

2014–2015 and 2015–2016

**Oregon Furbearer
Regulation Proposals**

June 5-6, 2014

General Furtaker Regulation Proposals

Revision to Requirements of Furbearer Species Obtained Out of State

The regulations related to sale, purchase, or exchange of wildlife parts currently require that carcass or parts of the species listed under this rule and listed by the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) must be accompanied by the CITES tag. However, the CITES tag is a federal requirement for foreign export of pelts and therefore must remain attached to each pelt until processed by the final buyer. Therefore, there is no mechanism by which the CITES tag may accompany other parts of the same individual furbearer, such as the skull, as only one tag is issued per individual pelt. There is no federal requirement that a CITES tag must accompany any other part of a species listed under CITES. Therefore, the proposed revision below will allow for legal importation of untagged parts, other than pelts, of the CITES species listed under rule.

635-200-0040 Certain Extant Furbearer and Other Species Lawfully Obtained Out of State

(1) Any person may purchase, sell, or exchange the carcass or parts of the following species, provided that the animal was lawfully taken and the carcass or parts were lawfully obtained outside Oregon, as documented by appropriate regulatory agency, business or other reliable records:

- (a) Lynx (*Lynx lynx*);
- (b) Wolverine (*Gulo gulo*);
- (c) Wolf (*Canis lupis*);
- (d) Fisher (*Martes pennanti*);
- (e) Kit fox (*Vulpes velox*);
- (f) Ringtail (*Bassariscus astutus*).

(2) For those of the above species that are subject to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the documentation required by this rule is the tag required by CITES **for each individual raw pelt only** as of November 1998.

General Regulations: Staff is proposing edits to administrative rules including some that would primarily affect furtakers taking bobcat and river otter. Proposed changes include language clarifying that furtakers:

- must provide the portion of the jaw containing both canine teeth
- cannot be in possession of record cards other than their own in the field or in transit
- animals taken need to be reported on the record card of the furtaker that killed the animal

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 2013–2014 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 has leveled off in the succeeding seasons with 2,465 licenses sold during the 2012 season (Appendix 1). The percentage of licensed furtakers

returning report cards decreased from 90% in 2009 and 2010 to 75% in 2011 and then increased slightly to 81% in 2012 (Appendix 2).

River otter and bobcat are both specifically listed by Council on International Trade in Endangered Species (CITES) and CITES require each animal be tagged and number harvested recorded. The number of bobcat record cards purchased increased in eastern Oregon to 1,507 cards and in western Oregon to 790 for 2013 compared to 1,407 and 751 respectively in 2012 (Appendix 3). For river otter, the number of record cards purchased increased steadily from 360 in 2010 to 433 in 2013 (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.

During the 2012 season, furtakers harvested a total of 3,268 bobcats, down from 3,481 during 2011 (Appendix 4). The number of furtakers (both hunters and trappers) pursuing western Oregon bobcats decreased (from 385 during 2009 to 332 in 2012), whereas the number pursuing bobcats in eastern Oregon increased over the past several years from 624 in 2009 to 823 in 2012 (Appendix 4). The average price paid for bobcat pelts (eastern and western combined) increased to a high of \$493.00 in 2012 (Appendix 5), and is likely the primary cause of the general increases in effort and harvest over the past several years.

Western Oregon

Harvest for both trappers and hunters decreased in 2012 from a relatively high harvest year in 2011, with 505 and 595 bobcats harvested respectively (Appendix 4). Number of trap-nights decreased from 2011 to 2012 by almost 12% and harvest/100 nights decreased from 0.82 to 0.73. Alternatively, number of hunt-days increased almost 11%, but harvest/100 days decreased from 17.36 to 13.79 (Appendix 4).

Mean age of bobcats harvested in western Oregon has decreased from 4.1 in 2008 to 3.5 in 2012 (Appendix 6). Percent of adults in male harvest was 58% in 2011 and 54% in 2012; the percent of adults in female harvest was similar in 2011 and 2012, at 48% and 49% respectively (Appendix 7). Females made up 46% of the harvest (Appendix 7).

Eastern Oregon

In eastern Oregon, harvest by trappers decreased from 2011 to 2012 from 1,311 to 1,188 bobcats, but harvest by hunters increased from 856 to 980 bobcats (Appendix 4). Number of trap-nights decreased 13% and harvest/100 nights was similar at 0.45 in 2012. Alternatively, number of hunt-days increased 16% and harvest/100 days was similar at 15.10 in 2012 (Appendix 4).

Mean age of bobcats harvested in eastern Oregon has decreased from 3.3 in 2008 to 2.3 in 2012 (Appendix 6). Percent of adults in male harvest was the same in 2011 and 2012 (26%) and percent of adults in female harvest was similar, at 25% (2011) and 28% (2012) (Appendix 7). Females made up 44% of the harvest.

