We study the global boundedness and decay properties of solutions to the linear wave equation in 3+1 dimensions on time-dependent, non-trapping, radiating space-times. Assuming a local energy decay estimate, we prove that sufficiently regular solutions to this equation have bounded conformal energy. As an application we also show a bound on conformal energy with vector fields as well as a global $L^\infty$ decay estimate in terms of a weighted norm on initial data. (Received July 01, 2014)