

UTAH FURBEARER ANNUAL REPORT 2013-14



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Annual Performance Report for Federal Aid Project W-65-M, segment 62

State of Utah
Department of Natural Resources
DIVISION OF WILDLIFE RESOURCES

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TABLE OF CONTENTS

Definitions.....	1
Introduction.....	2
Methods.....	2
Results.....	3
Harvest by species.....	11
Badger.....	12
Beaver.....	15
Bobcat.....	18
Coyote.....	28
Gray fox.....	32
Kit fox.....	35
Marten.....	37
Mink.....	40
Muskrat.....	43
Raccoon.....	46
Red fox.....	49
Ringtail.....	52
Spotted skunk.....	54
Striped skunk.....	56
Weasel.....	59
Appendix: Utah furbearer management ecoregions.....	61

DEFINITIONS

Incidental harvest: Furbearers harvested in traps that were intended for a different furbearer species.

Trap year: Time frame corresponding to the 2013–14 furbearer seasons, as outlined in the 2013–14 Utah Furbearer Guidebook.

Trappers afield: Number of furbearer license holders who trapped furbearers during a particular trap year. License holders who took furbearers by means other than trapping, including shooting or with the aid of dogs, are included in this figure except for bobcat.

Total harvest: Number of furbearers of a particular species taken by means of trapping and hunting by furbearer license holders. This figure does not include harvest of unprotected wildlife, such as coyote, muskrat, red fox, raccoon, or striped skunk, taken by persons who did not purchase a furbearer license, nor does it include harvest of furbearers taken for creating a nuisance or causing damage.

Total set-days: Number of traps set during the furbearer season for the trapping of a particular species, multiplied by the number of days these traps were in the field. This figure pertains only to trapping, and does not include days afield by furbearer hunters or pursuers.

Pelt price: Average price paid for pelts of a specific furbearer species harvested in Utah, obtained mainly from a summary of the prices bid at the Utah Trappers Association fur auction, as well as prices from a survey of registered furdealers buying pelts harvested in Utah.

Wildlife Services harvest (coyote only): Number of coyotes killed by USDA-APHIS Wildlife Services in a particular year. Prior to 2006–07, Wildlife Services yearly harvest summaries applied to their fiscal year, which begins October 1 and ends September 30, although most harvest takes place during spring. Beginning in 2006–07, Wildlife Services harvest is reported for the period July 1 to June 30 of the following year.

INTRODUCTION

The furbearer harvest report presents furbearer harvest and trapper/hunter effort trends across the state of Utah, based on data collected from furbearer trappers and hunters. This report represents the furbearer portion of the Annual Performance Report for Federal Aid Project W-65-M, segment 62, grant agreement period October 1, 2013 through September 30, 2014. This Federal Aid project covers the 2013–14 trapping seasons. Additionally this report presents statewide trends since the early 1980s and population trend indicators for bobcats as well as the estimated economic value of Utah’s furbearer harvest each year. Furbearer harvest and trapper/hunter effort may have been more driven by pelt price than by availability, so annual fur harvest should not be used as the sole means to assess/project population sizes.

Furbearers included badger, beaver, bobcat, gray fox, kit fox, mink, marten, ringtail, spotted skunk, and weasel. A furbearer license was required to harvest any of these species, and additional permits were required to harvest bobcats and martens. There were no bag limits for furbearers, except bobcats. Each bobcat permit allowed a person to harvest one bobcat, and a single person could obtain up to 3 bobcat permits in 2013–14. Sales of bobcat permits were capped at a total of 4,600. Season dates for badger, gray fox, kit fox, marten, ringtail, spotted skunk, and weasel were September 28, 2013 through February 2, 2014. Bobcat season was November 27, 2013 through February 2, 2014. Season dates for beaver and mink were September 28, 2013 through April 7, 2014.

Coyote, muskrat, red fox, raccoon, and striped skunk were not under the jurisdiction of the Division, and/or were unprotected. Those species could be taken year round without a license; therefore, results presented in this report do not include harvest by persons who did not purchase a furbearer license. It was prohibited to take black-footed ferret, fisher, lynx, river otter, wolf, and wolverine.

METHODS

Furbearer harvest and effort information was obtained from a telephone/web mixed-mode survey of a statistically-valid random sample of furbearer license holders. The accuracy of that survey was dependent upon the following assumptions: (1) a random sample was achieved (i.e., there was no response bias by those who harvested successfully versus those who did not), (2) respondents recorded or remembered data accurately and did not guess or lie, and (3) respondents clearly understood the questions.

Trappers who harvested bobcats and martens were required to bring the animals’ pelts to a Division office or officer to have permanent tags attached and to surrender the lower jaws. Bobcat and marten harvest data presented in this report, such as county of kill and sex of harvest, were collected at that time; as such, that information was not projected. Additional information on bobcat harvest, such as harvest effort by method, trappers-afield, number of sets, and number of days was determined by the survey mentioned in the preceding paragraph. Due to the small number of marten trappers in Utah, we did not attempt to survey marten trappers. Instead, since a separate permit is required to trap marten, we assumed that all those who purchased a marten permit attempted to trap marten.

To determine age structure of the bobcat harvest, a canine tooth from each bobcat jaw was sectioned, and aged using cementum annuli by Matson's Lab in Milltown, Montana. Survival rates were estimated using the Chapman-Robson estimator. Pelt prices were obtained mainly from a summary of the prices bid at the Utah Trappers Association fur auction, as well as from a survey of registered furdealers buying pelts harvested in Utah.

Because some furbearer species in Utah were rare or not highly sought after by trappers, it was not possible to achieve sufficient sample sizes for these species to make valid statistical inferences. Although the trends for statewide harvest and effort were still valid, at the county level, the harvest and effort estimates had low precision and were likely inaccurate. As such, results by county were only reported for species with a sample size ≥ 20 .

Corrections and Clarifications

In an effort to obtain information on how many furbearers of a given species were taken incidentally, furbearer trappers were asked the question "Did you harvest any (species) in traps that were set for a different species, and, if so, how many?" Prior to 2009–10, all incidental harvest was included in the total harvest and harvest effort statistics. In the 2009–10 and 2010–11 annual reports, incidental harvest was included in statewide summaries of total furbearer harvest, but not in species-specific tables. This omission in 2009–10 and 2010–11 caused some confusion because harvest totals did not match between tables. Furthermore, comparisons of species-specific trapping harvest with prior years' numbers were confounded. This annual report was modified, beginning with the 2011–12 report, to include incidental harvest in species-specific statewide historical harvest tables, as well as split out hunt harvest from trapping harvest.

RESULTS

License Sales and General Survey Results

Furbearer licenses were valid for 365 days from the date of purchase. We used the 365-day period of April 1 to March 31 to determine the total number of furbearer licenses sold for the furbearer season. A total of 2,449 furbearer licenses were sold for the 2013–14 season. The percentage of license holders who bought a furbearer license but did not attempt to harvest furbearers was 35%. The number of trappers afield in 2013–14 was 1,582.

Furbearer Harvest , Historical Trends, and Economic Value

The majority of the harvest taken by furbearer license holders in 2013–14 was of non-protected species—coyote, muskrat, and raccoon—and the total harvest of these species has fluctuated considerably over the last ten years. Total harvest of regulated furbearer species (i.e., species with designated trapping seasons) was 6,970 in 2013–14, which was slightly above the 10-yr average of 6,063. The estimated economic value of Utah's furbearer harvest in 2013–14 was \$1,310,853.

Summary of furbearer license sales and survey responses, Utah 1982–2014.

Trap year	Furbearer licenses sold			License holders surveyed		Projection factor	% license holders not afield
	Resident	Nonresident	Total	Total	Percent (%)		
1982–83	—	—	1325	664	50.1	—	—
1983–84	—	—	1367	616	45.1	—	—
1984–85	—	—	1491	806	54.1	—	—
1985–86	—	—	1424	680	47.8	—	—
1986–87	—	—	1342	585	43.6	—	—
1987–88	—	—	1576	731	46.4	—	—
1988–89	—	—	1318	721	54.7	—	—
1989–90	—	—	1084	597	55.1	—	—
1990–91	—	—	949	513	54.1	—	30.0
1991–92	—	—	1210	689	56.9	—	2.2
1992–93	—	—	1426	857	60.1	—	16.0
1993–94	—	—	1315	—	—	—	—
1994–95	—	—	1287	585	45.5	—	7.0
1995–96	—	—	1240	683	55.1	—	21.2
1996–97	—	—	1131	606	53.6	—	25.4
1997–98	—	—	1190	498	41.8	—	19.5
1998–99	—	—	1191	395	33.2	—	19.8
1999–00	1172	39	1211	458	37.8	2.6	11.6
2000–01	1204	20	1224	420	34.3	2.9	12.4
2001–02	956	21	977	302	30.9	3.2	11.6
2002–03	1409	40	1449	514	35.5	2.8	16.3
2003–04	1729	47	1776	597	33.6	3.0	16.9
2004–05	1830	65	1895	615	32.5	3.1	18.2
2005–06	1631	57	1688	260	15.4	6.5	27.7
2006–07	2029	81	2110	262	12.4	1	26.7
2007–08	2085	55	2140	563	26.3	3.8	31.8
2008–09	2045	57	2102	750	35.7	2.8	34.8
2009–10	1902	34	1936	798	41.2	2.4	30.2
2010–11	1788	29	1817	555	30.5	3.3	30.1
2011–12	1856	36	1892	531	28.1	3.6	33.3
2012–13	2080	52	2132	622	29.2	3.4	34.4
2013–14	2389	60	2449	726	29.6	3.4	35.4
Average	1740	46	1521	587	40.3	2.8	22.3

Statewide total furbearer harvest* estimates by species, Utah 2004–2014.

Species	Trap year										Average 2004–14
	2004–05	2005–06	2006–07**	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	
Badger	432	120	—	275	287	334	309	217	302	371	294
Beaver	2664	2239	—	745	1165	1910	1052	1026	2276	2021	1678
Bobcat	1954	2926	3377	2437	2062	1167	1002	1245	1365	1870	1941
Coyote	7173	4229	—	7637	6945	6674	8128	5296	5749	5784	6402
Gray fox	942	603	—	1093	1747	1392	907	1002	1288	1318	1144
Kit fox	259	183	—	39	104	51	45	110	373	14	131
Marten	0	12	7	21	4	2	36	14	26	16	14
Mink	317	222	—	186	242	395	636	221	867	1012	455
Muskrat	15016	824	—	1665	1198	5505	7698	8266	13650	8764	6954
Raccoon	6405	3298	—	3990	2368	5018	5946	4141	6239	5482	4765
Red fox	4674	1874	—	1130	872	2657	2864	2273	2056	2517	2324
Ringtail	127	103	—	108	59	109	62	28	62	101	84
Skunk (total)	4264	—	—	—	—	—	—	—	—	—	4264
Spotted skunk	—	144	—	45	238	116	276	264	154	240	185
Striped skunk	—	1043	—	848	1697	3270	2733	1679	2465	1970	1963
Weasel	85	190	—	15	11	60	37	25	131	13	63

Prior to the 2005–06 trap season, spotted skunk and striped skunk harvest were not split out.

*Total harvest includes incidental take.

**Due to errors in the 2006–07 furbearer season telephone survey, harvest and effort data is unavailable for all species but bobcat and marten.

Statewide furbearer trapping harvest statistics* by species, Utah 2013–14.

Species	Trappers afield	Trap harvest	Set-days	Set-days / furbearer	Furbearers / 1000 set-days	Furbearers / trapper	Pelt price (\$)
Badger	67	98	17639	180	5.5	1.5	15.73
Beaver	226	1913	48619	25	39.3	8.5	14.33
Bobcat	953	1690		333	3.0	1.8	407.44
Coyote	633	3162	445905	141	7.1	5.0	37.39
Gray fox	169	843	130815	155	6.4	5.0	24.18
Kit fox	10	7	3474	515	1.9	0.7	14.32
Marten	51	16	—	—	—	0.3	32.44
Mink	115	826	22550	27	36.6	7.2	16.21
Muskrat	213	8605	181222	21	47.5	40.5	8.73
Raccoon	354	4031	191815	48	21.0	11.4	9.50
Red fox	398	1934	298377	154	6.5	4.9	40.39
Ringtail	24	37	36752	991	1.0	1.6	17.91
Spotted skunk	10	17	3879	230	4.3	1.7	13.51
Striped skunk	88	654	30046	46	21.8	7.5	6.96
Weasel	3	3	40	12	83.3	1.0	5.00

*Does not include incidental harvest.

Statewide furbearer hunting harvest by species, Utah 2013–14.

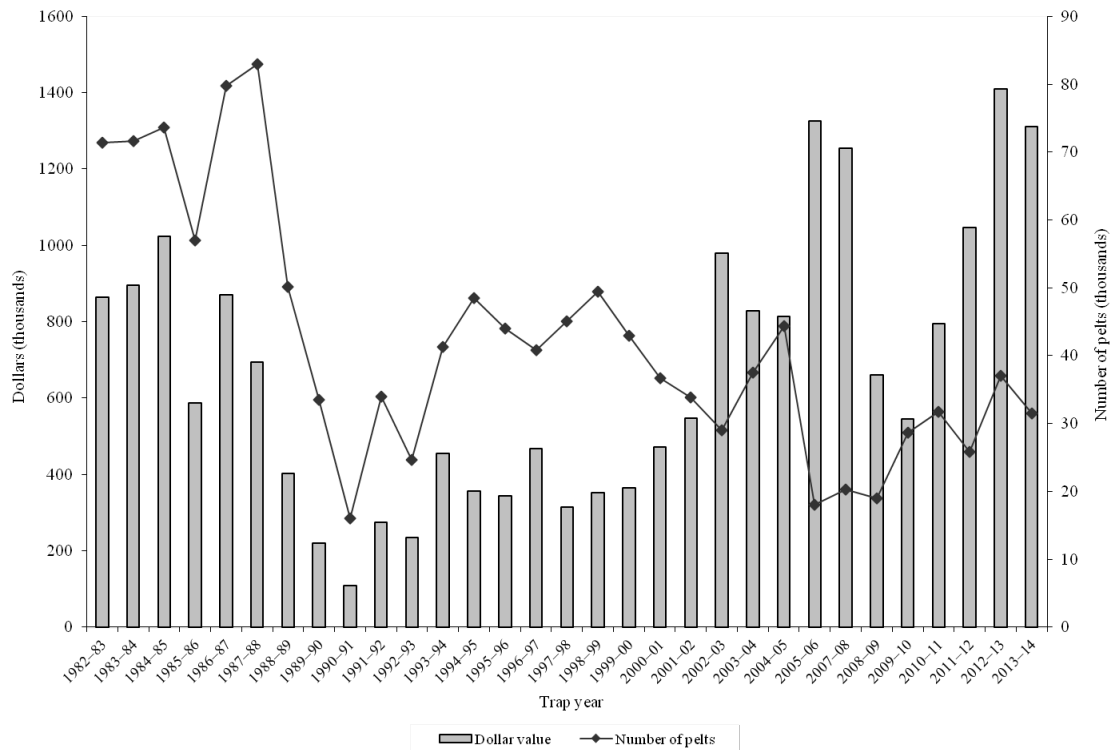
Species	Hunters afield	Hunt harvest	Hunting days	Days / furbearer	Furbearers / hunter
Badger	24	57	88	1.5	2.4
Beaver	13	10	44	4.3	8.0
Bobcat	182	180	2901	16.1	1.0
Coyote	383	2310	9768	4.2	6.3
Gray fox	3	13	405	30.0	5.0
Kit fox	0	—	—	—	—
Mink	0	—	—	—	—
Muskrat	0	—	—	—	—
Raccoon	34	385	192	0.5	11.8
Red fox	37	64	540	8.4	4.6
Ringtail	0	—	—	—	—
Spotted skunk	3	17	51	3.0	2.5
Striped skunk	20	44	94	2.2	6.5
Weasel	0	—	—	—	—

Number of furbearers harvested in traps set for other species, Utah 2013–14.

Species	Incidental harvest	Trap / hunt harvest	Total harvest	% incidental harvest
Badger	216	155	371	58.2
Beaver	98	1923	2021	4.8
Bobcat	117*	1870	1870	6.3
Coyote	312	5472	5784	5.4
Gray fox	462	856	1318	35.1
Kit fox	7	7	14	50.0
Marten	0	16	16	0.0
Mink	186	826	1012	18.4
Muskrat	159	8605	8764	1.8
Raccoon	1066	4416	5482	19.4
Red fox	519	1998	2517	20.6
Ringtail	64	37	101	63.4
Spotted skunk	206	34	240	85.8
Striped skunk	1272	698	1970	64.6
Weasel	10	3	13	76.9
Total	4694	26910	31487	14.9

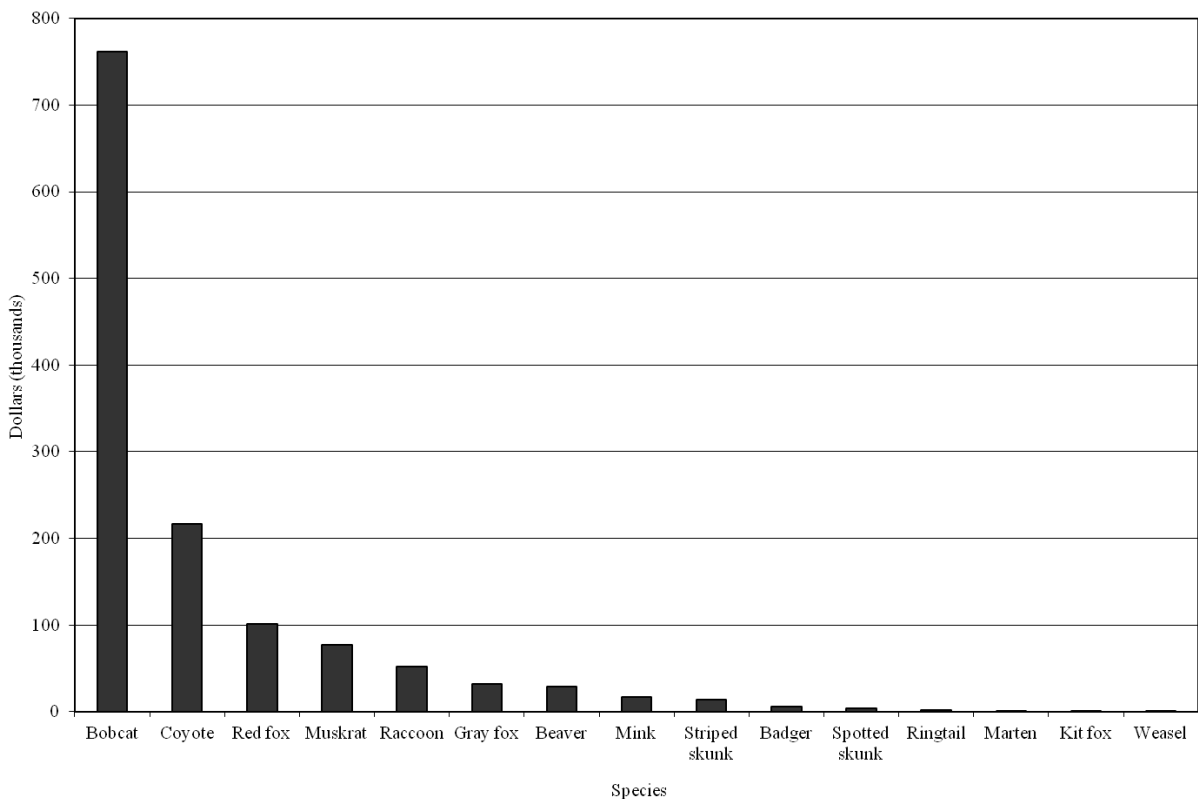
*Incidental bobcat harvest is accounted for in trap harvest.

Estimated economic value of the furbearer harvest taken by trappers in Utah, 1982–2014.



*No data available for 2007.

Proportional economic value of the furbearer harvest taken by trappers in Utah, by species, 2013–14.



Economic value* (in dollars) of furbearer species in Utah's annual furbearer harvest, Utah 1982–2014.