Bobcat Bag Limit Evaluation

Criteria to monitor the harvest include:

1) A Harvest Objective for total bobcat catch/year in any two year period. Adjust the season length up or down biannually if + or - 20% of the average is harvested.

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. Frequent changes to bobcat regulations and seasons would complicate the bobcat management process, potentially confuse furtakers, and make it more difficult to evaluate the results of regulation changes.

The average take per season from 1989 to 2008 was ~1,200 bobcats per year in eastern Oregon. In 2010, after discussions with furtakers the Department set an initial Harvest Objective of 1,250 bobcats per season in eastern Oregon; furtakers supported a Harvest Objective of 1,500. Harvest adjustments could occur if the take is more than 1,500 (1,250+20%) for two years or less than 1,000 (1,250-20%) for two years and the change is consistent with other criteria discussed below.

2) The percent females in the harvest as a secondary consideration for determining if the bobcat population is in balance.

Due to differences in susceptibility to harvest between males and females, harvest tends to be biased toward males. Because of this bias the male/female ratio in the harvest is not necessarily the same as the male/female ratio in the population. As a criteria Utah uses 45 % females in the harvest as a consideration for harvest reduction; Montana uses 40%. The Department proposes to use 45% females in the harvest as a secondary consideration for harvest adjustments.

3) Additional criteria taken into consideration are the proportion of young of the year (YOY) or Juveniles (YOY plus yearlings) in the take, the average age of the harvest, and the proportion of adults in the harvest. These population parameters may provide some indication of the relative level of harvest pressure on the population. This information is included in the following discussion.

Data and Discussion for 2014 and 2015 Bobcat Seasons

Bobcat record card sales continue at a high level. For the 2013 season record card sales for western bobcat increased by 39 to 790, record card sales for eastern bobcat increased by 100 to 1,507 (Appendix 3).

Eastern Oregon bobcat harvest for the 2010, 2011, and 2012 seasons averaged 2058, (Table 1) which is 65% above the Harvest Objective of 1,250 and 37% above a harvest level of 1,500. The actual harvest was higher than the numbers used in these calculations because it is based on the number of bobcat jaws for which an age was determined. Each year jaws are not submitted for some bobcat and a small number of jaws are unusable, such as when the information tag is lost or illegible.

Table 1. Mean age of bobcat taken in Oregon and number of jaws for which age was determined. Based on jaws submitted to the ODFW Population Lab.

Season	Eastern Oregon		Western Oregon	
	Mean Age	Number of Jaws	Mean Age	Number of Jaws
2008	3.3	1323	4.1	878
2009	2.9	1074	4.0	765
2010	2.6	1921	3.6	1084
2011	2.4	2180	3.8	1308
2012	2.3	2072	3.5	1060

The threshold level for the percent females in the harvest is 45%. The bobcat harvest for the 2012 season contained 44% females in eastern Oregon and 46% females in western Oregon.

Other indications of a relatively high level of harvest are that in eastern Oregon young of the year (YOY) plus yearlings were 48% of the harvest and the average age of the harvest was 2.3 years; which are very near criteria of 49% YOY + yearlings used by Utah, and below the criteria ≤ 2.5 years of age used by Montana. Also, for the 2012 season, in eastern Oregon 26% of the males and 28% of the females were adults (≥ 3 years of age), compared to 54% of the males and 49% of the females taken in western Oregon.

Based on the information provided, the Department is proposing to reduce the bag limit for bobcat in eastern Oregon to three. The intent is to achieve an annual harvest of no more than 1,500 which is the objective initially proposed by furtakers and is also the upper threshold of the Department's criteria of 1,250 + 20%. To lower harvest to 1,500 from the recent average of approximately 2,100 (2058 + those with missing or unusable jaws) would require a harvest reduction of 600 bobcat in eastern Oregon.

For the 2012 season 867 eastern Oregon furtakers reported taking between one and five bobcats (Appendix 8). Of the furtakers reporting, 103 reported taking four bobcat (a total of 412 bobcat), and 182 reported taking five bobcat (a total of 910 bobcat). If the bag limit had been three bobcats the reported harvest would have been 467 fewer. If the bag limit had been two cats the reported harvest would have been 889 less (including one less cat in the bag for 137 furtakers who reported taking three bobcats).

Staff Recommendations for Bobcat

- Western Oregon: December 1, 2014 – February 28, 2015 and December 1, 2015– February 28, 2016
- Eastern Oregon: December 1, 2014 – February 28, 2015 and December 1, 2015 – February 28, 2016
- Bag Limit: Eastern Oregon: three 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 711 in 2011 to 576 in 2012 (Appendix 9). Catch per unit effort (CPUE) for gray fox increased for both trappers and hunters from 2011 to 2012. Average pelt prices for gray fox increased from \$27.00 in 2011 to \$36.00 in 2012 then returned to \$27.00 for 2013 (Appendix 5). Staff proposes no changes to gray fox regulations.

