ABSTRACT. Let $\varphi : V \to V$ be a self-morphism of a quasiprojective variety defined over a number field K and let $P \in V(K)$ be a point with infinite orbit under iteration of φ. For each prime $\mathfrak{p}$ of good reduction, let $m_{\mathfrak{p}}(\varphi, P)$ be the size of the φ-orbit of the reduction of P modulo $\mathfrak{p}$. Fix any $\epsilon > 0$. We show that for almost all primes $\mathfrak{p}$ in the sense of analytic density, the orbit size $m_{\mathfrak{p}}(\varphi, P)$ is larger than $(\log \mathsf{N}_{K/\mathbb{Q}}\mathfrak{p})^{1-\epsilon}$.