

Bureau of Land Management
Fiscal Year 2018 Rangeland
Inventory, Monitoring and
Evaluation Report

TABLE 1

Cumulative Monitored Rangeland Trend /a/

STATE	Total				
	Federal /b/	Up	Static	Down	Undetermined
ARIZONA	11,099,657	1,811,229	4,006,404	485,453	4,796,571
CALIFORNIA	5,999,791	649,300	660,532	94,956	4,595,003
COLORADO	7,712,239	453,649	2,208,654	8,252	5,041,684
IDAHO	11,039,541	1,737,519	5,683,307	1,001,039	2,617,676
MONTANA/DAKOTAS	7,877,648	1,071,087	5,068,089	349,391	1,389,081
NEVADA	41,904,008	3,007,082	13,827,033	7,182,741	17,887,152
NEW MEXICO	12,504,298	1,929,685	4,214,378	471,202	5,889,033
OREGON/WASHINGTON	13,454,237	2,779,072	6,687,594	1,894,148	2,093,423
UTAH	21,358,395	5,394,364	11,964,853	2,774,016	1,225,162
WYOMING	17,323,283	2,637,955	6,310,504	1,759,346	6,615,478
BLM TOTAL	150,273,097	21,470,942	60,631,348	16,020,544	52,150,263

/a/ Monitored rangeland trend is the change over time in the kind, proportion, or amount of plant species on an area of rangeland. The figures represent acreage within grazing allotments. One of the main uses of trend information is the characterization of change in rangeland vegetation relative to desired plant community vegetation management objectives or other vegetation management objectives. Trend characterized as "Up" means that changes in plant species are moving toward achievement of vegetation management objectives. Trend characterized as "Static" means there is no discernible change toward or away from vegetation management objectives. Trend characterized as "Down" means that changes in plant species are moving away from achievement of vegetation management objectives. Trend characterized as "Undetermined" means that vegetation data could not be collected to determine trend (for example on rock outcrop areas) or vegetation data has not yet been collected to determine trend (for example areas that do not have trend studies established), or there is vegetation data that has been collected but has not been repeatedly collected over time yet to determine trend. Trend information varies in age based on when the vegetation data were collected.

Up, static, and down trend represents what the trend was at the time the data/information were

/b/ These data are the BLM acres which lie within grazing allotments.

TABLE 2

Allotment Categorization /a/

STATE	Total		Category I		Category M		Category C		Uncategorized	
	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	826	11,099,657	203	4,908,696	185	3,541,225	435	2,575,900	3	73,836
CALIFORNIA	663	5,999,791	164	3,731,604	176	1,804,492	321	462,070	2	1,625
COLORADO	2,363	7,712,239	651	5,677,215	430	1,220,710	1,275	788,367	7	25,947
IDAHO	2,121	11,039,541	785	7,909,818	617	2,633,406	712	487,091	7	9,226
MONTANA/DAKOTAS	5,467	7,877,648	824	2,714,955	1,786	4,202,942	2,830	922,738	27	37,013
NEVADA	812	41,904,008	295	27,197,995	264	9,042,214	228	4,730,021	25	933,778
NEW MEXICO	2,303	12,504,298	626	6,820,310	845	4,361,505	820	1,304,648	12	17,835
OREGON/WASHINGTON	2,023	13,454,237	445	8,385,902	403	4,327,351	1,161	730,366	14	10,618
UTAH	1,405	21,358,395	451	12,000,961	414	6,987,995	518	2,108,497	22	260,942
WYOMING	3,604	17,323,283	868	10,619,907	807	5,034,599	1,916	1,650,540	13	18,237
BLM TOTAL	21,587	150,273,097	5,312	89,967,363	5,927	43,156,439	10,216	15,760,238	132	1,389,057

/a/ Grazing allotments are categorized as I, M, or C, usually during resource management planning. Washington Office Instruction Memorandum 2009-18 directed a review of existing I, M, and C categorization in order to establish priorities for monitoring, evaluations, and grazing management actions. I allotments have the objective of "Improve the current resource condition". M allotments have the objective of "Maintain the current resource condition". C allotments have the objective of "Custodially manage the existing resource values". The intent of categorization is to concentrate funding and on-the-ground management efforts to those allotments where grazing management is most needed to improve resources or resolve resource conflicts. Priority for where grazing management is most needed to improve resources or resolve resource conflicts is I allotments, followed by M allotments, and then C allotments. The numbers of allotments in each category of I, M, and C can vary annually. Allotments can be moved from one category to another as new information becomes available, resource conditions change, or management activities are implemented (Source: BLM Manual 1622--Supplemental Program Guidance for Renewable Resources). Source of these data is BLM's Rangeland Administration System.