Staff Recommendations for Gray Fox

- Season: November 15, 2014 - February 28, 2015 and
November 15, 2015 - February 28, 2016
- Entire state

Red Fox

Combined total red fox take increased from 174 (2011) to 231 (2012) (Appendix 9). CPUE increased for trappers but decreased for hunters. Average pelt prices for red fox increased to a higher price in 2011 (\$47.00) and 2012 (\$56.00) then dropped to \$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, 2014 – January 15, 2015 and October 15, 2015 – January 15, 2016 in remainder of the State.

Beaver

Beaver harvest was similar in 2011 (2,732) and 2012 (2,772) (Appendix 10). Average beaver pelt prices have been relatively stable, at \$21.00 in 2011 down to \$17.00 in 2012 and at \$20.00 in 2013 (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, 2014 – March 15, 2015 and
November 15, 2015 – March 15, 2016
- Open Area: Entire state with closures as specified in regulations.

Muskrat

Harvest increased to a high of 12,814 in 2012 and CPUE decreased slightly for trappers (Appendix 10). Increased interest was likely influenced by the average pelt price increasing to a high of \$10 in 2012 and staying high at \$9.00 for 2013 (Appendix 5). Staff proposes no changes to muskrat regulations.

Staff Recommendation for Muskrat

- Season: November 15, 2014 – March 31, 2015 and
November 15, 2015 – March 31, 2016
- Open Area: Entire state.

River Otter

In winter 2012, Oregon furtakers harvested 496 river otter compared to 412 during 2011 and CPUE increased (Appendix 11). Average river otter pelt prices were \$90.00, \$70.00, and \$76.00 during 2011, 2012, and 2013 respectively (Appendix 5). Staff proposes no changes to river otter regulations.

Staff Recommendation for River Otter

- Season: November 15, 2014 – March 15, 2015 and
November 15, 2015 – March 15, 2016
- Open Area: Entire State, except for all areas closed to beaver trapping.

Marten

Interest in marten trapping continues to be limited with 15 furtakers reporting trapping effort during the 2012 season. Harvest increased with 99 taken during 2011 and 70 taken in 2012 (Appendix 12). Harvest and effort were slightly higher in western versus eastern Oregon. Average pelt price increased to \$67.00 during 2012 the dropped to \$40.00 in 2013 (Appendix 5). Staff proposes no changes to marten regulations.

Staff Recommendation for Marten

- Season: November 1, 2014 – January 31, 2015 and
November 1, 2015 – January 31, 2016
- Open Area: Entire state.

Mink

Total mink take decreased from 356 in 2011 to 339 in 2012 (Appendix 13). Average mink pelt prices increased to \$19.00 in 2012, dropping by more than 50% to \$9.00 in 2013 (Appendix 5). Staff proposes no changes to mink regulations.

Staff Recommendation for Mink

- Season: November 15, 2014 – March 31, 2015 and
November 15, 2015 – March 31, 2016
- Open Area: Entire state.

Raccoon

Total harvest of raccoons has been relatively stable for several years. During 2012, trappers and hunters harvested 1,430 and 413 raccoons respectively (Appendix 13). Average pelt price for raccoons have dropped from \$9.00 in 2012 to \$6.00 in 2013 (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, 2014 – March 15, 2015 and
November 15, 2015 – March 15, 2016
- Open Area: Entire state.

Protected Species

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 Species

- Season: Closed Season Entire Year

Unprotected Species

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 species (Appendix 14). Total harvest is generally considered minimal for unprotected species 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 species

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 2011 and 2012, pursuit effort was down compared to previous years. In 2012, 288 participants reported 4,055 days of pursuit effort and 1,397 animals treed (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) asked that all pursuit seasons statewide be expanded to begin on August 1 and run through March 31. This would include Bobcat, Fox, and Raccoon. Currently pursuit season for raccoon ends March 15, for bobcat and fox pursuit seasons end February 28. The Department has received similar requests in prior years. The Department 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 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, 2014 – February 28, 2015 and
September 1, 2015 – February 28, 2016
- Red and Gray Fox: September 1, 2014 – February 28, 2015 and
September 1, 2015 – February 28, 2016
- Raccoon: September 1, 2014 – March 15, 2015 and
September 1, 2015 – March 15, 201

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Appendix 1. Trend in furtaker license sales, 1986–2012.

Year	# of Licenses Sold for		Total
	Furtaker	Furbearer Hunter	
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

Appendix 2. Trend in license sales and reporting of effort for furbearers in Oregon, 2007-2012.

