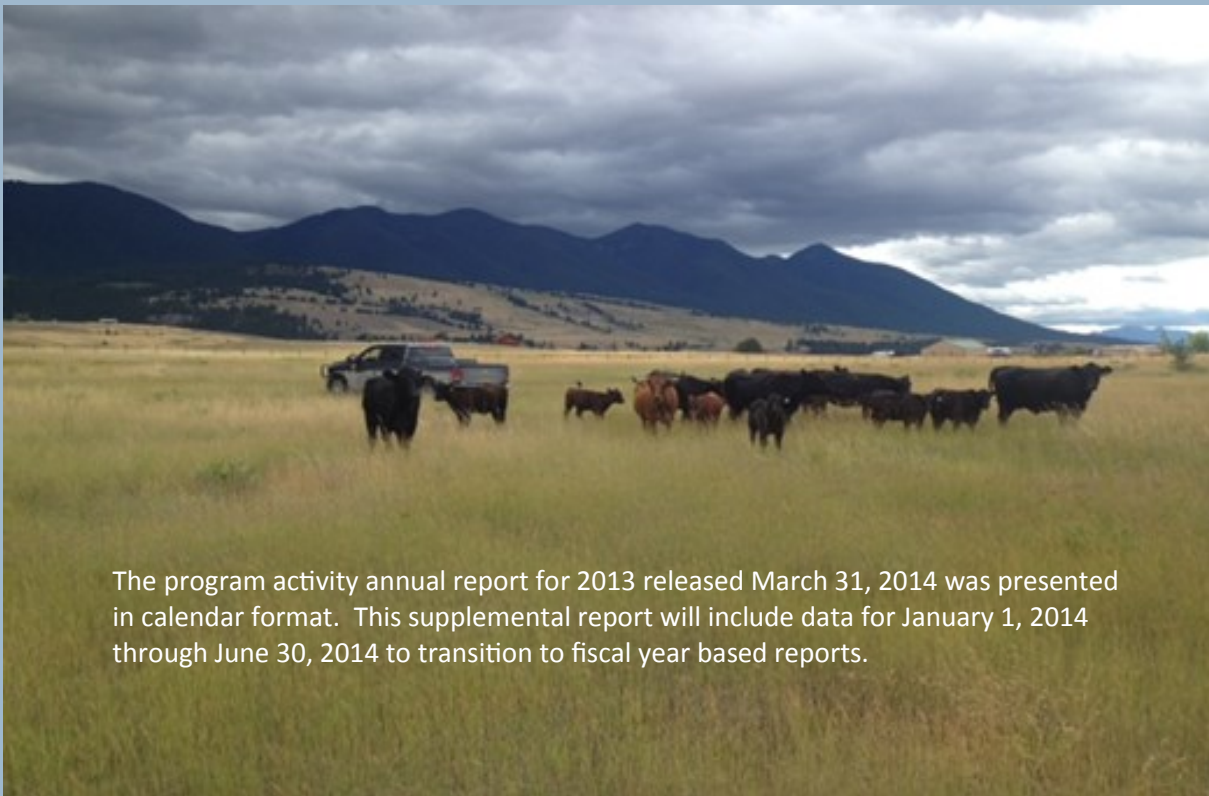




MONTANA DEPARTMENT OF LIVESTOCK

Animal Health Division

Addendum to the 2013 Animal Health Annual Report



The program activity annual report for 2013 released March 31, 2014 was presented in calendar format. This supplemental report will include data for January 1, 2014 through June 30, 2014 to transition to fiscal year based reports.



MONTANA DEPARTMENT OF LIVESTOCK

Animal Health Division

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MANAGEMENT

There were no changes in personnel during this period. Two veterinary students joined us for short internship work. One student was here for four days and observed haze back operations on bison. The second intern stayed for two weeks and worked with Dr. Szymanski on PEDv and iCVI and worked with Dr. Liska on brucellosis activities.

