Regularity of languages derived from conjugacy classes in a finitely generated group \(G\) implies rationality of the corresponding growth series. In this talk I will discuss regularity for languages of conjugacy geodesics and geodesic normal forms for conjugacy classes and elements of minimal length up to conjugacy, for a variety of examples including word hyperbolic, virtually abelian, Artin, and Garside groups. (Received September 14, 2014)