Bureau of Land Management Rangeland Inventory, Monitoring and Evaluation Report Fiscal Year 2019

TABLE 1

Cumulative Monitored Rangeland Trend /a/

STATE	Total Federal /b/	Up	Static	Down	Undetermined
ARIZONA	11,429,488	1,861,207	4,067,408	485,453	5,015,420
CALIFORNIA	2,461,962	649,300	684,863	94,956	1,032,843
COLORADO	4,836,600	457,735	2,092,346	8,252	2,278,267
IDAHO	10,440,013	1,737,519	5,683,307	1,001,039	2,018,148
MONTANA/DAKOTAS	7,978,419	1,014,965	5,787,934	316,724	858,796
NEVADA	10,562,994	368,939	2,397,720	1,907,167	5,889,168
NEW MEXICO	11,797,770	2,055,391	4,153,121	639,634	4,949,624
OREGON/WASHINGTON	12,204,941	2,810,447	6,435,241	1,888,439	1,070,814
UTAH	21,274,162	5,457,634	11,168,194	2,728,361	1,919,973
WYOMING	17,207,120	3,042,891	6,465,773	1,802,504	5,895,952
BLM TOTAL	110,193,469	19,456,028	48,935,907	10,872,529	30,929,005

/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 analyzed/evaluated. Source of these data is field office records.

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

TABLE 2

Allotment Categorization /a/

	Total		Category I		Category M		Category C		Uncategorized	
STATE	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

	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/	
STATE	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	702	10,069,693	250	4,227,939	48	890,358	11	349,462
CALIFORNIA	221	4,412,401	103	2,880,530	43	398,852	39	459,513
COLORADO	943	4,944,554	449	2,309,402	234	1,033,567	150	418,367
IDAHO	1,425	10,343,185	461	6,791,162	22	274,877	16	240,099
MONTANA/DAKOTAS	3,291	29,769,833	1,263	16,209,034	347	2,597,654	811	1,383,307
NEVADA	431	27,215,644	158	13,707,115	20	2,568,477	189	1,732,104
NEW MEXICO	1,704	11,394,238	254	3,753,750	146	1,525,019	21	468,881
OREGON/WASHINGTON	517	6,587,064	184	3,882,933	17	617,277	45	318,683
UTAH	1,346	21,084,352	365	10,296,778	55	846,077	39	572,502
WYOMING	2,279	16,445,502	799	8,823,933	167	3,362,206	165	3,724,258
BLM TOTAL	12,859	142,266,466	4,286	72,882,576	1,099	14,114,364	1,486	9,667,176

/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/

	Total /b/		With AMP or Equivalent /c/		Without AMP or Equivalent /d/	
STATE	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
Fundamentals of Land Health /a/
A. Upland Watershed Function /b/

		Public Land Not Achieving								
STATE	Public Land Achieving /c/	Significant Factor is Undetermined /d/	Significant Factor is Non-BLM or Not BLM Authorized /e/	Current Management or Disturbances Affect Land Health /f/	Current Management or Disturbances Affect Land Health, But Ways to Achieve Significant Progress are Unknown /g/	Current Management or Disturbances Changed--Significant Factors Addressed--To Result in Significant Progress Toward Achieving /h/	Current Management or Disturbances are Appropriate--Monitoring Data Indicate Making Significant Progress Toward Achieving /i/	Public Land Where Fundamental Does Not Apply /j/	Public Land Unevaluated /k/
ARIZONA	4006133	414057	279843	16004	0	85994	53556	0	6769294
CALIFORNIA	344425	10872	0	0	0	25336	0	0	282280
COLORADO	2335094	4957	20414	101674	13556	288533	17057	16733	540967
IDAHO	1796885	0	24950	311	0	27657	12897	65	10139041
MONTANA/DAKOTAS	6424105	581	42532	53647	51605	446115	52945	26803	1134719
NEVADA	4304323	0	0	1044487	12560	0	366463	0	36176175
NEW MEXICO	8527994	4116	189843	14058	10700	68121	227884	0	3918988
OREGON/WASHINGTON	3067623	0	0	0	70082	86297	0	80139	29335
UTAH	6641161	0	403228	0	4739	623390	0	275	11859069
WYOMING	3896155	13269	86095	6039	13054	11947	44253	16467	793227
BLM TOTAL	41,343,898	447,852	1,046,905	1,236,220	176,296	1,663,391	775,055	140,482	71,643,095

