

UTAH COUGAR ANNUAL REPORT 2024



Publication No. 25-21



UTAH COUGAR ANNUAL REPORT 2024

Prepared by:

Heather H. Bernalles
Biometrician

Darren DeBloois
Mammals Program Coordinator

Publication No. 25-21

Annual Performance Report for Federal Aid Project W-65-M, segments 72 & 73

State of Utah
Department of Natural Resources
DIVISION OF WILDLIFE RESOURCES

Riley Peck
Division Director

TABLE OF CONTENTS

Introduction	1
Methods	1
Results	2
Statewide harvest and mortality	3
Harvest by hunt unit	7
Guiding	9
Method of take	9
Livestock depredation	10
Appendix: Historical cougar harvest by hunt unit	12

INTRODUCTION

The cougar harvest report presents cougar harvest and hunter effort trends across the state of Utah, based on data collected from cougar hunters. This report represents the cougar portion of Federal Aid Project W-65-M, segments 72 and 73, grant agreement period July 1, 2023 through June 30, 2024 and July 1, 2024 through June 30, 2025, respectively. This Federal Aid project covers cougar hunting season 2024, as outlined in the Utah Cougar Guidebook 2024.

This annual report presents the most complete and accurate summary of cougar harvest data available at the time of publication. Occasionally, we will adjust a previous years' harvest numbers in a subsequent report if more data are made available after publication. This is typically the case with counts of depredation (Wildlife Services/UDAF removal) mortality, and only rarely do counts of hunter-harvest need adjustment. In addition, age data from cougars harvested during the most recent summer or fall seasons are often not available at the time this report is published. Therefore, age data and survival data are tentative for the current year, and will be finalized in the following year's report. Where data differ between reports, the most recent annual report should always be the most accurate and up-to-date.

METHODS

Statewide Cougar Pursuit and Hunting

In March 2023, the Utah Legislature changed the state's cougar hunting season, and cougar regulatory cycle, to run from Jan. 1 to Dec. 31. With multiple adjustments to the cougar regulatory timeframe over the last several years, in order to reliably track harvest trends and maintain consistency with historical data, this annual report still defines the cougar "year" or "season" as **November to November** of the following year.

New Legislative changes allow a person to hunt or pursue cougars year-round with a valid Utah hunting or combination license – no additional cougar permit required. Hunters could hunt cougars using any legal weapon, including traps and snares provided they have a valid Utah trap registration license and follow current trapping rules and guidelines. Cougar harvest-objective quotas were discontinued and hunters were allowed to take an unlimited number of cougars in any Utah cougar management unit. Female cougars with kittens, or kittens with spots, were not legal to harvest.

Harvest Data Collection

All successful hunters were required to have their cougar checked at a Division office or by a Division employee within 48 hours of harvest. At that time, tooth samples were collected and a permanent tag affixed. Cougar harvest and hunter effort information were also collected. Teeth were sectioned and cementum annuli counted by an independent lab to estimate age of harvested cougar. Cougars aged to be 3-yr or older were considered adults for the purposes of calculating percent adult females in the harvest. With the elimination of the cougar pursuit permit, cougar pursuit data was not collected.

Livestock Depredation

Harvest data from depredating cougar were taken from damage reports received from the Utah Department of Agriculture (UDAF). Prior to 2023, USDA-APHIS Wildlife Services provided all depredation services and reports. Livestock operators could kill damaging cougar and were required to have the carcass checked by a Division officer within 48 hours. Harvest information was collected at that time. Other mortality includes DWR control, roadkill, poaching, found dead, etc.

RESULTS

From November 1, 2023 to October 31, 2024 (hereafter 2024), hunters harvested 530 cougars. 16 cougars were taken by UDAF, and 8 cougars were killed by DWR personnel or landowners for nuisance or depredation control, and there were an additional 14 other mortalities (roadkill, other, DWR control).

Statewide historical cougar harvest statistics, Utah 1971–1989.

Year	Hunters afield	Harvest	Hunter-days afield	Hunter-days / hunter	Hunter-days / cougar	Cougars / hunter
1971	207	94	—	—	—	0.45
1972	92	51	—	—	—	0.55
1973	108	66	—	—	—	0.61
1974	176	103	963	5.5	9.3	0.59
1975	286	176	1149	4.0	6.5	0.62
1976	332	167	2379	7.2	14.2	0.50
1977	334	177	2098	6.3	11.9	0.53
1978	408	210	2443	6.0	11.6	0.51
1979	436	265	2312	5.3	8.7	0.61
1980	442	205	3081	7.0	15.0	0.46
1981	411	185	2496	6.1	13.5	0.45
1982	432	205	3526	8.2	17.2	0.47
1983	435	172	3728	8.6	21.7	0.40
1984	484	211	3874	8.0	18.4	0.44
1985	488	182	4839	9.9	26.6	0.37
1986	469	200	3785	8.1	18.9	0.43
1987	486	197	4657	9.6	23.6	0.41
1988	662	247	5690	8.6	23.0	0.37
1989	612	231	5811	9.5	25.2	0.38

Statewide cougar harvest and mortality statistics, Utah 1990–2024.

Year	Limited-entry permits*	Harvest-objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	527	—	146	71	217	—	41	—	33	—	—	0.41	48	10	275
1991	525	—	184	81	265	—	50	—	31	—	—	0.49	38	22	325
1992	525	—	160	81	241	—	46	—	34	—	—	0.45	34	22	297
1993	591	—	260	112	372	—	63	—	30	—	—	0.49	53	42	467
1994	659	—	216	136	352	—	53	—	39	—	—	0.57	53	10	415
1995	791	—	262	169	431	—	54	—	39	—	—	—	54	24	509
1996	872	—	269	183	452	3.5	52	—	40	—	—	0.48	33	39	524
1997	595	275	297	279	576	3.8	56	88	48	—	—	0.33	40	50	666
1998	509	270	261	231	492	3.2	54	80	47	—	—	0.36	27	23	542
1999	446	230	206	167	373	3.1	49	64	45	—	16	0.30	13	1	387
2000	343	304	258	177	435	2.9	60	81	41	—	18	0.28	25	9	469
2001	272	371	242	207	449	3.3	52	35	46	—	18	0.30	27	20	496
2002	266	339	222	184	406	3.1	58	74	45	—	20	0.21	45	17	468
2003	374	297	251	175	427	3.6	58	77	41	—	21	0.29	53	30	510
2004	266	492	219	229	448	3.4	55	66	51	—	19	0.23	47	28	523
2005	276	527	190	131	321	2.5	45	36	41	—	10	0.17	38	21	380
2006	406	227	202	137	339	3.2	59	45	40	—	22	0.19	35	15	389
2007	366	185	173	117	291	2.9	59	42	40	—	18	0.22	9	25	325
2008	337	162	171	116	287	3.0	53	59	40	—	14	0.27	15	18	320
2009	323	158	207	118	325	3.3	70	61	36	—	19	0.26	22	32	379
2010	314	136	199	104	304	3.2	65	71	34	—	13	0.24	21	35	360
2011	383	116	210	134	344	3.6	69	64	39	30	24	0.25	19	36	399
2012	363	**	215	116	331	2.9	45	**	35	23	11	0.24	33	21	384
2013	365	**	205	108	313	3.9	42	**	35	25	33	0.27	12	23	356
2014	306	**	225	112	337	3.4	47	**	33	22	23	0.23	18	21	376

*Includes all limited-entry, sportsman, conservation and expo permits.

**From 2012-2014, harvest-objective quotas on individual hunt units were replaced by cougar management area quotas.

Statewide cougar harvest and mortality statistics, Utah 1990–2024 (continued).

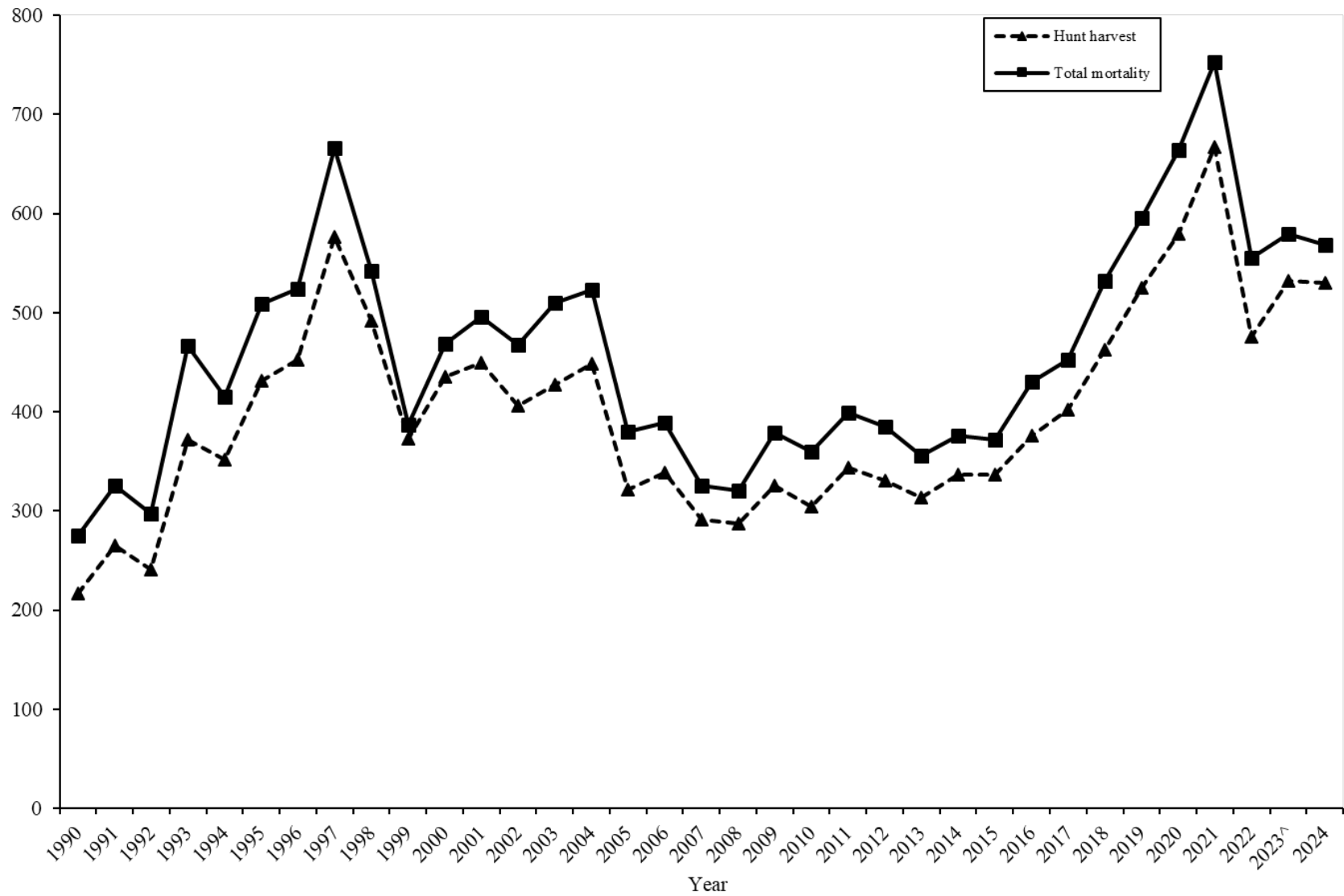
Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled‡	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	UDAF/ WS harvest	Other mortality	Total harvest + mortality
2015	272	207	212	125	337	3.0	45	69	37	18	18	0.25	11	24	372
2016	230	287	263	113	376	4.2	53	69	30	17	40	0.29	31	23	430
2017	234	299	288	114	402	3.3	53	75	28	14	23	0.30	27	24	452
2018	263	320	312	151	463	3.1	55	81	33	18	16	0.24	31	38	532
2019	350	296	329	196	525	3.4	44	81	37	20	19	0.25	39	32	596
2020	352	468	363	214	579	3.0	49	68	37	19	14	0.25	31	54	664
2021	202	126	379	288	667	3.1	55	80	43	26	12	0.25	26	60	753
2022	128	169	263	213	476	2.4	63	—	45	29	8	0.18	25	54	555
2023	108	124	278	254	532	2.8	—	—	48	29	17	0.15	13	34	579
2024	—	—	232	297	530^	3.3	—	—	56	34	22	—	16	26	567
Mean	386	255	239	161	397	3.2	54	67	39	23	19	0.29	31	26	455

*Includes limited-entry, sportsman, conservation and expo permits. Cougar permits and quotas were eliminated in March 2023.

‡Percent of permits filled during the limited-entry seasons only.

^Includes 1 cougar of unknown sex.

Statewide cougar hunt harvest and total mortality, 1990 through 2024.



Statewide cougar harvest statistics by hunt unit, Utah 2024.

Unit	Male harvest	Female harvest	Total harvest	Average age	% females	% ≥ 5 yrs old	UDAF harvest	Other mortality
Beaver, East	9	5	14	3.3	36	29	0	0
Beaver, West	0	0	0	—	—	—	0	0
Book Cliffs, East	7	7	14	3.1	50	29	0	0
Book Cliffs, Rattlesnake Canyon/Nine Mile, South	2	2	4	4.3	50	50	0	0
Boulder	12	6	19*	3.7	32	21	0	0
Box Elder, Desert	2	8	10	3.8	80	60	3	4
Box Elder, Pilot Mtn	1	0	1	4.0	0	0	0	0
Box Elder, Raft River	4	7	11	2.6	64	45	0	1
Cache	7	12	19	2.5	63	21	5	2
Chalk Creek	8	5	13	3.4	38	31	0	0
Diamond Mtn/Vernal/Bonanza	10	11	21	2.7	52	29	5	0
East Canyon	5	11	16	3.8	69	31	0	0
East Canyon, Davis	1	2	3	5.0	67	50	0	0
Fillmore, Oak Creek	2	1	3	3.0	33	33	0	1
Fillmore, Pahvant	3	5	8	2.7	63	25	0	0
Fishlake	2	9	11	3.6	82	45	0	0
Henry Mtns	4	4	8	3.6	50	25	0	0
Kaiparowits	0	1	1	1.0	100	100	0	0
Kamas	2	1	3	3.0	33	33	0	0
La Sal	5	5	10	2.9	50	20	0	0
Manti, Northeast	3	6	9	3.3	67	33	0	0
Manti, Northwest	5	6	11	2.9	55	27	1	0
Manti, Southeast	4	9	13	4.6	69	62	0	0
Manti, Southwest	3	8	11	2.5	73	36	0	0
Monroe	4	9	13	3.9	69	46	0	0
Morgan-South Rich	10	8	18	3.2	44	17	0	0
Mt Dutton	1	8	9	4.3	89	67	0	0

*Includes one cougar of unknown sex.

Statewide cougar harvest statistics by hunt unit, Utah 2024 (continued).

Unit	Male harvest	Female harvest	Total harvest	Average age	% females	% ≥ 5 yrs old	UDAF harvest	Other mortality
Nebo	10	9	19	3.1	47	32	0	0
Nebo-West Face	3	5	8	2.3	63	25	0	0
Nine Mile, North	7	4	11	3.7	36	11	0	0
North Slope, Summit/West Daggett	4	4	8	3.3	50	25	0	0
North Slope, Three Corners	2	0	2	3.5	0	0	0	0
Ogden	5	7	12	2.7	58	33	0	1
Oquirrh-Stansbury, East	2	2	4	3.3	50	50	0	0
Oquirrh-Stansbury, West	0	5	5	3.0	100	80	0	0
Panguitch Lake	9	13	21	3.6	59	43	0	0
Paunsaugunt	4	2	6	1.7	33	0	0	1
Pine Valley, North	3	7	10	4.3	70	50	0	0
Pine Valley, South	0	0	0	—	—	—	0	1
San Juan, Desert	0	0	0	—	—	—	0	1
San Juan, Mountains	9	16	25	2.5	64	40	0	1
San Rafael	0	0	0	—	—	—	0	0
Southwest Desert	4	3	7	5.2	43	43	0	0
Thousand Lakes	1	3	4	3.0	75	50	0	0
Wasatch Mtns, Avintaquin-Currant Creek	7	9	16	2.4	56	31	0	0
Wasatch Mtns, Cascade	6	5	11	2.8	45	18	0	0
Wasatch Mtns, Salt Lake	1	2	3	1.0	67	0	0	1
Wasatch Mtns, Timpanogos	7	6	13	2.8	46	15	0	1
Wasatch Mtns, West-Strawberry	17	16	33	3.6	48	30	0	1
West Desert, Mtn Ranges	2	1	3	4.7	33	33	0	0
West Desert, Tintic-Vernon	3	5	8	3.4	63	63	0	0
Yellowstone	1	2	3	3.3	67	33	0	1
Zion	9	15	24	3.7	63	42	2	5
Total	232	297	530	3.3	56	34	16	26

Guiding statistics by Utah cougar season, 2002–2024.

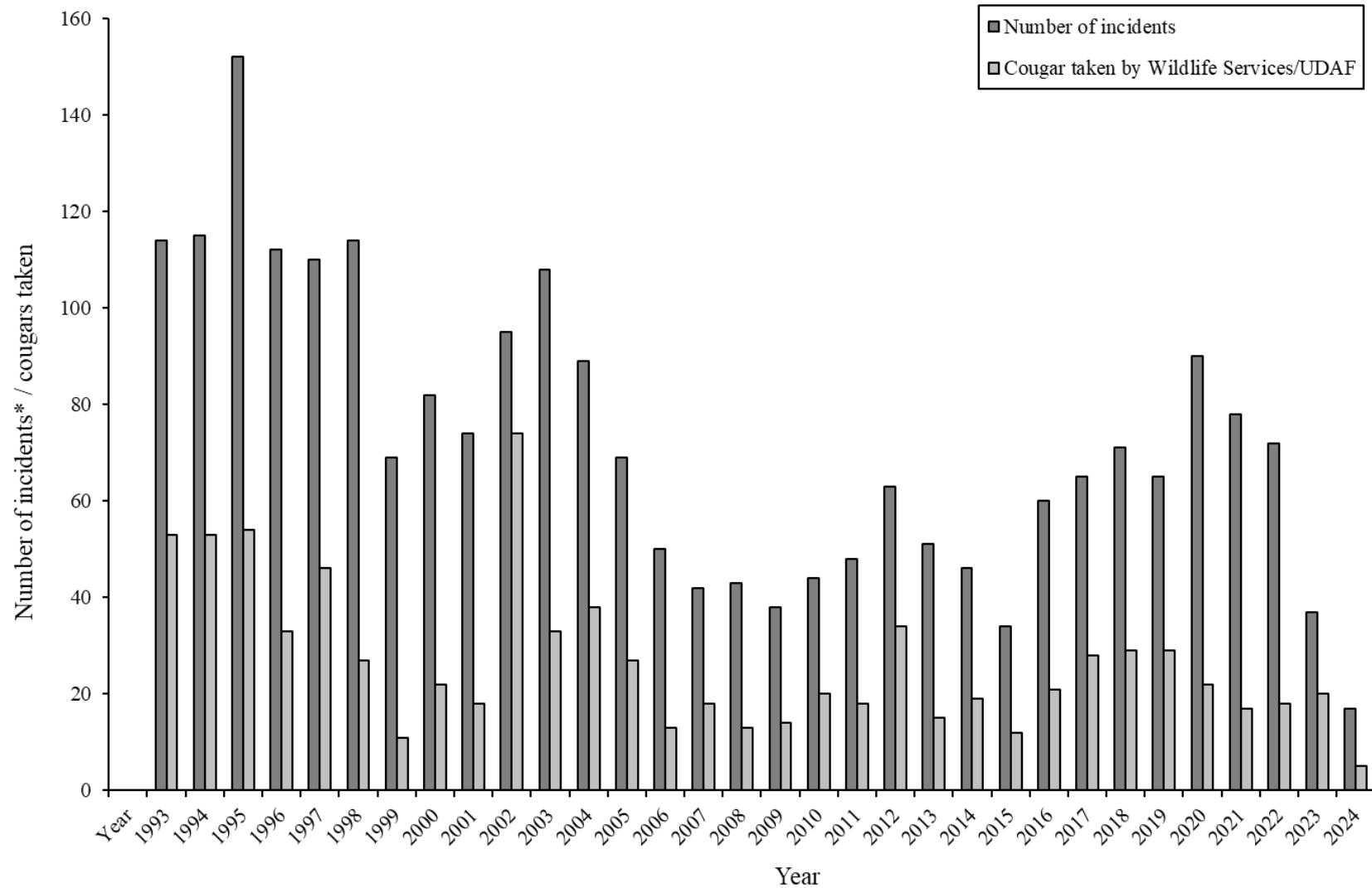
Year	Total harvest	Harvest with guide	% harvest with guide
2002	406	285	70.2
2003	427	291	68.1
2004	448	290	64.7
2005	321	202	62.9
2006	339	228	67.3
2007	291	194	66.7
2008	282	159	56.4
2009	325	199	61.2
2010	304	186	61.2
2011	344	196	57.0
2012	331	193	58.3
2013	321	168	52.3
2014	337	189	56.1
2015	371	191	51.5
2016	376	192	51.1
2017	402	238	59.2
2018	464	240	51.7
2019	525	241	45.9
2020	579	252	43.5
2021	667	345	51.7
2022	476	255	53.5
2023	530	228	43.0
2024	530	176	33.3

Method of take (%) by Utah cougar season, 2020–2024.