	2007		2008		2009		2010		2011		2012	
	#	%	#	%	#	%	#	%	#	%	#	%
Furtakers												
Licenses Sold	1,283		1,377		1,212		1,144		1,252		1,327	
Returning Reports	1,218	95	1,243	90	1,115	92	1,053	92	1,011	81	1,121	84
Reported Did Hunt or Trap	853	70	844	68	760	68	806	77	826	82	892	80
Did Not Hunt or Trap	365	30	399	32	355	32	247	23	185	18	229	20
Reporting Harvest	789	92	749	89	671	88	736	91	785	95	831	93
Reporting No Harvest	64	8	95	11	89	12	70	9	41	5	61	7
Fur Hunters												
Licenses Sold	1,333		1,405		1,279		1,205		1,212		1,138	
Returning Reports	1,179	88	1,172	83	1,126	88	1,062	89	840	69	873	77
Reported did Hunt	693	59	682	58	624	55	667	63	532	63	569	65
Did Not Hunt	486	41	490	42	502	45	395	37	308	37	304	35
Reporting Harvest	514	74	484	71	463	74	530	79	436	82	462	81
Reporting No Harvest	179	26	198	29	161	26	137	21	96	18	10	19
Combined Totals												
Licenses Sold	2,616		2,782		2,491		2,339		2,464		2,465	
Returning Reports	2,397	92	2,415	87	2,241	90	2,115	90	1,851	75	1,994	81
Reported Did Hunt or Trap	1,546	64	1,526	63	1,384	62	1,473	70	1,358	73	1,461	73
Did Not Hunt or Trap	851	36	889	37	857	38	642	30	493	27	533	27
Reporting Harvest	1,303	84	1,233	81	1,134	82	1,266	86	1,221	90	1,293	89
Reporting No Harvest	243	16	293	19	250	18	207	14	137	10	168	11

Appendix 3. Number of individuals purchasing record cards and number of record cards purchased for river otter, western bobcat, and eastern bobcat in Oregon, 1986–2013.

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

Appendix 4. Oregon bobcat catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker in Oregon, 1992–2012.

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	1992	225	17,741	1.27	548	2,553	21.46	773	291	2.7
	1993	374	32,360	1.16	446	2,210	20.18	820	295	2.8
	1994	477	32,069	1.49	536	3,044	17.61	1,011	324	3.1
	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	15.90	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	10.70	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	505	69,345	0.73	595	4,315	13.79	1,100	332	3.3	
East	1992	561	60,552	0.93	378	1,967	19.22	939	425	2.2
	1993	447	48,823	0.92	239	1,709	13.98	686	361	1.9
	1994	590	71,504	0.83	415	2,537	16.36	1,005	438	2.3
	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	15.30	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	1,188	265,574	0.45	980	6,489	15.10	2,168	823	2.6	

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 5. Average pelt prices (rounded to nearest \$1.00) for selected furbearers from Oregon fur sales, 1955–2013. Prices are not corrected for inflation.

