

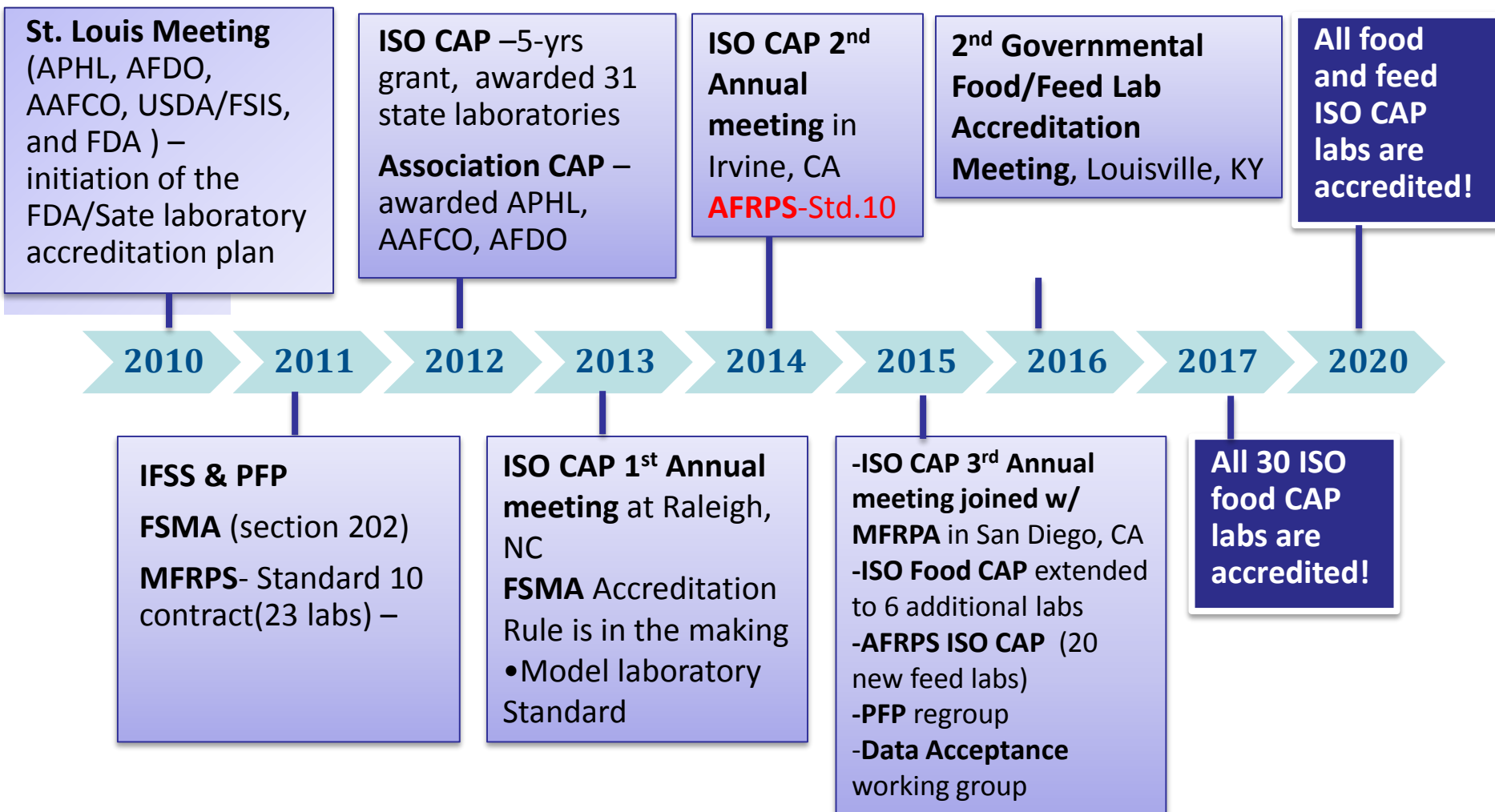
ISO/IEC: 17025 Accreditation for Feed Testing Laboratories

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Laboratory Accreditation is the Key Building Block of the Nation's Integrated Food/Feed Safety System

