

Antimicrobial Use and Stewardship Updates



April 3, 2018

Area 1:

Program Administration

Program Administration



Completed Projects

- Finalized recruiting, hiring, and training program staff in accordance with 2017-2018 approved funding.
- Developed and supported State funding proposals to support full implementation workload with FY 2018-2019 funding.
- State Veterinarian met with USDA, FDA, and CDC executive management in Washington, D.C. to investigate potential for federal funding (3/12-15)
 - Continues to be limited to small amounts of redirected funds.

Program Administration



Ongoing Projects

- *BCP 2018-2019* is pending.
- 2018 Strategic plan
 - Shared with Stakeholders March 27th
 - Seeking input at this meeting (verbal and written comments- please send by April 10)

Area 2:

Surveys & Studies

Surveys & Studies



Outreach and Education

- NASS/NAHMS Conference Call to discuss expanding efforts in California, 3/15/18
- Multistate One Health Antimicrobial Stewardship Call, 3/5/18
- AMU Metrics Workgroup Meeting, Fort Collins 2/6/18 – 2/8/18
- AUS Senior Livestock Inspector Training, 1/9/18 – 1/10/18
- UC Davis Research Collaboration Meeting, UC Davis 12/4/17
- California Cattlemen's Association Annual Conference, Reno 11/29/17 – 11/30/17
- CAHFS distributed outreach regarding their new MIC capabilities (November 2017)

Surveys & Studies



Completed Projects

- Cow-calf survey data collection
 - survey mailed out across state (10/19/17)
 - responses collected (980 surveys received by 3/9/18)
 - data entry completed
- Private veterinarian survey
 - conducted online (11/1/17 - 3/27/18)
 - responses collected (78 responses)
- VMTRC Dairy Calf study data collection
 - survey mailed out across state (Fall 2017)
 - responses collected (155 surveys received from the 1351 CA Dairies)
 - data entry completed

Surveys & Studies



Ongoing Projects

- Cow-calf survey: data processing and analysis
- Sheep survey: survey tool nearly complete, anticipated to go out Summer 2018
- Initial collection of 2017 Veterinary Feed Directives (VFDs)
- Vet mapping projects to assess potentially underserved areas across California and opportunities for outreach
- Private vet survey: exploring responses and determining next steps
- Continue working and finalizing contracts with researchers for on-farm use, husbandry practices, longitudinal, and biological sampling studies:
 - dairy calf
 - adult dairy cattle
 - backyard poultry & other small-scale livestock
 - commercial poultry
 - *Salmonella* retrospective study
- Contact with CAHFS to more accurately characterize resistance data

Area 3:

Stewardship

Stewardship



Outreach and Education

CCA UCCE - Farm Advisers	11/29/2017
CCA Annual Meeting, Reno	11/30/2017
Shasta Cattlemen's Association	1/4/2018
CDFA Cattle Health Advisory Task Force	1/10/2018
CWGA "Let's Grow" Chico State	1/17/2018
CWGA "Let's Grow" Hopland	1/18/2018
Loyalton BQA Certification	1/19/2018
UC Davis Goat Day	1/20/2018
Quincy BQA Certification	1/20/2018
UC Davis Winter Conference	2/3/2018
Siskiyou Cattlemen's Association	2/13/2018
World Ag Expo	2/15/2018
Yuba Sutter Cattlemen's (Vet Shortage Issue)	2/15/2018
Yuba Sutter Cattlemen's	2/15/2018
UCCE San Joaquin Valley Livestock Symposia	2/21-22/2018
Winter Ag Day (Shasta County, McArthur)	3/1/2018
CA State Rabbit Breeders Convention Education Night	3/2/2018
CCA Board of Directors	3/13/2018
Merced/Mariposa Cattlemen's Association	3/14/2018

Over 1220 industry leaders, vets, producers and youth reached from November 2017- March 2018

Stewardship



Completed Projects

- Senior Livestock Inspector Training (1/9/18- 1/10/18)
- Antimicrobial Stewardship Principles (Internal Version Finalized March 2018)
- Veterinarian-Client-Patient Relationship – Youth Agriculture Model (Finalizing Approval April 2018)
- Outreach Documents Translated – Spanish
- Website (regularly updated as needed)

Stewardship



Ongoing Projects

- Judicious Use Guidelines (Internal Version under final review)
- Backyard Poultry Resource Translation – Spanish, Chinese, Hmong
- Antimicrobial Stewardship Guidelines and Best Management Practices
 - Beef: Cow-calf
 - Dairy: Pre-weaned Calves
- Additional VCPR Models
 - Rural Livestock Producer-Veterinarian
 - Out-of-State Veterinarian Consultation
- Upcoming trip to Ontario to discuss challenges with local veterinarians
- Delivery of outreach materials to dairy producers in collaboration with the Milk and Dairy Food Safety Branch
- Pacific Veterinary Conference
 - Dr. Busch, Speaker on Hobby Food Animal Track in June 2018

Area 4:

Regulated Use

Regulated Use



Outreach and Education

- Retailer Mailouts
 - December 2017- Updated outreach materials
 - January 2018 - Letter regarding regulation status
 - February 2018 – Reissued notice and modified proposed regulations
- Retailer Visits
 - December 2017 - Ensure compliance with California prescription drug sale requirements as of January 1, 2018
- Website updates
 - Added regulations page and updated posted outreach materials
- VFD Firm Visits
 - February 2018- Conducted follow up survey of firms manufacturing and/or distributing VFD medicated feed