The Helena office staff met nine times and discussed various business practices for consistency and to promote continuity with the work flow and to manage workload distribution. Began work to promote and manage electronic records and discussed implementation and management of the new fees established May 23, 2014 by administrative rule.

DEPUTY VETERINARIAN ACCREDITATION

There were two seminars, one in January and one in June held for Deputy Veterinarian Accreditation: January 30, 2014 with ten attendees; June 26, 2014 with 17 attendees.

INFORMATION SHARING

Extensive work was done revising our 2013 year-end annual report. The report was changed from a plain statistical, narrative document into a quality professional-looking document with photos and charts.

Developed and distributed two "Stock Quotes" Animal Health newsletters in January and June 2014. These were sent by e-mail to about 450 veterinarians, uploaded to our web site, and mailed to 738 veterinarians providing readers information on new policies, updates, and current events relevant to animal health issues and the department.

We had four staff meetings where information was presented covering the Board of Livestock meetings; field updates from the area managers; Helena office staff updates; and disease management actions on rabies, trichomoniasis, PEDv, and brucellosis. The veterinarians gave overview presentations on specific diseases and reviewed public health issues and DSA activities. We made a change to the agenda for future meetings, instead of the veterinarian overviews; we will now have the area managers give presentations on their various activities such as reviewing a criminal case, the activities at a market, conducting an organized truck stop, etc.

D I S E A S E S

JOHNE'S

Year	(+) Samples	(-) Samples	All Samples	Submissions	Average Samples/ Submission
2011	24	484	508	96	5.3
2012	47	1729	1776	122	14.6
2013	118	2384	2502	110	22.7
2014 Jan-June	215	1180	1395	74	18.9
Total	404	5777	6181	402	13.4

As the above table shows MDOL has seen an increase in both the number of submissions and the number of animals per submission, which likely reflects a shift from individual animal diagnostics to herd-level surveillance.

AVIAN INFLUENZA

Montana Department of Livestock completed avian influenza surveillance on two domestic hobby flocks using cooperative agreement funds from the USDA. Surveillance is directed at identifying flocks infected with the H3 and H7 strains of avian influenza which are most commonly associated with human infection with avian influenza strains.

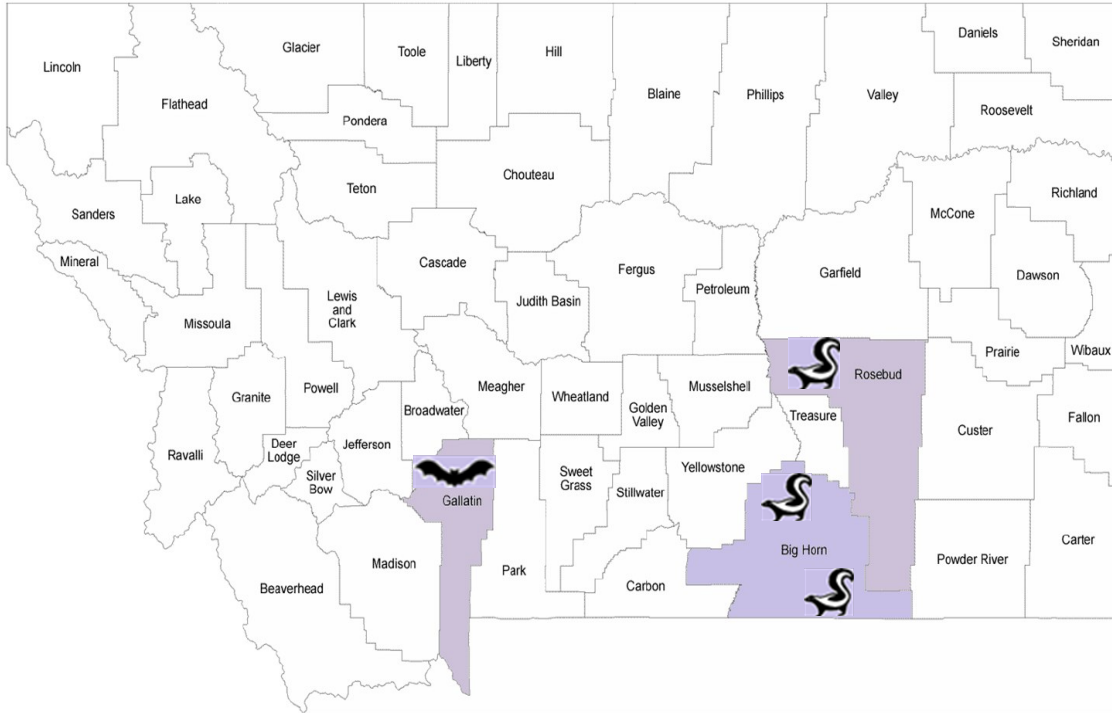
SWINE ENTERIC CORONAVIRUS DISEASE (SECD)

