



PUBLIC LAND



STATISTICS



1979



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



U.S. Department of the Interior. As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

TABLE OF CONTENTS

Part I LANDS OF THE UNITED STATES AND POSSESSIONS

Table		Page
1.	Area of States and possessions	2
2.	Acquisition of the public domain, 1781-1867	3
3.	Disposition of public lands, 1781-1979	5
4.	Grants to States, 1803-1979	6
5.	Grant lands confirmed to States	8
6.	Grants to railroads, 1850-1979	8
7.	Comparison of federally-owned lands with total area of States	9
8.	Land owned by the United States	10
9.	Federally-owned land by agency and States	13
10.	Public land under exclusive jurisdiction of the Bureau of Land Management	32
11.	Area of National Forests	33

Part II BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

	Land Disposition and Use	34
12.	Original entries and selections allowed and final entries approved	35
13.	Original entries and selections allowed	35
14.	Final entries approved	36
15.	Patents issued	38
16.	Original entries and selections allowed, final entries approved, and patents and certifications issued	42
17.	Patents issued with minerals reserved to the United States through fiscal year 1979	44
18.	Patents issued with minerals reserved to the United States	45
19.	Original homestead entries allowed	45
20.	Final homestead entries approved, May 20, 1862-fiscal year 1979	45
21.	Final homestead entries approved	46
22.	Homestead entries patented	46
23.	Unperfected entries pending	47
24.	Unperfected homestead entries pending	47
25.	Activity under Public Law 87-851 (Mining Claims Occupancy Act)	48
26.	Land exchanges	49
27.	Withdrawals and revocations	50
28.	Original and final desert land entries, March 3, 1877-fiscal year 1979	51

Note.—Unless otherwise specified, tables present data for the 1979 fiscal-year period (Oct. 1, 1978-Sept. 30, 1979).

Part II—Continued

Table	Page
29. Original stockraising homesteads on public and ceded Indian lands, 1917-fiscal year 1979	52
30. Original entries and selections allowed, 1971-fiscal year 1979	53
31. Small tract leases and sales	54
32. Special land use permits in force	55
33. Miscellaneous leases in force	55
Forest Management	
34. Estimated area and producing capacity of forest and woodlands administered by the Bureau of Land Management on public lands	58
35. Area of Oregon and California revested lands	59
36. Area, cover, and allowable cut on Western Oregon lands	60
37. Forest disposition by type of product	62
38. Timber disposition by species in Western Oregon	62
39. Timber disposition by species on public lands	63
40. Timber sales, depletable and nondepletable, by State	64
41. Timber sales by master units in Western Oregon	65
42. Timber sales on public lands	66
43. Free-use timber and nontimber forest products permits issued	67
44. Free-use timber products permits issued by species	68
45. Sales of nontimber forest products in Western Oregon	68
46. Sales of nontimber forest products and other vegetal materials on public lands	68
47. Forest development accomplishments	69
Outdoor Recreation and Wildlife	
48. Recreation and Public Purposes Act leases in force for recreation and wildlife purposes	72
49. Recreation sites administered by Bureau of Land Management	72
50. Estimated recreation visits to public lands under the jurisdiction of BLM	73
51. Estimated recreation visitor days on public lands under the jurisdiction of BLM	74
52. Estimated miles or acres of existing fishing streams, lakes and reservoirs, and riparian land and wetlands on public lands	75
53. Estimated pounds of commercial fish spawned or produced and harvested public lands	75
54. Estimated acres of important game and waterfowl habitat on public lands	75
55. Estimated number of big game animals on public lands	76
56. Wildlife habitat improvements	77

Part II—Continued

	Page
	78
Range Management	
Table	
57. Area and status of land within grazing districts	79
58. Authorized use of grazing district lands, grazing-fee years 1974-1978	80
59. Summary of authorized use of grazing district lands, grazing- fee year 1978	81
60. Grazing authorizations in force on district grazing lands, grazing-fee year 1978	82
61. Authorized livestock on grazing district lands, grazing-fee year 1978	83
62. Animal-unit-months of authorized use of grazing district lands, grazing-fee year 1978	84
63. Estimated use of Taylor Grazing Act grazing-lease lands, grazing-fee year 1978	85
64. Grazing leases in force, grazing-fee year 1978	85
65. Wild free-roaming horses and burros, grazing-fee year 1977- 1978	86
66. Wild free-roaming horses and burros placed in private maintenance (16 U.S.C. 1333), grazing-fee years 1971 to 1978	86
67. Estimated use of grazing-lease lands, Alaska, grazing-fee year 1978	86
68. Estimated permitted use by reindeer of public lands, Alaska, grazing-fee year 1978	86
Resource Conservation and Development	
	87
69. Soil and watershed conservation program accomplishments	88
70. Range improvement program accomplishments	89
71. Private range improvements constructed on public lands	90
72. Total conservation and improvement accomplishments	91
Minerals Leased or Sold	
Locatable Minerals	
	92
73. Mineral permits and licenses on public lands	94
74. Mineral production from public lands	95
75. Mineral production from acquired lands	96
76. Oil and gas leases and production on the Outer Continental Shelf	97
77. Mineral production from military and other Federal lands	97
78. Mineral leases, licenses, and permits on acquired, military, and other Federal lands	98
79. Mineral leases on public lands through fiscal year 1979	99
80. Competitive mineral leases issued and bonuses received	100
81. Noncompetitive mineral leases issued	101

Part II—Continued

Table	Page
82. Disposition of materials other than vegetal	102
83. Mineral patents issued	104
84. Mineral patent applications	105
85. Recordation of Mining Claims, Public Law 94-579, October 21, 1976 to September 30, 1979	106
86. Activity in mining locations under Public Laws 167 and 359	107
Classification and Investigation	
	108
87. Classification and investigation operations (summary by State)	109
88. Classification and investigation operations (summary by type of case)	110
89. Lands classified under the Taylor Grazing Act	112
90. Lands classified under miscellaneous laws	113
Protection—Fire and Trespass	
	114
91. Area burned and resource damage by fires on/or threatening lands administered by the Bureau of Land Management, calendar year 1979	115
92. Fires suppressed on land administered by the Bureau of Land Management, calendar year 1979	116
93. Number of fires by cause and damage on land administered by the Bureau of Land Management, calendar year 1979	118
94. Summary of all fires suppressed by the Bureau of Land Management, calendar year 1979	120
95. Grand total of all fires suppressed, area burned, and resource damage on or threatening land administered by the Bureau of Land Management, calendar year 1979	120
96. Area and cost of protection of public lands administered by the Bureau of Land Management, calendar year 1979	121
97. Trespass operations	120
98. Volume and value of timber cut in trespass	124
99. Trespass collections	125
Public Land Surveys	
	126
100. Surveyed and unsurveyed lands in public land states, 1786- fiscal year 1979	127
101. Cadastral survey actions completed	128
Federal Offshore Surveys	
	132
102. Protracted surveys in the Federal offshore areas	132

