



United States
Department of
Agriculture

March 19, 2019

Marketing and
Regulatory
Programs

Mark Orndoff, Human Health Director
Jackson County
1005 E. Main St.
Medford, Oregon 97504

Animal and
Plant Health
Inspection
Service

Dear Mr. Orndoff,

Wildlife
Services

I am pleased to provide you with the 2018 summary report of the United States Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Wildlife Services' (WS) activities from January 1 to December 31, 2018 in Jackson County.

Roseburg District
Office

In 2018, WS-Oregon provided one full-time wildlife specialist to provide service to Jackson County. In addition, the Jackson County Wolf Advisory Committee (JCWAC) applied for funds through the Oregon Department of Agriculture to support compensation for livestock losses caused by wolves, the purchase of non-lethal tools and the implementation of those methods. At the request of the JCWAC, WS-Oregon provided one part-time seasonal wildlife specialist to assist both ODFW and USFWS with deploying and maintaining non-lethals, in addition to assisting with carcass pickup when wolves have been documented on or near a producers herd. These positions were cooperatively funded by Jackson County, the Oregon Department of Fisheries and Wildlife (ODFW), the Oregon Department of Agriculture (ODA), the Oregon Department of Transportation (ODOT), as well as the United States Department of Agriculture.

3503 Old
Highway 99
South
Roseburg,
Oregon
97470
(541) 679-1231

Jackson County is home to a diversity of wildlife species with healthy populations. Wildlife are commonly found in their natural habitats, often surrounding human developments. Many species have also adapted to living within our communities. WS-Oregon works with Jackson County communities when there is conflict between humans and wildlife.

WS-Oregon frequently provides technical assistance (i.e., information, advice, equipment, and materials) to enable people to resolve wildlife conflicts on their own. This technical assistance is provided in person, informational pamphlets, by telephone, or through the internet (Table 1). WS also provides solutions on-site, through direct operational assistance, when the wildlife-related problem is complex and cannot be safely or effectively resolved by other means. The on-site assistance usually involve capturing and removing the offending animal causing the damage (Table 2).

Every day, WS-Oregon helps citizens, organizations, industries, and government agencies in Jackson County resolve conflicts with wildlife to 1) safeguard human health and safety; 2) protect property and agriculture; 3) and protect natural resources. Some of the highlights for 2017 include:

Human Safety and Health

- WS-Oregon responds to over a hundred calls each year in Jackson County regarding cougars and bears. As of October 2015, ODFW estimates the statewide population is more than 6,200 cougars, exceeding densities recorded elsewhere in North America. Young and displaced cougars looking to establish territories encroach on residential areas, threatening public safety. In these situations, WS-Oregon works cooperatively with

the ODFW, local and county law enforcement, and the Oregon State Police (OSP) to resolve cougar conflicts as well as other wildlife that may cause concern. Often, these types of issues can be resolved through an educational session provided by the WS specialist when their service has been requested.

- Avian influenza, or 'bird flu', is still a concern today. In late 2014, a small flock backyard flock was confirmed positive for highly pathogenic (H5N8) in Douglas County. This virus is a concern from large poultry producers to small backyard poultry flocks as well as wildlife professionals as this disease is deadly to both poultry and raptors (hawks) that are exposed to the virus. The highly pathogenic avian influenza strain is believed to have been introduced into the United States through migrating waterfowl. Other detections of this highly pathogenic virus and/or variations of the virus have spread throughout the country. Over the past few years, the national surveillance response efforts has significantly decreased and have moved into targeted sampling. In 2018, WS collected 166 dabbling ducks samples in NW Oregon for avian influenza surveillance. No highly pathogenic avian influenza (HPAI) was detected, to date, in wild birds sampled in Oregon or across the United States during the 2018/2019 sampling effort. In the U.S., the last HPAI detection in a wild bird was in December 2016 and in domestic poultry in March 2017.