Year	Dogs	Spot & stalk	Trap/snare*	Other / unknown
2020	97.5	0.9	—	1.6
2021	96.1	2.5	—	1.3
2022	95.7	3.2	—	1.0
2023	84.7	12.5	1.3	1.5
2024	72.8	13.2	13.8	0.2

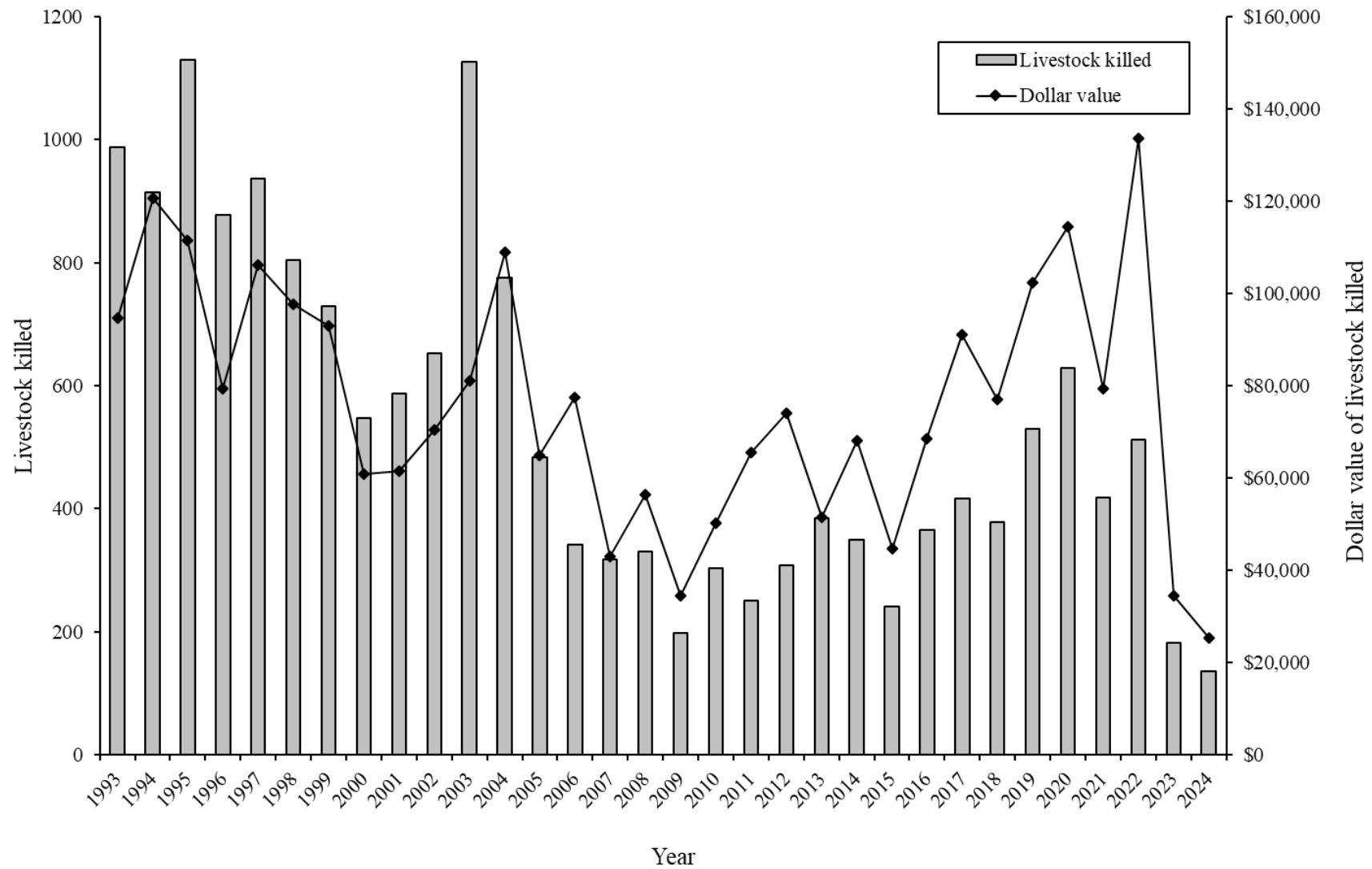
*Cougar trapping legalized beginning May 3, 2023.

Number of livestock depredation incidents and cougars taken by Wildlife Services/Utah Department of Agriculture (UDAF), Utah 1993–2024.



*Number of cougars taken by Wildlife Services/UDAF was based on fiscal year, not cougar hunting season. UDAF replaced Wildlife Services for cougar control beginning in 2023.

Livestock losses due to cougar depredation, Utah 1993–2024.



APPENDIX

HISTORICAL COUGAR HARVEST BY HUNT UNIT

Cougar mortality for Beaver (22), Utah 1990–2018.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	27	—	9	2	11	—	41	—	18	—	—	—	2	0	13
1991	27	—	7	4	11	—	41	—	36	—	—	—	0	0	11
1992	27	—	13	3	16	—	59	—	19	—	—	—	0	1	17
1993	31	—	12	5	17	—	55	—	29	—	—	—	0	0	17
1994	33	—	14	3	17	—	52	—	18	—	—	—	4	0	21
1995	37	—	16	9	25	—	68	—	36	—	—	—	2	4	31
1996	37	—	12	2	14	2.8	38	—	14	—	—	—	0	1	15
1997	45	—	11	15	26	3.5	58	—	58	—	—	—	1	2	29
1998	35	—	11	15	26	3.0	74	—	58	—	—	0.32	0	0	26
1999	25	—	10	2	12	3.7	48	—	17	—	—	0.37	0	0	12
2000	25	—	11	3	14	2.6	56	—	21	—	7	0.30	1	0	15
2001	25	—	9	5	14	4.5	56	—	36	—	23	0.35	1	0	15
2002	26	—	9	6	15	3.4	58	—	40	—	14	0.32	0	2	17
2003	25	—	7	5	12	4.8	48	—	42	—	33	0.27	0	0	12
2004	25	—	10	5	15	2.8	60	—	33	—	9	0.33	0	0	15
2005	19	15	10	8	18	3.1	53	53	44	—	8	0.22	0	1	19
2006	19	—	9	9	18	4.4	95	—	50	—	50	0.18	0	0	18
2007	18	—	10	11	21	2.4	117	—	52	—	11	0.26	0	0	21
2008	15	—	8	6	14	3.5	80	—	43	21	15	0.27	0	1	15
2009	15	—	12	3	15	3.2	87	—	20	13	20	0.29	0	1	16
2010	12	—	8	4	12	4.0	83	—	33	25	17	0.40	0	1	13
2011	13	—	10	6	16	4.1	115	—	38	38	31	0.34	0	3	19
2012	13	—	10	7	17	3.0	—	—	41	35	12	0.33	0	2	19
2013	13	—	4	6	10	4.7	—	—	60	50	40	0.24	0	0	10
2014	10	—	6	2	8	2.6	—	—	25	25	0	0.28	0	0	8
2015	10	—	6	4	10	3.0	90	—	40	30	11	0.23	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Beaver (22), Utah 1990–2018 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	9	—	7	2	9	2.9	89	—	22	0	22	0.35	0	2	11
2017	8	—	8	0	8	4.6	100	—	0	0	63	0.61	0	3	11
2018	9	—	7	2	9	3.7	100	—	22	22	0	0.28	0	0	9
Mean	22	15	10	5	15	3.5	73	53	33	24	20	0.31	0	1	16

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Beaver, East (22b), Utah 2019–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2019	10	—	10	2	12	4.6	120	—	17	17	42	0.66	1	4	17
2020	23	—	14	8	22	3.3	87	—	36	23	22	0.40	1	0	23
2021	30	—	16	5	21	2.3	70	—	24	14	5	0.36	0	0	21
2022	—	Unlimited	10	14	24	2.6	—	—	58	42	14	0.25	0	1	25
2023	—	Unlimited	9	7	16	2.6	—	—	44	31	13	0.30	0	0	16
2024	—	—	9	5	14	3.3	—	—	36	29	22	—	0	0	14
Mean	21	—	11	7	18	3.1	92	—	36	26	20	0.39	0	1	20

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Beaver, West (22a), Utah 2019–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2019	—	3	3	2	5	3.4	—	167	40	20	20	1.13	0	0	5
2020	—	14	7	10	17	3.4	—	121	59	47	19	0.27	2	1	20
2021	—	Unlimited	7	3	10	2.2	—	—	30	10	10	0.40	0	0	10
2022	—	Unlimited	2	2	4	2.5	—	—	50	50	0	0.24	0	0	4
2023	—	Unlimited	4	3	7	3.2	—	—	43	43	17	0.94	0	0	7
2024	—	—	0	0	0	—	—	—	—	—	—	—	0	0	0
Mean	—	9	4	3	7	2.9	—	144	44	34	13	0.60	0	0	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Book Cliffs (10), Utah 1990–2002.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	18	—	5	4	9	—	50	—	44	—	—	—	2	0	11
1991	18	—	11	2	13	—	72	—	15	—	—	—	0	1	14
1992	18	—	2	4	6	—	33	—	67	—	—	—	4	0	10
1993	18	—	11	1	12	—	67	—	8	—	—	—	1	0	13
1994	22	—	8	3	11	—	50	—	27	—	—	—	0	0	11
1995	26	—	10	4	14	—	54	—	29	—	—	—	1	1	16
1996	40	—	11	7	18	4.2	45	—	39	—	18	—	0	1	19
1997	—	30	14	14	28	4.5	—	93	50	—	37	—	3	0	31
1998	—	30	12	9	21	4.4	—	70	43	—	21	0.38	0	1	22
1999	—	30	12	9	21	3.7	—	70	43	—	11	0.19	1	1	23
2000	—	30	11	10	21	2.9	—	70	48	—	6	0.19	0	1	22
2001	—	30	10	13	23	3.6	—	77	57	—	13	0.19	0	0	23
2002	—	30	14	8	22	3.3	—	73	36	—	20	0.25	1	0	23
Mean	23	30	10	7	17	3.8	53	76	39	—	18	0.24	1	0	18

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Book Cliffs, East (10a), Utah 2003–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	30	14	5	19	4.2	—	63	26	—	41	0.21	0	0	19
2004	—	30	10	6	16	2.9	—	53	38	—	8	0.25	2	0	18
2005	—	30	4	1	5	1.7	—	17	20	—	0	0.13	1	0	6
2006	20	—	7	1	8	2.7	40	—	13	—	14	0.14	3	1	12
2007	13	—	3	1	4	1.0	31	—	25	—	0	0.27	0	0	4
2008	14	—	8	2	10	3.1	71	—	20	20	25	0.30	0	0	10
2009	14	—	11	3	14	3.2	100	—	21	14	23	0.19	0	0	14
2010	15	—	7	3	10	3.5	60	—	30	10	40	0.22	0	0	10
2011	15	—	4	3	7	3.4	47	—	43	14	29	0.25	0	0	7
2012	15	—	11	1	12	3.3	—	—	8	8	17	0.40	0	0	12
2013	15	—	12	2	14	4.2	—	—	14	14	38	0.62	0	0	14
2014	—	—	24	11	35	3.3	—	—	31	17	28	0.24	0	0	35
2015	—	20	14	6	20	3.2	—	100	30	30	26	0.24	0	0	20
2016	—	29	15	10	25	4.1	—	86	40	20	40	0.45	0	0	25
2017	—	29	18	11	29	3.7	—	100	38	28	29	0.54	0	0	29
2018	—	29	14	15	29	3.4	—	100	52	34	40	0.20	1	0	30
2019	29	—	15	4	19	3.5	14	—	21	16	26	0.34	0	0	19
2020	—	44	16	6	22	2.8	—	50	27	18	11	0.31	0	1	23
2021	—	Unlimited	10	10	20	2.7	—	—	50	40	13	0.31	0	0	20
2022	—	Unlimited	13	2	15	2.7	—	—	13	13	7	0.25	0	0	15
2023	—	Unlimited	13	4	17	2.8	13	4	24	6	8	0.23	0	0	17
2024	—	—	7	7	14	3.1	—	—	50	29	15	—	0	0	14
Mean	17	30	11	5	17	3.1	59	71	29	19	22	0.29	0	0	17

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Book Cliffs, Rattlesnake Canyon/Nine Mile, South (10b/11c), Utah 2003–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	4	0	0	0	—	—	0	—	—	—	—	3	0	3
2004	—	4	1	1	2	4.5	—	50	50	—	50	—	0	0	2
2005	—	4	1	0	1	—	—	25	0	—	—	0.04	0	0	1
2006	—	4	0	0	0	—	—	0	—	—	—	0.00	3	0	3
2007	—	4	0	0	0	—	—	0	—	—	—	0.00	0	0	0
2008	—	4	0	0	0	—	—	0	—	—	—	0.05	0	0	0
2009	—	4	1	0	1	4.0	—	25	0	0	0	0.18	0	0	1
2010	—	4	0	0	0	—	—	0	—	—	—	—	0	1	1
2011	—	2	2	0	2	3.5	—	100	0	0	0	0.16	0	0	2
2012	—	—	0	0	0	—	—	—	—	—	—	0.00	0	0	0
2013	—	—	0	0	0	—	—	—	—	—	—	0.25	0	0	0
2014	—	—	0	0	0	—	—	—	—	—	—	0.09	0	0	0
2015	—	Unlimited	1	0	1	—	—	—	0	0	—	0.04	0	0	1
2016	—	Unlimited	1	0	1	—	—	—	0	0	—	0.05	0	0	1
2017	—	Unlimited	0	0	0	—	—	—	—	—	—	0.74	0	0	0
2018	—	Unlimited	0	0	0	—	—	—	—	0	—	0.12	0	0	0
2019	—	Unlimited	0	1	1	1.0	—	—	100	0	0	0.19	0	0	1
2020	—	Unlimited	0	2	2	2.5	—	—	100	0	0	0.08	0	0	2
2021	—	Unlimited	0	0	0	—	—	—	—	—	—	0.27	0	1	1
2022	—	Unlimited	0	0	0	—	—	—	—	—	—	0.12	0	0	0
2023	—	Unlimited	0	2	2	—	—	—	100	—	—	0.07	0	0	2
2024	—	—	2	2	4	4.3	—	—	50	50	33	—	0	0	4
Mean	—	4	0	0	1	3.1	—	18	40	6	14	0.14	0	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Boulder (25c), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	10	—	1	1	2	—	20	—	50	—	—	—	0	0	2
1991	10	—	3	1	4	—	40	—	25	—	—	—	0	2	6
1992	10	—	3	1	4	—	40	—	25	—	—	—	0	0	4
1993	13	—	4	4	8	—	62	—	50	—	—	—	0	0	8
1994	15	—	2	2	4	—	27	—	50	—	—	—	0	0	4
1995	18	—	5	1	6	—	33	—	17	—	—	—	1	2	9
1996	20	—	8	5	13	4.2	65	—	38	—	—	—	1	1	15
1997	—	20	11	16	27	4.1	—	135	59	—	—	—	3	4	34
1998	—	20	11	11	22	3.2	—	110	50	—	—	0.32	1	0	23
1999	—	15	6	6	12	3.1	—	80	50	—	—	0.32	0	0	12
2000	—	10	7	4	11	2.8	—	110	36	—	27	0.33	0	0	11
2001	—	10	4	7	11	3.3	—	110	64	—	25	0.46	0	0	11
2002	—	8	6	3	9	3.6	—	113	33	—	25	0.27	1	0	10
2003	10	4	4	3	7	2.7	30	100	43	—	0	0.57	0	1	8
2004	18	4	5	9	14	3.6	56	100	64	—	15	0.43	3	0	17
2005	—	15	11	4	15	2.4	—	100	27	—	7	0.19	3	3	21
2006	14	—	11	4	15	3.8	107	—	27	—	25	0.28	0	0	15
2007	14	—	6	4	10	2.6	71	—	40	—	20	0.50	0	1	11
2008	13	—	6	5	11	4.5	69	—	45	27	30	0.19	1	1	13
2009	9	—	5	4	9	4.2	100	—	44	33	33	0.12	1	2	12
2010	10	—	5	4	9	4.4	90	—	44	44	22	0.25	3	2	14
2011	16	—	9	5	14	3.5	88	—	36	21	25	0.39	2	4	20
2012	16	—	2	2	4	3.0	—	—	50	50	25	0.31	0	1	5
2013	16	—	12	5	17	3.3	—	—	29	6	33	0.37	1	0	18
2014	11	—	2	2	4	4.0	—	—	50	25	33	0.20	4	1	9
2015	11	—	7	4	11	2.3	100	—	36	18	0	0.45	2	2	15

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Boulder (25c), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	11	—	7	3	10	6.0	82	—	30	30	70	0.17	3	1	14
2017	14	—	10	3	13	3.6	93	—	23	8	23	0.22	1	0	14
2018	14	—	10	4	14	3.9	100	—	29	29	8	0.25	4	0	18
2019	16	—	9	5	14	4.5	88	—	36	29	38	0.27	2	0	16
2020	24	—	10	3	13	3.5	54	—	23	23	23	0.14	0	0	13
2021	—	Unlimited	19	18	37	3.2	—	—	49	35	23	0.54	0	1	38
2022	—	Unlimited	13	8	21	2.8	—	—	38	29	16	0.25	0	0	21
2023	—	Unlimited	12	4	16	2.5	—	—	25	19	0	0.32	0	0	16
2024	—	—	12	6	19**	3.7	—	—	32	21	33	—	0	0	19
Mean	14	12	7	5	12	3.5	65	106	39	26	23	0.31	1	1	14

*Includes limited-entry, conservation and expo permits.

**One harvest of unknown sex.

Cougar mortality for Box Elder, Desert (1b), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	14	—	1	1	2	—	14	—	50	—	—	—	0	0	2
1991	14	—	4	1	5	—	36	—	20	—	—	—	0	0	5
1992	14	—	1	2	3	—	21	—	67	—	—	—	0	0	3
1993	9	—	1	1	2	—	22	—	50	—	—	—	0	0	2
1994	9	—	3	1	4	—	44	—	25	—	—	—	0	0	4
1995	9	—	7	1	8	—	89	—	13	—	—	—	0	0	8
1996	12	—	4	1	5	3.0	42	—	20	—	—	—	0	1	6
1997	8	—	4	3	7	3.5	88	—	43	—	—	—	1	1	9
1998	8	—	2	3	5	5.3	63	—	60	—	—	0.55	0	0	5
1999	8	—	1	4	5	2.3	63	—	80	—	0	0.35	0	0	5
2000	—	12	7	4	11	3.2	—	92	36	—	33	0.29	0	0	11
2001	—	12	8	7	15	2.4	—	125	47	—	13	0.47	4	1	20
2002	—	9	1	3	4	4.0	—	44	75	—	25	0.29	0	0	4
2003	12	—	4	2	6	5.8	50	—	33	—	33	0.46	0	1	7
2004	1	18	5	6	11	4.4	—	61	55	—	50	0.17	0	2	13
2005	—	18	3	3	6	3.6	—	33	50	—	20	0.13	1	0	7
2006	18	—	1	2	3	3.3	17	—	67	—	0	0.03	0	1	4
2007	12	—	3	2	5	2.3	42	—	40	—	0	0.27	0	2	7
2008	12	—	1	3	4	1.8	33	—	75	0	0	0.13	0	0	4
2009	10	—	0	1	1	2.0	10	—	100	0	0	0.28	0	0	1
2010	5	—	0	2	2	4.0	40	—	100	50	50	0.44	0	0	2
2011	6	—	1	1	2	3.0	33	—	50	50	0	0.24	0	0	2
2012	6	—	0	1	1	1.0	—	—	100	0	0	0.24	1	2	4
2013	6	—	2	1	3	2.7	—	—	33	33	0	0.19	0	1	4
2014	6	—	1	0	1	4.0	—	—	0	0	0	0.11	0	1	2
2015	6	—	0	0	0	—	0	—	—	—	—	0.11	0	0	0