Trap year	Species														Total economic value (\$)
	Badger	Beaver	Bobcat	Coyote	Gray fox	Kit fox	Marten	Mink	Muskrat	Raccoon	Red fox	Ringtail	Skunk	Weasel	
1982–83	5945	20418	434340	203240	37352	7244	10	4394	119096	10526	16391	1430	4620	59	865064
1983–84	4794	25211	498960	152358	34353	8369	1680	3460	136033	11105	14869	1497	3597	0	896285
1984–85	6794	43796	511464	193809	48147	7272	288	4948	133589	18208	32220	794	22126	56	1023511
1985–86	1964	47463	301410	95322	21147	4568	2783	5022	72903	13751	21386	433	0	0	588152
1986–87	3239	93684	316416	166417	36848	5415	565	8802	157919	30439	49262	746	0	185	869938
1987–88	2772	69184	250635	107590	35779	5751	2000	12703	144058	24645	34765	643	2524	250	693300
1988–89	1943	27264	230282	27104	14837	4488	310	9129	46760	23932	16070	1060	290	23	403492
1989–90	1749	40991	85986	28913	5825	1164	0	7018	15039	14242	17550	350	387	8	219223
1990–91	1250	10066	45849	20892	2060	869	0	3437	6463	5375	12636	347	194	9	109446
1991–92	2015	13338	100672	65100	2762	520	0	4924	31275	10729	39194	708	4148	6	275390
1992–93	2308	7399	105390	57740	2988	821	0	2850	13715	4757	31635	425	4887	8	234924
1993–94	1709	16888	148962	128971	8244	1412	0	3970	42502	15768	74511	259	10768	158	454120
1994–95	4555	32270	90536	65890	7417	3425	0	2933	49362	18332	67159	1019	13359	20	356277
1995–96	2904	20502	71241	67722	8818	1363	0	5502	54883	23516	74399	947	11622	613	344032
1996–97	2888	27474	127995	75238	4257	1097	0	2946	83902	56444	74710	537	10356	96	467939
1997–98	1786	39328	75138	34862	3019	336	0	1958	54083	49790	42345	170	11878	85	314778
1998–99	5393	27642	116859	46840	6055	1228	43	2453	37878	38437	50120	575	18297	182	352002
1999–00	5646	20093	118175	67181	6124	531	0	2543	21086	30147	69531	710	23205	—	364973
2000–01	7731	20557	187868	71461	9272	987	—	2303	16394	29298	90184	708	33517	1318	471598
2001–02	4290	18326	275534	70404	15355	1833	—	1477	38945	30431	78140	1039	12208	—	547983
2002–03	7428	16288	588238	177649	24217	1643	—	555	10071	22486	124008	598	7344	14	980538
2003–04	8480	25112	411826	171428	18959	3432	0	5384	16920	59889	83827	656	23050	0	828964
2004–05	5901	37056	433104	144177	13009	2326	0	2847	23575	41889	88152	1412	19785	247	813480
2005–06	1802	39742	1049147	128773	14562	1998	—	2213	3271	32419	45632	959	6374	—	1326894
2007–08	4970	13037	946596	166006	42838	307	—	1736	5067	43288	24200	1604	4375	45	1254069

*Economic value was determined by multiplying average pelt price by total harvest for a given species.

Species with missing values contributed to Utah's annual furbearer harvest but were not included in the economic value estimate due to missing average pelt price or harvest data. No data was available for 2006–07. From 2001 to 2005, average striped skunk pelt price was used to calculate all skunk (spotted and striped) economic value.

Economic value* (in dollars) of furbearer species in Utah's annual furbearer harvest, Utah 1982–2014 (cont.).

Trap year	Species														Total economic value (\$)
	Badger	Beaver	Bobcat	Coyote	Gray fox	Kit fox	Marten	Mink	Muskrat	Raccoon	Red fox	Ringtail	Skunk	Weasel	
2008–09	4996	15319	492186	75399	29816	791	—	1442	2988	14713	15676	631	7256	—	661214
2009–10	6458	22160	261073	98766	23047	483	—	3160	27148	35589	43366	1635	22895	458	546238
2010–11	5338	13421	369686	203226	19019	571	972	7170	41555	48575	64790	1173	18607	267	794368
2011–12	4435	16017	567920	230005	23177	1594	550	3333	60140	32162	96534	342	9823	114	1046146
2012–13	5225	46112	765710	227430	40152	5360	1462	16629	110710	87845	87380	971	14580	—	1409567
2013–14	5834	28951	761918	216267	31870	200	519	16406	76492	52102	101665	1809	16949	65	1311048
Average	4276	28875	346488	115683	19075	2497	466	4956	53349	30027	54268	845	10936	165	671773

*Economic value was determined by multiplying average pelt price by total harvest for a given species.

Species with missing values contributed to Utah's annual furbearer harvest but were not included in the economic value estimate due to missing average pelt price or harvest data.

HARVEST BY SPECIES

BADGER

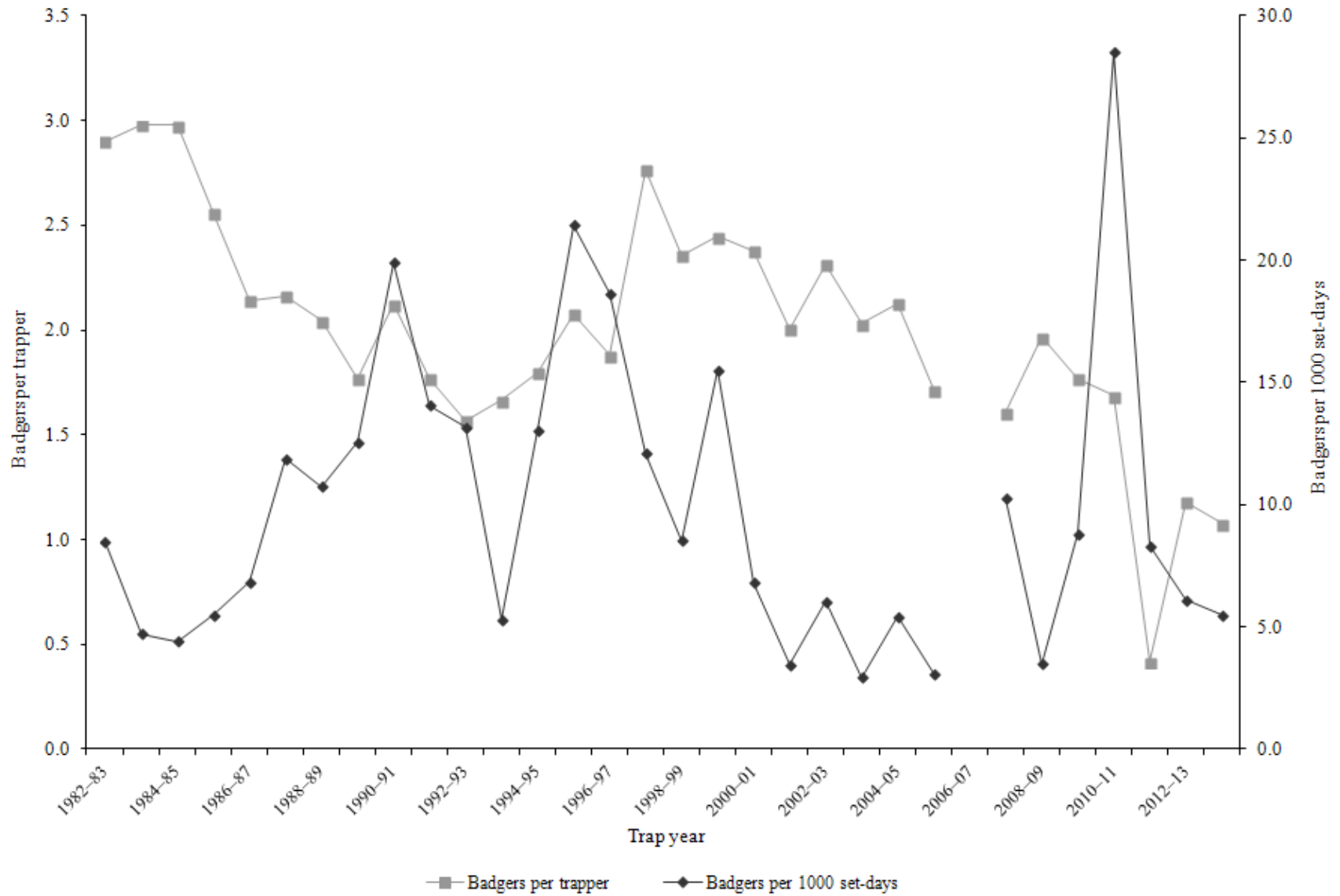
Statewide badger harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / badger	Badgers / 1000 set-days	Badgers / trapper	Pelt price (\$)
1982–83	250	—	725	—	118	8.5	2.9	8.20
1983–84	188	—	560	—	212	4.7	3.0	8.56
1984–85	225	—	670	—	227	4.4	3.0	10.14
1985–86	194	—	496	—	182	5.5	2.6	3.96
1986–87	198	—	424	—	146	6.8	2.1	7.64
1987–88	212	—	459	—	84	11.9	2.2	6.04
1988–89	204	—	417	—	93	10.7	2.0	4.66
1989–90	207	—	366	—	80	12.5	1.8	4.78
1990–91	81	—	172	—	50	19.9	2.1	7.27
1991–92	134	—	237	—	71	14.1	1.8	8.50
1992–93	148	—	232	—	76	13.2	1.6	9.95
1993–94	143	—	238	—	188	5.3	1.7	7.18
1994–95	182	—	327	—	77	13.0	1.8	13.93
1995–96	133	—	276	—	47	21.4	2.1	10.52
1996–97	118	—	222	—	54	18.7	1.9	13.01
1997–98	98	—	271	—	83	12.1	2.7	6.59
1998–99	135	—	318	—	117	8.5	2.4	16.96
1999–00	177	—	433	—	64	15.5	2.4	13.04
2000–01	189	—	450	—	147	6.8	2.4	17.18
2001–02	137	—	275	—	288	3.5	2.0	15.60
2002–03	234	—	541	—	165	6.0	2.3	13.73
2003–04	223	—	453	—	341	2.9	2.0	18.72
2004–05	203	—	432	—	184	5.4	2.1	13.66
2005–06	70	—	120	—	324	3.1	1.7	15.02
2006–07	187	—	—	—	—	—	—	18.07
2007–08	171	—	275	—	98	10.2	1.6	14.14
2008–09	146	—	287	—	282	3.5	2.0	17.41
2009–10	78	196	138	—	113	8.8	1.8	19.34
2010–11	115	115	194	—	35	28.5	1.7	17.27
2011–12	110	82	46	89	120	8.3	0.4	20.44
2012–13	99	147	117	38	163	6.1	1.2	17.36
2013–14	91	216	98	57	180	5.5	1.1	15.73
Average	159	151	331	61	142	9.9	2.0	12.33

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and badgers per trapper include hunters and their harvest. Set-days per badger and badgers per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide badger harvest trends, Utah 1982–2014.



Badger trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / beaver	Beaver / 1000 set-days	Beaver / trapper
Beaver	1	3	7	34	101	1012	150.0	6.7	2.0
Box Elder	0	0	—	—	—	—	—	—	—
Iron	2	7	3	84	347	5178	1535.0	0.7	0.5
Juab	1	3	40	40	98	1174	29.0	34.5	12.0
Millard	0	0	—	—	—	—	—	—	—
Tooele	2	7	10	40	206	1633	161.3	6.2	1.5
Great Basin totals	6	20	61	199	752	8997	148.2	6.7	3.0
Cache	0	0	—	—	—	—	—	—	—
Davis	0	0	—	—	—	—	—	—	—
Morgan	0	0	—	—	—	—	—	—	—
Piute	1	3	0	51	101	1518	—	0.0	0.0
Rich	1	3	3	3	3	3	1.0	1000.0	1.0
Salt Lake	1	3	0	64	202	3846	—	0.0	0.0
Sanpete	1	3	0	7	13	27	—	0.0	0.0
Sevier	0	0	—	—	—	—	—	—	—
Summit	1	3	0	7	13	27	—	0.0	0.0
Utah	3	10	10	37	71	347	34.3	29.1	1.0
Wasatch	1	3	0	7	17	34	—	0.0	0.0
Weber	0	0	0	—	—	—	—	—	—
Rocky Mountain totals	9	30	13	175	422	5802	430.0	2.3	0.4
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	0	0	—	—	—	—	—	—	—
Uintah	0	0	—	—	—	—	—	—	—
Uintah Basin totals	0	0	—	—	—	—	—	—	—
Carbon	1	3	3	10	34	101	30.0	33.3	1.0
Emery	0	0	—	—	—	—	—	—	—
Garfield	1	3	3	3	13	13	4.0	250.0	1.0
Grand	0	0	—	—	—	—	—	—	—
Kane	1	3	7	40	98	1174	174.0	5.7	2.0
San Juan	2	7	7	54	111	1528	226.5	4.4	1.0
Washington	1	3	3	3	24	24	7.0	142.9	1.0
Wayne	0	0	—	—	—	—	—	—	—
Colorado Plateau totals	6	20	24	111	280	2840	120.3	8.3	1.2
Unknown	0	0	—	—	—	—	—	—	—
Statewide totals*	20	67	98	486	1454	17639	180.3	5.5	1.5

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

BEAVER

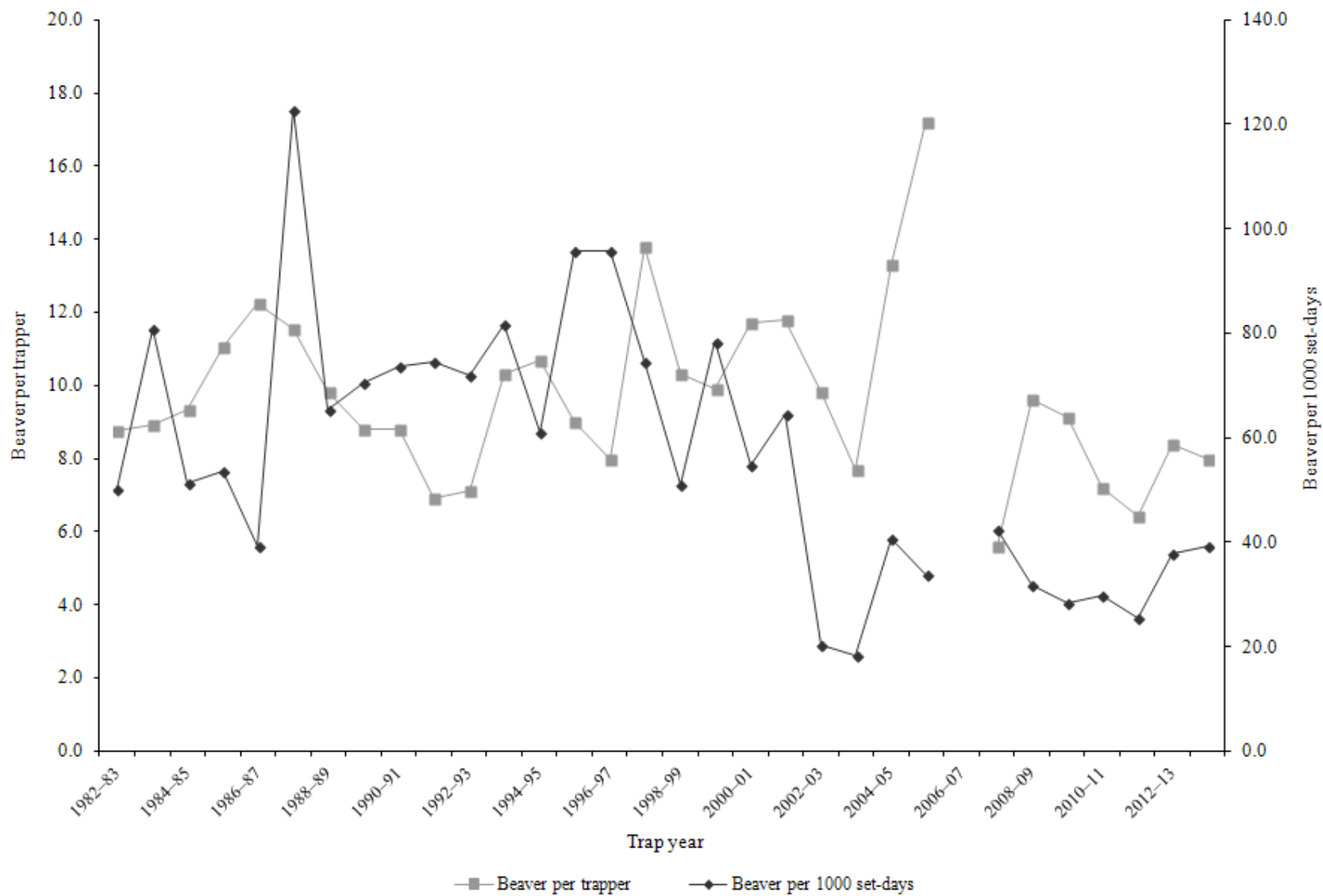
Statewide beaver harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / beaver	Beavers / 1000 set-days	Beavers / trapper	Pelt price (\$)
1982–83	181	—	1584	—	20	50.1	8.8	12.89
1983–84	200	—	1788	—	12	80.8	8.9	14.10
1984–85	285	—	2664	—	20	51.3	9.3	16.44
1985–86	293	—	3242	—	19	53.7	11.1	14.64
1986–87	338	—	4138	—	26	39.2	12.2	22.64
1987–88	409	—	4716	—	8	122.9	11.5	14.67
1988–89	277	—	2721	—	15	65.4	9.8	10.02
1989–90	390	—	3436	—	14	70.5	8.8	11.93
1990–91	176	—	1551	—	14	73.8	8.8	6.49
1991–92	216	—	1492	—	13	74.5	6.9	8.94
1992–93	134	—	956	—	14	71.9	7.1	7.74
1993–94	171	—	1761	—	12	81.6	10.3	9.59
1994–95	239	—	2551	—	16	61.0	10.7	12.65
1995–96	170	—	1530	—	10	95.7	9.0	13.40
1996–97	163	—	1299	—	10	95.7	8.0	21.15
1997–98	210	—	2896	—	13	74.6	13.8	13.58
1998–99	286	—	2950	—	20	51.0	10.3	9.37
1999–00	185	—	1830	—	13	78.4	9.9	10.98
2000–01	170	—	1992	—	18	54.7	11.7	10.32
2001–02	143	—	1689	—	16	64.5	11.8	10.85
2002–03	175	—	1720	—	49	20.3	9.8	9.47
2003–04	232	—	1781	—	55	18.2	7.7	14.10
2004–05	200	—	2664	—	25	40.7	13.3	13.91
2005–06	130	—	2239	—	29	33.9	17.2	17.75
2006–07	122	—	—	—	—	—	—	16.31
2007–08	133	—	745	—	24	42.5	5.6	17.50
2008–09	121	—	1165	—	31	31.9	9.6	13.15
2009–10	209	6	1904	—	35	28.5	9.1	11.60
2010–11	144	13	1039	—	34	29.8	7.2	12.76
2011–12	157	18	1008	—	39	25.4	6.4	15.61
2012–13	267	17	2245	14	26	37.9	8.4	20.26
2013–14	240	98	1913	10	25	39.3	8.0	14.33
Average	211	30	2104	12	22	56.8	9.7	13.41

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and beaver per trapper include hunters and their harvest. Set-days per beaver and beaver per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield

Statewide beaver harvest trends, Utah 1982–2014.



Beaver trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / beaver	Beaver / 1000 set-days	Beaver / trapper
Beaver	0	0	—	—	—	—	—	—	—
Box Elder	6	20	192	142	479	3711	19.3	51.8	9.5
Iron	0	0	—	—	—	—	—	—	—
Juab	0	0	—	—	—	—	—	—	—
Millard	0	0	—	—	—	—	—	—	—
Tooele	0	0	—	—	—	—	—	—	—
Great Basin totals	6	20	192	142	479	3711	19.3	51.8	9.5
Cache	6	20	121	152	287	3056	25.2	39.7	6.0
Davis	1	3	10	20	47	283	28.0	35.7	3.0
Morgan	3	10	192	91	290	3120	16.2	61.6	19.0
Piute	2	7	71	101	81	1214	17.1	58.3	10.5
Rich	2	7	17	24	34	152	9.0	111.1	2.5
Salt Lake	4	13	84	64	675	5563	66.0	15.2	6.3
Sanpete	4	13	37	78	199	1110	29.9	33.4	2.8
Sevier	0	0	—	—	—	—	—	—	—
Summit	7	24	439	290	401	4949	11.3	88.6	18.6
Utah	13	44	260	459	826	9627	37.1	27.0	5.9
Wasatch	3	10	51	57	30	189	3.7	267.9	5.0
Weber	10	34	196	256	722	6885	35.2	28.4	5.8
Rocky Mountain totals	55	186	1477	1592	3593	36148	24.5	40.9	8.0
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	6	20	135	125	270	1930	14.3	69.9	6.7
Uintah	2	7	17	37	196	1025	60.8	16.4	2.5
Uintah Basin totals	8	27	152	162	466	2955	19.5	51.4	5.6
Carbon	3	10	30	61	219	1241	40.9	24.5	3.0
Emery	1	3	27	20	337	2024	75.0	13.3	8.0
Garfield	0	0	—	—	—	—	—	—	—
Grand	0	0	—	—	—	—	—	—	—
Kane	0	0	—	—	—	—	—	—	—
San Juan	0	0	—	—	—	—	—	—	—
Washington	1	3	3	10	10	30	9.0	111.1	1.0
Wayne	0	0	—	—	—	—	—	—	—
Colorado Plateau totals	5	17	61	91	567	3296	54.3	18.4	3.6
Unknown	2	7	30	61	216	2510	82.7	12.1	4.5
Statewide totals*	67	226	1913	2048	5320	48619	25.4	39.3	8.5

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

BOBCAT

Statewide bobcat trapping harvest statistics, Utah 1982–2014.