WS-Oregon employs a Wildlife Disease Biologist, who is responsible for being the liaison between WS-Oregon and ODFW to implement wildlife disease surveillance, monitoring, and response from a National perspective. The biologist is committed to assisting field staff statewide with opportunistic sampling of wildlife removed or captured to aid in monitoring the health of wild populations that could be transferred between wildlife species, wildlife and domestic species, and wildlife to humans.

WS-Oregon is currently collecting samples to monitor for plague, tularemia, leptospira sp., feral swine transmitted diseases such as classical swine fever, pseudorabies, swine brucellosis, etc. as well as monitoring for avian health diseases which include but not limited to HPAI, salmonella, arbor virus, botulism, avian cholera, and West Nile virus, which could impact local bird populations. In 2018, forty-six wild birds were opportunistically sampled while conducting damage management activities as part of an avian health monitoring and 29 mammals were sampled for a combination of leptospira, plague and tularemia. The results of those samples are still unknown at this time.

- Wildlife strikes cause more than 760,000 hours of aircraft down time and cost the nation's civil aviation industry approximately \$700 million annually. American military aircraft sustain losses exceeding \$10 million annually. WS-Oregon has a fully funded airport biologist that is stationed at the Klamath Falls Airport. The Airport biologist is responsible for mitigating hazards wildlife for the 173rd Fighter Wing/Oregon Air National Guard at Kingsley Field through the use of both non-lethal and lethal methods in combination with providing technical assistance to adjacent land managers to create less attractive habitat for wildlife. In addition to these responsibilities, the airport biologist works closely with other wildlife specialist within Oregon who work on airports. Our airport personnel provide annual mandatory FAA wildlife hazard trainings for airports that have their certificate for scheduled commercial service. WS airport personnel also provide airport wildlife hazard assessments and/or technical assistance for an airport improvement project(s) when requested by the FAA or the airport directly.

Property, Pets, and Livestock

- On a daily basis, WS-Oregon receives many calls from frustrated citizens experiencing wildlife damage on their properties. Often, these citizens call their local state wildlife management office who directs them to their local WS-Oregon Wildlife Specialist. These

calls can range from bats in an attic, woodpeckers destroying homes, foxes in a chicken coop, to bears in garages, and more. In Jackson County, we have found the species and types of conflicts to vary from year to year (Table 1).

During the 2018 calendar year, ODFW received 40 black bear, 78 cougar, and 10 bobcat complaints. Of the complaints, ODFW referred 5 bear, 32 cougar and 2 bobcat calls over to WS-Oregon for investigation. The Jackson County WS-Oregon Wildlife Specialist was able to mitigate most of the public concerns or damage threats through technical assistance. Technical assistance included providing the individual(s) with advice and information on how to implement non-lethal methods. Less than half of the calls for each species resulted in lethal take of the problem animal or group.

- Despite producers' best efforts to protect their livestock, thousands of domesticated farm animals are killed by predators each year. The most recent reports by the National Agricultural Statistics Service (NASS) livestock producers in Oregon reported that producers lose about 7,700 sheep and 3,800 cattle to predators annually. In Jackson County, coyotes, cougars, and bears regularly kill livestock. Producers often turn to WS-Oregon for assistance in reducing and preventing further predation. In 2018, WS-Oregon recognized a Jackson County producer for his efforts to manage his cattle herd in the presence of wolves. This producer has been very proactive by working with ODFW/USFWS/WS-Oregon/WS-NWRC as well as environmental advocacy groups such as Defenders of Wildlife and Natural Resources Defense Council to implement and learn from non-lethal methods.
- Annually, WS-Oregon provides technical assistance and expertise in identifying wildlife damage and behavior patterns to the Jackson County Animal Control and Sheriff's departments.
- Wolf populations and activities are increasing in Oregon, leading to more sightings and the potential for conflicts between livestock and wolves. WS-Oregon collaborates closely with ODFW and the USFWS to assist with wolf depredation investigations in addition to providing assistance with deploying non-lethal methods (turbo fladry) and providing technical assistance to producers impacted by wolves. In 2018, ODFW/USFWS were requested to investigate 10 potential wolf depredation events involving 15 animals within Jackson County. Seven depredations were confirmed to be caused by wolves, 3 were possible/unknown and 5 were identified as other causes. In addition, WS provides technical assistance to the Jackson County Wolf Advisory Committee. The Wolf Advisory Committee provides advice and guidance to the board of county commissioners on issues related to wolves and assist with processing paperwork for producers seeking compensation when wolf predation has been confirmed. The wildlife specialists provided over 228 hours directly related to the implementation of non-lethals (fladry, foxlights, range riding, and night-watch) as it pertains to wolf-cattle interactions.