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Box Elder, Desert (1b), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	6	—	2	0	2	3.0	33	—	0	0	0	0.38	0	0	2
2017	5	—	0	2	2	7.5	40	—	100	100	100	0.31	1	4	7
2018	5	—	4	2	6	4.3	120	—	33	33	11	0.12	0	9	15
2019	—	10	6	5	11	2.7	—	110	45	27	11	0.28	0	4	15
2020	—	18	10	5	15	3.9	—	83	33	27	23	0.40	0	2	17
2021	—	18	10	9	19	2.9	—	106	47	21	13	0.22	2	7	28
2022	—	17	5	2	7	2.1	—	41	29	43	0	0.31	0	5	12
2023	—	Unlimited	5	4	9	2.7	—	—	44	33	17	0.15	0	1	10
2024	—	—	2	8	10	3.8	—	—	80	60	22	—	3	4	17
Mean	9	15	3	3	6	3.4	41	77	50	29	17	0.27	0	1	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Box Elder, Pilot Mountain (1c), Utah 1998–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1998	6	3	0	0	0	—	0	0	—	—	—	—	0	0	0
1999	—	3	1	0	1	—	—	33	0	—	—	—	0	0	1
2000	—	3	0	0	0	—	—	0	—	—	—	—	0	0	0
2001	—	3	0	0	0	—	—	0	—	—	—	—	0	0	0
2002	—	4	1	2	3	4.5	—	75	67	—	50	0.00	0	0	3
2003	—	4	1	1	2	—	—	50	50	—	50	0.17	0	0	2
2004	—	4	1	0	1	—	—	25	0	—	—	0.25	0	0	1
2005	—	4	2	0	2	3.0	—	50	0	—	0	0.22	0	0	2
2006	—	4	0	0	0	—	—	0	—	—	—	0.00	0	0	0
2007	—	4	0	0	0	—	—	0	—	—	—	0.00	0	0	0
2008	—	4	0	0	0	—	—	0	—	—	—	—	0	0	0
2009	—	2	0	1	1	2.0	—	50	100	0	0	—	0	0	1
2010	—	2	0	0	0	—	—	0	—	—	—	—	0	0	0
2011	—	2	1	1	2	3.0	—	100	—	0	0	0.23	0	0	2
2012	—	—	0	1	1	4.0	—	—	100	100	0	0.00	0	0	1
2013	—	—	1	0	1	2.0	—	—	0	0	0	0.00	0	0	1
2014	4	—	0	0	0	—	—	—	—	—	—	—	0	0	0
2015	4	—	1	0	1	6.0	25	—	0	0	100	—	0	0	1
2016	—	6	0	0	0	—	—	0	—	—	—	—	0	0	0
2017	—	6	0	0	0	—	—	0	—	—	—	0.00	0	0	0
2018	—	6	0	0	0	—	—	0	—	—	—	0.30	0	2	2
2019	—	6	0	0	0	—	—	0	—	—	—	—	0	0	0
2020	—	6	0	0	0	—	—	0	—	—	—	—	0	0	0
2021	—	6	0	0	0	—	—	0	—	—	—	0.00	1	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Box Elder, Pilot Mountain (1c), Utah 1998–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2022	—	6	0	0	0	—	—	—	—	—	—	0.00	0	0	0
2023	—	6	0	0	0	—	—	0	—	—	—	—	0	0	0
2024	—	—	1	0	1	4.0	—	—	0	0	0	—	0	0	1
Mean	5	4	0	0	1	3.5	8	17	32	17	22	0.09	0	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Box Elder, Raft River (1a), Utah 1997–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female Harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1997	8	—	3	3	6	3.3	75	—	50	—	—	—	1	0	7
1998	5	—	2	2	4	3.5	80	—	50	—	—	0.55	0	1	5
1999	5	—	1	2	3	2.3	60	—	67	—	0	0.35	2	0	5
2000	—	8	5	3	8	3.2	—	100	38	—	17	0.29	0	0	8
2001	—	8	3	3	6	2.6	—	75	50	—	0	0.46	0	1	7
2002	6	—	4	0	4	2.8	67	—	0	—	0	0.52	0	0	4
2003	6	—	2	3	5	3.0	83	—	60	—	0	0.30	1	0	6
2004	—	10	6	4	10	2.8	—	100	40	—	0	0.14	0	0	10
2005	—	10	4	4	8	2.0	—	80	50	—	0	0.11	0	0	8
2006	8	—	3	1	4	3.0	50	—	25	—	0	0.06	0	0	4
2007	6	—	0	1	1	10.0	17	—	100	—	100	0.16	0	0	1
2008	6	—	2	0	2	4.0	33	—	0	0	50	0.17	0	0	2
2009	7	—	3	1	4	2.8	57	—	25	0	0	0.46	0	0	4
2010	6	—	4	0	4	2.8	67	—	0	0	0	0.75	0	1	5
2011	5	—	4	0	4	4.5	80	—	0	0	25	0.24	0	0	4
2012	5	—	3	1	4	2.3	—	—	25	0	0	0.22	0	0	4
2013	5	—	2	0	2	5.0	—	—	0	0	50	0.55	0	0	2
2014	6	—	3	1	4	3.8	—	—	25	25	25	0.34	0	0	4
2015	6	—	4	0	4	4.0	67	—	0	0	25	0.56	0	2	6
2016	6	—	2	1	3	7.0	50	—	33	33	100	0.50	0	0	3
2017	6	—	5	0	5	4.0	83	—	0	0	50	0.39	0	0	5
2018	8	—	8	0	8	3.3	100	—	0	0	14	0.37	0	0	8
2019	10	—	4	3	7	3.1	70	—	43	29	14	0.41	0	0	7
2020	10	—	3	2	5	3.0	50	—	40	20	0	0.15	0	2	7
2021	10	—	3	2	5	3.6	50	—	40	40	20	0.19	0	3	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Box Elder, Raft River (1a), Utah 1997–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female Harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2022	9	—	5	0	5	2.5	56	—	0	0	0	0.24	0	1	6
2023	9	—	3	2	5	3.0	56	—	40	0	0	0.10	0	4	9
2024	—	—	4	7	11	2.6	—	—	64	45	11	—	0	1	12
Mean	7	9	3	2	5	3.6	62	89	31	11	19	0.33	0	2	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Cache (2), Utah 1996–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	20	—	10	6	16	4.0	80	—	38	—	—	—	3	1	20
1997	20	—	8	6	14	3.6	70	—	43	—	—	—	2	1	17
1998	19	—	8	3	11	3.5	58	—	27	—	—	0.47	0	1	12
1999	28	—	7	11	18	1.9	64	—	61	—	0	0.41	0	1	19
2000	—	35	17	19	36	2.5	—	103	53	—	16	0.21	2	0	38
2001	—	35	15	12	27	2.4	—	77	44	—	7	0.26	0	2	29
2002	—	12	2	4	6	2.0	—	50	67	—	0	0.07	1	1	8
2003	15	10	4	11	15	2.0	53	70	73	—	0	0.46	0	0	15
2004	—	19	9	6	15	2.8	—	79	40	—	9	0.06	0	1	16
2005	—	19	8	4	12	1.4	—	63	33	—	0	0.08	0	1	13
2006	19	—	3	5	8	1.4	42	—	63	—	0	0.15	0	2	10
2007	14	—	2	6	8	2.1	57	—	75	—	0	0.26	0	0	8
2008	14	—	7	3	10	2.3	71	—	30	10	0	0.08	1	1	12
2009	14	—	7	5	12	3.2	86	—	42	25	27	0.23	0	5	17
2010	14	—	4	6	10	4.1	71	—	60	40	33	0.16	0	1	11
2011	15	—	7	3	10	2.3	67	—	30	20	0	0.21	1	0	11
2012	15	—	6	0	6	2.0	—	—	0	0	0	0.18	0	2	8
2013	15	—	4	3	7	3.4	—	—	43	29	14	0.17	1	2	10
2014	15	—	5	2	7	3.7	—	—	29	29	33	0.16	1	1	9
2015	15	—	9	3	12	2.8	73	—	25	25	18	0.22	0	4	16
2016	—	20	12	8	20	4.3	—	100	40	10	42	0.11	0	3	23
2017	—	22	15	6	21	2.4	—	95	29	10	5	0.28	1	5	27
2018	—	25	15	12	27	2.6	—	108	44	11	13	0.23	0	4	31
2019	—	25	11	14	25	3.9	—	100	56	32	22	0.39	5	4	34
2020	—	38	13	15	28	2.7	—	71	54	32	9	0.20	3	15	46

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Cache (2), Utah 1996–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2021	—	Unlimited	18	18	36	1.9	—	—	50	17	0	0.25	0	3	39
2022	—	Unlimited	5	11	16	1.9	—	—	69	50	0	0.22	0	4	20
2023	—	Unlimited	14	15	29	2.4	—	—	52	21	8	0.18	2	0	31
2024	—	—	7	12	19	2.5	—	—	63	21	12	—	5	2	25
Mean	17	24	9	8	17	2.7	61	83	46	21	10	0.22	1	2	20

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Chalk Creek (6), Utah 2020–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2020	—	30	15	12	27	2.7	—	90	44	22	14	0.31	2	7	36
2021	—	30	12	17	29	2.2	—	97	59	17	7	0.30	1	0	30
2022	—	28	13	12	25	1.8	—	89	48	32	0	0.24	0	1	26
2023	—	Unlimited	10	5	15	2.6	—	—	33	13	8	0.28	0	0	14
2024	—	—	8	5	13	3.4	—	—	38	31	27	—	0	0	13
Mean	—	29	12	10	22	2.5	—	92	45	23	11	0.28	1	2	24

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Chalk Creek/Kamas (6/7), Utah 1996–2019.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	10	—	4	3	7	6.0	70	—	43	—	—	—	1	0	8
1997	10	—	2	4	6	3.3	60	—	67	—	—	—	0	1	7
1998	10	—	4	4	8	2.2	80	—	50	—	—	0.39	0	3	11
1999	14	—	7	5	12	2.6	86	—	42	—	—	0.31	0	0	12
2000	—	12	8	4	12	2.5	—	100	33	—	—	0.57	0	0	12
2001	—	12	3	6	9	3.9	—	75	67	—	—	0.62	1	0	10
2002	—	12	6	5	11	3.2	—	92	45	—	27	0.47	6	1	18
2003	17	—	8	7	15	2.7	88	—	47	—	21	0.60	17	2	34
2004	12	—	7	3	10	2.6	83	—	30	—	14	0.33	3	0	13
2005	11	—	5	3	8	2.6	73	—	38	—	0	0.44	14	1	23
2006	10	—	5	4	9	2.2	90	—	44	—	20	0.23	12	0	21
2007	11	—	4	6	10	3.0	91	—	60	—	38	0.64	1	0	11
2008	8	—	4	5	9	3.6	75	—	56	22	33	0.31	2	0	11
2009	8	—	7	4	11	3.4	100	—	36	36	20	0.30	1	2	14
2010	5	—	4	4	8	2.3	80	—	50	25	0	0.67	7	3	18
2011	10	—	4	5	9	3.6	60	—	56	33	25	0.35	3	5	17
2012	10	—	5	4	9	3.3	80	—	44	22	14	0.26	8	1	18
2013	10	—	5	3	8	2.5	80	—	38	25	17	0.28	0	4	12
2014	7	—	5	1	6	3.2	86	—	17	17	20	0.20	0	0	6
2015	8	—	5	2	7	2.7	88	—	29	0	17	0.12	0	0	7
2016	8	—	6	0	6	7.4	75	—	0	0	100	0.36	8	1	15
2017	10	—	8	1	9	3.0	90	—	11	0	13	0.26	11	0	20
2018	12	—	6	2	8	2.3	67	—	25	13	0	0.45	3	0	11
2019	12	—	9	3	12	3.4	100	—	25	17	10	0.16	2	1	15
Mean	10	12	5	4	9	3.2	80	89	40	19	22	0.38	4	1	14

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Diamond Mtn/Vernal/Bonanza (9bcd), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	26	—	7	3	10	3.7	38	—	30	—	30	0.06	2	0	12
2003	25	—	5	4	9	5.0	36	—	44	—	25	0.20	3	2	14
2004	—	9	3	6	9	2.7	—	100	67	—	14	—	0	0	9
2005	—	20	5	4	9	1.8	—	45	44	—	0	0.03	0	0	9
2006	—	20	6	5	11	2.8	—	55	45	—	18	0.12	2	0	13
2007	—	20	7	1	8	3.8	—	40	13	—	33	0.24	0	0	8
2008	—	15	8	5	13	3.2	—	87	38	8	33	0.50	—	—	13
2009	—	15	7	3	10	3.1	—	67	30	20	25	0.56	0	0	10
2010	—	15	13	3	16	2.8	—	107	19	6	7	0.15	0	1	17
2011	20	—	0	1	1	6.0	5	—	100	100	100	0.22	0	0	1
2012	—	—	6	6	12	3.4	—	—	50	42	9	0.25	2	0	14
2013	—	—	12	8	20	2.9	—	—	40	15	22	0.41	2	0	22
2014	—	—	7	3	10	4.1	—	—	30	20	38	0.24	2	0	12
2015	—	18	8	5	13	2.4	—	72	38	8	10	0.14	0	3	16
2016	—	18	11	7	18	3.9	—	100	39	22	38	0.48	4	0	22
2017	—	18	13	6	19	4.0	—	106	32	21	26	0.00	0	0	19
2018	—	20	11	7	18	3.5	—	90	39	28	36	0.15	3	1	22
2019	—	24	13	6	19	2.7	—	79	32	16	12	0.25	4	1	24
2020	—	24	13	9	22	2.7	—	92	41	27	6	0.30	0	1	23
2021	—	24	9	8	17	2.1	—	71	47	29	0	0.17	1	0	18
2022	—	24	7	8	15	2.5	—	63	53	33	8	0.26	2	0	17
2023	—	24	9	4	13	2.2	—	54	31	8	8	0.06	1	0	14
2024	—	—	10	11	21	2.7	—	—	52	29	12	—	5	0	26
Mean	24	19	8	5	14	3.2	26	77	42	25	22	0.23	2	0	15

*Includes limited-entry, conservation and expo permits.

Cougar mortality for East Canyon (5), Utah 1996–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	8	—	4	1	5	3.7	63	—	20	—	—	—	0	0	5
1997	18	—	6	7	13	2.5	72	—	54	—	—	—	0	3	16
1998	22	—	7	9	16	2.6	73	—	56	—	—	0.30	0	3	19
1999	16	—	6	4	10	1.3	63	—	40	—	0	0.39	0	0	10
2000	18	—	3	6	9	2.3	50	—	67	—	17	0.00	0	1	10
2001	2	10	4	6	10	2.1	0	100	60	—	0	0.40	0	0	10
2002	—	7	4	4	8	2.3	—	114	50	—	0	0.25	0	0	8
2003	10	—	3	3	6	2.5	60	—	50	—	0	0.17	0	0	6
2004	9	—	1	3	4	3.0	44	—	75	—	0	0.08	0	0	4
2005	10	—	3	4	7	2.1	70	—	57	—	0	0.14	0	1	8
2006	8	—	2	2	4	3.0	50	—	50	—	33	0.07	1	0	5
2007	7	—	1	1	2	2.0	29	—	50	—	0	0.79	0	2	4
2008	5	—	2	0	2	2.0	40	—	0	0	0	0.09	0	0	2
2009	5	—	0	0	0	—	0	—	—	—	—	0.00	0	1	1
2010	2	—	1	0	1	5.0	50	—	0	0	100	0.19	0	0	1
2011	4	—	2	1	3	3.3	75	—	33	33	0	0.20	0	0	3
2012	4	—	1	2	3	1.3	75	—	67	0	0	0.76	0	0	3
2013	4	—	3	1	4	2.3	100	—	25	0	0	0.04	0	1	5
2014	4	—	2	2	4	1.3	100	—	50	0	0	0.45	0	0	4
2015	4	—	3	1	4	4.0	100	—	25	25	25	0.31	0	0	4
2016	6	—	5	0	5	4.8	83	—	0	0	60	0.31	0	1	6
2017	8	—	6	2	8	3.8	100	—	25	13	50	0.28	0	0	8
2018	10	—	6	2	8	3.1	80	—	25	0	20	0.27	0	0	8
2019	10	—	3	3	6	4.0	60	—	50	20	20	0.48	0	0	6
2020	10	—	9	4	13	2.1	110	—	31	0	0	0.47	0	0	13

*Includes limited-entry, conservation and expo permits.

Cougar mortality for East Canyon (5), Utah 1996–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2021	10	—	10	2	12	2.1	120	—	17	25	0	0.29	1	0	13
2022	13	—	4	3	7	1.7	54	—	43	43	0	0.14	0	0	7
2023	13	—	7	4	11	2.5	85	—	36	0	0	0.13	0	0	11
2024	—	—	5	11	16	3.8	—	—	69	31	33	—	0	0	16
Mean	9	9	4	3	7	2.7	67	107	40	12	14	0.27	0	0	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for East Canyon, Davis (5a), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	2	—	2	0	2	1.5	100	—	0	—	0	—	0	0	2
2003	2	—	1	1	2	2.0	100	—	50	—	50	—	0	0	2
2004	2	—	1	1	2	2.0	100	—	50	—	0	—	0	0	2
2005	4	—	1	0	1	3.0	25	—	0	—	0	0.32	0	0	1
2006	—	4	1	3	4	2.0	—	100	75	—	0	0.05	0	1	5
2007	—	5	0	1	1	9.0	—	20	100	—	100	0.10	0	0	1
2008	—	5	0	0	0	—	—	0	—	—	—	0.03	0	0	0
2009	—	5	2	0	2	3.5	—	40	0	0	0	0.00	0	0	2
2010	—	5	2	2	4	3.8	—	80	50	50	25	0.25	0	0	4
2011	5	—	0	0	0	—	0	—	—	—	—	0.02	0	0	0
2012	5	—	1	0	1	3.0	—	—	0	0	0	—	0	0	1
2013	5	—	1	1	2	5.0	—	—	50	50	50	0.04	0	1	3
2014	5	—	0	2	2	3.0	—	—	100	50	50	—	0	1	3
2015	5	—	2	1	3	2.3	60	—	33	33	0	0.30	0	0	3
2016	5	—	0	0	0	—	0	—	—	—	—	0.07	0	0	0
2017	5	—	4	0	4	3.3	80	—	0	0	0	0.27	0	1	5
2018	5	—	2	3	5	3.6	100	—	60	40	50	0.20	0	0	5
2019	5	—	2	1	3	3.7	60	—	33	33	0	0.63	0	0	3
2020	5	—	5	1	6	2.8	120	—	17	0	0	0.26	0	3	9
2021	5	—	1	4	5	2.0	100	—	80	20	0	0.21	0	0	5
2022	5	—	1	2	3	1.8	60	—	67	33	0	0.27	0	3	6
2023	5	—	1	3	4	7.5	80	—	75	50	50	0.06	0	0	4
2024	—	—	1	2	3	5.0	—	—	67	50	33	—	0	0	3
Mean	4	5	1	1	3	3.5	64	48	45	27	20	0.18	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Fillmore (21), Utah 1990–2001.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	30	—	7	2	9	—	30	—	22	—	—	—	3	0	12
1991	30	—	8	5	13	—	43	—	38	—	—	—	1	1	15
1992	30	—	9	4	13	—	43	—	31	—	—	—	0	1	14
1993	35	—	22	9	31	—	89	—	29	—	—	—	2	2	35
1994	39	—	17	7	24	—	62	—	29	—	—	—	1	0	25
1995	47	—	18	12	30	—	64	—	40	—	—	—	0	0	30
1996	47	—	14	10	24	3.2	51	—	42	—	14	—	0	1	25
1997	—	40	20	20	40	4.3	—	100	50	—	29	—	0	5	45
1998	—	40	21	20	41	3.2	—	103	49	—	19	0.27	0	1	42
1999	—	25	10	16	26	3.4	—	104	62	—	12	0.23	1	0	27
2000	—	25	17	10	27	3.6	—	108	37	—	24	0.15	0	0	27
2001	—	30	11	17	28	3.4	—	93	61	—	8	0.41	0	0	28
Mean	37	32	15	11	26	3.5	55	102	41	—	18	0.27	1	1	27

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Fillmore, Oak Creek (21a), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	7	1	4	5	2.4	—	71	80	—	0	0.36	0	0	5
2003	—	7	3	4	7	3.3	—	100	57	—	14	0.17	0	0	7
2004	—	10	4	1	5	3.2	—	50	20	—	0	0.19	0	1	6
2005	1	15	2	3	5	2.4	—	33	60	—	0	0.10	0	0	5
2006	10	—	2	2	4	4.0	40	—	50	—	50	0.19	0	0	4
2007	10	—	3	2	5	2.8	50	—	40	—	0	0.06	0	0	5
2008	10	—	2	2	4	2.5	40	—	50	25	0	0.03	0	0	4
2009	10	—	1	1	2	2.5	20	—	50	50	0	0.16	1	0	3
2010	—	8	3	3	6	2.6	—	75	50	50	0	0.05	0	0	6
2011	8	—	1	3	4	3.0	50	—	75	25	25	0.12	0	0	4
2012	8	—	1	3	4	3.8	—	—	75	50	25	0.05	0	0	4
2013	8	—	1	0	1	6.0	—	—	0	0	100	0.19	0	1	2
2014	12	—	2	0	2	3.5	—	—	0	0	0	0.34	0	0	2
2015	—	12	4	2	6	6.8	—	50	33	33	50	0.09	1	0	7
2016	—	12	1	3	4	3.3	—	33	75	50	25	0.54	0	0	4
2017	—	12	4	2	6	2.7	—	50	33	0	17	0.16	0	0	6
2018	—	12	1	3	4	3.0	—	33	75	50	50	0.21	0	0	4
2019	—	12	2	0	2	2.5	—	17	0	0	0	0.24	1	1	4
2020	—	12	2	0	2	2.5	—	17	0	0	0	0.11	0	1	3
2021	—	Unlimited	2	0	2	1.5	—	—	0	0	0	0.17	0	0	2
2022	—	Unlimited	1	2	3	2.0	—	—	67	33	0	0.00	0	1	4
2023	—	Unlimited	2	0	2	2.5	—	—	0	0	0	0.00	0	0	2
2024	—	—	2	1	3	3.0	—	—	33	33	33	—	0	1	4
Mean	9	11	2	2	4	3.1	35	48	40	24	17	0.16	0	0	4

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Fillmore, Pahvant (21b), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	20	9	8	17	2.6	—	85	47	—	7	0.20	0	2	19
2003	11	7	9	4	13	5.3	73	86	31	—	33	0.21	0	1	14
2004	11	7	8	6	14	3.8	64	100	43	—	40	0.50	0	1	15
2005	18	15	5	2	7	2.2	17	27	29	—	0	0.11	1	1	9
2006	15	—	8	2	10	2.3	67	—	20	—	0	0.10	0	1	11
2007	10	—	5	3	8	2.6	80	—	38	—	13	0.19	0	0	8
2008	10	—	7	4	11	3.2	100	—	36	27	18	0.26	0	0	11
2009	10	—	6	4	10	5.4	90	—	40	40	40	0.25	0	2	12
2010	10	—	7	3	10	3.7	70	—	30	20	22	0.62	1	0	11
2011	9	—	9	2	11	3.7	89	—	18	9	30	0.31	0	4	15
2012	9	—	16	4	20	2.7	—	—	20	20	0	0.23	0	1	21
2013	9	—	11	5	16	4.3	—	—	31	25	38	0.38	0	1	17
2014	9	—	4	4	8	3.4	—	—	50	38	20	0.39	0	1	9
2015	9	—	4	3	7	3.4	67	—	43	43	14	0.61	0	0	7
2016	10	—	6	1	7	3.8	60	—	14	0	20	1.31	0	0	7
2017	11	—	7	4	11	4.1	100	—	36	27	27	0.25	1	0	12
2018	14	—	13	2	15	3.5	107	—	13	7	21	0.20	0	0	15
2019	19	—	11	5	16	4.7	84	—	31	31	40	0.25	0	0	16
2020	19	—	9	6	16	2.9	84	—	38	31	13	0.19	0	2	18
2021	—	Unlimited	10	16	26	2.7	—	—	62	38	17	0.10	0	1	27
2022	—	Unlimited	7	8	15	2.9	—	—	53	40	7	0.08	0	1	16
2023	—	Unlimited	5	9	14	3.7	—	—	64	50	29	0.33	0	1	15
2024	—	—	3	5	8	2.7	—	—	63	25	17	—	0	0	8
Mean	12	12	8	5	13	3.5	89	74	37	28	20	0.32	0	1	14