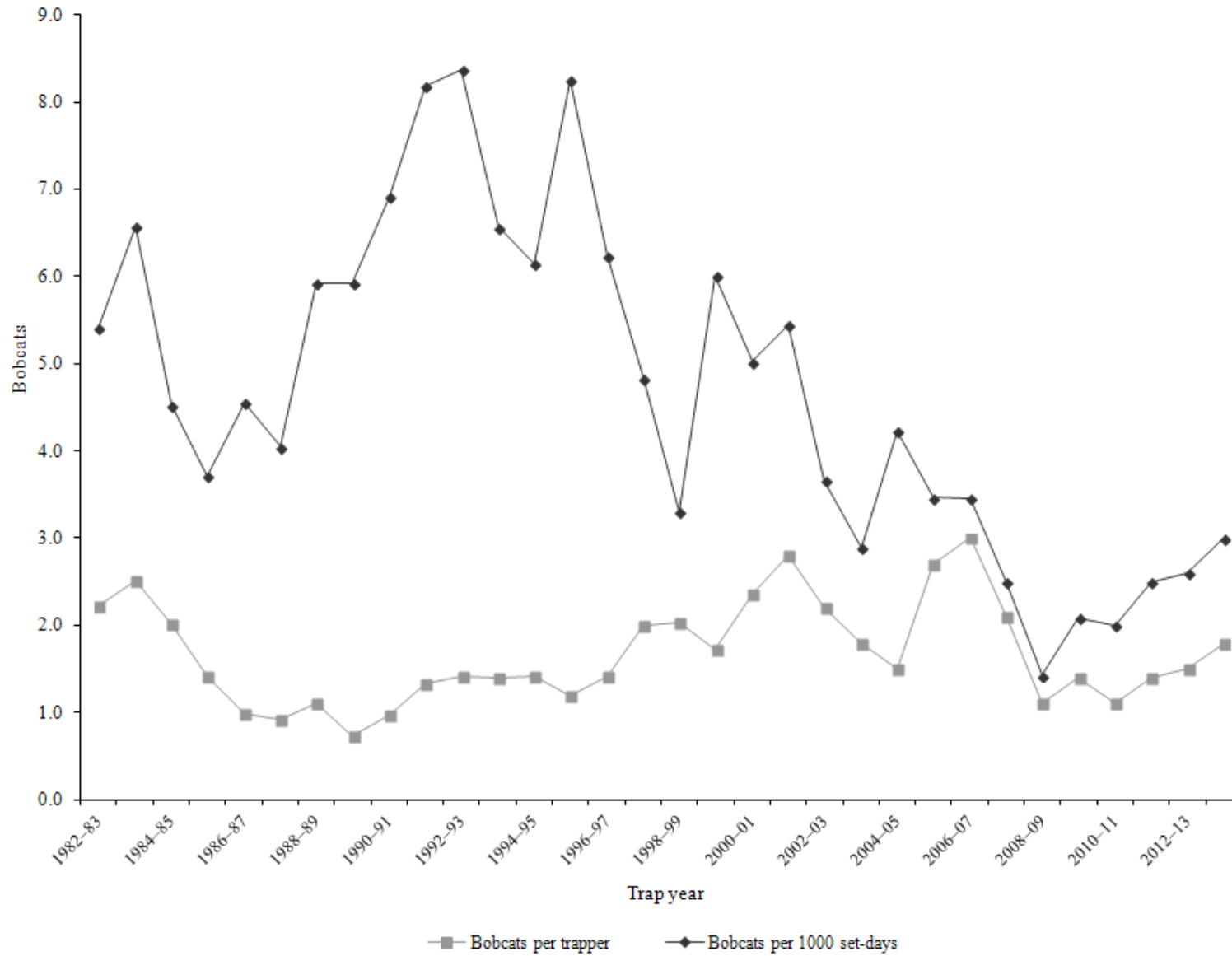
Trap year	Trappers afield	Trap harvest	Set-days	Set-days / bobcat	Bobcats / 1000 set-days	Bobcats / trapper	Pelt price (\$)
1982–83	1145	2540	469979	185	5.4	2.2	171.00
1983–84	1050	2640	401841	152	6.6	2.5	189.00
1984–85	1253	2532	559480	221	4.5	2.0	202.00
1985–86	1083	1530	411493	269	3.7	1.4	197.00
1986–87	1036	1024	224778	220	4.6	1.0	309.00
1987–88	1108	1023	252680	247	4.0	0.9	245.00
1988–89	941	1042	175990	169	5.9	1.1	221.00
1989–90	1167	843	142360	169	5.9	0.7	102.00
1990–91	542	527	76218	145	6.9	1.0	87.00
1991–92	726	968	118293	122	8.2	1.3	104.00
1992–93	827	1171	139949	120	8.4	1.4	90.00
1993–94	900	1256	191367	152	6.6	1.4	118.60
1994–95	914	1293	210522	163	6.1	1.4	70.02
1995–96	749	896	108594	121	8.3	1.2	79.51
1996–97	615	866	138899	160	6.2	1.4	147.80
1997–98	619	1234	255147	207	4.8	2.0	60.89
1998–99	1031	2092	633774	303	3.3	2.0	55.86
1999–00	828	1430	238152	167	6.0	1.7	82.64
2000–01	852	2008	399609	199	5.0	2.4	93.56
2001–02	666	1866	342678	184	5.4	2.8	147.66
2002–03	984	2176	593692	273	3.7	2.2	270.33
2003–04	1133	2027	701383	346	2.9	1.8	203.17
2004–05	1300	1954	462019	236	4.2	1.5	221.65
2005–06	979	2625	757380	289	3.5	2.7	358.56
2006–07	1017	3037	877870	289	3.5	3.0	197.53
2007–08	985	2091	836519	400	2.5	2.1	388.43
2008–09	1630	1796	1258813	701	1.4	1.1	238.69
2009–10	717	1017	488709	481	2.1	1.4	223.71
2010–11	771	846	416474	492	2.0	1.1	368.95
2011–12	755	1094	437912	400	2.5	1.4	456.16
2012–13	836	1214	475902	392	2.6	1.5	560.96
2013–14	953	1690	562430	333	3.0	1.8	407.44
Average	941	1573	417528	260	4.7	1.7	208.41

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

Statewide bobcat hunting harvest statistics, Utah 2005–2014.

Trap year	Hunters afield	Hunt harvest	Hunter-days afield	Hunter-days / bobcat	Bobcats / hunter
2005–06	612	301	8194	27	0.5
2006–07	440	340	10408	31	0.8
2007–08	557	346	10089	29	0.6
2008–09	438	266	7360	28	0.6
2009–10	370	150	5253	35	0.4
2010–11	355	156	5888	38	0.4
2011–12	329	151	4146	28	0.5
2012–13	206	151	2739	18	0.7
2013–14	182	180	2901	16	1.0
Average	388	227	6331	28	0.6

Statewide bobcat trapping harvest trends, Utah 1982–2014.



Bobcat trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest**	Traps set	Trapping days	Set-days	Set-days / bobcat	Bobcats / 1000 set-days	Bobcats / trapper
Beaver	19	77	120	2690	852	33018	275.2	3.6	1.6
Box Elder	11	44	38	1252	642	21199	557.9	1.8	0.9
Iron	22	89	168	3438	1159	52270	311.1	3.2	1.9
Juab	11	44	53	1139	364	9666	182.4	5.5	1.2
Millard	13	53	44	2197	792	42103	956.9	1.0	0.8
Tooele	16	65	25	2024	759	33996	1359.8	0.7	0.4
Great Basin totals	92	372	448	12740	4569	192252	429.1	2.3	1.2
Cache	2	8	3	61	65	852	284.0	3.5	0.4
Davis	3	12	4	654	182	8143	2035.8	0.5	0.3
Morgan	3	12	10	279	61	1802	180.2	5.5	0.8
Piute	4	16	44	182	93	1721	39.1	25.6	2.8
Rich	4	16	18	813	174	9641	535.6	1.9	1.1
Salt Lake	1	4	4	121	12	364	91.0	11.0	1.0
Sanpete	8	32	45	772	335	9941	220.9	4.5	1.4
Sevier	12	48	109	1948	743	39339	360.9	2.8	2.3
Summit	5	20	14	852	238	12619	901.4	1.1	0.7
Utah	16	65	42	1878	570	19357	460.9	2.2	0.6
Wasatch	1	4	4	40	57	566	141.5	7.1	1.0
Weber	4	16	7	319	250	6180	882.9	1.1	0.4
Rocky Mountain totals	63	254	304	7919	2779	110525	363.6	2.8	1.2
Daggett	2	8	6	81	81	937	156.2	6.4	0.8
Duchesne	9	36	62	1074	452	18274	294.7	3.4	1.7
Uintah	14	57	83	2315	687	30982	373.3	2.7	1.5
Uintah Basin totals	25	101	151	3470	1220	50194	332.4	3.0	1.5
Carbon	23	93	88	3003	1213	42217	479.7	2.1	0.9
Emery	11	44	32	1759	327	15955	498.6	2.0	0.7
Garfield	16	65	93	1939	856	29686	319.2	3.1	1.4
Grand	4	16	52	614	412	18420	354.2	2.8	3.3
Kane	15	61	147	1846	978	27411	186.5	5.4	2.4
San Juan	20	81	199	2585	1160	34699	174.4	5.7	2.5
Washington	9	36	134	759	408	12470	93.1	10.7	3.7
Wayne	6	24	41	1147	505	24483	597.1	1.7	1.7
Colorado Plateau totals	104	420	786	13653	5858	205340	261.2	3.8	1.9
Unknown	2	8	1	145	202	4120	4120.0	0.2	0.1
Statewide totals*	236	953	1690	37928	14628	562430	332.8	3.0	1.8

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

**Total harvest numbers are from pelt check-in, while numbers of trappers afield and effort are determined from harvest survey.

Bobcat hunting harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Hunters afield	Hunt harvest**	Hunter-days afield	Hunter-days / bobcat	Bobcats / hunter
Beaver	2	8	18	16	0.9	2.3
Box Elder	5	20	5	497	99.4	0.3
Iron	2	8	11	145	13.2	1.4
Juab	3	12	15	214	14.3	1.3
Millard	7	28	7	109	15.6	0.3
Tooele	3	12	6	44	7.3	0.5
Great Basin totals	22	89	62	1025	16.5	0.7
Cache	3	12	7	28	4.0	0.6
Davis	0	0	—	—	—	—
Morgan	4	16	4	339	84.8	0.3
Piute	0	0	—	—	—	—
Rich	0	0	—	—	—	—
Salt Lake	0	0	—	—	—	—
Sanpete	3	12	15	105	7.0	1.3
Sevier	1	4	1	20	20.0	0.3
Summit	2	8	5	40	8.0	0.6
Utah	2	8	21	97	4.6	2.6
Wasatch	5	20	11	283	25.7	0.6
Weber	0	0	1	0	0.0	—
Rocky Mountain totals	20	81	65	912	14.0	0.8
Daggett	1	4	1	20	20.0	0.3
Duchesne	9	36	6	388	64.7	0.2
Uintah	3	12	6	121	20.2	0.5
Uintah Basin totals	13	53	13	529	40.7	0.2
Carbon	2	8	8	105	13.1	1.0
Emery	2	8	9	20	2.2	1.1
Garfield	2	8	7	32	4.6	0.9
Grand	1	4	1	16	16.0	0.3
Kane	2	8	6	36	6.0	0.8
San Juan	5	20	6	190	31.7	0.3
Washington	2	8	1	16	16.0	0.1
Wayne	0	0	1	0	0.0	—
Colorado Plateau totals	16	65	39	415	10.6	0.6
Unknown	1	4	1	20	20.0	0.3
Statewide totals*	45	182	180	2901	16.1	1.0

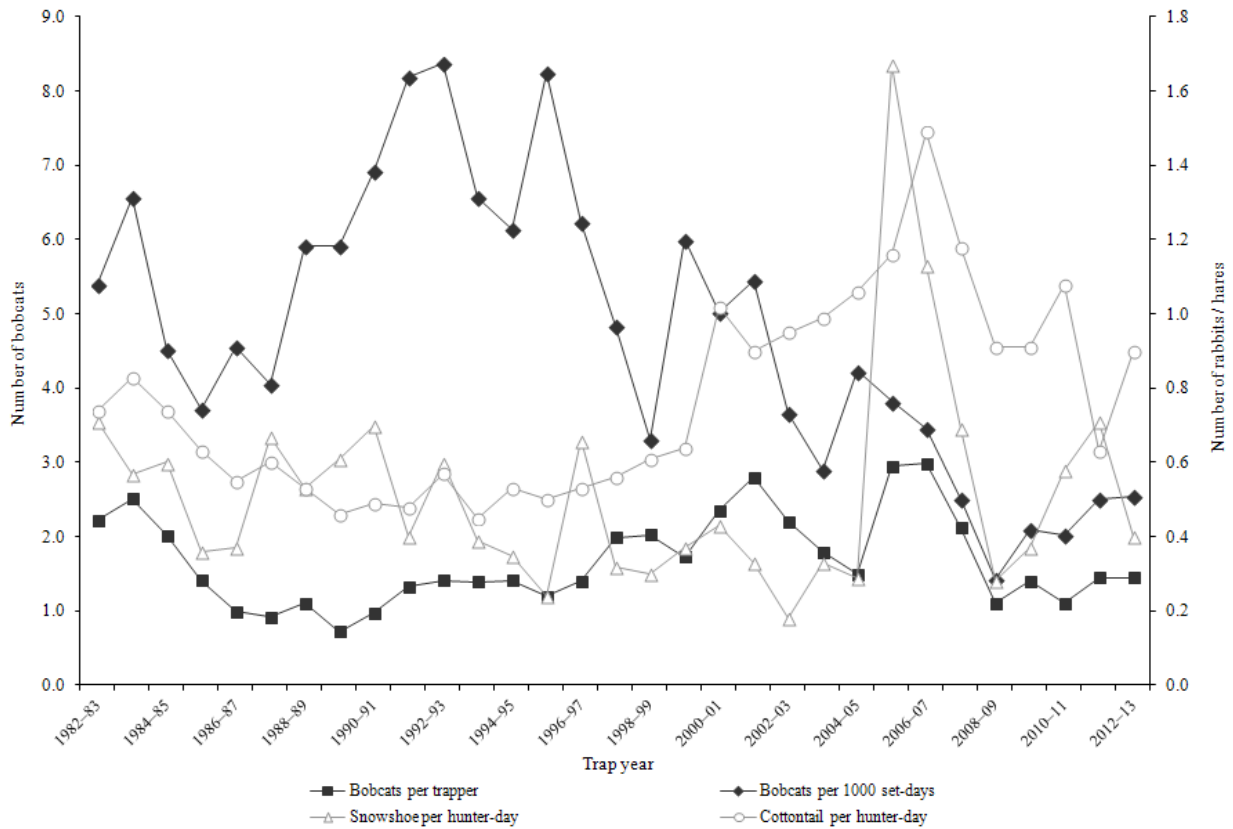
*Statewide totals for sample size and hunters afield are not totals of the columns because hunters hunted multiple counties.

**Total harvest numbers are from pelt check-in, while numbers of hunters afield and effort are determined from harvest survey.

Prey index

Lagomorph densities are generally considered to be a good indicator of bobcat recruitment and survival because high lagomorph populations provide an essential prey base for dispersing bobcats. When lagomorph populations are high or increasing, the bobcat population has also increased or at least remained stable. Thus, low populations of lagomorphs will reduce the likelihood of younger bobcats surviving to the next year. Cottontail rabbit and snowshoe hare data are taken from the Utah Upland Game Annual Report 2013–14 (2013–14 seasons).

Relationships in harvest statistics between bobcat and prey, Utah 1982–2014.



Population trends

Bobcat harvest age and sex ratios, Utah 1985–2014.

Trap year	Kittens / adult female	Kittens / adult	Male kittens / female kittens	Juveniles / adult	Juv. males / juv. females	Proportion juveniles in harvest	Proportion females in harvest	Males / females
1985–86	0.5	0.2	1.0	—	—	—	—	1.2
1986–87	0.7	0.3	0.9	—	—	—	—	1.1
1987–88	1.2	0.5	1.0	—	—	—	—	1.1
1988–89	1.1	0.4	1.1	—	—	—	—	1.3
1989–90	0.8	0.3	1.0	—	—	—	—	1.4
1990–91	0.8	0.3	0.6	—	—	—	—	1.2
1991–92	0.9	0.7	1.3	—	—	—	—	1.5
1992–93	0.9	1.0	1.2	—	—	—	—	1.4
1993–94	1.6	0.6	1.0	—	—	—	—	1.3
1994–95	0.6	0.6	1.1	0.6	1.1	0.36	0.44	1.3
1995–96	1.4	0.5	0.7	0.5	1.0	0.35	0.44	1.3
1996–97	1.9	0.7	1.1	0.7	1.1	0.41	0.41	1.4
1997–98	1.2	0.4	0.9	0.4	0.9	0.30	0.42	1.4
1998–99	2.1	0.8	1.1	—	—	—	—	1.3
1999–00	0.8	0.3	1.0	1.0	1.4	0.50	0.39	1.6
2000–01	0.7	0.3	1.1	0.9	1.3	0.47	0.39	1.6
2001–02	0.4	0.2	1.0	0.6	1.2	0.38	0.41	1.4
2002–03	0.4	0.2	0.9	0.4	1.0	0.28	0.45	1.2
2003–04	0.6	0.3	0.9	0.5	1.0	0.31	0.47	1.1
2004–05	0.8	0.3	0.8	1.2	1.1	0.55	0.44	1.3
2005–06	5.8	2.5	1.4	2.5	1.4	0.72	0.43	1.4
2006–07	4.1	1.5	1.4	1.5	1.4	0.60	0.43	1.3
2007–08	3.0	1.3	1.1	1.4	1.1	0.56	0.43	1.3
2008–09	0.4	0.2	0.8	0.7	1.0	0.42	0.45	1.2
2009–10	0.7	0.3	1.0	0.6	1.2	0.38	0.47	1.1
2010–11	0.6	0.2	1.1	0.5	1.2	0.31	0.43	1.4
2011–12	0.8	0.3	1.1	0.5	1.2	0.35	0.45	1.2
2012–13	0.6	0.3	0.9	0.5	0.9	0.35	0.48	1.1
2013–14	0.9	0.4	0.9	0.8	0.9	0.46	0.45	1.2
Average	1.2	0.6	1.0	0.8	1.1	0.42	0.44	1.3

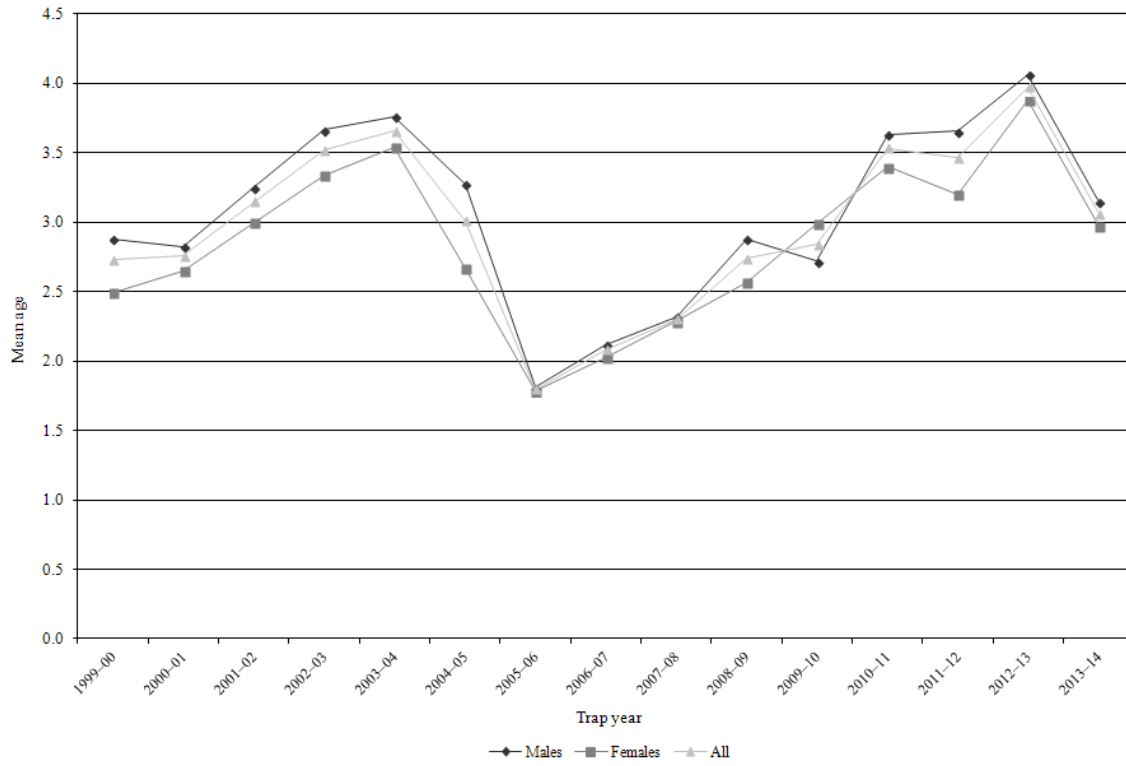
In annual reports prior to 2005–06, the "juvenile" age category referred only to kittens (age 0.5) while "adults" included all bobcats age 1.5 and older. Beginning with the 2005–06 annual report, the term "juvenile" now refers to kittens and yearlings (ages 0.5–1.5), while "adult" includes all bobcats age 2.5 and older.