Natural Resources

WS implements non-lethal exclusion and bird harassment at bridge sites slated for repair or replacement, allowing ODOT to complete critical highway infrastructure projects while minimizing impacts on federally protected migratory birds. WS works at hundreds of sites throughout Oregon, including many in Jackson County, to prevent birds and bats from using transportation infrastructure for nesting or roosting, saving the state hundreds of millions of dollars. In 2011, WS assisted ODOT and received the federal Exemplary Ecosystem Initiative Award.

We look forward to continue to work with Jackson County in 2019. If you have any questions about our services, please feel free to call me.

Sincerely,

Paul Wolf
 District Supervisor
 Southwest District
 3503 Old Highway 99 South
 Roseburg, Oregon. 97470
 (541) 679-1231

Table 1. Wildlife Services’ reported Technical Assistance in Jackson County during CY 2018.

Species	1=consultation, personal, 2=consultation, written/telephone, 3=consultation, hotline, 4=instructional session, 5=radio/tv personal appearance, 6=radio/tv public service announcement, 7=newspaper/periodical article, 8=exhibit, 9=bait distribution program, 10=information transfer, ws, 11=info. transfer, gen. wildlife management, 12=site visit, 13=web hits													Total	Parties	Leaflets	
	1	2	3	4	5	6	7	8	9	10	11	12	13				
bears, black		1													1	1	
bobcats		1													1	1	
cattle, feral		1													1	1	
coyotes		2													2	2	
doves, collared, eurasian		1													1	1	
lions, mountain (cougar)	4	2									1				7	12	1
pigeons, feral (rock)		1													1	1	
wolves, gray/timber	3	8									1				12	19	
Total	7	17	0	0	0	0	0	0	0	0	2	0	0	0	26	38	1

Table 2. Wildlife Services’ take of wildlife causing damage in Jackson County during CY 2018.

Species	# removed
Black Bear	2
Cougar	6
Coyote	55
Raccoon	1
Skunk	1

Summary/PDR Engine - Report Sections:
 Select PDRs only



Land Summary
 Agr/Prop Summary
 Employee Summary
 Take Summary
 Mileage Summary
 TA/employee
 TA/species

Proj Start Summary
 Loss Summary
 (sort by DA)
 (PDR version)
 include Lab Samples Summary
 (PDR sort by activity/disease breakout)
 Conflicts Chemicals Count Summary
 (activity breakout)
 (PDR version)
 Equipment L/S/D

Report Type:
 State
 Property
 Agreement
 Employee
 Sp Grp Agr
 District
 County
 Project
 Land Class
 Damage Agent
 Resource
 ResType
 ResSubType
 Take Species

Type Criteria:
 baker
 benton
 clackamas
 clatsop
 columbia
 coos
 crook
 deschutes
 douglas
 gilliam
 grant
 harney
 hood river

Report Options:
 Criteria
 Show Each
 Summarize All
 for Internal
 Agr CN Only
 for External
 Show only Criteria with data

Generate Report:
[<-- Back to Report Tab](#)
 PDF watermark
OR
 
 Run in new Window
 Run here
 1) Choose Date setters
 2) Then: Run, Excel, PDF
 FY17 FY18 FY19
 Fx = 10/1/x-1 to 9/30/x