- Laboratory Accreditation supports the production of reliable and defensible data
- Using accredited laboratories provides decision makers confidence when taking regulatory action
- Laboratory accreditation supports establishing and implementing national standards

Accreditation Timeline



MFRPS ISO CAP labs funded in year 2012

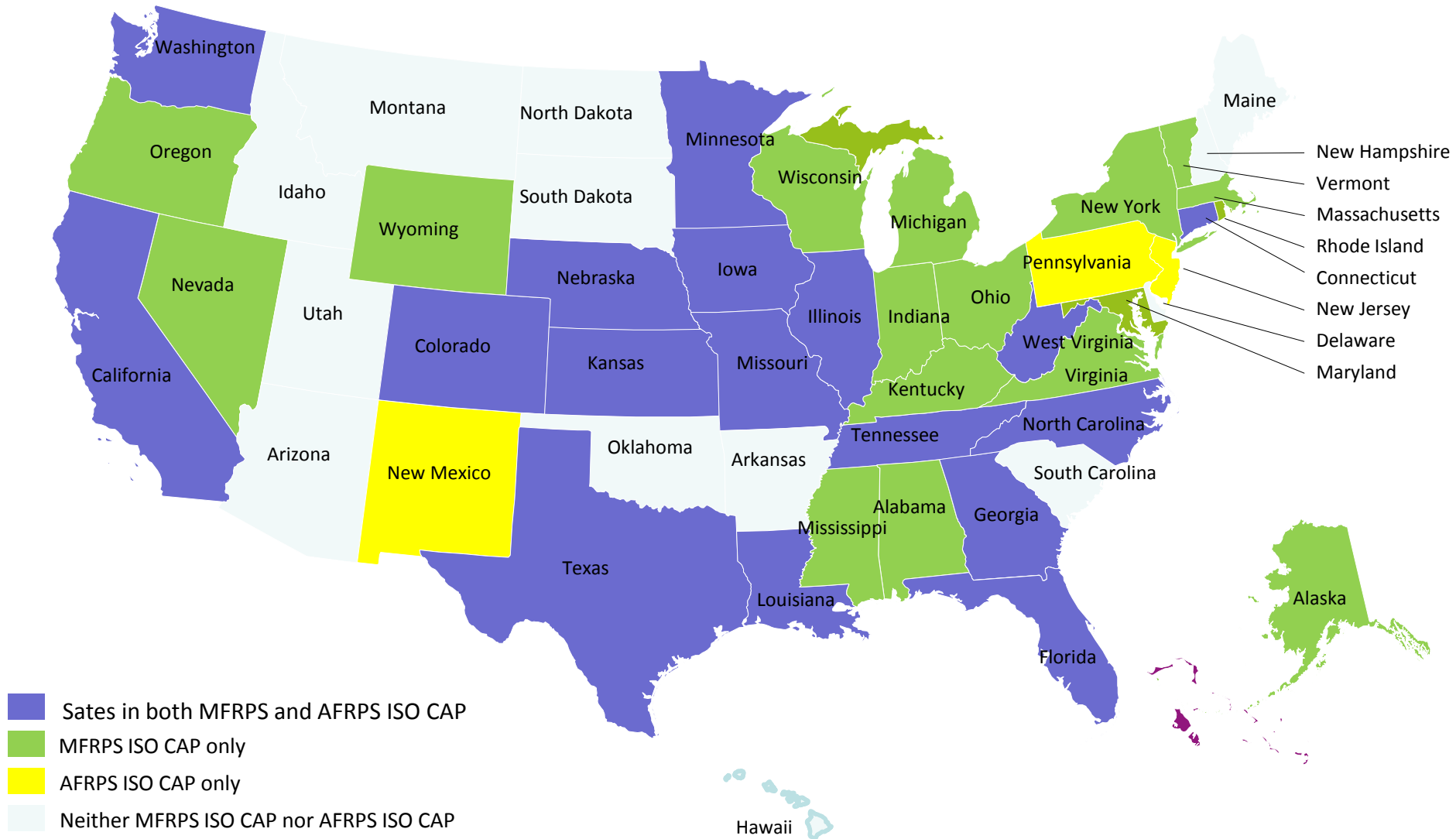
AK Alaska Department of Environmental Conservation
CA Department of Public Health
CT Agricultural Experiment Station
CT Dept. of Public Health
FL Dept of Agriculture & Consumer Services
GA Dept. of Agriculture
IA University of Iowa
IL Department of Public Health
IN State Department of Health
KS State of Kansas
KY Cabinet for Health & Family Services
MA Department of Public Health
MD Dept. of Health & Mental Hygiene
MI Dept of Agriculture
MN Dept of Agriculture
MO Dept of Health and Senior Services
MS State University
NC State Dept of Agriculture and Consumer Services
NE State of Nebraska, Dept of Agriculture
NY State Dept. of Agriculture and Markets
OH Dept of Agriculture
OR Dept of Agriculture
RI State of RI and Providence Plantations
SC Dept. of Health and Environmental Control
TX Dept of State Health Services
VA Division of Consolidated Laboratory Services
VT State Agency of Human Services
WA State Dept of Agriculture
WI Dept of Agriculture, Trade & Consumer Protection
WV State Dept of Agriculture