Part II—Continued

	Part III	Page
Table	ADJUDICATION, APPEALS, AND HEARINGS	133
103.	New adjudication cases received	134
104.	Adjudication cases reactivated	138
105.	Adjudication cases closed	142
106.	Adjudication cases unclosed	146
107.	Adjudication operations (summary by State)	150
108.	Adjudication operations (summary by type of case)	151
109.	Appeals from Bureau of Land Management decisions	153
110.	Bureau proceedings requiring formal hearings	153
 Part IV		
	ADMINISTRATION AND FINANCE	155
111.	Obligations incurred	156
112.	Receipts from the disposition of public lands and resources, May 20, 1785-fiscal year 1979	157
113.	Statement of receipts by source	158
114.	Geological Survey receipts deposited to Bureau of Land Management accounts	160
115.	Receipts from mineral leases, licenses, and permits on public lands	161
116.	Receipts from mineral leases and permits on acquired lands	162
117.	Receipts under the Mineral Leasing Act, February 25, 1920- fiscal year 1979	163
118.	Receipts under miscellaneous mineral leasing acts	164
119.	Allocation of Bureau of Land Management receipts	165
120.	Allocation of Bureau of Land Management receipts to States	165
121.	Legal allocations of Bureau of Land Management receipts	166
122.	Allocations to States out of receipts from sales of public lands, March 3, 1803-fiscal year 1979	168
123.	Allocations to States from mineral leasing acts receipts, February 25, 1920-fiscal year 1979	169
124.	Allocations to States from Taylor Grazing Act (Section 3) receipts, June 28, 1934-fiscal year 1979	170
125.	Allocations to States from Taylor Grazing Act (Section 15) receipts, June 28, 1934-fiscal year 1979	170
126.	Allocations to counties from revested Oregon and California, and reconveyed Coos Bay Wagon Road land-grant funds, June 8, 1916-fiscal year 1979	171
127.	Amount credited to the reclamation fund from public land and timber sales, 1901-fiscal year 1979	171
 Glossary		
		172
Subject index		
		180

Part I

LANDS OF THE UNITED STATES AND POSSESSIONS

Including Alaska and Hawaii, the gross area of the United States is 2.3 billion acres. (Approximately 2 percent of this is inland water surface; see Table 1.) The Federal Government has, at various times in U.S. history, held title to about four-fifths of the Nation's gross area. Today, Federal civil and defense agencies administer about 770 million acres, or one-third of the gross area (Table 7).

The Bureau of Land Management has exclusive responsibilities for about 52 percent, or 404 million acres of Federally-owned lands (Table 10). Approximately half of this area is in the State of Alaska.

Other major land-holding agencies in the Department of the Interior include the National Park Service, Fish and Wildlife Service, and Water and Power Resources Service. The Forest Service, U.S. Department of Agriculture, has jurisdiction over 24 percent of the total Federally-owned land.

Up to the present, title to approximately 1.1 billion acres has been transferred to individual citizens, business, and non-Federal governmental organizations under Federal legal authority generally referred to as the "land laws." Substantial portions, amounting to 278 million acres, were removed from Federal ownership by authority of the Homestead Laws. Another 328 million acres were granted to States to help support public schools, develop transportation systems, and for general economic development (Table 4).

In Western Oregon, an area of 2.6 million acres comprise the O&C lands. Originally public domain, this acreage was reconveyed and revested to the United States from grants made to private concerns to construct the Oregon and California Railroad and the Coos Bay Military Wagon Road.

TABLE 1.—Area of States and possessions, 1970

State or possession	Area					
	Land		Inland water ¹		Total	
State	Square miles	Acres	Square miles	Acres	Square miles	Acres
Alabama	50,708	32,453,120	901	576,640	51,609	33,029,760
Alaska	566,432	362,516,480	19,980	12,787,200	586,412	375,303,680
Arizona	113,417	72,586,880	492	314,880	113,909	72,901,760
Arkansas	51,945	33,244,800	1,159	741,760	53,104	33,986,560
California	156,361	100,071,040	2,332	1,492,480	158,693	101,563,520
Colorado	103,766	66,410,240	481	307,840	104,247	66,718,080
Connecticut	4,862	3,111,680	147	94,080	5,009	3,205,760
Delaware	1,982	1,268,480	75	48,000	2,057	1,316,480
District of Columbia	61	39,040	6	3,840	67	42,880
Florida	54,090	34,617,600	4,470	2,860,800	58,560	37,478,400
Georgia	58,073	37,166,720	803	513,920	58,876	37,680,640
Hawaii	6,425	4,112,000	25	16,000	6,450	4,128,000
Idaho	82,677	52,913,280	880	563,200	83,557	53,476,480
Illinois	55,748	35,678,720	652	417,280	56,400	36,096,000
Indiana	36,097	23,102,080	194	124,160	36,291	23,226,240
Iowa	55,941	35,802,240	349	223,360	56,290	35,825,600
Kansas	81,787	52,343,680	477	305,280	82,264	52,648,960
Kentucky	39,650	25,376,000	745	476,800	40,395	25,852,800
Louisiana	44,930	28,755,200	3,593	2,299,520	48,523	31,054,720
Maine	30,920	19,788,800	2,295	1,468,800	33,215	21,257,600
Maryland	9,891	6,330,240	686	439,040	10,577	6,769,280
Massachusetts	7,826	5,008,640	431	275,840	8,257	5,284,480
Michigan	56,817	36,362,880	1,399	895,360	58,216	37,258,240
Minnesota	79,289	50,744,960	4,779	3,058,560	84,068	53,803,520
Mississippi	47,296	30,269,440	420	268,800	47,716	30,538,240
Missouri	68,995	44,156,800	691	442,240	69,686	44,599,040
Montana	145,587	93,175,680	1,551	992,640	147,138	94,168,320
Nebraska	76,483	48,949,120	744	476,160	77,227	49,425,280
Nevada	109,889	70,328,960	651	416,640	110,540	70,745,600
New Hampshire	9,027	5,777,280	277	177,280	9,304	5,954,560
New Jersey	7,521	4,813,440	315	201,600	7,836	5,015,040
New Mexico	121,412	77,703,680	254	162,560	121,666	77,866,240
New York	47,831	30,611,840	1,745	1,116,800	49,576	31,728,640
North Carolina	48,798	31,230,720	3,788	2,424,320	52,586	33,655,040
North Dakota	69,273	44,334,720	1,392	890,880	70,665	45,225,600
Ohio	40,975	26,224,000	247	158,080	41,222	26,382,080
Oklahoma	68,782	44,020,480	1,137	727,680	69,919	44,748,160
Oregon	96,184	61,557,760	797	510,080	96,981	62,067,840
Pennsylvania	44,966	28,778,240	367	234,880	45,333	29,013,120
Rhode Island	1,049	671,360	165	105,600	1,214	776,960
South Carolina	30,225	19,344,000	830	531,200	31,055	19,875,200
South Dakota	75,955	48,611,200	1,092	698,880	77,047	49,310,080
Tennessee	41,328	26,449,920	916	586,240	42,244	27,036,160
Texas	262,134	167,765,760	5,204	3,330,560	267,338	171,096,320
Utah	82,096	52,541,440	2,820	1,804,800	84,916	54,346,240
Vermont	9,267	5,930,880	342	218,880	9,609	6,149,760
Virginia	39,780	25,459,200	1,037	663,680	40,817	26,122,880
Washington	66,570	42,604,800	1,622	1,038,080	68,192	43,642,880
West Virginia	24,070	15,404,800	111	71,040	24,181	15,475,840
Wisconsin	54,464	34,856,960	1,690	1,081,600	56,154	35,938,560
Wyoming	97,203	62,209,920	711	455,040	97,914	62,664,960
Total	3,536,855	2,263,587,200	78,267	50,090,880	3,615,122	2,313,678,080
Possessions						
American Samoa	76	48,640	.....	.....	76	48,640
Canal Zone ²	362	231,680	191	122,240	553	353,920
Guam	209	133,760	3	1,920	212	135,680
Puerto Rico	3,421	2,189,440	14	8,960	3,435	2,198,400
Virgin Islands of						
United States	132	84,480	1	640	133	85,120
Other Islands	.....	.....	.....	.....	42	26,880
Trust Territories of the Pacific Islands ³	717	458,880	7,772	4,974,080	8,489	5,432,960

¹Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more area; streams, sloughs, estuaries, and canals 1/8 of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

²Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

³Under the United States Trusteeship System with the United States as administering authority since July 18, 1947.