Montana has had two confirmed cases of porcine epidemic diarrhea (PED) and one confirmed case of Delta Coronavirus. Through collaboration with the Montana Pork Producers Council, we have developed a voluntary reporting network in Montana that allows producers to be made aware of new cases of SECD within the network in order to make informed decisions regarding human, movement, and vehicle traffic.

DISEASES

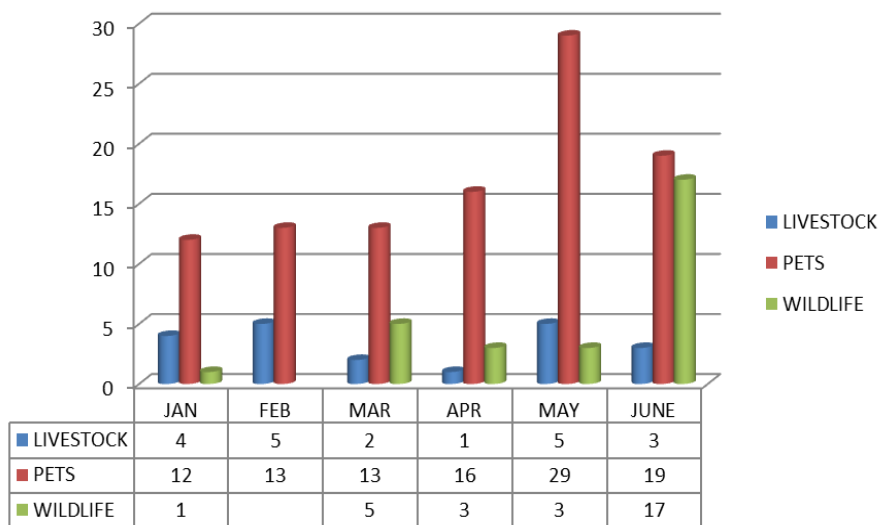
RABIES

As of June 30, 2014 there have been three positive skunks in Big Horn and Rosebud Counties and one positive bat found in Gallatin County (see map below). Because Big Horn County's skunks were found early in the year (March), the mandatory 60-day countywide quarantine for pets (cats, dogs and ferrets) has been released. Rosebud County's quarantine was released on July 18, 2014.



Reservoir species, such as skunks, bats, raccoons, foxes and coyotes, are responsible for maintenance of the rabies virus in the wild and for transmission to domestic species.