Adult bobcat survival (from Chapman-Robson estimator), Utah 1985–2014.

Trap year	Survival (%)	95% confidence interval	Chi-square value, degrees of freedom
1985–86	63	60–65	13.2, 9df
1986–87	63	60–65	34.1, 9df
1987–88	65	61–68	19.9, 9df
1988–89	64	60–68	17.3, 8df
1989–90	67	63–71	19.4, 8df
1990–91	58	53–62	28.5, 12df
1991–92	58	55–60	47.9, 14df
1992–93	59	56–63	19.9, 12df
1993–94	54	52–57	34.2, 11df
1994–95	57	54–59	17.2, 14df
1995–96	64	61–66	40.0, 11df
1996–97	68	65–70	23.4, 12df
1997–98	71	69–74	19.1, 14df
1998–99	71	70–73	35.2, 13df
1999–00	66	64–68	41.0, 15df
2000–01	64	62–66	86.0, 11df
2001–02	65	63–67	87.3, 14df
2002–03	67	65–68	175.5, 13df
2003–04	71	70–72	245.6, 12df
2004–05	74	73–76	83.9, 15df
2005–06	68	65–70	15.7, 12df
2006–07	53	48–58	41.9, 9df
2007–08	58	54–62	63.6, 12df
2008–09	57	54–61	64.5, 14df
2009–10	59	56–62	60.1, 12df
2010–11	69	66–71	90.0, 13df
2011–12	70	66–73	22.7, 13df
2012–13	75	72–78	87.2, 11df
2013–14	70	66–74	52.8, 12df
Average	64	—	—

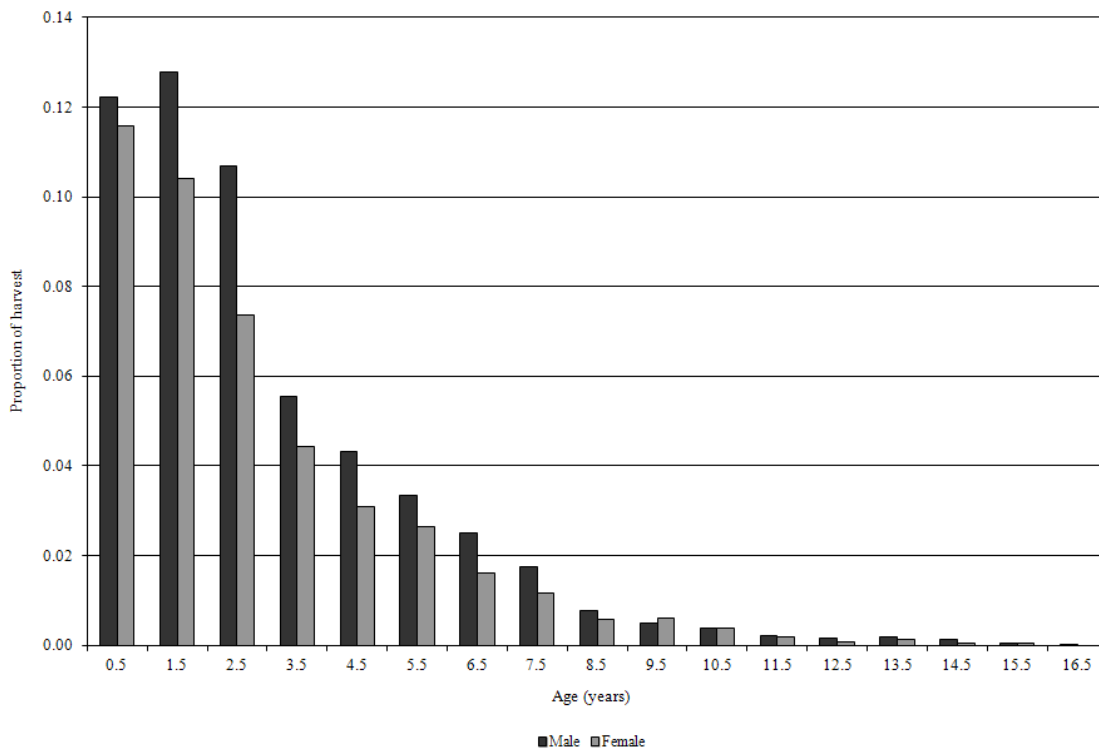
Age structure

Average age of harvested bobcats, Utah 1999–2014.

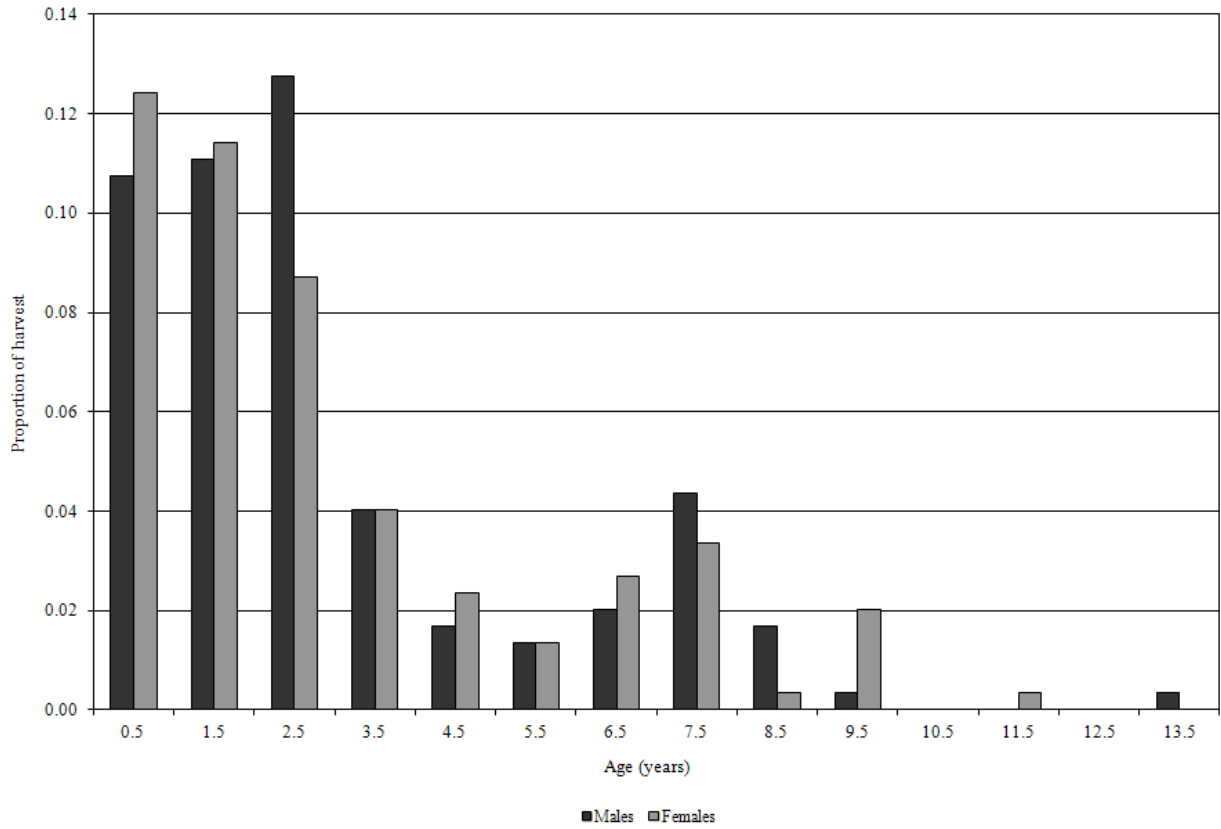


*Excludes age structure data from the 1998–99 trap season.

Average number of bobcats harvested by age category, Utah 2004–2014.



Age structure of harvested bobcats, Utah 2013–14.



COYOTE

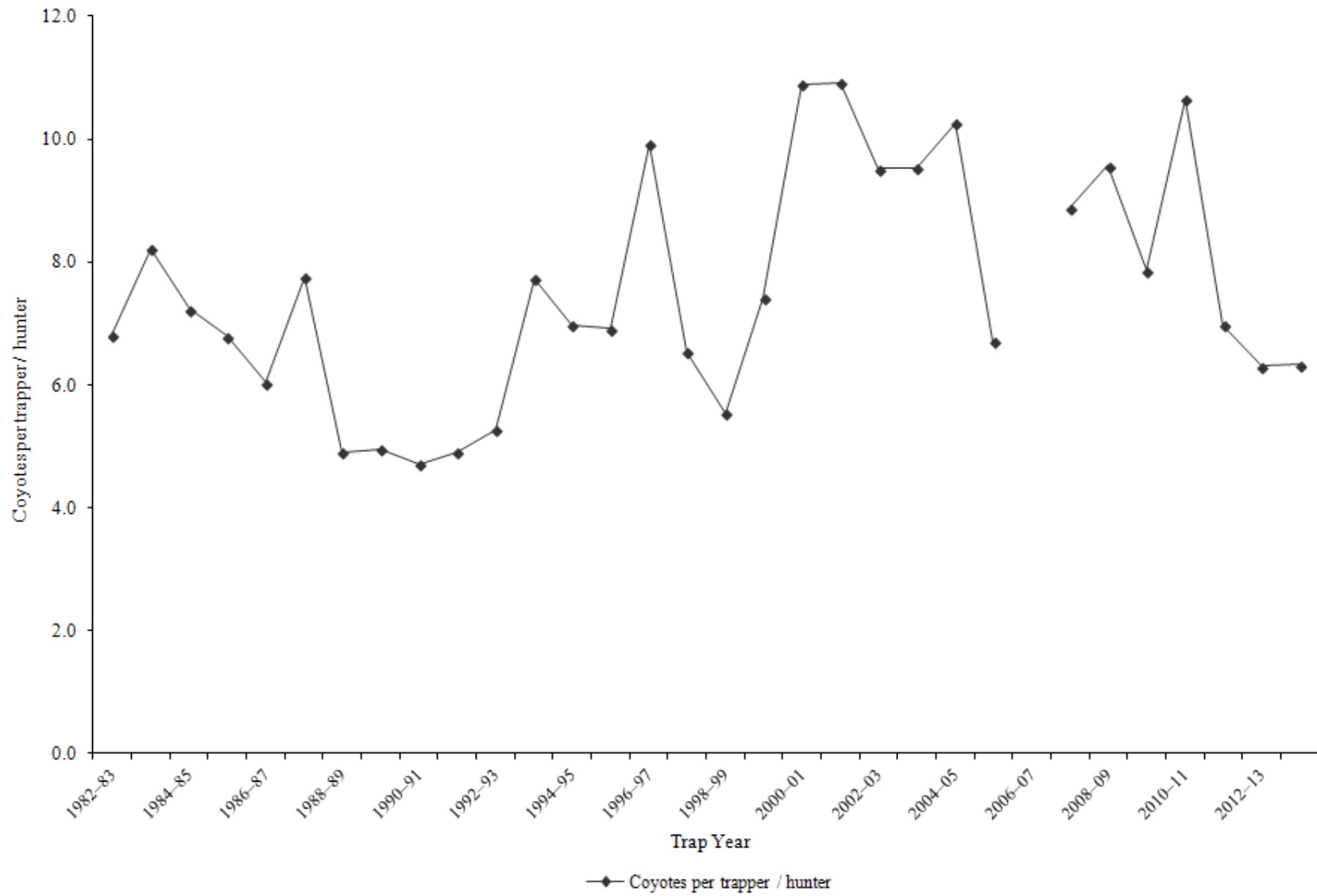
Statewide coyote harvest statistics, Utah 1982–2014.

Trap year	Trappers / hunters afield	Wildlife Services harvest	Incidental harvest	Trap harvest	Hunt harvest	Coyotes per trapper / hunter*	Pelt price (\$)
1982–83	841	4130	—	5738	—	6.8	35.42
1983–84	715	5063	—	5878	—	8.2	25.92
1984–85	828	5427	—	5991	—	7.2	32.35
1985–86	714	5045	—	4851	—	6.8	19.65
1986–87	819	4116	—	4947	—	6.0	33.64
1987–88	893	4338	—	6919	—	7.7	15.55
1988–89	652	4853	—	3200	—	4.9	8.47
1989–90	671	5168	—	3331	—	5.0	8.68
1990–91	389	4444	—	1831	—	4.7	11.41
1991–92	664	4347	—	3255	—	4.9	20.00
1992–93	695	4932	—	3666	—	5.3	15.75
1993–94	679	5827	—	5247	—	7.7	24.58
1994–95	754	3893	—	5267	—	7.0	12.51
1995–96	632	4165	—	4372	—	6.9	15.49
1996–97	405	4484	—	4017	—	9.9	18.73
1997–98	494	4169	—	3228	—	6.5	10.80
1998–99	782	3464	—	4337	—	5.5	10.80
1999–00	473	4534	—	3510	—	7.4	19.14
2000–01	456	4275	—	4966	—	10.9	14.39
2001–02	399	3874	—	4354	—	10.9	16.17
2002–03	572	3394	—	5446	—	9.5	32.62
2003–04	699	3897	—	6660	—	9.5	25.74
2004–05	699	4125	—	7173	—	10.3	20.10
2005–06	630	4820	328	1190	3039	6.7	30.45
2006–07	830	5041	—	—	—	—	26.37
2007–08	859	5618	821	4055	3582	8.9	21.74
2008–09	726	3909	1020	3963	2982	9.6	10.86
2009–10	781	3808	531	3188	2955	7.9	14.80
2010–11	736	4081	292	4356	3480	10.6	25.00
2011–12	705	3444	374	3054	1868	7.0	43.43
2012–13	881	3349	192	3269	2288	6.3	39.56
2013–14	864	2605	312	3162	2310	6.3	37.39
Average	686	4332	484	4336	2813	7.5	21.80

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trap harvest estimates included all harvest by both hunting and trapping.

*Coyotes per trapper / hunter does not include Wildlife Services harvest.

Statewide coyote harvest trends, Utah 1982–2014.



Coyote trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / coyote	Coyotes / 1000 set-days	Coyotes / trapper
Beaver	13	44	227	444	2154	22351	98.5	10.2	5.2
Box Elder	10	34	135	613	766	15388	113.6	8.8	4.0
Iron	11	37	193	384	1219	13725	71.1	14.1	5.2
Juab	10	34	78	325	986	6775	87.0	11.5	2.3
Millard	9	30	203	359	1321	17478	86.0	11.6	6.7
Tooele	15	51	298	633	2602	33457	112.2	8.9	5.9
Great Basin totals	68	230	1134	2759	9047	109175	96.2	10.4	4.9
Cache	7	24	68	210	627	6670	98.5	10.2	2.9
Davis	1	3	0	41	305	3658	—	0.0	0.0
Morgan	5	17	34	132	427	3540	104.5	9.6	2.0
Piute	6	20	139	291	444	6981	50.3	19.9	6.8
Rich	4	14	159	423	810	38547	242.1	4.1	11.8
Salt Lake	6	20	14	227	721	8211	606.0	1.7	0.7
Sanpete	5	17	20	173	552	5758	283.3	3.5	1.2
Sevier	5	17	91	240	915	12601	137.8	7.3	5.4
Summit	4	14	54	68	318	1165	21.5	46.5	4.0
Utah	18	61	115	640	1898	19196	166.7	6.0	1.9
Wasatch	2	7	20	264	139	8953	440.5	2.3	3.0
Weber	6	20	163	196	339	3167	19.5	51.3	8.0
Rocky Mountain totals	69	234	877	2906	7493	118446	135.0	7.4	3.8
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	4	14	71	220	559	12811	180.1	5.6	5.3
Uintah	11	37	139	386	1057	9257	66.7	15.0	3.7
Uintah Basin totals	15	51	210	606	1616	22068	105.1	9.5	4.1
Carbon	10	34	30	315	1226	12455	408.6	2.4	0.9
Emery	7	24	53	266	1265	23133	437.8	2.3	2.2
Garfield	7	24	207	495	1236	31224	151.1	6.6	8.7
Grand	4	14	71	318	552	13603	191.2	5.2	5.3
Kane	8	27	68	301	1101	14531	214.5	4.7	2.5
San Juan	14	47	183	1358	1612	61447	335.9	3.0	3.9
Washington	8	27	135	434	742	17797	131.4	7.6	5.0
Wayne	4	14	71	227	661	12550	176.4	5.7	5.3
Colorado Plateau totals	62	210	818	3714	8395	186740	228.2	4.4	3.9
Unknown	5	17	122	165	650	9476	77.7	12.9	7.2
Statewide totals*	187	633	3162	10150	27202	445905	141.0	7.1	5.0

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

Coyote hunting harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Hunters afield	Hunt harvest	Hunter-days afield	Hunter-days / coyote	Coyotes / hunter
Beaver	7	24	146	346	2.4	6.1
Box Elder	13	44	115	417	3.6	2.6
Iron	8	27	61	471	7.7	2.3
Juab	11	37	47	383	8.1	1.3
Millard	8	27	88	1409	16.0	3.3
Tooele	17	58	244	1481	6.1	4.2
Great Basin totals	64	217	701	4506	6.4	3.2
Cache	10	34	196	871	4.4	5.8
Davis	0	0	—	—	—	—
Morgan	4	14	37	58	1.5	2.8
Piute	4	14	81	176	2.2	6.0
Rich	6	20	102	234	2.3	5.0
Salt Lake	1	3	0	102	—	0.0
Sanpete	5	17	34	108	3.2	2.0
Sevier	1	3	14	47	3.5	4.0
Summit	5	17	190	156	0.8	11.2
Utah	12	41	24	251	10.6	0.6
Wasatch	1	3	10	7	0.7	3.0
Weber	3	10	3	176	52.0	0.3
Rocky Mountain totals	52	176	691	2185	3.2	3.9
Daggett	2	7	220	88	0.4	32.5
Duchesne	7	24	75	230	3.1	3.1
Uintah	9	30	213	716	3.4	7.0
Uintah Basin totals	18	61	508	1034	2.0	8.3
Carbon	3	10	7	44	6.5	0.7
Emery	3	10	20	572	28.2	2.0
Garfield	3	10	14	61	4.5	1.3
Grand	3	10	34	159	4.7	3.3
Kane	1	3	0	3	—	0.0
San Juan	12	41	278	762	2.7	6.8
Washington	5	17	41	240	5.9	2.4
Wayne	3	10	17	81	4.8	1.7
Colorado Plateau totals	33	112	410	1924	4.7	3.7
Unknown	2	7	0	119	—	0.0
Statewide totals*	113	383	2310	9768	4.2	6.0

*Statewide totals for sample size and hunters afield are not totals of the columns because hunters hunted multiple counties.

