



Fiscal Year 2014
Rangeland Inventory, Monitoring, and
Evaluation Report

RIME TABLE 1
Ecological Site Inventory

Definitions

ESI Acres Inventoried this fiscal year represent acres inventoried with ESI, and include acres which have been categorized as: 1) Potential Natural Community, 2) Late Seral, 3) Mid Seral, 4) Early Seral, and 5) Unclassified (because they could not be categorized to seral stage). Ecological Site Inventory data are collected using methods found in BLM Technical Reference 1734-7, Ecological Site Inventory, <http://www.blm.gov/nstc/library/1734-7direct.html>. Source of these data is BLM's Management Information System.

Total Acres Inventoried Using the ESI Method or SVIM reported here represent acres inventoried with ESI or Soil Vegetation Inventory method known as SVIM. Ecological Site Inventory Acres reported here only include acres categorized as to seral stage (Potential Natural Community, Late Seral, Mid Seral, and Early Seral). Unclassified acres are now included in a category of inventory called "Uncategorized", in Table 2A. Source of these data is field office records.

STATE	Ecological Site Inventory	
	ESI Acres Inventoried this fiscal year	Total Acres Inventoried Using the ESI Method or SVIM
ARIZONA	20,000	6,634,429
CALIFORNIA	0	1,238,119
COLORADO	27,389	4,726,869
IDAHO	30,000	8,524,710
MONTANA/DAKOTAS	0	6,467,155
NEVADA	229,148	19,489,988
NEW MEXICO	0	9,526,649
OREGON/WASHINGTON	130,530	7,828,023
UTAH	16,000	13,600,361
WYOMING	0	10,405,853
BLM TOTAL	453,067	88,442,156

RIME TABLE 2

Part A - Rangeland Inventories

Definitions

Total Acres Available to be Inventoried are the BLM acres which lie within grazing allotments. Source of these data is BLM's Rangeland Administration System.

Ecological site Inventory or **ESI** acres are the same as what is reported for "Total Acres Inventoried Using the ESI Method or SVIM" in Table 1. Source of these data is field office records.

Seedings Acres reported here are for non-native or native seedings. Source of these data is field office records.

Ephemeral acres are rangelands that typically have very low carrying capacity, yet can produce short-lived, abundant forage in response to favorable climatic conditions. Ephemeral rangelands do not produce sufficient forage to allocate for livestock grazing on a sustained yield basis, yet may periodically produce forage suitable for livestock grazing for short periods of time. BLM can designate allotments or areas as ephemeral rangelands and manage them for ephemeral grazing use under the authority of the Ephemeral Range Special Rule applicable for the hot desert regions of Arizona, California, Nevada, and Utah. Source of these data is BLM's Rangeland Administration System.

Annual Grassland acres are the Mediterranean annual rangelands in California, which differ from perennial rangelands because annual plants dominate the vegetation production on a sustained basis. Source of these data is field office records.

Annual Invasive/Exotic acres are rangelands which have transitioned to species such as cheatgrass, medusahead, and red brome, and are dominated by these species to the extent that the rangelands no longer have the capacity to proceed successional to a higher seral status with grazing management alone or without substantial range improvement investment. Source of these data is field office records.

Acres in **Uncategorized** include: 1) acres categorized as Unclassified in Ecological Site Inventory; and 2) acres yet to be inventoried and cannot be categorized into any of the categories in this table.

STATE	Total Acres Available to be Inventoried	Rangeland Inventories						Uncategorized
		ESI acres	Seedings	Ephemeral	Annual Grassland	Annual Invasive/Exotic		
ARIZONA	11,419,281	6,634,429	2,948	2,151,290	0	0	2,630,614	
CALIFORNIA	7,013,801	1,238,119	7,744	1,178,721	276,222	232,363	4,080,632	
COLORADO	7,873,246	4,726,869	91,266	0	0	58,182	2,996,929	
IDAHO	11,502,095	8,524,710	1,427,191	0	0	348,416	1,201,778	
MONTANA/DAKOTAS	8,351,628	6,467,155	113,842	0	0	0	1,770,631	
NEVADA	43,561,188	19,489,988	794,429	351,490	0	0	22,925,281	
NEW MEXICO	12,821,207	9,526,649	0	0	0	0	3,294,558	
OREGON/WASHINGTON	13,682,353	7,828,023	954,131	0	0	0	4,900,199	
UTAH	21,558,199	13,600,361	1,280,726	0	0	45,742	6,631,370	
WYOMING	17,391,978	10,405,853	352	0	0	0	6,985,773	
BLM TOTAL	155,174,976	88,442,156	4,672,629	3,681,501	276,222	684,703	57,417,765	

RIME Table 2 (cont)

Part B - Ecological Site Inventory Seral Status. Source of all table 2-B data is field office records.