/a/ Fundamentals of Land Health (43 Code of Federal Regulations Subpart 4180.1) are fundamental requirements for achieving functional healthy public lands. The Fundamentals of Land Health 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/ Upland Watershed Function is a Fundamental of Land Health (43 Code of Federal Regulations §4180.1) that relates to the physical functioning of the upland portions of watersheds and is focused on upland soils and their ability to capture, store, and release moisture associated with normal precipitation events. The Watershed Function Fundamental of Land Health is defined as: Watersheds are in, or are making significant progress toward, properly functioning physical condition, including their upland, riparian-wetland, and aquatic components; soil and plant conditions support infiltration, soil moisture storage, and the release of water that are in balance with climate and landform and maintain or improve water quality, water quantity, and timing and duration of flow.

/c/ Of the lands that have been evaluated for land health, the acreage of lands that are achieving the upland watershed function fundamental of land health.

/d/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health and it is not known why.

/e/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health, BLM knows what is causing the non-achievement, yet it is not BLM's fault.

/f/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health, the causes of the non-achievement are under BLM control, and no actions have been taken yet on the causes.

/g/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health, the causes of the non-achievement are under BLM control, yet ways to treat the causes and improve conditions are not known, are too costly to implement, or are not feasible with present technology.

/h/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health, the causes of the non-achievement are under BLM control, and BLM has taken action on the causes with intent of achieving significant progress toward achieving.

/i/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the upland watershed function fundamental of land health, BLM has taken action on the causes of non-achievement, and BLM has monitoring data that shows that the action(s) taken are making significant progress (upward trend) toward achieving.

/j/ Of the lands that have been evaluated for land health, the acreage of lands that the upland watershed function fundamental of land health is not applicable to. These lands would primarily be riparian areas and waterbodies.

/k/ Acreage of lands that have yet to be evaluated for achievement of the upland watershed function fundamental of land health.

B. Riparian Watershed Function /b/

			Public Land Not Achieving													
	Public Land Achieving /c/		Significant Factor is Undetermined /d/		Significant Factor is Non-BLM or Not BLM Authorized /e/		Current Management or Disturbances Affect Land Health /f/		Current Management or Disturbances Affect Land Health, But Ways to Achieve Significant Progress are Unknown /g/		Current Management or Disturbances Changed--Significant Factors Addressed--To Result in Significant Progress Toward Achieving /h/		Current Management or Disturbances are Appropriate--Monitoring Data Indicate Making Significant Progress Toward Achieving /i/		Public Land Where Fundamental Does Not Apply /j/	Public Land Unevaluated /k/
STATE	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Acres
ARIZONA	402,090	195	413	8	350	17	25	8	0	0	0	0	0	6	6,653,262	2,764,912

CALIFORNIA	114	28	0	0	0	1	0	0	0	0	36	2	0	0	21,811	6,523,947
COLORADO	5,580	1,010	13	15	3,012	14	138	19	46	3	238	20	0	5	1,991,987	67,376
IDAHO	15,058	485	0	0	31,873	46	14,067	4	0	0	58	37	2,733	34	1,678,579	152
MONTANA/DAKOTAS	10,060	2,067	144	40	69	39	201	34	784	52	932	171	88	74	7,854,991	74,426
NEVADA	13	92	0	0	0	0	24	13	0	0	6	1	0	0	840,165	41,063,821
NEW MEXICO	22,523	359	0	0	823	10	0	26	35	0	44	5	32	2	2,921,926	5,382
OREGON/WASHINGTON	39,670	236	0	0	0	10	0	0	0	10	3	10	0	47	3,239,108	28,269
UTAH	1,237	939	393	257	1	0	0	0	2	12	180	83	23	30	3,705,115	280,598
WYOMING	3,614,529	68	0	0	4	4	0	0	0	3	25,256	44	23,030	2	852,747	157,809
BLM TOTAL	4,110,874	5,479	963	320	36,132	141	14,455	104	867	81	26,754	371	25,906	200	29,759,691	50,966,692