Source: Bureau of the Census, U.S. Department of Commerce, from the 1970 decennial census.

TABLE 2.—*Acquisition of the public domain, 1781-1867*

Acquisition	Area			Cost ¹
	Land	Water	Total	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	
State cessions (1781-1802)	233,415,680	3,409,920	236,825,600	\$6,200,000
Louisiana Purchase (1803) ³	523,446,400	6,465,280	529,911,680	23,213,568
Red River Basin (1818)	29,066,880	535,040	29,601,920	.....
Cession from Spain (1819)	43,342,720	2,801,920	46,144,640	6,674,057
Oregon Compromise (1846)	180,644,480	2,741,760	183,386,240	.....
Mexican Cession (1848)	334,479,360	4,201,600	338,680,960	16,295,149
Purchase from Texas (1850)	78,842,880	83,840	78,926,720	15,496,448
Gadsden Purchase (1853)	18,961,920	26,880	18,988,800	10,000,000
Alaska Purchase (1867)	362,516,480	12,787,200	375,303,680	7,200,000
Total public domain	1,804,716,800	33,053,440	1,837,770,240	85,079,222

¹Cost data for all except "State Cessions" obtained from: Geological Survey, *Boundaries, Area, Geographic Centers...* (Washington, U.S. Government Printing Office, 1939), pp. 249-151.

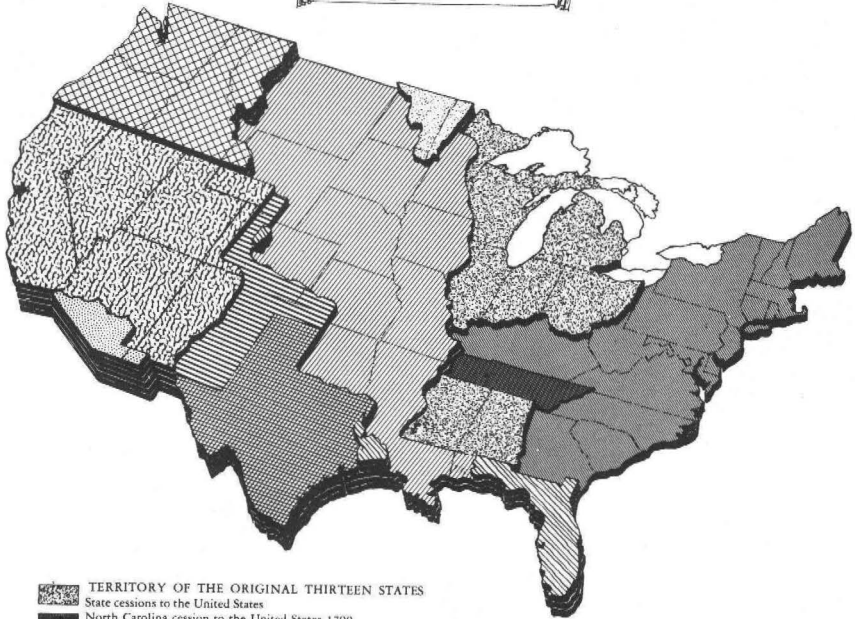
²Georgia Cession, 1802 (56,689,920 acres). See: Donaldson, Thomas, *The Public Domain, Its History, with Statistics* (Washington, U.S. Government Printing Office, 1884), p. 11.

³Excludes areas eliminated by treaty of 1819 with Spain.

Note.—All areas except Alaska were computed in 1912, and have not been adjusted for the recomputation of the areas of the United States which was made for the 1970 decennial census.

Source: U.S. Department of the Interior, Office of the Secretary, *Areas of Acquisitions of the Territory of the United States...* (Washington, U.S. Government Printing Office, 1922).

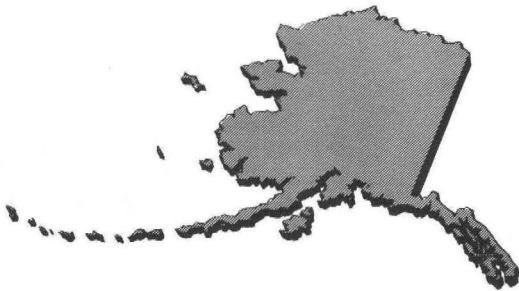
ACQUISITIONS



TERRITORY OF THE ORIGINAL THIRTEEN STATES
 State cessions to the United States
 North Carolina cession to the United States 1790
 United States cession to Tennessee, 1806 and 1846
 The Original Thirteen States (present area) plus the District of Columbia

TERRITORY OF THE REPUBLIC OF TEXAS
 (Annexation of Texas, 1845)
 United States purchase from Texas 1850
 State of Texas (present area)

OTHER ACQUISITIONS BY THE UNITED STATES
 Louisiana purchase from France 1803
 Basin of the Red River of the North
 Treaty with Spain (cession of Florida and adjustment of claims) 1819
 Oregon Compromise with Great Britain 1846
 Cession from Mexico 1848
 Gadsden Purchase from Mexico 1853



ALASKA
 Purchased from Russia March 30, 1867

TABLE 3.—Disposition of public lands, 1781-1979

Type of Disposition	Acres
Disposition by methods not elsewhere classified ¹	303,500,000
Granted or sold to homesteaders ²	287,500,000
Granted to States for:	
Support of common schools	77,600,000
Reclamation of swampland	64,900,000
Construction of railroads	37,100,000
Support of miscellaneous institutions ³	21,700,000
Purposes not elsewhere classified ⁴	117,600,000
Canals and rivers	6,100,000
Construction of wagon roads	3,400,000
Total granted to States	328,400,000
Granted to railroad corporations	94,400,000
Granted to veterans as military bounties	61,000,000
Confirmed as private land claims ⁵	34,000,000
Sold under timber and stone law ⁶	13,900,000
Granted or sold under timber culture law ⁷	10,900,000
Sold under desert land law ⁸	10,700,000
Grand Total	1,144,300,000

¹Chiefly public, private, and preemption sales, but includes mineral entries, scrip locations, sales of townsites and townlots.

²The homestead laws generally provide for the granting of lands to homesteaders who settle upon and improve vacant agricultural public lands. Payment for the land is sometimes permitted, or required, under certain conditions.

³Universities, hospitals, asylums, etc.

⁴For construction of various public improvement (individual items not specified in the granting acts), reclamation of desert lands, construction of water reservoirs, etc.

⁵The Government has confirmed title to lands claimed under valid grants made by foreign governments prior to the acquisition of the public domain by the United States.

⁶The timber and stone laws provided for the sale of lands valuable for timber or stone and unfit for cultivation.

⁷The timber culture laws provided for the granting of public lands to settlers on condition that they plant and cultivate trees on the lands granted. Payments for the lands was permitted under certain conditions.

⁸The desert land laws provide for sale of arid agricultural public lands to settlers who irrigate them and bring them under cultivation.

Note.—Data are estimated from available records.