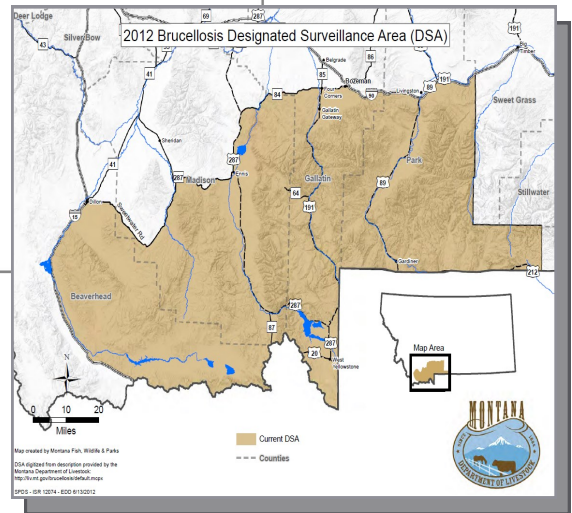
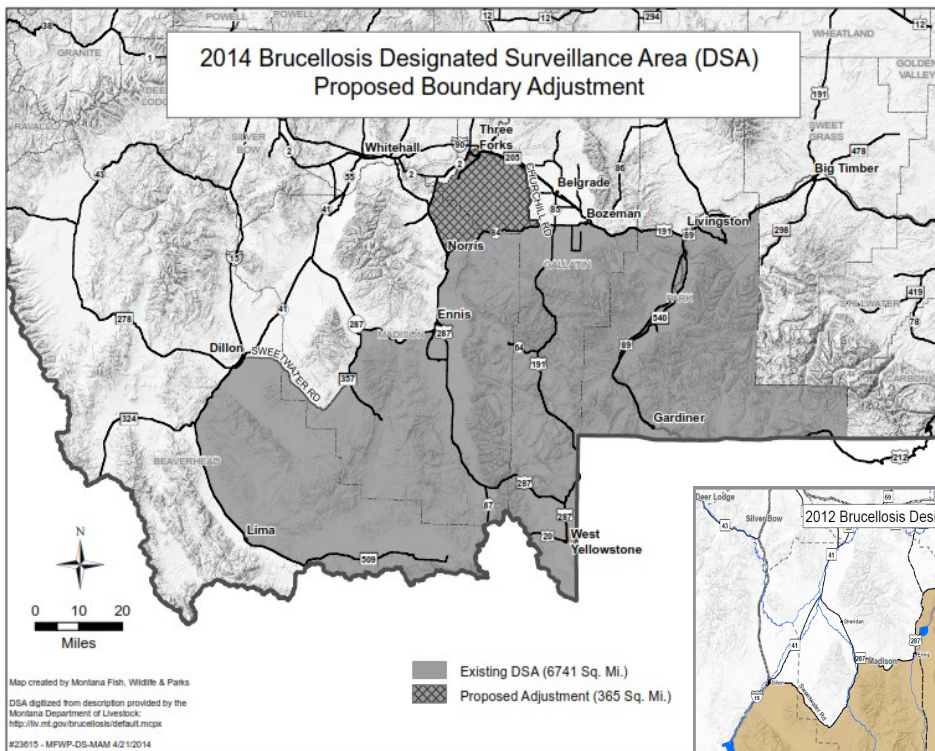
January- June 2014 Rabies Test by Category



BRUCELLOSIS

DESIGNATED SURVEILLANCE AREA (DSA)

A recent elk study conducted in the Blacks Ford and Red Mountain areas (outside of the current designated surveillance area), by the Montana Department of Fish, Wildlife and Parks revealed a significant number of brucellosis-exposed elk. Due to the potential of *Brucella* exposure to livestock and to help protect Montana's livestock producers and its trading partners from the introduction of potentially infected livestock, ***a designated surveillance area boundary change is proposed to include cattle operations that overlap with the range of these elk in the designated surveillance area.***



B R U C E L L O S I S

TESTING

Most livestock testing is performed by local veterinarians for movement, change of ownership, surveillance, and market veterinarians for change of ownership, and preslaughter. Brucellosis testing is paid for through reimbursement of testing costs directly to the veterinarians and livestock owners (ranch testing only).

