



Fiscal Year 2015
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	0	6,634,429
CALIFORNIA	0	1,238,119
COLORADO	0	4,688,084
IDAHO	0	8,524,710
MONTANA/DAKOTAS	0	6,467,155
NEVADA	0	19,489,988
NEW MEXICO	0	9,464,032
OREGON/WASHINGTON	2,817,543	10,645,566
UTAH	10,500	13,600,361
WYOMING	0	10,017,060
BLM TOTAL	2,828,043	90,769,504

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	11,418,927	6,634,429	2,948	2,107,613	0	0	2,673,937	
CALIFORNIA	6,750,647	1,238,119	7,217	1,120,271	276,222	278,363	3,830,455	
COLORADO	7,828,914	4,688,084	130,961	0	0	58,182	2,951,687	
IDAHO	11,503,959	8,524,710	1,455,562	0	0	348,416	1,175,271	
MONTANA/DAKOTAS	8,345,743	6,467,155	113,842	0	0	0	1,764,746	
NEVADA	43,461,301	19,489,988	794,429	351,490	0	0	22,825,394	
NEW MEXICO	12,802,391	9,464,032	0	0	0	100	3,338,259	
OREGON/WASHINGTON	13,683,349	10,645,566	1,223,322	0	0	0	1,814,461	
UTAH	21,586,806	13,600,361	1,280,726	0	0	45,742	6,659,977	
WYOMING	17,399,585	10,017,060	219	0	0	0	7,382,306	
BLM TOTAL	154,781,622	90,769,504	5,009,226	3,579,374	276,222	730,803	54,416,493	

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	4,688,084	421,735	1,390,902	1,719,174	1,156,273
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	9,464,032	493,621	2,465,170	3,602,344	2,902,897
OREGON/WASHINGTON	10,645,566	257,427	3,688,953	5,711,744	987,442
UTAH	13,600,361	1,618,631	4,181,744	6,054,653	1,745,333
WYOMING	10,017,060	2,788,381	3,648,809	3,021,302	558,568
BLM TOTAL	90,769,504	7,832,711	32,058,196	37,089,078	13,789,519

**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%	30%	37%	25%
IDAHO	74%	2%	24%	41%	32%
MONTANA/DAKOTAS	77%	9%	66%	24%	1%
NEVADA	45%	5%	37%	45%	13%
NEW MEXICO	74%	5%	26%	38%	31%
OREGON/WASHINGTON	78%	2%	35%	54%	9%
UTAH	63%	12%	31%	45%	13%
WYOMING	58%	28%	36%	30%	6%
BLM TOTAL	59%	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	11,418,927	1,706,805	2,964,413	401,331	6,346,378
CALIFORNIA	6,750,647	785,035	441,653	94,956	5,429,003
COLORADO	7,828,914	1,109,660	2,814,179	353,486	3,551,589
IDAHO	11,503,959	1,750,089	5,705,287	1,001,039	3,047,544
MONTANA/DAKOTAS	8,345,743	1,444,970	2,554,735	385,388	3,960,650
NEVADA	43,461,301	2,864,525	13,664,080	7,049,181	19,883,515
NEW MEXICO	12,802,391	1,938,711	3,853,415	434,259	6,576,006
OREGON/WASHINGTON	13,683,349	2,135,435	7,241,444	1,757,396	2,549,074
UTAH	21,586,806	6,283,951	11,250,017	2,816,704	1,236,134
WYOMING	17,399,585	2,995,425	6,509,465	1,792,742	6,101,953
BLM TOTAL	154,781,622	23,014,606	56,998,688	16,086,482	58,681,846

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	11,418,927	203	5,082,069	183	3,507,929	433	2,709,555	3	119,374
CALIFORNIA	665	6,750,647	162	3,836,216	173	2,085,834	327	826,625	3	1,972
COLORADO	2,363	7,828,914	624	5,589,264	387	1,140,333	1,349	1,098,797	3	520
IDAHO	2,154	11,503,959	782	8,116,393	616	2,875,945	750	504,404	6	7,217
MONTANA/DAKOTAS	5,254	8,345,743	744	2,902,467	1,747	4,452,715	2,759	962,074	4	28,487
NEVADA	800	43,461,301	267	28,469,908	266	9,023,507	234	4,888,520	33	1,079,366
NEW MEXICO	2,260	12,802,391	606	7,096,911	841	4,371,673	811	1,326,629	2	7,178
OREGON/WASHINGTON	2,030	13,683,349	468	8,523,655	409	4,290,453	1,149	768,094	4	101,147
UTAH	1,392	21,586,806	451	12,358,987	413	6,975,061	515	2,038,349	13	214,409
WYOMING	3,538	17,399,585	836	10,667,707	803	4,975,800	1,892	1,741,245	7	14,833
BLM TOTAL	21,278	154,781,622	5,143	92,643,577	5,838	43,699,250	10,219	16,864,292	78	1,574,503