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Fishlake (25a), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	30	—	10	6	16	—	53	—	38	—	—	—	3	3	22
1991	30	—	13	4	17	—	57	—	24	—	—	—	6	3	26
1992	30	—	14	7	21	—	70	—	33	—	—	—	2	3	26
1993	36	—	23	7	30	—	83	—	23	—	—	—	7	3	40
1994	36	—	12	11	23	—	64	—	48	—	—	—	3	2	28
1995	43	—	11	16	27	—	63	—	59	—	—	—	4	8	39
1996	40	—	15	8	23	3.2	58	—	35	—	—	—	4	0	27
1997	45	—	11	20	31	4.2	69	—	65	—	—	—	4	1	36
1998	25	—	6	3	9	2.5	36	—	33	—	—	0.32	1	0	10
1999	15	—	6	3	9	3.1	60	—	33	—	—	0.32	0	0	9
2000	15	—	9	2	11	2.8	73	—	18	—	0	0.33	0	2	13
2001	15	—	5	5	10	3.8	67	—	50	—	20	0.28	0	1	11
2002	—	8	5	6	11	2.1	—	138	55	—	0	0.28	3	1	15
2003	6	4	6	2	8	2.0	67	100	25	—	14	0.32	0	3	11
2004	5	4	5	3	8	3.3	20	175	38	—	17	0.25	0	1	9
2005	6	8	7	5	12	1.8	67	100	42	—	0	0.12	0	1	13
2006	11	—	7	4	11	2.7	100	—	36	—	18	0.13	0	1	12
2007	11	—	6	3	9	3.5	82	—	33	—	17	0.29	0	3	12
2008	10	—	6	3	9	2.7	80	—	33	11	11	0.16	0	1	10
2009	7	—	6	4	10	3.1	129	—	40	20	10	0.20	0	1	11
2010	7	—	6	1	7	3.1	71	—	14	14	14	0.13	0	1	8
2011	8	—	6	5	11	3.8	125	—	45	45	27	0.27	3	0	14
2012	8	—	8	5	13	2.8	—	—	38	31	0	0.26	2	0	15
2013	8	—	9	1	10	3.8	—	—	10	10	33	0.30	1	0	11
2014	10	—	9	4	13	3.5	—	—	31	23	17	0.29	0	1	14
2015	10	—	6	4	10	2.9	90	—	40	20	22	0.28	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Fishlake (25a), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	12	—	8	3	11	4.5	83	—	27	27	38	0.18	0	1	12
2017	16	—	9	2	11	2.9	69	—	18	9	0	0.22	0	2	13
2018	16	—	11	5	16	2.6	100	—	31	13	9	0.26	1	3	20
2019	16	—	7	7	14	3.1	88	—	50	21	15	0.18	0	1	15
2020	12	—	9	4	13	2.5	100	—	31	15	0	0.11	0	2	15
2021	12	—	8	4	12	2.1	92	—	33	17	0	0.27	0	0	12
2022	—	Unlimited	9	13	22	2.3	—	—	59	41	10	0.23	0	1	23
2023	—	Unlimited	5	10	15	3.6	—	—	67	60	23	0.14	0	1	16
2024	—	—	2	9	11	3.6	—	—	82	45	27	—	0	0	11
Mean	18	6	9	6	14	3.0	80	128	38	25	14	0.24	1	1	17

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Henry Mountains (15), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	4	—	0	0	0	—	0	—	—	—	—	—	0	1	1
1991	4	—	1	1	2	—	50	—	50	—	—	—	0	0	2
1992	4	—	1	0	1	—	25	—	0	—	—	—	0	0	1
1993	4	—	1	1	2	—	50	—	50	—	—	—	0	0	2
1994	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1995	4	—	1	1	2	—	50	—	50	—	—	—	0	0	2
1996	4	—	2	1	3	4.0	75	—	33	—	—	—	0	0	3
1997	—	5	1	5	6	4.4	—	120	83	—	—	—	0	0	6
1998	—	5	1	2	3	3.0	—	60	67	—	—	0.40	0	0	3
1999	—	5	3	0	3	1.3	—	60	0	—	—	0.38	0	0	3
2000	—	5	3	2	5	3.5	—	100	40	—	40	0.73	0	0	5
2001	—	8	3	3	6	2.8	—	75	50	—	20	0.55	0	0	6
2002	—	8	6	1	7	2.3	—	88	14	—	0	0.12	0	0	7
2003	—	8	3	4	7	4.0	—	88	57	—	17	0.35	0	0	7
2004	—	8	2	3	5	3.6	—	63	60	—	20	—	0	0	5
2005	—	8	1	0	1	—	—	13	0	—	—	0.28	0	0	1
2006	—	8	2	1	3	3.0	—	38	33	—	0	0.21	0	0	3
2007	—	6	0	0	0	—	—	0	—	—	—	0.38	0	0	0
2008	—	4	1	1	2	2.0	—	50	50	50	0	0.00	0	0	2
2009	—	4	1	1	2	4.0	—	50	50	50	50	—	0	0	2
2010	—	4	0	0	0	—	—	0	—	—	—	—	0	0	0
2011	—	3	0	1	1	1.0	—	33	—	0	0	0.12	0	0	1
2012	—	—	2	3	5	4.0	—	—	60	20	50	0.21	0	0	5
2013	—	—	4	3	7	3.0	—	—	43	29	0	0.46	0	0	7
2014	—	—	1	2	3	4.3	—	—	67	33	67	0.05	0	0	3
2015	—	12	5	4	9	2.3	—	75	44	33	0	0.89	0	0	9

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Henry Mountains (15), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	12	4	0	4	2.5	—	33	0	0	0	0.12	0	0	4
2017	—	12	1	3	4	3.3	—	33	75	25	25	0.00	0	0	4
2018	—	12	3	1	4	2.5	—	33	25	0	0	0.00	0	0	4
2019	—	12	4	2	6	4.0	—	50	33	33	17	0.00	0	0	6
2020	—	12	4	4	8	2.5	—	67	50	50	0	—	0	0	8
2021	—	Unlimited	2	2	4	3.8	—	—	50	25	25	0.46	0	0	4
2022	—	Unlimited	2	1	3	3.0	—	—	33	33	0	0.00	0	0	3
2023	—	Unlimited	3	2	5	2.6	—	—	40	40	0	0.00	0	0	5
2024	—	—	4	4	8	3.6	—	—	50	25	25	—	0	0	8
Mean	4	8	2	2	4	3.1	36	58	42	27	16	0.26	0	0	4

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Kaiparowits (26), Utah 1997–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1997	—	10	1	0	1	6.0	—	10	0	—	—	—	1	0	2
1998	—	10	2	0	2	4.0	—	20	0	—	—	0.06	1	0	3
1999	—	10	0	0	0	—	—	0	—	—	—	0.13	1	0	1
2000	—	10	1	0	1	1.5	—	10	0	—	0	0.17	1	0	2
2001	—	10	1	1	2	7.0	—	20	50	—	67	0.63	0	0	2
2002	—	10	0	1	1	1.0	—	10	100	—	0	0.04	1	0	2
2003	—	10	2	1	3	4.7	—	30	33	—	33	—	0	0	3
2004	—	10	1	0	1	1.0	—	10	0	—	0	—	2	0	3
2005	—	10	0	1	1	—	—	10	100	—	—	0.06	0	0	1
2006	—	10	1	1	2	3.5	—	20	50	—	50	0.21	0	0	2
2007	—	10	0	1	1	3.0	—	10	100	—	0	—	0	0	1
2008	—	7	0	1	1	2.0	—	14	100	0	0	0.16	0	0	1
2009	—	7	1	0	1	6.0	—	14	0	0	100	—	0	0	1
2010	—	7	4	1	5	2.0	—	71	20	0	0	—	1	0	6
2011	—	6	1	1	2	4.0	—	33	50	50	50	0.29	0	0	2
2012	—	—	1	1	2	2.0	—	—	50	50	0	0.24	0	0	2
2013	—	—	0	0	0	—	—	—	—	—	—	0.15	0	0	0
2014	—	—	3	0	3	4.0	—	—	0	0	50	0.12	0	1	4
2015	—	Unlimited	0	1	1	3.0	—	—	100	100	0	0.00	0	0	1
2016	—	Unlimited	2	0	2	—	—	—	0	0	—	0.04	0	0	2
2017	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2018	—	Unlimited	1	0	1	4.0	—	—	0	0	0	—	0	0	1
2019	—	Unlimited	1	3	4	2.7	—	—	75	25	33	0.62	0	0	4
2020	—	Unlimited	1	0	1	4.0	—	—	0	0	0	—	1	0	2
2021	—	Unlimited	1	0	1	4.0	—	—	0	0	0	—	0	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Kaiparowits (26), Utah 1997–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2022	—	Unlimited	1	0	1	2.0	—	—	0	0	—	0.24	0	0	1
2023	—	Unlimited	1	0	1	—	—	—	0	0	0	—	0	0	1
2024	—	—	0	1	1	1.0	—	—	100	100	0	—	0	0	1
Mean	—	9	1	1	2	3.3	—	18	37	22	19	0.20	0	0	2

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Kamas (7), Utah 2020–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2020	6	—	2	2	4	4.0	50	—	50	25	33	0.61	4	0	8
2021	7	—	1	6	7	2.3	86	—	86	29	0	0.10	0	1	8
2022	5	—	1	2	3	3.0	60	—	67	33	0	—	0	0	3
2023	5	—	4	0	4	2.3	80	—	0	0	0	0.13	0	0	4
2024	—	—	2	1	3	3.0	—	—	33	33	0	—	0	0	3
Mean	6	—	2	2	4	3.0	69	—	47	31	7	0.28	1	0	5

*Includes limited-entry, conservation and expo permits.

Cougar mortality for La Sal (13), Utah 2007–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2007	—	10	4	2	6	2.7	—	60	33	—	17	0.28	0	1	7
2008	—	10	0	1	1	1.0	—	10	100	0	0	0.31	0	1	2
2009	—	7	2	2	4	5.0	—	57	50	50	67	0.42	0	1	5
2010	—	7	5	1	6	3.7	—	86	17	17	17	0.14	0	0	6
2011	—	5	3	2	5	4.0	—	100	40	40	0	0.40	0	0	5
2012	—	—	7	2	9	2.5	—	—	22	11	0	0.24	0	0	9
2013	—	—	2	5	7	4.6	—	—	71	43	57	0.28	0	0	7
2014	—	—	8	5	13	4.0	—	—	38	23	33	0.50	0	0	13
2015	—	15	3	3	6	3.2	—	40	50	50	40	0.32	0	0	6
2016	—	15	5	2	7	3.6	—	47	29	14	29	0.23	0	0	7
2017	—	15	2	2	4	2.0	—	27	50	0	0	0.14	0	0	4
2018	—	15	5	1	6	2.6	—	40	17	17	0	0.22	1	0	7
2019	—	15	5	5	10	3.5	—	67	50	50	10	0.13	0	0	10
2020	—	15	3	1	4	2.3	—	27	25	0	0	0.26	0	0	4
2021	—	Unlimited	4	1	5	3.0	—	—	20	20	20	0.27	0	0	5
2022	—	Unlimited	1	4	5	2.2	—	—	80	60	20	0.12	0	0	5
2023	—	Unlimited	5	5	10	2.6	—	—	50	40	11	0.01	0	0	10
2024	—	—	5	5	10	2.9	—	—	50	20	13	—	0	0	10
Mean	—	11	4	3	7	3.1	—	66	44	26	19	0.25	0	0	7

*Includes limited-entry, conservation and expo permits.
Both subunits were recombined in 2007.

Cougar mortality for La Sal, Dolores Triangle (13b), Utah 1994–2006.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1994	5	—	1	0	1	—	20	—	0	—	—	—	0	0	1
1995	5	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1996	5	—	2	0	2	4.0	40	—	0	—	—	—	0	0	2
1997	—	5	0	0	0	—	—	0	—	—	—	—	0	0	0
1998	—	5	0	0	0	—	—	0	—	—	—	0.34	0	0	0
1999	5	—	0	0	0	—	0	—	—	—	—	0.23	0	0	0
2000	—	5	0	0	0	—	—	0	—	—	—	0.36	0	0	0
2001	—	5	0	0	0	—	—	0	—	—	—	—	0	0	0
2002	—	5	0	0	0	—	—	0	—	—	—	—	0	0	0
2003	—	5	0	0	0	—	—	0	—	—	—	0.12	0	0	0
2004	—	10	0	0	0	—	—	0	—	—	—	0.00	1	0	1
2005	—	10	1	0	1	—	—	10	0	—	—	1.15	0	0	1
2006	—	5	0	0	0	—	—	0	—	—	—	—	0	1	1
Mean	5	6	0	0	0	4.0	15	1	0	—	—	0.37	0	0	0

*Includes limited-entry, conservation and expo permits.

Cougar mortality for La Sal, La Sal Mountains (13a), Utah 1990–2006.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	8	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1991	8	—	2	0	2	—	25	—	0	—	—	—	1	0	3
1992	8	—	1	1	2	—	25	—	50	—	—	—	1	0	3
1993	8	—	3	1	4	—	50	—	25	—	—	—	0	3	7
1994	9	—	3	1	4	—	44	—	25	—	—	—	0	0	4
1995	12	—	2	0	2	—	17	—	0	—	—	—	0	0	2
1996	12	—	3	2	5	2.9	42	—	40	—	0	—	1	0	6
1997	—	10	1	0	1	2.5	—	10	0	—	0	—	0	2	3
1998	—	10	3	0	3	2.3	—	30	0	—	0	0.34	0	0	3
1999	—	10	1	2	3	2.0	—	30	67	—	0	0.23	0	0	3
2000	—	10	4	3	7	2.9	—	70	43	—	0	0.36	0	0	7
2001	—	7	2	0	2	2.5	—	29	0	—	0	0.67	0	1	3
2002	—	7	5	0	5	2.4	—	71	0	—	0	0.14	4	0	9
2003	—	7	3	3	6	4.3	—	86	50	—	33	0.36	0	0	6
2004	—	15	3	0	3	2.5	—	20	0	—	0	0.10	4	0	7
2005	—	15	0	0	0	—	—	0	—	—	—	0.16	2	0	2
2006	—	10	1	0	1	7.0	—	10	0	—	100	0.24	0	1	2
Mean	9	10	2	1	3	3.1	29	36	20	—	13	0.29	1	0	4

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Manti, North (16b - Central Mtns, North Manti), Utah 1990–2003.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	20	—	6	6	12	—	60	—	50	—	—	—	3	1	16
1991	20	—	9	2	11	—	55	—	18	—	—	—	2	1	14
1992	20	—	10	1	11	—	55	—	9	—	—	—	4	5	20
1993	35	—	15	8	23	—	66	—	35	—	—	—	3	5	31
1994	42	—	17	8	25	—	60	—	32	—	—	—	1	0	26
1995	52	—	20	10	30	—	58	—	33	—	—	—	2	3	35
1996	49	—	14	14	28	2.3	57	—	50	—	7	—	0	0	28
1997	48	—	13	10	23	3.2	48	—	43	—	8	—	1	0	24
1998	45	—	7	10	17	3.7	38	—	59	—	17	0.40	0	2	19
1999	40	—	11	13	24	3.2	60	—	54	—	11	0.34	4	0	28
2000	28	—	11	7	18	2.7	64	—	39	—	3	0.37	5	0	23
2001	28	—	11	7	18	2.8	64	—	39	—	6	0.18	0	2	20
2002	27	—	11	6	17	3.5	63	—	35	—	18	0.22	5	2	24
2003	28	—	9	6	15	2.7	54	—	40	—	0	0.24	3	7	25
Mean	34	—	12	8	19	3.0	57	—	38	—	9	0.29	2	2	24

*Includes limited-entry, conservation and expo permits.
Before 2003, subunit was named "Manti, North Manti".

Cougar mortality for Manti, Northeast (16b2), Utah 2004–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	—	20	9	11	20	4.7	—	100	55	—	44	—	0	0	20
2005	20	10	3	5	8	3.7	20	40	63	—	29	0.10	1	0	9
2006	18	—	5	1	6	2.4	33	—	17	—	0	0.27	1	0	7
2007	17	—	3	2	5	2.2	29	—	40	—	0	0.14	0	0	5
2008	13	—	4	1	5	4.6	31	—	20	20	40	0.33	1	0	6
2009	13	—	5	2	7	3.4	54	—	29	14	14	0.10	0	0	7
2010	13	—	3	8	11	2.8	85	—	73	45	0	0.13	1	0	12
2011	13	—	4	6	10	3.7	77	—	60	40	40	0.21	0	1	11
2012	13	—	2	2	4	3.3	—	—	50	50	25	0.23	0	0	4
2013	13	—	4	3	7	5.7	—	—	43	43	83	0.24	0	0	7
2014	10	—	6	0	6	2.8	—	—	0	0	17	0.31	0	0	6
2015	10	—	3	4	7	2.5	60	—	57	29	17	0.29	1	0	8
2016	10	—	3	2	5	3.4	50	—	40	0	20	0.68	2	0	7
2017	13	—	3	3	6	3.3	46	—	50	17	33	0.28	0	0	6
2018	13	—	8	2	10	3.6	77	—	20	20	36	0.17	1	0	11
2019	16	—	5	8	13	2.7	81	—	62	46	9	0.10	1	0	14
2020	16	—	7	2	9	4.7	56	—	22	22	57	0.13	0	0	9
2021	—	Unlimited	8	10	18	2.7	—	—	56	28	7	0.20	0	3	21
2022	—	Unlimited	5	2	7	2.5	—	—	29	0	0	0.05	0	0	7
2023	—	Unlimited	2	4	6	2.7	—	—	67	17	17	0.07	1	0	7
2024	—	—	3	6	9	3.3	—	—	67	33	13	—	0	0	9
Mean	14	15	5	4	9	3.4	53	70	44	24	24	0.21	1	1	9

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Manti, Northwest (16b1), Utah 2004–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	16	—	6	2	8	2.7	50	—	25	—	0	—	0	1	9
2005	17	—	8	2	10	1.6	59	—	20	—	0	0.18	1	1	12
2006	16	—	4	2	6	3.2	38	—	33	—	17	0.35	0	0	6
2007	12	—	1	4	5	4.0	42	—	80	—	40	0.50	0	0	5
2008	10	—	4	0	4	2.5	40	—	0	0	0	0.43	0	0	4
2009	10	—	6	0	6	3.5	60	—	0	0	17	0.21	0	1	7
2010	10	—	8	1	9	2.7	90	—	11	0	11	0.10	0	0	9
2011	13	—	7	3	10	4.1	77	—	30	30	40	0.30	0	0	10
2012	13	—	5	3	8	2.8	—	—	38	25	0	0.06	0	2	10
2013	13	—	5	3	8	3.4	—	—	38	25	14	0.34	0	0	8
2014	10	—	6	6	12	3.3	—	—	50	33	18	0.23	1	0	13
2015	10	—	4	2	6	2.3	60	—	33	33	0	0.19	0	0	6
2016	9	—	4	2	6	6.0	56	—	33	33	40	0.62	1	0	7
2017	9	—	4	2	6	3.2	67	—	33	33	0	0.40	3	0	9
2018	9	—	8	3	11	4.0	122	—	27	27	22	0.26	0	0	11
2019	11	—	6	5	11	2.7	100	—	45	18	0	0.13	0	1	12
2020	12	—	5	3	8	3.0	67	—	38	38	0	0.45	0	1	9
2021	—	Unlimited	5	9	14	2.2	—	—	64	29	9	0.46	1	0	15
2022	—	Unlimited	5	2	7	1.7	—	—	29	29	0	0.13	0	1	8
2023	—	Unlimited	4	4	8	2.8	—	—	50	25	13	—	0	0	8
2024	—	—	5	6	11	2.9	—	—	55	27	20	—	1	0	12
Mean	12	—	5	3	8	3.1	68	—	35	23	12	0.30	0	0	9

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Manti, South (16c - Central Mtns, South Manti), Utah 1990–2003.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	29	—	12	3	15	—	52	—	20	—	—	—	2	1	18
1991	29	—	12	5	17	—	59	—	29	—	—	—	6	0	23
1992	29	—	14	3	17	—	59	—	18	—	—	—	5	1	23
1993	33	—	25	6	31	—	94	—	19	—	—	—	5	2	38
1994	37	—	20	9	29	—	78	—	31	—	—	—	4	0	33
1995	56	—	17	18	35	—	63	—	51	—	—	—	5	9	49
1996	44	—	13	14	27	3.4	61	—	52	—	7	—	3	1	31
1997	36	—	19	6	25	2.8	69	—	24	—	8	—	3	0	28
1998	40	—	15	9	24	2.4	60	—	38	—	17	0.40	3	2	29
1999	25	—	10	6	16	3.2	64	—	38	—	11	0.34	1	0	17
2000	20	—	10	5	15	2.7	75	—	33	—	3	0.37	0	0	15
2001	20	—	8	7	15	3.7	75	—	47	—	21	0.34	3	1	19
2002	21	—	13	4	17	3.7	81	—	24	—	13	0.31	1	1	19
2003	20	—	14	4	18	3.6	90	—	22	—	14	0.28	11	1	30
Mean	31	—	14	7	22	3.2	70	—	32	—	12	0.34	4	1	27

*Includes limited-entry, conservation and expo permits.
Before 2003, subunit was named "Manti, South Manti".

