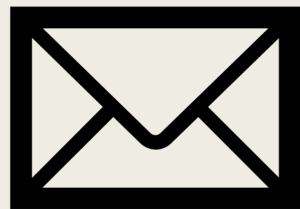


The image features two thick black L-shaped brackets. One is positioned in the top-left corner, and the other is in the bottom-right corner. They are oriented towards each other, framing the central text.

LABORATORY NEEDS SURVEY RESULTS

Two Surveys



- Following the annual meeting, the two surveys were further vetted and edited by the AAFCO BOD and AAFCO Executive Director.
- One survey sent to all AAFCO Feed Program contacts listed in the AAFCO OP with assistance of Louise
 - *36 surveys returned*
- Another survey sent to all AAFCO Feed Laboratory contacts listed in the AAFCO OP with assistance of Louise
 - *Resulted in getting some contacts updated!*
 - *43 surveys returned*



Survey questions

- Lab survey captured current capabilities
 - *Laboratory survey fairly long!*
- Both survey captured tests currently contracted, either to another state laboratory or to private laboratories
- Both surveys captured future needs (from both program and laboratory perspective)
 - *Program survey*
 - *Laboratory survey*



Survey Captured Anticipated Needs

- Both surveys captured future needs (from both program and laboratory perspective)
 - *Program survey*
 - What feed testing needs do you anticipate as a result of FSMA and PCAF?
 - *Laboratory survey*
 - Is your laboratory planning on adding methods in the future as a result of FMISA implementation?