Definitions

Total ESI or SVIM acres - These data are the same as what is reported for "Total Acres Inventoried Using the ESI Method or SVIM" in Table 1.

Potential Natural Community represents plant species present on ecological sites which are between 76 and 100% similar to the potential natural community or the historic climax plant community for an ecological site.

Late Seral represents plant species present on ecological sites which are between 51 and 75% similar to the potential natural community or the historic climax plant community on an ecological site.

Mid Seral represents plant species present on ecological sites which are between 26 and 50% similar to the potential natural community or the historic climax plant community for an ecological site.

Early Seral represents plant species present on ecological sites which are between 0 and 25% similar to the potential natural community or the historic climax plant community on an ecological site.

STATE	Total ESI or SVIM acres	Ecological Site Inventory Seral Status			
		Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	6,634,429	531,665	2,856,814	2,554,388	691,562
CALIFORNIA	1,238,119	39,079	260,892	550,923	387,225
COLORADO	4,726,869	421,735	1,390,902	1,719,174	1,195,058
IDAHO	8,524,710	197,080	2,081,024	3,509,256	2,737,350
MONTANA/DAKOTAS	6,467,155	570,692	4,253,657	1,557,573	85,233
NEVADA	19,489,988	914,400	7,230,231	8,807,721	2,537,636
NEW MEXICO	9,526,649	547,573	2,490,048	3,685,082	2,803,946
OREGON/WASHINGTON	7,828,023	100,274	2,249,770	4,547,934	930,045
UTAH	13,600,361	1,618,631	4,181,744	6,054,653	1,745,333
WYOMING	10,405,853	2,809,820	3,953,882	3,083,583	558,568
BLM TOTAL	88,442,156	7,750,949	30,948,964	36,070,287	13,671,956

**PUBLIC LAND STATISTICS TABLE 2-1
PERCENT OF ACRES IN ECOLOGICAL STATUS BY STATE**

Definitions

PERCENT OF ACRES IN ECOLOGICAL STATUS BY STATE table is expressed in degree of similarity of present vegetation to the potential natural, or historic climax, plant community: Potential Natural Community = 76-100% similar, Late Seral = 51-75% similar, Mid Seral = 26-50% similar, Early Seral = 0-25% similar. Ecological status is used to report condition of rangelands to satisfy the condition reporting requirement for rangelands in the Public Rangelands Improvement Act of 1978.

STATE	Percent Acres Inventoried	PERCENT IN ECOLOGICAL STATUS BY STATE			
		Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	58%	8%	43%	39%	10%
CALIFORNIA	18%	3%	21%	44%	31%
COLORADO	60%	9%	29%	36%	25%
IDAHO	74%	2%	24%	41%	32%
MONTANA/DAKOTAS	77%	9%	66%	24%	1%
NEVADA	45%	5%	37%	45%	13%
NEW MEXICO	74%	6%	26%	39%	29%
OREGON/WASHINGTON	57%	1%	29%	58%	12%
UTAH	63%	12%	31%	45%	13%
WYOMING	60%	27%	38%	30%	5%
BLM TOTAL	57%	9%	35%	41%	15%

RIME TABLE 3

Cumulative Monitored Rangeland Trend

Definitions

Cumulative Monitored Rangeland Trend - 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 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.

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.

Total Federal Acres are the BLM acres which lie within grazing allotments

STATE	Total Federal acres	Cumulative Monitored Rangeland Trend			
		Up	Static	Down	Undetermined
ARIZONA	11,419,281	1,624,456	3,565,801	446,911	5,782,113
CALIFORNIA	7,013,801	505,660	126,188	61,119	6,320,834
COLORADO	7,873,246	1,264,535	2,803,452	426,824	3,378,435
IDAHO	11,502,095	1,750,089	5,705,287	1,001,039	3,045,680
MONTANA/DAKOTAS	8,351,628	1,420,461	2,530,643	389,008	4,011,516
NEVADA	43,561,188	2,864,525	13,664,080	7,049,181	19,983,402
NEW MEXICO	12,821,207	1,866,630	3,933,499	481,426	6,539,652
OREGON/WASHINGTON	13,682,353	2,095,244	7,234,629	1,739,554	2,612,926
UTAH	21,558,199	6,255,317	11,261,687	2,816,704	1,224,491
WYOMING	17,391,978	2,983,484	6,491,513	1,792,809	6,124,172
BLM TOTAL	155,174,976	22,630,401	57,316,779	16,204,575	59,023,221

RIME TABLE 4

Allotment Categorization

Definitions

Allotment Categorization - 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. **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.

