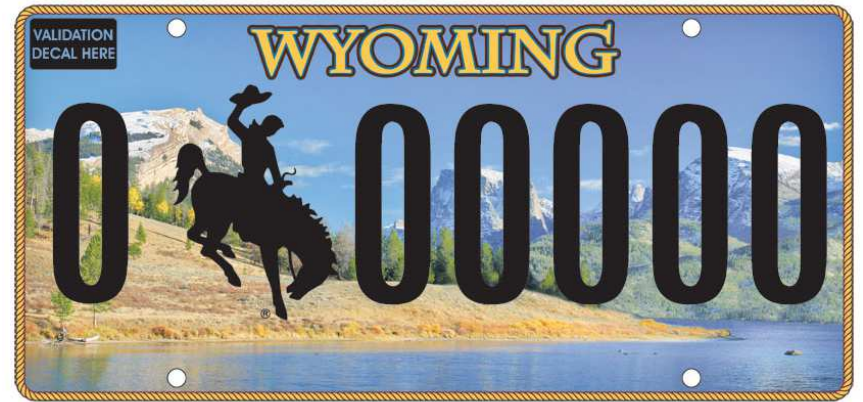


How many different license plates are there in California and Wyoming?



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.

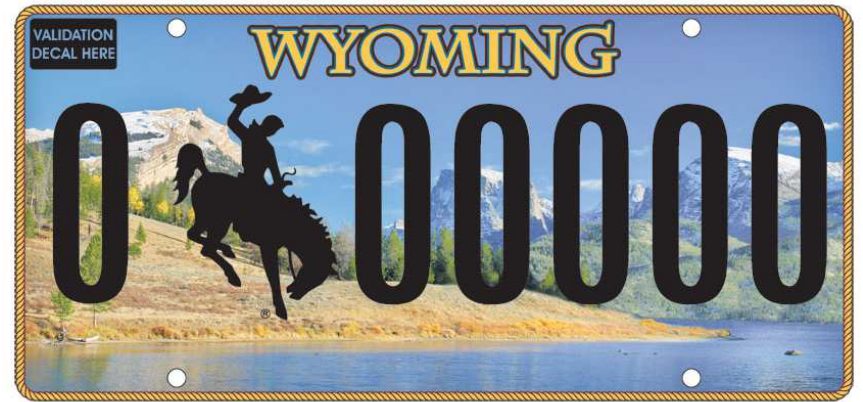
<http://www.15q.net/us1/ca12.jpg>

[http://www.dot.state.wy.us/home/titles\\_plates\\_registration.html](http://www.dot.state.wy.us/home/titles_plates_registration.html)

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UC San Diego

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

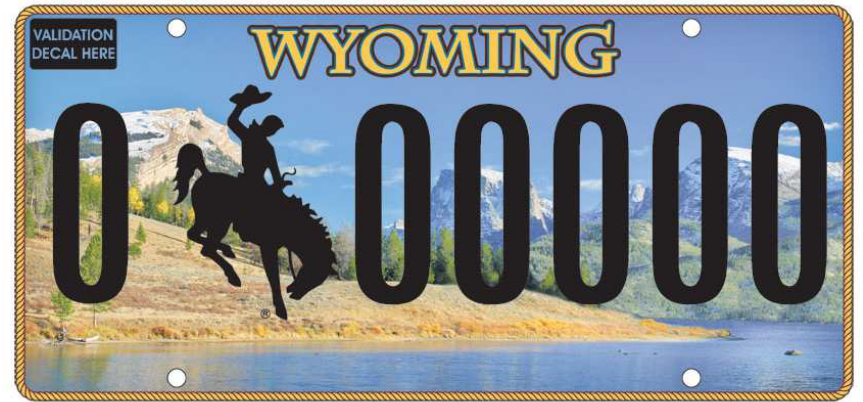
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$$9 \times 23 \times 26 \times 23 \times 10^3 = 123,786,000.$$
$$23 \times 10^5 = 2,300,000.$$

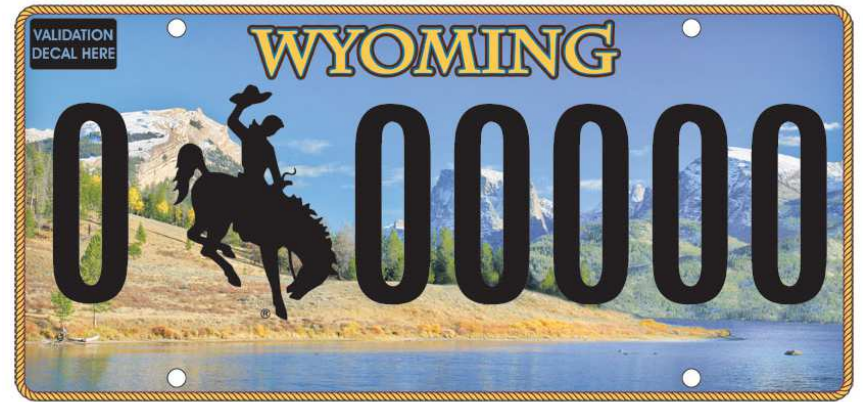
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$$2018 \text{ pop: } 39.56 \times 10^6$$
$$2018 \text{ pop: } 5.78 \times 10^5$$

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