/b/ Riparian Watershed Function is a Fundamental of Land Health (43 Code of Federal Regulations §4180.1) that relates to the physical functioning of the riparian-wetland portions of watersheds. The Watershed Function Fundamental of Land Health is defined as: Watersheds are in, or are making significant progress toward, properly functioning physical condition, including their upland, riparian-wetland, and aquatic components; soil and plant conditions support infiltration, soil moisture storage, and the release of water that are in balance with climate and landform and maintain or improve water quality, water quantity, and timing and duration of flow.

/c/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are achieving the riparian watershed function fundamental of land health.

/d/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health and it is not known why.

/e/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health, BLM knows what is causing the non-achievement, yet it is not BLM's fault.

/f/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health, the causes of the non-achievement are under BLM control, and no actions have been taken yet on the causes.

/g/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health, the causes of the non-achievement are under BLM control, yet ways to treat the causes and improve conditions are not known, are too costly to implement, or are not feasible with present technology.

/h/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health, the causes of the non-achievement are under BLM control, and BLM has taken action on the causes with intent of achieving significant progress toward achieving.

/i/ Of the lands that have been evaluated for land health, the acreage of lentic riparian areas and the miles of lotic riparian areas that are not achieving the riparian watershed function fundamental of land health, BLM has taken action on the causes of non-achievement, and BLM has monitoring data that shows that the action(s) taken are making significant progress (upward trend) toward achieving.

/j/ Of the lands that have been evaluated for land health, the acreage of lands that the riparian watershed function fundamental of land health is not applicable to. These lands would be uplands that are not riparian areas and waterbodies.

/k/ Acreage of lands that have yet to be evaluated for achievement of the riparian watershed function fundamental of land health.

C. Ecological Processes /b/

			Public Land Not Achieving													
	Public Land Achieving /c/		Significant Factor is Undetermined /d/		Significant Factor is Non-BLM or Not BLM Authorized /e/		Current Management or Disturbances Affect Land Health /f/		Current Management or Disturbances Affect Land Health, But Ways to Achieve Significant Progress are Unknown /g/		Current Management or Disturbances Changed--Significant Factors Addressed--To Result in Significant Progress Toward Achieving /h/		Current Management or Disturbances are Appropriate--Monitoring Data Indicate Making Significant Progress Toward Achieving /i/		Public Land Where Fundamental Does Not Apply /j/	Public Land Unevaluated /k/
STATE	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles		Acres
ARIZONA	3,886,236	14	415,928	0	237,853	17	16,029	0	81,628	0	4,306	0	53,556	0	0	6,813,409
CALIFORNIA	356,348	332,037	0	0	0	0	0	0	0	0	216,304	0	0	0	0	6,523,947
COLORADO	3,328,505	0	5,475	0	32,740	0	160,530	0	111,564	0	300,763	0	67,257	0	40,897	698,842
IDAHO	1,171,715	366	0	0	106,655	0	8,960	0	0	0	64,536	0	500,845	0	16,911	0
MONTANA/DAKOTAS	6,455,675	2,067	18,305	40	11,048	39	50,573	24	52,206	52	445,798	171	53,043	74	259	1,138,848
NEVADA	2,195,695	0	0	0	0	0	1,233,675	4	496,601	0	313,906	0	1,478,739	0	4,307	36,916,070
NEW MEXICO	8,527,994	0	4,116	9,787	180,056	0	14,058	0	10,700	0	295,121	0	227,884	0	0	3,918,988
OREGON/WASHINGTON	3,125,656	0	0	0	3,196	0	0	0	125,772	0	50,497	0	0	0	0	28,269
UTAH	6,642,398	939	393	206	403,229	0	0	0	4,739	0	623,570	83	23	30	0	10,386,294
WYOMING	3,828,370	52	13,269	0	7,070	1	6,228	0	50,352	0	25,364	0	46,261	0	19,894	795,505
BLM TOTAL	39,518,592	335,475	457,485	10,033	981,847	57	1,490,053	28	933,562	52	2,340,165	254	2,427,607	104	82,268	67,220,172

/b/ Ecological Processes is a Fundamental of Land Health (43 Code of Federal Regulations §4180.1) that is defined as: Ecological processes, including the hydrologic cycle, nutrient cycle, and energy flow, are maintained, or there is significant progress toward their attainment, in order to support healthy biotic populations and communities.

