

Supplementary Material

Feral horse cause-specific mortality relative to mustering (gathering) and individual demographic attributes in the USA

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Table S1. List of gathers used in the analysis

	Emergency Status	Method	State	Year	Months	HMA (s)	Total # Horses Gathered	# Horse Mortalities
<i>No. Mortalities</i>								
1	Emergency	Bait	NV	2016	September-October	Maverick-Medicine	51	0
2		Bait	NV	2019	July-August	Red Rock	237	0
3		Helicopter	NV	2016	December	Eagle and Silver King	74	0
4		Helicopter	NV	2017	November	Fox and Lake Range	189	0
5	Non-emergency	Bait	CO	2018	September-October	Little Books	96	0
6		Bait	MT	2015	August	Pryor Mountains	50	0
7		Bait	NV	2017	May	Antelope Valley Private Land	1	0
8		Bait	OR	2016	August, November, April	South Steens	208	0
9		Bait	OR	2018	January-March	South Steens	102	0
10		Bait	WY	2013	January	McCullough Peaks	72	0
11		Bait	WY	2017	February-March	Adobe Town	89	0
12		Helicopter	NV	2015	February	Little Fish Lake	147	0
13		Helicopter	NV	2020	February	Reveille	113	0
14		Helicopter	UT	2017	January	Frisco	82	0
<i>Mortalities</i>								
15	Emergency	Bait	NV	2016	October	Goshute	63	2
16		Bait	NV	2016	September-October	Pancake	139	2
17		Bait	NV	2016	September	Wood Hills	55	1
18		Bait	NV	2018	September-October	Antelope Valley and Goshute	902	15
19		Bait	NV	2018	July	Antelope Valley Deer Spring	265	6
20		Bait	NV	2018	August-September	Spruce-Pequop	371	9
21		Bait	NV	2018	August	Wild Horse Range	801	31
22		Bait	UT	2018	July-August	Cedar Mountain	170	5
23		Helicopter	ID	2015	August-September	Soda Fire	279	3 ^a
24		Helicopter	NV	2018	September	Eagle	303	3
25		Helicopter	NV	2018	September-October	Owyhee Complex	1178	25
26	Non-emergency	Bait	CO	2016	November-March	Sand Wash Basin	166	1
27		Bait	NV	2016	September-October	Stone Cabin	292	6
28		Bait	NV	2018	July	Outside Goshute	135	2
29		Bait	NV	2018	July-August	Pancake	89	3
30		Bait	NV	2019	August-October	Antelope Valley	946	11
31		Bait	NV	2019	August-September	Caliente Complex Nuisance	102	1

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#	Emergency Status	Method	State	Year	Months	HMA (s)	Total # Horses Gathered	# Horse Mortalities
<i>No. Mortalities (continued)</i>								
32	Non-emergency	Bait	UT	2018	June-July	Range Creek	91	1
33		Helicopter	CO	2015	September	West Douglas	167	2
34		Helicopter	CO	2017	September	Cathedral Creek	86	1
35		Helicopter	ID	2019	November	Challis	295	2
35		Helicopter	NV	2015	February	Fish Creek	424	8
37		Helicopter	NV	2015	January-February	Humboldt	303	1
38		Helicopter	NV	2016	November-December	Owyhee	1832	18
39		Helicopter	NV	2017	January-February	Reveille	151	2
40		Helicopter	NV	2018	November-December	Silver King	996	20
41		Helicopter	NV	2018	January-February	Triple B Complex	1389	30
42		Helicopter	NV	2019	September	Fish Creek	558	5
43		Helicopter	NV	2019	July	Triple B Complex	804	16
44		Helicopter	NV	2020	October	Buffalo Hills and Granite Range	100	4
45		Helicopter	NV	2020	December	Desatoya Mountains	456	1
46		Helicopter	NV	2020	January-February	Eagle Complex	1716	24
47		Helicopter	NV	2020	November-January	Seaman and White River	420	11
48		Helicopter	OR	2015	August-September	Kiger and Riddle Mountain	139	1
49		Helicopter	OR	2018	January	Cold Springs	134	2
50		Helicopter	OR	2018	October	Warm Springs	846	32
51		Helicopter	UT	2017	November-December	Cedar Mountain	534	6 ^b
52		Helicopter	UT	2018	January-February	Bible Springs	429	5
53		Helicopter	UT	2018	September	Muddy Creek	153	1
54		Helicopter	UT	2019	September	Onaqui	241	2
55		Helicopter	UT	2019	September-October	Range Creek	154	1
56		Helicopter	WY	2010	October-November	Adobe Town, Salt Wells	2269	9
57		Helicopter	WY	2011	October-November	Antelope Hills - Great Divide Basin	1132	3
58		Helicopter	WY	2011	October-November	Antelope Hills - Red Desert Complex	899	7
59		Helicopter	WY	2011	August	Little Colorado and White Mountain	699	11
60		Helicopter	WY	2012	November	North Lander Complex Conant Creek	754	5
61		Helicopter	WY	2013	November-December	Adobe Town, Salt Wells	668	3
62		Helicopter	WY	2014	September-October	Checkerboard	1263	14
63		Helicopter	WY	2017	September-October	Adobe Town, Salt Wells, Great Divide Basin	1968	15
64		Helicopter	WY	2019	October	Fifteen Mile	607	11

^aDetails for 1 of the mortalities reported in cumulative mortalities not available in a daily gather report; ^bNo details available on these mortalities in daily gather reports