



**CALCULATION OF SUFFICIENCY OF SIGNATURES**  
**USING RANDOM SAMPLE**

INITIATIVE: 2021-2022 #121 "Sales of Alcohol Beverages"

Signatures required by law: 124,632

90% of required signatures: 112,169

110% of signatures: 137,096

Number of entries submitted: 192,017

5% of entries submitted: 9,601

Number of signatures accepted: 7,135

Number of signatures rejected: 2,466

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$$\frac{7,135}{\text{Number of accepted signatures}} \div \frac{9,601}{\text{Number of entries checked}} = \frac{0.743152}{\text{Multiplier to 6 digits}}$$
$$\frac{0.743152}{\text{Multiplier}} \times \frac{192,017}{\text{Entries submitted}} = \frac{142,697}{\text{Presumed valid signatures}}$$
$$\frac{142,697}{\text{Presumed valid signatures}} \div \frac{124,632}{\text{Required signatures}} = \frac{114.49\%}{\% \text{ of required signatures}}$$

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Action Required:  Issue statement of sufficiency  
 Issue statement of insufficiency  
 Conduct check of all signatures

Calculated by: Jeff Mustin *Jm* Date: 8/26/22