SURVEY RESULTS

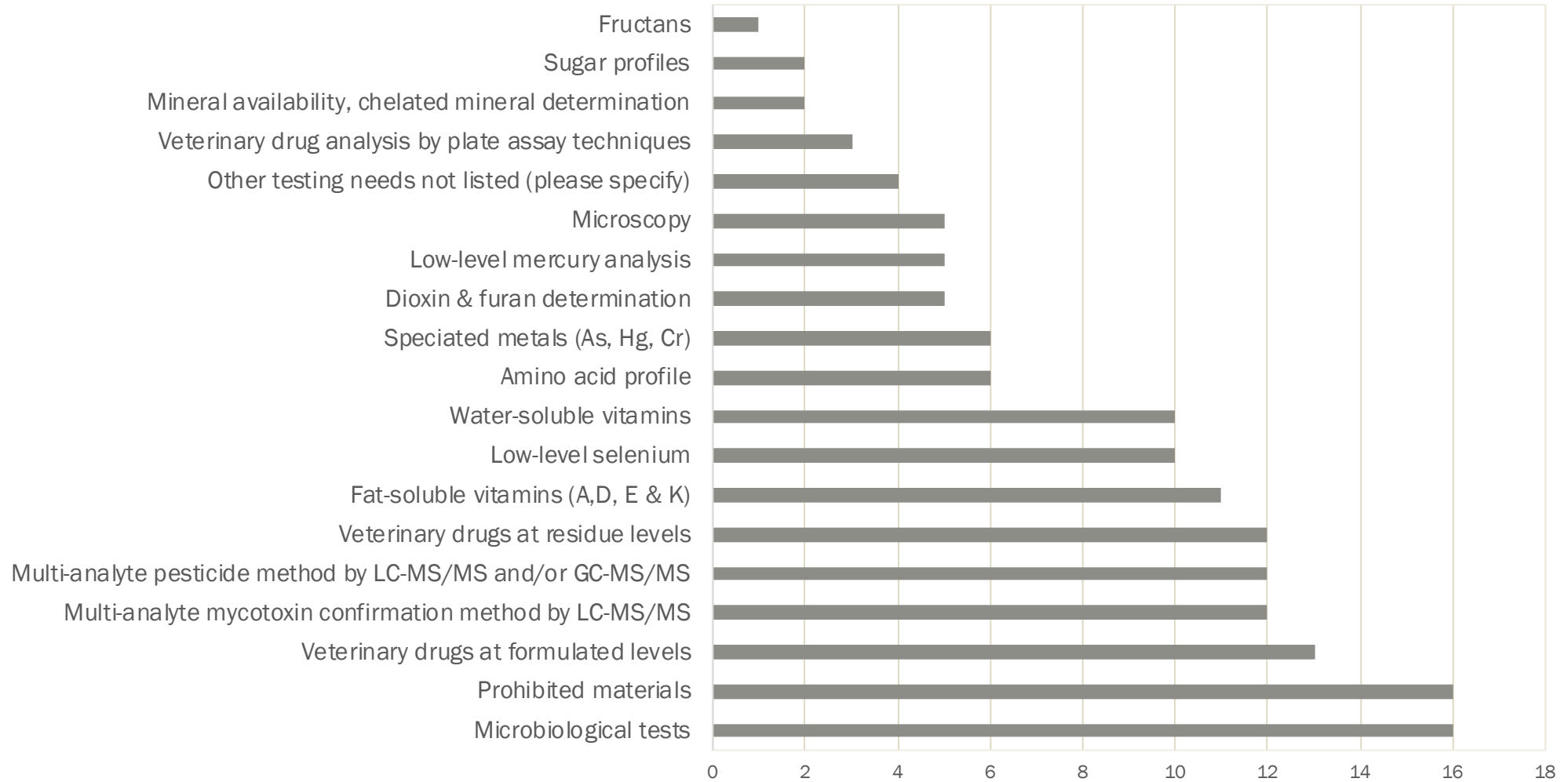
Related to Future Testing Needs



Responses from State Programs

Anticipated Testing Needs	Number responding
Microbiological tests	16
Prohibited materials	16
Veterinary drugs at formulated levels	13
Multi-analyte mycotoxin confirmation method by LC-MS/MS	12
Multi-analyte pesticide method by LC-MS/MS and/or GC-MS/MS	12
Veterinary drugs at residue levels	12
Fat-soluble vitamins (A,D, E & K)	11
Low-level selenium	10
Water-soluble vitamins	10
Amino acid profile	6
Speciated metals (As, Hg, Cr)	6
Dioxin & furan determination	5
Low-level mercury analysis	5
Microscopy	5
Other testing needs not listed (please specify)	4
Veterinary drug analysis by plate assay techniques	3
Mineral availability, chelated mineral determination	2
Sugar profiles	2
Fructans	1

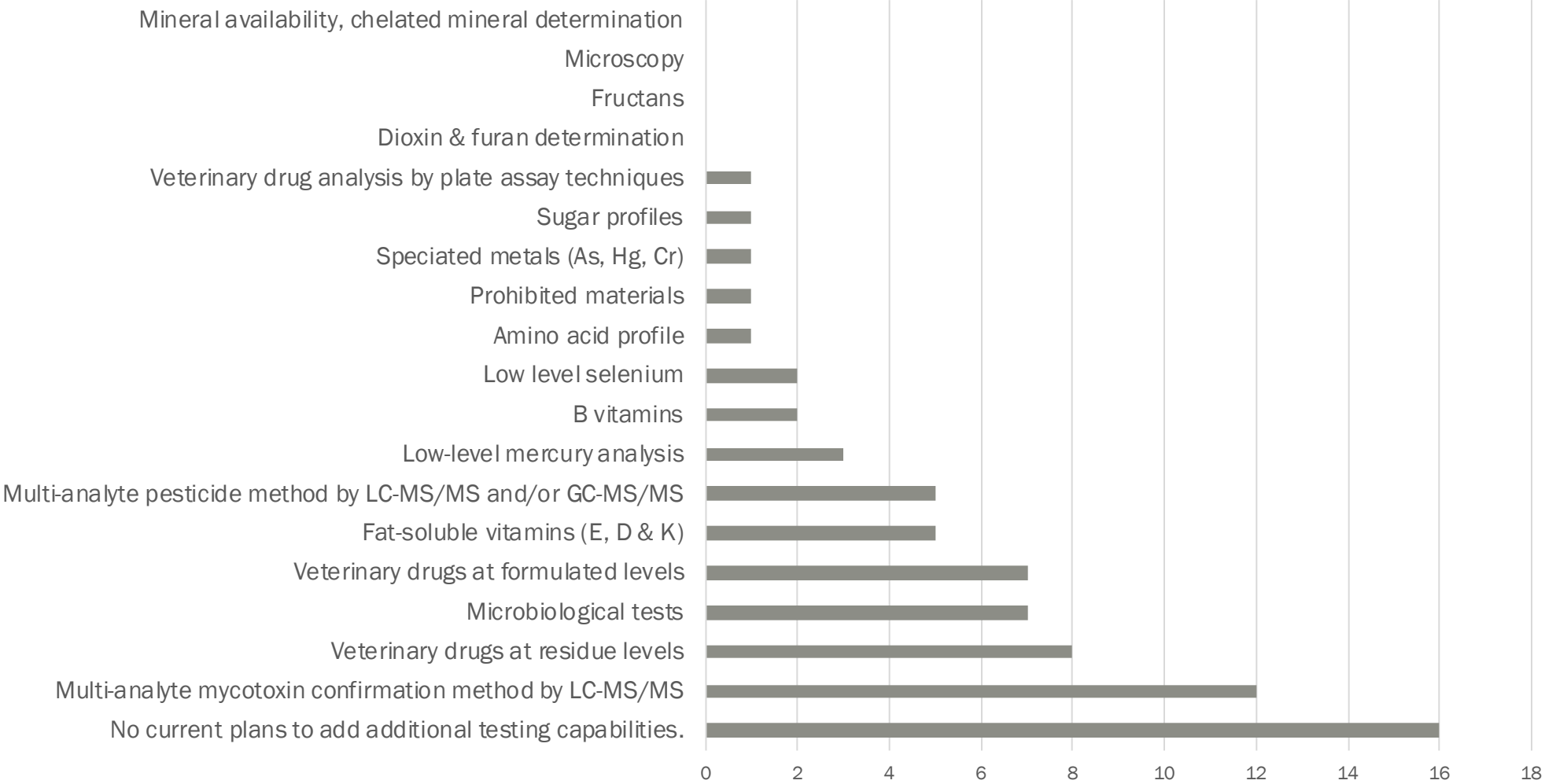
Anticipated Testing Needs of State Programs