TABLE 4.—Grants to States, 1803-fiscal year 1979

State	Purpose									Total
	Common schools	Other schools	Other institutions	Railroads	Wagon roads	Canals and rivers	Miscellaneous improvements (not specified)	Swamp reclamation	Other purposes	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Alabama	911,627	383,785	181	2,747,479		400,016	97,469	441,666	24,660	5,006,883
Alaska	106,000	112,064	1,000,000						103,351,187	104,569,251
Arizona	8,093,156	849,197	500,000						1,101,400	10,543,753
Arkansas	933,778	196,080		2,563,721			500,000	7,686,575	56,680	11,936,834
California	5,534,293	196,080		160			500,000	2,193,967	400,768	8,825,268
Colorado	3,685,618	138,040	32,000				500,000		115,946	4,471,604
Connecticut		180,000								180,000
Delaware		90,000								90,000
Florida	975,307	182,160		2,218,705			500,000	20,333,074	5,120	24,214,366
Georgia		270,000								270,000
Idaho	2,963,698	386,686	250,000						654,064	4,254,448
Illinois	996,320	526,080		2,595,133		324,283	209,086	1,460,164	123,589	6,234,655
Indiana	668,578	436,080			170,580	1,480,409		1,259,271	25,600	4,040,518
Iowa	1,000,679	286,080		4,706,945		321,342	500,000	1,196,392	49,824	8,061,262
Kansas	2,907,520	151,270	127	4,176,329			500,000		59,423	7,794,669
Kentucky		330,000	24,607							354,607
Louisiana	807,271	256,292		373,057			500,000	9,504,723		11,441,343
Maine		210,000								210,000
Maryland		210,000								210,000
Massachusetts		360,000								360,000
Michigan	1,021,867	286,080		3,134,058	221,013	1,250,236	500,000	5,680,312	49,280	12,142,846
Minnesota	2,874,951	212,160		8,047,469			500,000	4,706,591	80,880	16,422,051
Mississippi	824,213	348,240		1,075,345			500,000	3,348,946	1,253	6,097,997
Missouri	1,221,813	376,080		1,837,968			500,000	3,432,521	48,640	7,417,022
Montana	5,198,258	388,721	100,000						276,359	5,963,338
Nebraska	2,730,951	136,080	32,000				500,000		59,680	3,458,711
Nevada	2,061,967	136,080	12,800				500,000		14,379	2,725,226
New Hampshire		150,000								150,000
New Jersey		210,000								210,000
New Mexico	8,711,324	1,346,546	750,000			100,000			1,886,848	12,794,718
New York		990,000								990,000
North Carolina		270,000								270,000
North Dakota	2,495,396	336,080	250,000						82,076	3,163,552
Ohio	724,266	699,120			80,774	1,204,114		26,372	24,216	2,758,862
Oklahoma	1,375,000	1,050,000	670,760							3,095,760
Oregon	3,399,360	136,165			2,583,890		500,000	286,108	127,324	7,032,847
Pennsylvania		780,000								780,000
Rhode Island		120,000								120,000
South Carolina		180,000								180,000
South Dakota	2,733,084	366,080	250,640						85,569	3,435,373

Tennessee .....	.....	300,000	.....	.....	.....	.....	.....	.....	.....	300,000
Texas .....	.....	180,000	.....	.....	.....	.....	.....	.....	.....	180,000
Utah	5,844,196	556,141	500,160	.....	.....	.....	.....	.....	601,240	7,501,737
Vermont .....	.....	150,000	.....	.....	.....	.....	.....	.....	.....	150,000
Virginia .....	.....	300,000	.....	.....	.....	.....	.....	.....	.....	300,000
Washington	2,376,391	336,080	200,000	.....	.....	.....	.....	.....	132,000	3,044,471
West Virginia .....	.....	150,000	.....	.....	.....	.....	.....	.....	.....	150,000
Wisconsin	982,329	332,160	.....	3,652,322	302,931	1,022,349	500,000	3,361,283	26,430	10,179,804
Wyoming	3,470,009	136,080	420,000	.....	.....	.....	.....	.....	316,431	4,342,250
Total	77,629,220	16,707,787	4,993,275	37,128,691	3,359,188	6,102,749	7,806,555	64,917,965	109,780,866	328,426,296

TABLE 5.—*Grant lands confirmed to States, fiscal year 1979*

State	School land indemnity	Swamp grants	Other grants	Total
	Acres	Acres	Acres	Acres
Alaska .....	.....	.....	138,066.75	138,066.75

¹Includes 3 general purpose grants in Anchorage, 23,668.75 acres; and 1 general purpose grant in Fairbanks, 114,398 acres, under the Statehood Act of July 7, 1958 (72 Stat. 339).

TABLE 6.—*Grants to railroads, 1850-fiscal year 1979*

State	Acres
Arizona	7,790,128.85
Arkansas	23,249.94
California	11,627,889.69
Colorado	3,757,673.39
Idaho	1,322,249.67
Iowa	4,383.11
Kansas	4,057,683.78
Louisiana	1,001,943.40
Minnesota	1,905,559.14
Missouri	490,705.87
Montana	14,739,697.12
Nebraska	7,272,623.25
Nevada	5,086,603.65
New Mexico	3,355,179.07
North Dakota	10,697,490.35
Oregon	13,656,105.50
Utah	2,230,085.01
Washington	9,617,384.26
Wisconsin	13,739.94
Wyoming	5,749,051.12
Total	94,399,426.11

¹Includes O&C acreage, title to which was reverted in the United States by the Act of June 9, 1916 (39 Stat. 218).

TABLE 7.—Comparison of federally owned land with total acreage of States, fiscal year 1979

