



Fiscal Year 2009
Rangeland Inventory, Monitoring, and Evaluation Report

TABLE 1

Ecological Site Inventory

STATE	Acres Inventoried This Fiscal Year using the Ecological Site Inventory (ESI) /a/	Total Acres Inventoried to Date Using the Ecological Site Inventory (ESI) Method or Soil Vegetation Inventory Method (SVIM) /b/
ARIZONA	61,673	6,245,881
CALIFORNIA	0	1,242,638
COLORADO	251,229	3,615,225
IDAHO	0	8,536,473
MONTANA/DAKOTAS	190,342	6,135,225
NEVADA	0	17,616,786
NEW MEXICO	0	9,505,655
OREGON/WASHINGTON	0	7,814,528
UTAH	113,226	13,383,217
WYOMING	0	10,404,901
BLM TOTAL	616,470	84,500,529

/a/ Acres reported here 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).

/b/ Acres reported here only include acres categorized as to seral stage (Potential Natural Community, Late Seral, Mid Seral, and Early Seral).

The ESI or SVIM acres that were previously categorized as Unclassified, in reports previous to Fiscal Year 2004, are now included in a category of inventory called "Uncategorized", in Table 2A below.

TABLE 2

A. Rangeland Inventories

	Total Acres Available to be Inventoried	Ecological Site Inventory (ESI) /a/	Seedings /b/	Ephemeral /c/	Annual Grassland /d/	Annual Invasive/Exotic /e/	Uncategorized /f/
	ARIZONA	11,416,500	6,245,881	2,138	744,875	0	0
CALIFORNIA	8,112,577	1,242,638	65,325	401,499	539,186	138,863	5,725,066
COLORADO	7,856,511	3,615,225	244,733	0	0	0	3,996,553
IDAHO	11,572,657	8,536,473	1,673,925	0	0	348,328	1,013,931
MONTANA/DAKOTAS	8,187,762	6,135,225	126,741	0	0	0	1,925,796
NEVADA	43,822,962	17,616,786	794,429	0	0	0	25,411,747
NEW MEXICO	12,818,260	9,505,655	2,000	0	0	3,000	3,307,605
OREGON/WASHINGTON	13,576,652	7,814,528	952,558	0	0	0	4,809,566
UTAH	21,692,736	13,383,217	1,246,063	0	0	45,442	7,018,014
WYOMING	17,604,711	10,404,901	1,749	0	0	50	7,198,011
BLM TOTAL	156,661,328	84,500,529	5,109,661	1,146,374	539,186	535,683	64,829,895

/a/ Same as footnote /b/ in Table 1.

/b/ Acres reported here are for non-native or native seedings. It's important to keep reporting to the public how many acres of seedings we administer, because segments of the public are interested in this, but the public typically does not ask what the conditions of the seedings are. We are eliminating the reporting of Excellent, Good, Fair, and Poor for Seedings. We are eliminating the Nonnative Public Rangeland label for seedings because some seedings now and in the future could be native seedings.

/c/ Ephemeral rangelands 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.

/d/ Acres categorized as Annual Grassland primarily refer to the Mediterranean annual rangelands in California, which differ from perennial rangelands because they are primarily occupied by annual plants.

/e/ Acres categorized as Annual Invasive/Exotic primarily refer to rangelands which have transitioned to species such as cheatgrass, medusahead, and red brome, and are dominated by these species to the extent that they no longer have the capacity to proceed successional to a higher seral status with grazing management alone or without substantial range improvement investment.

/f/ Acres in Uncategorized include: 1) acres categorized as Unclassified in Ecological Site Inventory in reports previous to Fiscal Year 2004; 2) acres categorized as Professional Judgement in reports previous to Fiscal Year 2004; 3) acres categorized as Other in reports previous to Fiscal Year 2004; and 4) acres yet to be inventoried and cannot be categorized into any of the categories in this table.

B. Ecological Site Inventory

	Total ESI acres /a/	Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	6,245,881	531,665	2,614,631	2,412,970	686,615
CALIFORNIA	1,242,638	39,579	260,892	553,489	388,678
COLORADO	3,615,225	203,550	1,018,902	1,475,481	917,292
IDAHO	8,536,473	197,080	2,092,660	3,472,164	2,774,569
MONTANA/DAKOTAS	6,135,225	571,926	4,054,188	1,422,327	86,784
NEVADA	17,616,786	741,433	6,761,796	8,047,070	2,066,487
NEW MEXICO	9,505,655	380,350	2,307,283	4,018,319	2,799,703
OREGON/WASHINGTON	7,814,528	93,243	2,199,094	4,586,227	935,964
UTAH	13,383,217	1,600,821	4,105,576	5,960,654	1,716,166
WYOMING	10,404,901	2,809,820	3,953,670	3,083,602	557,809
BLM TOTAL	84,500,529	7,169,467	29,368,692	35,032,303	12,930,067

/a/ Same as footnote /b/ in Table 1.

