



## CERTIFICATION OF INITIATIVE TO THE LEGISLATURE 502

Pursuant to Article II, Section 1 of the Washington State Constitution, RCW 29A.72.230, and WAC 434-379-010, the Office of the Secretary of State has caused the signatures submitted in support of Initiative to the Legislature 502 to be examined in the following manner:

1. It was determined that 354,608 signatures were submitted by the sponsors of the initiative. A random sample of 10,845 signatures was taken from those submitted;
2. Each sampled signature was examined to determine if the signer was a registered voter of the state, if the signature was reasonably similar to the one appearing on the record of that voter, and if the same signature appeared more than once in the sample. We found 8,774 valid signatures, 2,062 signatures that were invalid and 9 pairs of duplicated signatures in the sample;
3. We calculated an allowance for the chance error of sampling (68) by multiplying the square root of the number of invalid signatures by 1.5;
4. We estimated the upper limit of the number of signatures on the initiative petition which were invalid (69,650) by dividing the sum of the number of invalid signatures in the sample and allowance for the chance of error of sampling by the sampling ratio;
5. We determined the maximum allowable number of pairs of signatures on the petition (43,805) by subtracting the sum of the number of signatures required by Article II, Section 1 of the Washington State Constitution (241,153) and the estimate of the upper limit of the number of invalid signatures on the petition from the number of signatures submitted;
6. We determined the expected number of pairs of signatures in the sample (41) by multiplying the square of the sampling ratio by the maximum allowable number of pairs of signatures on the initiative petition;
7. We determined the acceptable number of pairs of signatures in the sample (30) by subtracting 1.65 times the square root of the expected number of pairs of signatures in the sample from the expected number of pairs of signatures in the sample; and
8. The number of pairs of signatures in the sample is less than the acceptable number of pairs of signatures in the sample.

Therefore, I hereby declare Initiative to the Legislature 502 to contain sufficient signatures.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of the State of Washington this 27<sup>th</sup> day of January, 2012.

Steven C. Excell  
Assistant Secretary of State