Balls in bins	Polya urns
min $\sim \frac{n}{R}$	min $\sim \frac{n}{R^2}$
max $\sim \frac{n}{R} \log(\log n)$	max $\sim \frac{n}{R} \log n$.

For K bins, insert K-1 barriers and you get how many balls are in each bin.

Preferential Attachment:

(model of web)

PA(2)

Barabasi

extended version of polya urns.

average in degree = 2
maximum degree = $\sqrt{n}$ = $\sqrt{10 \text{ bil}}$ (for internet)
$\alpha = 3$. = 2.8 (for web)