Let $\delta(p)$ tend to zero arbitrarily slowly as $p \to \infty$. We exhibit an explicit set S of primes p, defined in terms of simple functions of the prime factors of p-1, for which the least primitive root of p is at most $p^{1/4-\delta(p)}$ for all $p \in S$, where $\#\{p \le x : p \in S\} \sim \pi(x)$ as $x \to \infty$. This is a joint work with Kevin Ford and Andrew Granville.