/c/ Of the lands that have been evaluated for land health, the acreage of lands that are achieving the ecological processes fundamental of land health.

/d/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health and it is not known why.

/e/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health, BLM knows what is causing the non-achievement, yet it is not BLM's fault.

/f/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health, the causes of the non-achievement are under BLM control, and no actions have been taken yet on the causes.

/g/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health, the causes of the non-achievement are under BLM control, yet ways to treat the causes and improve conditions are not known, are too costly to implement, or are not feasible with present technology.

/h/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health, the causes of the non-achievement are under BLM control, and BLM has taken action on the causes with intent of achieving significant progress toward achieving.

/i/ Of the lands that have been evaluated for land health, the acreage of lands that are not achieving the ecological processes fundamental of land health, BLM has taken action on the causes of non-achievement, and BLM has monitoring data that shows that the action(s) taken are making significant progress (upward trend) toward achieving.

/j/ Of the lands that have been evaluated for land health, the acreage of lands that the ecological processes fundamental of land health is not applicable to.

/k/ Acreage of lands that have yet to be evaluated for achievement of the ecological processes fundamental of land health.

D. Water Quality /b/

			Public Land Not Achieving													
	Public Land Achieving /c/		Significant Factor is Undetermined /d/		Significant Factor is Non-BLM or Not BLM Authorized /e/		Current Management or Disturbances Affect Land Health /f/		Current Management or Disturbances Affect Land Health, But Ways to Achieve Significant Progress are Unknown /g/		Current Management or Disturbances Changed--Significant Factors Addressed--To Result in Significant Progress Toward Achieving /h/		Current Management or Disturbances are Appropriate--Monitoring Data Indicate Making Significant Progress Toward Achieving /i/		Public Land Where Fundamental Does Not Apply /j/	Public Land Unevaluated /k/
STATE	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Acres
ARIZONA	49,989,359	336,467	471,147	10,240	1,392,145	57	1,496,281	28	988,653	52	2,989,100	337	2,473,891	134	102,161	78,401,971
CALIFORNIA	77	25	0	0	0	1	0	0	0	0	12	0	0	0	21,811	6,523,947
COLORADO	764,899	5,985	5	16	2,685	249	0	0	5,797	13	245	134	0	0	119,684	446,406
IDAHO	9,973	557	10,382	10	120,266	21	9,831	4	0	31	0	6	0	18	1,511,137	99
MONTANA/DAKOTAS	14,724	2,224	144	38	69	43	93	39	17	10	826	169	9	119	7,854,351	71,172
NEVADA	6	47	0	0	0	0	0	0	0	0	0	0	0	0	0	41,904,008
NEW MEXICO	870,434	254	1,916	9,789	823	119	0	6	35	0	25,281	5	32	2	1,414,125	656,504
OREGON/WASHINGTON	2,895	243	0	0	9,910	2	0	0	0	10	1	9	0	47	3,264,862	29,380
UTAH	1,211	924	392	257	0	1	0	0	2	12	180	83	23	30	5,909,402	512,303
WYOMING	3,551,049	50	0	0	133	3	0	0	0	0	0	1	0	0	934,558	158,371
BLM TOTAL	55,204,628	346,775	483,986	20,350	1,526,031	497	1,506,205	77	994,504	129	3,015,645	743	2,473,955	350	21,132,091	128,704,160

/b/ Water Quality is a Fundamental of Land Health (43 Code of Federal Regulations §4180.1) that is defined as: Water quality complies with State water quality standards and achieves, or is making significant progress toward achieving, established BLM management objectives such as meeting wildlife needs.