2014	MARKET		RANCH		2014 TOTAL	
	No. Cattle	Amount	No. Cattle	Amount	No. Cattle	Amount
JAN	2955	\$ 25,117.50	5978	\$ 63,950.50	8933	\$ 89,068.00
FEB	725	\$ 6,162.50	771	\$ 7,865.50	1496	\$ 14,028.00
MAR	364	\$ 3,094.00	1441	\$ 6,791.00	1805	\$ 9,885.00
APR	820	\$ 6,970.00	820	\$ 7,728.50	1640	\$ 14,698.50
MAY	346	\$ 2,941.00	1305	\$ 11,674.00	1651	\$ 14,615.00
JUN	773	\$ 6,570.50	2412	\$ 14,755.00	3185	\$ 21,325.50
TOTAL	5983	\$ 50,855.50	12727	\$ 112,764.50	18710	\$ 163,620.00

EPIDEMIOLOGIC INVESTIGATIONS

The Park County herd was released from quarantine on May 26, 2014 following the completion of their third negative whole herd test with the releasing test occurring post calving.

The Madison County herd was released from quarantine on April 10, 2014 following the completion of two negative whole herd tests with the releasing test occurring post calving.

**Both herds are required to complete an assurance test (whole herd test) in the fall of 2014*

The Madison County domestic bison herd was released from quarantine following the completion of two years of negative herd testing. The herd was released from quarantine on May 23, 2014. This herd will complete an assurance test in the fall of 2014.

***All three herds are within Montana's DSA and are therefore under continued surveillance testing.*

PROGRAM PERFORMANCE

IMPORT/EXPORT

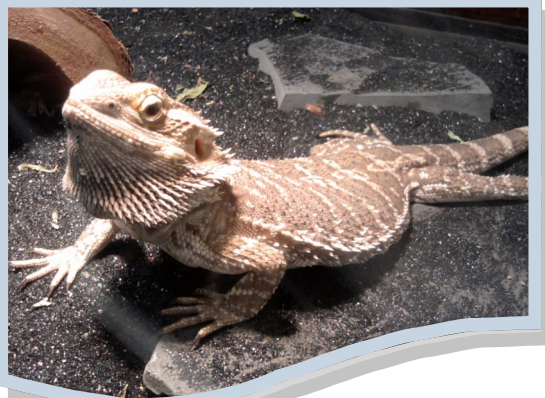
Export Certificate Data Entry

Summary of the export certificate data from January—June 2014 shows 106 sheep; 130,950 swine; and 249,371 cattle were exported. Sheep were under reported. Swine certificates are electronic and are complete. Cattle numbers are for animals 18 months and older. We prepared this information in response to a request from the Montana Field Office of the USDA National Ag Statistics Service. *A note of explanation was added that we do not enter all the sheep certificates so those numbers may not be complete; the swine certificates are electronic so their numbers are complete; and the majority of the cattle numbers are only for animals 18 months and older.*

During this reporting period staff worked 658 hours entering individual identification from 2,876 Montana origin paper Certificates of Veterinary Inspection (CVI) and 895 electronic CVI's. Completed the data entry for 2013 at the end of February. For 2014 we have entered individual identification for 98,979 cattle.

EXOTIC ANIMALS

In the first six months of 2014, MDOL, Animal Health, issued 103 import permits for 1,067 exotic animals for exhibition at various fairs, events, pet stores, circuses, licensed roadside menageries, and private individuals. Exotic animals include bearded dragons, geckos, ball pythons, other allowed snakes, hermit crabs, frogs, and chameleons. We also issued import permits for marmosets, brown bear, black bear, pine martens, porcupines, raccoons, fishers, foxes, and opossums, which were imported to either research labs or roadside menageries. Some species, such as elephants, tigers, lions, kangaroos, were for circus exhibitions only. The popularity of exotic animals has been on the rise for a few years and MDOL ensures that each imported species is not prohibited and is accompanied by the required health certificate.