Season	Beaver	Bobcat	Gray Fox	Red Fox	Marten	Mink	Muskrat	Riv. Otter	Raccoon
1955	\$ 12.00	\$ 3.00	\$ 1.00	-	\$ 5.00	\$ 14.00	\$ 1.00	\$ 21.00	\$ 1.00
1956	\$ 9.00	\$ 2.00	\$ <0.50	\$ 1.00	\$ 5.00	\$ 11.00	\$ 1.00	\$ 22.00	\$ 1.00
1957	\$ 10.00	\$ 3.00	\$ <0.50	\$ 3.00	\$ 5.00	\$ 8.00	\$ 1.00	\$ 24.00	\$ 1.00
1958	\$ 9.00	\$ 3.00	\$ <0.50	\$ 3.00	\$ 4.00	\$ 9.00	\$ 1.00	\$ 18.00	\$ 1.00
1959	\$ 12.00	\$ 6.00	\$ 1.00	\$ 3.00	\$ 3.00	\$ 9.00	\$ 1.00	\$ 22.00	\$ 2.00
1960	\$ 11.00	\$ 5.00	\$ <0.50	\$ 1.00	\$ 4.00	\$ 7.00	\$ 1.00	\$ 20.00	\$ 1.00
1961	\$ 10.00	\$ 4.00	\$ 1.00	\$ 2.00	\$ 3.00	\$ 9.00	\$ 1.00	\$ 20.00	\$ 2.00
1962	\$ 10.00	\$ 5.00	\$ 1.00	\$ 4.00	\$ 6.00	\$ 8.00	\$ 1.00	\$ 20.00	\$ 2.00
1963	\$ 11.00	\$ 5.00	\$ 1.00	\$ 3.00	\$ 7.00	\$ 8.00	\$ 1.00	\$ 21.00	\$ 2.00
1964	\$ 8.00	\$ 6.00	\$ 1.00	\$ 2.00	\$ 9.00	\$ 8.00	\$ 1.00	\$ 22.00	\$ 1.00
1965	\$ 12.00	\$ 14.00	\$ 2.00	\$ 4.00	\$ 6.00	\$ 7.00	\$ 1.00	\$ 24.00	\$ 2.00
1966	\$ 12.00	\$ 9.00	\$ 1.00	\$ 3.00	\$ 6.00	\$ 6.00	\$ 1.00	\$ 20.00	\$ 2.00
1967	\$ 13.00	\$ 15.00	\$ 2.00	\$ 4.00	\$ 6.00	\$ 5.00	\$ 1.00	\$ 19.00	\$ 2.00
1968	\$ 15.00	\$ 17.00	\$ 2.00	\$ 5.00	\$ 8.00	\$ 8.00	\$ 1.00	\$ 25.00	\$ 4.00
1969	\$ 12.00	\$ 15.00	\$ 3.00	\$ 6.00	\$ 7.00	\$ 5.00	\$ 1.00	\$ 26.00	\$ 3.00
1970	\$ 10.00	\$ 14.00	\$ 2.00	\$ 5.00	\$ 6.00	\$ 3.00	\$ 1.00	\$ 24.00	\$ 2.00
1971	\$ 14.00	\$ 21.00	\$ 3.00	\$ 8.00	\$ 5.00	\$ 5.00	\$ 1.00	\$ 32.00	\$ 4.00
1972	\$ 17.00	\$ 39.00	\$ 7.00	\$ 19.00	\$ 8.00	\$ 10.00	\$ 2.00	\$ 47.00	\$ 7.00
1973	\$ 16.00	\$ 54.00	\$ 10.00	\$ 27.00	\$ 5.00	\$ 9.00	\$ 2.00	\$ 36.00	\$ 10.00
1974	\$ 13.00	\$ 37.00	\$ 11.00	\$ 24.00	\$ 8.00	\$ 7.00	\$ 2.00	\$ 34.00	\$ 10.00
1975	\$ 14.00	\$ 103.00	\$ 21.00	\$ 38.00	\$ 15.00	\$ 7.00	\$ 3.00	\$ 42.00	\$ 16.00
1976	\$ 18.00	\$ 103.00	\$ 18.00	\$ 50.00	\$ 16.00	\$ 10.00	\$ 4.00	\$ 57.00	\$ 21.00
1977	\$ 13.00	\$ 72.00	\$ 27.00	\$ 53.00	\$ 14.00	\$ 8.00	\$ 4.00	\$ 45.00	\$ 21.00
1978	\$ 18.00	\$ 115.00	\$ 40.00	\$ 64.00	\$ 17.00	\$ 14.00	\$ 4.00	\$ 57.00	\$ 24.00
1979	\$ 28.00	\$ 93.00	\$ 39.00	\$ 49.00	\$ 15.00	\$ 16.00	\$ 6.00	\$ 51.00	\$ 21.00
1980	\$ 19.00	\$ 119.00	\$ 31.00	\$ 50.00	\$ 12.00	\$ 17.00	\$ 6.00	\$ 41.00	\$ 24.00
1981	\$ 15.00	\$ 97.00	\$ 26.00	\$ 45.00	\$ 12.00	\$ 12.00	\$ 3.00	\$ 22.00	\$ 23.00
1982	\$ 11.00	\$ 115.00	\$ 36.00	\$ 33.00	\$ 20.00	\$ 10.00	\$ 3.00	\$ 33.00	\$ 16.00
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

Appendix 6.
 Mean age of bobcat taken in Oregon 1983–2012.

	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

Appendix 7. Percent of total bobcat taken by sex and percent adult*, 1983–2012.

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

*Adult = three years of age or older

Appendix 8. Number of furtakers taking specific numbers of bobcats in Oregon, 2002–2012.

Area	# Taken	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Western Oregon	1	108	80	98	86	109	105	100	100	91	116	86
	2	47	53	40	36	40	40	40	38	46	44	49
	3	19	29	37	14	27	30	23	22	20	26	31
	4	17	17	14	25	17	24	25	21	22	17	17
	5	13	15	9	10	19	10	17	13	11	15	13
	6	12	16	12	12	15	7	9	8	13	20	14
	7	7	6	10	12	5	11	7	5	11	15	8
	8	6	9	4	8	13	2	4	9	3	4	5
	9	6	1	11	2	9	5	3	1	2	6	6
	10	2	5	5	2	6	7	4	1	4	4	6
	11	4	3	4	3	6	2	1	1	3	1	3
	12	1	4	2	3	5	5	2	4	7	6	1
	13	1	2	3	1	3	4	1	4	3	4	6
	14	2	3	1	0	3	1	2	2	3	1	3
	15	1	1	5	0	2	4	1	0	5	2	2
	>15	10	19	15	13	18	9	10	7	10	15	8
	Total	256	263	270	227	297	266	249	236	254	296	258
Eastern Oregon	1	157	185	193	208	264	276	216	188	240	207	247
	2	90	149	107	133	152	147	137	115	144	153	198
	3	88	99	99	98	110	108	96	76	115	120	137
	4	54	74	79	64	98	83	76	50	85	116	103
	5	108	191	59	66	87	51	103	90	175	197	182
	6	4	4	55	42	59	53	7	7	9	3	3
	7	3	1	109	107	169	69	1	3	3	4	4
		>7	21	24	39	25	28	21	20	29	34	15
	Total	525	727	740	743	967	808	656	558	805	815	893

