



Fiscal Year 2013  
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	47,775	4,726,869
IDAHO	0	8,516,797
MONTANA/DAKOTAS	0	6,467,235
NEVADA	0	19,489,988
NEW MEXICO	0	9,505,641
OREGON/WASHINGTON	0	7,828,699
UTAH	10,560	13,585,152
WYOMING	0	10,405,853
BLM TOTAL	58,335	88,398,782

## 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					
		ESI acres	Seedings	Ephemeral	Annual Grassland	Annual Invasive/Exotic	Uncategorized
ARIZONA	11,419,276	6,634,429	2,948	2,152,679	0	0	2,629,220
CALIFORNIA	7,097,447	1,238,119	79,677	1,178,721	231,592	96,024	4,273,314
COLORADO	7,878,025	4,726,869	135,809	0	0	56,455	2,958,892
IDAHO	11,499,840	8,516,797	1,364,874	0	0	348,416	1,269,753
MONTANA/DAKOTAS	8,185,277	6,467,235	86,256	0	0	0	1,631,786
NEVADA	43,375,907	19,489,988	794,429	351,490	0	0	22,740,000
NEW MEXICO	12,823,873	9,505,641	0	0	0	0	3,318,232
OREGON/WASHINGTON	13,678,156	7,828,699	954,131	0	0	0	4,895,326
UTAH	21,552,523	13,585,152	1,252,649	0	0	45,442	6,669,280
WYOMING	17,476,260	10,405,853	152	0	0	0	7,070,255
BLM TOTAL	154,986,584	88,398,782	4,670,925	3,682,890	231,592	546,337	57,456,058

## 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	8,516,797	197,080	2,200,340	3,467,602	2,651,775
MONTANA/DAKOTAS	6,467,235	570,692	4,253,654	1,557,573	85,316
NEVADA	19,489,988	914,400	7,230,231	8,807,721	2,537,636
NEW MEXICO	9,505,641	523,232	2,535,953	3,642,510	2,803,946
OREGON/WASHINGTON	7,828,699	102,023	2,247,662	4,548,159	930,855
UTAH	13,585,152	1,618,631	4,181,394	6,041,970	1,743,157
WYOMING	10,405,853	2,809,820	3,953,882	3,083,583	558,568
BLM TOTAL	88,398,782	7,728,357	31,111,724	35,973,603	13,585,098

**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	17%	3%	21%	44%	31%
COLORADO	60%	9%	29%	36%	25%
IDAHO	74%	2%	26%	41%	31%
MONTANA/DAKOTAS	79%	9%	66%	24%	1%
NEVADA	45%	5%	37%	45%	13%
NEW MEXICO	74%	6%	27%	38%	29%
OREGON/WASHINGTON	57%	1%	29%	58%	12%
UTAH	63%	12%	31%	44%	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	11,419,276	1,572,914	3,451,445	531,036	5,863,881
CALIFORNIA	7,097,447	505,660	126,188	61,119	6,404,480
COLORADO	7,878,025	1,252,133	2,540,635	431,932	3,653,325
IDAHO	11,499,840	2,186,273	5,529,637	1,125,781	2,658,149
MONTANA/DAKOTAS	8,185,277	1,368,178	2,448,009	397,292	3,971,798
NEVADA	43,375,907	2,864,525	13,664,080	7,049,181	19,798,121
NEW MEXICO	12,823,873	1,803,575	4,058,102	398,870	6,563,326
OREGON/WASHINGTON	13,678,156	2,100,168	7,231,473	1,749,091	2,597,424
UTAH	21,552,523	6,255,317	11,261,687	2,816,704	1,218,815
WYOMING	17,476,260	2,878,533	6,594,857	1,792,838	6,210,032
BLM TOTAL	154,986,584	22,787,276	56,906,113	16,353,844	58,939,351

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	11,419,276	203	5,082,069	185	3,578,126	433	2,709,904	1	49,177
CALIFORNIA	678	7,097,447	162	3,840,447	182	2,385,563	333	871,117	1	320
COLORADO	2,422	7,878,025	622	5,591,913	388	1,121,293	1,409	1,164,299	3	520
IDAHO	2,169	11,499,840	786	8,117,329	618	2,863,128	759	517,966	6	1,417
MONTANA/DAKOTAS	5,238	8,185,277	749	2,934,718	1,743	4,270,603	2,742	951,469	4	28,487
NEVADA	799	43,375,907	268	28,495,354	266	9,023,518	230	4,722,521	35	1,134,514
NEW MEXICO	2,275	12,823,873	612	7,080,795	843	4,387,013	818	1,348,887	2	7,178
OREGON/WASHINGTON	2,029	13,678,156	476	8,525,386	406	4,298,956	1,143	752,667	4	101,147
UTAH	1,389	21,552,523	455	12,370,735	413	7,016,184	511	2,033,373	10	132,231
WYOMING	3,536	17,476,260	838	10,756,115	800	4,969,778	1,892	1,735,534	6	14,833
BLM TOTAL	21,357	154,986,584	5,171	92,794,861	5,844	43,914,162	10,270	16,807,737	72	1,469,824

