

2016–2017 and 2017–2018

**Oregon Furbearer
Regulation Proposals**

June 9-10, 2016

General Furtaker Regulation Proposals

General Regulations: Staff is proposing an addition to administrative rules that would restrict trapping activity near wildlife crossing structures. The Oregon Department of Transportation (ODOT) has implemented wildlife crossing structures and miles of fencing to reduce wildlife-vehicular collisions (primarily deer and elk) along US Highway 97. An animal in a live-trap or snare near these structures would likely serve as a deterrent to wildlife attempting to use the structure. So as to not impede the movement of wildlife, proposed changes include language clarifying that furtakers are not allowed to trap or snare within 500 feet of the center of the mouth of any ODOT wildlife crossing structure south of Bend, between US Highway 97 mile posts 149 and 153.

Species Specific Information and Regulation Proposals

Note: Due to the limited time between the April 15 deadline for furtakers to report harvest and effort and deadlines to develop the Commission Packet, most 2015–2016 data was not yet available for incorporation into the packet.

General Trend in Licenses and Report Cards

Combined Furtaker (valid for both trapping and hunting) and Hunting License for Furbearer sales peaked during the 2008 season at 2,782, and fluctuated in succeeding seasons between 2,330 and 2,618 licenses sold (Appendix 1). A drop in license sales occurred for the 2015 furtaker season, which was likely due to declines in fur market prices over past years (Appendix 5) and a similar projected price decline for the 2015-2016 season. Furtaker reporting rates were 81% in 2012 and 2013, however the percentage of licensed furtakers returning reports decreased to 76% in 2014 (Appendix 2). The percentage of reporting furtakers that purchased a license but did not hunt or trap gradually increase from 27% in 2011 and 2012, to 30% in 2013, and 33% in 2014 (Appendix 2).

River otter and bobcat are both specifically listed by the Council on International Trade in Endangered Species (CITES). CITES require each animal be tagged and the number harvested recorded. The number of bobcat record cards purchased has decreased annually since 2013 in both eastern and western Oregon. In 2013, 1,507 bobcat cards were purchased in eastern Oregon and 790 in western Oregon compared to 1,104 and 676 respectively in 2015 (Appendix 3). For river otter, the number of record cards purchased decreased annually from 433 in 2013 to 333 in 2015 (Appendix 3).

Bobcat

Currently, a person must choose to hunt/trap bobcats either in western Oregon (no harvest limit) or in eastern Oregon (harvest limit of 5 bobcats). Current seasons for both areas of the state open December 1 and close February 28. The Department requires furtakers to turn in lower jaws from all harvested bobcat, along with information on location, date, and sex of each bobcat harvested. A tooth from the lower jaw is analyzed in a laboratory to assess age and the structure of the harvested population is monitored for trends.

Harvest Trends

Total bobcat take is heavily influenced by a number of factors that are difficult to predict or control such as weather conditions during the season, pelt price, and total effort. These factors may affect harvest independent of the bobcat population. For example, when pelt prices drop, harvest is likely to decline regardless of whether the bobcat population increases or decreases. It is therefore possible that relying solely on total take could lead to frequent unwarranted changes to bobcat seasons. Therefore, numerous harvest criteria are used to monitor bobcat harvest including total harvest, effort, percentage of females in the harvest, and percentage of young (kits and yearlings) in the harvest.

Based on CITES tagging data, total statewide bobcat harvest declined from 3,263 bobcats in 2013 to 2,217 in 2014 (Appendix 16). Eastern and western bobcat harvest dropped in 2013 and 2014 after two years of relatively high harvest in 2011 and 2012 (Appendix 16) back to numbers near the ten year average (2,023 bobcats/year eastern Oregon, 1,111 bobcats/year western Oregon). The number of furtakers (both hunters and trappers) pursuing western Oregon bobcats decreased (from 358 during 2013 to 295 in 2014) as did the number pursuing bobcats in eastern Oregon (from 824 in 2012 to 580 in 2014) (Appendix 4). The average price paid for bobcat pelts (eastern and western combined) has fallen greater than 50% from a high of \$493.00 in 2012 to \$195.00 in 2014 and \$211.00 in 2015 (Appendix 5).

Western Oregon

Harvest for both trappers and hunters decreased in 2014 (897) from a relatively high harvest year in 2013 (1,267) (Appendix 16). Number of trap-nights saw a 36% decline from 2011 to 2014 and trap harvest/100 nights decreased from 0.82 to 0.78 (Appendix 4). After a rise in 2012 and 2013, number of hunt-days decreased in 2014 as did hunt harvest/100 days from 16.49 in 2013 to 11.96 in 2014 (Appendix 4).

More young bobcats were harvested in the western Oregon harvest in 2014 than in 2013. Mean age of bobcats harvested in western Oregon has decreased from 3.5 in 2012 to 3.0 in 2014 (Appendix 6) which is complimented by an increase in more young (i.e. kits and yearlings) in the harvest over those years (25% in 2013, 31% in 2014; Appendix 17). Similarly, the percent of adults (≥ 3 years of age) in the male harvest was 63% in 2013 and 47% in 2014; the percent of adults (≥ 3 years of age) in female harvest was 54% in 2013 and 38% in 2014 (Appendix 7). Females made up 44% of the harvest in both years, a value that matches the previous three-year and ten-year averages (44%) for western Oregon bobcat harvest (Appendix 7).

Eastern Oregon

In eastern Oregon, harvest by trappers and hunters decreased from 2013 to 2014 from 1,996 to 1,320 bobcats (Appendix 16). Over those same years, number of trap-nights decreased 36% but trap harvest/100 nights increased from 0.31 to 0.35. Number of hunt-days decreased 36% and hunt harvest/100 days decreased from 15.35 in 2013 to 14.47 in 2014 (Appendix 4).

The 2014 eastern Oregon bobcat harvest consisted of a higher proportion of juveniles and adult bobcats (≥ 3 years of age) than in 2013. Mean age of bobcats harvested in eastern Oregon has increased from 2.3 in 2012 to 3.0 in 2014 (Appendix 6), however the proportion of young bobcats (i.e. kits and yearlings) increased from 36% in 2013 to 43% in 2014 (Appendix 17). Percent of adults (≥ 3 years of age) in male harvest increased in 2014 (50%) from 2013 (43%)

and percent of adults (≥ 3 years of age) in female harvest also increased from 40% (2013) to 49% (2014) (Appendix 7). The proportion of females in the bobcat harvest changed slightly from 46% to 45% from 2013 to 2014 and is near previous three-year and ten-year averages (44% and 45%, respectively) (Appendix 7).

Data and Discussion for 2016 and 2017 Bobcat Seasons

Based on the information provided, the Department is proposing to retain the current bag limit of 5 bobcat per furtaker in eastern Oregon and no limit to bobcat harvest in western Oregon.

Staff Recommendations for Bobcat

- Western Oregon: December 1, 2016 – February 28, 2017 and December 1, 2017– February 28, 2018
- Eastern Oregon: December 1, 2016 – February 28, 2017 and December 1, 2017 – February 28, 2018
- Bag Limit: Eastern Oregon: Five per Season
- Bag Limit: Western Oregon: No Limit
- Maintain current requirement for all bobcat jaws to be collected.