Stewardship Report

Ecological Condition

Potential Natural Community	8.5%
Late Seral	34.8%
Mid Seral	41.5%
Early Seral	15.3%
TOTAL	100%

PUBLIC LAND STATISTICS TABLE 2-1

PERCENT OF ACRES IN ECOLOGICAL STATUS
BY STATE - FISCAL YEAR 2009

	PERCENT BY ECOLOGICAL STATUS /a/				
	Percent Acres Inventoried	Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	55%	9%	42%	39%	11%
CALIFORNIA	15%	3%	21%	45%	31%
COLORADO	46%	6%	28%	41%	25%
IDAHO	74%	2%	25%	41%	33%
MONTANA/DAKOTAS	75%	9%	66%	23%	1%
NEVADA	40%	4%	38%	46%	12%
NEW MEXICO	74%	4%	24%	42%	29%
OREGON/WASHINGTON	58%	1%	28%	59%	12%
UTAH	62%	12%	31%	45%	13%
WYOMING	59%	27%	38%	30%	5%
BLM TOTAL	54%	8%	35%	41%	15%

/a/ 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

TABLE 3

Cumulative Monitored Rangeland Trend

	Total Federal	Up	Static	Down	Undetermined
ARIZONA	11,417,500	2,093,992	3,586,793	691,837	5,044,878
CALIFORNIA	980,296	417,358	353,146	60,364	149,428
COLORADO	4,067,091	924,507	1,442,995	484,173	1,215,416
IDAHO	10,817,473	2,325,720	5,781,837	1,190,173	1,519,743
MONTANA/DAKOTAS	5,732,038	1,942,779	2,725,989	424,452	638,818
NEVADA	35,209,617	2,864,525	13,664,080	6,659,682	12,021,330
NEW MEXICO	12,838,882	1,265,815	4,236,486	569,728	6,766,853
OREGON/WASHINGTON	12,436,086	2,093,937	7,233,982	1,761,071	1,347,096
UTAH	22,352,595	6,922,096	11,547,637	2,750,906	1,131,956
WYOMING	15,434,164	2,901,891	7,300,255	1,883,214	3,348,804
BLM TOTAL	131,285,742	23,752,620	57,873,200	16,475,600	33,184,322

TABLE 4

Allotment Categorization

STATE	TOTAL		CATEGORY I		CATEGORY M		CATEGORY C		UNCATEGORIZED	
	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	822	11,416,500	202	4,991,531	146	3,407,763	473	2,968,029	1	49,177
CALIFORNIA	686	8,112,577	167	4,524,423	173	2,445,810	346	1,142,344	0	0
COLORADO	2,406	7,856,511	696	5,868,681	310	809,364	1,396	1,176,911	4	1,555
IDAHO	2,190	11,572,657	803	8,189,929	617	2,888,773	767	492,658	3	1,297
MONTANA/DAKOTAS	5,211	8,187,762	830	3,518,969	1,666	3,616,408	2,712	1,023,969	3	28,416
NEVADA	792	43,822,962	274	28,440,275	269	9,133,807	239	6,087,786	10	161,094
NEW MEXICO	2,291	12,818,260	609	7,111,646	854	4,395,048	828	1,311,566	0	0
OREGON/WASHINGTON	2,042	13,576,652	475	8,519,413	395	4,288,552	1,170	768,599	2	88
UTAH	1,413	21,692,736	625	13,160,837	333	6,798,944	445	1,595,900	10	137,055
WYOMING	3,526	17,604,711	845	11,474,468	804	4,427,144	1,874	1,689,022	3	14,077
BLM TOTAL	21,379	156,661,328	5,526	95,800,172	5,567	42,211,613	10,250	18,256,784	36	392,759

Note: 1) Allotments are categorized as I, M, or C during resource management planning. 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".

Source: Appendix 1 in BLM Manual 1622--Supplemental Program Guidance for Renewable Resources

2) 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: Appendix 1 in BLM Manual 1622--Supplemental Program Guidance for Renewable Resources).

TABLE 5

Monitoring of Grazing Allotments

STATE	Cumulative Number of Allotments in which Monitoring Studies have been Established /a/		Allotments in which Monitoring Data were Collected During the Reporting Year		Allotments in which Monitoring Data were Evaluated During the Reporting Year		Allotments in which Decisions were Issued During the Reporting Year	
	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	606	9,131,521	123	3,537,733	64	813,437	12	444,165
CALIFORNIA	347	6,546,641	142	3,291,286	70	1,837,245	39	890,003
COLORADO	1,223	7,005,477	320	2,278,755	178	1,354,592	399	1,327,079
IDAHO	1,015	9,932,056	437	5,662,433	217	795,010	68	622,538
MONTANA/DAKOTAS	2,501	6,106,269	447	1,633,169	209	449,496	1,100	1,169,355
NEVADA	692	43,484,771	236	16,719,147	58	2,986,167	54	2,280,126
NEW MEXICO	1,415	10,977,935	122	1,854,723	76	537,235	59	406,313
OREGON/WASHINGTON	1,399	13,863,684	366	6,957,771	37	335,081	98	179,304
UTAH	1,317	20,617,472	384	9,449,337	216	2,799,929	132	1,498,702
WYOMING	1,812	15,895,179	468	8,640,549	92	1,595,565	163	696,025
BLM TOTAL	12,327	143,561,005	3,045	60,024,903	1,217	13,503,757	2,124	9,513,610

/a/ Known as Total Established Monitoring Studies, in reports previous to Fiscal Year 2004.