/c/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are achieving the water quality fundamental of land health.

/d/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health and it is not known why.

/e/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health, BLM knows what is causing the non-achievement, yet it is not BLM's fault.

/f/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health, the causes of the non-achievement are under BLM control, and no actions have been taken yet on the causes.

/g/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health, the causes of the non-achievement are under BLM control, yet ways to treat the causes and improve conditions are not known, are too costly to implement, or are not feasible with present technology.

/h/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health, the causes of the non-achievement are under BLM control, and BLM has taken action on the causes with intent of achieving significant progress toward achieving.

/i/ Of the lands that have been evaluated for land health, the acreage of lentic waters and the miles of lotic waters that are not achieving the water quality fundamental of land health, BLM has taken action on the causes of non-achievement, and BLM has monitoring data that shows that the action(s) taken are making significant progress (upward trend) toward achieving.

/j/ Of the lands that have been evaluated for land health, the acreage of lands that the water quality fundamental of land health is not applicable to. These lands would be uplands that are not springs, seeps, or waterbodies.

/k/ Acreage of lands that have yet to be evaluated for achievement of the water quality fundamental of land health.

E. Habitat Quality for Threatened and Endangered and Special Status Species /b/

	Public Land Not Achieving

STATE	Public Land Achieving /c/ Acres	Miles	Significant Factor is Undetermined /d/ Acres	Miles	Significant Factor is Non-BLM or Not BLM Authorized /e/ Acres	Miles	Current Management or Disturbances Affect Land Health /f/ Acres	Miles	Current Management or Disturbances Affect Land Health, But Ways to Achieve Significant Progress are Unknown /g/ Acres	Miles	Current Management or Disturbances Changed--Significant Factors Addressed--To Result in Significant Progress Toward Achieving /h/ Acres	Miles	Current Management or Disturbances are Appropriate--Monitoring Data Indicate Making Significant Progress Toward Achieving /i/ Acres	Miles	Public Land Where Fundamental Does Not Apply /j/ Acres	Public Land Unevaluated /k/ Acres
ARIZONA	1,462,625	62	36,952	4	115,372	13	16,004	8	0	0	81,688	0	53,556	6	2,000,926	8,535,778
CALIFORNIA	264,748	0	0	0	0	0	0	0	0	0	0	0	0	0	15,676	6,523,947
COLORADO	3,441,934	13	9,511	6	28,476	0	89,677	0	10,597	0	114,141	0	0	0	352,927	564,457
IDAHO	1,203,882	516	4,030	0	307,342	8	3,421	1	0	0	64,536	39	525,760	32	0	0
MONTANA/DAKOTAS	3,614,432	1,983	5,062	22	4,330	32	33,756	34	48,798	52	370,936	205	52,909	74	37	1,093,180
NEVADA	253,960	21	0	0	0	0	573,602	0	0	0	314,881	0	0	0	0	41,284,101
NEW MEXICO	7,597,152	18	1,916	9,787	86,344	0	0	0	10,200	0	54,029	0	227,584	0	1,055,704	3,886,279
OREGON/WASHINGTON	2,793,348	0	0	0	6,113	0	0	0	229,380	0	275,369	0	0	0	0	29,238
UTAH	4,852,306	874	0	206	419,881	0	0	0	531	0	1,911,343	69	2,239	17	2,030	11,833,737
WYOMING	3,853,589	52	13,269	0	92,149	2	189	0	50,861	0	13,120	6	21,769	0	18,883	795,505
BLM TOTAL	29,337,976	3,538	70,740	10,025	1,060,008	55	716,649	43	350,367	52	3,200,044	319	883,816	129	3,446,183	74,546,222

/b/ Habitat Quality for Threatened and Endangered and Special Status Species is a Fundamental of Land Health (43 Code of Federal Regulations §4180.1) that is defined as: Habitats are, or are making significant progress toward being, restored or maintained for Federal threatened and endangered species, Federal proposed or candidate threatened and endangered species and other special status species.

/c/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health.

/d/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health and it is not known why.