Cougar mortality for Manti, Southeast (16c2), Utah 2004–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	—	20	9	11	20	3.8	—	100	55	—	28	—	4	1	25
2005	19	10	7	10	17	3.6	37	100	59	—	29	0.13	1	1	19
2006	18	—	3	1	4	3.0	22	—	25	—	0	0.14	2	0	6
2007	18	—	6	1	7	3.0	39	—	14	—	17	0.16	0	0	7
2008	12	—	3	2	5	2.0	33	—	40	0	0	0.48	0	1	6
2009	12	—	7	1	8	3.5	58	—	13	0	25	0.60	0	0	8
2010	11	—	5	6	11	4.5	100	—	55	36	20	0.32	0	0	11
2011	11	—	9	2	11	4.4	91	—	18	18	55	0.21	0	1	12
2012	11	—	14	3	17	3.5	—	—	18	18	18	0.47	1	0	18
2013	11	—	7	3	10	4.9	—	—	30	30	30	0.27	0	1	11
2014	10	—	9	2	11	2.3	100	—	18	18	13	0.13	0	0	11
2015	10	—	6	4	10	4.2	90	—	40	30	22	0.25	0	4	14
2016	13	—	8	3	11	4.6	77	—	27	18	38	0.24	0	3	14
2017	16	—	13	2	15	3.9	94	—	13	7	33	0.17	0	1	16
2018	18	—	13	4	17	3.6	94	—	24	24	29	0.30	0	0	17
2019	20	—	14	4	18	2.9	90	—	22	17	12	0.19	0	1	19
2020	26	—	8	4	12	3.0	46	—	33	25	22	0.25	0	0	12
2021	—	Unlimited	11	16	27	2.8	—	—	59	48	17	0.31	0	0	27
2022	—	Unlimited	5	3	8	2.5	—	—	38	38	29	0.23	0	0	8
2023	—	Unlimited	4	6	10	2.0	—	—	60	10	0	0.20	0	0	10
2024	—	—	4	9	13	4.6	—	—	69	62	50	—	0	0	13
Mean	15	15	8	5	12	3.5	76	100	35	23	23	0.27	0	1	14

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Manti, Southwest (16c1), Utah 2004–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	16	—	10	3	13	2.8	81	—	23	—	0	—	11	5	29
2005	16	—	8	2	10	2.0	63	—	20	—	0	0.32	1	0	11
2006	11	—	7	4	11	2.9	100	—	36	—	10	0.32	3	0	14
2007	8	—	3	3	6	3.5	75	—	50	—	17	0.30	0	0	6
2008	5	—	4	1	5	3.4	80	—	20	20	20	0.38	0	0	5
2009	5	—	6	0	6	3.0	60	—	0	0	0	0.43	0	2	8
2010	5	—	8	3	11	3.1	200	—	27	27	10	0.95	1	0	12
2011	8	—	7	1	8	3.6	100	—	13	13	25	0.17	2	1	11
2012	8	—	14	5	19	2.8	—	—	26	16	5	0.29	2	0	21
2013	8	—	6	7	13	4.2	—	—	54	38	38	0.25	1	0	14
2014	6	—	5	3	8	4.3	—	—	38	25	14	0.36	3	0	11
2015	6	—	3	0	3	2.3	33	—	0	0	0	0.57	0	0	3
2016	5	—	5	2	7	5.2	60	—	29	29	67	0.25	0	0	7
2017	8	—	9	1	10	3.4	125	—	10	0	20	0.05	0	0	10
2018	12	—	8	4	12	3.2	100	—	33	25	13	0.27	1	0	13
2019	18	—	11	8	19	3.3	106	—	42	32	13	0.19	1	1	21
2020	18	—	15	3	18	2.3	100	—	17	11	6	0.40	0	1	19
2021	—	Unlimited	12	6	18	2.2	—	—	33	28	0	0.13	1	0	19
2022	—	Unlimited	5	3	8	2.6	—	—	38	38	22	0.14	0	1	9
2023	—	Unlimited	9	7	16	2.8	—	—	44	38	13	0.08	0	1	17
2024	—	—	3	8	11	2.5	—	—	73	36	10	—	0	0	11
Mean	10	—	8	4	11	3.1	104	—	30	21	14	0.31	1	1	13

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Monroe (23), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	27	—	7	4	11	—	41	—	36	—	—	—	0	0	11
1991	27	—	11	6	17	—	63	—	35	—	—	—	0	0	17
1992	27	—	8	7	15	—	56	—	47	—	—	—	0	0	15
1993	34	—	10	8	18	—	53	—	44	—	—	—	2	0	20
1994	37	—	18	6	24	—	65	—	25	—	—	—	5	2	31
1995	34	—	11	5	16	—	47	—	31	—	—	—	0	0	16
1996	24	—	8	6	14	3.2	58	—	43	—	—	—	2	1	17
1997	40	—	9	8	17	3.8	43	—	47	—	—	—	2	1	20
1998	30	—	11	4	15	2.6	50	—	27	—	—	0.31	5	0	20
1999	25	—	5	2	7	2.7	28	—	29	—	—	0.42	0	0	7
2000	15	—	5	4	9	2.6	60	—	44	—	17	0.21	0	0	9
2001	15	—	4	2	6	4.4	40	—	33	—	40	0.16	0	0	6
2002	5	—	2	1	3	2.3	60	—	33	—	0	0.21	0	0	3
2003	5	—	4	0	4	2.7	80	—	0	—	0	0.30	0	0	4
2004	5	—	2	3	5	3.5	100	—	60	—	25	0.22	2	2	9
2005	6	—	6	0	6	2.0	100	—	0	—	0	0.22	0	1	7
2006	4	—	3	1	4	3.0	100	—	25	—	0	0.26	1	4	9
2007	5	—	3	0	3	4.3	60	—	0	—	33	0.38	1	9	13
2008	6	—	3	1	4	2.5	67	—	25	0	0	0.44	0	2	6
2009	9	—	7	0	7	3.5	67	—	0	0	17	0.55	2	3	12
2010	10	—	3	3	6	2.6	60	—	50	17	20	0.39	0	1	7
2011	12	—	1	7	8	3.8	67	—	88	75	25	0.31	0	2	10
2012	12	—	4	6	10	2.6	—	—	60	30	10	0.22	0	2	12
2013	12	—	3	1	4	4.3	—	—	25	25	25	0.17	0	1	5
2014	8	—	6	2	8	2.5	—	—	25	13	0	—	0	0	8
2015	8	—	5	1	6	2.0	63	—	17	0	0	0.23	0	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Monroe (23), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	9	—	7	2	9	3.4	56	—	22	11	38	0.06	0	0	9
2017	9	—	4	5	9	4.6	100	—	56	44	33	0.23	0	0	9
2018	9	—	8	1	9	2.7	100	—	11	0	0	0.36	0	0	9
2019	15	—	12	2	14	4.0	87	—	14	14	31	0.24	2	1	17
2020	23	—	10	3	13	3.0	52	—	23	15	11	0.17	1	1	15
2021	22	—	7	4	11	2.7	50	—	36	27	22	0.13	0	3	14
2022	22	—	3	2	5	3.0	23	—	40	40	20	0.19	0	0	5
2023	22	—	5	3	8	2.9	32	—	38	38	25	0.06	0	2	10
2024	—	—	4	9	13	3.9	—	—	69	46	25	—	0	0	13
Mean	17	—	6	3	10	3.1	63	—	33	23	17	0.26	1	1	11

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Morgan-South Rich (4), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	13	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1991	13	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1992	13	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1993	13	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1994	14	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1995	14	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1996	7	—	3	2	5	2.5	71	—	40	—	—	—	3	1	9
1997	7	—	2	2	4	4.5	57	—	50	—	—	—	0	0	4
1998	7	—	1	2	3	2.5	43	—	67	—	—	0.42	1	1	5
1999	8	—	3	3	6	3.6	75	—	50	—	—	0.61	0	0	6
2000	12	—	6	4	10	1.6	83	—	40	—	0	0.44	0	0	10
2001	—	10	8	8	16	3.3	—	160	50	—	25	0.63	0	0	16
2002	—	12	4	5	9	2.9	—	75	56	—	13	0.30	0	2	11
2003	16	—	7	5	12	2.5	75	—	42	—	11	0.48	0	0	12
2004	16	—	7	4	11	3.0	69	—	36	—	11	0.26	2	1	14
2005	16	—	4	6	10	2.3	63	—	60	—	11	0.28	1	0	11
2006	11	—	5	6	11	3.3	100	—	55	—	30	0.27	0	0	11
2007	8	—	3	1	4	2.5	50	—	25	—	25	0.23	1	0	5
2008	8	—	2	1	3	2.0	38	—	33	0	0	0.28	0	0	3
2009	5	—	2	1	3	1.7	60	—	33	0	0	0.35	1	1	5
2010	6	—	3	1	4	2.8	67	—	25	0	0	0.20	0	0	4
2011	6	—	5	1	6	3.3	100	—	17	17	17	0.13	1	0	7
2012	6	—	3	2	5	2.8	67	—	40	20	20	0.16	2	0	7
2013	6	—	5	0	5	4.2	50	—	0	0	20	0.26	1	0	6
2014	6	—	2	3	5	5.3	83	—	60	40	67	0.39	1	0	6
2015	6	—	2	4	6	5.0	100	—	67	67	33	0.36	1	1	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Morgan-South Rich (4), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	8	—	7	3	10	3.7	88	—	30	20	30	0.53	2	0	12
2017	6	—	5	0	5	3.3	83	—	0	0	25	0.41	2	1	8
2018	10	—	7	1	8	3.1	80	—	13	13	7	0.33	5	5	18
2019	15	—	10	5	15	2.9	100	—	33	27	15	0.38	4	0	19
2020	23	—	10	13	23	2.8	100	—	57	39	13	0.33	4	0	27
2021	22	—	12	13	25	3.0	109	—	52	28	17	0.21	2	1	28
2022	20	—	10	12	22	2.3	110	—	55	32	15	0.09	1	5	28
2023	—	Unlimited	14	16	30	2.5	—	—	53	27	13	0.06	0	1	30
2024	—	—	10	8	18	3.2	—	—	44	17	15	—	0	0	18
Mean	11	11	5	4	8	3.1	62	118	41	19	17	0.32	1	2	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Mt Dutton (24), Utah 1996–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	15	—	5	3	8	3.0	53	—	38	—	—	—	0	1	9
1997	20	—	8	3	11	4.3	55	—	27	—	—	—	1	0	12
1998	20	—	2	6	8	4.8	40	—	75	—	—	0.45	0	0	8
1999	15	—	2	3	5	3.4	33	—	60	—	0	0.11	0	0	5
2000	15	—	1	5	6	3.2	40	—	83	—	40	0.13	0	0	6
2001	10	—	3	0	3	4.3	30	—	0	—	33	0.60	0	0	3
2002	5	—	1	2	3	4.0	60	—	67	—	50	0.18	0	0	3
2003	5	—	3	1	4	5.0	80	—	25	—	67	0.57	0	0	4
2004	10	—	1	1	2	4.0	20	—	50	—	0	0.12	2	1	5
2005	—	10	5	5	10	3.7	—	100	50	—	30	0.16	2	1	13
2006	10	—	5	5	10	3.4	100	—	50	—	11	0.23	1	0	11
2007	10	—	5	2	7	2.9	70	—	29	—	14	0.24	3	0	10
2008	11	—	5	6	11	2.4	100	—	55	9	0	0.49	0	0	11
2009	11	—	6	4	10	3.3	91	—	40	30	30	0.19	0	0	10
2010	10	—	3	5	8	4.6	80	—	63	50	38	0.83	0	0	8
2011	16	—	6	2	8	3.6	50	—	25	25	0	0.22	0	0	8
2012	16	—	3	0	3	2.3	—	—	0	0	0	0.08	0	0	3
2013	16	—	2	1	3	4.3	—	—	33	33	67	0.14	1	0	4
2014	12	—	1	4	5	2.0	—	—	80	20	0	0.13	0	0	5
2015	14	—	3	4	7	2.8	50	—	57	29	33	0.23	0	0	7
2016	14	—	4	2	6	5.8	43	—	33	33	80	0.10	0	2	8
2017	14	—	6	2	8	2.9	57	—	25	0	25	0.15	0	0	8
2018	15	—	6	3	9	3.3	60	—	33	22	11	0.47	0	0	9
2019	15	—	6	6	12	3.7	80	—	50	50	9	0.29	2	0	14
2020	15	—	3	3	6	1.8	40	—	50	33	0	0.00	0	1	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Mt Dutton (24), Utah 1996–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2021	14	—	6	1	7	2.7	43	—	14	14	0	0.10	1	8	16
2022	—	14	8	4	12	2.1	—	86	33	17	0	0.57	2	0	14
2023	—	14	2	6	8	4.0	—	57	75	75	57	0.86	1	0	9
2024	—	—	1	8	9	4.3	—	—	89	67	43	—	0	0	9
Mean	13	13	4	3	7	3.5	54	81	45	30	25	0.29	1	2	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Nebo (16a), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	26	—	13	3	16	—	62	—	19	—	—	—	16	0	32
1991	26	—	12	10	22	—	85	—	45	—	—	—	13	0	35
1992	26	—	10	5	15	—	58	—	33	—	—	—	8	0	23
1993	34	—	21	6	27	—	79	—	22	—	—	—	7	1	35
1994	34	—	12	7	19	—	56	—	37	—	—	—	11	0	30
1995	52	—	14	17	31	—	60	—	55	—	—	—	2	4	37
1996	43	—	5	11	16	2.9	37	—	69	—	—	—	2	0	18
1997	43	—	16	13	29	2.9	67	—	45	—	—	—	5	1	35
1998	34	—	9	10	19	4.8	56	—	53	—	—	0.40	1	0	20
1999	24	—	12	5	17	3.2	71	—	29	—	—	0.34	0	0	17
2000	24	—	11	3	14	2.7	58	—	21	—	23	0.37	0	0	14
2001	24	—	11	4	15	3.3	63	—	27	—	20	0.21	10	1	26
2002	24	—	10	9	19	3.5	79	—	47	—	24	0.26	2	0	21
2003	18	—	7	8	15	4.5	83	—	53	—	21	0.49	5	0	20
2004	18	—	9	7	16	3.1	89	—	44	—	20	0.44	2	3	21
2005	18	—	6	3	9	2.6	50	—	33	—	0	0.35	2	0	11
2006	12	—	4	3	7	3.3	58	—	43	—	17	0.21	4	0	11
2007	11	—	4	1	5	3.6	45	—	20	—	40	0.10	1	3	9
2008	9	—	3	1	4	3.8	44	—	25	0	25	0.53	5	0	9
2009	9	—	6	1	7	2.7	78	—	14	14	0	0.21	6	1	14
2010	9	—	5	2	7	2.7	78	—	29	29	14	0.38	2	2	11
2011	15	—	9	10	19	3.9	127	—	53	47	26	0.21	5	0	24
2012	15	—	9	5	14	3.4	—	—	36	29	14	0.25	6	1	21
2013	15	—	6	3	9	4.5	—	—	33	33	38	0.28	1	1	11
2014	16	—	7	6	13	3.3	—	—	46	38	20	0.14	4	1	18
2015	9	—	5	2	7	2.6	56	—	29	14	29	0.44	2	0	9

*Includes limited-entry, conservation and expo permits. Before 2003, subunit was named "Manti, Nebo".

Cougar mortality for Nebo (16a), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	9	—	8	3	11	3.4	122	—	27	9	22	0.24	1	0	12
2017	12	—	10	5	15	3.2	125	—	33	13	14	0.37	4	2	21
2018	12	—	13	2	15	2.2	125	—	13	7	0	0.24	4	2	21
2019	12	—	9	3	12	3.2	100	—	25	8	17	0.32	4	0	16
2020	15	—	10	4	14	3.2	93	—	29	29	21	0.37	3	0	17
2021	15	—	7	1	8	1.8	47	—	13	0	0	0.37	7	2	17
2022	15	—	7	5	12	2.3	80	—	42	25	22	0.24	0	0	12
2023	15	—	9	7	16	2.9	107	—	44	38	14	0.12	1	4	21
2024	—	—	10	9	19	3.1	—	—	47	32	28	—	0	0	19
Mean	20	—	9	6	15	3.2	76	—	35	21	19	0.30	4	2	20

*Includes limited-entry, conservation and expo permits. Before 2003, subunit was named "Manti, Nebo".

Cougar mortality for Nebo-West Face (16a1), Utah 2003–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	20	10	10	20	2.9	—	100	50	—	21	0.46	0	0	20
2004	—	20	3	12	15	2.7	—	75	80	—	25	0.27	0	1	16
2005	—	20	6	5	11	1.9	—	55	45	—	0	0.10	0	0	11
2006	—	20	5	9	14	2.4	—	70	64	—	0	0.11	0	0	14
2007	20	—	8	3	11	1.9	55	—	27	—	0	0.39	0	0	11
2008	20	—	4	3	7	2.3	35	—	43	0	0	0.14	0	0	7
2009	20	—	12	3	15	3.5	75	—	20	13	23	0.19	0	0	15
2010	21	—	3	1	5	2.2	24	—	20	0	0	0.09	0	0	5
2011	25	—	9	8	17	4.0	68	—	47	35	31	0.17	0	0	17
2012	25	—	7	4	11	2.3	—	—	36	27	0	0.25	0	0	11
2013	25	—	4	4	8	3.3	—	—	50	38	14	0.22	0	1	9
2014	25	—	4	5	9	2.3	—	—	56	33	0	0.42	0	0	9
2015	10	—	5	2	7	3.0	70	—	29	14	14	0.17	0	0	7
2016	10	—	2	0	2	4.0	20	—	0	0	50	0.00	0	0	2
2017	10	—	9	1	10	3.5	100	—	10	10	30	0.12	0	0	10
2018	12	—	5	2	7	2.0	58	—	29	14	0	0.09	0	0	7
2019	15	—	9	4	13	3.1	87	—	31	15	18	0.17	0	0	13
2020	18	—	6	3	9	3.3	50	—	33	22	14	0.08	0	0	9
2021	—	Unlimited	3	1	4	2.5	—	—	25	0	0	0.14	0	0	4
2022	—	Unlimited	5	3	8	2.0	—	—	38	13	0	0.11	0	0	8
2023	—	Unlimited	1	2	3	2.5	—	—	67	67	0	0.24	0	0	3
2024	—	—	3	5	8	2.3	—	—	63	25	17	—	0	0	8
Mean	18	21	6	4	10	2.7	54	68	39	18	12	0.19	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Nine Mile (11), Utah 2008–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2008	—	12	4	4	8	2.0	—	67	50	13	14	0.06	1	0	9
2009	—	12	7	6	13	3.5	—	108	46	38	23	0.11	1	0	14
2010	—	12	9	3	12	3.1	—	100	25	17	8	0.16	0	0	12
2011	—	12	5	1	6	3.5	—	50	17	17	17	0.37	0	0	6
2012	—	—	7	4	11	3.3	—	—	36	27	18	0.50	0	0	11
2013	—	—	9	3	12	3.9	—	—	25	17	50	0.11	0	0	12
2014	—	—	7	4	11	3.9	—	—	36	27	14	0.17	0	1	12
2015	—	20	10	10	20	3.3	—	100	50	40	17	0.28	0	0	20
2016	—	20	12	6	18	4.0	—	90	33	22	35	0.12	0	0	18
2017	—	22	16	6	22	3.1	—	100	27	18	14	0.16	0	0	22
2018	—	25	12	12	24	3.0	—	96	50	21	0	0.23	0	5	29
2019	—	25	14	11	25	2.9	—	100	44	28	10	0.53	0	0	25
2020	—	38	15	8	23	2.8	—	61	35	22	5	0.12	0	0	23
2021	—	Unlimited	7	6	13	3.4	—	—	46	23	22	0.15	0	0	13
2022	—	Unlimited	9	7	16	2.1	—	—	44	19	0	0.02	0	0	16
2023	—	Unlimited	8	7	15	3.3	—	—	47	20	17	0.11	0	0	15
2024	—	—	7	4	11	3.7	—	—	36	11	8	—	0	0	11
Mean	—	19	9	6	15	3.2	—	85	38	21	16	0.20	0	0	16

*Includes limited-entry, conservation and expo permits.
All subunits were recombined in 2008.

Cougar mortality for Nine Mile, Anthro (11a), Utah 1990–2007.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	12	—	4	0	4	—	33	—	0	—	—	—	2	0	6
1991	12	—	5	3	8	—	67	—	38	—	—	—	0	0	8
1992	12	—	2	2	4	—	33	—	50	—	—	—	0	1	5
1993	12	—	3	3	6	—	50	—	50	—	—	—	0	2	8
1994	13	—	4	1	5	—	38	—	20	—	—	—	1	0	6
1995	13	—	5	4	9	—	69	—	44	—	—	—	1	2	12
1996	13	—	3	1	4	5.0	31	—	25	—	44	—	0	0	4
1997	13	—	2	3	5	3.8	38	—	60	—	20	—	0	0	5
1998	5	—	1	1	2	3.0	40	—	50	—	13	0.41	0	0	2
1999	5	—	1	0	1	2.9	20	—	0	—	0	0.25	0	0	1
2000	5	—	2	2	4	3.4	80	—	50	—	13	0.24	0	0	4
2001	—	6	2	1	3	3.7	—	50	33	—	0	0.43	0	1	4
2002	—	5	3	2	5	3.8	—	100	40	—	25	0.16	0	0	5
2003	—	5	1	1	2	5.0	—	40	50	—	0	0.02	0	1	3
2004	—	5	2	0	2	4.5	—	40	0	—	50	0.10	0	0	2
2005	—	5	1	0	1	—	—	20	0	—	—	0.03	0	0	1
2006	5	—	0	0	0	—	0	—	—	—	—	0.06	0	0	0
2007	3	—	0	2	2	3.0	67	—	100	—	0	0.33	0	0	2
Mean	9	5	2	1	4	3.8	44	50	36	—	17	0.20	0	0	4

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Nine Mile, Range Creek (11bc), Utah 1990–2007.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	16	—	5	3	8	—	50	—	38	—	—	—	0	0	8
1991	16	—	5	1	6	—	38	—	17	—	—	—	0	0	6
1992	16	—	6	1	7	—	44	—	14	—	—	—	0	1	8
1993	16	—	6	0	6	—	38	—	0	—	—	—	1	0	7
1994	16	—	5	4	9	—	56	—	44	—	—	—	0	0	9
1995	16	—	8	4	12	—	75	—	33	—	—	—	0	0	12
1996	16	—	6	1	7	3.6	44	—	14	—	44	—	0	0	7
1997	—	20	9	12	21	3.2	—	105	57	—	20	—	2	1	24
1998	—	16	7	7	14	3.5	—	88	50	—	13	0.41	1	0	15
1999	—	16	11	4	15	2.9	—	94	27	—	0	0.25	0	0	15
2000	—	16	7	9	16	3.4	—	100	56	—	13	0.24	0	0	16
2001	—	16	10	7	17	2.2	—	106	41	—	0	0.33	0	1	18
2002	—	16	11	5	16	2.6	—	100	31	—	6	0.06	1	0	17
2003	—	12	9	6	15	2.4	—	125	40	—	0	0.11	0	0	15
2004	—	25	4	8	12	5.3	—	48	67	—	42	0.06	1	2	15
2005	—	30	4	3	7	2.4	—	23	43	—	0	0.14	0	0	7
2006	—	20	5	4	9	3.1	—	45	44	—	25	0.07	0	1	10
2007	—	15	4	2	6	3.4	—	40	33	—	20	0.09	0	0	6
Mean	16	18	7	5	11	3.2	49	79	36	—	15	0.18	0	0	12

*Includes limited-entry, conservation and expo permits.