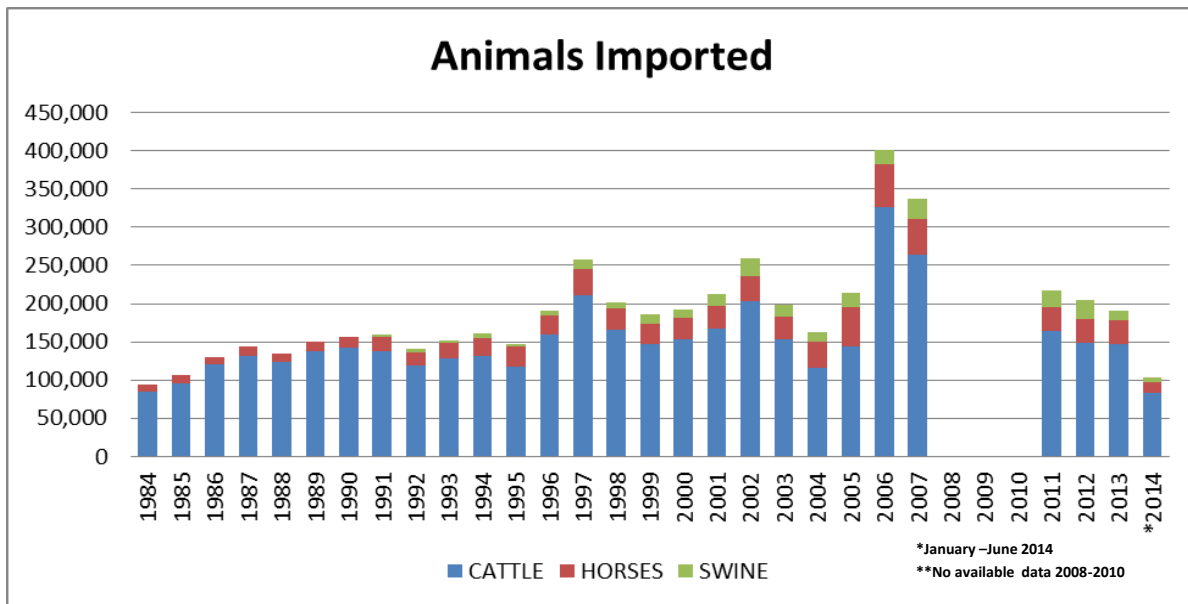
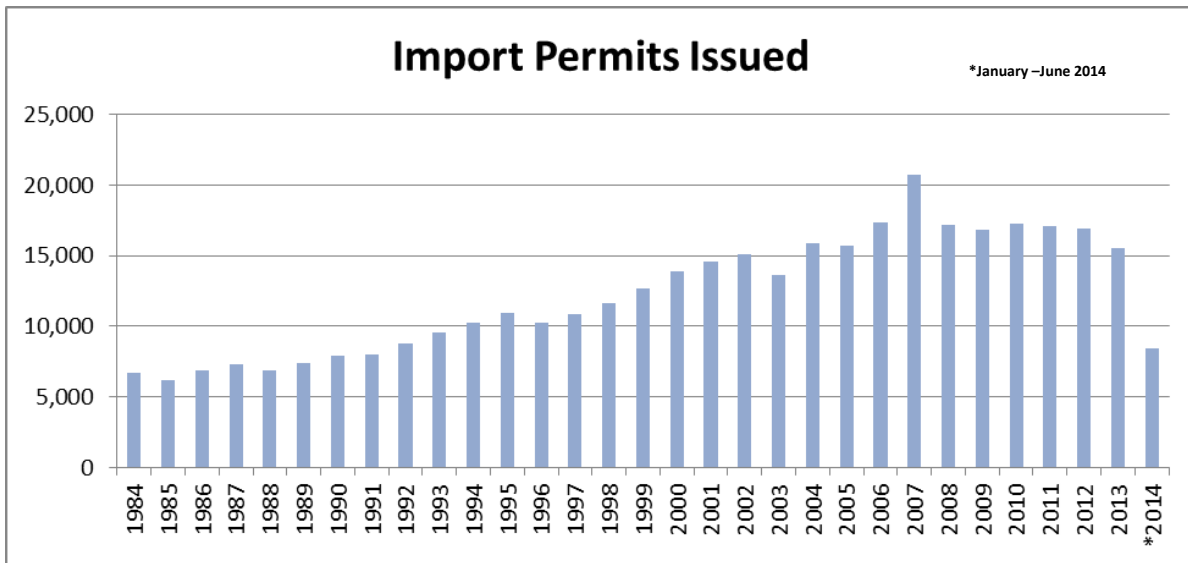


