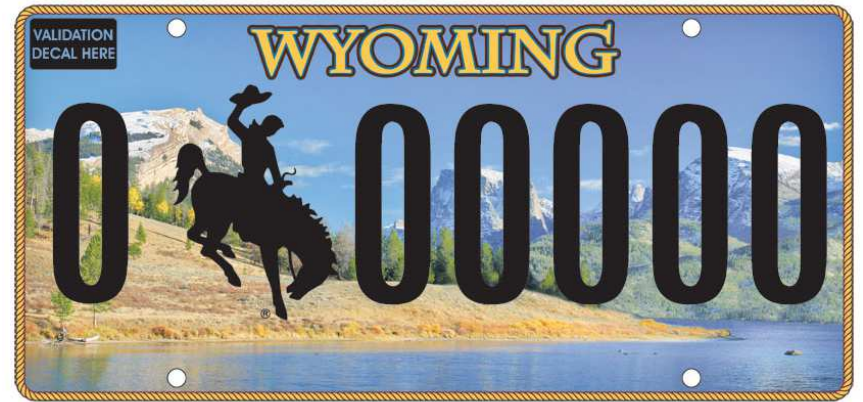# How many different license plates are there in California and Wyoming?



California: No 0 as first number; no I, O or Q as first or third letter.
Wyoming: First two digits are county code 1–23.

@dajmeyer

UC San Diego

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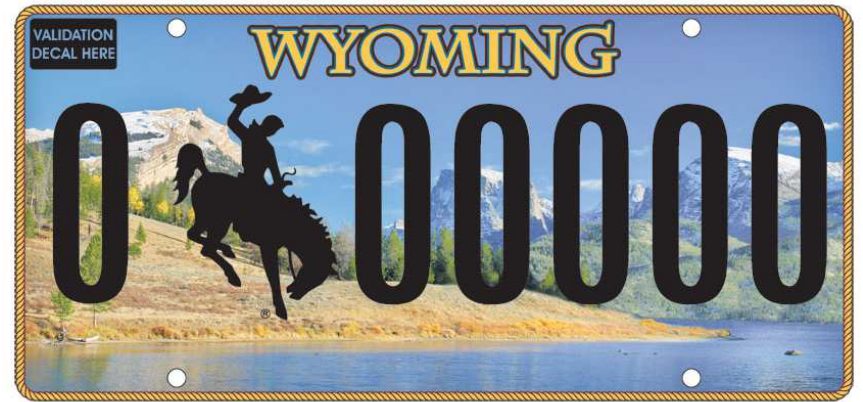Wyoming: First two digits are county code 1–23.

Can you estimate the populations of California and Wyoming?
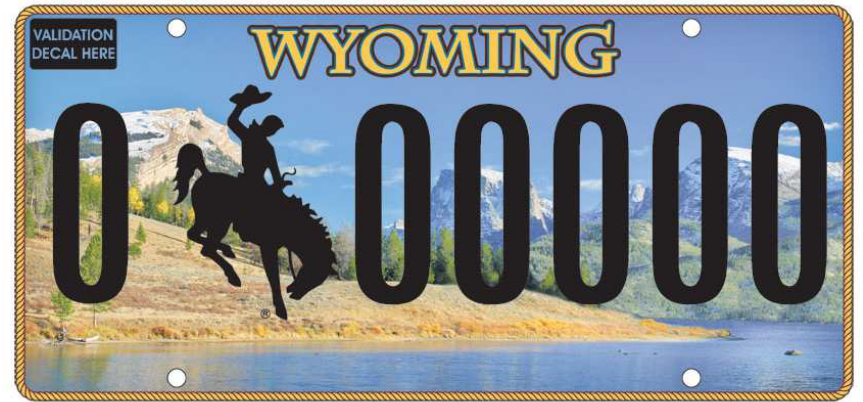Or their ratio?

# How many different license plates are there in California and Wyoming?



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$$9 \times 23 \times 26 \times 23 \times 10^3 = 123{,}786{,}000.$$
$$23 \times 10^5 = 2{,}300{,}000.$$
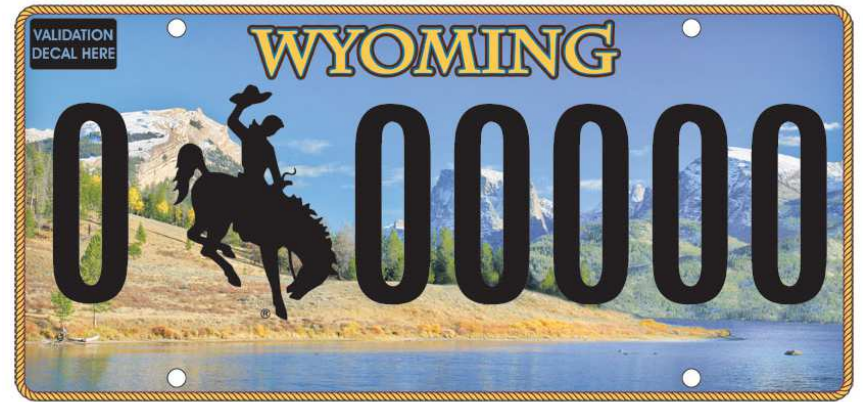
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2018 pop: $39.56 \times 10^6$

2018 pop: $5.78 \times 10^5$

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