Gray Fox

Combined total gray fox take decreased from 504 in 2013 to 408 in 2014 (Appendix 14). Catch per unit effort (CPUE) for gray fox decreased for trappers and increased for hunters from 2013 to 2014 (Appendix 9). Average pelt prices for gray fox have declined from \$36.00 in 2012 to \$11.00 in 2015 (Appendix 5). Staff proposes no changes to gray fox regulations.

Staff Recommendations for Gray Fox

- Season: November 15, 2016 - February 28, 2017 and November 15, 2017 - February 28, 2018
- Entire state

Red Fox

Combined total red fox take greatly decreased from 238 (2013) to 68 (2014) (Appendix 14), the product of a 70% decline in furtakers effort as measured by trap-nights (Appendix 9). CPUE increased for hunters but decreased for trappers (Appendix 9). Average pelt prices for red fox continued to decline in 2014 (\$26.00) and 2015 (\$19.00) from \$33.00 in 2013 (Appendix 5). Staff proposes no changes to red fox regulations.

Staff Recommendations for Red Fox

- Season open year round in Baker, Gilliam, Harney, Malheur, Morrow, Umatilla, Union, Wallowa and Wheeler counties.
- Season October 15, 2016 – January 15, 2017 and October 15, 2017 – January 15, 2018 in remainder of the State.

Beaver

Beaver harvest declined greatly (40%) from 3,306 in 2013 to 1,976 in 2014 (Appendix 14). Average beaver pelt prices have been relatively stable, at \$14.00 in 2014 down to \$11.00 in 2015 (Appendix 5). Many beaver are harvested in response to damage complaints. Staff proposes no changes to beaver regulations.

Staff Recommendations for Beaver

- Season: November 15, 2016 – March 15, 2017 and
November 15, 2017 – March 15, 2018
- Open Area: Entire state with closures as specified in regulations.

Muskrat

Harvest has been on a decline since a recent high of 12,814 in 2012 to 8,616 in 2014 (Appendix 14). CPUE decreased slightly for trappers in 2014 (Appendix 10). Average pelt prices for muskrat were up to \$10.00 in 2012 but have fallen to \$2.00 in 2015 (Appendix 5). Staff proposes no changes to muskrat regulations.

Staff Recommendation for Muskrat

- Season: November 15, 2016 – March 31, 2017 and
November 15, 2017 – March 31, 2018
- Open Area: Entire state.

River Otter

Based on issued CITES tags, river otter harvest saw a 40% decline from 2013 to 2014 (Appendix 16). Average river otter pelt prices were relatively stable at \$66.00 in 2014 and \$60.00 in 2015 (Appendix 5). Staff proposes no changes to river otter regulations.

Staff Recommendation for River Otter

- Season: November 15, 2016 – March 15, 2017 and
November 15, 2017 – March 15, 2018
- Open Area: Entire State, except for all areas closed to beaver trapping.

Marten

Interest in marten trapping continues to be limited with 19 furtakers reporting successful harvest during the 2013 and 2014 seasons. Harvest was relatively high in 2013 with 114 taken but declined to just 45 in 2014 (Appendix 14) which corresponded with a large decline in effort in eastern Oregon (Appendix 12). Harvest was similar between eastern and western Oregon over those years (Appendix 12) and most harvest occurred in Douglas and Deschutes Counties. Average pelt price increased to \$67.00 during 2012 but have since come down to \$28.00 in 2014 and \$20.00 in 2015 (Appendix 5). Staff proposes no changes to marten regulations.

Staff Recommendation for Marten

- Season: November 1, 2016 – January 31, 2017 and
November 1, 2017 – January 31, 2018
- Open Area: Entire state.

Mink

Total mink take decreased from 427 in 2013 to 262 in 2014 (Appendix 14). Trapping CPUE remained relatively stable from 2013 to 2014 (Appendix 13). Average mink pelt prices decreased by almost half from \$11.00 in 2014 to \$6.00 in 2015 (Appendix 5). Staff proposes no changes to mink regulations.

Staff Recommendation for Mink

- Season: November 15, 2016 – March 31, 2017 and
November 15, 2017 – March 31, 2018
- Open Area: Entire state.

Raccoon

Total harvest of raccoons has been relatively stable for several years but a drop in harvest occurred in 2014 (Appendix 14). Average pelt price for raccoons have dropped from \$9.00 in 2012 to \$4.00 in 2015 (Appendix 5). District Biologists continue to report high numbers of raccoon damage complaints registered by landowners. Staff proposes no changes to raccoon regulations.

Staff Recommendation for Raccoon

- Season: November 15, 2016 – March 15, 2017 and
November 15, 2017 – March 15, 2018
- Open Area: Entire state.

Protected Mammals

No changes are proposed for protected species. Seasons would remain closed throughout the state for fisher, ringtail, wolverine, kit fox, and sea otter.

Staff Recommendation for Protected Mammals

- Season: Closed Season Entire Year

Unprotected Mammals

Mammals for which there are no closed seasons and no bag limits include badger, coyote, nutria, opossum, porcupine, spotted skunk, striped skunk, and weasel. Many furtakers continue to take unprotected mammals (Appendix 14). Total harvest is generally considered minimal for unprotected mammals and is not at levels likely to be detrimental to populations. Additionally, current season structure provides flexibility for landowners when addressing damage situations. No changes are proposed for regulations related to unprotected mammals.

Staff Recommendation for Unprotected Species

- Season: Open Season Entire Year
- Open Area: Entire state.

Pursuit Seasons

Pursuit seasons allow individuals with a Furtaker License or a Hunting License for Furbearers to pursue bobcat, raccoon, red fox, and gray fox with dogs. No animals may be harvested outside defined take seasons. Pursuit seasons end the same day as the take season except in counties where the red fox harvest season ends January 31 and the pursuit season for red and gray fox closes February 28. During 2014, pursuit effort was down compared to previous years with 240 participants reporting 3,288 days of pursuit effort and 1,115 animals treed, but CPUE (number treed/day) increased (Appendix 15). The majority of pursuit effort was for bobcat, but the CPUE was highest for individuals pursuing raccoon.

The Oregon United Sporting Dogs Association (OUSDA) has previously requested an expansion of pursuit seasons (August 1 through March 31 for bobcat, fox, and raccoon) and the request has been proposed again. Currently, pursuit season for raccoon ends March 15, for bobcat and fox pursuit seasons end February 28. Due to this continued interest, the Department again re-evaluated the request and would like to note the following:

- August is typically the hottest month of year, there is concern for increased disturbance and stress on pursued species and other wildlife; particularly young of the year, and adults with dependent young.
- Enforcement concern, especially for March. Fur of some species, including bobcat, is still good at end of season. Currently pursuit seasons end with harvest seasons except for red fox which tend to have declining fur quality earlier than many other species.
- Some landowners do not support additional spring seasons in areas of mixed private and public ownership.
- As it gets later in March there is increased likelihood of some wildlife species including raccoon and bobcat having dependent young.

