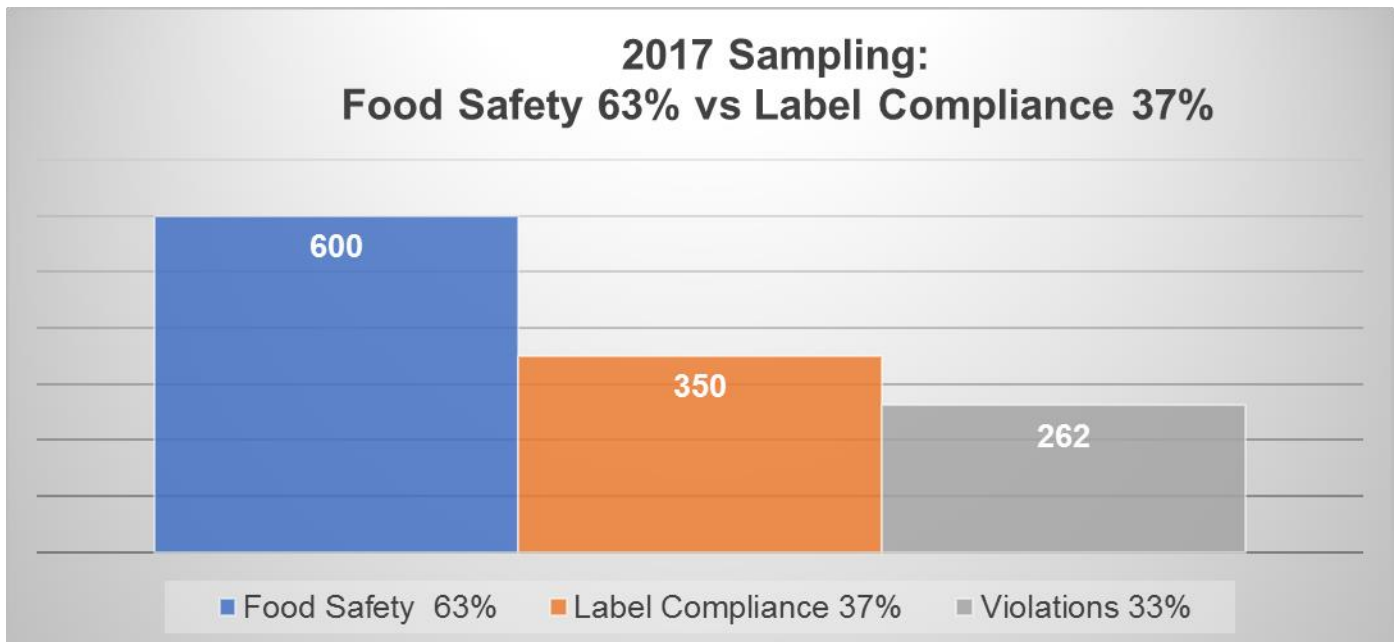


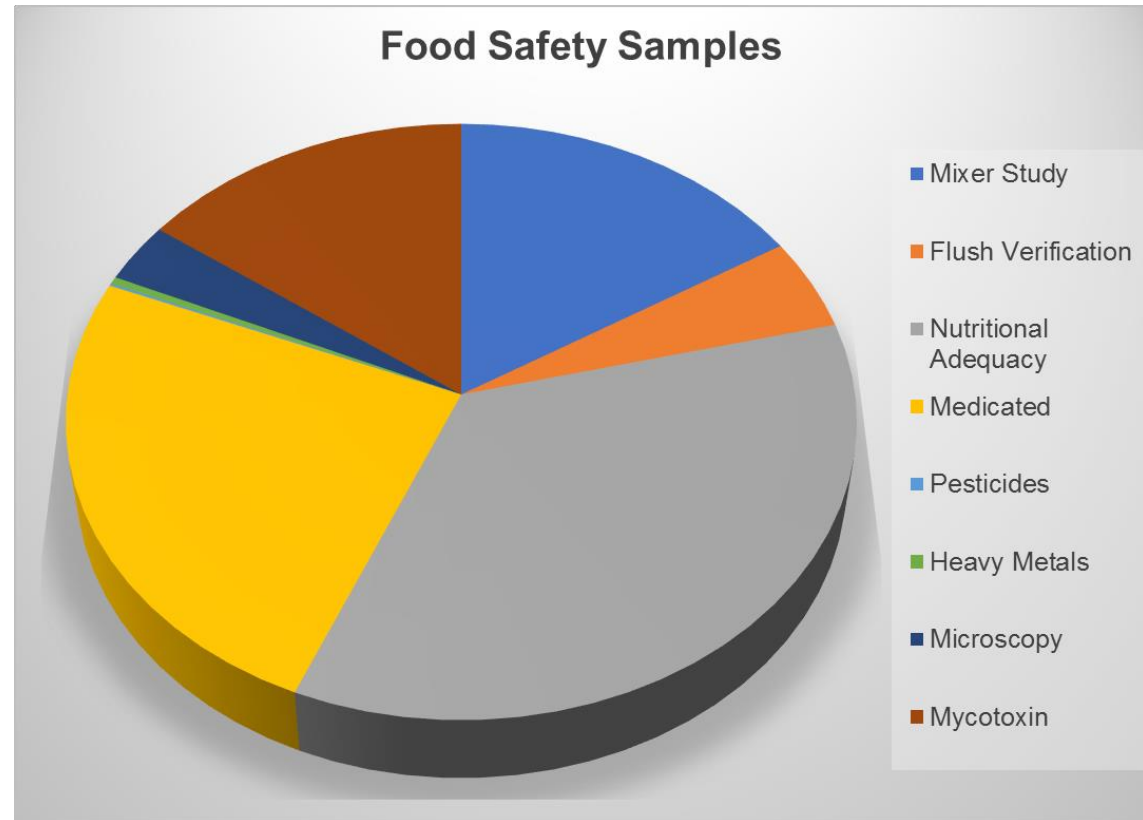
California Department of Food and Agriculture's Commercial Feed Regulatory Program Sample Data for 2017

Total numbers of samples obtained in 2017, including official and investigational.	950
Official samples ONLY	780
Of the Official Samples there was a violations rate of 33%	262
Food Safety 63%	600
Label Compliance 37%	350



California Department of Food and Agriculture's Commercial Feed Regulatory Program Sample Data for 2017

<u>Food Safety Samples include:</u>	
*Mixer Study	124
**Flush Verification	38
Nutritional Adequacy <i>These samples include either vitamin/mineral premixes or complete feeds and the feed is checked to ensure that it meets the guarantees purported on the label for the nutrients that are likely to affect animal health (i.e. vitamins and minerals)</i>	270
Medicated	191
Pesticides	1
Heavy Metals	3
Microscopy <i>These microcopies are looking at/for damage, ingredients in the feed, and presence of prohibited proteins</i>	25
Mycotoxin	115



* Mixer Studies are educational samples taken to look at the feed mill's mixer to determine its ability to effectively mix feed. These sampling studies are performed to assist firms in determining their mixer's capability to manufacture complicated mixes or concentrated feeds.

** Flush Verifications are performed at medicated mills and mills that use concentrated ingredients to help determine if the cleanout procedures are adequate to ensure the safe manufacturing of the following feed. (i.e. medication or concentrated mineral residues)