Allotment Categorization

STATE	Total Allotments	Total Acres	Category I Allotments	Category I Acres	Category M Allotments	Category M Acres	Category C Allotments	Category C Acres	Uncategorized Allotments	Uncategorized Acres
ARIZONA	822	11,419,281	203	5,082,069	183	3,507,929	433	2,709,909	3	119,374
CALIFORNIA	664	7,013,801	159	3,826,858	175	2,348,982	327	835,989	3	1,972
COLORADO	2,420	7,873,246	623	5,593,521	389	1,120,299	1,405	1,158,906	3	520
IDAHO	2,155	11,502,095	782	8,112,775	616	2,865,418	751	516,685	6	7,217
MONTANA/DAKOTAS	5,240	8,351,628	748	2,929,540	1,742	4,435,359	2,746	958,242	4	28,487
NEVADA	804	43,561,188	268	28,504,099	266	9,023,507	236	4,899,068	34	1,134,514
NEW MEXICO	2,258	12,821,207	604	7,089,969	843	4,387,138	809	1,336,922	2	7,178
OREGON/WASHINGTON	2,030	13,682,353	478	8,544,163	405	4,283,568	1,143	753,475	4	101,147
UTAH	1,389	21,558,199	452	12,356,176	414	7,033,393	513	2,036,399	10	132,231
WYOMING	3,538	17,391,978	838	10,680,293	801	4,970,385	1,892	1,726,467	7	14,833
BLM TOTAL	21,320	155,174,976	5,155	92,719,463	5,834	43,975,978	10,255	16,932,062	76	1,547,473

RIME TABLE 5

Monitoring of Grazing Allotments

Definitions

Monitoring Studies Established - The cumulative 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.

Monitoring Data Collected - 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.

Monitoring Data Evaluated - 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.

Issued Decisions - 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.

Monitoring of Grazing Allotments

STATE	Monitoring Studies Established Allotments	Monitoring Studies Established Acres	Monitoring Data Collected Allotments	Monitoring Data Collected Acres	Monitoring Data Evaluated Allotments	Monitoring Data Evaluated Acres	Issued Decisions Allotments	Issued Decisions Acres
ARIZONA	710	8,822,781	177	2,103,502	80	1,347,620	10	259,423
CALIFORNIA	245	2,526,265	92	1,666,216	58	418,383	44	317,683
COLORADO	1,336	6,936,708	118	1,604,247	55	274,026	151	462,448
IDAHO	1,005	10,017,942	421	5,643,830	143	1,244,190	87	338,701
MONTANA/DAKOTAS	2,610	6,341,227	469	1,263,948	475	1,547,665	606	1,370,167
NEVADA	692	43,343,722	318	27,272,920	70	6,697,274	9	241,752
NEW MEXICO	1,519	10,937,114	305	2,663,681	150	1,273,500	194	1,005,782
OREGON/WASHINGTON	1,161	13,407,481	246	5,844,291	53	922,961	42	807,700
UTAH	1,312	20,653,394	274	7,407,752	63	985,110	75	867,470
WYOMING	2,066	16,991,428	579	9,138,071	212	2,101,865	138	1,751,596
BLM TOTAL	12,656	139,978,062	2,999	64,608,458	1,359	16,812,594	1,356	7,422,722

RIME TABLE 6

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

Definitions

Allotment Management Plan or AMP - The development of an Allotment Management Plan or its equivalent for a grazing allotment is discretionary (43 Code of Federal Regulation 41.20.2). 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.

Total Allotments and Acres - 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.

Allotments or Acres with AMP or Equivalent - 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.

Allotments or Acres without AMP or Equivalent - 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.

Allotment Management Plans (AMP) or Other Applicable Activity Plans

STATE	Total Allotments	Total Acres	Allotments With AMP or Equivalent	Acres With AMP or Equivalent	Allotments Without AMP or Equivalent	Acres Without AMP or Equivalent
ARIZONA	822	11,419,281	280	5,238,207	542	6,181,074
CALIFORNIA	664	7,013,801	197	5,475,267	467	1,538,534
COLORADO	2,420	7,873,246	600	4,859,476	1,820	3,013,770
IDAHO	2,155	11,502,095	371	5,228,258	1,784	6,273,837
MONTANA/DAKOTAS	5,240	8,351,628	1,088	4,244,802	4,152	4,106,826
NEVADA	804	43,561,188	363	27,386,259	441	16,174,929
NEW MEXICO	2,258	12,821,207	353	4,673,081	1,905	8,148,126
OREGON/WASHINGTON	2,030	13,682,353	378	7,801,271	1,652	5,881,082
UTAH	1,389	21,558,199	509	10,343,603	880	11,214,596
WYOMING	3,538	17,391,978	512	8,114,550	3,026	9,277,428
BLM TOTAL	21,320	155,174,976	4,651	83,364,774	16,669	71,810,202

RIME Table 7

Standards for Rangeland Health - Source of all table data is field office records.

