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## Positive Polyatomic Ions

**+1**

**Ammonium - NH<sub>4</sub><sup>+1</sup>**

Ammonium Chloride  
 Ammonium Sulfide  
 Ammonium Nitride  
 Ammonium Chlorate  
 Ammonium Carbonate  
 Ammonium Phosphate

NH<sub>4</sub>Cl  
 (NH<sub>4</sub>)<sub>2</sub>S  
 (NH<sub>4</sub>)<sub>3</sub>N  
 NH<sub>4</sub>ClO<sub>3</sub>  
 (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub>  
 (NH<sub>4</sub>)<sub>3</sub>PO<sub>4</sub>

+ 1 - 1 = 0  
 + 1 + 1 - 2 = 0  
 + 1 + 1 + 1 - 3 = 0  
 + 1 - 1 = 0  
 + 1 + 1 - 2 = 0  
 + 1 + 1 + 1 - 3 = 0

**+2**

**Mercury (I) - Hg<sub>2</sub><sup>+2</sup>**  
**Mercury (II) - Hg<sup>+2</sup>**

Mercury (I) Chloride  
 Mercury (I) Sulfide  
 Mercury (I) Nitride  
 Mercury (I) Chlorate  
 Mercury (I) Carbonate  
 Mercury (I) Phosphate

Hg<sub>2</sub>Cl<sub>2</sub>  
 Hg<sub>2</sub>S  
 (Hg<sub>2</sub>)<sub>3</sub>N<sub>2</sub>  
 Hg<sub>2</sub>(ClO<sub>3</sub>)<sub>2</sub>  
 Hg<sub>2</sub>CO<sub>3</sub>  
 (Hg<sub>2</sub>)<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>

+ 2 - 1 - 1 = 0  
 + 2 - 2 = 0  
 + 2 + 2 + 2 - 3 - 3 = 0  
 + 2 - 1 - 1 = 0  
 + 2 - 2 = 0  
 + 2 + 2 + 2 - 3 - 3 = 0

Mercury (II) Chloride  
 Mercury (II) Sulfide  
 Mercury (II) Nitride  
 Mercury (II) Chlorate  
 Mercury (II) Carbonate  
 Mercury (II) Phosphate

HgCl<sub>2</sub>  
 HgS  
 Hg<sub>3</sub>N<sub>2</sub>  
 Hg(ClO<sub>3</sub>)<sub>2</sub>  
 HgCO<sub>3</sub>  
 Hg<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>

+ 2 - 1 - 1 = 0  
 + 2 - 2 = 0  
 + 2 + 2 + 2 - 3 - 3 = 0  
 + 2 - 1 - 1 = 0  
 + 2 - 2 = 0  
 + 2 + 2 + 2 - 3 - 3 = 0