GRAY FOX

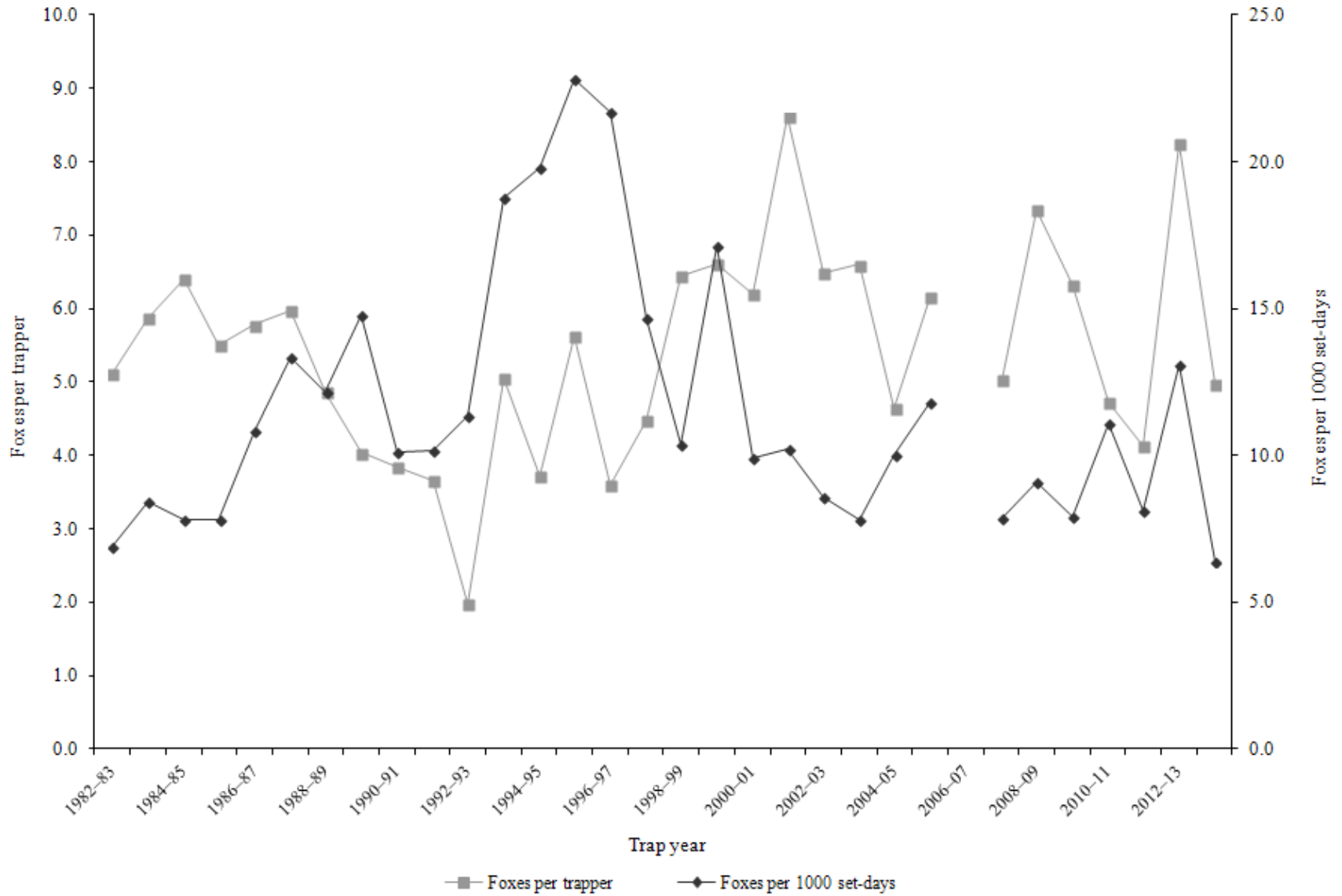
Statewide gray fox harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / fox	Fox / 1000 set-days	Fox / trapper	Pelt price (\$)
1982–83	263	—	1346	—	145	6.9	5.1	27.75
1983–84	233	—	1367	—	119	8.4	5.9	25.13
1984–85	305	—	1954	—	128	7.8	6.4	24.64
1985–86	256	—	1407	—	128	7.8	5.5	15.03
1986–87	252	—	1457	—	92	10.8	5.8	25.29
1987–88	273	—	1633	—	75	13.4	6.0	21.91
1988–89	226	—	1099	—	82	12.2	4.9	13.50
1989–90	233	—	941	—	68	14.8	4.0	6.19
1990–91	65	—	250	—	99	10.1	3.8	8.24
1991–92	110	—	402	—	98	10.2	3.7	6.87
1992–93	214	—	422	—	88	11.4	2.0	7.08
1993–94	136	—	687	—	53	18.8	5.1	12.00
1994–95	207	—	771	—	51	19.8	3.7	9.62
1995–96	147	—	828	—	44	22.8	5.6	10.65
1996–97	102	—	367	—	46	21.7	3.6	11.60
1997–98	87	—	389	—	68	14.7	4.5	7.76
1998–99	135	—	870	—	96	10.4	6.4	6.96
1999–00	140	—	925	—	58	17.1	6.6	6.62
2000–01	187	—	1159	—	101	9.9	6.2	8.00
2001–02	154	—	1326	—	98	10.2	8.6	11.58
2002–03	299	—	1942	—	116	8.6	6.5	12.47
2003–04	265	—	1749	—	128	7.8	6.6	10.84
2004–05	203	—	942	—	100	10.0	4.6	13.81
2005–06	98	—	603	—	85	11.8	6.2	24.15
2006–07	252	—	—	—	—	—	—	37.25
2007–08	217	—	1093	—	127	7.9	5.0	39.19
2008–09	238	—	1747	—	110	9.1	7.3	17.07
2009–10	163	361	1031	—	126	7.9	6.3	16.56
2010–11	138	292	651	—	90	11.1	4.7	20.97
2011–12	125	485	474	43	124	8.1	4.1	23.13
2012–13	130	216	1069	3	77	13.1	8.2	31.15
2013–14	172	462	843	13	155	6.4	5.0	24.18
Average	188	363	1024	20	96	11.6	5.4	16.79

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and fox per trapper include hunters and their harvest. Set-days per fox and fox per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide gray fox harvest trends, Utah 1982–2014.



Gray fox trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / fox	Fox / 1000 set-days	Fox / trapper
Beaver	6	20	67	162	708	5870	87.0	11.5	3.3
Box Elder	0	0	—	—	—	—	—	—	—
Iron	6	20	108	273	695	8484	78.6	12.7	5.3
Juab	0	0	—	—	—	—	—	—	—
Millard	1	3	30	34	101	1012	33.3	30.0	9.0
Tooele	1	3	0	57	304	5161	—	0.0	0.0
Great Basin totals	14	47	205	526	1808	20526	99.8	10.0	4.4
Cache	0	0	—	—	—	—	—	—	—
Davis	0	0	—	—	—	—	—	—	—
Morgan	1	3	0	3	10	10	—	0.0	0.0
Piute	0	0	—	—	—	—	—	—	—
Rich	0	0	—	—	—	—	—	—	—
Salt Lake	0	0	—	—	—	—	—	—	—
Sanpete	0	0	—	—	—	—	—	—	—
Sevier	0	0	—	—	—	—	—	—	—
Summit	0	0	—	—	—	—	—	—	—
Utah	0	0	—	—	—	—	—	—	—
Wasatch	0	0	—	—	—	—	—	—	—
Weber	1	3	3	3	10	10	3.0	333.3	1.0
Rocky Mountain totals	2	7	3	7	20	20	6.0	166.7	0.5
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	1	3	10	67	3	67	6.7	150.0	3.0
Uintah	2	7	37	118	607	11132	300.0	3.3	5.5
Uintah Basin totals	3	10	47	186	611	11199	237.1	4.2	4.7
Carbon	0	0	—	—	—	—	—	—	—
Emery	0	0	—	—	—	—	—	—	—
Garfield	6	20	135	412	810	17838	132.2	7.6	6.7
Grand	1	3	0	34	74	742	—	0.0	0.0
Kane	5	17	71	287	513	8835	124.7	8.0	4.2
San Juan	9	30	115	715	1449	47738	416.2	2.4	3.8
Washington	12	40	233	530	1208	20881	89.7	11.1	5.8
Wayne	1	3	27	40	219	2631	97.5	10.3	8.0
Colorado Plateau totals	34	115	581	2017	4272	98665	170.1	5.9	5.1
Unknown	1	3	7	67	20	405	60.0	16.7	2.0
Statewide totals*	50	169	843	2803	6731	130815	155.1	6.4	5.0

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

KIT FOX

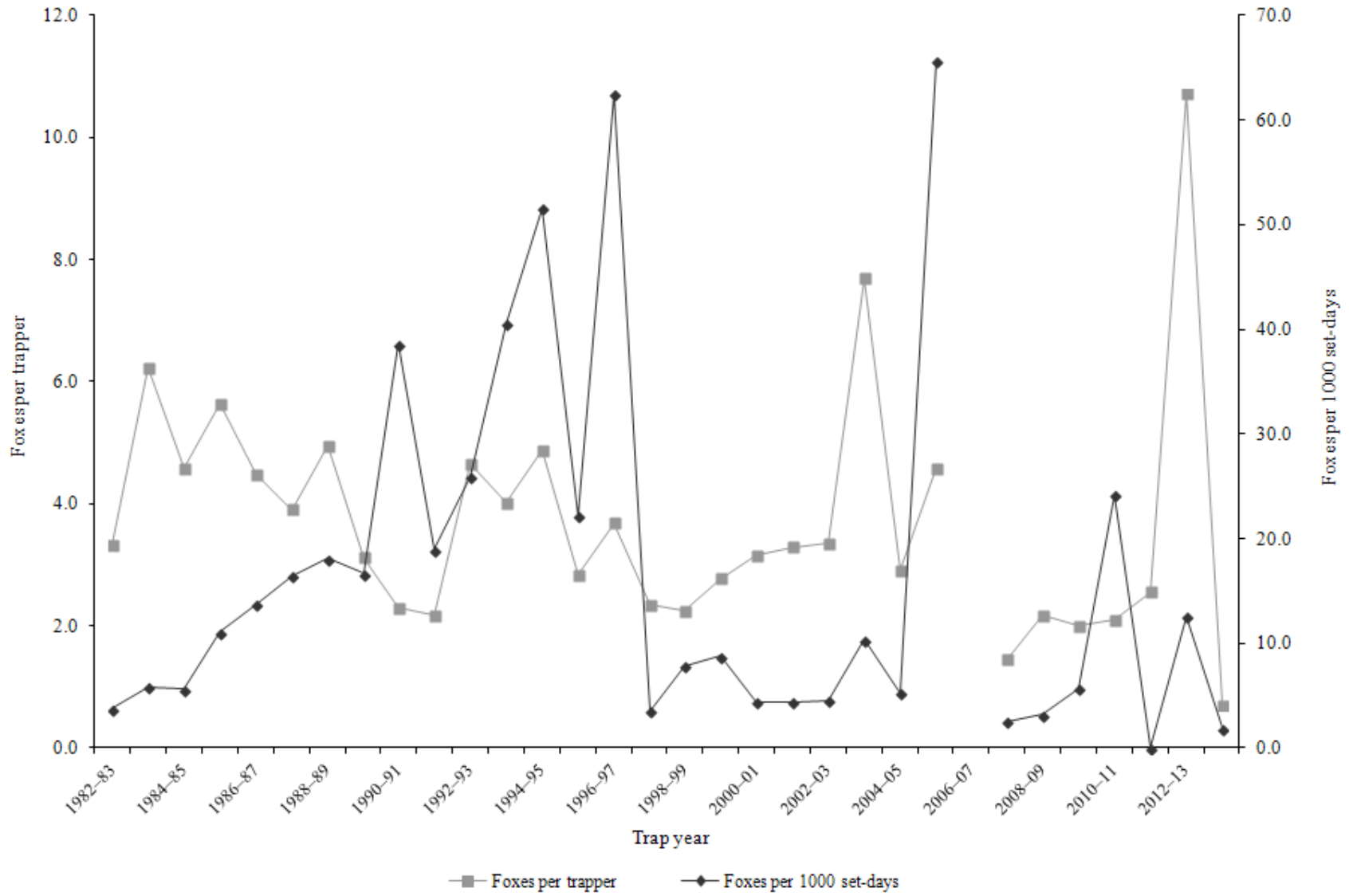
Statewide kit fox harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / fox	Fox / 1000 set-days	Fox / trapper	Pelt price (\$)
1982–83	109	—	363	—	267	3.7	3.3	11.39
1983–84	112	—	698	—	171	5.8	6.2	11.99
1984–85	142	—	651	—	178	5.6	4.6	11.17
1985–86	108	—	609	—	90	11.1	5.6	7.50
1986–87	122	—	547	—	73	13.7	4.5	9.90
1987–88	138	—	538	—	61	16.5	3.9	10.69
1988–89	130	—	643	—	55	18.1	4.9	6.98
1989–90	117	—	365	—	60	16.6	3.1	3.19
1990–91	81	—	186	—	26	38.6	2.3	4.67
1991–92	86	—	187	—	53	18.9	2.2	2.78
1992–93	41	—	191	—	39	25.9	4.7	4.30
1993–94	75	—	301	—	25	40.6	4.0	4.69
1994–95	109	—	531	—	19	51.6	4.9	6.45
1995–96	77	—	218	—	45	22.2	2.8	6.25
1996–97	44	—	162	—	16	62.5	3.7	6.77
1997–98	41	—	96	—	282	3.5	2.3	3.50
1998–99	75	—	168	—	128	7.8	2.2	7.31
1999–00	66	—	183	—	114	8.8	2.8	2.90
2000–01	51	—	161	—	227	4.4	3.2	6.13
2001–02	52	—	171	—	229	4.4	3.3	10.72
2002–03	90	—	302	—	221	4.5	3.4	5.44
2003–04	83	—	638	—	97	10.4	7.7	5.38
2004–05	89	—	259	—	191	5.2	2.9	8.98
2005–06	40	—	183	—	15	65.6	4.6	10.92
2006–07	65	—	—	—	—	—	—	10.50
2007–08	27	—	39	—	392	2.6	1.4	7.87
2008–09	48	—	104	—	314	3.2	2.2	7.61
2009–10	19	13	38	—	177	5.6	2.0	9.47
2010–11	20	3	42	—	41	24.2	2.1	12.68
2011–12	18	64	0	46	—	0.0	2.6	14.49
2012–13	31	41	315	17	80	12.6	10.7	14.37
2013–14	10	7	7	0	515	1.9	0.7	14.32
Average	72	26	287	21	140	16.7	3.7	8.17

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and fox per trapper include hunters and their harvest. Set-days per fox and fox per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide kit fox harvest trends, Utah 1982–2014.



MARTEN

Statewide marten harvest statistics, Utah 1982–1999.

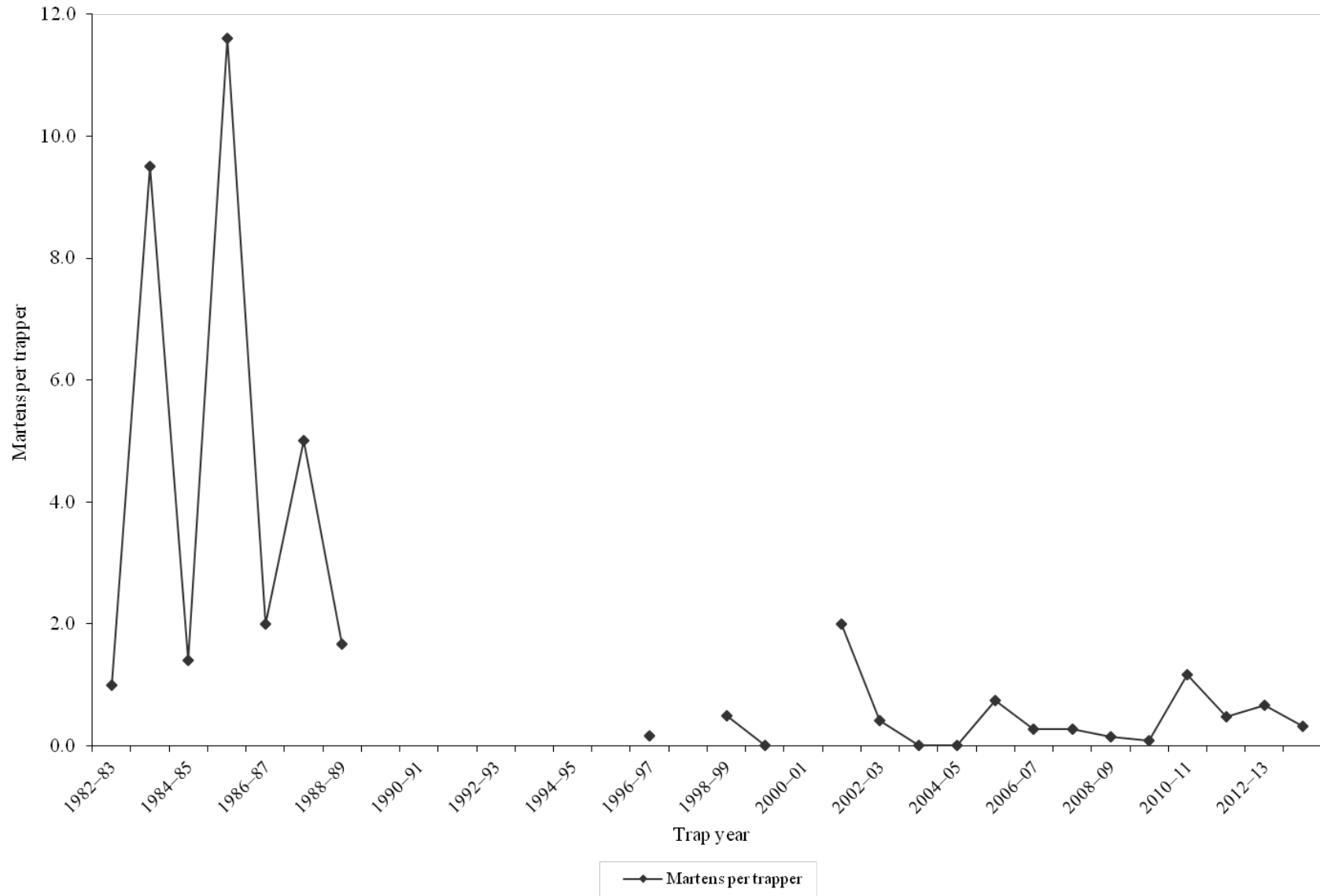
Trap year	Trappers afield	Trap / hunt harvest	Set-days	Set-days / marten	Martens / 1000 set-days	Martens / trapper	Pelt price (\$)
1982–83	1	1	6	6	166.7	1.0	10.00
1983–84	9	84	4704	56	17.9	9.5	20.00
1984–85	9	12	6516	543	1.8	1.4	24.00
1985–86	10	121	7381	61	16.4	11.6	23.00
1986–87	11	22	8558	389	2.6	2.0	25.68
1987–88	10	50	9750	195	5.1	5.0	40.00
1988–89	6	10	1210	121	8.3	1.7	31.00
1989–90	—	—	—	—	—	—	—
1990–91	—	—	—	—	—	—	—
1991–92	—	—	—	—	—	—	—
1992–93	—	—	—	—	—	—	—
1993–94	—	—	—	—	—	—	—
1994–95	—	—	—	—	—	—	—
1995–96	—	—	—	—	—	—	—
1996–97	13	2	—	—	—	0.2	20.00
1997–98	—	—	—	—	—	—	11.00
1998–99	12	6	1228	205	4.9	0.5	7.11
Average	9	34	4919	197	28.0	3.6	21.18

Statewide marten harvest statistics, Utah 1999–2014.

Trap year	Permits sold	Successful trappers	Male harvest	Female harvest	Unknown harvest	Total harvest	Success rate (%)*	Martens / trapper*
1999–00	5	0	0	0	0	0	0.0	0.0
2000–01	—	1	3	3	0	6	—	—
2001–02	11	2	16	6	0	22	18.2	2.0
2002–03	12	1	3	2	0	5	8.3	0.4
2003–04	18	0	0	0	0	0	0.0	0.0
2004–05	12	0	0	0	0	0	0.0	0.0
2005–06	16	2	7	4	1	12	12.5	0.8
2006–07	26	3	6	1	0	7	11.5	0.3
2007–08	22	4	7	14	0	21	18.2	1.0
2008–09	28	1	2	2	0	4	3.6	0.1
2009–10	25	1	2	0	0	2	4.0	0.1
2010–11	31	2	24	12	0	36	6.5	1.2
2011–12	29	3	7	3	4	14	10.3	0.5
2012–13	39	3	15	5	6	26	7.7	0.7
2013–14	51	6	13	3	0	16	11.8	0.3
Average	23	2	7	3	1	11	8.0	0.5

*Assumption: Every person who possessed a marten permit trapped or hunted.

Statewide marten harvest trends, Utah 1982–2014.