Definitions

Standards for Rangeland Health - 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 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.

Current Year Accomplishments Part A - 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.

Cumulative Accomplishments Part B - 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.

Category A - 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.

Category B - 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.

Category 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 not yet been taken to change livestock grazing to ensure that significant progress toward meeting land health standards will occur.

Category 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 is not the cause of the non-achievement.

Category E Part A - The number of allotments, and their BLM acreage, which were assessed for achievement of land health standards in the current reporting year.

Category E Part B - 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).

Category F Part B - The number of allotments, and their BLM acreage, which have not yet been assessed for achievement of land health standards.

Category G Part B - The total number of allotments, and the BLM acreage existing within these allotments, for the BLM.

Part A - Current Year Accomplishments

STATE	Allotments - Category A	Acres - Category A	Allotments - Category B	Acres - Category B	Allotments - Category C	Acres - Category C	Allotments - Category D	Acres - Category D	Allotments - Category E	Acres - Category E
ARIZONA	9	54,361	1	7,933	0	0	1	15,210	11	77,504
CALIFORNIA	14	25,531	0	0	0	0	2	9,709	16	35,240
COLORADO	14	6,050	1	10,200	0	0	2	1,479	17	17,729
IDAHO	8	45,405	0	0	0	0	1	643	9	46,048
MONTANA/DAKOTAS	134	346,049	18	75,799	2	1,110	5	7,420	159	430,378
NEVADA	0	0	4	129,192	0	0	2	3,773	6	132,965
NEW MEXICO	74	427,955	0	0	0	0	0	0	74	427,955
OREGON/WASHINGTON	16	247,744	2	6,643	4	5,711	1	5,839	23	265,937
UTAH	34	206,204	4	42,034	0	0	0	0	38	248,238
WYOMING	57	273,485	7	189,179	1	7,026	11	188,531	76	658,221
BLM TOTAL	360	1,632,784	37	460,980	7	13,847	25	232,604	429	2,340,215

Part B - Cumulative Accomplishments

STATE	Allotments - Category A	Acres - Category A	Allotments - Category B	Acres - Category B	Allotments - Category C	Acres - Category C	Allotments - Category D	Acres - Category D	Allotments - Category E	Acres - Category E	Allotments - Category F	Acres - Category F	Allotments - Category G	Acres - Category G
ARIZONA	515	5,477,182	10	259,647	5	244,621	3	64,813	533	6,046,263	289	5,372,664	822	11,418,927
CALIFORNIA	296	2,134,696	50	1,585,888	6	25,542	61	228,109	413	3,974,235	252	2,776,412	665	6,750,647
COLORADO	1,334	3,488,238	129	1,128,850	1	2,655	221	1,330,887	1,685	5,950,630	648	1,860,921	2,333	7,811,551
IDAHO	762	2,183,184	289	3,806,128	48	561,044	222	1,038,184	1,321	7,588,540	834	3,911,053	2,155	11,499,593
MONTANA/DAKOTAS	4,115	6,112,720	475	1,124,430	11	16,540	176	286,578	4,777	7,540,268	479	632,813	5,256	8,173,081
NEVADA	95	3,546,069	87	9,916,154	13	746,452	93	4,130,844	286	18,339,519	501	24,989,741	789	43,329,260
NEW MEXICO	1,406	6,828,920	18	106,382	4	12,873	12	49,203	1,440	6,997,378	821	5,779,970	2,261	12,777,348
OREGON/WASHINGTON	745	5,287,805	206	2,164,259	31	73,407	134	954,485	1,116	8,479,956	911	5,205,074	2,027	13,686,030
UTAH	818	10,531,594	118	1,949,856	24	1,019,987	55	1,436,637	1,015	14,938,074	377	6,648,652	1,392	21,586,726
WYOMING	1,207	6,845,273	234	3,782,905	35	459,819	228	1,836,953	1,704	12,924,950	1,837	4,468,383	3,541	17,393,333
BLM TOTAL	11,293	52,435,681	1,616	25,824,499	178	3,162,940	1,205	11,356,693	14,292	92,779,813	6,949	61,645,683	21,241	154,425,496