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	683	8,720,587	165	1,898,667	84	1,134,957	8	28,180
CALIFORNIA	349	6,217,116	128	3,391,751	60	861,148	24	709,452
COLORADO	1,308	6,874,079	136	1,733,889	39	312,813	119	336,208
IDAHO	1,000	10,071,880	412	5,706,505	46	695,601	33	699,765
MONTANA/DAKOTAS	2,564	5,370,388	406	1,300,673	301	858,998	451	786,768
NEVADA	692	43,343,722	201	14,962,977	42	1,586,035	14	1,086,318
NEW MEXICO	1,506	10,862,959	260	2,847,489	222	1,565,063	128	756,601
OREGON/WASHINGTON	1,174	12,709,388	156	2,385,475	24	236,429	31	940,318
UTAH	1,312	20,653,394	341	8,138,434	77	1,019,892	100	731,662
WYOMING	2,063	16,997,947	539	8,327,523	131	2,353,699	139	882,548
BLM TOTAL	12,651	141,821,460	2,744	50,693,383	1,026	10,624,635	1,047	6,957,820



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	11,419,276	279	5,211,829	543	6,207,447
CALIFORNIA	678	7,097,447	203	5,536,660	475	1,560,787
COLORADO	2,422	7,878,025	588	4,778,726	1,834	3,099,299
IDAHO	2,169	11,499,840	370	5,225,126	1,799	6,274,714
MONTANA/DAKOTAS	5,238	8,185,277	1,081	4,206,441	4,157	3,978,836
NEVADA	799	43,375,907	348	26,819,485	451	16,556,422
NEW MEXICO	2,275	12,823,873	352	4,667,659	1,923	8,156,214
OREGON/WASHINGTON	2,029	13,678,156	367	7,709,358	1,662	5,968,798
UTAH	1,389	21,552,523	504	10,301,774	885	11,250,749
WYOMING	3,536	17,476,260	508	8,152,333	3,028	9,323,927
BLM TOTAL	21,357	154,986,584	4,600	82,609,391	16,757	72,377,193

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	19	462,113	1	3,250	0	0	0	0	20	465,363
CALIFORNIA	6	10,619	1	44,480	1	100	3	5,247	11	60,446
COLORADO	21	45,024	2	2,636	0	0	2	2,158	25	49,818
IDAHO	23	135,662	14	23,833	11	60,008	4	1,613	52	221,116
MONTANA/DAKOTAS	149	224,041	32	118,913	0	0	7	5,194	188	348,148
NEVADA	8	145,134	1	2,979	0	0	2	122,400	11	270,513
NEW MEXICO	168	1,110,157	0	0	0	0	2	19,292	170	1,129,449
OREGON/WASHINGTON	10	182,396	1	3,820	0	0	2	11,471	13	197,687
UTAH	24	432,441	0	0	0	0	0	0	24	432,441
WYOMING	57	907,518	14	697,716	1	28,975	18	554,156	90	2,188,365
BLM TOTAL	485	3,655,105	66	897,627	13	89,083	40	721,531	604	5,363,346

**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	482	5,422,821	7	251,714	2	242,023	1	30,823	492	5,947,381	330	5,471,895	822	11,419,276
CALIFORNIA	273	2,060,158	52	1,585,888	6	25,542	67	173,919	398	3,845,507	280	3,252,300	678	7,097,807
COLORADO	1,321	3,482,754	128	1,118,650	1	2,655	219	1,329,408	1,669	5,933,467	753	1,944,558	2,422	7,878,025
IDAHO	755	2,167,113	289	3,806,128	49	591,418	222	1,067,915	1,315	7,632,574	853	3,867,266	2,168	11,499,840
MONTANA/DAKOTAS	3,982	5,766,671	457	1,048,191	9	15,430	171	279,158	4,619	7,109,450	620	1,079,701	5,239	8,189,151
NEVADA	95	3,546,069	83	9,786,982	13	746,452	91	4,127,071	282	18,206,554	517	25,169,303	799	43,375,857
NEW MEXICO	1,332	6,400,965	18	106,382	4	12,873	12	48,203	1,366	6,569,423	909	6,254,450	2,275	12,823,873
OREGON/WASHINGTON	745	5,262,960	168	2,096,728	31	73,407	136	983,522	1,080	8,396,617	949	5,281,539	2,029	13,678,156
UTAH	786	10,448,931	114	1,907,822	24	1,019,987	54	1,346,899	978	14,723,639	411	6,768,884	1,389	21,492,523
WYOMING	1,196	6,839,600	232	3,668,926	34	452,793	214	1,662,769	1,676	12,624,088	1,860	4,872,172	3,536	17,496,260
BLM TOTAL	10,967	51,398,042	1,548	25,377,391	173	3,182,580	1,187	11,030,687	13,875	90,988,700	7,482	63,962,068	21,357	154,950,768