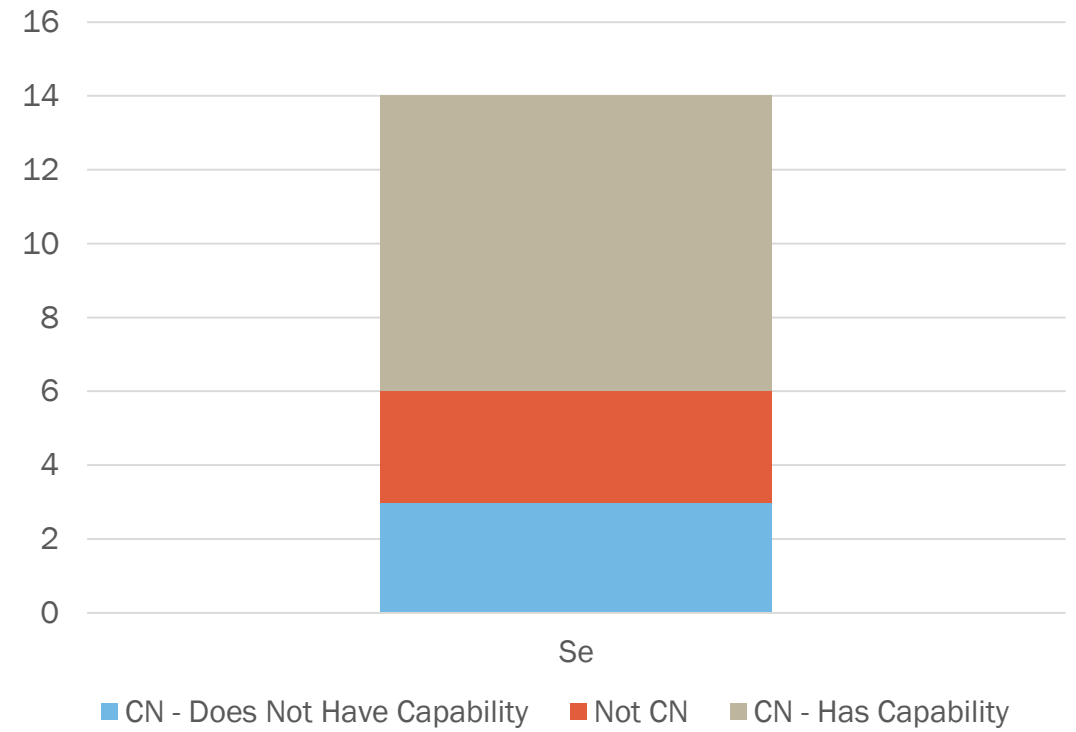
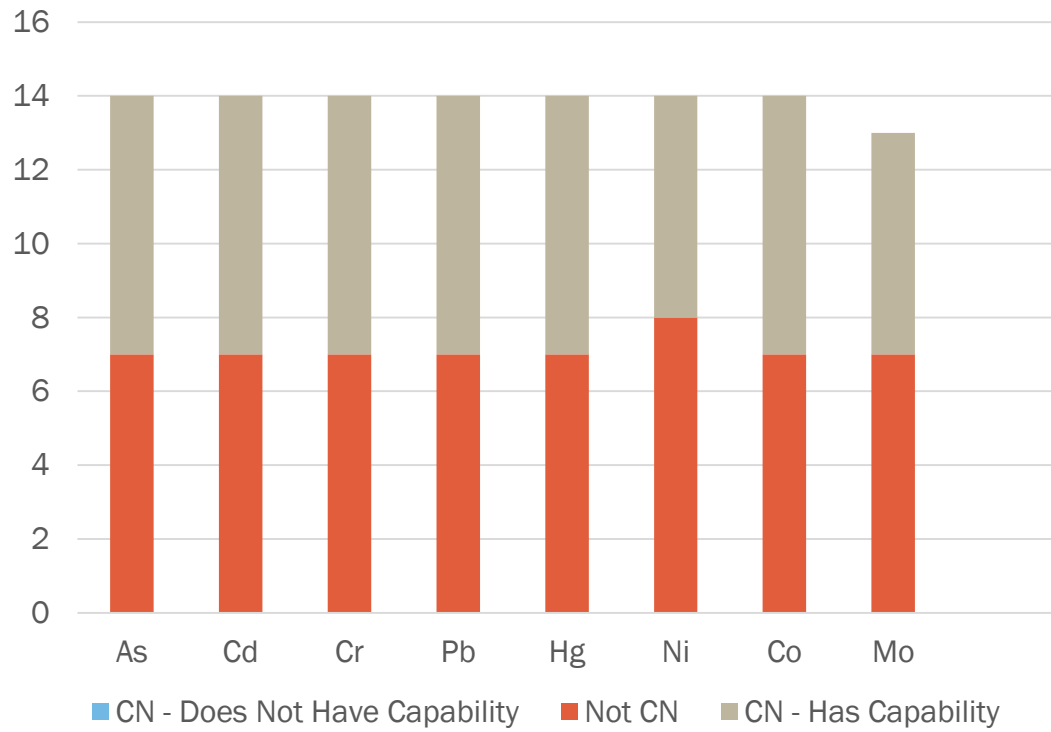




