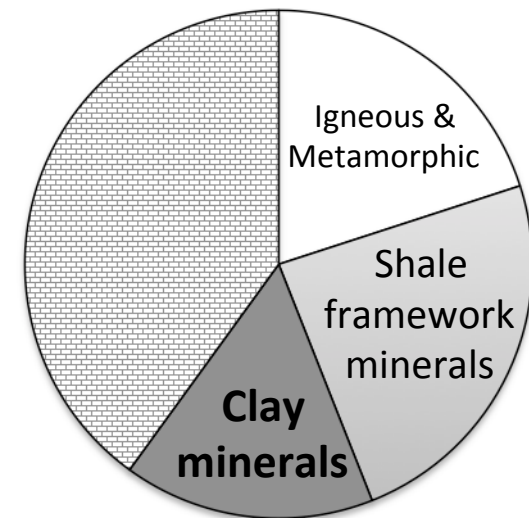
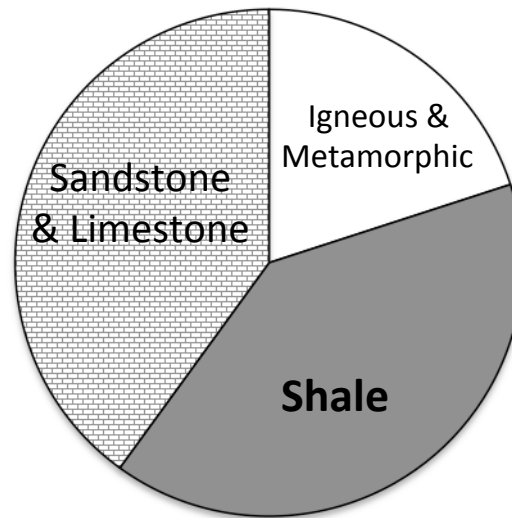
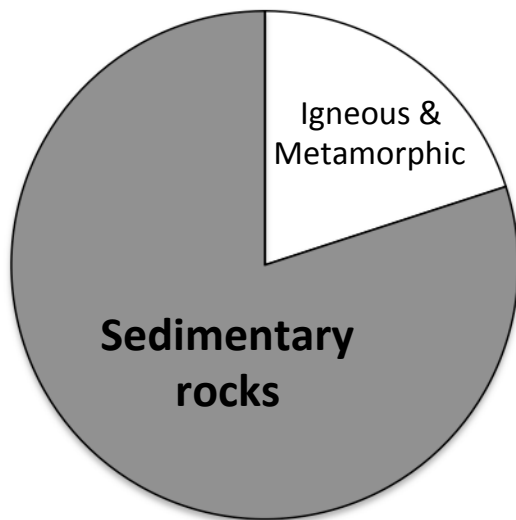


Clay minerals comprise ~16% of all the rocks in the Earth's upper crust (> 20 km)



80% Sedimentary → 50% of Sedimentary are shale → 40% of Shale are clay minerals