2003, 2004, and 2006 unit was called 11b, Nine Mile, Range Creek North.

Cougar mortality for Nine Mile, Range Creek South (11c), Utah 2003–2004.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	8	2	2	4	4.0	—	50	50	—	0	0.17	1	0	5
2004	—	10	2	3	5	—	—	50	60	—	—	—	0	0	5
Mean	—	9	2	3	5	4.0	—	50	55	—	0	0.17	1	0	5

*Includes limited-entry, conservation and expo permits.
Unit was recombined with unit 11b in 2005.

Cougar mortality for North Slope (8), Utah 1996–2002.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	12	—	2	2	4	6.5	33	—	50	—	75	—	0	1	5
1997	3	12	9	3	12	3.8	—	—	25	—	23	—	0	1	13
1998	2	12	4	4	8	4.9	—	—	50	—	25	0.39	0	0	8
1999	2	12	5	1	6	3.8	—	—	17	—	17	0.31	0	0	6
2000	—	12	6	5	11	3.8	—	92	45	—	17	0.57	0	0	11
2001	—	14	8	6	14	3.2	—	100	43	—	8	0.32	0	0	14
2002	—	14	9	6	15	3.6	—	107	40	—	7	0.35	0	0	15
Mean	5	13	6	4	10	4.2	33	100	39	—	25	0.39	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for North Slope, Summit/West Daggett (8ab), Utah 2003–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	10	4	3	7	4.0	—	70	43	—	33	0.18	0	0	7
2004	—	10	3	4	7	3.0	—	70	57	—	20	0.29	1	0	8
2005	—	10	1	2	3	2.0	—	30	67	—	0	0.07	0	0	3
2006	—	10	1	2	3	3.0	—	30	67	—	33	0.30	0	0	3
2007	—	7	1	0	1	3.0	—	14	0	—	0	0.18	0	0	1
2008	—	5	1	1	2	2.0	—	40	50	0	0	0.29	0	0	2
2009	—	10	5	4	9	2.1	—	90	44	11	0	0.00	0	0	9
2010	10	—	3	0	3	2.3	30	—	0	0	0	0.29	0	0	3
2011	—	10	2	3	5	3.0	—	50	60	20	0	0.00	0	0	5
2012	—	—	2	0	2	3.0	—	—	0	0	0	0.32	0	0	2
2013	—	—	3	3	6	2.6	—	—	50	17	20	—	0	0	6
2014	—	—	1	1	2	3.0	—	—	50	0	0	0.32	1	0	3
2015	—	10	2	3	5	4.8	—	50	60	60	60	0.38	0	0	5
2016	—	10	5	1	6	6.3	—	60	17	17	100	0.06	0	0	6
2017	—	10	2	2	4	3.8	—	40	50	0	50	0.02	0	1	5
2018	—	10	5	2	7	3.0	—	70	29	0	13	0.15	0	0	8
2019	—	10	5	4	9	2.6	—	90	44	11	0	0.28	2	0	11
2020	—	10	4	0	4	2.8	—	40	0	0	0	0.13	0	0	4
2021	—	Unlimited	7	5	12	3.5	—	—	42	33	18	0.27	2	0	14
2022	—	Unlimited	5	3	8	2.4	—	—	38	13	14	0.13	0	0	8
2023	—	Unlimited	3	4	7	2.4	—	—	57	43	0	0.23	0	0	7
2024	—	—	4	4	8	3.3	—	—	50	25	14	—	0	0	8
Mean	10	10	3	2	5	3.1	30	50	40	13	17	0.19	0	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for North Slope, Three Corners (8c), Utah 2003–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2003	—	10	1	2	3	3.5	—	30	67	—	33	—	1	0	4
2004	—	10	1	1	2	4.5	—	20	50	—	50	0.20	0	0	2
2005	—	10	1	1	2	2.0	—	20	50	—	0	0.03	1	0	3
2006	—	10	1	1	2	2.5	—	20	50	—	0	0.00	0	0	2
2007	—	7	4	0	4	3.3	—	57	0	—	33	0.37	0	0	4
2008	—	5	2	2	4	2.8	—	80	50	25	0	0.41	0	0	4
2009	—	10	1	0	1	3.0	—	10	0	0	0	0.72	0	0	1
2010	7	—	1	0	1	2.0	14	—	0	0	0	0.23	0	0	1
2011	—	10	3	3	6	3.8	—	60	50	50	17	0.17	0	0	6
2012	—	—	2	0	2	2.0	—	—	0	0	0	0.34	0	0	2
2013	—	—	4	1	5	3.6	—	—	20	20	20	0.10	0	0	5
2014	—	—	2	2	4	4.5	—	—	50	50	25	0.12	1	0	5
2015	—	10	2	1	3	3.0	—	30	33	33	50	0.00	0	0	3
2016	—	10	3	0	3	2.7	—	30	0	0	0	0.10	0	0	3
2017	—	10	1	2	3	2.3	—	30	67	0	0	0.19	0	0	3
2018	—	10	1	1	2	3.0	—	20	50	0	0	0.05	0	0	2
2019	—	10	2	1	3	4.3	—	30	33	33	33	0.12	0	0	3
2020	—	10	3	0	3	2.0	—	30	0	0	0	0.22	0	1	4
2021	—	Unlimited	1	1	2	5.0	—	—	50	50	100	0.15	1	0	3
2022	—	Unlimited	1	2	3	1.5	—	—	67	33	0	0.00	0	0	3
2023	—	Unlimited	1	1	2	2.0	—	—	50	50	0	0.69	0	0	2
2024	—	—	2	0	2	3.5	—	—	0	0	0	—	0	0	2
Mean	7	10	2	1	3	3.0	14	33	25	27	16	0.21	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Ogden (3), Utah 1996–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	12	—	3	5	8	4.0	67	—	63	—	—	—	3	1	12
1997	18	—	6	4	10	2.9	56	—	40	—	—	—	0	0	10
1998	12	—	3	5	8	4.1	67	—	63	—	—	0.35	0	0	8
1999	10	—	3	3	6	3.0	60	—	50	—	—	0.18	0	0	6
2000	10	—	3	4	7	2.3	70	—	57	—	17	0.29	0	0	7
2001	—	7	6	2	8	2.5	—	114	25	—	13	0.56	1	2	11
2002	—	7	2	3	5	4.3	—	71	60	—	50	0.18	0	0	5
2003	12	—	5	3	8	4.0	67	—	38	—	0	—	0	0	8
2004	—	19	6	13	19	2.3	—	100	68	—	8	0.23	0	3	22
2005	—	19	1	6	7	2.6	—	37	86	—	14	0.07	0	0	7
2006	19	—	4	2	6	1.6	32	—	33	—	0	0.17	0	0	6
2007	14	—	5	4	9	2.8	64	—	44	—	13	0.28	0	0	9
2008	14	—	2	3	5	2.2	36	—	60	20	0	0.08	0	2	7
2009	14	—	4	3	7	3.4	50	—	43	29	14	0.14	0	0	7
2010	11	—	6	1	7	2.4	55	—	14	0	0	0.14	0	0	7
2011	15	—	3	3	6	3.0	40	—	50	17	0	0.22	0	1	7
2012	15	—	5	4	9	3.0	—	—	44	11	11	0.06	0	0	9
2013	15	—	2	2	4	4.8	—	—	50	50	75	0.06	0	0	4
2014	15	—	6	4	10	2.9	—	—	40	20	30	0.09	0	2	12
2015	15	—	6	5	11	3.9	73	—	45	36	36	0.11	0	1	12
2016	—	14	10	7	17	2.8	—	121	41	24	13	0.20	0	1	18
2017	—	13	8	5	13	3.1	—	100	38	15	8	0.12	0	0	13
2018	—	13	5	9	14	3.3	—	108	64	36	18	0.22	0	3	17
2019	12	—	8	6	14	3.6	86	—	43	21	27	0.28	0	8	22
2020	—	24	14	9	23	2.8	—	92	39	30	19	0.36	0	2	25

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Ogden (3), Utah 1996–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2021	—	Unlimited	16	7	23	2.3	—	—	30	22	11	0.40	0	7	30
2022	—	Unlimited	7	6	13	1.7	—	—	46	23	0	0.06	0	4	17
2023	—	Unlimited	3	3	6	2.5	—	—	50	33	0	0.05	0	7	13
2024	—	—	5	7	12	2.7	—	—	58	33	11	—	0	1	13
Mean	14	15	5	5	10	3.0	57	93	48	24	16	0.20	0	4	12

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Oquirrh-Stansbury (18), Utah 1990–2018.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	11	—	2	2	4	—	36	—	50	—	—	—	2	0	6
1991	11	—	7	2	9	—	82	—	22	—	—	—	1	0	10
1992	11	—	3	1	4	—	36	—	25	—	—	—	1	1	6
1993	15	—	6	2	8	—	53	—	25	—	—	—	0	1	9
1994	17	—	5	5	10	—	59	—	50	—	—	—	3	0	13
1995	26	—	6	9	15	—	58	—	60	—	—	—	0	0	15
1996	26	—	9	9	18	3.9	69	—	50	—	—	—	2	2	22
1997	20	—	6	5	11	4.9	55	—	45	—	—	—	2	2	15
1998	20	—	9	8	17	2.8	85	—	47	—	—	0.30	0	1	18
1999	13	—	7	3	10	4.0	77	—	30	—	0	0.20	0	0	10
2000	13	—	4	4	8	3.0	62	—	50	—	14	0.26	0	0	8
2001	13	—	6	3	9	4.6	69	—	33	—	13	0.17	0	0	9
2002	16	—	6	5	11	3.3	69	—	45	—	50	0.16	0	1	12
2003	12	—	6	2	8	4.0	67	—	25	—	33	0.45	0	3	11
2004	11	—	1	3	4	2.5	36	—	75	—	0	0.32	0	0	4
2005	7	—	1	4	5	4.4	71	—	80	—	60	0.18	1	3	9
2006	7	—	4	2	6	3.4	86	—	33	—	40	0.31	1	0	7
2007	6	—	2	0	2	3.0	33	—	0	—	0	0.28	0	0	2
2008	6	—	3	1	4	2.8	67	—	25	25	0	0.30	1	0	5
2009	6	—	1	1	2	3.5	33	—	50	50	0	0.18	1	0	3
2010	3	—	1	1	2	5.0	33	—	50	50	50	0.18	0	0	2
2011	4	—	1	1	2	2.5	50	—	50	50	0	0.22	0	0	2
2012	4	—	2	0	2	3.0	50	—	0	0	0	0.12	0	0	2
2013	4	—	6	0	6	3.8	100	—	0	0	50	0.19	0	1	7
2014	6	—	4	2	6	6.0	100	—	33	33	75	0.22	0	0	6
2015	6	—	5	1	6	4.0	83	—	17	17	33	0.27	0	1	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Oquirrh-Stansbury (18), Utah 1990–2018 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	9	—	6	2	8	5.8	67	—	25	13	75	0.19	1	0	9
2017	11	—	4	1	5	3.4	45	—	20	20	0	0.24	0	1	6
2018	12	—	6	1	7	3.4	58	—	14	0	14	0.15	0	0	7
Mean	11	—	4	3	7	3.8	62	—	36	22	25	0.23	1	1	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Oquirrh-Stansbury, East (18a), Utah 2019–2024.

Year	Limited-entry permits*	Harvest-objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2019	8	—	4	2	6	5.0	75	—	33	17	40	0.25	0	0	6
2020	9	—	4	4	8	3.4	89	—	50	38	14	0.27	0	0	8
2021	12	—	5	3	8	3.4	67	—	38	25	14	0.21	0	0	8
2022	11	—	0	5	5	3.5	45	—	100	60	0	0.08	0	0	5
2023	11	—	5	3	8	2.3	73	—	38	25	17	0.24	0	1	9
2024	—	—	2	2	4	3.3	—	—	50	50	25	—	0	0	4
Mean	10	—	3	3	7	3.5	70	—	51	36	18	0.21	0	0	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Oquirrh-Stansbury, West (18b), Utah 2019–2024.

Year	Limited-entry permits*	Harvest-objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2019	—	4	3	1	4	5.0	—	100	25	25	67	0.22	2	0	6
2020	—	18	5	6	11	3.3	—	61	55	27	40	0.16	4	0	15
2021	—	Unlimited	2	2	4	2.3	—	—	50	50	0	0.22	2	0	6
2022	—	Unlimited	1	0	1	3.0	—	—	0	0	0	0.36	0	0	1
2023	—	Unlimited	3	1	4	2.7	—	—	25	0	0	0.08	0	0	4
2024	—	—	0	5	5	3.0	—	—	100	80	0	—	0	0	5
Mean	—	11	2	3	5	3.2	—	81	42	30	18	0.21	2	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Panguitch Lake (28), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	14	—	3	3	6	—	43	—	50	—	—	—	1	0	7
1991	14	—	4	2	6	—	43	—	33	—	—	—	0	0	6
1992	14	—	3	1	4	—	29	—	25	—	—	—	0	0	4
1993	14	—	9	3	12	—	86	—	25	—	—	—	0	1	13
1994	14	—	6	4	10	—	71	—	40	—	—	—	0	0	10
1995	17	—	8	5	13	—	76	—	38	—	—	—	0	0	13
1996	20	—	7	7	14	2.6	70	—	50	—	—	—	0	0	14
1997	20	—	10	5	15	2.9	75	—	33	—	—	—	0	2	17
1998	20	—	5	7	12	3.5	60	—	58	—	—	0.44	3	2	17
1999	15	—	5	5	10	3.3	67	—	50	—	0	0.51	1	0	11
2000	15	—	7	2	9	3.6	60	—	22	—	22	0.33	0	0	9
2001	—	10	6	4	10	2.8	—	100	40	—	10	0.77	2	0	12
2002	—	13	6	9	15	3.6	—	115	60	—	27	0.27	0	0	15
2003	12	6	7	6	13	2.9	67	83	46	—	0	0.19	2	2	17
2004	13	6	7	10	17	3.6	85	100	59	—	21	0.50	0	0	17
2005	11	8	7	4	11	2.8	36	88	36	—	11	0.31	0	1	12
2006	13	—	9	5	14	3.3	108	—	36	—	21	0.29	0	0	14
2007	12	—	8	6	14	2.6	117	—	43	—	8	0.25	1	1	16
2008	11	—	8	3	11	3.2	100	—	27	18	9	0.38	0	0	11
2009	11	—	6	5	11	2.8	100	—	45	18	10	0.41	0	0	11
2010	10	—	6	4	10	3.3	100	—	40	20	10	0.21	0	1	11
2011	11	—	8	5	13	3.6	100	—	38	38	15	0.37	0	1	14
2012	11	—	7	3	10	2.7	—	—	30	20	0	0.21	0	0	10
2013	11	—	5	3	8	3.4	—	—	38	25	25	0.20	0	0	8
2014	10	—	6	3	9	3.2	—	—	33	22	20	0.33	0	0	9
2015	10	—	7	3	10	2.2	100	—	30	20	0	0.20	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Panguitch Lake (28), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female Harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	10	—	10	0	10	3.5	100	—	0	0	30	0.42	0	0	10
2017	10	—	7	3	10	3.3	100	—	30	30	22	0.36	0	0	10
2018	10	—	10	1	11	3.1	110	—	9	0	13	0.42	0	0	11
2019	12	—	10	5	15	3.2	125	—	33	20	13	0.33	1	0	16
2020	12	—	8	5	13	3.1	108	—	38	23	17	0.38	0	1	14
2021	18	—	11	9	20	2.9	106	—	45	35	11	0.27	1	1	22
2022	—	20	14	9	23	2.4	—	115	39	26	0	0.24	1	1	25
2023	—	20	13	7	20	2.6	—	100	35	20	5	—	0	0	20
2024	—	—	8	13	21	3.6	—	—	62	43	33	—	0	0	21
Mean	13	12	7	5	12	3.1	83	101	38	22	14	0.34	0	0	13

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Paunsaugunt (27), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	14	—	4	1	5	—	36	—	20	—	—	—	0	0	5
1991	14	—	5	0	5	—	36	—	0	—	—	—	0	0	5
1992	14	—	4	1	5	—	36	—	20	—	—	—	0	1	6
1993	14	—	6	0	6	—	43	—	0	—	—	—	0	1	7
1994	14	—	3	3	6	—	43	—	50	—	—	—	0	0	6
1995	16	—	1	1	2	—	13	—	50	—	—	—	0	0	2
1996	20	—	10	6	16	3.1	80	—	38	—	—	—	2	1	19
1997	—	12	8	5	13	4.2	—	108	38	—	—	—	3	0	16
1998	—	12	9	5	14	2.8	—	117	36	—	—	0.09	0	1	15
1999	—	10	5	3	8	4.9	—	80	38	—	—	0.20	0	0	8
2000	—	10	9	3	12	3.3	—	120	25	—	17	0.18	0	1	13
2001	—	10	7	3	10	2.7	—	100	30	—	20	0.55	2	1	13
2002	—	10	4	7	11	4.2	—	110	64	—	30	0.16	1	1	13
2003	12	5	6	4	10	4.3	50	80	40	—	38	0.36	0	1	11
2004	12	5	2	4	6	4.8	33	40	67	—	40	0.10	1	0	7
2005	11	5	2	0	2	3.0	18	0	0	—	0	0.02	1	0	3
2006	8	—	2	2	4	3.7	50	—	50	—	0	0.13	0	0	4
2007	7	—	3	3	6	2.2	86	—	50	—	0	0.26	0	1	7
2008	9	—	2	1	3	2.0	33	—	33	0	0	0.26	0	0	3
2009	9	—	4	1	5	3.4	56	—	20	20	40	0.25	1	0	6
2010	9	—	2	1	3	2.5	33	—	33	33	0	0.41	0	1	4
2011	9	—	4	3	7	3.3	78	—	43	29	33	0.39	0	0	7
2012	9	—	5	0	5	3.6	—	—	0	0	40	0.20	1	1	7
2013	9	—	1	1	2	7.5	—	—	50	50	100	0.20	0	1	3
2014	7	—	5	2	7	4.4	—	—	29	29	20	0.30	0	0	7
2015	8	—	4	2	6	4.2	75	—	33	17	50	0.19	1	0	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Paunsaugunt (27), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female Harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	10	3	5	8	4.8	—	80	63	38	75	0.13	0	0	8
2017	—	10	3	1	4	2.3	—	40	25	0	0	0.16	0	0	4
2018	—	10	1	0	1	2.0	—	10	0	0	0	0.07	0	1	2
2019	10	—	2	0	2	4.5	20	—	0	0	50	0.07	0	0	2
2020	10	—	7	3	10	3.0	100	—	30	10	22	0.16	0	0	10
2021	—	14	10	4	14	3.1	—	100	29	29	21	0.37	0	2	16
2022	—	20	7	5	12	2.7	—	55	42	33	11	0.26	0	2	14
2023	—	20	3	5	8	2.5	—	40	63	50	17	0.09	0	0	8
2024	—	—	4	2	6	1.7	—	—	33	0	0	—	0	1	7
Mean	11	11	4	2	7	3.5	50	72	33	20	25	0.21	0	0	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Pine Valley (30), Utah 2008–2014.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2008	19	—	10	7	17	3.1	89	—	41	18	13	0.23	0	0	17
2009	19	—	11	9	20	3.1	105	—	45	25	5	0.31	0	0	20
2010	19	—	7	6	13	3.6	68	—	46	31	0	0.13	0	1	14
2011	15	—	9	6	15	3.3	100	—	40	33	7	0.37	0	0	15
2012	15	—	9	1	10	2.4	—	—	10	10	0	0.50	0	0	10
2013	15	—	8	3	11	3.3	—	—	27	18	9	0.19	0	0	11
2014	12	—	9	1	10	3.0	83	—	10	0	0	—	0	0	10
Mean	16	—	9	5	14	3.1	84	—	31	19	5	0.29	0	0	14

*Includes limited-entry, conservation and expo permits.
Subunits were recombined in 2008.