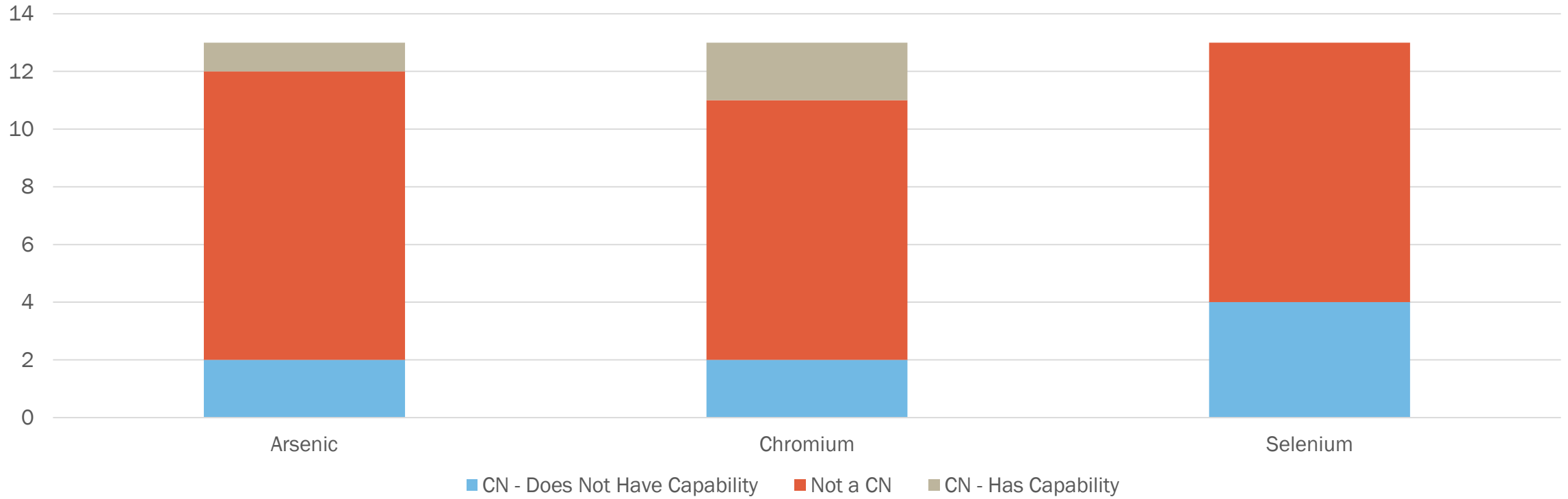
HAZARDS AND CONTAMINANTS SURVEY RESULTS

AAFCO MIDYEAR MEETING
JANUARY 2021