TABLE 6

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

Number of Allotments and their Acreage, With and Without Allotment Management Plans or their Equivalent

STATE	TOTAL		With AMP or Equivalent		Without AMP or Equivalent	
	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	822	11,416,500	281	5,337,819	541	6,078,681
CALIFORNIA	686	8,112,577	208	6,176,609	478	1,935,968
COLORADO	2,406	7,856,511	520	4,512,831	1,886	3,343,680
IDAHO	2,190	11,572,657	360	5,152,520	1,830	6,420,137
MONTANA/DAKOTAS	5,211	8,187,762	996	4,150,706	4,215	4,037,056
NEVADA	792	43,822,962	271	24,501,834	521	19,321,128
NEW MEXICO	2,291	12,818,260	355	4,675,040	1,936	8,143,220
OREGON/WASHINGTON	2,042	13,576,652	344	7,580,837	1,698	5,995,815
UTAH	1,413	21,692,736	396	10,499,841	1,017	11,192,895
WYOMING	3,526	17,604,711	463	7,635,025	3,063	9,969,686
BLM TOTAL	21,379	156,661,328	4,194	80,223,062	17,185	76,438,266

Note: The development of an Allotment Management Plan or its equivalent for a grazing allotment is discretionary (43 CFR §4120.2).

Grazing allotments without Allotment Management Plans or their equivalent are still undergoing resource management by the BLM.

TABLE 7

Standards for Rangeland Health**A. Current Year Accomplishments**

	CATEGORY A - Rangelands meeting all standards or making significant progress toward meeting the standard		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).		CATEGORY C - Rangelands not meeting 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).		CATEGORY D - Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing.		CATEGORY E - Total number of allotments that have been assessed	
	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres
ARIZONA	67	876,479	0	0	0	0	2	111,929	69	988,408
CALIFORNIA	14	374,968	5	261,367	2	2,261	0	0	21	638,596
COLORADO	161	504,868	18	192,151	8	53,808	7	2,847	194	753,674
IDAHO	66	112,823	14	224,432	12	82,436	30	43,520	122	463,211
MONTANA/DAKOTAS	254	471,781	7	10,035	36	60,771	26	30,528	323	573,115
NEVADA	17	526,637	6	975,366	0	0	16	320,922	39	1,822,925
NEW MEXICO	103	415,940	15	165,161	1	1,607	32	91,187	151	673,895
OREGON/WASHINGTON	46	350,313	1	400	2	6,754	4	5,774	53	363,241
UTAH	106	1,129,971	48	787,277	0	0	2	54,937	156	1,972,185
WYOMING	89	93,980	3	8,274	14	121,503	6	62,093	112	285,850
BLM TOTAL	923	4,857,760	117	2,624,463	75	329,140	125	723,737	1,240	8,535,100

B. Cumulative Accomplishments

	CATEGORY A. Rangelands meeting all standards or making significant progress toward meeting the standard		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).		CATEGORY C - Rangelands not meeting 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).		CATEGORY D - Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing.		CATEGORY E - Total number of allotments that have been assessed		CATEGORY F - Total number of allotments that have not been assessed		CATEGORY G - Total number of allotments	
	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres
ARIZONA	624	7,756,235	10	358,878	15	255,687	5	20,542	654	8,391,342	168	3,025,158	822	11,416,500
CALIFORNIA	363	2,855,858	68	1,699,244	20	626,475	62	626,320	513	5,807,897	173	2,304,680	686	8,112,577
COLORADO	1,613	4,671,268	245	1,678,028	26	262,488	253	1,015,991	2,137	7,627,775	269	228,736	2,406	7,856,511
IDAHO	1,030	3,363,344	298	4,140,661	31	260,494	203	1,123,736	1,562	8,888,235	628	2,684,422	2,190	11,572,657
MONTANA/DAKOTAS	4,198	6,589,682	316	1,008,370	75	127,876	318	415,668	4,907	8,141,596	304	46,166	5,211	8,187,762
NEVADA	300	15,549,509	95	9,760,477	17	870,704	45	1,702,234	457	27,882,924	335	15,940,038	792	43,822,962
NEW MEXICO	534	2,341,503	73	429,411	22	12,400	93	163,707	722	2,947,021	1,569	9,871,239	2,291	12,818,260
OREGON/WASHINGTON	799	5,850,844	117	1,736,531	35	1,014,183	114	494,044	1,065	9,095,602	977	4,481,050	2,042	13,576,652
UTAH	752	9,320,669	145	2,338,163	9	357,230	59	1,447,337	965	13,463,399	448	8,229,337	1,413	21,692,736
WYOMING	1,336	8,062,106	288	4,996,629	85	682,624	100	572,707	1,809	14,314,066	1,717	3,290,645	3,526	17,604,711
BLM TOTAL	11,549	66,361,018	1,655	28,146,392	335	4,470,161	1,252	7,582,286	14,791	106,559,857	6,588	50,101,471	21,379	156,661,328