State	Acreage owned by the Federal Government			Acreage not owned by Federal Government	Acreage of State ¹	Percent owned by Government ²
	Public Domain	Acquired by other methods	Total			
Alabama	29,522.6	1,092,765.5	1,122,288.1	31,556,111.9	32,678,400	3.434
Alaska	326,891,060.8	34,499.7	326,925,560.5	38,556,039.5	365,481,600	89.451
Arizona	31,573,905.2	440,370.9	32,014,276.1	40,673,723.9	72,688,000	44.043
Arkansas	1,072,981.6	2,285,309.5	3,358,291.1	30,241,068.9	33,599,360	9.995
California	44,139,871.3	2,562,253.7	46,702,125.0	53,504,595.0	100,206,720	46.606
Colorado	22,488,937.7	1,119,008.8	23,607,946.5	42,877,813.5	66,485,760	35.508
Connecticut		9,336.9	9,336.9	3,126,023.1	3,135,360	2.98
Delaware		40,851.9	40,851.9	1,225,068.1	1,265,920	3.227
District of Columbia		12,829.1	12,829.1	26,210.9	39,040	32.861
Florida	370,602.1	3,670,343.1	4,040,945.2	30,680,334.8	34,721,280	11.638
Georgia		2,277,361.0	2,277,361.0	35,017,999.0	37,295,360	6.106
Hawaii	296,897.7	363,722.4	660,620.1	3,444,979.9	4,105,600	16.091
Idaho	32,945,072.4	814,499.2	33,759,571.6	19,173,548.4	52,933,120	63.778
Illinois	437.2	606,159.4	606,596.6	35,188,603.4	35,795,200	1.695
Indiana	432.0	496,215.5	496,647.5	22,661,752.5	23,158,400	2.145
Iowa	340.8	227,107.5	227,448.3	35,633,031.7	35,860,480	634
Kansas	26,093.1	706,921.6	733,014.7	51,777,705.3	52,510,720	1.396
Kentucky		1,414,350.6	1,414,350.6	24,097,969.4	25,512,320	5.544
Louisiana	25,174.4	1,073,420.7	1,098,595.1	27,769,244.9	28,867,840	3.806
Maine		134,801.6	134,801.6	19,712,878.4	19,847,680	679
Maryland		203,009.9	203,009.9	6,116,350.1	6,319,360	3.213
Massachusetts		79,896.7	79,896.7	4,954,983.3	5,034,880	1.587
Michigan	296,442.6	3,170,933.6	3,467,376.2	33,024,783.8	36,492,160	9.502
Minnesota	1,165,764.9	2,257,239.0	3,423,003.9	47,782,756.1	51,205,760	6.685
Mississippi	2,454.1	1,728,113.4	1,730,567.5	28,492,152.5	30,222,720	5.726
Missouri	2,647.3	2,192,935.7	2,195,583.0	42,052,737.0	44,248,320	4.962
Montana	25,211,645.9	2,528,926.3	27,740,572.2	65,530,467.8	93,271,040	29.742
Nebraska	250,300.8	461,872.2	712,173.0	48,319,507.0	49,031,680	1.453
Nevada	60,269,640.9	236,473.2	60,506,114.1	9,758,205.9	70,264,320	86.112
New Hampshire		721,889.3	721,889.3	5,047,070.7	5,768,960	12.513
New Jersey		151,529.6	151,529.6	4,661,910.4	4,813,440	3.148
New Mexico	24,161,087.6	1,712,657.1	25,873,744.7	51,892,655.3	77,766,400	33.271
New York		245,915.1	245,915.1	30,435,044.9	30,680,960	8.02
North Carolina		2,050,852.1	2,050,852.1	29,352,027.9	31,402,880	6.531
North Dakota	208,996.0	2,177,389.4	2,386,385.4	42,066,094.6	44,452,480	5.368
Ohio	220.0	345,088.7	345,308.7	25,876,771.3	26,222,080	1.317
Oklahoma	148,918.3	1,441,034.9	1,589,953.2	42,497,726.8	44,087,680	3.606
Oregon	30,932,776.4	1,380,911.5	32,313,687.9	29,285,032.1	61,598,720	52.458
Pennsylvania		732,565.3	732,565.3	28,071,914.7	28,804,480	2.543
Rhode Island		8,010.8	8,010.8	669,109.2	677,120	1.183
South Carolina		1,176,389.7	1,176,389.7	18,197,690.3	19,374,080	6.072
South Dakota	1,597,141.8	1,895,166.7	3,492,308.5	45,389,611.5	48,881,920	7.144
Tennessee		1,853,936.0	1,853,936.0	24,873,744.0	26,727,680	6.936
Texas		3,408,655.2	3,408,655.2	164,808,944.8	168,217,600	2.026
Utah	32,965,691.8	564,275.6	33,529,967.4	19,166,992.6	52,696,960	63.628
Vermont		295,561.9	295,561.9	5,641,078.1	5,936,640	4.979
Virginia		2,409,747.9	2,409,747.9	23,086,572.1	25,496,320	9.451
Washington	11,083,469.0	1,389,234.7	12,472,703.7	30,221,056.3	42,693,760	29.214
West Virginia		1,097,058.2	1,097,058.2	14,313,501.8	15,410,560	7.119
Wisconsin	10,143.4	1,857,591.2	1,867,734.6	33,143,465.4	35,011,200	5.335
Wyoming	29,689,575.3	639,980.2	30,329,555.5	32,013,484.5	62,343,040	48.650
Total	677,858,245.0	59,796,969.7	737,655,214.7	1,533,688,145.3	2,271,343,360	32.477

¹Does not include inland water.²Excludes trust properties.

Source: General Services Administration.

TABLE 8.—*Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of fiscal year 1979*

Agency and bureau	Public Domain	Long-term interest	Purchase donation, etc.	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
CIVIL AGENCIES				
Agency for International Development			14.7	14.7
Department of Agriculture:				
Animal Plant Health Inspection			1,168.8	1,168.8
Forest Service	160,002,139.6		27,534,259.6	187,536,399.2
Science and Education Administration	311,441.5		88,389.0	399,830.5
Soil Conservation Service	1.9		1,533.8	1,535.7
Total	160,313,583.0		27,625,351.2	187,938,934.2
American Battle Monument Commission		1,614.6	.2	1,614.8
Central Intelligence Agency			283.1	283.1
Department of Commerce:				
Maritime Administration			937.0	937.0
National Oceanic and Atmospheric Administration	50,246.5		1,134.0	51,380.5
National Bureau of Standards			1,180.7	1,180.7
Office of Telecommunications			2,472.8	2,472.8
Total	50,246.5		5,724.5	55,971.0
Community Services Administration			2.8	2.8
Department of Energy:				
Alaska Power Administration	20,433.7		10.3	20,444.0
Bonneville Power Administration	40.0		13,707.4	13,747.4
Energy R & D Administration	627,182.0		701,758.3	1,328,940.3
Southwestern Power Administration			236.5	236.5
Strategic Petroleum Research Office			2,111.7	2,111.7
USN Petroleum Oil Shale Research	202,900.4		33.8	202,934.2
Western Area Power Administration	4,479.8		2,272.7	6,752.5
Total	855,035.9		720,130.7	1,575,166.6
Environmental Protection Agency			274.0	274.0
Federal Communications Commission			2,573.1	2,573.1
General Services Administration	31.5		16,569.0	16,600.5
Government Printing Office			5.5	5.5
Department of Health, Education and Welfare:				
Alcohol, Drug Abuse, and Mental Health Administration			339.3	339.3
Center for Disease Control			120.2	120.2
Food and Drug Administration			768.0	768.0
Health Service Administration	557.9		769.0	1,326.9
National Institutes of Health			1,733.8	1,733.8
National Institutes of Education			12.4	12.4
Social Security Administration			294.4	294.4
Total	557.9		4,037.1	4,595.0

TABLE 8.—Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of fiscal year 1979—continued

Agency and bureau	Public Domain	Long-term interest	Purchase donation, etc.	Total
Department of Housing and Urban Development:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Office of the Secretary .....	.....	.....	267.3	267.3
Department of the Interior:				
Bureau of Indian Affairs	227,282.2	.....	553,704.8	780,987.0
Bureau of Land Management	395,155,545.5	.....	2,367,290.0	397,522,835.5
Bureau of Mines	54.7	.....	13,003.0	13,057.7
Fish and Wildlife Service	38,686,169.8	.....	4,468,836.0	43,155,005.8
Geological Survey	70.3	.....	1,661.3	1,731.6
National Park Service	61,547,222.6	.....	6,729,944.6	68,277,167.2
Office of Water Research and Technology .....	.....	.....	28.4	28.4
Office of the Secretary .....	.....	.....	11,559.8	11,559.8
Water and Power Resources Service	4,684,991.6	.....	1,930,826.0	6,615,817.6
Total	500,301,336.7	.....	16,076,853.9	516,378,190.6
International Communication Agency .....	.....	.....	8,894.2	8,894.2
Department of Justice:				
Bureau of Prisons	5,149.0	.....	24,258.9	29,407.9
Immigration and Naturalization Service	5.0	.....	602.6	607.6
Total	5,154.0	.....	24,861.5	30,015.5
Department of Labor:				
Employment and Training Administration .....	.....	.....	4,557.2	4,557.2
Mine Safety and Health Administration .....	.....	.....	74.3	74.3
Total .....	.....	.....	4,631.5	4,631.5
National Aeronautics and Space Administration	12,819.0	.....	121,073.4	133,892.4
National Science Foundation .....	.....	.....	3,692.0	3,692.0
Panama Canal:				
Canal Zone Government .....	.....	8,365.0	.....	8,365.0
Panama Canal Company .....	.....	357,478.0	.....	357,478.0
Total .....	.....	365,843.0	.....	365,843.0
Department of State:				
Bureau of Administration .....	.....	.....	2,159.5	2,159.5
International Boundary and Water Commission, United States and Mexico	818.5	.....	119,664.1	120,482.6
Total	818.5	.....	121,823.6	122,642.1
Tennessee Valley Authority .....	.....	.....	988,872.0	988,872.0
Department of Transportation:				
Federal Aviation Administration	35,132.0	.....	24,600.6	59,732.6
Federal Highway Administration .....	.....	.....	73.4	73.4
Federal Railroad Administration	35,967.0	.....	2,040.5	38,007.5
St. Lawrence Seaway .....	.....	.....	2,904.7	2,904.7
Transportation System Center .....	.....	.....	14.0	14.0
U.S. Coast Guard	71,163.6	156.9	19,559.5	90,880.0
Total	142,262.6	156.9	49,192.7	191,612.2

