

If the total population (across all states) is  $p$ , and we want to assign  $k$  seats, the *standard divisor* is:

$$\hat{d} = \frac{p}{k}.$$

If a state  $i$  has population  $p_i$ ,  $i$ 's *standard quota* is:

$$\hat{q}_i = \frac{p_i}{\hat{d}}.$$