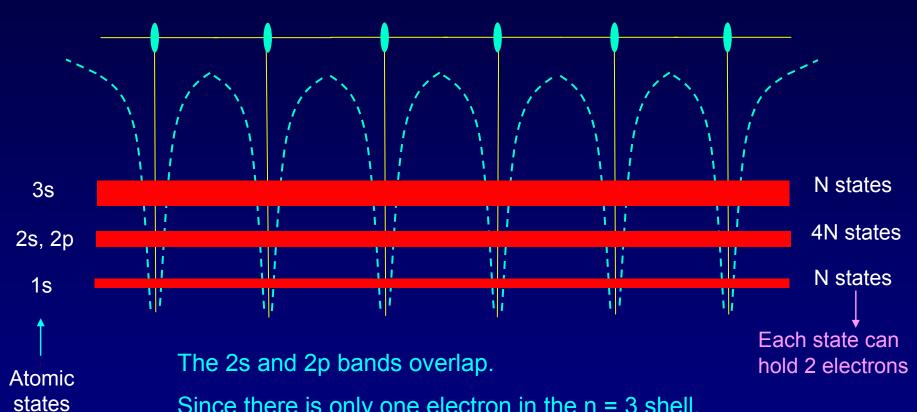
Conductivity of Metals





Since there is only one electron in the n = 3 shell, we don't need to consider the 3p or 3d bands, which partially overlap the 3s band.

Fill the bands with 11N electrons.