Appendix 9. Oregon gray and red fox catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take /100 Nights	Total Take	# Hunt Days	Take /100 Days	Total Take	Total Effort	Take / Furtaker
Gray Fox	1992	66	1,987	3.32	51	240	21.25	117	41	2.9
	1993	54	2,813	1.92	16	102	15.69	70	32	2.2
	1994	84	6,540	1.28	44	118	37.29	128	41	3.1
	1995	42	3,794	1.11	69	208	33.17	111	43	2.6
	1996	138	5,742	2.40	41	176	23.30	179	45	4.0
	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	4.50	34	210	16.19	91	42	2.2
	2001	129	3,229	4.00	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	16.30	270	67	4.0
	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	1.10	162	600	27.00	454	87	5.2
	2008	405	15,602	2.60	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	
Red Fox	1992	159	4,870	3.26	51	148	34.46	210	55	3.8
	1993	198	7,329	2.70	11	113	9.73	209	58	3.6
	1994	194	6,748	2.87	23	114	20.18	217	47	4.6
	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	5.0
	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	1.20	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	2.0
	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	4.0	

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 10. Oregon beaver and muskrat catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Effort	Take/Furtaker
Beaver	1992	2,984	60,123	4.96	32	115	27.83	3,016	352	8.6
	1993	4,492	76,283	5.89	44	254	17.32	4,536	279	16.3
	1994	4,427	75,060	5.90	53	146	36.30	4,480	268	16.7
	1995	3,420	61,174	5.59	61	158	38.61	3,481	224	15.5
	1996	5,064	91,366	5.54	69	234	29.49	5,133	281	18.3
	1997	5,442	102,346	5.32	97	302	32.12	5,539	341	16.2
	1998	2,995	62,831	4.77	42	110	38.18	2,976	249	12.0
	1999	2,840	56,618	5.02	32	160	20.00	2,798	240	11.7
	2000	3,487	75,740	4.60	39	185	21.08	3,385	250	13.5
	2001	3,858	62,919	6.13	52	238	21.85	3,900	256	15.2
	2002	3,208	65,807	4.87	67	167	40.12	3,178	256	12.4
	2003	2,639	49,230	5.36	105	160	65.63	2,581	236	10.9
	2004	2,644	58,024	4.56	127	132	96.21	2,771	257	10.8
	2005	2,866	53,794	5.33	14	34	41.18	2,880	211	13.6
	2006	3,209	51,774	6.20	42	106	39.62	3,251	276	11.8
	2007	2,463	44,321	5.56	34	227	14.98	2,497	239	10.4
	2008	2,412	62,986	3.83	89	227	39.21	2,501	284	8.8
	2009	2,793	66,274	4.21	21	269	7.81	2,814	281	10.0
	2010	3,169	65,464	4.84	46	151	30.46	3,215	266	12.1
	2011	2,681	56,817	4.72	50	204	24.51	2,731	251	10.9
2012	2,716	55,916	4.86	56	158	35.44	2,772	276	10.0	
Muskrat	1992	6,218	41,702	14.91	45	50	90.00	6,263	124	50.5
	1993	12,662	73,564	17.21	169	92	183.70	12,831	158	81.2
	1994	13,874	86,186	16.10	53	95	55.79	13,927	160	87.0
	1995	8,846	54,694	16.17	202	48	420.83	9,048	111	81.5
	1996	20,329	159,390	12.75	232	48	483.33	20,561	173	118.8
	1997	17,161	156,273	10.98	368	244	150.82	17,529	184	95.3
	1998	5,470	50,294	10.88	145	32	453.13	5,454	125	43.6
	1999	10,876	63,606	17.10	209	73	286.30	10,379	102	101.8
	2000	9,622	57,182	16.83	266	45	591.11	9,746	105	92.8
	2001	8,525	50,005	17.05	167	147	113.61	8,424	105	80.2
	2002	6,305	55,545	11.35	141	40	352.50	6,284	123	51.1
	2003	4,475	38,507	11.62	283	84	336.90	4,402	95	46.3
	2004	5,554	31,642	17.55	85	40	212.50	5,639	125	45.1
	2005	6,573	62,537	10.51	1	3	33.33	6,574	102	64.5
	2006	5,398	69,549	7.76	32	6	533.33	5,430	128	42.4
	2007	2,531	27,176	9.31	44	78	56.41	2,575	87	29.6
	2008	5,008	53,068	9.44	16	2	800.00	5,024	131	38.4
	2009	7,730	82,916	9.32	93	137	67.88	7,823	160	48.9
	2010	8,620	100,832	8.55	8	15	53.33	8,628	169	51.1
	2011	9,574	107,606	8.90	29	75	38.67	9,603	182	52.3
2012	12,762	147,934	8.63	52	46	113.04	12,814	211	60.7	

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 11. Oregon river otter catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012.