MINK

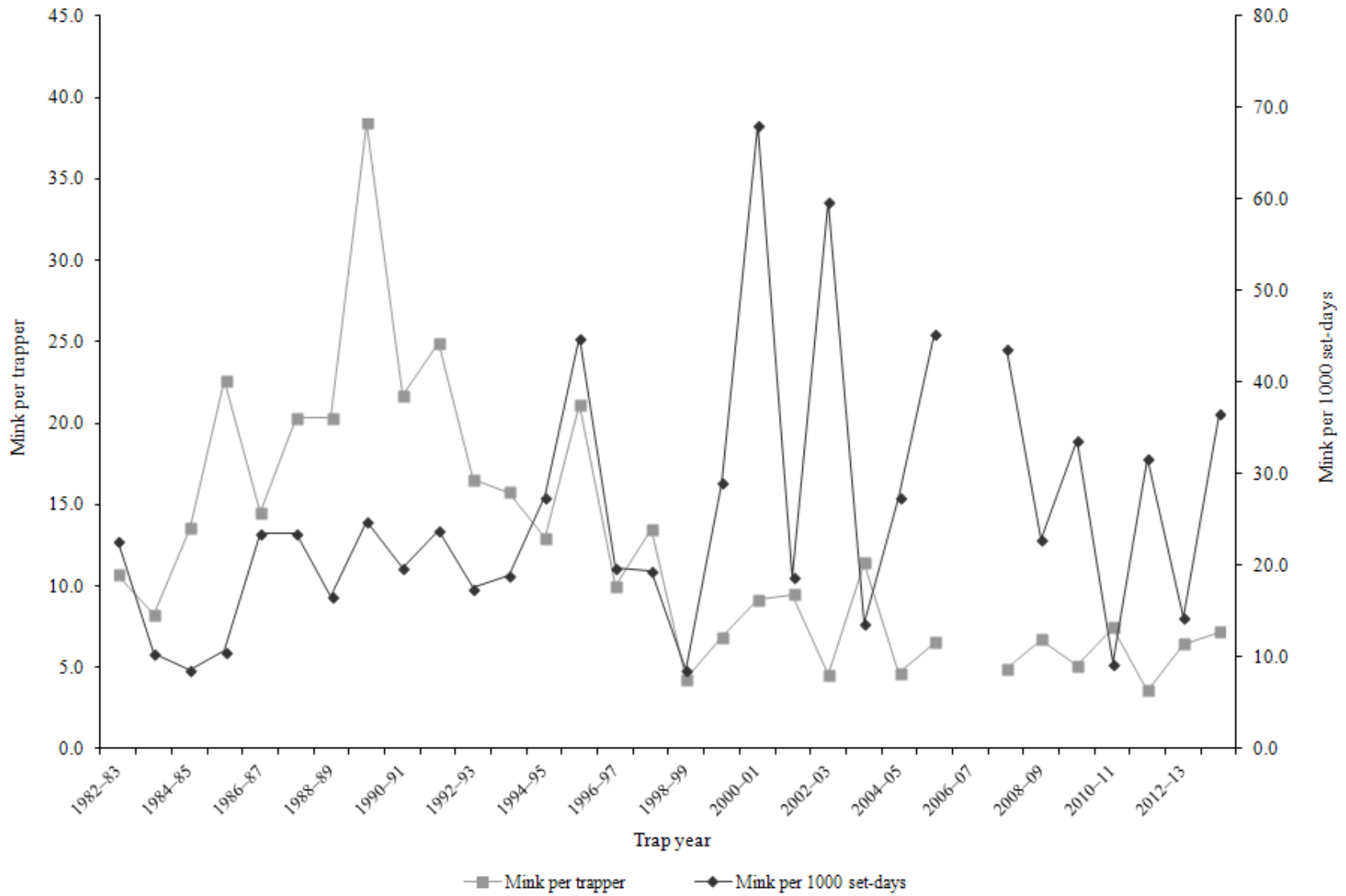
Statewide mink harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / mink	Mink / 1000 set-days	Mink / trapper	Pelt price (\$)
1982–83	38	—	405	—	44	22.7	10.7	10.85
1983–84	46	—	379	—	95	10.5	8.2	9.13
1984–85	40	—	542	—	117	8.6	13.6	10.27
1985–86	37	—	837	—	94	10.7	22.6	6.00
1986–87	57	—	828	—	42	23.6	14.5	10.63
1987–88	51	—	1037	—	42	23.6	20.3	12.25
1988–89	42	—	854	—	60	16.6	20.3	10.69
1989–90	29	—	1114	—	40	24.8	38.4	6.30
1990–91	25	—	543	—	50	19.8	21.7	6.33
1991–92	29	—	723	—	42	23.9	24.9	6.81
1992–93	23	—	380	—	57	17.6	16.5	7.50
1993–94	30	—	472	—	53	18.9	15.7	8.41
1994–95	27	—	350	—	36	27.6	13.0	8.38
1995–96	25	—	529	—	22	45.0	21.2	10.40
1996–97	27	—	269	—	50	19.8	10.0	10.95
1997–98	25	—	337	—	51	19.4	13.5	5.81
1998–99	81	—	345	—	116	8.6	4.3	7.11
1999–00	61	—	419	—	34	29.1	6.9	6.07
2000–01	51	—	468	—	15	68.1	9.2	4.92
2001–02	30	—	284	—	53	18.8	9.5	5.20
2002–03	59	—	268	—	17	59.8	4.5	2.07
2003–04	59	—	673	—	73	13.7	11.4	8.00
2004–05	68	—	317	—	36	27.5	4.7	8.98
2005–06	34	—	222	—	22	45.4	6.5	9.97
2006–07	65	—	—	—	—	—	—	7.94
2007–08	38	—	186	—	23	43.7	4.9	9.33
2008–09	36	—	242	—	44	22.9	6.7	5.96
2009–10	66	57	338	—	30	33.7	5.1	8.00
2010–11	65	151	485	—	107	9.4	7.5	11.27
2011–12	43	61	153	7	31	31.8	3.6	15.08
2012–13	110	147	706	14	70	14.4	6.4	19.18
2013–14	115	186	826	0	27	36.6	7.2	16.21
Average	48	120	501	7	51	25.7	12.4	8.94

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and mink per trapper include hunters and their harvest. Set-days per mink and mink per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide mink harvest trends, Utah 1982–2014.



Mink trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / mink	Mink / 1000 set-days	Mink / trapper
Beaver	0	0	—	—	—	—	—	—	—
Box Elder	0	0	—	—	—	—	—	—	—
Iron	0	0	—	—	—	—	—	—	—
Juab	0	0	—	—	—	—	—	—	—
Millard	0	0	—	—	—	—	—	—	—
Tooele	0	0	—	—	—	—	—	—	—
Great Basin totals	0	0	—	—	—	—	—	—	—
Cache	7	24	341	84	489	2290	6.7	148.7	14.4
Davis	0	0	—	—	—	—	—	—	—
Morgan	3	10	209	135	213	3593	17.2	58.2	20.7
Piute	0	0	—	—	—	—	—	—	—
Rich	1	3	24	40	337	4048	171.4	5.8	7.0
Salt Lake	1	3	7	13	101	405	60.0	16.7	2.0
Sanpete	0	0	—	—	—	—	—	—	—
Sevier	0	0	—	—	—	—	—	—	—
Summit	2	7	17	61	47	486	28.8	34.7	2.5
Utah	8	27	159	155	850	5792	36.5	27.4	5.9
Wasatch	2	7	7	44	125	1424	211.0	4.7	1.0
Weber	4	13	3	88	105	580	172.0	5.8	0.3
Rocky Mountain totals	28	94	767	621	2267	18617	24.3	41.1	8.1
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	2	7	13	20	47	142	10.5	95.2	2.0
Uintah	4	13	47	67	533	3650	77.3	12.9	3.5
Uintah Basin totals	6	20	60	88	580	3792	62.4	16.0	3.0
Carbon	1	3	0	10	47	142	—	0.0	0.0
Emery	0	0	—	—	—	—	—	—	—
Garfield	0	0	—	—	—	—	—	—	—
Grand	0	0	—	—	—	—	—	—	—
Kane	0	0	—	—	—	—	—	—	—
San Juan	0	0	—	—	—	—	—	—	—
Washington	0	0	—	—	—	—	—	—	—
Wayne	0	0	—	—	—	—	—	—	—
Colorado Plateau totals	1	3	0	10	47	142	—	0.0	0.0
Unknown	0	0	—	—	—	—	—	—	—
Statewide totals*	34	115	826	719	2894	22550	27.3	36.6	7.2

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

MUSKRAT

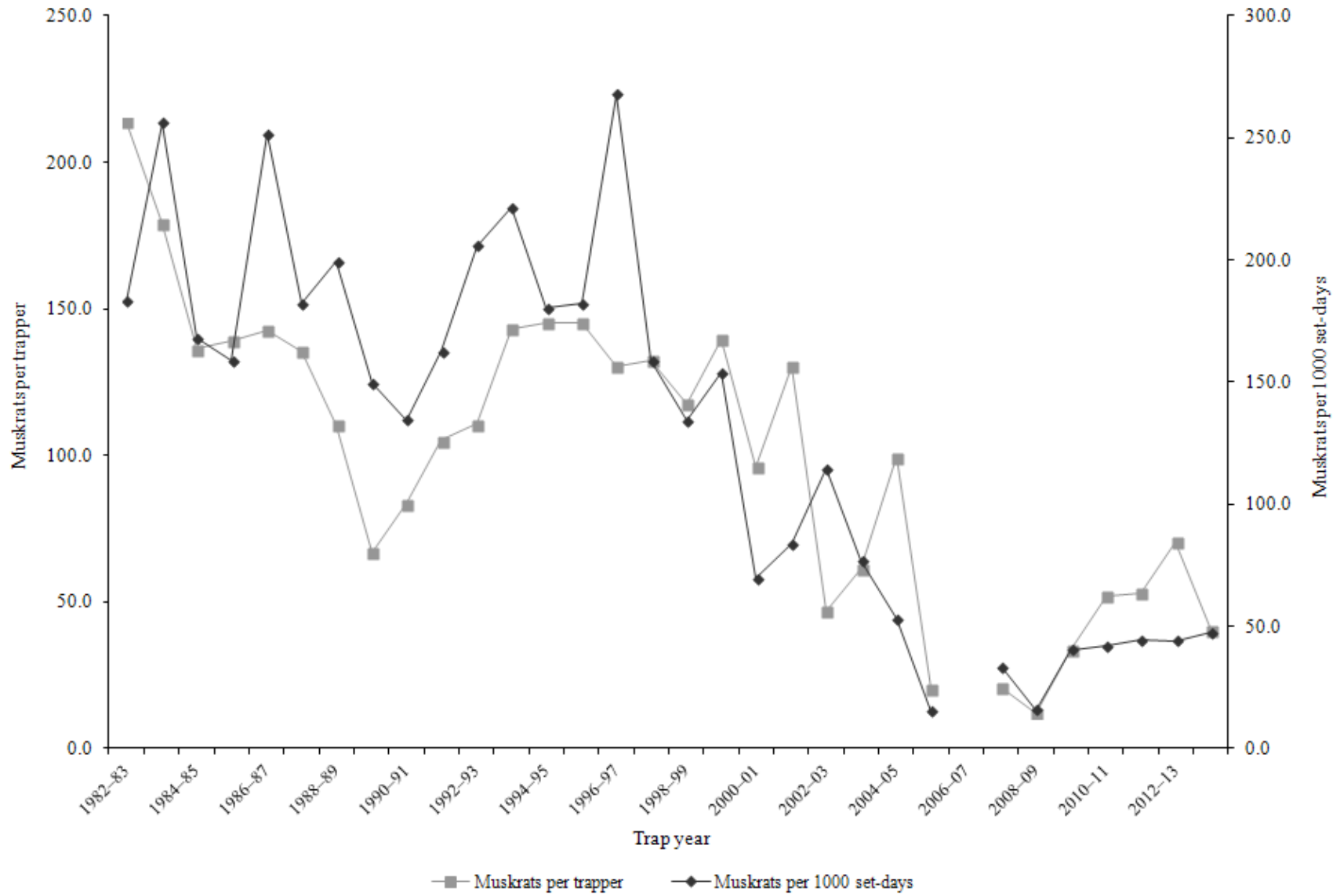
Statewide muskrat harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / muskrat	Musk rats / 1000 set-days	Musk rats / trapper	Pelt price (\$)
1982–83	258	—	55137	—	5	183.1	213.7	2.16
1983–84	309	—	55298	—	4	256.2	179.0	2.46
1984–85	400	—	54526	—	6	168.1	136.3	2.45
1985–86	282	—	39195	—	6	158.9	139.0	1.86
1986–87	416	—	59368	—	4	251.7	142.7	2.66
1987–88	432	—	58560	—	5	182.2	135.6	2.46
1988–89	303	—	33400	—	5	199.4	110.2	1.40
1989–90	253	—	16898	—	7	149.6	66.8	0.89
1990–91	85	—	7102	—	7	134.6	83.6	0.91
1991–92	186	—	19547	—	6	162.7	105.1	1.60
1992–93	105	—	11623	—	5	205.9	110.7	1.18
1993–94	157	—	22488	—	5	221.5	143.2	1.89
1994–95	195	—	28369	—	6	180.5	145.5	1.74
1995–96	181	—	26260	—	5	182.2	145.1	2.09
1996–97	179	—	23371	—	4	267.9	130.6	3.59
1997–98	203	—	26907	—	6	158.7	132.5	2.01
1998–99	186	—	21895	—	7	134.1	117.7	1.73
1999–00	151	—	21086	—	7	153.7	139.6	1.00
2000–01	108	—	10376	—	14	69.8	96.1	1.58
2001–02	115	—	14979	—	12	84.0	130.3	2.60
2002–03	135	—	6334	—	9	114.6	46.9	1.59
2003–04	176	—	10777	—	13	77.0	61.2	1.57
2004–05	151	—	15016	—	19	53.1	99.4	1.57
2005–06	41	0	824	—	66	15.3	20.1	3.97
2006–07	81	—	—	—	—	—	—	3.31
2007–08	80	110	1665	—	30	33.3	20.9	3.04
2008–09	98	137	1198	—	63	15.9	12.2	2.49
2009–10	158	164	5341	—	25	40.5	33.8	4.93
2010–11	141	337	7361	—	24	42.2	52.2	5.40
2011–12	150	281	7985	—	23	44.4	53.2	7.28
2012–13	192	117	13534	3	23	44.2	70.5	8.11
2013–14	213	159	8605	0	21	47.5	40.4	8.73
Average	191	163	22098	2	14	130.1	100.5	2.82

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and muskrat per trapper include hunters and their harvest. Set-days per muskrat and muskrat per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide muskrat harvest trends, Utah 1982–2014.



Muskrat harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / muskrat	Musk rats / 1000 set-days	Musk rats / trapper
Beaver	0	0	—	—	—	—	—	—	—
Box Elder	3	10	364	169	240	3846	10.6	94.7	36.0
Iron	0	0	—	—	—	—	—	—	—
Juab	2	7	47	61	67	445	9.4	106.1	7.0
Millard	0	0	—	—	—	—	—	—	—
Tooele	0	0	—	—	—	—	—	—	—
Great Basin totals	5	17	411	229	307	4291	10.4	95.9	24.4
Cache	12	40	1805	847	1113	31928	17.7	56.5	44.6
Davis	1	3	0	337	84	8433	—	0.0	0.0
Morgan	2	7	810	202	374	11233	13.9	72.1	120.0
Piute	2	7	125	135	108	1889	15.1	66.1	18.5
Rich	3	10	513	236	385	18907	36.9	27.1	50.7
Salt Lake	3	10	179	138	506	6679	37.4	26.8	17.7
Sanpete	1	3	27	61	101	1822	67.5	14.8	8.0
Sevier	0	0	—	—	—	—	—	—	—
Summit	3	10	337	132	165	2736	8.1	123.3	33.3
Utah	16	54	2651	1390	2047	60539	22.8	43.8	49.1
Wasatch	2	7	266	118	101	2277	8.5	117.0	39.5
Weber	7	24	1231	611	668	21818	17.7	56.4	52.1
Rocky Mountain totals	52	175	7944	4206	5653	168261	21.2	47.2	45.3
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	3	10	84	121	236	5245	62.2	16.1	8.3
Uintah	4	13	128	81	398	3157	24.6	40.6	9.5
Uintah Basin totals	7	24	212	202	634	8403	39.5	25.3	9.0
Carbon	0	0	—	—	—	—	—	—	—
Emery	1	3	13	10	10	30	2.3	444.4	4.0
Garfield	0	0	—	—	—	—	—	—	—
Grand	0	0	—	—	—	—	—	—	—
Kane	0	0	—	—	—	—	—	—	—
San Juan	0	0	—	—	—	—	—	—	—
Washington	0	0	—	—	—	—	—	—	—
Wayne	0	0	—	—	—	—	—	—	—
Colorado Plateau totals	1	3	13	10	10	30	2.3	444.4	4.0
Unknown	1	3	24	34	24	236	10.0	100.0	7.0
Statewide totals*	63	213	8605	4682	6628	181222	21.1	47.5	40.5

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

RACCOON

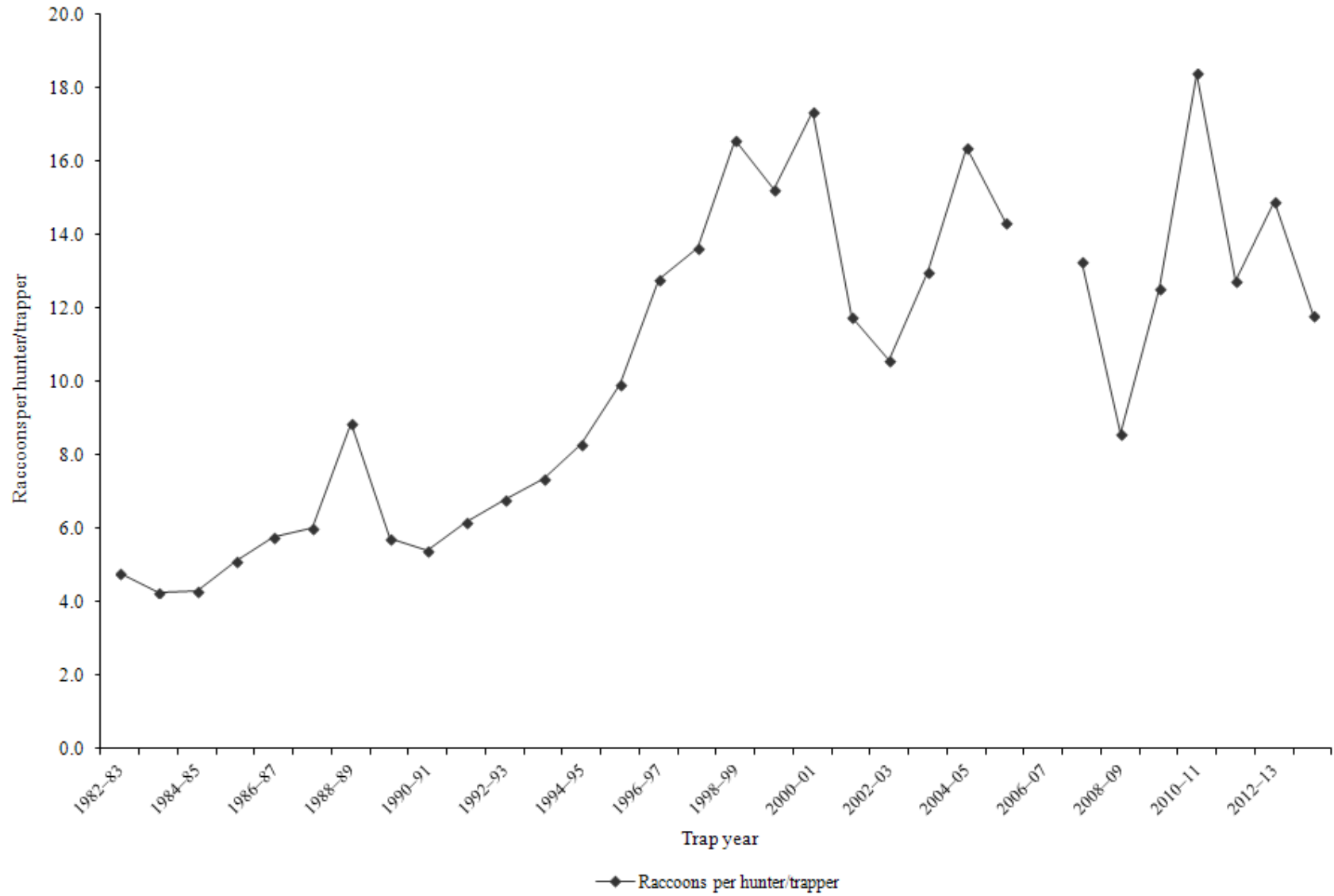
Statewide raccoon harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / raccoon	Raccoons / 1000 set-days	Raccoons / trapper	Pelt price (\$)
1982–83	178	—	853	—	19	51.3	4.8	12.34
1983–84	192	—	822	—	40	25.0	4.3	13.51
1984–85	329	—	1417	—	47	21.2	4.3	12.85
1985–86	290	—	1485	—	49	20.5	5.1	9.26
1986–87	418	—	2412	—	39	25.5	5.8	12.62
1987–88	434	—	2619	—	41	24.3	6.0	9.41
1988–89	350	—	3104	—	14	71.9	8.9	7.71
1989–90	430	—	2464	—	17	58.8	5.7	5.78
1990–91	214	—	1156	—	18	54.3	5.4	4.65
1991–92	368	—	2273	—	20	50.3	6.2	4.72
1992–93	272	—	1851	—	17	59.5	6.8	2.57
1993–94	306	—	2259	—	19	53.4	7.4	6.98
1994–95	364	—	3025	—	23	43.8	8.3	6.06
1995–96	293	—	2914	—	10	100.1	9.9	8.07
1996–97	330	—	4228	—	13	77.2	12.8	13.35
1997–98	365	—	4989	—	29	34.5	13.7	9.98
1998–99	468	—	7765	—	22	45.5	16.6	4.95
1999–00	349	—	5317	—	34	29.8	15.2	5.67
2000–01	327	—	5678	—	29	34.8	17.4	5.16
2001–02	321	—	3785	—	32	31.2	11.8	8.04
2002–03	378	—	4001	—	26	38.4	10.6	5.62
2003–04	434	—	5634	—	37	26.8	13.0	10.63
2004–05	391	—	6405	—	35	28.4	16.4	6.54
2005–06	230	—	1761	1537	246	4.1	14.3	9.83
2006–07	325	—	—	—	—	—	—	7.18
2007–08	300	—	2414	1576	50	19.8	13.3	10.85
2008–09	275	—	1639	729	58	17.4	8.6	6.21
2009–10	349	633	3439	946	39	25.9	12.6	7.09
2010–11	292	571	3958	1417	28	36.0	18.4	8.17
2011–12	289	453	3168	520	34	29.6	12.8	7.77
2012–13	377	614	4048	1577	35	28.4	14.9	14.08
2013–14	374	1066	4031	385	48	21.0	11.8	9.50
Average	332	667	3255	1086	38	38.3	10.4	8.35

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included all harvest by hunters and trappers.