TABLE 3
Monitoring of Grazing Allotments

STATE	Cumulative Number of Allotments in which Monitoring Studies have been Established /a/		Allotments in which Monitoring Data were Collected During the Reporting Year /b/		Allotments in which Monitoring Data were Evaluated During the Reporting Year /c/		Allotments in which Decisions were Issued During the Reporting Year /d/	
	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	723	9,715,784	187	3,532,153	67	1,169,363	12	81,890
CALIFORNIA	197	3,988,070	73	3,194,996	23	379,612	32	458,299
COLORADO	1,109	5,867,912	298	1,993,157	249	1,576,561	152	268,012
IDAHO	1,266	10,030,688	592	7,047,840	31	481,015	30	238,997
MONTANA/DAKOTAS	2,561	6,644,820	692	2,535,395	406	1,353,714	655	851,157
NEVADA	408	24,891,525	114	10,110,847	5	347,790	2	39,746
NEW MEXICO	1,704	11,692,309	170	2,536,683	95	610,544	84	287,589
OREGON/WASHINGTON	1,172	10,142,084	292	5,095,648	48	1,250,805	63	288,203
UTAH	1,346	21,084,352	298	6,900,059	49	1,038,133	58	1,901,522
WYOMING	1,879	14,786,618	577	8,671,345	251	2,337,347	116	134,233
BLM TOTAL	12,365	118,844,162	3,293	51,618,123	1,224	10,544,884	1,204	4,549,648

/a/ The number of allotments, and their BLM acreage, in which at least one monitoring study has been established. Monitoring studies include actual use monitoring, utilization monitoring, trend monitoring, weather/climate monitoring, and supplementary monitoring (BLM Manual Handbook H-4400-1). Source of these data is field office records.

/b/ The number of allotments, and their BLM acreage, in which monitoring data were collected during the reporting year. Monitoring data include actual use data, utilization data, trend data, weather/climate data, supplemental data, and use supervision data (BLM Manual Handbook H-4400-1). Source of these data is field office records.

/c/ The number of allotments, and their BLM acreage, in which monitoring data were analyzed, interpreted, and evaluated to evaluate progress toward achieving resource management objectives, during the reporting year. Source of these data is field office records.

/d/ The number of allotments, and their BLM acreage, in which grazing management decisions were issued during the reporting year. Source of these data is BLM's Rangeland Administration System.

TABLE 4

Allotment Management Plans (AMP) or Other Applicable Activity Plans Intended to Serve as the Functional Equivalent of Allotment Management Plans /a/

STATE	Total /b/		With AMP or Equivalent /c/		Without AMP or Equivalent /d/	
	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	826	11,099,657	283	5,267,698	543	5,831,959
CALIFORNIA	663	5,999,791	216	4,961,511	447	1,038,280
COLORADO	2,363	7,712,239	665	4,964,837	1,698	2,747,402
IDAHO	2,121	11,039,541	408	5,390,713	1,713	5,648,828
MONTANA/DAKOTAS	5,467	7,877,648	1,081	4,075,789	4,386	3,801,859
NEVADA	812	41,904,008	397	28,342,822	415	13,561,186
NEW MEXICO	2,303	12,504,298	355	4,517,686	1,948	7,986,612
OREGON/WASHINGTON	2,023	13,454,237	388	7,853,544	1,635	5,600,693
UTAH	1,405	21,358,395	528	10,625,495	877	10,732,900
WYOMING	3,604	17,323,283	592	8,734,787	3,012	8,588,496
BLM TOTAL	21,587	150,273,097	4,913	84,734,882	16,674	65,538,215

/a/ The development of an Allotment Management Plan or its equivalent for a grazing allotment is discretionary (43 Code of Federal Regulations §4120.2). Allotment Management Plans prescribe the manner in which, and the extent to which, livestock grazing is conducted and managed to achieve multiple use, sustained yield, economic, and other needs and objectives as determined through land use plans. Grazing allotments without Allotment Management Plans or their equivalent are still undergoing resource management by the BLM.