ANIMAL	COUNT
African Sideneck Turtle	11
Ball Pythons	40
Basilisk Lizard	1
Black Bear, Brown Bear	2
Boas	11
Chameleons	27
Chinese Water, Eyelash Crested, Bearded Dragons; Uromastyx,	283
Emerald Swifts	2
Fisher, Pine Marten	1
Geckos	148
Grey Fox	1
Hermit Crabs	60
Jeweled Curly Tail Lzard	3
Longtail Lizard, Anoles	135
Marmosets	26
Milk Snake, Corn Snake	24
Mississippi Mud Turtle	4
Monitors	7
PacMan Frog	4
Porcupines	2
Raccoon	1
Rose-haired Tarantula	5
Short-tailed Opossums	2
Skinks	6
Steppe Runner Lizard	5
Tortoise	16
True Toads	2
Western Painted Turtles, Map Turtles	13

Permits Issued and Animals Imported: January—June 2014

January through June, 2014 we issued 2,474 permits for 82,600 cattle and 4,100 permits for 14,690 horses to enter Montana. We tracked an increase in Canadian cattle imports; imported 7,619 animals during this six-month period as compared to 1,662 for the entire calendar year in 2013. We completed an analysis to answer questions from a company working to develop a nationwide electronic entry permitting system. This analysis covers the most recent 3-year average:

- ◆ 16,577 import permits issued.
- ◆ Imported 3,810 bovine; 11,670 equine; 366 porcine; 216 ovine.
- ◆ Requires 2.5 full-time employee man hours per year – permit phone calls are very seasonal.



P R O G R A M P E R F O R M A N C E

JANUARY—JUNE 2014 ADMINISTRATIVE RULE CHANGES

Fees, Licensing, Permits, Bull Stud, Semen

Amendments were adopted in May 2014 pertaining to fees on veterinary forms, miscellaneous licensing, and amendments clarifying definitions, permit terms, bull studs, semen shipped into Montana, and veterinary fees.

DSA, Vets, and Rabies

Amendments were proposed in June 2014 pertaining to DSA boundary expansion, revocation or suspension of appointment of Deputy State veterinarians, rabies reporting and quarantine, isolation of rabid or suspected rabid animals, isolation of biting animals or ownerless animals. Adoption is pending pursuant to comments.

Rule changes covering the last six months may be viewed in their entirety at our web site <http://liv.mt.gov/public/arm.mcp> or at the Secretary of State's web site www.mtrules.org

COMPUTER SYSTEMS/IT

The department implemented a beta-test with a few Montana veterinarians using the new iCVI (iPad Certificates of Veterinary Inspection) App from the Apple App store. This allows import of spreadsheets with official identification, population of the consignor and consignee information from existing contacts, and other helpful features. The completed documents are automatically emailed to the state of origin and any other designated individual.

Staff worked through some issues as we are seeing an increased number of electronic records. Leslie Doely refined the upload process so we were able to import the eCVI (electronic Certificates of Veterinary Inspection) and iCVI (iPad Certificates of Veterinary Inspection) information into our computer program with very little hands-on effort.