Cougar mortality for Pine Valley, Browse (30c), Utah 1996–2007.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1996	15	—	4	1	5	3.0	33	—	20	—	0	—	0	0	5
1997	—	10	3	1	4	3.3	—	40	25	—	23	—	0	0	4
1998	—	10	3	4	7	3.8	—	70	57	—	14	0.21	0	0	7
1999	—	10	1	1	2	2.8	—	20	50	—	13	0.41	0	0	2
2000	—	10	1	0	1	2.6	—	10	0	—	11	0.18	0	0	1
2001	—	10	4	3	7	2.3	—	70	43	—	0	0.25	0	0	7
2002	—	10	2	0	2	1.5	—	20	0	—	0	0.19	0	0	2
2003	—	10	0	0	0	—	—	0	—	—	—	0.00	0	0	0
2004	—	10	2	1	3	1.7	—	30	33	—	0	—	0	0	3
2005	—	10	1	0	1	3.0	—	10	0	—	0	0.27	0	0	1
2006	8	—	2	3	5	3.5	63	—	60	—	0	0.11	0	0	5
2007	7	—	2	1	3	1.7	43	—	33	—	0	0.02	0	0	3
Mean	10	10	2	1	3	2.6	46	30	29	—	6	0.18	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Pine Valley, North (30a), Utah 2015–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2015	8	—	1	1	2	2.0	25	—	50	50	0	0.00	0	0	2
2016	—	8	7	1	8	5.0	—	100	13	13	25	0.24	0	0	8
2017	—	10	9	1	10	3.1	—	100	10	10	11	1.44	0	0	10
2018	—	12	8	3	11	3.8	—	92	27	18	23	0.21	0	0	11
2019	—	14	11	4	15	3.2	—	107	27	20	23	0.07	0	0	15
2020	—	16	12	4	16	3.2	—	88	25	19	15	0.34	1	0	17
2021	—	20	11	8	19	2.6	—	95	42	37	12	0.13	0	1	20
2022	—	26	9	13	22	2.4	—	85	59	41	6	0.17	0	1	23
2023	—	26	11	4	15	2.5	—	58	27	20	0	0.18	0	0	15
2024	—	—	3	7	10	4.3	—	—	70	50	33	—	0	0	10
Mean	15	17	9	5	13	3.2	77	91	33	21	14	0.30	0	0	13

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Pine Valley, South (30b), Utah 2015–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2015	—	10	5	2	7	2.9	—	70	29	29	0	0.16	0	0	7
2016	—	10	5	4	9	3.9	—	90	44	22	25	0.09	0	0	9
2017	—	11	5	3	8	4.3	—	73	38	38	43	0.18	0	0	8
2018	—	12	3	2	5	2.8	—	42	40	40	0	0.17	0	0	5
2019	—	12	4	2	6	2.4	—	50	33	17	0	0.12	0	0	6
2020	—	13	5	2	7	3.7	—	54	29	29	40	0.22	0	1	8
2021	—	Unlimited	9	1	10	2.6	—	—	10	0	0	0.11	0	1	11
2022	—	Unlimited	6	3	9	1.9	—	—	33	22	0	0.17	0	1	10
2023	—	Unlimited	2	3	5	4.0	—	—	60	20	0	0.02	0	2	7
2024	—	—	0	0	0	—	—	—	—	—	—	—	0	1	1
Mean	—	11	4	2	7	3.1	—	63	35	21	11	0.14	0	1	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Pine Valley, West Pine Valley/Commanche (30ab), Utah 1990–2007.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	40	—	14	1	15	—	38	—	7	—	—	—	1	2	18
1991	40	—	7	5	12	—	30	—	42	—	—	—	0	1	13
1992	40	—	7	6	13	—	33	—	46	—	—	—	0	1	14
1993	40	—	11	4	15	—	38	—	27	—	—	—	0	1	16
1994	42	—	10	10	20	—	48	—	50	—	—	—	0	0	20
1995	50	—	12	6	18	—	36	—	33	—	—	—	0	0	18
1996	50	—	11	6	17	2.6	34	—	35	—	0	—	0	1	18
1997	—	40	21	16	37	3.8	—	93	43	—	23	—	0	2	39
1998	—	40	13	16	29	2.3	—	73	55	—	14	0.21	0	0	29
1999	—	30	11	11	22	2.8	—	73	50	—	13	0.41	0	0	22
2000	—	30	11	8	19	2.6	—	63	42	—	11	0.18	0	0	19
2001	—	25	8	13	21	3.5	—	84	62	—	17	0.32	0	0	21
2002	20	10	7	4	11	2.5	40	30	36	—	10	0.18	2	1	14
2003	20	10	11	8	19	2.7	30	130	42	—	0	0.10	0	0	19
2004	20	10	10	5	15	2.7	35	80	33	—	8	0.18	0	1	16
2005	18	10	6	4	10	2.0	39	30	40	—	0	0.16	0	1	11
2006	15	—	11	5	16	3.5	107	—	31	—	13	0.13	0	0	16
2007	14	—	7	3	10	3.4	71	—	30	—	11	0.12	0	0	10
Mean	31	23	10	7	18	2.9	44	73	39	—	10	0.20	0	1	19

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Juan, Abajo Mountains (14a), Utah 2002–2005, 2010–2013.

Year	Limited-entry permits*	Harvest-objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	15	1	3	4	1.0	—	27	75	—	0	—	0	0	4
2003	—	15	9	7	16	3.9	—	107	44	—	25	0.56	0	1	17
2004	—	25	8	11	19	4.3	—	76	58	—	27	0.12	0	0	19
2005	—	25	4	1	5	1.0	—	20	20	—	0	0.31	0	0	5
2010	10	—	7	2	9	3.1	90	—	22	11	0	0.20	0	1	10
2011	10	—	4	0	4	4.3	40	—	0	0	25	0.35	0	1	5
2012	10	—	5	1	6	3.6	—	—	17	17	20	0.26	0	3	9
2013	10	—	2	2	4	3.5	—	—	50	50	0	0.44	0	1	5
Mean	10	20	5	3	8	3.1	65	57	36	19	12	0.32	0	1	9

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Juan, Desert (14c), Utah 2017–2024.

Year	Limited-entry permits*	Harvest-objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2017	—	Unlimited	0	1	1	6.0	—	—	100	100	100	0.25	0	0	1
2018	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2019	—	Unlimited	0	2	2	2.0	—	—	100	50	0	0.11	0	0	2
2020	—	Unlimited	0	0	0	—	—	—	—	—	—	0.06	0	0	0
2021	—	Unlimited	0	0	0	—	—	—	—	—	—	0.79	0	0	0
2022	—	Unlimited	0	0	0	—	—	—	—	—	—	0.15	0	0	0
2023	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2024	—	—	0	0	0	—	—	—	—	—	—	—	0	1	1
Mean	—	11	2	1	3	3.8	—	53	48	30	50	0.27	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Juan, Elk Ridge (14b), Utah 2002–2005, 2010–2013.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	10	1	1	2	3.0	—	20	50	—	0	—	0	0	2
2003	—	10	5	3	8	3.8	—	80	38	—	17	0.27	0	0	8
2004	—	15	3	3	6	1.0	—	40	50	—	0	—	0	0	6
2005	—	15	1	1	2	10.0	—	13	50	—	100	0.11	0	0	2
2010	—	10	4	0	4	2.0	—	40	0	0	0	0.35	0	0	4
2011	—	10	8	2	10	3.5	—	100	20	0	20	0.21	0	0	10
2012	—	—	4	2	6	2.0	—	—	33	0	0	0.38	0	0	6
2013	—	—	4	3	7	4.7	—	—	43	29	29	0.27	0	0	7
Mean	—	12	4	2	6	3.8	—	49	35	7	21	0.27	0	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Juan, Mountains (14), Utah 1990–2001, 2006–2009, 2014–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	13	—	2	0	2	—	15	—	0	—	—	—	0	0	2
1991	13	—	3	2	5	—	38	—	40	—	—	—	0	0	5
1992	13	—	7	4	11	—	85	—	36	—	—	—	0	0	11
1993	13	—	2	2	4	—	31	—	50	—	—	—	0	1	5
1994	15	—	3	3	6	—	40	—	50	—	—	—	0	0	6
1995	24	—	7	2	9	—	38	—	22	—	—	—	0	0	9
1996	24	—	5	5	10	3.8	42	—	50	—	—	—	0	0	10
1997	—	20	13	8	21	5.1	—	105	38	—	—	—	0	1	22
1998	—	20	12	9	21	2.8	—	105	43	—	—	0.85	0	0	21
1999	—	20	6	4	10	3.1	—	50	40	—	0	0.37	0	0	10
2000	—	20	12	8	20	3.0	—	100	40	—	23	1.19	0	1	21
2001	—	25	9	8	17	3.7	—	68	47	—	—	0.48	0	0	17
2006	—	30	9	8	17	2.9	—	57	47	—	—	0.23	0	0	17
2007	—	25	10	5	16	2.6	—	64	33	—	—	0.13	0	0	16
2008	—	25	10	9	19	2.3	—	76	47	—	—	0.35	0	0	19
2009	—	20	8	8	16	3.1	—	80	50	—	—	0.47	0	1	17
2014	—	—	10	5	15	3.5	—	—	33	20	8	0.19	0	0	15
2015	—	25	15	11	26	2.4	—	104	42	19	12	0.43	0	0	26
2016	—	25	10	5	15	2.7	—	60	33	0	18	0.24	0	1	16
2017	—	25	10	6	16	2.3	—	64	38	0	13	0.52	1	0	17
2018	—	25	11	3	14	2.4	—	56	21	0	0	0.12	0	1	15
2019	—	25	13	11	24	3.8	—	96	46	29	35	0.27	0	0	24

*Includes limited-entry, conservation and expo permits.

Unit 14 was split into subunits 14a and 14b from 2002 to 2005, and from 2010 to 2013. In 2017, the majority of the San Juan unit was renamed San Juan, Mtns, while a small western portion of the unit was split off as a new subunit, San Juan, Desert.

Cougar mortality for San Juan, Mountains (14), Utah 1990–2001, 2006–2009, 2014–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2020	—	25	4	3	7	2.6	—	28	43	43	5	0.16	0	1	8
2021	—	Unlimited	14	8	22	2.3	—	—	36	23	7	0.45	0	4	26
2022	—	Unlimited	9	8	17	1.6	—	—	47	12	0	0.14	0	0	17
2023	—	Unlimited	8	13	21	2.3	—	—	62	57	5	0.20	0	2	23
2024	—	—	9	16	25	2.5	—	—	64	40	4	—	0	1	26
Mean	14	21	9	6	15	2.9	41	84	39	22	11	0.38	0	1	15

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Rafael (12), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1991	4	—	1	0	1	—	25	—	0	—	—	—	0	0	1
1992	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1993	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1994	4	—	1	0	1	—	25	—	0	—	—	—	0	0	1
1995	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1996	4	—	1	0	1	1.0	25	—	0	—	—	—	0	0	1
1997	4	—	0	0	0	—	0	—	—	—	—	—	0	0	0
1998	0	—	0	0	0	—	—	—	—	—	—	0.34	0	1	1
1999	—	2	2	0	2	5.5	—	100	0	—	—	0.19	0	0	2
2000	—	7	0	0	0	—	—	0	—	—	—	0.21	1	1	2
2001	—	7	1	2	3	7.0	—	43	67	—	100	0.60	2	1	6
2002	—	7	0	0	0	—	—	0	—	—	—	—	2	0	2
2003	—	7	2	0	2	2.0	—	29	0	—	50	0.00	1	0	3
2004	—	7	2	1	3	2.0	—	43	33	—	0	0.25	0	0	3
2005	—	7	0	0	0	—	—	0	—	—	—	0.10	0	0	0
2006	—	5	0	0	0	—	—	0	—	—	—	—	0	0	0
2007	—	4	1	0	1	—	—	25	0	—	—	0.60	0	0	1
2008	—	4	0	1	1	7.0	—	25	100	100	100	0.05	0	1	2
2009	—	4	1	0	1	3.0	—	25	0	0	0	0.03	0	0	1
2010	—	4	1	0	1	2.0	—	25	0	0	0	0.09	0	0	1
2011	—	3	2	1	3	3.7	—	100	33	33	33	0.12	0	0	3
2012	—	—	0	0	0	—	—	—	—	—	—	—	1	0	1
2013	—	—	1	2	3	4.5	—	—	67	33	33	0.00	0	0	3
2014	—	—	1	3	4	4.0	—	—	75	50	67	1.00	0	1	5
2015	—	Unlimited	0	1	1	2.0	—	—	100	0	0	0.55	1	0	2

*Includes limited-entry, conservation and expo permits.

Cougar mortality for San Rafael (12), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	Unlimited	0	2	2	1.5	—	—	100	0	0	—	2	0	4
2017	—	Unlimited	0	1	1	2.0	—	—	100	0	0	—	0	0	1
2018	—	Unlimited	0	0	0	—	—	—	—	—	—	0.20	0	0	0
2019	—	Unlimited	1	0	1	5.0	—	—	0	0	100	0.46	0	0	1
2020	—	Unlimited	0	1	1	1.0	—	—	100	0	0	0.00	1	1	3
2021	—	Unlimited	2	0	2	2.0	—	—	0	0	0	—	0	2	4
2022	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2023	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2024	—	—	0	0	0	—	—	—	—	—	—	—	0	0	0
Mean	4	5	1	0	1	3.2	9	30	39	18	32	0.27	0	0	2

*Includes limited-entry, conservation and expo permits.

Cougar mortality for South Slope (9), Utah 1990–2001.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	56	—	13	7	20	—	36	—	35	—	—	—	4	0	24
1991	56	—	18	12	30	—	54	—	40	—	—	—	0	1	31
1992	56	—	13	15	28	—	50	—	54	—	—	—	1	1	30
1993	57	—	14	14	28	—	49	—	50	—	—	—	2	0	30
1994	60	—	22	10	32	—	53	—	31	—	—	—	0	2	34
1995	63	—	24	10	34	—	54	—	29	—	—	—	1	2	37
1996	75	—	27	13	40	4.4	53	—	33	—	32	—	0	2	42
1997	62	—	12	9	21	3.6	34	—	43	—	11	—	1	1	23
1998	40	—	8	7	15	3.1	38	—	47	—	8	0.29	6	0	21
1999	35	—	4	6	10	3.4	29	—	60	—	9	0.26	1	0	11
2000	35	—	4	1	5	3.2	14	—	20	—	0	0.26	1	1	7
2001	35	—	7	6	13	4.2	37	—	46	—	23	0.31	0	1	14
Mean	53	—	14	9	23	3.7	42	—	41	—	14	0.28	1	1	25

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Southwest Desert (20), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	8	—	5	3	8	—	100	—	38	—	—	—	1	2	11
1991	8	—	3	1	4	—	50	—	25	—	—	—	0	1	5
1992	8	—	0	2	2	—	25	—	100	—	—	—	0	1	3
1993	8	—	3	3	6	—	75	—	50	—	—	—	0	1	7
1994	11	—	3	4	7	—	64	—	57	—	—	—	0	0	7
1995	12	—	2	3	5	—	42	—	60	—	—	—	0	0	5
1996	12	—	4	0	4	2.8	33	—	0	—	—	—	0	1	5
1997	—	12	5	4	9	4.4	—	75	44	—	—	—	0	2	11
1998	—	12	6	0	6	2.8	—	50	0	—	—	0.26	0	0	6
1999	—	12	2	2	4	3.0	—	33	50	—	0	0.29	0	0	4
2000	—	12	4	2	6	2.0	—	50	33	—	0	0.09	0	0	6
2001	—	12	8	1	9	3.5	—	75	11	—	25	0.36	0	0	9
2002	—	12	5	6	11	3.7	—	92	55	—	30	0.09	0	0	11
2003	—	12	5	4	9	2.8	—	75	44	—	25	0.07	0	0	9
2004	—	12	3	3	6	4.0	—	50	50	—	50	0.13	0	0	6
2005	—	12	6	0	6	1.8	—	50	0	—	0	0.11	0	0	6
2006	12	—	3	1	4	4.5	33	—	25	—	50	0.10	0	0	4
2007	12	—	3	4	7	3.7	58	—	57	—	33	0.04	0	0	7
2008	11	—	2	0	2	1.5	18	—	0	0	0	0.06	0	0	2
2009	8	—	1	1	2	2.5	25	—	50	0	0	0.21	0	0	2
2010	6	—	2	0	2	3.0	33	—	0	0	0	0.14	0	0	2
2011	6	—	2	1	3	4.0	50	—	33	33	33	0.08	0	0	3
2012	6	—	3	3	6	3.0	—	—	50	33	17	0.29	0	0	6
2013	6	—	4	2	6	3.6	—	—	33	33	40	0.17	0	0	6
2014	5	—	3	0	3	3.0	—	—	0	0	33	0.10	0	0	3
2015	8	—	3	0	3	2.0	38	—	0	0	0	0.12	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Southwest Desert (20), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	9	5	2	7	5.4	—	78	29	29	43	0.80	0	0	7
2017	—	11	3	1	4	4.3	—	36	25	0	25	0.78	0	0	4
2018	—	13	4	6	10	3.7	—	77	60	30	17	0.13	0	0	10
2019	—	13	8	6	14	3.3	—	108	43	29	17	0.10	0	0	14
2020	—	12	5	3	8	3.4	—	67	38	38	14	0.15	0	0	8
2021	—	Unlimited	5	2	7	3.7	—	—	29	29	17	0.39	0	1	8
2022	—	Unlimited	4	0	4	2.5	—	—	0	0	25	0.17	1	0	5
2023	—	Unlimited	7	2	9	2.3	—	—	22	11	0	0.00	0	1	10
2024	—	—	4	3	7	5.2	—	—	43	43	50	—	0	0	7
Mean	9	12	4	2	6	3.3	52	65	33	18	21	0.20	0	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Thousand Lakes (25b), Utah 1994–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1994	10	—	2	5	7	—	70	—	71	—	—	—	0	0	7
1995	12	—	5	1	6	—	50	—	17	—	—	—	0	2	8
1996	12	—	2	2	4	4.3	33	—	50	—	—	—	0	0	4
1997	—	10	1	7	8	4.4	—	80	88	—	—	—	0	0	8
1998	—	10	6	4	10	3.7	—	100	40	—	—	0.32	0	0	10
1999	—	10	4	4	8	3.1	—	80	50	—	—	0.32	0	0	8
2000	—	5	3	1	4	2.8	—	80	25	—	0	0.33	0	0	4
2001	—	5	3	2	5	6.3	—	100	40	—	20	0.25	0	1	6
2002	—	4	2	2	4	3.0	—	100	50	—	25	0.18	0	0	4
2003	—	4	2	2	4	4.0	—	100	50	—	50	—	0	0	4
2004	—	10	3	3	6	4.7	—	60	50	—	67	—	0	0	6
2005	—	10	3	2	5	3.6	—	50	40	—	40	0.06	0	0	5
2006	10	—	3	0	3	2.5	30	—	0	—	0	0.10	0	0	3
2007	11	—	3	1	4	1.5	36	—	25	—	0	0.00	0	1	5
2008	7	—	1	0	1	—	14	—	0	0	—	0.20	0	0	1
2009	5	—	2	1	3	2.7	60	—	33	33	0	0.09	0	0	3
2010	5	—	2	1	3	2.7	60	—	33	0	0	0.00	0	0	3
2011	10	—	2	1	3	5.3	30	—	33	33	100	0.16	0	0	3
2012	10	—	1	1	2	3.0	—	—	50	50	50	0.00	0	1	3
2013	10	—	1	2	3	5.0	—	—	67	67	50	—	0	0	3
2014	5	—	1	0	1	2.0	—	—	0	0	0	0.08	0	0	1
2015	4	—	1	1	2	1.5	50	—	50	50	0	0.46	0	0	2
2016	4	—	1	1	2	6.0	50	—	50	50	50	0.29	0	1	3
2017	4	—	0	0	0	—	0	—	—	—	—	0.15	0	0	0
2018	4	—	1	3	4	3.5	100	—	75	25	100	0.27	0	0	4
2019	4	—	0	1	1	2.0	25	—	100	0	0	—	1	1	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Thousand Lakes (25b), Utah 1994–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2020	4	—	0	1	1	3.0	25	—	100	100	0	0.39	0	0	1
2021	—	Unlimited	1	2	3	2.0	—	—	67	33	0	—	0	1	4
2022	—	Unlimited	1	0	1	1.0	—	—	0	0	0	0.23	0	0	1
2023	—	Unlimited	0	0	0	—	—	—	—	—	—	0.39	0	0	0
2024	—	—	1	3	4	3.0	—	—	75	50	25	—	0	0	4
Mean	7	8	2	2	4	3.3	39	83	46	29	26	0.20	0	0	4

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains (17), Utah 1990–2001.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	10	—	2	2	4	—	40	—	50	—	—	—	0	0	4
1991	10	—	2	1	3	—	30	—	33	—	—	—	0	0	3
1992	10	—	4	0	4	—	40	—	0	—	—	—	0	1	5
1993	28	—	11	4	15	—	54	—	27	—	—	—	6	7	28
1994	30	—	9	8	17	—	57	—	47	—	—	—	1	4	22
1995	43	—	15	10	25	—	58	—	40	—	—	—	4	8	37
1996	43	—	20	11	31	3.2	72	—	35	—	17	—	1	1	33
1997	42	—	18	11	29	3.4	69	—	38	—	19	—	2	11	42
1998	60	—	21	15	36	4.6	60	—	42	—	12	0.39	2	0	38
1999	55	—	15	13	28	2.6	51	—	46	—	11	0.23	1	0	29
2000	40	12	27	20	47	3.0	82	100	43	—	15	0.32	4	0	51
2001	40	24	21	26	47	2.8	68	83	55	—	7	0.26	5	5	57
Mean	34	18	14	10	24	3.3	57	92	38	—	14	0.30	2	3	29

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Avintaquin/Currant Creek (17bc), Utah 2002–2003, 2021–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	26	—	8	6	14	3.6	54	—	43	—	—	0.13	3	0	17
2003	25	—	9	6	15	3.9	60	—	40	—	—	0.21	1	1	17
2021	—	Unlimited	16	15	31	2.5	—	—	48	29	18	0.26	0	1	32
2022	—	Unlimited	6	4	10	1.4	—	—	40	20	0	0.12	0	0	10
2023	—	Unlimited	14	10	24	3.1	—	—	42	29	17	0.22	0	2	26
2024	—	—	7	9	16	2.4	—	—	56	31	20	—	0	0	16
Mean	26	—	10	6	16	2.8	51	—	38	20	14	0.19	1	1	17

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Avintaquin-Wildcat (17c), Utah 2004–2020.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	—	15	1	9	10	2.6	—	67	90	—	0	—	0	0	10
2005	—	15	4	4	8	2.5	—	53	50	—	17	0.35	1	0	9
2006	—	15	2	2	4	1.7	—	27	50	—	0	0.16	0	0	4
2007	—	10	2	4	6	4.2	—	60	67	—	40	0.26	0	0	6
2008	—	10	6	1	7	3.3	—	70	14	0	14	0.11	0	0	7
2009	—	10	3	4	7	4.3	—	70	57	43	33	0.08	0	1	8
2010	—	10	5	4	9	3.4	—	90	44	33	14	0.30	1	1	11
2011	—	13	3	3	6	3.7	—	46	50	50	33	0.23	0	0	6
2012	—	—	3	4	7	3.3	—	—	57	29	29	0.16	0	0	7
2013	—	—	5	5	10	4.2	—	—	50	20	50	0.16	1	1	12
2014	—	—	15	3	18	3.2	—	—	17	11	18	0.45	0	0	18
2015	—	15	8	4	12	2.7	—	80	33	0	27	0.25	1	0	13
2016	—	15	8	3	11	2.9	—	73	27	18	11	0.26	0	0	11
2017	—	15	10	5	15	2.9	—	100	33	20	20	0.49	1	0	16
2018	—	15	11	4	15	2.6	—	100	27	7	10	1.00	0	0	15
2019	—	20	10	2	12	3.0	—	60	17	8	27	0.63	0	0	12
2020	—	30	5	8	13	3.2	—	43	62	38	18	0.45	0	0	13
Mean	—	15	6	4	10	3.2	—	71	44	21	21	0.33	0	0	10

