



Fiscal Year 2006

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	3,395	6,087,092
CALIFORNIA	54,000	1,242,638
COLORADO	13,774	3,654,146
IDAHO	0	8,492,972
MONTANA/DAKOTAS	170,680	5,638,082
NEVADA	0	17,616,786
NEW MEXICO	9,250	9,501,593
OREGON/WASHINGTON	0	7,678,805
UTAH	92,500	13,108,478
WYOMING	0	10,404,901
BLM TOTAL	343,599	83,425,493

/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	Ecological			Annual	Annual	Uncategorized /f/
	Available to be Inventoried	Site Inventory (ESI) /a/	Seedings /b/	Ephemeral /c/	Grassland /d/	Invasive/Exotic /e/	
ARIZONA	11,470,361	6,087,092	2,138	744,875	0	0	4,636,256
CALIFORNIA	8,134,573	1,242,638	69,325	638,237	512,245	138,863	5,533,265
COLORADO	7,779,197	3,654,146	244,133	0	0	0	3,880,918
IDAHO	11,665,324	8,492,972	1,767,044	0	0	344,163	1,061,145
MONTANA/DAKOTAS	8,205,982	5,638,082	148,606	0	0	0	2,419,294
NEVADA	45,417,499	17,616,786	788,561	0	0	0	27,012,152
NEW MEXICO	12,582,389	9,501,593	4,500	0	0	0	3,076,296
OREGON/WASHINGTON	13,782,097	7,678,805	1,007,516	0	0	32	5,095,744
UTAH	21,842,391	13,108,478	846,509	0	0	31,998	7,855,406
WYOMING	17,565,591	10,404,901	1,749	0	0	50	7,158,891
BLM TOTAL	158,445,404	83,425,493	4,880,081	1,383,112	512,245	515,106	67,729,367

/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, 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 on their own.

/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	6,087,092	508,398	2,640,706	2,309,610	628,378
CALIFORNIA	1,242,638	39,579	260,892	553,489	388,678
COLORADO	3,654,146	241,607	1,001,398	1,495,935	915,206
IDAHO	8,492,972	259,543	2,124,494	3,233,213	2,875,722
MONTANA/DAKOTAS	5,638,082	480,582	3,830,042	1,249,061	78,397
NEVADA	17,616,786	741,433	6,761,796	8,047,070	2,066,487
NEW MEXICO	9,501,593	356,654	2,274,227	4,043,490	2,827,222
OREGON/WASHINGTON	7,678,805	72,902	2,121,756	4,515,178	968,969
UTAH	13,108,478	1,585,391	3,895,893	5,869,974	1,757,220
WYOMING	10,404,901	2,809,820	3,953,670	3,083,602	557,809
BLM TOTAL	83,425,493	7,095,909	28,864,874	34,400,622	13,064,088

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

Stewardship Report	
Ecological Condition	
Potential Natural Community	8.5%
Late Seral	34.6%
Mid Seral	41.2%
Early Seral	15.7%
TOTAL	100%

PUBLIC LAND STATISTICS TABLE 2-1

PERCENT OF ACRES IN ECOLOGICAL STATUS
BY STATE - FISCAL YEAR 2006

	PERCENT BY ECOLOGICAL STATUS /a/				
	Percent Acres Inventoried	Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	53%	8%	43%	38%	10%
CALIFORNIA	15%	3%	21%	45%	31%
COLORADO	47%	7%	27%	41%	25%
IDAHO	73%	3%	25%	38%	34%
MONTANA/DAKOTAS	69%	9%	68%	22%	1%
NEVADA	39%	4%	38%	46%	12%
NEW MEXICO	76%	4%	24%	43%	30%
OREGON/WASHINGTON	56%	1%	28%	59%	13%
UTAH	60%	12%	30%	45%	13%
WYOMING	59%	27%	38%	30%	5%
BLM TOTAL	53%	9%	35%	41%	16%

/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

Monitored Rangeland Trend

	Total Federal	Up	Static	Down	Undetermined
ARIZONA	11,449,620	1,820,896	3,098,878	702,926	5,826,920
CALIFORNIA	1,079,199	403,431	272,354	59,409	344,005
COLORADO	6,608,193	1,049,702	1,521,696	430,377	3,606,418
IDAHO	10,943,660	2,289,373	5,859,913	1,181,320	1,613,054
MONTANA/DAKOTAS	4,380,706	1,198,305	1,591,762	141,720	1,448,919
NEVADA	34,695,092	2,817,405	13,486,299	6,595,322	11,796,066
NEW MEXICO	12,582,389	979,076	3,409,843	709,327	7,484,143
OREGON/WASHINGTON	12,380,571	3,801,877	6,992,057	661,763	924,874
UTAH	22,181,209	6,018,334	11,907,376	2,997,019	1,258,480
WYOMING	14,273,255	2,562,703	6,810,872	1,864,229	3,035,451
BLM TOTAL	130,573,894	22,941,102	54,951,050	15,343,412	37,338,330