PROGRAM PERFORMANCE

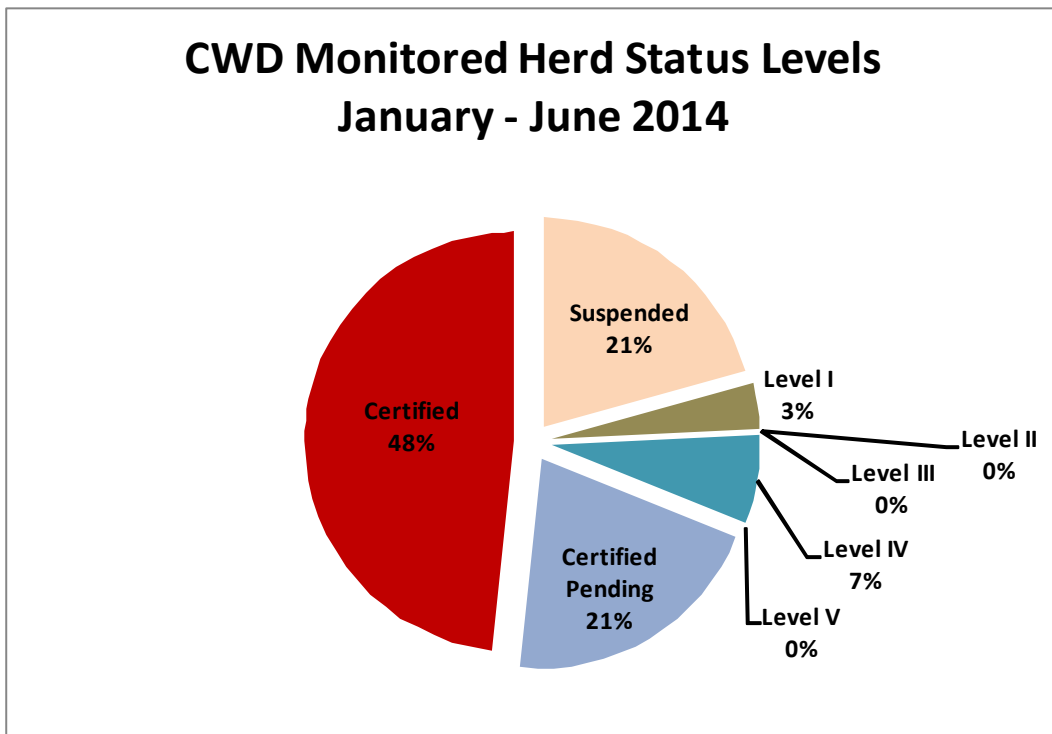
ALTERNATIVE LIVESTOCK

January—June 2014 Statistics

The CWD Herd Certification program includes an annual review of each herd’s records for inventory, deaths, and CWD testing. A status level is assigned according to ARM 32.4.1303. There are 9 licensed ranches w/no animals as of 6/30/2014. The industry inventory peaked at 4,529 in 2001.

FWP Licensed Facilities	MDOL Computer Animal Inventory	Calves/Fawns Born
2009 - 43	1,946	378
2010 - 41	2,056	336
2011 - 41	2,061	279
2012 - 39	1,206	265
2013 - 39	1,226	252
2014 - 35	*888	unknown

*Number does not include calves, as they are reported by December 31 of each year



PROGRAM PERFORMANCE

FIELD REPORTS

WESTERN DISTRICT ERNE MCCAFFREE, AREA MANAGER

Miles Driven:	12,842
Cattle Inspections:	344
Horse Lifetime Inspections	44
Horse Annual	34
Estrays:	1
Truck Stops	0
NTA:	1
W/T:	3
Felony	0



EASTERN DISTRICT TRAVIS ELINGS

Miles Driven:	11,000
Cattle Inspections:	269
Horse Lifetime Inspections	23
Horse Annual	19
Estrays:	28
Truck Stops	14
Special Sales	850
W/T:	5
Felony/Misdemeanors	2/2

CENTRAL DISTRICT MARTY CLARK

Miles Driven:	Unknown
Cattle Inspections:	99
Horse Lifetime Inspections	0
Horse Annual	3
Estrays:	7
Truck Stops	8
Misdemeanors	1
Warnings	4
Felony	0