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

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 12. Oregon marten catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012.

Area	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Reported Effort	Take/Furtaker
West	1992	22	1,665	1.32	0	0	0.00	22	4	5.5
	1993	2	92	2.17	0	0	0.00	2	2	1.0
	1994	6	71	8.45	0	0	0.00	6	3	2.0
	1995	4	37	10.81	0	1	0.00	4	4	1.0
	1996	1	4	25.00	0	0	0.00	1	1	1.0
	1997	10	196	5.10	0	0	0.00	10	3	3.3
	1998	5	23	21.74	0	0	0.00	5	3	1.7
	1999	15	262	5.73	1	3	33.33	16	6	2.7
	2000	26	600	4.33	0	0	0.00	26	3	8.7
	2001	29	1,920	1.51	0	0	0.00	29	2	14.5
	2002	18	660	2.73	0	0	0.00	18	4	4.5
	2003	13	385	3.38	0	0	0.00	13	3	4.3
	2004	20	533	3.75	0	0	0.00	20	4	5.0
	2005	9	162	5.56	0	1	0.00	9	3	3.0
	2006	45	852	5.28	0	0	0.00	45	7	6.4
	2007	33	1,413	2.34	0	0	0.00	33	6	5.5
	2008	31	619	5.01	0	0	0.00	31	6	5.2
	2009	26	1,273	2.04	0	2	0.00	26	6	4.3
	2010	27	1,367	1.98	0	0	0.00	27	5	5.4
	2011	56	2,234	2.51	0	0	0.00	56	12	4.7
2012	46	2,917	1.58	0	0	0.00	46	8	5.8	
East	1992	18	4,118	0.44	0	0	0.00	18	6	3.0
	1993	42	1,998	2.10	0	0	0.00	42	6	7.0
	1994	9	326	2.76	0	0	0.00	9	3	3.0
	1995	11	640	1.72	0	0	0.00	11	3	3.7
	1996	17	870	1.95	0	0	0.00	17	2	8.5
	1997	82	4,265	1.92	0	0	0.00	82	5	16.4
	1998	12	222	5.41	0	0	0.00	12	2	6.0
	1999	0	0	0.00	0	0	0.00	0	0	0.0
	2000	30	694	4.32	0	0	0.00	30	4	7.5
	2001	28	1,338	2.09	0	0	0.00	27	3	9.0
	2002	0	23	0.00	0	0	0.00	0	3	0.0
	2003	1	24	4.17	0	0	0.00	1	1	1.0
	2004	14	4062	0.34	0	0	0.00	14	5	2.8
	2005	7	138	5.07	0	0	0.00	7	1	7.0
	2006	13	3,290	0.40	0	0	0.00	13	7	1.9
	2007	67	5,042	1.33	0	0	0.00	67	10	6.7
	2008	96	5,498	1.75	0	0	0.00	96	10	9.6
	2009	20	1,023	1.96	0	6	0.00	20	7	2.9
	2010	18	998	1.80	0	0	0.00	18	2	9.0
	2011	43	3,794	1.13	0	0	0.00	43	10	4.3
2012	24	1,864	1.29	0	0	0.00	24	7	3.4	

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 13. Oregon mink and raccoon catch per unit effort (Harvest/100 trap nights or days hunted) and average harvest per furtaker, 1992–2012.

Species	Year	Trapping			Hunting			Combined		
		Total Take	# Trap Nights	Take/100 Nights	Total Take	# Hunt Days	Take/100 Days	Total Take	Total Effort	Take/Furtaker
Mink	1992	423	20,361	2.08	1	36	2.78	424	107	4.0
	1993	380	19,033	2.00	5	10	50.00	385	90	4.3
	1994	270	15,507	1.74	3	14	21.43	273	87	3.1
	1995	274	18,015	1.52	0	0	0.00	274	54	5.1
	1996	549	45,093	1.22	0	1	0.00	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	100.00	225	64	3.5
	1999	308	11,366	2.71	3	5	60.00	219	62	3.5
	2000	366	10,760	3.40	1	2	50.00	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	100.00	291	61	4.8
	2006	353	20,650	1.71	5	4	125.00	358	86	4.2
	2007	236	21,452	1.10	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	0.90	4	47	8.51	356	94	3.8	
2012	331	62,156	0.53	8	77	10.39	339	113	3.0	
Raccoon	1992	830	29,964	2.77	2,292	4,133	55.46	3,122	475	6.6
	1993	1,158	37,368	3.10	2,388	3,938	60.64	3,546	424	8.4
	1994	1,163	44,713	2.60	2,115	3,942	53.65	3,278	458	7.2
	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	58.10	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	10.0
	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	1.90	1,106	2,793	39.60	2,409	373	6.5
	2008	1,368	59,353	2.30	1,025	2,879	35.60	2,393	385	6.2
	2009	1,087	72,474	1.50	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	1,430	63,391	2.26	413	1,557	26.53	1,843	334	5.5	

^a Data compiled from report cards where furtakers reported trap and/or hunt effort.