Staff is proposing no changes to pursuit seasons.

Staff Recommendation for Pursuit Seasons

- Bobcat: September 1, 2016 – February 28, 2017 and
September 1, 2017 – February 28, 2018
- Red and Gray Fox: September 1, 2016 – February 28, 2017 and
September 1, 2017 – February 28, 2018
- Raccoon: September 1, 2016 – March 15, 2017 and
September 1, 2017 – March 15, 2018

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Appendix 1. Trend in furtaker license sales, 1986–2015.

# of Licenses Sold			
Year	Furtaker	Furbearer Hunter	Total
1986	2,052	865	2,917
1987	2,126	965	3,091
1988	1,641	935	2,576
1989	1,218	862	2,080
1990	908	766	1,674
1991	856	793	1,649
1992	906	871	1,777
1993	775	836	1,611
1994	863	930	1,793
1995	759	872	1,631
1996	826	881	1,707
1997	937	844	1,781
1998	847	799	1,646
1999	807	833	1,640
2000	767	813	1,580
2001	809	806	1,615
2002	891	924	1,815
2003	1,030	1,072	2,102
2004	1,140	1,098	2,238
2005	1,104	1,150	2,254
2006	1,247	1,309	2,556
2007	1,283	1,333	2,616
2008	1,377	1,405	2,782
2009	1,212	1,279	2,491
2010	1,144	1,195	2,339
2011	1,252	1,212	2,464
2012	1,327	1,138	2,465
2013	1,439	1,179	2,618
2014	1,269	1,061	2,330
2015	1,136	918	2,054

Appendix 2. Trend in license sales and reporting of effort for furbearers in Oregon, 2007–2014.

	2007		2008		2009		2010		2011		2012		2013		2014	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Furtakers																
Licenses Sold	1,283		1,377		1,212		1,144		1,252		1,286		1,439		1,261	
Returning Reports	1,218	95	1,243	90	1,115	92	1,053	92	1,011	81	1,092	85	1,226	85	1,019	81
Reported Did Hunt or Trap	853	70	844	68	760	68	806	77	826	82	870	80	921	75	729	72
Did Not Hunt or Trap	365	30	399	32	355	32	247	23	185	18	222	20	309	25	290	29
Reporting Harvest	789	92	749	89	671	88	736	91	785	95	814	75	841	69	665	65
Reporting No Harvest	64	8	95	11	89	12	70	9	41	5	230	21	257	21	201	20
Fur Hunters																
Licenses Sold	1,333		1,405		1,279		1,205		1,212		1,199		1,179		1,066	
Returning Reports	1,179	88	1,172	83	1,126	88	1,062	89	840	69	914	76	896	76	756	71
Reported did Hunt	693	59	682	58	624	55	667	63	532	63	603	66	566	63	462	61
Did Not Hunt	486	41	490	42	502	45	395	37	308	37	311	34	330	37	294	39
Reporting Harvest	514	74	484	71	463	74	530	79	436	82	493	54	437	49	362	48
Reporting No Harvest	179	26	198	29	161	26	137	21	96	18	252	28	260	29	213	28
Combined Totals																
Licenses Sold	2,616		2,782		2,491		2,339		2,464		2,485		2,618		2,327	
Returning Reports	2,397	92	2,415	87	2,241	90	2,115	90	1,851	75	2,006	81	2,122	81	1,775	76
Reported Did Hunt or Trap	1,546	64	1,526	63	1,384	62	1,473	70	1,358	73	1,473	73	1,487	70	1,191	67
Did Not Hunt or Trap	851	36	889	37	857	38	642	30	493	27	533	27	639	30	584	33
Reporting Harvest	1,303	84	1,233	81	1,134	82	1,266	86	1,221	90	1,307	65	1,278	60	1,027	58
Reporting No Harvest	243	16	293	19	250	18	207	14	137	10	482	24	517	24	414	23

Appendix 3. Number of individuals purchasing record cards and number of record cards purchased for river otter, western bobcat, and eastern bobcat in Oregon, 1986–2015.

Season	River Otter		Western Bobcat		Eastern Bobcat	
	# Individuals	# Tags/Cards	# Individuals	# Tags/Cards	# Individuals	# Tags/Cards
1986	470	470	1,013	1,164	1,314	1,314
1987	502	502	1,053	1,205	1,417	1,471
1988	328	328	484	553	644	644
1989	326	331	666	692	858	858
1990	245	248	560	574	622	622
1991	264	271	588	605	583	583
1992	266	268	582	600	770	770
1993	265	276	599	616	613	613
1994	309	323	678	702	724	725
1995	286	297	609	626	646	646
1996	306	316	600	623	737	737
1997	355	362	676	715	737	737
1998	343	351	609	626	668	668
1999	314	322	593	611	723	723
2000	303	313	554	566	705	705
2001	340	348	556	572	748	749
2002	379	394	639	668	888	888
2003	409	429	676	730	1,155	1,155
2004	436	453	700	748	1,235	1,235
2005	421	440	711	752	1,259	1,259
2006	483	494	774	842	1,509	1,509
2007	467	474	821	855	1,498	1,498
2008	494	502	893	931	1,557	1,557
2009	480	492	856	882	1,287	1,287
2010	352	360	713	736	1,231	1,231
2011	369	377	742	778	1,366	1,366
2012	393	404	729	751	1,407	1,407
2013	422	433	753	790	1,507	1,507
2014	386	399	677	708	1,304	1,323
2015	328	333	659	676	1,100	1,104

Appendix 4. Oregon bobcat catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker in Oregon, 1992–2014. Data compiled from furtaker annual report where trap and/or hunt effort and take are reported.