Choose Date Range:

01/01/2018  12/31/2018 

FY Toggle
 - +

Month Toggle
 - +

OR

02/01/19 02/28/19 Last Mo	01/01/19 01/31/19 2 Mo ago	04/01/2018 6/30/2018 FY19 Q3	09/01/18 03/19/19 Last 6 Mo	10/01/18 03/19/19 FY19 2now
10/01/2018 12/31/2018 FY19 Q1	07/01/2018 9/30/2018 FY19 Q4			

start: Tue Mar 19 15:43:41 MDT 2019
 finish: Tue Mar 19 15:43:47 MDT 2019

-----start-----

County: JACKSON

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Land Involved In This Summary

Land Type	Uom	Total	Person-day-visits
COUNTY OR CITY LAND	ACRE	1	1
PRIVATE LAND	ACRE	30,537	497

STATE LAND	ACRE	2	27
Total		30,540	

Agreement/Property Summary

Total Agreements/Properties Worked: 63/67

Total Person-day-visits: 509

Agreement Number	Time	Person-day-visits
	24 : 30	8
	12 : 30	8
	1 : 00	1
	7 : 30	4
	63 : 00	22
	21 : 30	5
jack0239	2 : 00	0
	202 : 31	38
	234 : 00	63
	8 : 00	1
	15 : 20	4
	308 : 30	69
jack0221	0 : 40	1
	2 : 00	0
jack0223	1 : 00	2
	20 : 00	9
	12 : 30	6
	11 : 00	7
	2 : 00	0
	18 : 30	10
	8 : 00	3
	38 : 00	14
	18 : 00	3
	5 : 00	1
	33 : 30	19
	3 : 00	1
	3 : 00	1
	15 : 00	12
	31 : 30	4
	13 : 30	8
	8 : 40	5
	2 : 00	1
	2 : 00	2
02900	78 : 45	2
	14 : 00	4
	41 : 30	18
	3 : 30	3
	15 : 10	6
	19 : 00	6
	14 : 00	5

snares, neck	1								
Total	1								
Skunks, Striped									
traps, foothold	1								
Total	1								
Bottom Line Total	2								

Damage Summary

Loss Reported

Resource	Species	Damage	WTs (Occurs)	Proj Starts	Loss	Value
AGRICULTURE						
Livestock						
cattle adult (beef)	wolves, gray/timber	damage threat	6	6	6 in	\$0
cattle calves (beef)	coyotes	damage threat	1	1	1 in	\$0
cattle calves (beef)	lions, mountain (cougar)	damage threat	2	2	2 in	\$0
cattle calves (beef)	wolves, gray/timber	damage threat	8	8	8 in	\$0
cattle calves (beef)	wolves, gray/timber	predation	2	2	5 ea	\$2,423
fowl, chickens (other)	bobcats	predation	2	1	9 ea	\$200
fowl, ducks (domestic)	bobcats	predation	1	0	1 ea	\$33
goats, meat (adults)	lions, mountain (cougar)	predation	1	0	1 ea	\$281
goats, z-(other adults)	lions, mountain (cougar)	damage threat	1	1	1 in	\$0
llamas (all)	wolves, gray/timber	damage threat	1	1	1 in	\$0
sheep (adult)	coyotes	damage threat	1	1	1 in	\$0
sheep (adult)	lions, mountain (cougar)	damage threat	1	1	1 in	\$0
sheep (adult)	lions, mountain (cougar)	predation	1	0	1 ea	\$84
sheep (lambs)	coyotes	damage threat	2	2	2 in	\$0
Livestock Sub Total			30	26	17 ea 23 in	\$3,021
AGRICULTURE Sub Total			30	26	17 ea 23 in	\$3,021
HEALTH AND SAFETY						
Human Health And Safety						