TABLE 8.—*Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of fiscal year 1979—continued*

Agency and bureau	Public Domain	Long-term interest	Purchase donation, etc.	Total
Treasury Department:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Bureau of Engraving and Printing			8.7	8.7
Bureau of Customs			357.5	357.5
Bureau of the Mint			90.7	90.7
Federal Law Enforcement Training Center			1,525.6	1,525.6
Office of the Secretary			6.4	6.4
Secret Service			490.3	490.3
Total			2,479.2	2,479.2
U.S. Postal Service			6,226.5	6,226.5
Veterans Administration	1,602.1		23,926.3	25,528.4
Total, civil agencies	661,683,447.7	67,614.5	45,807,760.0	707,858,822.2
DEFENSE AGENCIES				
Defense, Military Functions:				
Department of the Air Force	6,923,551.0		1,378,443.0	8,301,994.0
Department of the Army	6,616,134.0		4,054,084.0	10,670,218.0
Department of the Navy	1,976,127.9		1,249,255.4	3,225,383.3
Total	15,515,812.9		6,681,782.4	22,197,595.3
Defense, Civil Functions:				
Corps of Engineers	658,984.4		7,575,504.6	8,234,489.0
Total, defense agencies	16,174,797.3		14,257,287.0	30,432,084.3
Grand Total, all agencies	677,858,245.0	367,614.5	60,065,047.0	738,290,906.5

Source: General Services Administration.

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979*

Agency and State	Public domain	Acquired	Total
CIVIL AGENCIES			
Department of Agriculture			
Animal/Plant Health Inspection	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Iowa		177.5	177.5
Mississippi		5.0	5.0
New Jersey		28.3	28.3
New York		3.2	3.2
North Carolina		7.2	7.2
Texas		947.6	947.6
Total Animal/Plant Health Inspection		1,168.8	1,168.8
Forest Service			
Alabama	24,948.0	613,984.0	638,932.0
Alaska	20,400,302.4	318.4	20,400,620.8
Arizona	11,265,917.0	4,269.1	11,270,186.1
Arkansas	1,034,903.0	1,436,304.0	2,471,207.0
California	19,933,707.0	409,786.7	20,343,493.7
Colorado	13,759,943.0	655,246.0	14,415,189.0
Connecticut		10.0	10.0
Florida	162,199.0	931,387.0	1,093,586.0
Georgia		860,433.7	860,433.7
Idaho	19,979,093.0	443,997.0	20,423,090.0
Illinois	343.0	258,258.0	258,601.0
Indiana	432.0	183,449.0	183,881.0
Kansas	280.0	107,420.0	107,700.0
Kentucky		665,522.0	665,522.0
Louisiana	238.0	596,138.0	596,376.0
Maine		51,442.5	51,442.5
Michigan	280,405.0	2,435,551.0	2,715,956.0
Minnesota	1,110,168.0	1,684,817.0	2,794,985.0
Mississippi	1,740.0	1,138,370.9	1,140,110.9
Missouri	1,563.0	1,458,777.0	1,460,340.0
Montana	16,679,104.0	74,597.5	16,753,701.5
Nebraska	216,317.0	135,182.1	351,499.1
Nevada	5,072,936.0	70,955.0	5,143,891.0
New Hampshire		694,169.0	694,169.0
New Mexico	8,666,286.0	577,327.9	9,243,613.9
New York		13,232.0	13,232.0
North Carolina		1,158,935.9	1,158,935.9
North Dakota	106,575.0	999,010.0	1,105,585.0
Ohio		173,478.0	173,478.0
Oklahoma	623.0	292,220.0	292,843.0
Oregon	14,677,269.0	930,951.9	15,608,220.9
Pennsylvania		508,695.0	508,695.0
South Carolina		607,445.6	607,445.6
South Dakota	1,214,300.0	780,777.0	1,995,077.0
Tennessee		621,195.0	621,195.0
Texas		781,925.0	781,925.0
Utah	7,800,099.2	246,086.3	8,046,185.5
Vermont		271,464.0	271,464.0
Virginia		1,620,679.4	1,620,679.4
Washington	8,733,329.0	169,093.3	8,902,422.3
West Virginia		965,705.8	965,705.8
Wisconsin	8,234.0	1,495,282.0	1,503,516.0
Wyoming	8,870,886.0	382,198.6	9,253,084.6
Total Forest Service	160,002,139.6	27,506,087.6	187,508,227.2
Science/Education Administration			
Alabama		45.6	45.6
Arizona		17.9	17.9
California .....	.9	351.8	352.7
Colorado		14,665.7	14,665.7
District of Columbia		444.9	444.9
Florida		4,049.5	4,049.5
Georgia		2,278.1	2,278.1
Idaho	28,363.0	4,099.8	32,462.8
Illinois		21.1	21.1
Iowa		363.5	363.5
Kansas		12.4	12.4

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Science/Education Administration—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Louisiana		214.5	214.5
Maine		5.6	5.6
Maryland		9,825.1	9,825.1
Michigan		50.0	50.0
Minnesota		15.0	15.0
Mississippi		392.4	392.4
Missouri		10.1	10.1
Montana	71,690.3	10.0	71,700.3
Nebraska		34,355.2	34,355.2
New Mexico	189,940.0	37.0	189,977.0
New York		862.2	862.2
North Carolina		5.0	5.0
North Dakota		1,129.9	1,129.9
Ohio		631.7	631.7
Oklahoma	6,693.5	4,840.1	11,533.6
Oregon	14,593.8	14.0	14,607.8
Pennsylvania		25.3	25.3
South Carolina		468.0	468.0
South Dakota		10.0	10.0
Tennessee		464.0	464.0
Texas		8,057.8	8,057.8
Utah		1.2	1.2
Washington	160.0	13.0	173.0
West Virginia		542.7	542.7
Wisconsin .....		.7	.7
Total Science/Education Administration	311,441.5	88,330.8	399,772.3
Soil Conservation Service			
Alaska	1.9		1.9
Arizona		45.9	45.9
California		107.1	107.1
Florida		182.0	182.0
Georgia		328.1	328.1
Iowa .....		.8	.8
Kansas		169.5	169.5
Kentucky		4.0	4.0
Missouri		262.8	262.8
Nevada .....		.2	.2
New Jersey		4.0	4.0
New York		203.2	203.2
Texas		2.1	2.1
Utah		2.7	2.7
Washington		221.4	221.4
Total Soil Conservation Service	1.9	1,533.8	1,535.7
Total Department of Agriculture	160,313,583.0	27,597,121.0	187,910,704.0
Central Intelligence Agency			
Maryland		90.1	90.1
Virginia		193.0	193.0
Total Central Intelligence Agency		283.1	283.1
Department of Commerce			
Maritime Administration			
Alabama		74.0	74.0
New Jersey		53.8	53.8
New York		81.8	81.8
North Carolina		11.3	11.3
Texas		716.1	716.1
Total Maritime Administration		937.0	937.0
National Oceanic and Atmospheric Administration			
Alabama		6.2	6.2
Alaska	50,226.5	23.0	50,249.5
California		24.0	24.0
Colorado	20.0	15.4	35.4
Connecticut		5.8	5.8