Area	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take /100 Nights	Total Take	# Hunt Days	Take /100 Days	Total Take	# Furtakers	Take / Furtaker
West	1995	192	15,520	1.24	411	2,642	15.56	603	288	2.1
	1996	486	45,544	1.07	554	2,407	23.02	1,020	274	3.7
	1997	522	43,297	1.21	622	2,996	20.76	1,144	314	3.6
	1998	233	20,062	1.16	499	3,139	15.9	732	293	2.5
	1999	234	28,518	0.82	315	2,474	12.73	530	256	2.1
	2000	254	17,210	1.48	406	2,237	18.15	653	223	2.9
	2001	294	20,870	1.41	406	2,895	14.02	701	264	2.7
	2002	696	51,593	1.35	419	3,846	10.89	1,115	331	3.4
	2003	913	88,263	1.03	559	4,125	13.55	1,468	348	4.2
	2004	735	72,240	1.02	617	4,290	14.38	1,352	380	3.7
	2005	582	47,458	1.23	450	3,980	11.31	1,032	321	3.2
	2006	706	76,773	0.92	731	4,371	16.72	1,437	394	3.6
	2007	605	67,203	0.90	502	4,155	12.08	1,107	391	2.8
	2008	485	48,748	0.99	449	4,519	9.94	934	387	2.4
	2009	428	59,962	0.71	438	4,095	10.7	866	385	2.3
	2010	553	49,964	1.11	574	4,410	13.02	1,127	351	3.2
2011	643	78,626	0.82	671	3,888	17.26	1,314	355	3.7	
2012	523	70,392	0.74	605	4,578	13.22	1,128	339	3.3	
2013	567	63,074	0.90	739	4,482	16.49	1,306	358	3.7	
2014	395	50,467	0.78	443	3,705	11.96	838	295	2.8	
East	1995	353	41,335	0.85	367	2,261	16.23	720	353	2.0
	1996	594	81,088	0.73	493	2,844	17.33	1,087	434	2.5
	1997	591	80,923	0.73	386	2,725	14.17	977	436	2.2
	1998	425	49,206	0.86	318	2,331	13.64	743	362	2.1
	1999	427	50,764	0.84	429	2,804	15.3	842	394	2.1
	2000	413	52,899	0.78	440	2,809	15.66	853	846	1.0
	2001	426	55,327	0.77	505	2,969	17.01	915	422	2.2
	2002	659	92,566	0.71	516	3,598	14.34	1,159	520	2.2
	2003	906	125,100	0.72	911	5,515	16.52	1,804	706	2.6
	2004	1,306	234,180	0.56	834	5,454	15.29	2,169	737	2.9
	2005	1,274	229,600	0.56	797	5,484	14.33	2,071	989	3.0
	2006	1,744	334,518	0.52	1,267	7,140	17.75	3,011	909	3.3
	2007	1,089	238,464	0.46	896	6,367	14.07	1,985	802	2.5
	2008	729	208,973	0.35	607	5,733	10.59	1,336	730	1.8
	2009	657	182,204	0.36	461	5,129	8.99	1,118	624	1.8
	2010	1,004	199,663	0.50	876	6,158	14.23	1,880	749	2.5
2011	1,311	305,806	0.43	856	5,602	15.28	2,167	732	3.0	
2012	1,204	269,009	0.45	995	6,521	15.26	2,199	824	2.7	
2013	1,065	338,704	0.31	852	5,551	15.35	1,917	777	2.5	
2014	771	218,104	0.35	516	3,565	14.47	1,287	580	2.2	

Appendix 5. Average pelt prices (rounded to nearest \$1.00) for selected furbearers from Oregon fur sales, 1983–2016. Prices are not corrected for inflation.

Season	Beaver	Western Bobcat	Eastern Bobcat	Statewide Bobcat Average	Gray Fox	Red Fox	Marten	Mink	Muskrat	Riv. Otter	Raccoon
1983	\$12.00			\$120.00	\$31.00	\$34.00	\$30.00	\$12.00	\$3.00	\$35.00	\$17.00
1984	\$15.00			\$152.00	\$25.00	\$36.00	\$31.00	\$13.00	\$3.00	\$18.00	\$17.00
1985	\$18.00			\$148.00	\$18.00	\$20.00	\$23.00	\$10.00	\$2.00	\$23.00	\$17.00
1986	\$21.00			\$233.00	\$32.00	\$28.00	\$35.00	\$17.00	\$4.00	\$29.00	\$20.00
1987	\$13.00			\$157.00	\$26.00	\$18.00	\$39.00	\$19.00	\$3.00	\$11.00	\$11.00
1988	\$12.00			\$99.00	\$13.00	\$12.00	\$41.00	\$16.00	\$1.00	\$27.00	\$4.00
1989	\$11.00			\$52.00	\$6.00	\$12.00	\$24.00	\$13.00	\$1.00	\$27.00	\$6.00
1990	\$8.00			\$50.00	\$6.00	\$10.00	\$26.00	\$12.00	\$1.00	\$21.00	\$3.00
1991	\$10.00			\$79.00	\$9.00	\$14.00	\$31.00	\$12.00	\$2.00	\$36.00	\$8.00
1992	\$7.00			\$47.00	\$8.00	\$11.00	\$17.00	\$10.00	\$1.00	\$40.00	\$5.00
1993	\$21.00			\$66.00	\$11.00	\$14.00	\$15.00	\$11.00	\$2.00	\$65.00	\$8.00
1994	\$12.00			\$24.00	\$8.00	\$18.00	\$16.00	\$7.00	\$2.00	\$48.00	\$6.00
1995	\$20.00			\$44.00	\$9.00	\$18.00	\$19.00	\$12.00	\$3.00	\$48.00	\$11.00
1996	\$26.00			\$79.00	\$11.00	\$20.00	\$22.00	\$12.00	\$3.00	\$42.00	\$14.00
1997	\$16.00			\$42.00	\$7.00	\$11.00	\$16.00	\$9.00	\$2.00	\$40.00	\$10.00
1998	\$12.00			\$42.00	\$9.00	\$13.00	\$13.00	\$6.00	\$1.00	\$36.00	\$4.00
1999	\$11.00			\$41.00	\$6.00	\$15.00	\$18.00	\$7.00	\$2.00	\$50.00	\$7.00
2000	\$13.00			\$61.00	\$12.00	\$18.00	\$19.00	\$7.00	\$2.00	\$62.00	\$7.00
2001	\$10.00			\$75.00	\$6.00	\$28.00	\$15.00	\$7.00	\$3.00	\$61.00	\$8.00
2002	\$11.00			\$139.00	\$9.00	\$29.00	\$21.00	\$7.00	\$2.00	\$94.00	\$6.00
2003	\$14.00			\$117.00	\$17.00	\$23.00	\$17.00	\$7.00	\$2.00	\$94.00	\$8.00
2004	\$17.00			\$114.00	\$12.00	\$21.00	\$19.00	\$8.00	\$2.00	\$94.00	\$8.00
2005	\$21.00			\$182.00	\$24.00	\$24.00	-	\$11.00	\$3.00	\$98.00	\$8.00
2006	\$18.00			\$114.00	\$33.00	\$20.00	\$23.00	\$10.00	\$3.00	\$65.00	\$7.00
2007	\$20.00			\$265.00	\$36.00	\$21.00	\$32.00	\$15.00	\$3.00	\$55.00	\$16.00
2008	\$17.00			\$134.00	\$17.00	\$18.00	\$31.00	\$9.00	\$3.00	\$51.00	\$8.00
2009	\$19.00			\$178.00	\$19.00	\$21.00	\$22.00	\$11.00	\$6.00	\$49.00	\$10.00
2010	\$17.00			\$267.00	\$23.00	\$24.00	\$32.00	\$13.00	\$8.00	\$64.00	\$10.00
2011	\$21.00			\$291.00	\$27.00	\$47.00	.	\$14.00	\$9.00	\$90.00	\$7.00
2012	\$17.00			\$493.00	\$36.00	\$56.00	\$67.00	\$19.00	\$10.00	\$70.00	\$9.00
2013	\$20.00			\$255.00	\$27.00	\$33.00	\$40.00	\$9.00	\$9.00	\$76.00	\$6.00
2014	\$14.00	\$48.00	\$249.00	\$195.00	\$18.00	\$26.00	\$28.00	\$11.00	\$5.00	\$66.00	\$6.00
2015	\$11.00	\$43.00	\$252.00	\$211.00	\$11.00	\$19.00	\$20.00	\$6.00	\$2.00	\$60.00	\$4.00

Appendix 6. Mean age of bobcat taken in Oregon 1983–2014. Information from the ODFW Wildlife Health and Population Lab, data obtained from surrendered bobcat jaws.

