 U⁴⁺ U⁶⁺ URANIUM	93 Np⁵⁺ NEPTUNIUM	94 Pu⁴⁺ Pu⁴⁺ PLUTONIUM	95 Am³⁺ Am⁴⁺ AMERICIUM	96 Cm³⁺ CURIUM	97 Bk³⁺ BERKELIUM	98 Cf³⁺ CALIFORNIUM	99 Es³⁺ EINSTEINIUM	100 Fm³⁺ FERMIUM	101 Md²⁺ Md³⁺ MENDELEVIUM	102 No²⁺ No³⁺ NOBELIUM									