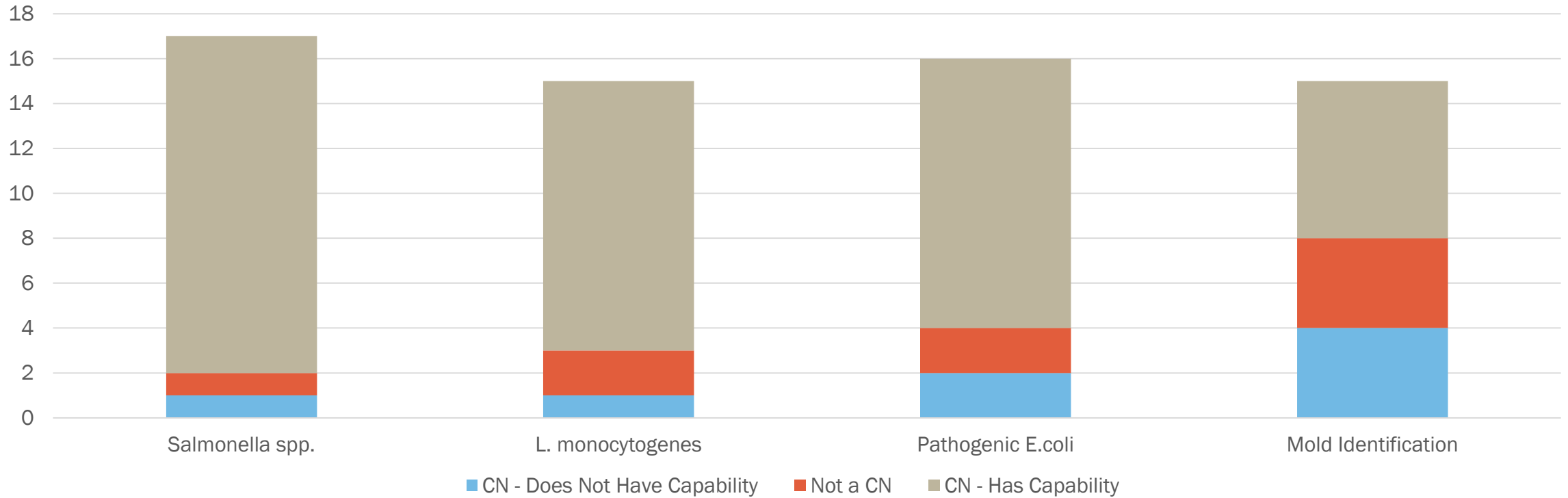
TOXIC METALS (TOTAL)



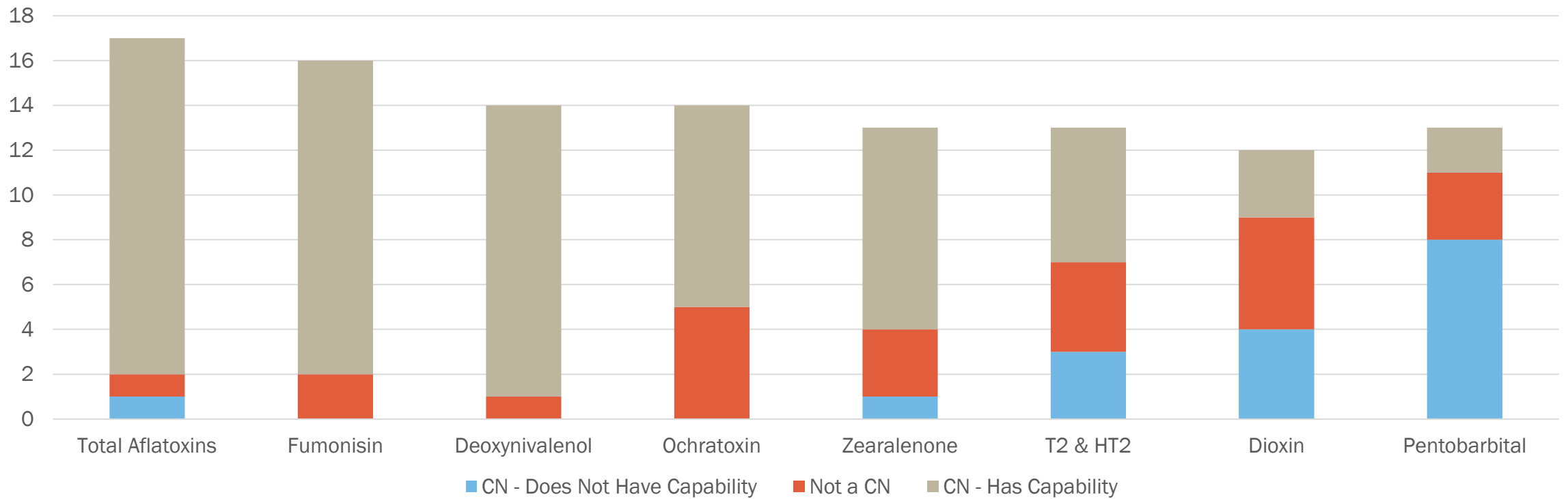
TOXIC METALS (SPECIATION)