MFRPS new ISO CAP labs – newly funded in 2015

Alabama Dept. of Health
Colorado Dept. of Public Health
Louisiana Dept. of Public Health
Nevada State Public Health
Tennessee Dept. of Ag
Wyoming Dept. of Ag
AFRPS ISO CAP labs – newly funded in 2015
CA Dept. of Food & Agriculture
CO Dept. of Agriculture/Biochem. Lab
CT Ag. Experiment Station
FL Dept. of Agriculture & Consumer Services
GA Dept. of Agriculture
IA Dept. of Agriculture
IL Dept. of Agriculture
KS Dept. of Agriculture
LA Dept. of Agriculture & Forestry
MN Dept. of Agriculture
MO Dept. of Agriculture
NC Dept. of Agriculture
NE Dept. of Agriculture
NJ Dept. of Agriculture
New Mexico Department of Agriculture (NMDA)
Office of TX State Chemist
PA Dept. of Agriculture
TN Dept. of Agriculture
WA Dept. of Agriculture
WV Dept. of Agriculture (Regulatory and Environmental Affairs Division (READ))

Yellow – already accredited at the time received the grant

Green – accredited in the past two years



ORS Laboratory Accreditation Program

- Established in 2010
 - First laboratories receiving program assistance were the 23 MFRPS contract labs (2011 to 2012)
- Group composed of 10 scientific coordinators
 - Ruiqing Pamboukian, Angele Smith, Karen Blickenstaff, Dean Turco , Peggy Carter, Shari Kahn, Sarah Skorupsky, Heather Hawk, Tina Cai, Srinivasulu Chigurupati
- All members have laboratory experience and were trained to be certified with ISO 17025 standard and some of them completed Internal Auditor course
- Each one of the CAP lab assigned to one of the ORS technical advisor to provide one to one assistance

Program Objectives

- Provide technical assistance to the awarded laboratories that are seeking or maintaining their accreditation
- Provide OP with administrative support in managing the grant by monitoring the program process and make recommendation for future funding decision making
- Together with OP oversee and provide guidance on the laboratory accreditation component of the three association CoAg program (AFDO, AAFCO and APHL)
 - Efforts focused on coordinating ISO accreditation training, improving mentor mentee program, overseeing the Ad Hoc laboratories accreditation assistance and facilitating the planning of yearly national laboratory accreditation program meeting

ORS Program Guidance



Action Plan

- Training to be complete
- Proficiency Testing schedule
- Documents to be written
- Worksheets/Records to be developed
- Practices to be deployed
- Mentor-mentee activities
- FERN activities

program notwatu.

QUARTER 1 ACTIVITIES September 1 to November 30, 2013					
TRAINING TO BE COMPLETED:					
Course subject matter	Target date for completion	Date completed (ORS office use)	Evidence submitted to ORS (TR#)	Trainer	Trainee(s)
PROFICIENCY TESTS TO BE COMPLETED					
PT Provider	Scheduled date(s)	Date completed (ORS office use)	Evidence submitted to ORS (PT#)	Target Analyst(s)	PASS/FAIL
ISO DOCUMENTS TO BE WRITTEN:					
Title of completed document	Target date for completion	Date completed (ORS office use)	Evidence submitted to ORS (ID#)	Related ISO section?	Location of document: Masterlist Quality Manual
WORKSHEETS/RECORDS TO BE DEVELOPED:					
Title of completed record/worksheet	Target date for completion	Date completed	Evidence submitted to ORS (WR#)	Record/worksheet tied to which procedure	

