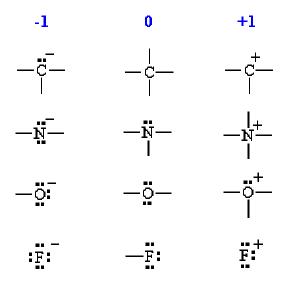
Common bonding for carbon, nitrogen and oxygen

sp3 tetrahedral geometry	sp2 trigonal planar	sp linear
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Common anionic, neutral and cationic forms



Formal Charge = [Group#] - [# bonds] - [nonbonding e⁻]