

Population

Area of Earth = $196\frac{1}{2}$ m. sq miles.
 of which land = $50\frac{1}{2}$ m. sq miles
 (Bach's etc)

$$\text{Area of land} = \frac{101}{2} \cdot 309\frac{1}{2} \cdot 600,000,000 \text{ sq ft}$$

$$= 156,428,800,000,000$$

If population doubled in 25 years
 this number would have been reached
 from a single pair in less than 1200 years
 since $2^{48} \approx 280,000,000,000$

If population of England & Wales ($20,000,000$)
 increased at rate of 14% in ten years
 for 1000 years it would become
 $\approx 9,786,000,000,000$

i.e. one to about 16 square yards.

at end of 2000 years they would stand about
 80 miles high, of 3000 about 40 million miles high