/e/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health, BLM knows what is causing the non-achievement, yet it is not BLM's fault.

/f/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health, the causes of the non-achievement are under BLM control, and no actions have been taken yet on the causes.

/g/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health, the causes of the non-achievement are under BLM control, yet ways to treat the causes and improve conditions are not known, are too costly to implement, or are not feasible with present technology.

/h/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health, the causes of the non-achievement are under BLM control, and BLM has taken action on the causes with intent of achieving significant progress toward achieving.

/i/ Of the lands that have been evaluated for land health, the acreage or miles of lands that are not achieving the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health, BLM has taken action on the causes of non-achievement, and BLM has monitoring data that shows that the action(s) taken are making significant progress (upward trend) toward achieving.

/j/ Of the lands that have been evaluated for land health, the acreage of lands that the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health is not applicable to.

/k/ Acreage of lands that have yet to be evaluated for achievement of the habitat quality for Threatened and Endangered and Special Status Species fundamental of land health.

TABLE 5.1

Standards for Rangeland Health /a/

A. Current Year Accomplishments /b/

	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/	
STATE	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	10	272,493	1	1,087	0	0	3	44,633	14	318,213
CALIFORNIA	6	61,188	0	0	1	5,091	0	0	7	66,279
COLORADO	24	93,847	2	8,577	0	0	25	97,190	51	199,614
IDAHO	15	32244	4	101,094	0	0	12	118,588	31	251,926
MONTANA/DAKOTAS	363	880,937	17	15,692	2	23,951	22	36,153	404	956,733
NEVADA	0	0	0	0	2	649,625	12	542,473	14	1,192,098
NEW MEXICO	211	1,900,648	0	0	0	0	0	0	211	1,900,648
OREGON/WASHINGTON	23	583,155	2	28,236	2	757	4	7,237	31	619,385
UTAH	19	56,899	0	0	0	0	1	2,029	20	58,928
WYOMING	32	81,969	1	400	0	0	25	139,960	58	222,329
BLM TOTAL	703	3,963,380	27	155,086	7	679,424	104	988,263	841	5,786,153

/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.

B. Cumulative Accomplishments /a/

	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 /f/		Category F. Total number of allotments that have not been assessed /g/		Category G. Total number of allotments /h/	
STATE	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres	Allotments	Acres
ARIZONA	637	8,992,780	16	377,782	10	269,771	28	180,611	691	9,820,944	131	1,029,847	822	10,850,791
CALIFORNIA	322	2,180,569	51	1,586,870	8	37,572	51	227,363	432	4,032,374	225	2,205,312	657	6,237,686
COLORADO	1,342	3,865,954	185	1,505,009	7	10,972	326	1,649,182	1,860	7,031,117	457	1,238,812	2,317	8,269,929
IDAHO	806	2,798,943	289	3,517,364	50	528,811	241	1,248,240	1,386	8,093,357	713	4,258,280	2,099	12,351,638
MONTANA/DAKOTA	4,254	6,689,589	449	957,367	3	31,031	248	390,452	4,954	8,068,439	349	216,470	5,303	8,284,909
NEVADA	104	3,517,923	93	9,951,981	10	530,316	94	4,456,233	301	18,456,453	474	23,927,830	775	42,384,283
NEW MEXICO	1,432	7,531,338	20	107,406	3	2,305	14	47,032	1,469	7,688,080	952	6,486,975	2,421	14,175,055
OREGON/WASHING	652	6,122,034	124	1,567,406	26	81,941	143	1,932,135	945	9,703,516	837	4,312,663	1,782	14,016,179
UTAH	922	11,987,177	990	3,311,523	0	0	58	1,401,780	1,970	16,700,480	310	5,664,385	2,280	22,364,865
WYOMING	1,361	6,722,047	261	4,118,868	37	432,615	292	2,541,325	1,951	13,814,855	1,480	3,151,325	3,431	16,966,180
BLM TOTAL	11,832	60,408,354	2,478	27,001,576	154	1,925,334	1,495	14,074,353	15,959	103,409,616	5,928	52,491,899	21,887	155,901,515

/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.