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	712	8,836,836	158	1,962,297	30	296,745	23	366,355
CALIFORNIA	311	5,448,720	121	3,985,309	65	991,594	46	277,029
COLORADO	1,418	7,082,754	147	1,506,023	59	615,912	133	421,765
IDAHO	1,005	10,017,942	420	5,326,563	62	593,681	5	252,543
MONTANA/DAKOTAS	2,619	6,375,425	371	1,283,440	437	1,035,388	353	784,615
NEVADA	692	43,343,722	318	27,272,920	70	6,697,274	19	1,984,979
NEW MEXICO	1,519	10,874,498	206	2,584,946	103	905,786	69	393,003
OREGON/WASHINGTON	1,181	12,831,922	203	7,049,544	24	463,594	28	433,564
UTAH	1,312	20,653,394	255	6,581,157	49	1,319,403	74	1,011,839
WYOMING	1,974	15,368,762	530	9,451,505	169	1,740,061	122	806,779
BLM TOTAL	12,743	140,833,975	2,729	67,003,704	1,068	14,659,438	872	6,732,471

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 Regulations 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	11,418,927	281	5,252,743	541	6,166,184
CALIFORNIA	665	6,750,647	196	5,239,577	469	1,511,070
COLORADO	2,363	7,828,914	633	4,931,886	1,730	2,897,028
IDAHO	2,154	11,503,959	376	5,251,673	1,778	6,252,286
MONTANA/DAKOTAS	5,254	8,345,743	1,086	4,208,665	4,168	4,137,078
NEVADA	800	43,461,301	369	27,604,218	431	15,857,083
NEW MEXICO	2,260	12,802,391	352	4,583,936	1,908	8,218,455
OREGON/WASHINGTON	2,030	13,683,349	381	7,811,737	1,649	5,871,612
UTAH	1,392	21,586,806	511	10,442,818	881	11,143,988
WYOMING	3,538	17,399,585	513	8,143,982	3,025	9,255,603
BLM TOTAL	21,278	154,781,622	4,698	83,471,235	16,580	71,310,387

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	7	134,489	2	16,220	0	0	3	17,364	12	168,073
CALIFORNIA	13	34,560	1	982	0	0	0	0	14	35,542
COLORADO	13	71,923	10	74,161	0	0	4	20,671	27	166,755
IDAHO	16	190,085	2	10,639	0	0	0	0	18	200,724
MONTANA/DAKOTAS	97	164,606	11	23,961	0	0	4	1,620	112	190,187
NEVADA	0	0	2	26,251	0	0	0	0	2	26,251
NEW MEXICO	59	613,160	0	0	0	0	0	0	59	613,160
OREGON/WASHINGTON	26	777,561	2	781	0	0	0	0	28	778,342
UTAH	22	153,469	2	58,856	0	0	3	13,073	27	225,398
WYOMING	27	69,218	1	31,196	1	1,550	19	170,360	48	272,324
BLM TOTAL	280	2,209,071	33	243,047	1	1,550	33	223,088	347	2,676,756

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	5,611,671	10	275,867	5	244,621	6	82,177	536	6,214,336	286	5,204,591	822	11,418,927
CALIFORNIA	306	2,161,821	52	1,586,870	6	25,542	63	240,574	427	4,014,807	238	2,736,380	665	6,751,187
COLORADO	1,347	3,560,161	140	1,204,125	1	2,655	226	1,352,672	1,714	6,119,613	619	1,691,938	2,333	7,811,551
IDAHO	777	2,373,269	291	3,816,767	48	561,044	222	1,038,184	1,338	7,789,264	817	3,710,329	2,155	11,499,593
MONTANA/DAKOTAS	4,212	6,277,326	483	1,147,946	11	15,430	160	288,203	4,886	7,726,905	370	444,176	5,256	8,173,081
NEVADA	95	3,546,069	87	9,916,154	13	746,452	93	4,130,844	288	18,339,519	501	24,989,741	789	43,329,260
NEW MEXICO	1,432	7,027,769	18	106,382	4	12,873	12	49,203	1,466	7,196,227	795	5,581,121	2,261	12,777,348
OREGON/WASHINGTON	770	6,064,446	197	2,155,793	31	73,407	147	966,081	1,145	9,259,727	882	4,425,303	2,027	13,686,030
UTAH	841	11,013,096	120	2,008,712	24	1,019,987	58	1,449,710	1,043	15,491,505	349	6,095,221	1,392	21,586,726
WYOMING	1,232	6,910,674	235	3,814,101	35	459,819	242	2,002,858	1,744	13,187,452	1,797	4,205,881	3,541	17,393,333
BLM TOTAL	11,527	54,546,302	1,633	26,032,717	178	3,161,830	1,249	11,600,506	14,587	95,341,355	6,654	59,084,681	21,241	154,426,036