Appendix 14. Number of successful furtakers and number of animals taken by species in Oregon, 2000–2012.

Species	# Successful Furtakers												# Animals Taken													
	00	01	02	03	04	05	06	07	08	09	10	11	12	00	01	02	03	04	05	06	07	08	09	10	11	12
Beaver	256	266	264	253	258	211	271	239	284	281	266	278	294	3,526	3,910	3,275	2,744	2,818	2,912	3,258	2,522	2,532	2,825	3,215	2,732	2,794
Bobcat	617	694	837	1,027	1,104	1,006	1,299	1,187	1,112	1,005	1,094	1,111	1,151	1,513	1,632	2,290	3,289	3,526	3,232	4,500	3,144	2,335	2,026	3,051	3,496	3,309
Gray Fox	53	64	66	74	76	57	77	87	104	104	107	116	115	123	183	243	303	287	237	433	508	600	518	655	715	685
Red Fox	55	48	52	70	72	63	60	60	51	36	57	52	66	203	172	251	223	259	222	198	138	151	84	175	174	269
Marten	6	5	8	4	9	3	13	14	13	12	7	17	12	56	57	19	14	34	31	58	100	127	46	45	99	70
Mink	80	80	100	76	71	61	86	58	82	83	83	89	119	367	299	363	256	254	372	411	277	355	284	354	356	399
Muskrat	134	141	154	130	126	102	136	87	131	160	169	203	240	9,888	8,692	6,446	4,758	5,718	6,675	5,506	2,666	5,228	8,021	8,662	9,606	12,928
River Otter	112	129	144	166	115	102	120	104	115	133	121	131	162	445	466	627	549	466	553	357	276	346	370	408	413	512
Raccoon	336	361	411	874	388	328	365	373	385	379	388	394	398	3,789	2,607	2,877	3,371	3,279	1,964	2,386	2,624	2,666	2,019	2,381	2,063	2,023
Badger	60	49	43	76	75	75	99	85	49	56	68	79	84	172	92	116	269	405	370	724	482	178	200	309	341	253
Coyote	339	348	455	529	529	473	584	559	522	472	476	566	542	2,863	2,833	4,024	5,283	5,451	5,469	7,408	6,075	4,111	3,899	5,497	5,907	5,880
Nutria	134	112	113	98	80	67	81	74	100	101	104	115	146	5,325	4,189	4,419	3,260	4,266	2,125	2,431	2,064	3,189	2,026	2,136	2,209	2,503
Opossum	63	67	83	87	69	40	64	67	77	98	85	125	108	380	601	440	587	771	518	572	519	563	593	632	765	648
Spotted Skunk	35	36	60	50	49	31	51	25	33	52	44	63	55	210	193	293	394	443	491	682	266	293	188	316	266	395
Striped Skunk	66	69	110	110	82	66	87	76	82	122	114	154	134	706	481	656	815	1,293	663	630	554	781	866	763	905	731
Weasel	7	11	13	5	12	13	13	14	8	13	16	12	13	7	30	22	11	32	47	42	22	23	17	36	19	44

Species	2009				2010				2011				2012			
	# Reporting Effort	# Treed	# Days	# Treed/ 100 Days	# Reporting Effort	# Treed	# Days	# Treed/ 100 Days	# Reporting Effort	# Treed	# Days	# Treed/ 100 Days	# Reporting Effort	# Treed	# Days	# Treed/ 100 Days
Bobcat	248	863	3,466	24.9	257	1,254	3,896	32.19	197	613	2,700	22.7	227	915	3,229	28.34
Gray Fox	22	78	416	18.75	14	34	141	24.11	13	39	144	27.08	16	85	235	36.17
Red Fox	1	0	6	0	2	3	3	100	0	0	0	0	0	0	0	0
Raccoon	74	583	1,105	52.76	72	501	946	52.96	42	240	474	50.63	45	397	591	67.17
Total	345	1,524	4,993	30.52	345	1,792	4,986	35.94	252	892	3,318	26.88	288	1,397	4,055	34.45

Appendix 15. Number of Oregon furtakers reporting pursuit season effort and success (Animals treed/100 nights or days of pursuit), 2009–2012.