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
National Oceanic and Atmospheric Administration—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Florida		34.6	34.6
Hawaii		178.2	178.2
Illinois		18.3	18.3
Louisiana		10.0	10.0
Maine		1.1	1.1
Maryland		13.8	13.8
Massachusetts		5.9	5.9
Mississippi		2.2	2.2
Missouri		10.3	10.3
Nebraska		7.6	7.6
North Carolina		15.8	15.8
Ohio		15.0	15.0
Oklahoma		1.0	1.0
Oregon		7.8	7.8
Pennsylvania		9.0	9.0
Rhode Island		3.0	3.0
Texas		181.8	181.8
Virginia		419.2	419.2
Washington		123.5	123.5
Wisconsin		1.5	1.5
Total National Oceanic and Atmospheric Administration	50,246.5	1,134.0	51,380.5
National Bureau of Standards			
Colorado		585.6	585.6
Hawaii		5.2	5.2
Illinois .....		.1	.1
Maryland		589.8	589.8
Total National Bureau of Standards		1,180.7	1,180.7
Office of Telecommunications			
Colorado		2,472.8	2,472.8
Total Office of Telecommunications		2,472.8	2,472.8
Total Department of Commerce	50,246.5	5,724.5	55,971.0
Community Services Administration			
Maine .....		.2	.2
Massachusetts .....		.4	.4
New Jersey .....		.2	.2
South Carolina		1.8	1.8
Vermont .....		.2	.2
Total Community Services Administration		2.8	2.8
Department of Energy			
Alaska Power Administration			
Alaska	20,433.7	10.3	20,444.0
Total Alaska Power Administration	20,433.7	10.3	20,444.0
Bonneville Power Administration			
Idaho		94.3	94.3
Montana		315.4	315.4
Oregon	40.0	4,846.3	4,886.3
Washington		8,447.4	8,447.4
Wyoming		4.0	4.0
Total Bonneville Power Administration	40.0	13,707.4	13,747.4
Energy Research and Development Administration			
California		191.9	191.9
Colorado	28,319.4	9,961.8	38,281.2
Connecticut		9.8	9.8
Florida		99.2	99.2
Idaho	513,279.1	59,033.5	572,312.6
Illinois		8,529.7	8,529.7

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Energy Research and Development Administration—continued			
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Kentucky		3,423.2	3,423.2
Maryland		124.5	124.5
Missouri		273.4	273.4
Nevada	5,133.8		5,133.8
New Jersey		5.7	5.7
New Mexico	11,201.6	28,637.8	39,839.4
New York		9,595.5	9,595.5
North Dakota		8.3	8.3
Ohio		4,968.1	4,968.1
Oklahoma		10.0	10.0
Pennsylvania		41,200.6	41,200.6
South Carolina		192,323.3	192,323.3
South Dakota		10.0	10.0
Tennessee		36,871.0	36,871.0
Texas		10,177.1	10,177.1
Utah	3,095.1	71.7	3,166.8
Washington	66,153.0	296,125.0	362,278.0
West Virginia		73.2	73.2
Wyoming		2.2	2.2
Total Energy Research and Development Administration	627,182.0	701,726.5	1,328,908.5
Southwestern Power Administration			
Arkansas		57.2	57.2
Missouri		106.5	106.5
Oklahoma		72.8	72.8
Total Southwestern Power Administration		236.5	236.5
Strategic Petroleum Research Office			
Louisiana		1,612.0	1,612.0
Texas		499.7	499.7
Total Strategic Petroleum Research Office		2,111.7	2,111.7
USN Petroleum Oil Shale Research			
California	48,020.0		48,020.0
Colorado	54,959.0	33.8	54,992.8
Utah	90,440.0		90,440.0
Wyoming	9,481.4		9,481.4
Total USN Petroleum Oil Shale Research	202,900.4	33.8	202,934.2
Western Area Power Administration			
Arizona		70.2	70.2
California	76.0	61.0	137.0
Colorado		445.5	445.5
Iowa		190.7	190.7
Minnesota		40.1	40.1
Montana		209.0	209.0
Nebraska		137.9	137.9
Nevada	4,403.0	4.2	4,407.2
North Dakota		313.7	313.7
South Dakota		602.2	602.2
Utah		14.0	14.0
Wyoming .....	.8	184.2	185.0
Total Western Area Power Administration	4,479.8	2,272.7	6,752.5
Total Department of Energy	855,035.9	720,098.9	1,575,134.8
Environmental Protection Agency			
Florida		16.5	16.5
Georgia		19.0	19.0
Michigan		43.3	43.3
Minnesota		13.2	13.2
New Jersey		15.1	15.1
Ohio		50.5	50.5
Oklahoma		27.8	27.8
Oregon		20.9	20.9

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Environmental Protection Agency—continued			
Rhode Island		19.8	19.8
South Carolina		30.4	30.4
Washington		17.5	17.5
Total Environmental Protection Agency		274.0	274.0
Federal Communications Commission			
Alaska		170.6	170.6
Arizona		131.4	131.4
California		120.0	120.0
Florida		69.4	69.4
Georgia		160.7	160.7
Hawaii		47.7	47.7
Maine		138.3	138.3
Maryland		211.0	211.0
Michigan		208.7	208.7
Nebraska		200.0	200.0
New York		260.0	260.0
Ohio		246.1	246.1
Texas		412.0	412.0
Washington		197.2	197.2
Total Federal Communications Commission		2,573.1	2,573.1
General Services Administration			
Alabama		68.4	68.4
Alaska	9.7	89.2	98.9
Arizona	15.9	65.1	81.0
Arkansas		46.7	46.7
California	5.2	865.1	870.3
Colorado		2,140.8	2,140.8
Connecticut		10.9	10.9
Delaware		3.6	3.6
District of Columbia		301.9	301.9
Florida		110.9	110.9
Georgia		204.2	204.2
Hawaii		18.8	18.8
Idaho		253.9	253.9
Illinois		145.2	145.2
Indiana		385.1	385.1
Iowa		18.3	18.3
Kansas		74.7	74.7
Kentucky		37.7	37.7
Louisiana		276.5	276.5
Maine		43.9	43.9
Maryland		1,283.3	1,283.3
Massachusetts		212.6	212.6
Michigan		157.0	157.0
Minnesota		83.6	83.6
Mississippi		20.4	20.4
Missouri		451.4	451.4
Montana .....	.7	657.9	658.6
Nebraska		9.5	9.5
Nevada		13.2	13.2
New Hampshire		5.6	5.6
New Jersey		1,170.1	1,170.1
New Mexico		116.6	116.6
New York		1,444.8	1,444.8
North Carolina		32.7	32.7
North Dakota		65.0	65.0
Ohio		388.5	388.5
Oklahoma		42.3	42.3
Oregon		70.5	70.5
Pennsylvania		170.8	170.8
Rhode Island		75.9	75.9
South Carolina		29.1	29.1
South Dakota		9.7	9.7
Tennessee		44.0	44.0
Texas		561.7	561.7
Utah		1,276.4	1,276.4
Vermont		27.2	27.2
Virginia		2,486.8	2,486.8