*Trappers and raccoons per trapper include hunters and their harvest. Set-days per raccoon and raccoons per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide raccoon harvest trends, Utah 1982–2014.



Raccoon trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / raccoon	Raccoons / 1000 set-days	Raccoons / trapper
Beaver	1	3	7	34	101	1012	150.0	6.7	2.0
Box Elder	8	27	320	287	749	10363	32.3	30.9	11.9
Iron	0	0	—	—	—	—	—	—	—
Juab	2	7	81	71	320	3829	47.3	21.1	12.0
Millard	1	3	3	40	152	1822	540.0	1.9	1.0
Tooele	3	10	27	37	40	132	4.9	205.1	2.7
Great Basin totals	15	51	438	469	1363	17156	39.1	25.6	8.7
Cache	10	34	182	270	509	11314	62.1	16.1	5.4
Davis	0	0	—	—	—	—	—	—	—
Morgan	0	0	—	—	—	—	—	—	—
Piute	5	17	152	93	654	4441	29.3	34.2	9.0
Rich	2	7	51	84	169	2193	43.3	23.1	7.5
Salt Lake	1	3	74	51	405	6072	81.8	12.2	22.0
Sanpete	2	7	20	37	54	310	15.3	65.2	3.0
Sevier	5	17	115	78	607	1670	14.6	68.7	6.8
Summit	2	7	51	51	125	1285	25.4	39.4	7.5
Utah	12	40	368	307	1349	9273	25.2	39.7	9.1
Wasatch	19	64	951	1380	2695	83080	87.3	11.4	14.8
Weber	0	0	—	—	—	—	—	—	—
Rocky Mountain totals	58	196	1964	2350	6568	119639	60.9	16.4	10.0
Daggett	1	3	7	34	24	236	35.0	28.6	2.0
Duchesne	6	20	152	159	877	7826	51.6	19.4	7.5
Uintah	2	7	40	17	219	826	20.4	49.0	6.0
Uintah Basin totals	9	30	199	209	1120	8889	44.7	22.4	6.6
Carbon	5	17	115	98	891	4635	40.4	24.7	6.8
Emery	5	17	121	115	320	2796	23.0	43.4	7.2
Garfield	5	17	607	131	2184	23217	38.2	26.2	36.0
Grand	1	3	37	13	489	1957	52.7	19.0	11.0
Kane	1	3	13	7	10	20	1.5	666.7	4.0
San Juan	7	24	108	105	597	2506	23.2	43.1	4.6
Washington	2	7	10	27	27	94	9.3	107.1	1.5
Wayne	1	3	10	13	34	135	13.3	75.0	3.0
Colorado Plateau totals	27	91	1021	509	4552	35360	34.6	28.9	11.2
Unknown	11	37	408	374	1245	10771	26.4	37.9	11.0
Statewide totals*	105	354	4031	3910	14847	191815	47.6	21.0	11.4

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

RED FOX

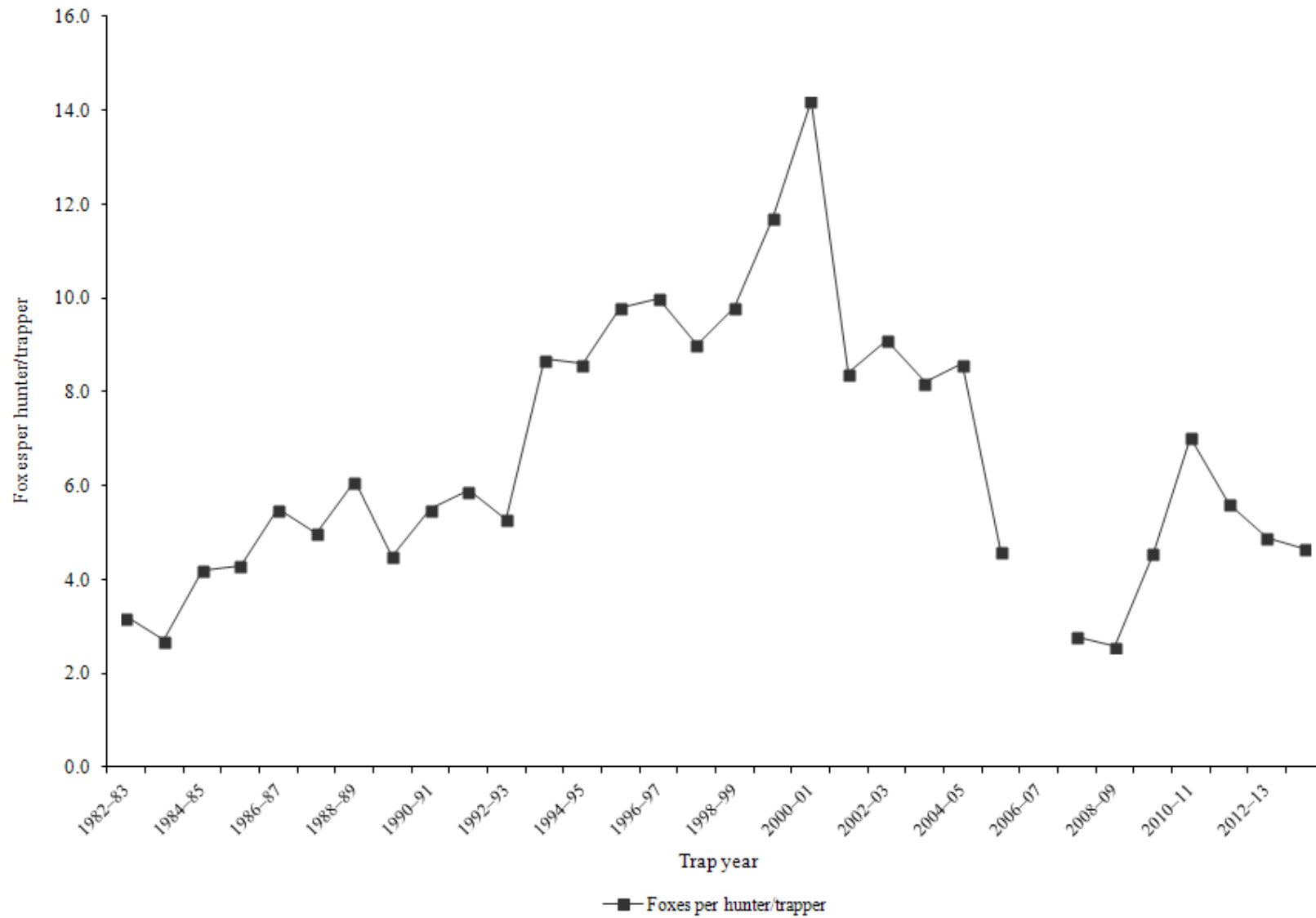
Statewide red fox harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / fox	Fox / 1000 set-days	Fox / trapper	Pelt price (\$)
1982–83	172	—	544	—	128	7.8	3.2	30.13
1983–84	191	—	523	—	134	7.5	2.7	28.43
1984–85	298	—	1244	—	116	8.7	4.2	25.90
1985–86	316	—	1351	—	74	13.6	4.3	15.83
1986–87	444	—	2446	—	59	17.1	5.5	20.14
1987–88	506	—	2545	—	50	20.2	5.0	13.66
1988–89	398	—	2446	—	34	29.2	6.1	6.57
1989–90	496	—	2250	—	40	25.3	4.5	7.80
1990–91	365	—	1993	—	25	40.0	5.5	6.34
1991–92	623	—	3663	—	28	35.4	5.9	10.70
1992–93	594	—	3126	—	27	37.5	5.3	10.12
1993–94	578	—	5055	—	26	38.9	8.7	14.74
1994–95	509	—	4378	—	36	28.0	8.6	15.34
1995–96	421	—	4115	—	26	38.7	9.8	18.08
1996–97	427	—	4274	—	27	36.8	10.0	17.48
1997–98	414	—	3744	—	32	31.5	9.0	11.31
1998–99	570	—	5600	—	34	29.5	9.8	8.95
1999–00	420	—	4900	—	44	22.7	11.7	14.19
2000–01	375	—	5330	—	52	19.1	14.2	16.92
2001–02	379	—	3192	—	59	16.9	8.4	24.48
2002–03	482	—	4399	—	76	13.1	9.1	28.19
2003–04	568	—	4639	—	71	14.1	8.2	18.07
2004–05	545	—	4674	—	102	9.8	8.6	18.86
2005–06	406	—	1874	—	196	5.1	4.6	24.35
2006–07	496	—	—	—	—	—	—	20.49
2007–08	407	—	1130	—	174	5.7	2.8	21.42
2008–09	339	—	872	—	261	3.8	2.6	17.98
2009–10	461	557	1908	192	102	9.8	4.6	16.32
2010–11	376	216	2435	213	84	12.0	7.0	22.62
2011–12	335	388	1757	128	84	11.9	5.6	42.47
2012–13	380	195	1690	171	83	12.1	4.9	43.50
2013–14	428	519	1934	64	154	6.5	4.7	40.39
Average	429	375	2904	154	79	19.6	6.6	19.74

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and fox per trapper include hunters and their harvest. Set-days per fox and fox per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide red fox harvest trends, Utah 1982–2014.



Red fox trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / fox	Fox / 1000 set-days	Fox / trapper
Beaver	5	17	17	98	260	2071	122.8	8.1	1.0
Box Elder	3	10	10	111	344	4341	429.0	2.3	1.0
Iron	8	27	79	253	826	11021	140.0	7.1	2.9
Juab	3	10	17	57	351	1781	105.6	9.5	1.7
Millard	4	13	47	142	513	5819	123.2	8.1	3.5
Tooele	4	13	47	67	607	3036	64.3	15.6	3.5
Great Basin totals	27	91	217	729	2901	28069	129.3	7.7	2.4
Cache	5	17	17	128	196	1845	109.4	9.1	1.0
Davis	5	17	300	148	756	7360	24.5	40.8	17.8
Morgan	3	10	47	91	344	3623	76.7	13.0	4.7
Piute	3	10	61	78	202	1771	29.2	34.3	6.0
Rich	1	3	34	47	189	2645	78.4	12.8	10.0
Salt Lake	4	13	71	283	462	12883	181.9	5.5	5.3
Sanpete	2	7	24	84	88	1164	49.3	20.3	3.5
Sevier	4	13	135	172	631	12822	95.0	10.5	10.0
Summit	0	0	—	—	—	—	—	—	—
Utah	13	44	229	1046	1262	63084	275.0	3.6	5.2
Wasatch	2	7	10	84	135	2446	241.7	4.1	1.5
Weber	7	24	138	229	833	10973	79.3	12.6	5.9
Rocky Mountain totals	49	165	1066	2392	5097	120615	113.2	8.8	6.4
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	3	10	57	121	64	621	10.8	92.4	5.7
Uintah	9	30	105	270	1336	14957	143.0	7.0	3.4
Uintah Basin totals	12	40	162	391	1400	15578	96.2	10.4	4.0
Carbon	5	17	57	250	813	13082	228.1	4.4	3.4
Emery	4	13	105	199	519	12434	118.9	8.4	7.8
Garfield	8	27	145	337	1481	15733	108.5	9.2	5.4
Grand	2	7	27	135	135	2699	100.0	10.0	4.0
Kane	3	10	7	128	385	4412	654.0	1.5	0.7
San Juan	10	34	108	651	2017	77009	713.4	1.4	3.2
Washington	1	3	3	20	125	749	222.0	4.5	1.0
Wayne	1	3	24	67	202	4048	171.4	5.8	7.0
Colorado Plateau totals	34	115	476	1788	5677	130165	273.7	3.7	4.1
Unknown	3	10	13	71	398	3950	292.8	3.4	1.3
Statewide totals*	118	398	1934	5370	15473	298377	154.3	6.5	4.9

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties.

RINGTAIL

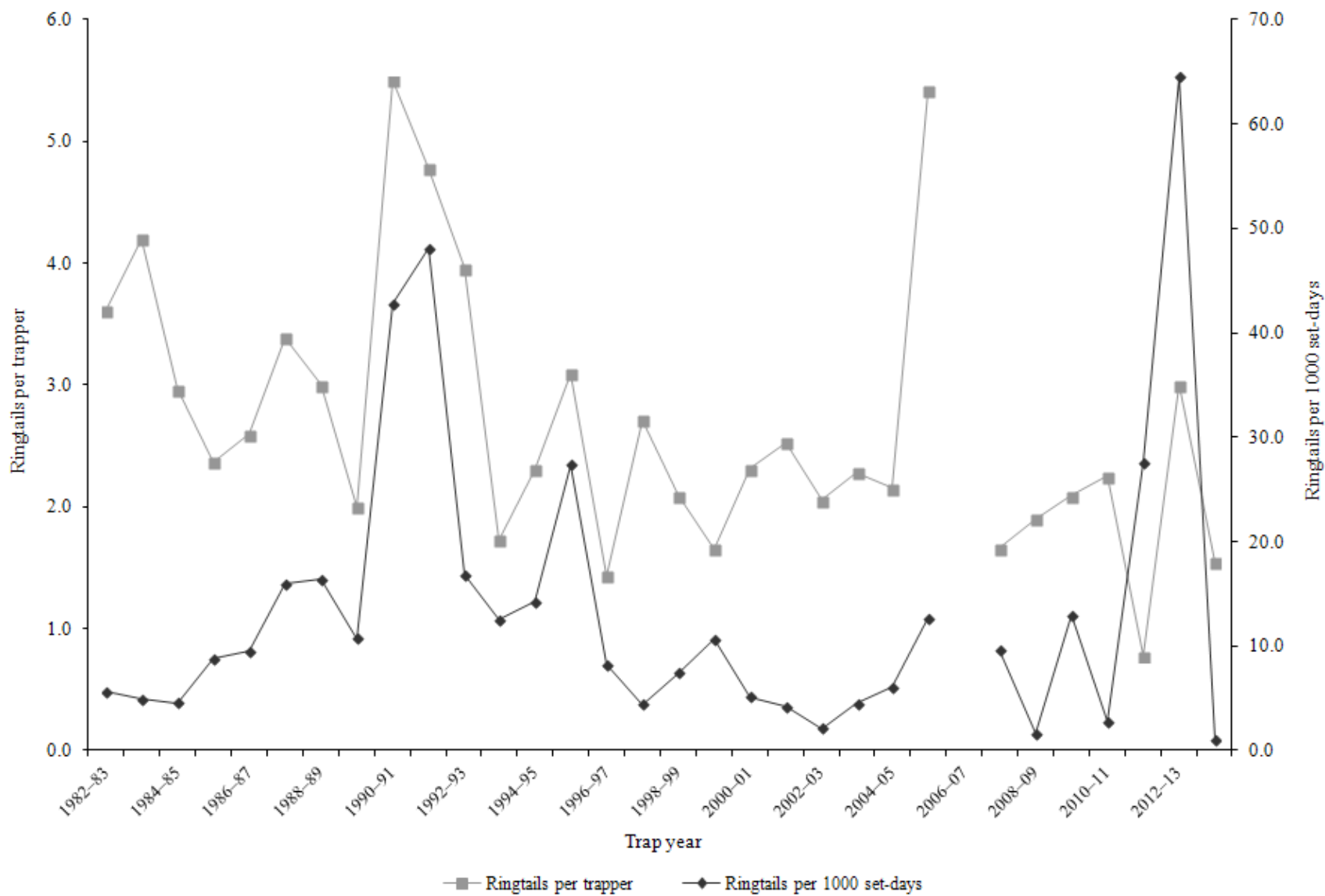
Statewide ringtail harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / ringtail	Ringtails / 1000 set-days	Ringtails / trapper	Pelt price (\$)
1982–83	90	—	325	—	176	5.7	3.6	4.40
1983–84	90	—	378	—	203	4.9	4.2	3.96
1984–85	85	—	252	—	218	4.6	3.0	3.15
1985–86	68	—	161	—	114	8.8	2.4	2.69
1986–87	79	—	205	—	105	9.6	2.6	3.64
1987–88	79	—	268	—	62	16.0	3.4	2.40
1988–89	62	—	186	—	61	16.4	3.0	5.70
1989–90	66	—	132	—	93	10.7	2.0	2.65
1990–91	18	—	99	—	23	42.8	5.5	3.50
1991–92	46	—	220	—	21	48.1	4.8	3.22
1992–93	27	—	107	—	59	16.9	4.0	3.97
1993–94	37	—	64	—	80	12.6	1.7	4.04
1994–95	69	—	159	—	70	14.3	2.3	6.41
1995–96	44	—	136	—	37	27.4	3.1	6.96
1996–97	32	—	46	—	122	8.2	1.4	11.68
1997–98	21	—	57	—	227	4.4	2.7	2.99
1998–99	66	—	138	—	134	7.5	2.1	4.17
1999–00	61	—	101	—	93	10.7	1.7	7.03
2000–01	51	—	118	—	194	5.2	2.3	6.00
2001–02	40	—	101	—	236	4.2	2.5	10.29
2002–03	56	—	115	—	474	2.1	2.1	5.20
2003–04	42	—	96	—	223	4.5	2.3	6.83
2004–05	59	—	127	—	165	6.1	2.2	11.12
2005–06	19	—	103	—	79	12.7	5.4	9.31
2006–07	98	—	—	—	—	—	—	12.37
2007–08	65	—	108	—	104	9.6	1.7	14.86
2008–09	31	—	59	—	621	1.6	1.9	10.70
2009–10	22	63	46	—	77	13.0	2.1	15.00
2010–11	16	26	36	—	356	2.8	2.3	18.91
2011–12	18	14	14	—	36	27.6	0.8	12.21
2012–13	7	41	21	0	16	64.5	3.0	15.66
2013–14	24	64	37	0	991	1.0	1.5	17.91
Average	50	42	130	0	176	13.7	2.7	7.78

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and ringtails per trapper include hunters and their harvest. Set-days per ringtail and ringtails per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide ringtail harvest trends, Utah 1982–2014.