fowl, ducks (domestic)	foxes, gray	predation	<u>1</u>	0	1 ea	<u>\$30</u>
fowl, ducks (domestic)	lions, mountain (cougar)	predation	<u>1</u>	0	4 ea	<u>\$120</u>
fowl, geese (domestic)	bobcats	predation	<u>1</u>	0	2 ea	<u>\$118</u>
fowl, turkeys (domestic)	bobcats	predation	<u>1</u>	0	4 ea	<u>\$102</u>
goats (dairy)	lions, mountain (cougar)	predation	<u>2</u>	0	2 ea	<u>\$550</u>
goats, meat (adults)	coyotes	predation	<u>1</u>	0	5 ea	<u>\$1,433</u>
goats, meat (adults)	lions, mountain (cougar)	predation	<u>5</u>	0	9 ea	<u>\$2,559</u>
goats, meat (kids)	bears, black	predation	<u>2</u>	0	2 ea	<u>\$333</u>
goats, meat (kids)	coyotes	predation	<u>1</u>	0	8 ea	<u>\$1,332</u>
goats, z-(other kids)	lions, mountain (cougar)	predation	<u>2</u>	0	2 ea	<u>\$245</u>
llamas (all)	lions, mountain (cougar)	predation	<u>2</u>	0	2 ea	<u>\$4,313</u>
sheep (adult)	coyotes	predation	<u>3</u>	0	6 ea	<u>\$505</u>
sheep (adult)	lions, mountain (cougar)	predation	<u>2</u>	1	8 ea	<u>\$673</u>
sheep (lambs)	coyotes	predation	<u>5</u>	0	9 ea	<u>\$951</u>
sheep (lambs)	lions, mountain (cougar)	predation	<u>5</u>	0	15 ea	<u>\$1,584</u>
Livestock Sub Total			52	2	179 ea	\$25,377
AGRICULTURE Sub Total			53	2	5 acre 179 ea	\$28,415
PROPERTY						
Animal						
pets (companion/hobby animals)	coyotes	predation	<u>1</u>	0	2 ea	<u>\$100</u>
pets (companion/hobby animals)	wolves, gray/timber	predation	<u>1</u>	0	1 ea	<u>\$100</u>
Animal Sub Total			2	0	3 ea	\$200
Other Property						
food items, human	bears, black	consumption/contamination	<u>1</u>	1	2 ea	<u>\$150</u>
Other Property Sub Total			1	1	2 ea	\$150
PROPERTY Sub Total			3	1	5 ea	\$350
Total						
			56	3	5 acre 184 ea	\$28,765

Distinct Species/Resource Conflict Counts by Form Type

Total distinct TA Species/Resource conflicts: 17

Total distinct DC (all non TA) Species/Resource conflicts: 47

Samples Summary

no sample data

TA/Outreach by Species Summary

	1=consultation, personal, 2=consultation, written/telephone, 3=consultation, hotline, 4=instructional session, 5=radio/tv personal appearance, 6=radio/tv public service announcement, 7=newspaper/periodical article, 8=exhibit, 9=bait distribution program, 10=information transfer, ws, 11=info. transfer, gen. wildlife management, 12=site visit, 13=web hits													Total	Parties	Leaflets
Species	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Parties	Leaflets
bears, black		1												1	1	
bobcats		1												1	1	
cattle, feral		1												1	1	
coyotes		2												2	2	
doves, collared, eurasian		1												1	1	
lions, mountain (cougar)	4	2									1			7	12	1
pigeons, feral (rock)		1												1	1	
wolves, gray/timber	3	8									1			12	19	
Total	7	17	0	0	0	0	0	0	0	0	2	0	0	26	38	1

*0 distinct instructional sessions (which can contain more than one species or no species indicated).