Mentor – Mentee Program

- Each non-accredited lab was assigned to an accredited lab in this program
- Mentor labs are responsible to work together with their mentees to make a plan on their accreditation needs
- Quarterly group technical call for Q & A
- Examples of best practices:
 - Invited mentee labs for on-site visit
 - Scheduled conference call with mentee labs to answer questions and address specific issues
 - Provide documents can be tailored for lab's own need - SOPs, Quality Manual, forms, work instructions, etc.
 - Answer question on ad ho basis

Mentor-Mentee Program for Feed labs

Mentor labs	Mentee labs (Feed)
CA	WV
CO Dept. Ag	NM, MO
MN	KS, IA,
NC	LA, NJ, TN
TX	PA
WA	IL
FL (food)	FL, GA
NE (food)	NE
OH (food)	CT AES

ORS on-site visit

- Perform baseline assessment
- Assist laboratory to identify gaps and formulate action plan

Sample Flow through Laboratory

- Sample Integrity
- Document Control
- Quality Control
- Methods and Calibrations
- Purchasing and supplies
- Trace Backs

GAP Analysis Checklist

- Completed bi-annually to show progress - **METRIC**
- Used to establish quarterly action plans



Examples of collaborative efforts with the associations on supporting ISO accreditation

- FDA funded three associations: APHL, AFDO, AAFCO
- Co-Ag steering committee (APHL, AFDO, AAFCO and FDA)
- Collaborative training efforts (FDA, APHL)
- Web based repository resource center and discussion board (APHL) – **New face of the discussion board**
- Ad Hoc Labs assistance (APHL, FDA)
- Data Acceptance working group (APHL, FDA)
- Sampling working group – GOODSample document (AAFCO)
- Check Sample Program (AAFCO)
- QA/QC guidelines (AAFCO)
- Development of a competency based career spanning training curriculum framework (AFDO)

APHL's Resource Repository and Discussion Board

Food and Feed Accreditation Resources webpages

- Housing >200 documents include SOPs, templates, sample worksheets , work plans, webinar presentations, spreadsheet of training courses , etc.

(<http://www.aphl.org/aphlprograms/food/laboratory-accreditation/pages>)

On-line Discussion Board

- Online forum for laboratory professionals to exchange information

<https://www.aphlweb.org/lstsrvc/FFTABoard/Page/FFA.aspx>

If you have any question on how to join the Discussion Board or access the accreditation resources, please send an email to foodsafety@aphl.org

Impacts

- **Built strong collaboration among partners from federal, state, industry and associations**
 - Three annual program face-to-face meetings were held since 2013
 - Best practices on laboratory quality system were shared with grant awardees, accreditation bodies and three food safety associations (APHL, AFDO, AAFCO)
 - Served as a forum for educational/training on many ISO accreditation related topics through presentations and various technical sessions
 - Served as a forum providing networking opportunities
 - Training collaborated with associations and accreditation bodies
- **Enhanced state-to-state relationship through the mentor-mentee program**
- **Increased number of accredited food/feed testing laboratories will result in**
 - higher quality of data generated by these labs and increased reliable and defensible data for regulatory action
 - helping us to establish and assure confidence for decision making to take regulatory action
 - Increased national testing capacity and preparedness for food safety related incidents such as outbreaks
 - Harmonized laboratory standards throughout the country
- **Enhance Federal-State partnerships in building the nation's Integrated Food/Feed Safety System.**

Vision for the Future

- Continue to promote laboratory accreditation
- Continue to implement PFP best practices
- Continue to implement and improve MFRPS and AFRPS
- Develop and implement FSMA model laboratory standards
- State laboratories participate in National Surveillance Program
- Greater use of state data for regulatory action
- Coordinated, faster and more effective response to food safety events
- **Collaboration, collaboration and collaboration!**
 - AAFCO, APHL, AFDO, States, CVM, ORA (OP, ORS, Auditing staff), CFSAN, FERN, Vet-LIRN



Thank You!
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