TABLE 4

Allotment Categorization

STATE	TOTAL		CATEGORY I		CATEGORY M		CATEGORY C		UNCATEGORIZED	
	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	824	11,470,361	203	5,010,866	142	3,401,378	478	3,008,940	1	49,177
CALIFORNIA	698	8,134,573	172	4,815,464	175	2,161,267	351	1,157,842	0	0
COLORADO	2,397	7,779,197	690	5,822,232	307	811,486	1,395	1,143,924	5	1,555
IDAHO	2,249	11,665,324	961	8,226,753	583	3,053,637	704	384,689	1	245
MONTANA/DAKOTAS	5,276	8,205,982	1,046	3,430,840	1,478	3,728,787	2,751	1,046,355	1	0
NEVADA	802	45,417,499	278	29,601,946	270	9,209,691	251	6,535,492	3	70,370
NEW MEXICO	2,290	12,582,389	605	6,848,990	853	4,409,956	831	1,322,857	1	586
OREGON/WASHINGTON	2,028	13,782,097	464	8,742,433	395	4,291,448	1,167	748,128	2	88
UTAH	1,460	21,842,391	633	13,180,954	359	6,856,705	458	1,667,677	10	137,055
WYOMING	3,497	17,565,591	850	11,530,074	792	4,355,748	1,853	1,665,692	2	14,077
BLM TOTAL	21,521	158,445,404	5,902	97,210,552	5,354	42,280,103	10,239	18,681,596	26	273,153

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	591	8,851,345	129	3,691,015	47	725,074	71	295,600
CALIFORNIA	335	7,368,263	127	3,189,054	35	436,415	17	60,625
COLORADO	1,228	7,221,769	352	2,293,151	117	429,582	193	544,416
IDAHO	1,044	9,616,203	382	5,564,700	196	817,698	87	339,277
MONTANA/DAKOTAS	2,640	6,713,713	483	1,530,886	514	1,450,848	349	798,264
NEVADA	690	43,401,177	193	14,959,613	19	1,219,230	15	632,811
NEW MEXICO	1,300	9,586,598	130	1,582,959	87	661,485	45	184,033
OREGON/WASHINGTON	1,454	15,183,699	517	9,169,375	62	1,227,353	13	782,682
UTAH	1,361	20,741,813	379	8,872,476	127	1,866,630	101	1,205,473
WYOMING	1,734	15,582,193	714	8,867,009	183	1,065,431	26	344,489
BLM TOTAL	12,377	144,266,773	3,406	59,720,238	1,387	9,899,746	917	5,187,670

/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	824	11,470,361	275	4,886,655	549	6,583,706
CALIFORNIA	698	8,134,573	202	6,171,182	496	1,963,391
COLORADO	2,397	7,779,197	489	4,245,422	1,908	3,533,775
IDAHO	2,249	11,665,324	344	5,010,786	1,905	6,654,538
MONTANA/DAKOTAS	5,276	8,205,982	752	3,854,421	4,524	4,351,561
NEVADA	802	45,417,499	262	23,620,917	540	21,796,582
NEW MEXICO	2,290	12,582,389	347	4,607,768	1,943	7,974,621
OREGON/WASHINGTON	2,028	13,782,097	332	7,531,479	1,696	6,250,618
UTAH	1,460	21,842,391	390	10,414,714	1,070	11,427,677
WYOMING	3,497	17,565,591	444	7,480,092	3,053	10,085,499
BLM TOTAL	21,521	158,445,404	3,837	77,823,436	17,684	80,621,968

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	47	750,583	1	4,491	2	13,940	0	0	50	769,014
CALIFORNIA	35	262,007	3	101,000	0	0	4	68,000	42	431,007
COLORADO	145	515,875	14	75,787	12	39,696	14	27,865	185	659,223
IDAHO	98	212,672	9	49,016	45	373,316	27	91,935	179	726,939
MONTANA/DAKOTAS	259	388,687	4	26,105	35	79,119	28	53,224	326	547,135
NEVADA	13	323,297	3	254,049	3	21,829	1	58,611	20	657,786
NEW MEXICO	51	296,896	1	1,853	0	0	1	190	53	298,939
OREGON/WASHINGTON	48	335,677	10	30,933	18	946,882	8	40,234	84	1,353,726
UTAH	91	1,061,468	2	53,431	0	0	2	64,724	95	1,179,623
WYOMING	162	546,017	29	203,899	18	219,750	0	0	209	969,666
BLM TOTAL	949	4,693,179	76	800,564	133	1,694,532	85	404,783	1,243	7,593,058

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	508	5,680,429	10	358,878	15	255,687	2	2,624	535	6,297,618	289	5,172,743	824	11,470,361
CALIFORNIA	320	2,782,316	63	1,416,924	17	523,665	56	546,758	456	5,269,663	242	2,864,910	698	8,134,573
COLORADO	1,248	4,650,365	208	1,127,079	15	41,705	192	599,552	1,663	6,418,701	734	1,360,496	2,397	7,779,197
IDAHO	886	3,458,179	211	3,516,718	64	524,855	149	694,622	1,310	8,194,374	939	3,470,950	2,249	11,665,324
MONTANA/DAKOTAS	3,719	5,650,161	255	1,089,289	114	236,887	108	197,315	4,196	7,173,652	1,080	1,032,330	5,276	8,205,982
NEVADA	160	9,585,094	114	11,406,901	14	815,945	20	908,417	308	22,716,357	494	22,701,142	802	45,417,499
NEW MEXICO	224	1,341,478	16	105,076	2	39,108	14	10,816	256	1,496,478	2,034	11,085,911	2,290	12,582,389
OREGON/WASHINGTON	494	4,426,786	94	1,821,374	36	1,074,042	107	498,496	731	7,820,698	1,297	5,961,399	2,028	13,782,097
UTAH	544	6,794,256	79	1,360,265	10	241,859	58	1,431,455	691	9,827,835	769	12,014,556	1,460	21,842,391
WYOMING	1,064	7,709,167	258	4,404,980	72	943,847	87	478,732	1,481	13,536,726	2,016	4,028,865	3,497	17,565,591
BLM TOTAL	9,167	52,078,231	1,308	26,607,484	359	4,697,600	793	5,368,787	11,627	88,752,102	9,894	69,693,302	21,521	158,445,404