SPOTTED SKUNK

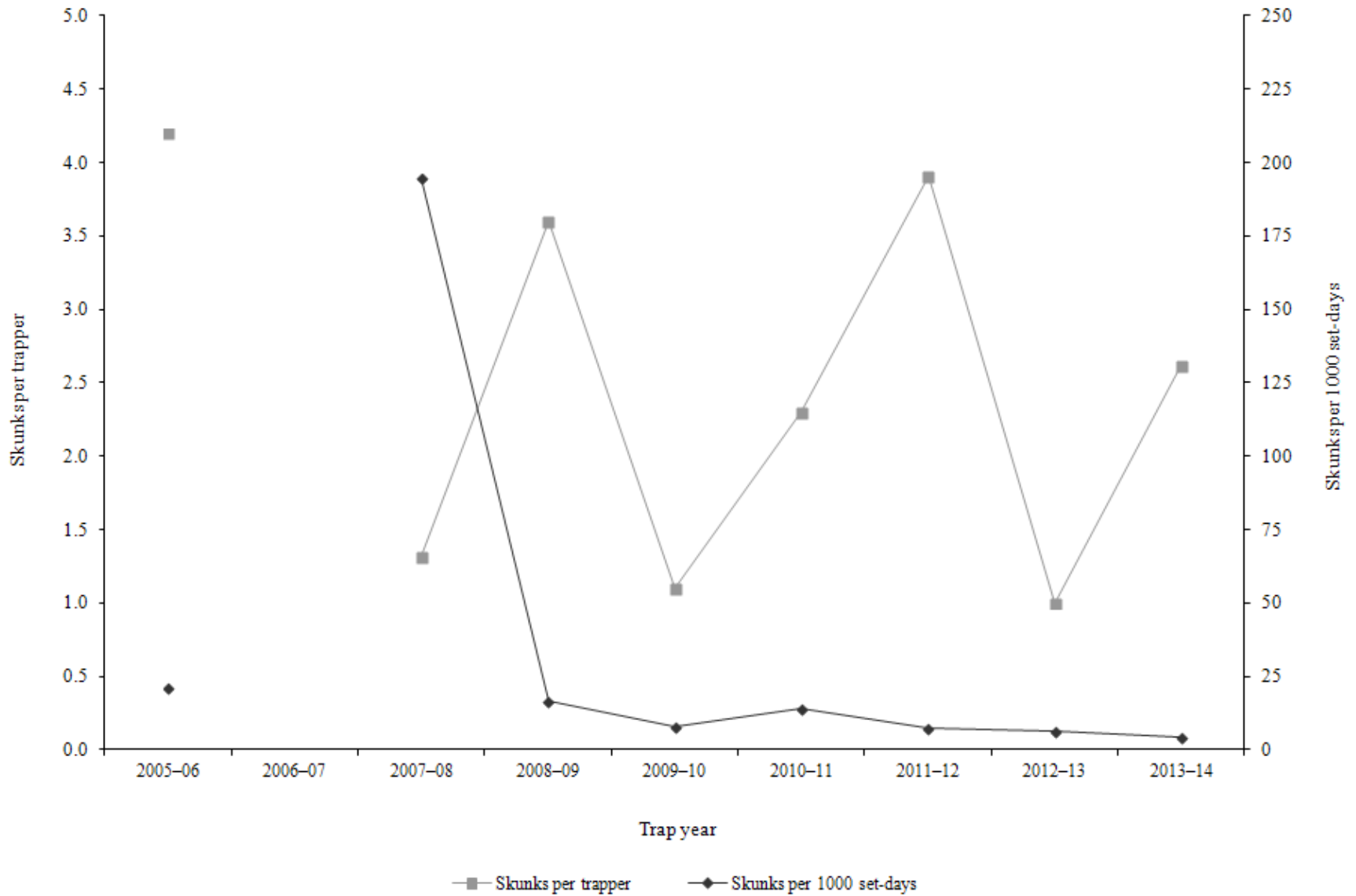
Statewide spotted skunk harvest statistics*, Utah 2005–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / skunk	Skunks / 1000 set-days	Skunks / trapper	Pelt price (\$)
2005–06	34	—	144	—	47	21.2	4.2	5.37
2006–07	106	—	—	—	—	—	—	12.42
2007–08	34	—	45	—	5	194.8	1.3	12.07
2008–09	67	—	238	—	60	16.8	3.6	8.00
2009–10	19	95	21	—	124	8.1	1.1	15.00
2010–11	33	200	76	—	71	14.0	2.3	15.00
2011–12	11	221	14	29	135	7.4	3.9	8.25
2012–13	17	137	17	0	156	6.4	1.0	14.48
2013–14	13	206	17	17	230	4.3	2.6	13.51
Average	37	172	72	15	104	34.1	2.5	11.57

Prior to 2005–06, spotted skunk harvest and trapping activity were combined with striped skunk. In addition, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and skunks per trapper include hunters and their harvest. Set-days per skunk and skunks per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide spotted skunk* harvest trends, Utah 2005–2014.



*Prior to 2005–06, spotted skunk harvest and trapping activity were combined with striped skunk.

STRIPED SKUNK

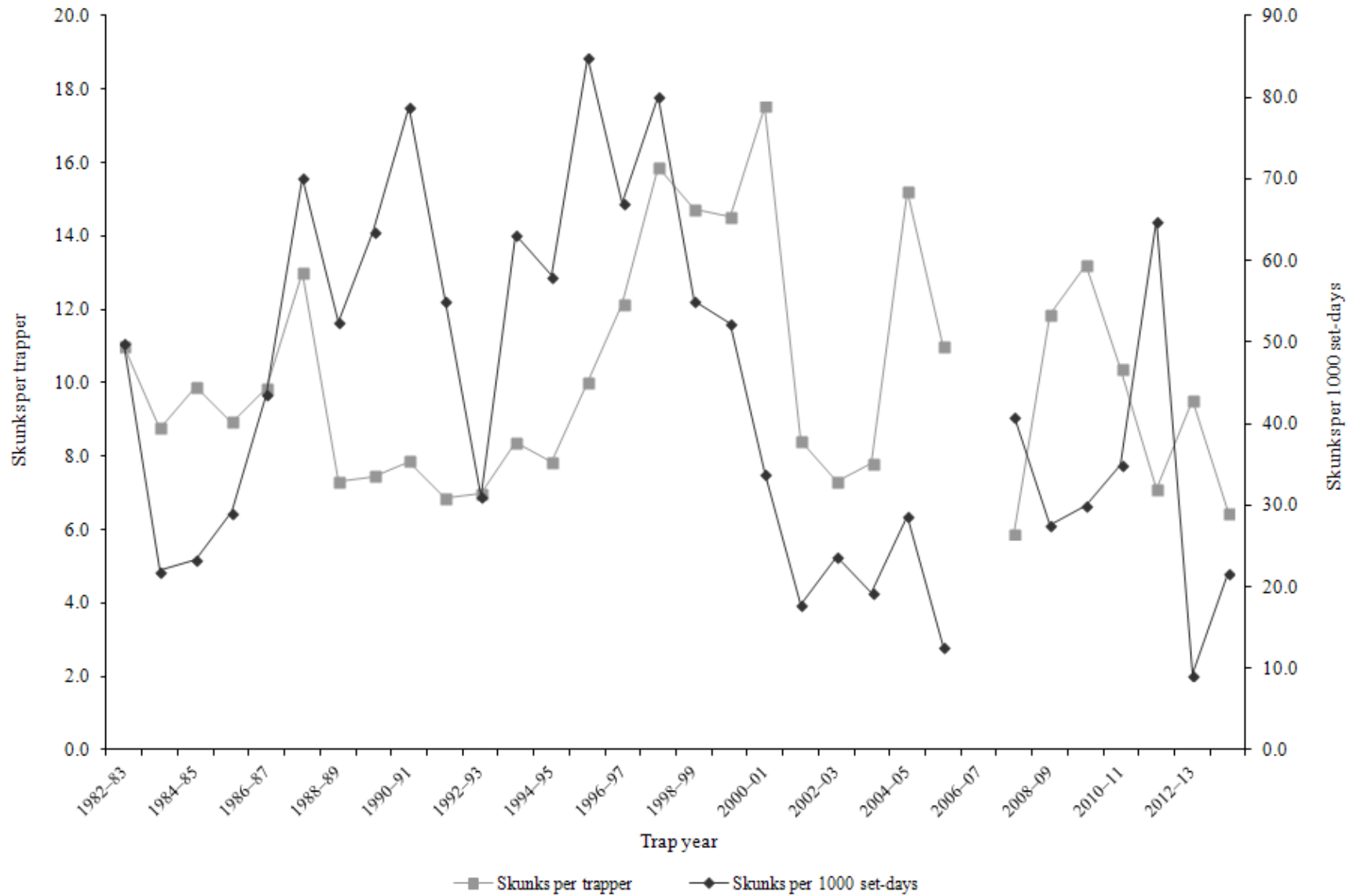
Statewide striped skunk harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / skunk	Skunks / 1000 set-days	Skunks / trapper	Pelt price (\$)
1982–83	140	—	1540	—	20	49.9	11.0	3.00
1983–84	144	—	1262	—	45	22.0	8.8	2.85
1984–85	111	—	1097	—	43	23.3	9.9	2.17
1985–86	195	—	1741	—	34	29.1	8.9	—
1986–87	188	—	1851	—	23	43.6	9.8	—
1987–88	185	—	2404	—	14	70.2	13.0	1.05
1988–89	132	—	966	—	19	52.5	7.3	0.30
1989–90	173	—	1289	—	16	63.6	7.5	0.30
1990–91	82	—	645	—	13	78.8	7.9	0.30
1991–92	151	—	1037	—	18	55.2	6.9	4.00
1992–93	132	—	922	—	32	31.1	7.0	5.30
1993–94	175	—	1465	—	16	63.2	8.4	7.35
1994–95	183	—	1438	—	17	58.1	7.9	9.29
1995–96	175	—	1753	—	12	84.9	10.0	6.63
1996–97	142	—	1726	—	15	67.1	12.2	6.00
1997–98	182	—	2890	—	12	80.2	15.9	4.11
1998–99	219	—	3227	—	18	55.1	14.7	5.67
1999–00	188	—	2730	—	19	52.3	14.5	8.50
2000–01	220	—	3857	—	29	34.0	17.5	8.69
2001–02	214	—	1798	—	56	17.8	8.4	6.79
2002–03	237	—	1732	—	42	23.7	7.3	4.24
2003–04	295	—	2305	—	52	19.3	7.8	10.00
2004–05	280	—	4264	—	35	28.7	15.2	4.64
2005–06	95	—	1043	—	79	12.6	11.0	5.37
2006–07	138	—	—	—	—	—	—	6.07
2007–08	144	—	848	—	24	41.0	5.9	4.52
2008–09	143	—	1697	—	36	27.6	11.9	3.15
2009–10	124	1632	1638	—	33	30.0	13.2	6.47
2010–11	154	1136	1597	—	29	35.0	10.4	5.29
2011–12	107	916	602	160	15	65.0	7.1	4.55
2012–13	137	1159	1241	65	108	9.3	9.5	5.01
2013–14	108	1272	654	44	46	21.8	6.5	6.96
Average	165	1223	1718	90	31	43.4	10.1	4.95

Prior to 2005–06, harvest and trapping activity included both striped skunk and spotted skunk. In addition, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and skunks per trapper include hunters and their harvest. Set-days per skunk and skunks per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide striped skunk* harvest trends, Utah 1982–2014.



*Prior to 2005–06, harvest and trapping activity included both striped skunk and spotted skunk.

Striped skunk trapping harvest statistics by county and ecoregion, Utah 2013–14.

County	n	Trappers afield	Trap harvest	Traps set	Trapping days	Set-days	Set-days / skunk	Skunks / 1000 set-days	Skunks / trapper
Beaver	0	0	—	—	—	—	—	—	—
Box Elder	2	7	78	34	125	540	7.0	143.8	11.5
Iron	2	7	17	88	331	5195	308.0	3.2	2.5
Juab	0	0	—	—	—	—	—	—	—
Millard	0	0	—	—	—	—	—	—	—
Tooele	1	3	27	7	67	135	5.0	200.0	8.0
Great Basin totals	5	17	122	128	523	5870	48.3	20.7	7.2
Cache	3	10	44	47	213	1265	28.8	34.7	4.3
Davis	0	0	—	—	—	—	—	—	—
Morgan	1	3	3	7	47	94	28.0	35.7	1.0
Piute	0	0	—	—	—	—	—	—	—
Rich	1	3	84	51	405	6072	72.0	13.9	25.0
Salt Lake	3	10	24	10	30	30	1.3	777.8	2.3
Sanpete	1	3	17	13	13	54	3.2	312.5	5.0
Sevier	1	3	7	7	101	202	30.0	33.3	2.0
Summit	1	3	0	10	13	40	—	0.0	0.0
Utah	2	7	219	118	101	1855	8.5	118.2	32.5
Wasatch	0	0	—	—	—	—	—	—	—
Weber	1	3	7	3	152	152	22.5	44.4	2.0
Rocky Mountain totals	14	47	405	266	1076	9766	24.1	41.5	8.6
Daggett	0	0	—	—	—	—	—	—	—
Duchesne	0	0	—	—	—	—	—	—	—
Uintah	3	10	30	17	118	213	7.0	142.9	3.0
Uintah Basin totals	3	10	30	17	118	213	7.0	142.9	3.0
Carbon	1	3	7	7	7	13	2.0	500.0	2.0
Emery	1	3	34	34	1231	12312	365.0	2.7	10.0
Garfield	0	0	—	—	—	—	—	—	—
Grand	0	0	—	—	—	—	—	—	—
Kane	0	0	—	—	—	—	—	—	—
San Juan	2	7	57	64	199	1872	32.6	30.6	8.5
Washington	0	0	—	—	—	—	—	—	—
Wayne	0	0	—	—	—	—	—	—	—
Colorado Plateau totals	4	13	98	105	1437	14198	145.1	6.9	7.3
Unknown	0	0	—	—	—	—	—	—	—
Statewide totals*	26	88	654	516	3154	30046	45.9	21.8	7.5

*Statewide totals for sample size and trappers afield are not totals of the columns because trappers trapped multiple counties

WEASEL

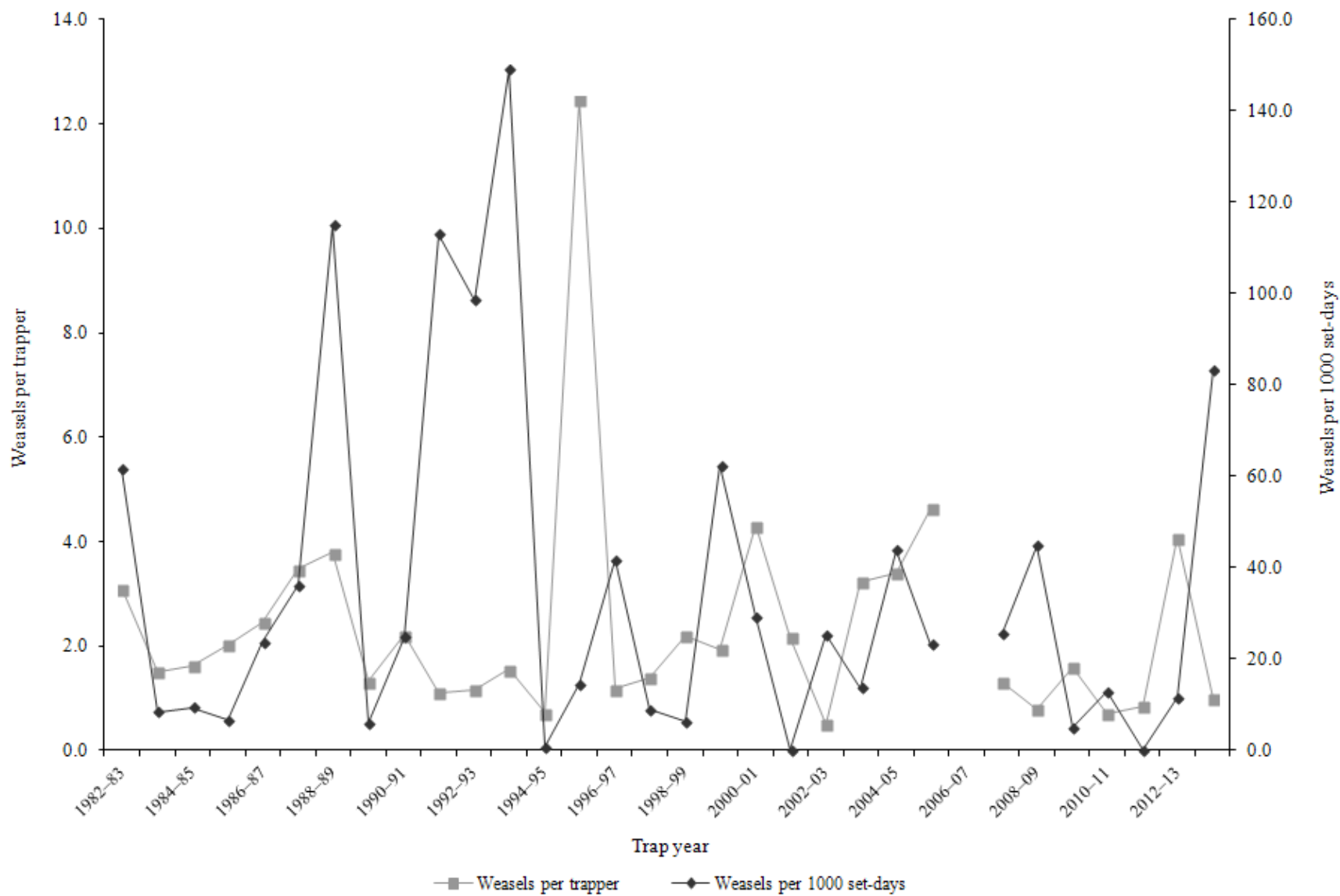
Statewide weasel harvest statistics*, Utah 1982–2014.

Trap year	Trappers afield	Incidental harvest	Trap harvest	Hunt harvest	Set-days / weasel	Weasels / 1000 set-days	Weasels / trapper	Pelt price (\$)
1982–83	19	—	59	—	16	61.5	3.1	1.00
1983–84	22	—	33	—	117	8.5	1.5	0.00
1984–85	46	—	75	—	106	9.4	1.6	0.75
1985–86	33	—	67	—	149	6.7	2.0	0.00
1986–87	50	—	123	—	42	23.6	2.5	1.50
1987–88	61	—	212	—	28	36.1	3.5	1.18
1988–89	24	—	91	—	9	115.0	3.8	0.25
1989–90	25	—	33	—	166	6.0	1.3	0.25
1990–91	14	—	31	—	40	24.8	2.2	0.30
1991–92	17	—	19	—	9	113.1	1.1	0.30
1992–93	24	—	28	—	10	98.6	1.2	0.30
1993–94	20	—	31	—	7	149.0	1.6	5.11
1994–95	18	—	13	—	1189	0.8	0.7	1.57
1995–96	24	—	299	—	69	14.6	12.5	3.08
1996–97	11	—	13	—	24	41.7	1.2	7.40
1997–98	20	—	28	—	111	9.0	1.4	3.03
1998–99	15	—	33	—	157	6.4	2.2	5.50
1999–00	34	—	66	—	16	62.4	1.9	—
2000–01	36	—	155	—	34	29.3	4.3	8.50
2001–02	6	—	13	—	0	—	2.2	—
2002–03	6	—	3	—	39	25.4	0.5	4.76
2003–04	18	—	58	—	73	13.8	3.2	—
2004–05	25	—	85	—	23	43.9	3.4	2.90
2005–06	41	—	190	—	43	23.3	4.6	—
2006–07	49	—	—	—	—	—	—	6.26
2007–08	11	—	15	—	39	25.6	1.3	2.99
2008–09	14	—	11	—	22	44.9	0.8	—
2009–10	29	13	47	—	196	5.1	1.6	7.64
2010–11	23	20	17	—	78	12.8	0.7	7.21
2011–12	25	4	0	21	—	0.0	0.8	4.58
2012–13	27	21	110	0	87	11.5	4.1	—
2013–14	3	10	3	0	12	83.3	1.0	5.00
Average	25	14	63	7	97	36.9	2.4	3.13

Prior to the 2005–06 season, harvest by hunting and trapping were not collected separately and trapping harvest estimates included harvest by both hunters and trappers. Trap harvest includes incidental harvest.

*Trappers and weasels per trapper include hunters and their harvest. Set-days per weasel and weasels per 1000 set-days are based only on trapping activity, and do not include hunt harvest or hunter-days afield.

Statewide weasel harvest trends, Utah 1982–2014.



APPENDIX: UTAH FURBEARER MANAGEMENT ECOREGIONS