TA/Outreach by Employee Summary

	1=consultation, personal, 2=consultation, written/telephone, 3=consultation, hotline, 4=instructional session, 5=radio/tv personal appearance, 6=radio/tv public service announcement, 7=newspaper/periodical article, 8=exhibit, 9=bait distribution program, 10=information transfer, ws, 11=info. transfer, gen. wildlife management, 12=site visit, 13=web hits													Total	Parties	Leaflets
	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Parties	Leaflets
Hefley,Chad	5	4												9	9	
Peyton,Alvin	2	8									2			12	17	1
Roberts,Michael		1												1	1	
Wolf,Paul		4												4	11	
Total	7	17	0	0	0	0	0	0	0	0	2	0	0	26	38	1

Chemicals Summary

CHEMICALS: EPA-REGULATED

no EPA-REGULATED PRDCT chemical data.

CHEMICALS: EXPLOSIVE

no EXPLOSIVE chemical data.

CHEMICALS: I/E DRUGS

no I/E DRUGS chemical data.

CHEMICALS: NON-REGULATED

no NON-REGULATED PRDCT chemical data.

BIOLOGICS

no BIOLOGICS chemical data.

Equipment Loaned/Distributed/Sold Summary

no data.

Conflict Project Start Button Summary

Resource	Species	Proj Start Button	WTs (Occurs)
airport runways/taxiways	coyotes	0	2
birds, upland game (other)	lions, mountain (cougar)	1	1
buildings, non-residential	bears, black	0	2
buildings, residential	doves, collared, eurasian	1	1
cattle adult (beef)	wolves, gray/timber	6	22
cattle calves (beef)	coyotes	2	154
cattle calves (beef)	lions, mountain (cougar)	2	11
cattle calves (beef)	wolves, gray/timber	10	35
equine, donkeys/burros	lions, mountain (cougar)	0	6
equine, horses (adult)	lions, mountain (cougar)	0	1
equine, horses (foals)	lions, mountain (cougar)	0	14
food items, human	bears, black	1	10
fowl, chickens (other)	bears, black	0	5
fowl, chickens (other)	bobcats	1	15
fowl, chickens (other)	coyotes	0	7
fowl, chickens (other)	foxes, gray	0	5
fowl, chickens (other)	lions, mountain (cougar)	0	7
fowl, ducks (domestic)	bobcats	0	4
fowl, ducks (domestic)	coyotes	0	2
fowl, ducks (domestic)	foxes, gray	0	3
fowl, ducks (domestic)	lions, mountain (cougar)	0	1
fowl, geese (domestic)	bobcats	0	3
fowl, geese (domestic)	coyotes	0	1
fowl, guineas	foxes, gray	0	1
fowl, turkeys (domestic)	bobcats	0	5
fowl, turkeys (domestic)	coyotes	0	1
goats (dairy)	lions, mountain (cougar)	0	18

goats, meat (adults)	coyotes	0	8
goats, meat (adults)	lions, mountain (cougar)	0	26
goats, meat (kids)	bears, black	0	6
goats, meat (kids)	coyotes	0	2
goats, meat (kids)	lions, mountain (cougar)	0	9
goats, z-(other adults)	lions, mountain (cougar)	1	5
goats, z-(other kids)	lions, mountain (cougar)	0	21
grains, corn (field)	bears, black	0	18
guard animals (all)	wolves, gray/timber	0	11
hlth/sfty, human z-(general)	bears, black	0	7
hlth/sfty, human z-(general)	cattle, feral	1	1
hlth/sfty, human z-(general)	coyotes	1	10
hlth/sfty, human z-(general)	lions, mountain (cougar)	1	9
hlth/sfty, human z-(general)	pigeons, feral (rock)	1	1
llamas (all)	lions, mountain (cougar)	0	4
llamas (all)	wolves, gray/timber	1	1
pets (companion/hobby animals)	coyotes	0	5
pets (companion/hobby animals)	wolves, gray/timber	0	1
property (general)	bears, black	0	10
roads/bridges	geese, canada	0	2
roads/bridges	swallows, cliff	1	28
sheep (adult)	coyotes	1	12
sheep (adult)	lions, mountain (cougar)	2	6
sheep (lambs)	coyotes	2	57
sheep (lambs)	lions, mountain (cougar)	0	15

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=====end=====

County: JACKSON

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