Season	Eastern Oregon	Western Oregon
1983	2.4	2.6
1984	2.6	2.6
1985	2.7	2.6
1986	2.9	2.6
1987	2.6	2.2
1988	2.1	1.9
1989	2.5	2.4
1990	2.0	2.3
1991	2.0	3.0
1992	2.2	3.2
1993	2.6	3.4
1994	2.4	3.5
1995	2.5	3.8
1996	2.9	3.9
1997	3.1	4.1
1998	2.9	3.6
1999	2.6	3.8
2000	2.9	4.0
2001	3.0	3.9
2002	3.0	3.9
2003	2.8	3.7
2004	2.5	3.6
2005	2.1	3.7
2006	2.1	3.5
2007	2.6	3.7
2008	3.3	4.1
2009	2.9	3.9
2010	2.3	3.6
2011	2.4	3.8
2012	2.3	3.5
2013	2.8	3.7
2014	3.0	3.0

Appendix 7. Percent of total bobcat taken by sex and percent adult (≥ 3 years of age), 1983–2014. Information from the ODFW Wildlife Health and Population Lab, data obtained from surrendered bobcat jaws.

Season	Eastern Oregon				Western Oregon			
	% Male	Of Males % Adult	% Female	Of Females % Adult	% Male	Of Males % Adult	% Female	Of Females % Adult
1983	52	36	48	45	51	46	49	45
1984	54	43	46	45	53	39	47	39
1985	51	42	49	43	52	36	48	42
1986	49	49	51	40	48	45	52	41
1987	50	40	50	32	54	27	46	29
1988	46	24	54	24	54	21	46	22
1989	54	34	46	24	56	36	44	31
1990	52	35	48	24	55	36	45	29
1991	53	29	47	21	57	58	43	47
1992	52	34	48	27	56	61	44	57
1993	53	47	47	34	62	63	38	58
1994	53	45	47	38	59	63	41	56
1995	52	46	48	35	57	67	43	53
1996	55	47	45	42	57	64	43	55
1997	57	49	43	40	54	63	46	59
1998	57	43	43	37	57	56	43	44
1999	55	38	45	33	58	61	42	48
2000	59	42	41	37	61	62	39	50
2001	51	46	49	40	59	64	41	54
2002	55	55	45	40	61	59	39	53
2003	58	43	42	34	58	59	42	49
2004	54	36	46	29	57	59	43	50
2005	57	29	43	26	53	54	47	51
2006	55	27	45	23	58	53	42	49
2007	54	34	46	33	54	64	46	56
2008	54	54	46	52	57	70	43	61
2009	53	54	47	45	53	60	47	57
2010	56	32	44	31	56	53	44	48
2011	57	26	43	25	57	58	43	48
2012	56	26	44	28	54	54	46	49
2013	54	43	46	40	56	63	44	54
2014	55	50	45	49	56	47	44	38

Appendix 8. Number of furtakers taking specific numbers of bobcats in Oregon, 2004–2014. Data compiled from furtaker annual report where harvest is reported.

Area	# Taken	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Western	1	98	86	109	105	100	100	91	116	89	97	103
Oregon	2	40	36	40	40	40	38	46	44	49	45	36
	3	37	14	27	30	23	22	20	26	31	32	20
	4	14	25	17	24	25	21	22	17	17	26	14
	5	9	10	19	10	17	13	11	15	13	16	13
	6	12	12	15	7	9	8	13	20	19	16	13
	7	10	12	5	11	7	5	11	15	8	7	5
	8	4	8	13	2	4	9	3	4	5	11	5
	9	11	2	9	5	3	1	2	6	6	8	2
	10	5	2	6	7	4	1	4	4	6	1	4
	11	4	3	6	2	1	1	3	1	3	4	0
	12	2	3	5	5	2	4	7	6	1	3	1
	13	3	1	3	4	1	4	3	4	6	2	3
	14	1	0	3	1	2	2	3	1	2	0	0
	15	5	0	2	4	1	0	5	2	2	5	2
		>15	15	13	18	9	10	7	10	15	8	15
	Total	270	227	297	266	249	236	254	296	265	288	229
Eastern	1	193	208	264	276	216	188	240	207	234	218	176
Oregon	2	107	133	152	147	137	115	144	153	180	136	96
	3	99	98	110	108	96	76	115	120	130	103	78
	4	79	64	98	83	76	50	85	116	90	91	65
	5	59	66	87	51	103	90	175	197	175	130	89
	6	55	42	59	53	7	7	9	3	0	0	0
	7	109	107	169	69	1	3	3	4	0	1	0
	>7	39	25	28	21	20	29	34	15	0	2	1
	Total	740	743	967	808	656	558	805	815	809	681	505

Appendix 9. Oregon gray and red fox catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1995–2014. Data compiled from furtaker annual report where harvest and effort is reported. Take values exclude reports without reported effort, but occur in Appendix 14.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take /100 Nights	Total Take	# Hunt Days	Take /100 Days	Total Take	Total Furtakers	Take / Furtaker
Gray Fox	1995	42	3,794	1.11	69	208	33.17	111	43	2.6
	1996	138	5,742	2.4	41	176	23.3	179	45	4
	1997	114	4,970	2.29	31	142	21.83	145	51	2.8
	1998	106	615	17.24	30	192	15.63	131	51	2.6
	1999	133	3,723	3.57	26	196	13.27	144	39	3.7
	2000	89	1,979	4.5	34	210	16.19	91	42	2.2
	2001	129	3,229	4	54	296	18.24	161	51	3.2
	2002	197	6,430	3.06	46	297	15.49	200	54	3.7
	2003	221	14,018	1.58	82	503	16.3	270	67	4
	2004	175	18,808	0.93	109	546	19.96	284	75	3.8
	2005	116	7,822	1.48	78	359	21.73	194	57	3.4
	2006	293	13,631	2.15	84	269	31.23	377	77	4.9
	2007	292	26,570	1.1	162	600	27	454	87	5.2
	2008	405	15,602	2.6	157	788	19.92	562	104	5.4
	2009	375	21,905	1.71	132	737	17.91	507	104	4.9
2010	416	21,546	1.93	190	553	34.36	606	107	5.7	
2011	606	42,826	1.42	105	531	19.77	711	117	6.1	
2012	455	27,025	1.68	121	583	20.75	576	104	5.5	
2013	340	29,509	1.15	110	714	15.41	450	116	3.9	
2014	206	19,675	1.05	166	817	20.32	372	89	4.2	
Red Fox	1995	125	5,038	2.48	18	74	24.32	143	43	3.3
	1996	178	8,135	2.19	13	103	12.62	191	46	4.2
	1997	136	8,430	1.61	14	53	26.42	150	48	3.1
	1998	51	8,415	0.61	16	182	8.79	56	31	1.8
	1999	78	2,419	3.22	7	49	14.29	74	35	2.1
	2000	179	6,736	2.66	24	104	23.08	203	41	5
	2001	157	4,669	3.36	15	86	17.44	149	39	3.8
	2002	232	10,873	2.13	19	80	23.75	234	46	5.1
	2003	180	15,004	1.2	43	151	28.48	195	60	3.3
	2004	229	24,431	0.94	30	174	17.24	259	72	3.6
	2005	172	10,190	1.69	33	245	13.47	205	63	3.3
	2006	152	20,674	0.74	12	44	27.27	164	70	2.3
	2007	84	20,736	0.41	37	284	13.03	121	60	2
	2008	100	9,303	1.07	26	118	22.03	126	51	2.5
	2009	50	3,887	1.29	26	106	24.53	76	36	2.1
2010	139	22,648	1.93	28	139	20.14	167	57	2.9	
2011	157	27,547	0.57	17	28	60.71	174	56	3.1	
2012	211	45,482	0.46	20	79	25.32	231	58	4	
2013	184	15,653	1.18	24	440	21.82	208	71	2.9	
2014	51	5,291	0.96	10	27	37.04	61	32	1.9	