/b/ These data are the total number of allotments, and the BLM acreage existing within these allotments, for the BLM. Source of these data is BLM's Rangeland Administration System.

/c/ The number of allotments, and their BLM acreage, that have an AMP or other applicable activity plan intended to serve as the functional equivalent of an AMP. Source of these data is BLM's Rangeland Administration System.

/d/ The number of allotments, and their BLM acreage, that do not have an AMP or other applicable activity plan intended to serve as the functional equivalent of an AMP. Source of these data is BLM's Rangeland Administration System.

TABLE 5
Standards for Rangeland Health /a/
A. Current Year Accomplishments /b/

STATE	Category A. Rangelands meeting all standards or making significant progress toward meeting the standards /c/		Category B. Rangelands not meeting all standards or making significant progress toward meeting the standards, but appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor) /d/		Category C. Rangelands not meeting all standards or making significant progress toward meeting the standards, and no appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor) /e/		Category D. Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing /f/		Category E. Total number of allotments that have been assessed /g/	
	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	10	129,533	0	0	5	335,615	1	12,549	16	477,697
CALIFORNIA	23	20,388	0	0	1	5,091	0	0	24	25,479
COLORADO	56	177,889	6	47,131	1	3,784	26	97,267	89	326,071
IDAHO	14	167,387	0	0	9	89,968	20	76,516	43	333,871
MONTANA/DAKOTAS	216	440,829	6	22,923	0	0	16	16,477	238	480,229
NEVADA	4	7,487	7	55,986	0	0	2	88,970	13	152,443
NEW MEXICO	130	641,487	0	0	0	0	0	0	130	641,487
OREGON/WASHINGTON	13	61,872	10	9,441	0	0	18	55,728	41	127,041
UTAH	30	206,295	0	0	0	0	0	0	30	206,295
WYOMING	158	204,766	3	21,997	12	3,393	15	57,134	188	287,290
BLM TOTAL	654	2,057,933	32	157,478	28	437,851	98	404,641	812	3,057,903

/a/ Standards for Rangeland Health are ecologically-based goals that conform with the Fundamentals of Rangeland Health found in 43 Code of Federal Regulations Subpart 4180. Fundamentals of Rangeland Health are fundamental requirements for achieving functional healthy public lands. The Fundamentals, and the Standards for Rangeland Health that conform to the Fundamentals, address the necessary physical components of functional watersheds, ecological processes required for healthy biotic communities, water quality standards, and habitat for threatened and endangered species or other species of special interest.

/b/ Current Year Accomplishments are numbers of allotments, and their BLM acreage, that are in various stages of achieving Standards for Rangeland Health within the current reporting year. Although Standards for Rangeland Health are now called Land Health Standards and apply to all BLM lands rather than just rangelands and just allotments, the evaluation of Standards for Rangeland Health began on BLM lands within grazing allotments and still primarily has been operationally focused on BLM lands within grazing allotments. Eventually, current year accomplishments will reflect achievements on any BLM lands rather than just BLM lands within allotments. Source of these data is field office records.

/c/ The number of allotments, and their BLM acreage, that are either meeting all land health standards or are making significant progress toward meeting all land health standards. Source of these data is field office records.

/d/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing has been determined to be the cause of this non-achievement, and management action has been taken to change livestock grazing to ensure that significant progress toward meeting land health standards will occur. Source of these data is field office records.

/e/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing has been determined to be the cause of this non-achievement, and management action has not yet been taken to change livestock grazing to ensure that significant progress toward meeting land health standards will occur. Source of these data is field office records.

/f/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing is not the cause of the non-achievement. Source of these data is field office records.

/g/ The number of allotments, and their BLM acreage, which were assessed for achievement of land health standards in the current reporting year. Source of these data is field office records.