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Cascade (17a2), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	12	7	6	13	2.6	—	108	46	—	17	—	0	1	14
2003	—	15	6	4	10	3.1	—	67	40	—	30	0.25	0	0	10
2004	—	15	4	4	8	3.8	—	53	50	—	33	0.50	0	0	8
2005	—	12	1	2	3	1.3	—	25	67	—	0	0.18	0	0	3
2006	—	12	5	3	8	4.0	—	67	38	—	57	0.18	0	0	8
2007	—	12	3	0	3	3.0	—	25	0	—	33	0.08	0	0	3
2008	—	9	3	6	9	3.7	—	100	67	22	22	0.49	0	0	9
2009	—	9	2	2	4	2.3	—	44	50	25	0	—	0	0	4
2010	—	9	4	4	8	2.3	—	89	50	13	0	0.37	0	0	8
2011	—	10	2	6	8	4.6	—	80	75	75	50	0.19	0	0	8
2012	—	—	1	5	6	2.7	—	—	83	50	0	0.07	0	0	6
2013	—	—	3	3	6	3.0	—	—	50	33	0	0.35	0	1	7
2014	—	—	4	3	7	3.0	—	—	43	29	0	—	0	0	7
2015	—	5	3	1	4	2.0	—	80	25	25	0	0.88	0	0	4
2016	—	5	3	2	5	3.0	—	100	40	0	20	—	0	0	5
2017	—	5	3	2	5	2.4	—	100	40	20	0	0.27	0	0	5
2018	—	5	2	3	5	3.5	—	100	60	20	25	0.44	0	0	5
2019	—	4	2	2	4	2.5	—	100	50	25	0	0.36	1	0	5
2020	—	4	5	2	7	3.5	—	125	29	29	50	0.54	1	1	9
2021	—	Unlimited	6	3	9	2.5	—	—	33	22	25	0.07	0	2	11
2022	—	Unlimited	4	3	7	2.4	—	—	43	29	0	0.21	0	0	7
2023	—	Unlimited	5	13	18	2.8	—	—	72	17	25	0.27	0	0	18
2024	—	—	6	5	11	2.8	—	—	45	18	18	—	0	0	11
Mean	—	9	4	4	7	2.9	—	75	47	25	18	0.32	0	0	8

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Currant Creek-North (17b), Utah 2004–2020.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2004	15	—	2	1	3	2.7	20	—	33	—	0	—	2	0	5
2005	14	—	3	2	5	4.5	36	—	40	—	25	0.14	0	0	5
2006	14	—	4	0	4	3.5	29	—	0	—	25	0.13	0	0	4
2007	14	—	1	2	3	1.5	21	—	67	—	0	0.25	0	0	3
2008	8	—	1	1	2	3.0	25	—	50	0	0	0.00	0	1	3
2009	7	—	4	1	5	3.4	71	—	20	20	0	0.15	2	0	7
2010	7	—	2	0	2	2.5	29	—	0	0	0	0.05	0	3	5
2011	7	—	3	0	3	3.0	43	—	0	0	0	0.21	1	3	7
2012	7	—	2	1	3	3.7	43	—	33	33	33	0.15	1	0	4
2013	7	—	4	1	5	5.0	71	—	20	20	60	0.46	0	0	5
2014	6	—	5	0	5	3.8	67	—	0	0	40	—	0	1	6
2015	6	—	5	0	5	4.0	83	—	0	0	25	0.32	0	0	5
2016	8	—	8	1	9	5.1	100	—	11	11	67	0.34	0	1	10
2017	10	—	6	0	6	3.3	60	—	0	0	33	0.24	0	0	6
2018	12	—	6	0	6	3.8	50	—	0	0	25	0.56	2	1	9
2019	15	—	9	0	9	3.2	60	—	0	0	11	0.37	0	0	9
2020	16	—	5	3	8	3.2	50	—	38	25	17	0.79	0	1	9
Mean	10	—	4	1	5	3.5	50	—	18	8	21	0.28	1	1	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Salt Lake (17a4), Utah 2018–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2018	—	6	0	0	0	—	—	—	—	—	—	—	0	0	0
2019	—	6	0	0	0	—	—	—	—	—	—	—	0	1	1
2020	—	6	0	0	0	—	—	—	—	—	—	—	0	0	0
2021	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2022	—	Unlimited	0	0	0	—	—	—	—	—	—	—	0	0	0
2023	—	Unlimited	0	1	1	1.0	—	—	100	0	0	—	0	0	1
2024	—	—	1	2	3	1.0	—	—	67	0	0	—	0	1	4
Mean	—	6	0	0	1	1.0	—	—	83	0	0	—	0	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, Timpanogos (17a1), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	—	12	5	5	10	2.8	—	83	50	—	20	—	0	0	10
2003	—	15	5	1	6	4.0	—	40	17	—	0	0.38	0	1	7
2004	—	15	4	0	4	2.5	—	27	0	—	0	0.47	0	0	4
2005	—	12	0	4	4	1.3	—	33	100	—	0	0.21	0	0	4
2006	—	12	3	3	6	3.8	—	50	50	—	33	0.12	0	0	6
2007	—	12	2	1	3	3.0	—	25	33	—	33	0.04	0	0	3
2008	—	9	2	7	9	3.0	—	100	78	33	14	0.27	0	1	10
2009	—	12	2	4	6	1.5	—	50	67	0	0	0.08	1	0	7
2010	—	12	3	1	4	3.3	—	33	25	25	25	0.11	0	4	8
2011	—	12	3	2	5	2.8	—	42	40	40	0	0.24	1	1	7
2012	—	—	2	0	2	1.5	—	—	0	0	0	0.08	3	0	5
2013	—	—	5	2	7	3.7	—	—	29	29	17	0.19	0	0	7
2014	—	—	1	1	2	12.0	—	—	50	50	100	—	0	1	3
2015	—	5	3	1	4	2.7	—	80	25	0	0	0.09	0	0	4
2016	—	5	3	2	5	3.6	—	100	40	40	20	0.49	0	0	5
2017	—	7	4	2	6	2.0	—	86	33	0	0	0.38	0	0	6
2018	—	7	3	5	8	2.8	—	114	63	25	20	0.00	0	1	9
2019	—	5	3	2	5	3.4	—	100	40	20	20	0.19	0	0	5
2020	—	5	3	2	5	3.6	—	100	40	40	20	0.24	1	1	7
2021	—	Unlimited	5	3	8	3.0	—	—	38	25	20	0.08	0	1	9
2022	—	Unlimited	0	1	1	—	—	—	100	0	0	0.34	0	2	3
2023	—	Unlimited	3	2	5	1.8	—	—	40	0	0	0.16	0	0	5
2024	—	—	7	6	13	2.8	—	—	46	15	23	—	0	1	14
Mean	—	10	3	2	6	3.2	—	61	44	20	16	0.21	0	1	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Wasatch Mountains, West-Strawberry (17a3), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	13	—	5	5	10	3.3	77	—	50	—	—	0.46	1	0	11
2003	12	—	4	3	7	6.3	58	—	43	—	—	0.32	0	2	9
2004	11	—	5	3	8	3.5	73	—	38	—	25	0.38	1	1	10
2005	11	—	6	2	8	2.3	73	—	25	—	0	0.00	1	1	10
2006	13	—	7	4	11	3.4	85	—	36	—	22	0.49	1	1	13
2007	10	—	4	2	6	3.2	60	—	33	—	20	0.37	0	0	6
2008	10	—	7	3	10	3.1	90	—	30	10	22	0.38	1	3	14
2009	11	—	6	5	11	3.7	73	—	45	45	30	0.38	1	2	14
2010	11	—	6	1	7	2.2	55	—	14	14	0	0.27	0	6	13
2011	11	—	9	5	14	3.2	91	—	36	29	15	0.35	0	4	18
2012	11	—	5	4	9	2.6	73	—	44	33	13	0.33	2	2	13
2013	11	—	4	1	5	4.5	36	—	20	20	25	0.42	1	1	7
2014	9	—	4	1	5	3.8	44	—	20	20	40	0.46	0	6	11
2015	9	—	1	3	4	4.3	44	—	75	75	50	0.35	1	2	7
2016	9	—	4	0	4	6.0	44	—	0	0	67	0.41	1	3	8
2017	11	—	6	1	7	2.9	64	—	14	0	14	0.46	1	2	10
2018	11	—	9	1	10	2.9	91	—	10	10	0	0.40	1	0	11
2019	11	—	7	2	9	3.8	82	—	22	22	22	0.29	0	2	11
2020	12	—	10	2	12	2.9	92	—	17	8	9	0.44	1	2	15
2021	11	—	8	3	11	3.1	100	—	27	18	18	0.38	0	0	11
2022	15	—	11	0	11	2.3	73	—	0	0	10	0.37	0	0	11
2023	15	—	12	14	26	3.8	173	—	54	31	30	0.25	1	1	29
2024	—	—	17	16	33	3.6	—	—	48	30	28	—	0	1	34
Mean	11	—	7	4	10	3.5	75	—	31	20	22	0.36	1	2	13

*Includes limited-entry, conservation and expo permits.

2002, 2003, and 2004 unit was called 17a Wasatch Mountains, West.

Cougar mortality for West Desert, Mountain Ranges (19a), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	17	—	2	0	2	—	12	—	0	—	—	—	0	0	2
1991	17	—	0	1	1	—	6	—	100	—	—	—	3	1	5
1992	17	—	0	1	1	—	6	—	100	—	—	—	0	1	2
1993	20	—	3	1	4	—	20	—	25	—	—	—	2	1	7
1994	20	—	2	3	5	—	25	—	60	—	—	—	3	0	8
1995	20	—	4	4	8	—	40	—	50	—	—	—	3	6	17
1996	20	—	4	2	6	4.7	30	—	33	—	—	—	0	1	7
1997	—	10	4	6	10	4.8	—	100	60	—	—	—	0	0	10
1998	—	10	1	3	4	4.1	—	40	75	—	—	0.29	2	1	7
1999	—	10	1	2	3	3.2	—	30	67	—	—	0.20	0	0	3
2000	—	10	2	1	3	2.9	—	30	33	—	0	0.17	0	0	3
2001	—	8	3	0	3	3.0	—	38	0	—	0	0.29	0	0	3
2002	—	8	1	3	4	4.3	—	50	75	—	25	0.02	0	0	4
2003	—	8	2	0	2	4.0	—	25	0	—	0	0.00	0	0	2
2004	—	8	0	1	1	12.0	—	13	100	—	100	0.00	0	0	1
2005	—	8	1	1	2	2.0	—	25	50	—	0	0.14	0	0	2
2006	8	—	2	2	4	5.5	50	—	50	—	75	0.47	0	0	4
2007	8	—	0	1	1	5.0	13	—	100	—	100	0.00	0	0	1
2008	6	—	0	0	0	—	0	—	—	—	—	0.00	0	1	1
2009	6	—	0	3	3	7.0	50	—	100	100	67	0.29	0	1	4
2010	3	—	1	0	1	4.0	33	—	0	0	0	0.11	0	0	1
2011	4	—	2	1	3	3.7	75	—	33	0	33	0.14	0	0	3
2012	4	—	0	0	0	—	—	—	—	—	—	0.08	0	0	0
2013	4	—	0	0	0	—	—	—	—	—	—	0.22	0	0	0
2014	4	—	0	0	0	—	—	—	—	—	—	0.60	0	0	0
2015	4	—	0	0	0	—	0	—	—	—	—	0.33	0	0	0

*Includes limited-entry, conservation and expo permits.

Cougar mortality for West Desert, Mountain Ranges (19a), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female Harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	4	3	1	4	5.5	—	100	25	0	50	1.28	0	0	4
2017	—	8	0	1	1	2.0	—	13	100	0	0	0.23	0	0	1
2018	—	8	0	1	1	2.0	—	13	100	0	0	0.47	0	0	1
2019	—	8	4	0	4	3.3	—	50	0	0	25	—	1	0	5
2020	—	8	3	2	5	3.8	—	63	40	40	0	0.00	0	0	5
2021	—	8	2	1	3	2.5	—	38	33	0	0	0.00	0	0	3
2022	—	8	0	0	0	—	—	—	—	—	—	—	0	0	0
2023	—	8	1	0	1	3.0	—	13	0	0	0	0.12	0	0	1
2024	—	—	2	1	3	4.7	—	—	33	33	67	—	0	0	3
Mean	11	8	1	1	3	4.2	21	38	50	16	29	0.23	0	0	3

*Includes limited-entry, conservation and expo permits.

Cougar mortality for West Desert, Tintic (19c), Utah 2002.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 6 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	10	—	3	3	6	3.2	60	—	50	—	0.0	—	0	0	6
Mean	10	—	3	3	6	3.2	60	—	50	—	0.0	—	0	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for West Desert, Tintic-Vernon (19b), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	11	—	3	2	5	—	45	—	40	—	—	—	3	0	8
1991	11	—	5	0	5	—	45	—	0	—	—	—	1	2	8
1992	11	—	3	1	4	—	36	—	25	—	—	—	4	0	8
1993	10	—	2	2	4	—	40	—	50	—	—	—	3	0	7
1994	10	—	2	2	4	—	40	—	50	—	—	—	8	1	13
1995	15	—	3	5	8	—	53	—	63	—	—	—	0	0	8
1996	15	—	4	7	11	4.7	73	—	64	—	—	—	1	3	15
1997	—	5	1	7	8	4.8	—	160	88	—	—	—	1	1	10
1998	—	5	3	5	8	4.1	—	160	63	—	—	0.29	0	0	8
1999	8	—	3	0	3	—	38	—	0	—	—	0.20	0	0	3
2000	8	—	2	3	5	—	63	—	60	—	20	0.17	0	0	5
2001	—	7	4	3	7	4.1	—	100	43	—	29	0.38	0	0	7
2002	15	—	1	3	4	2.0	27	—	75	—	0	0.25	1	0	5
2003	15	—	6	0	6	2.4	40	—	0	—	0	0.14	0	0	6
2004	15	—	1	2	3	3.0	20	—	67	—	0	0.48	1	0	4
2005	15	—	4	1	5	2.3	33	—	20	—	0	0.10	0	0	5
2006	9	—	3	3	6	3.3	67	—	50	—	33	0.28	0	0	6
2007	8	—	4	7	11	3.4	138	—	64	—	22	0.14	0	0	11
2008	6	—	2	1	3	2.3	50	—	33	0	0	0.19	0	0	3
2009	5	—	0	2	2	3.5	40	—	100	100	0	0.22	0	0	2
2010	3	—	1	0	1	5.0	33	—	0	0	100	0.14	0	0	1
2011	4	—	2	0	2	6.0	50	—	0	0	100	0.13	0	0	2
2012	4	—	2	1	3	4.7	25	—	33	33	33	0.20	0	0	3
2013	4	—	2	0	2	3.5	50	—	0	0	0	0.17	0	1	3
2014	4	—	2	0	2	3.0	50	—	0	0	0	0.13	0	0	2
2015	4	—	1	0	1	2.0	25	—	0	0	0	0.12	0	0	1

*Includes limited-entry, conservation and expo permits.

Cougar mortality for West Desert, Tintic-Vernon (19b), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	4	—	3	0	3	4.7	75	—	0	0	67	0.14	0	0	3
2017	6	—	2	1	3	2.7	50	—	33	33	0	0.11	0	0	3
2018	9	—	3	0	3	4.0	33	—	0	0	25	0.28	0	0	3
2019	12	—	1	3	4	3.0	33	—	75	50	0	0.06	0	0	4
2020	12	—	6	1	7	3.5	58	—	14	14	33	0.05	0	0	7
2021	12	—	3	3	6	5.0	33	—	50	17	25	0.16	0	0	6
2022	11	—	5	1	6	2.2	55	—	17	17	0	0.17	0	0	6
2023	11	—	1	4	5	2.0	45	—	80	20	0	0.12	0	0	5
2024	—	—	3	5	8	3.4	—	—	63	63	29	—	0	0	8
Mean	9	6	3	2	5	3.5	47	140	38	20	21	0.19	1	0	6

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Yellowstone (9a), Utah 2002–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2002	8	—	1	1	2	3.0	25	—	50	—	0	0.14	2	0	4
2003	8	—	2	1	3	5.3	38	—	33	—	33	0.24	0	0	3
2004	—	10	1	5	6	2.5	—	60	83	—	0	0.11	0	0	6
2005	—	10	1	0	1	2.0	—	10	0	—	0	0.18	0	0	1
2006	10	—	2	0	2	3.5	20	—	0	—	0	0.05	0	0	2
2007	—	6	4	0	4	2.0	—	67	0	—	0	0.19	0	0	4
2008	—	6	3	0	3	2.7	—	50	0	0	0	0.12	1	1	5
2009	—	6	4	0	4	3.5	—	67	0	0	25	0.16	0	1	5
2010	—	6	5	1	6	2.2	—	100	17	0	0	0.05	0	1	7
2011	8	—	2	1	3	3.0	38	—	33	33	0	0.19	1	3	7
2012	8	—	2	1	3	4.7	—	—	33	33	67	0.14	0	0	3
2013	8	—	3	1	4	4.3	—	—	25	25	50	0.15	0	1	5
2014	—	—	6	2	8	3.9	—	—	25	25	14	0.12	0	0	8
2015	—	10	2	2	4	2.8	—	40	50	50	0	0.13	0	2	6
2016	—	10	4	4	8	4.9	—	80	50	50	71	0.33	2	1	11
2017	—	10	4	3	7	3.7	—	70	43	29	33	0.17	0	0	7
2018	—	10	4	4	8	3.4	—	80	50	50	25	0.12	1	0	9
2019	—	10	6	2	8	3.7	—	80	25	17	17	0.12	2	1	11
2020	—	10	3	4	7	2.4	—	70	57	29	0	0.09	1	0	8
2021	—	Unlimited	10	4	14	1.9	—	—	29	21	11	0.13	0	0	14
2022	—	Unlimited	0	1	1	1.0	—	—	100	0	—	0.18	1	0	2
2023	—	Unlimited	7	8	15	2.9	—	—	53	33	17	0.42	6	0	21
2024	—	—	1	2	3	3.3	—	—	67	33	33	—	0	1	4
Mean	8	9	3	2	5	3.1	—	64	36	24	17	0.16	1	1	7

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Zion (29), Utah 1990–2024.

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
1990	25	—	5	5	10	—	40	—	50	—	—	—	0	0	10
1991	25	—	10	1	11	—	44	—	9	—	—	—	0	0	11
1992	25	—	7	1	8	—	32	—	13	—	—	—	0	0	8
1993	25	—	10	6	16	—	64	—	38	—	—	—	5	1	22
1994	33	—	2	4	6	—	18	—	67	—	—	—	1	0	7
1995	38	—	17	8	25	—	66	—	32	—	—	—	1	2	28
1996	50	—	12	9	21	3.5	42	—	43	—	—	—	3	2	26
1997	50	—	16	14	30	3.4	60	—	47	—	—	—	0	2	32
1998	50	—	15	9	24	2.9	48	—	38	—	—	0.26	0	2	26
1999	50	—	4	9	13	2.6	26	—	69	—	7	0.26	0	0	13
2000	40	—	7	6	13	3.1	33	—	46	—	15	0.18	2	1	16
2001	40	—	6	4	10	3.5	25	—	40	—	18	0.29	1	2	13
2002	15	15	9	14	23	3.4	60	93	61	—	30	0.26	5	1	29
2003	15	15	9	10	19	3.5	33	93	53	—	31	0.76	4	0	23
2004	1	28	4	14	18	2.9	—	64	78	—	8	0.05	2	0	20
2005	—	28	5	3	8	3.0	—	29	38	—	25	0.15	0	2	10
2006	—	28	10	7	17	3.1	—	61	41	—	33	0.19	0	0	17
2007	—	28	10	7	17	3.8	—	61	41	—	29	0.17	1	1	19
2008	—	28	8	8	16	3.4	—	57	50	38	13	0.26	1	0	17
2009	—	21	6	9	15	3.5	—	71	60	47	27	0.23	3	2	20
2010	—	21	8	6	14	2.8	—	67	43	14	14	0.11	1	2	17
2011	—	18	10	6	16	3.2	—	89	38	13	20	0.25	0	1	17
2012	—	—	5	8	13	2.8	—	—	62	23	0	0.17	1	0	14
2013	—	—	6	3	9	4.1	—	—	33	22	33	0.12	1	0	10
2014	—	18	5	3	8	2.4	—	44	38	13	0	0.04	0	1	9
2015	—	20	10	7	17	2.2	—	85	41	24	6	0.14	0	2	19

*Includes limited-entry, conservation and expo permits.

Cougar mortality for Zion (29), Utah 1990–2024 (continued).

Year	Limited- entry permits*	Harvest- objective quota	Male harvest	Female harvest	Total harvest	Mean age	% permits filled	% quota filled	% females	% adult females	% ≥ 5 yrs old	Cougar treed / day	Wildlife Services harvest	Other mortality	Total harvest + mortality
2016	—	20	8	5	13	3.5	—	65	38	23	27	0.31	0	1	14
2017	—	18	12	1	13	3.6	—	72	8	8	45	0.46	0	0	13
2018	—	20	13	7	21	2.9	—	105	33	19	27	0.20	0	0	21
2019	—	23	5	11	16	3.7	—	70	69	50	17	0.00	0	0	16
2020	—	26	18	9	27	2.9	—	88	33	19	17	0.32	0	1	28
2021	—	Unlimited	14	12	26	2.7	—	—	46	27	17	0.16	2	2	30
2022	—	Unlimited	6	8	14	3.1	—	—	57	43	27	0.08	0	5	19
2023	—	Unlimited	6	11	17	3.1	—	—	65	47	25	0.14	0	2	19
2024	—	—	9	15	24	3.7	—	—	63	42	26	—	2	5	30
Mean	32	22	9	7	16	3.2	42	70	45	27	21	0.21	1	1	18

*Includes limited-entry, conservation and expo permits.