Appendix 10. Oregon beaver and muskrat catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1995–2014. Data compiled from furtaker annual report where harvest and effort is reported. Take values exclude reports without reported effort, but occur in Appendix 14.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Furtakers	Take/Furtaker
Beaver	1995	3,420	61,174	5.6	61	158	38.6	3,481	224	15.5
	1996	5,064	91,366	5.5	69	234	29.5	5,133	281	18.3
	1997	5,442	102,346	5.3	97	302	32.1	5,539	341	16.2
	1998	2,995	62,831	4.8	42	110	38.2	2,976	249	12.0
	1999	2,840	56,618	5.0	32	160	20.0	2,798	240	11.7
	2000	3,487	75,740	4.6	39	185	21.1	3,385	250	13.5
	2001	3,858	62,919	6.1	52	238	21.9	3,900	256	15.2
	2002	3,208	65,807	4.9	67	167	40.1	3,178	256	12.4
	2003	2,639	49,230	5.4	105	160	65.6	2,581	236	10.9
	2004	2,644	58,024	4.6	127	132	96.2	2,771	257	10.8
	2005	2,866	53,794	5.3	14	34	41.2	2,880	211	13.6
	2006	3,209	51,774	6.2	42	106	39.6	3,251	276	11.8
	2007	2,463	44,321	5.6	34	227	15.0	2,497	239	10.4
	2008	2,412	62,986	3.8	89	227	39.2	2,501	284	8.8
	2009	2,793	66,274	4.2	21	269	7.8	2,814	281	10.0
2010	3,169	65,464	4.8	46	151	30.5	3,215	266	12.1	
2011	2,681	56,817	4.7	50	204	24.5	2,731	251	10.9	
2012	2,716	55,916	4.9	56	158	35.4	2,772	276	10.0	
2013	3,244	73,283	4.4	49	187	26.2	3,293	310	10.6	
2014	1,920	50,936	3.8	20	73	27.4	1,940	214	9.1	
Muskrat	1995	8,846	54,694	16.2	202	48	420.8	9,048	111	81.5
	1996	20,329	159,390	12.8	232	48	483.3	20,561	173	118.8
	1997	17,161	156,273	11.0	368	244	150.8	17,529	184	95.3
	1998	5,470	50,294	10.9	145	32	453.1	5,454	125	43.6
	1999	10,876	63,606	17.1	209	73	286.3	10,379	102	101.8
	2000	9,622	57,182	16.8	266	45	591.1	9,746	105	92.8
	2001	8,525	50,005	17.1	167	147	113.6	8,424	105	80.2
	2002	6,305	55,545	11.4	141	40	352.5	6,284	123	51.1
	2003	4,475	38,507	11.6	283	84	336.9	4,402	95	46.3
	2004	5,554	31,642	17.6	85	40	212.5	5,639	125	45.1
	2005	6,573	62,537	10.5	1	3	33.3	6,574	102	64.5
	2006	5,398	69,549	7.8	32	6	533.3	5,430	128	42.4
	2007	2,531	27,176	9.3	44	78	56.4	2,575	87	29.6
	2008	5,008	53,068	9.4	16	2	800.0	5,024	131	38.4
	2009	7,730	82,916	9.3	93	137	67.9	7,823	160	48.9
2010	8,620	100,832	8.6	8	15	53.3	8,628	169	51.1	
2011	9,574	107,606	8.9	29	75	38.7	9,603	182	52.3	
2012	12,762	147,934	8.6	52	46	113.0	12,814	211	60.7	
2013	12,888	143,180	9.0	11	121	16.7	12,899	222	58.0	
2014	8,460	100,002	8.5	5	13	38.5	8,465	153	55.3	

Appendix 11. Oregon river otter catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012. Data compiled from furtaker annual report where harvest and effort is reported. Take values exclude reports without reported effort, but occur in Appendix 14. At the time of writing, a database error has not yet been fixed, preventing populating of values for 2013 and 2014.

Year	Trapping			Hunting			Combined		
	Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Effort	Take/Furtaker
1992	230	10,128	2.27	36	103	34.95	266	82	3.2
1993	333	20,473	1.63	26	62	41.94	359	95	3.8
1994	420	18,111	2.32	10	85	11.76	430	103	4.2
1995	282	22,765	1.24	8	39	20.51	290	76	3.8
1996	341	23,369	1.46	19	59	32.20	360	105	3.4
1997	312	34,004	0.92	21	91	23.08	333	114	2.9
1998	375	23,164	1.62	13	41	31.71	383	94	4.1
1999	369	13,998	2.64	8	58	13.79	285	100	2.9
2000	435	14,672	2.96	8	57	14.04	361	89	4.1
2001	449	16,375	2.74	17	94	18.09	320	100	3.2
2002	618	37,526	1.65	9	39	23.08	578	126	4.6
2003	526	31,986	1.64	23	73	31.51	516	114	4.5
2004	441	36,533	1.21	15	71	21.13	456	114	4.0
2005	414	21,206	1.95	11	28	39.29	425	102	4.2
2006	276	19,732	1.4	14	110	12.73	290	120	2.4
2007	200	11,934	1.68	8	27	29.63	208	104	2.0
2008	281	24,027	1.17	21	85	24.71	302	115	2.6
2009	323	33,720	0.96	24	173	13.87	347	133	2.6
2010	383	29,275	1.31	13	100	13.00	396	121	3.3
2011	382	35,530	1.08	30	167	17.96	412	127	3.2
2012	464	27,352	1.70	32	176	18.18	496	149	3.3
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix 12. Oregon marten catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2014. Data compiled from furtaker annual report where harvest and effort is reported. Take values exclude reports without reported effort, but occur in Appendix 14.