Regulated Use



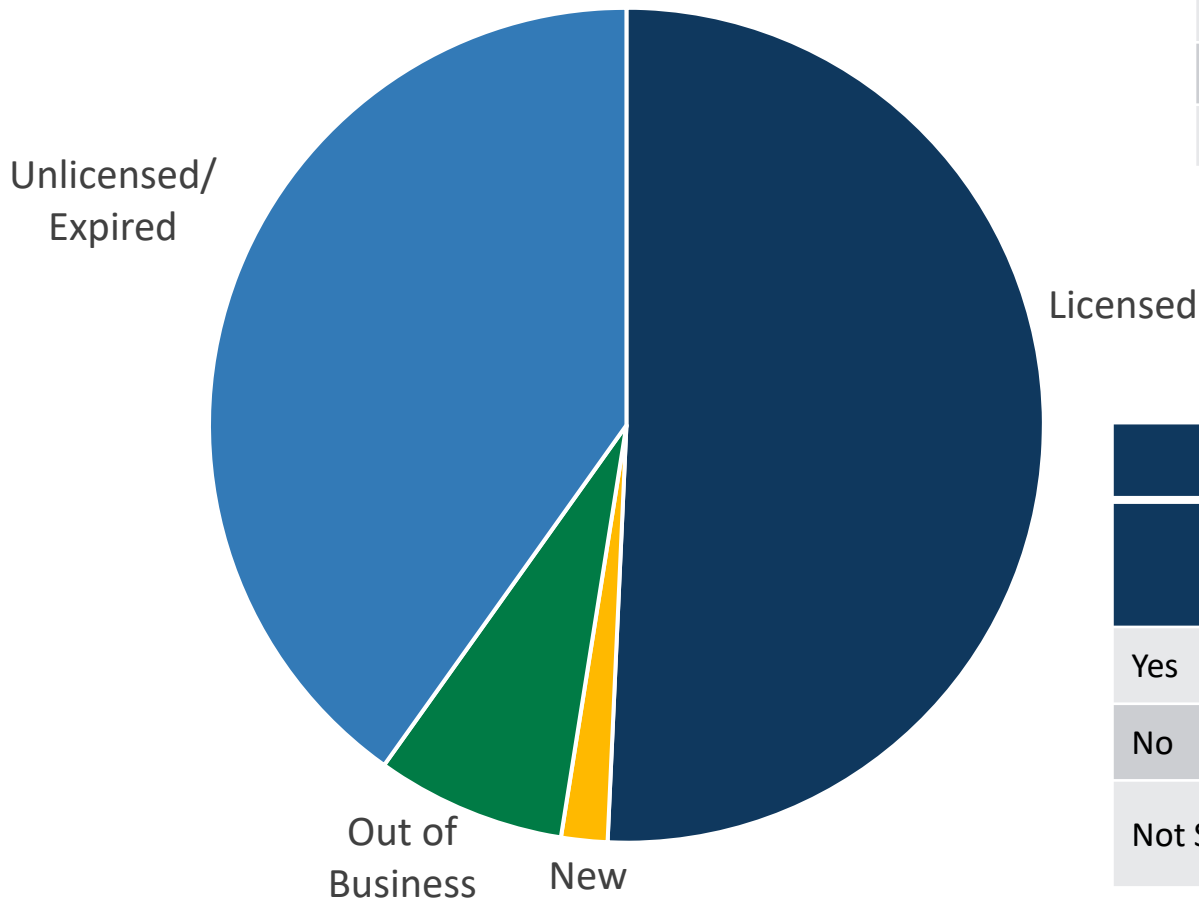
Completed Projects

- Major Outreach Push- Visited Livestock Drug Retailers (December 2017)
 - Completed 558 retailer visits
 - Included distribution of outreach and completion of retailer drug sales survey
- Proposed Regulations modified and provided notice to the public (Released February 2018)
- Updated State Economic and Fiscal Analysis (February/ March 2018)

Regulated Use



Retailer Visits by Type (558 total)



	Total	Completed
Licensed	314	294
Unlicensed	297	264
TOTAL	611	558
Counties	55	45*

*Unable to complete Santa Barbara and Ventura due to fires

Response to Retailer Survey

	Sold Prior to 1/1/18	Intended to Sell After 1/1/18
Yes	369	39
No	110	417
Not Sure	N/A	33

Regulated Use



Ongoing Projects

- Finalize regulations
- Update outreach material
- Continue retailer outreach
- Retailer compliance and enforcement
- Data Collection

Regulated Public

Feedback

Surveys & Studies

- Producer Needs: surveys and other materials translated into other languages to make them accessible to all producers across the state
- Responded to approximately 50 calls from producers regarding the cow calf survey (October – November, 2017)
- Administered Stakeholders Satisfaction Survey on 2/9/18.
 - 2 Responses received so far.

Stewardship

- Regarding Veterinary Shortage
 - Perceived concerns from backyard producers regarding veterinary availability for both routine and emergency care
 - Perceived concerns from veterinarians of increased work load and clients with financial limitations
- Regarding Ease of Implementation
 - Producers expressed that it has not been difficult to find a veterinarian, and they understand what is expected.

Feedback



Regulated Use

- Retailer Visits
 - Received consistent feedback regarding availability of these products for small producers after January 1, 2018
 - Received follow up phone calls to further discuss information provided
- Regulation Comments
 - Received written comments and oral comments at public hearings for both initial and modified regulations