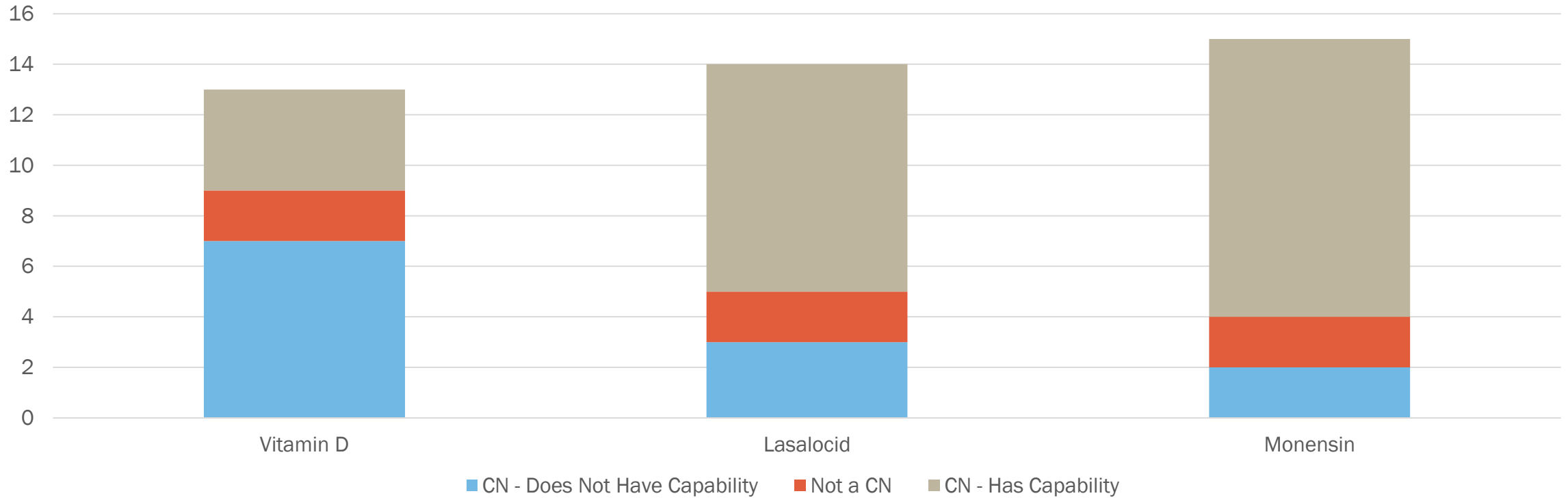
MICROBIAL PATHOGENS



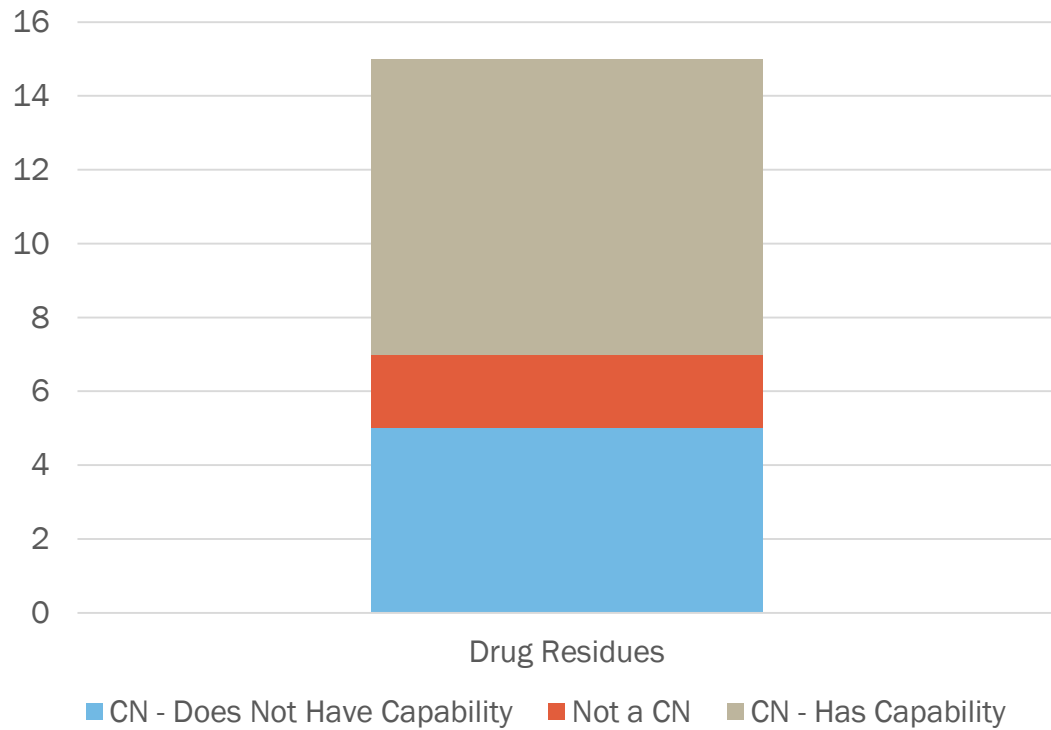
POISONS/TOXINS



VITAMINS & VETERINARY DRUGS

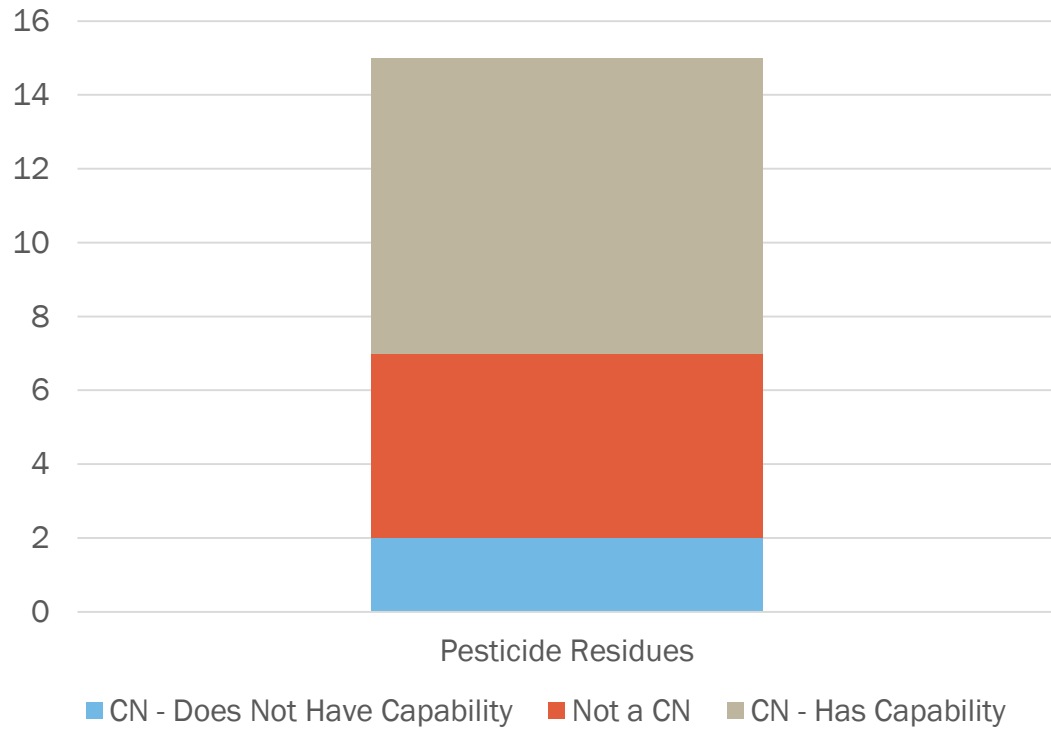


DRUG RESIDUES



- Human Important Antibiotics
- Ionophore Drugs
- Monensin, Lasalocid, CTC, Decoquinatone, Amprolium
- Most Commonly Used Animal Drugs
- Only Done When There Is A Need (Complaint, News, Etc...)

PESTICIDE RESIDUES



- Driven by Complaint or External Factor
- Organophosphates, Herbicides Most Commonly Used in Production of Grains
- USDA NOP List



NEXT STEPS/TAKEAWAYS

Next Steps

- Identifying Equipment Needs
- Matrix Extension Work
- New Method Validation Work
- Future Training Opportunities
- Best Practices Guidance

A Few Takeaways

- Se
- Speciation
- Microbial Pathogens
- Dioxin and Pentobarbital
- Vitamins/Drugs/Drug Residues
- Pesticide Residue Work

THANK YOU!