Area	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Furtakers	Take/Furtaker
West	1995	4	37	10.81	0	1	0	4	4	1
	1996	1	4	25	0	0	0	1	1	1
	1997	10	196	5.1	0	0	0	10	3	3.3
	1998	5	23	21.74	0	0	0	5	3	1.7
	1999	15	262	5.73	1	3	33.33	16	6	2.7
	2000	26	600	4.33	0	0	0	26	3	8.7
	2001	29	1,920	1.51	0	0	0	29	2	14.5
	2002	18	660	2.73	0	0	0	18	4	4.5
	2003	13	385	3.38	0	0	0	13	3	4.3
	2004	20	533	3.75	0	0	0	20	4	5
	2005	9	162	5.56	0	1	0	9	3	3
	2006	45	852	5.28	0	0	0	45	7	6.4
	2007	33	1,413	2.34	0	0	0	33	6	5.5
	2008	31	619	5.01	0	0	0	31	6	5.2
	2009	26	1,273	2.04	0	2	0	26	6	4.3
	2010	27	1,367	1.98	0	0	0	27	5	5.4
2011	56	2,234	2.51	0	0	0	56	12	4.7	
2012	46	2,917	1.58	0	0	0	46	8	5.8	
2013	57	5,189	1.1	0	0	0	57	11	5.2	
2014	23	5,859	0.39	0	1	0	23	7	3.3	
East	1995	11	640	1.72	0	0	0	11	3	3.7
	1996	17	870	1.95	0	0	0	17	2	8.5
	1997	82	4,265	1.92	0	0	0	82	5	16.4
	1998	12	222	5.41	0	0	0	12	2	6
	1999	0	0	0	0	0	0	0	0	0
	2000	30	694	4.32	0	0	0	30	4	7.5
	2001	28	1,338	2.09	0	0	0	27	3	9
	2002	0	23	0	0	0	0	0	3	0
	2003	1	24	4.17	0	0	0	1	1	1
	2004	14	4062	0.34	0	0	0	14	5	2.8
	2005	7	138	5.07	0	0	0	7	1	7
	2006	13	3,290	0.4	0	0	0	13	7	1.9
	2007	67	5,042	1.33	0	0	0	67	10	6.7
	2008	96	5,498	1.75	0	0	0	96	10	9.6
	2009	20	1,023	1.96	0	6	0	20	7	2.9
	2010	18	998	1.8	0	0	0	18	2	9
2011	43	3,794	1.13	0	0	0	43	10	4.3	
2012	24	1,864	1.29	0	0	0	24	7	3.4	
2013	57	10,989	0.52	0	0	0	57	11	5.2	
2014	22	3,636	0.61	0	0	0	22	12	1.8	

Appendix 13. Oregon mink and raccoon catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1995–2014. Data compiled from furtaker annual report where harvest and effort is reported. Take values exclude reports without reported effort, but occur in Appendix 14.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Furtakers	Take/Furtaker
Mink	1995	274	18,015	1.52	0	0	0	274	54	5.1
	1996	549	45,093	1.22	0	1	0	549	106	5.2
	1997	607	47,918	1.27	3	45	6.67	485	104	4.7
	1998	307	26,108	1.18	3	3	100	225	64	3.5
	1999	308	11,366	2.71	3	5	60	219	62	3.5
	2000	366	10,760	3.4	1	2	50	244	50	4.9
	2001	297	11,321	2.62	2	41	4.88	192	54	3.6
	2002	356	17,481	2.04	7	16	43.75	318	76	4.2
	2003	251	21,970	1.14	5	12	41.67	173	52	3.3
	2004	244	31,642	0.77	7	22	31.82	251	70	3.6
	2005	290	34,825	0.83	1	1	100	291	61	4.8
	2006	353	20,650	1.71	5	4	125	358	86	4.2
	2007	236	21,452	1.1	3	65	4.62	239	58	4.1
	2008	263	25,301	1.04	7	72	9.72	270	82	3.1
	2009	235	28,616	0.82	3	11	27.27	238	83	2.9
	2010	340	36,818	0.92	1	16	6.25	341	83	4.1
2011	352	38,956	0.9	4	47	8.51	356	94	3.8	
2012	331	62,184	0.54	8	77	10.39	341	113	3.0	
2013	389	37,669	1.03	6	54	11.11	395	108	3.7	
2014	232	23,846	0.97	3	5	60	235	81	2.9	
Raccoon	1995	995	32,786	3.03	1,830	3,575	51.19	2,825	407	6.9
	1996	2,126	87,590	2.43	2,199	3,785	58.1	4,325	467	9.3
	1997	2,520	90,957	2.77	2,334	3,595	64.92	4,854	471	10.3
	1998	1,640	48,456	3.38	2,228	3,070	72.57	3,590	380	9.4
	1999	1,268	25,416	4.99	1,676	2,806	59.73	2,661	321	8.3
	2000	1,868	34,383	5.43	1,921	2,328	82.52	3,446	345	10
	2001	1,447	26,030	5.56	1,160	2,126	54.56	2,221	309	7.2
	2002	1,676	50,038	3.35	1,201	2,463	48.76	2,592	354	7.3
	2003	2,242	59,699	3.76	1,129	2,329	48.48	2,983	369	8.1
	2004	2,137	75,112	2.85	1,105	2,853	38.73	3,242	387	8.4
	2005	868	46,781	1.86	790	2,451	32.23	1,658	328	5.1
	2006	1,062	57,913	1.83	920	2,288	40.21	1,982	365	5.4
	2007	1,303	68,733	1.9	1,106	2,793	39.6	2,409	373	6.5
	2008	1,368	59,353	2.3	1,025	2,879	35.6	2,393	385	6.2
	2009	1,087	72,474	1.5	842	2,858	29.46	1,929	379	5.1
	2010	1,490	81,094	1.84	805	2,439	33.01	2,295	388	5.9
2011	1,600	107,360	1.49	425	1,372	30.98	2,025	349	5.8	
2012	1,482	64,181	2.31	437	1,804	24.22	1,919	343	5.6	
2013	1,693	73,267	2.31	345	1,505	22.92	2,038	375	5.4	
2014	819	45,300	1.81	293	1,268	23.11	1,112	258	4.3	

Appendix 14. Number of successful furtakers and number of animals taken (hunt or trap only) by species in Oregon, 2002–2014. Data compiled from furtaker annual report where harvest and effort is reported. At the time or writing, a database error has not yet been fixed, preventing populating of river otter values for 2013 and 2014.