Responses from State Laboratories

Anticipated Testing Needs	Number responding
No current plans to add additional testing capabilities.	16
Multi-analyte mycotoxin confirmation method by LC-MS/MS	12
Veterinary drugs at residue levels	8
Microbiological tests	7
Veterinary drugs at formulated levels	7
Fat-soluble vitamins (E, D & K)	5
Multi-analyte pesticide method by LC-MS/MS and/or GC-MS/MS	5
Low-level mercury analysis	3
B vitamins	2
Low level selenium	2
Amino acid profile	1
Prohibited materials	1
Speciated metals (As, Hg, Cr)	1
Sugar profiles	1
Veterinary drug analysis by plate assay techniques	1
Dioxin & furan determination	0
Fructans	0
Microscopy	0
Mineral availability, chelated mineral determination	0

Anticipated Testing Needs of State Laboratories

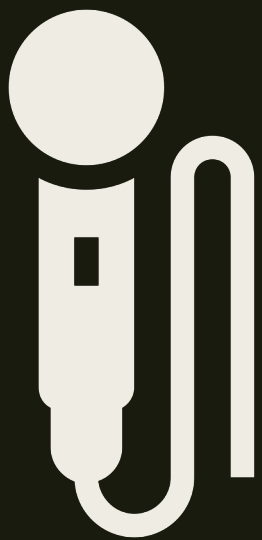


Common Priorities Between Programs and Laboratories

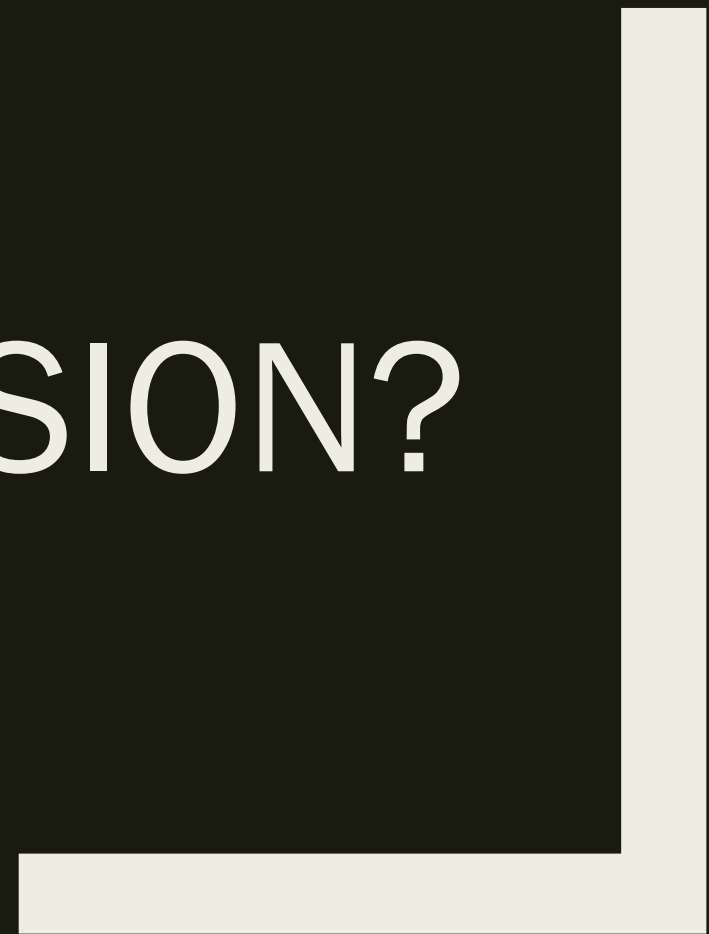
- Microbiological Tests Programs, 16 (37%); Labs, 7 (19 %)
- Veterinary Drugs at Formulated Levels Programs, 13 (30%); Labs, 7 (19 %)
- Multi-analyte Mycotoxin Confirmation Programs, 13 (28%); Labs, 7 (33 %)
- Multi-analyte Pesticide Method Programs, 13 (28%); Labs, 7 (14 %)
- Veterinary Drugs at Residue Levels Programs, 12 (28%); Labs, 8 (22 %)
- Fat Soluble Vitamins (A, D, E & K) Programs, 11 (26%); Labs, 5 (14 %)

Discrepancies in Priorities Between Programs and Laboratories

■ Prohibited Materials	Programs, 16 (37%); Labs, 1 (3 %)
■ Low Level Selenium	Programs, 10 (23 %); Labs, 2 (6 %)
■ Water Soluble Vitamins	Programs, 10 (23 %); Labs, 2 (6 %)
■ Amino Acid Profiles	Programs, 6 (14 %); Labs, 1 (3 %)
■ Speciated Metals	Programs, 6 (14 %); Labs, 1 (3 %)
■ Dioxins	Programs, 5 (12 %); Labs, 0 (0%)



DISCUSSION?





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Thanks for responding
to the survey!

Thanks for listening!

*Nancy Thiex &
Aaron Price*