/g/ The number of allotments, and their BLM acreage, which were assessed for achievement of land health standards in the current reporting year. Source of these data is field office records.

TABLE 5
Standards for Rangeland Health /a/
B. Cumulative Accomplishments /a/

STATE	Category A. Rangelands meeting all standards or making significant progress toward meeting the standards /b/		Category B. Rangelands not meeting all standards or making significant progress toward meeting the standards, but appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor) /c/		Category C. Rangelands not meeting all standards or making significant progress toward meeting the standards, and no appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor) /d/		Category D. Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing /e/		Category E. Total number of allotments that have been assessed		Category F. Total number of allotments that have not been		Category G. Total number of allotments /h/	
	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	522	6,008,723	7	144,323	8	340,261	9	118,529	546	6,611,836	277	4,816,039	823	11,427,875
CALIFORNIA	320	2,131,260	53	1,589,675	8	37,572	49	224,558	430	3,983,065	232	2,247,582	662	6,230,647
COLORADO	1,351	3,553,430	144	1,285,260	2	6,439	247	1,410,749	1,744	6,255,878	574	1,550,878	2,318	7,806,756
IDAHO	812	2,533,982	273	3,469,095	57	651,012	238	1,227,494	1,380	7,881,583	727	3,441,143	2,107	11,322,726
MONTANA/DAKOTAS	4,324	6,765,123	467	1,014,408	10	16,791	167	206,840	4,968	8,003,162	333	245,621	5,301	8,248,783
NEVADA	99	3,549,300	94	9,972,140	13	746,452	95	4,219,814	301	18,487,706	481	24,777,257	782	43,264,963
NEW MEXICO	1,480	7,209,524	18	106,382	4	12,873	12	49,203	1,514	7,377,982	759	5,665,898	2,273	13,043,880
OREGON/WASHINGTON	496	5,387,324	93	764,342	31	73,407	131	1,015,885	751	7,240,958	1,281	6,449,621	2,032	13,690,579
UTAH	872	11,418,589	133	2,063,130	24	1,019,987	57	1,439,415	1,086	15,941,121	306	5,645,889	1,392	21,587,010
WYOMING	1,357	7,224,084	239	3,924,641	57	492,526	259	2,022,570	1,912	13,663,821	1,639	3,721,267	3,551	17,385,088
BLM TOTAL	11,633	55,781,339	1,521	24,333,396	214	3,397,320	1,264	11,935,057	14,632	95,447,112	6,609	58,561,195	21,241	154,008,307

/a/ Cumulative Accomplishments are numbers of allotments, and their BLM acreage, that are in various stages of achieving Standards for Rangeland Health, over the entire time span that Standards for Rangeland Health have been assessed. Although Standards for Rangeland Health are now called Land Health Standards and apply to all BLM lands rather than just rangelands and just allotments, the evaluation of Standards for Rangeland Health began on BLM lands within grazing allotments and still primarily has been operationally focused on BLM lands within grazing allotments. Eventually, cumulative accomplishments will reflect achievements on any BLM lands rather than just BLM lands within allotments.

/b/ The number of allotments, and their BLM acreage, that are either meeting all land health standards or are making significant progress toward meeting all land health standards. Source of these data is field office records.

/c/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing has been determined to be the cause of this non-achievement, and management action has been taken to change livestock grazing to ensure that significant progress toward meeting land health standards will occur. Source of these data is field office records.

/d/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing has been determined to be the cause of this non-achievement, and management action has not yet been taken to change livestock grazing to ensure that significant progress toward meeting land health standards will occur. Source of these data is field office records.

/e/ The number of allotments, and their BLM acreage, that are not meeting all land health standards, or are not making significant progress toward meeting all land health standards, and existing livestock grazing is not the cause of the non-achievement. Source of these data is field office records.

/f/ The number of allotments, and their BLM acreage, which have been assessed for achievement of land health standards over the entire time span that land health standards have been assessed (1998 to present). Source of these data is field office records.

/g/ The number of allotments, and their BLM acreage, which have not yet been assessed for achievement of land health standards. Source of these data is field office records.

/h/ The total number of allotments, and the BLM acreage existing within these allotments, for the BLM. Source of these data is field office records.