Species	# Successful Furtakers													# Animals Taken												
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Badger	43	76	75	75	99	85	49	56	68	79	86	66	46	116	269	405	370	724	482	178	200	309	341	254	156	86
Beaver	264	253	258	211	271	239	284	281	266	278	286	318	220	3,275	2,744	2,818	2,912	3,258	2,522	2,532	2,825	3,215	2,732	2,897	3,306	1,976
Bobcat	837	1,027	1,104	1,006	1,299	1,187	1,112	1,005	1,094	1,111	1,175	1,148	890	2,290	3,289	3,526	3,252	4,500	3,144	2,335	2,026	3,051	3,496	3,358	3,243	2,162
Coyote	455	529	529	473	584	559	522	472	476	566	525	517	401	4,024	5,283	5,451	5,469	7,408	6,075	4,111	3,899	5,497	5,907	5,946	4,861	3,748
Gray Fox	66	74	76	57	77	87	104	104	107	116	116	126	99	243	303	287	237	433	508	600	518	655	715	685	504	408
Red Fox	52	70	72	63	60	60	51	36	57	52	70	83	38	251	223	259	222	198	138	151	84	175	174	268	238	68
Marten	8	4	9	3	13	14	13	12	7	17	13	19	19	19	14	34	31	58	100	127	46	45	99	70	114	45
Mink	100	76	71	61	86	58	82	83	83	89	136	125	95	363	256	254	372	411	277	355	284	354	356	399	427	262
Muskrat	154	150	126	102	136	87	131	160	169	203	228	242	172	6,446	4,758	5,718	6,675	5,506	2666	5,228	8,021	8,662	9,606	13,024	12,994	8,616
Nutria	113	98	80	67	81	74	100	101	104	115	132	125	89	4,419	3,260	4,266	2,125	2,431	2,064	3,189	2,026	2,136	2,209	2,540	2,253	1,603
Opossum	83	87	69	40	64	67	77	98	85	125	108	134	110	440	587	771	518	572	519	563	593	632	765	648	787	529
Raccoon	411	874	388	328	365	373	385	379	388	394	381	422	294	2,877	3,371	3,279	1,964	2,386	2,624	2,666	2,019	2,381	2,063	2,077	2,262	1,244
River Otter	144	166	115	102	120	104	115	133	121	131	162	NA	NA	627	549	466	553	357	276	346	370	408	413	512	NA	NA
Spotted Skunk	60	50	49	31	51	25	33	52	44	63	55	65	48	293	394	443	491	682	266	293	188	316	266	403	354	292
Striped Skunk	110	110	82	66	87	76	82	122	114	154	135	136	129	656	815	1,293	663	630	554	781	866	763	905	733	675	607
Weasel	13	5	12	13	13	14	8	13	16	12	19	14	13	22	11	32	47	42	22	23	17	36	19	44	29	28

Appendix 15. Number of Oregon furtakers reporting pursuit season effort and success (Animals treed/100 nights or days of pursuit), 2009–2014. Data compiled from furtaker annual report where harvest and effort is reported.

Species	2010				2011			
	# Reporting Effort	# Treed	# Days	# Treed/100 Days	# Reporting Effort	# Treed	# Days	# Treed/100 Days
Bobcat	248	863	3,466	24.90	257	1,254	3,896	32.19
Gray Fox	22	78	416	18.75	14	34	141	24.11
Red Fox	1	0	6	0.00	2	3	3	100
Raccoon	74	583	1,105	52.76	72	501	946	52.96
Total	345	1,792	4,986	35.94	345	1,792	4,986	35.94

Species	2012				2013				2014			
	# Reporting Effort	# Treed	# Days	# Treed/100 Days	# Reporting Effort	# Treed	# Days	# Treed/100 Days	# Reporting Effort	# Treed	# Days	# Treed/100 Days
Bobcat	227	915	3,229	28.34	208	870	3,070	28.34	189	788	2,556	30.83
Gray Fox	16	85	235	36.17	23	81	363	22.31	17	146	286	51.05
Red Fox	0	0	0	0	4	2	37	5.41	0	0	0	0
Raccoon	45	397	591	67.17	39	227	540	42.04	34	221	446	49.55
Total	288	1,397	4,055	34.45	274	1,180	4,010	98.1	240	1,155	3,288	131.43

Appendix 16. Number of bobcat and river otter CITES tags issued each license year. Source data is reports from ODFW tagging offices.

License Year	River Otter	Western Bobcat	Eastern Bobcat	Bobcat Total
1989	337	949	790	1,739
1990	241	720	502	1,222
1991	305	979	569	1,548
1992	277	710	996	1,706
1993	400	661	721	1,382
1994	405	807	883	1,690
1995		449	549	998
1996	521	936	1,118	2,054
1997	467	1,045	994	2,039
1998	351	635	578	1,213
1999	363	471	804	1,275
2000	272	530	361	891
2001	400	578	674	1,252
2002	600	876	964	1,840
2003	542	1,339	1,864	3,203
2004	465	1,297	2,177	3,474
2005	542	969	2,087	3,056
2006	371	1,369	3,033	4,402
2007	271	1,040	2,054	3,094
2008	346	929	1,434	2,363
2009	355	805	1,140	1,945
2010	407	1,048	1,900	2,948
2011	422	1,355	2,353	3,708
2012	473	956	2,187	3,143
2013	602	1,267	1,996	3,263
2014	358	897	1,320	2,217

Appendix 17. Proportion of bobcat kits and yearlings taken in Oregon, 1983-2014. Information based on bobcat jaws with attached jaw tags composed by ODFW Wildlife Health and Population Lab.

Season	Western Oregon			Eastern Oregon		
	Kits	Yearlings	Combined Total	Kits	Yearlings	Combined Total
2014	0.12	0.19	0.31	0.27	0.16	0.43
2013	0.12	0.13	0.25	0.16	0.20	0.36
2012	0.12	0.10	0.22	0.22	0.26	0.48
2011	0.09	0.16	0.25	0.23	0.24	0.47
2010	0.15	0.16	0.31	0.34	0.24	0.58
2009	0.10	0.17	0.27	0.31	0.11	0.42
2008	0.11	0.11	0.22	0.12	0.11	0.22
2007	0.13	0.07	0.20	0.16	0.26	0.42
2006	0.08	0.16	0.24	0.31	0.26	0.56
2005	0.13	0.19	0.31	0.34	0.21	0.55
2004	0.14	0.15	0.29	0.27	0.23	0.51
2003	0.11	0.15	0.26	0.29	0.18	0.48
2002	0.13	0.12	0.25	0.24	0.15	0.39
2001	0.12	0.13	0.25	0.22	0.17	0.40
2000	0.12	0.08	0.20	0.22	0.19	0.41
1999	0.11	0.16	0.27	0.26	0.23	0.48
1998	0.18	0.16	0.33	0.25	0.17	0.42
1997	0.10	0.14	0.24	0.18	0.17	0.35
1996	0.12	0.12	0.24	0.20	0.14	0.34
1995	0.12	0.15	0.27	0.24	0.23	0.47
1994	0.12	0.12	0.24	0.29	0.10	0.39
1993	0.09	0.16	0.24	0.12	0.21	0.34
1992	0.15	0.10	0.25	0.27	0.23	0.49
1991	0.10	0.15	0.25	0.29	0.23	0.53
1990	0.19	0.23	0.42	0.34	0.17	0.51
1989	0.15	0.27	0.42	0.24	0.23	0.47
1988	0.20	0.28	0.47	0.36	0.20	0.56
1987	0.20	0.36	0.56	0.32	0.18	0.50
1986	0.27	0.13	0.40	0.35	0.08	0.43
1985	0.14	0.21	0.35	0.20	0.16	0.36
1984	0.20	0.22	0.41	0.23	0.16	0.39
1983	0.20	0.16	0.36	0.32	0.09	0.41