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
General Services Administration—continued			
Washington		328.5	328.5
West Virginia		106.2	106.2
Wisconsin		9.1	9.1
Wyoming		6.1	6.1
Total General Services Administration	31.5	16,517.4	16,548.9
Government Printing Office			
District of Columbia		5.5	5.5
Total Government Printing Office		5.5	5.5
Department of Health, Education and Welfare			
Alcohol, Drug Abuse and Mental Health Administration			
District of Columbia		339.3	339.3
Total Alcohol, Drug Abuse and Mental Health Administration		339.3	339.3
Center for Disease Control			
Arizona		1.7	1.7
Georgia		101.3	101.3
Ohio		6.1	6.1
West Virginia		8.3	8.3
Total Center for Disease Control		117.4	117.4
Food and Drug Administration			
Alabama		3.9	3.9
Arkansas		498.3	498.3
Maryland		241.5	241.5
Massachusetts		5.9	5.9
Ohio		15.3	15.3
Pennsylvania		1.5	1.5
Rhode Island		1.6	1.6
Total Food and Drug Administration		768.0	768.0
Health Services Administration			
Alaska	556.9		556.9
Arizona		50.1	50.1
California .....	.8	36.4	37.2
Hawaii		1.5	1.5
Kansas .....		.4	.4
Louisiana		354.5	354.5
Maine		6.9	6.9
Maryland		10.1	10.1
Massachusetts		6.5	6.5
Minnesota		3.7	3.7
Mississippi .....		.9	.9
Nebraska		4.5	4.5
Nevada .....	.2		.2
New Mexico		28.5	28.5
New York		24.1	24.1
North Carolina .....		.9	.9
North Dakota		12.0	12.0
Oklahoma		116.8	116.8
Oregon		1.4	1.4
South Dakota		52.5	52.5
Texas		18.1	18.1
Virginia		21.4	21.4
Washington		9.9	9.9
Total Health Services Administration	557.9	761.1	1,319.0
National Institute of Education			
California		12.4	12.4
Total National Institute of Education		12.4	12.4

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
National Institute of Health	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Louisiana		28.8	28.8
Maryland		892.6	892.6
Montana		33.2	33.2
North Carolina		509.2	509.2
Total National Institute of Health		1,463.8	1,463.8
Social Security Administration			
Alabama		1.4	1.4
Arizona .....		.3	.3
Arkansas		1.6	1.6
California		8.8	8.8
Connecticut .....		.4	.4
Idaho .....		.5	.5
Illinois		3.0	3.0
Indiana .....		.5	.5
Iowa		1.1	1.1
Kansas		2.3	2.3
Kentucky		4.7	4.7
Louisiana		1.1	1.1
Maine .....		.3	.3
Maryland	237.7		237.7
Massachusetts		1.1	1.1
Michigan		1.7	1.7
Minnesota		2.3	2.3
Mississippi .....		.6	.6
Missouri		2.0	2.0
Nebraska .....		.6	.6
New Hampshire .....		.4	.4
New Jersey		2.3	2.3
New York .....		.9	.9
North Carolina		1.1	1.1
North Dakota .....		.5	.5
Oklahoma		1.1	1.1
Pennsylvania		7.0	7.0
Rhode Island .....		.5	.5
South Carolina .....		.5	.5
Texas		1.7	1.7
Utah .....		.6	.6
Vermont .....		.9	.9
Virginia		1.4	1.4
West Virginia		1.7	1.7
Wisconsin		1.8	1.8
Total Social Security Administration		294.4	294.4
Total Department of Health, Education and Welfare	557.9	3,756.4	4,314.3
Department of Housing and Urban Development			
Office of the Secretary			
California		2.7	2.7
District of Columbia		264.6	264.6
Total Department of Housing and Urban Development		267.3	267.3
Department of Interior			
Fish and Wildlife Service			
Alabama		9,370.4	9,370.4
Alaska	33,749,064.1	.3	33,749,064.4
Arizona	1,537,199.7	1,582.0	1,538,781.7
Arkansas	8,881.6	123,381.0	132,262.6
California	2,239.7	82,718.4	84,958.1
Colorado	11,729.7	42,608.7	54,338.4
Connecticut		183.4	183.4
Delaware		23,952.6	23,952.6
Florida	4,467.1	157,628.5	162,095.6
Georgia		462,202.0	462,202.0
Hawaii	254,418.1	1,199.9	255,618.0
Idaho	26,587.4	17,630.9	44,218.3
Illinois	65.2	56,077.4	56,142.6
Indiana		7,763.0	7,763.0
Iowa	333.7	25,899.0	26,232.7
Kansas		21,820.1	21,820.1
Kentucky		2,153.8	2,153.8

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Fish and Wildlife Service—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Louisiana	10,462.7	241,370.2	251,832.9
Maine		28,710.4	28,710.4
Maryland		25,571.0	25,571.0
Massachusetts		11,254.9	11,254.9
Michigan	3,075.3	102,141.2	105,216.5
Minnesota	288.2	388,272.7	388,560.9
Mississippi	40.1	102,830.5	102,870.6
Missouri		43,262.4	43,262.4
Montana	433,343.5	134,067.7	567,411.2
Nebraska	15,510.5	141,181.5	156,692.0
Nevada	2,141,611.5	60,684.9	2,202,296.4
New Hampshire		1,711.4	1,711.4
New Jersey		33,240.9	33,240.9
New Mexico	15,766.3	301,052.5	316,818.8
New York		22,490.0	22,490.0
North Carolina		124,930.8	124,930.8
North Dakota	12,675.8	420,373.0	433,048.8
Ohio	82.0	7,712.1	7,794.1
Oklahoma	77,806.0	1,874.9	79,680.9
Oregon	248,888.8	226,561.1	475,449.9
Pennsylvania		8,830.9	8,830.9
Rhode Island		649.2	649.2
South Carolina		149,648.9	149,648.9
South Dakota	1,869.9	124,951.5	126,821.4
Tennessee		20,876.6	20,876.6
Texas		178,645.8	178,645.8
Utah	66,420.9	31,773.6	98,194.5
Vermont		5,739.5	5,739.5
Virginia		90,706.3	90,706.3
Washington	41,662.4	88,835.7	130,498.1
West Virginia		214.8	214.8
Wisconsin	754.1	178,418.1	179,172.2
Wyoming	20,925.5	29,663.5	50,589.0
Total Fish and Wildlife Service	38,686,169.8	4,364,419.9	43,050,589.7
Geological Survey			
Alaska .....	.5	927.4	927.9
Arizona		172.8	172.8
California		12.3	12.3
Minnesota		1.3	1.3
Montana		1.0	1.0
Nevada	69.8	1.0	70.8
South Dakota		318.7	318.7
Virginia		187.4	187.4
Washington		3.6	3.6
Total Geological Survey	70.3	1,625.5	1,695.8
Bureau of Indian Affairs			
Alaska	87,000.0	1.1	87,001.1
Arizona	89,375.0	1,051.3	90,426.3
California		260.4	260.4
Colorado	40.0	59.7	99.7
Kansas		32,816.5	32,816.5
Michigan		318.6	318.6
Minnesota		4,016.5	4,016.5
Mississippi		28,697.9	28,697.9
Missouri		187.1	187.1
Montana		124,456.1	124,456.1
Nebraska		169.7	169.7
Nevada	1,647.2	6,163.6	7,810.8
New Mexico	48,680.0	123,251.8	171,931.8
North Carolina		138.3	138.3
North Dakota		6,413.6	6,413.6
Oklahoma	540.0	26,612.1	27,152.1
Oregon		401.7	401.7
South Dakota		157,439.7	157,439.7
Utah		415.5	415.5
Washington		120.7	120.7
Wisconsin		39,416.7	39,416.7
Wyoming		1,296.2	1,296.2

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Bureau of Indian Affairs—continued			
Total Bureau of Indian Affairs	227,282.2	553,704.8	780,987.0
Bureau of Land Management			
Alabama	3,257.0	.....	3,257.0
Alaska	222,234,476.0	659.2	222,235,135.2
✓ Arizona	12,551,829.0	37,087.9	12,588,916.9
Arkansas	1,589.0	.....	1,589.0
✓ California	16,599,795.0	9,580.1	16,609,375.1
✓ Colorado	7,957,351.0	36,586.9	7,993,937.9
✓ Florida	1,189.0	.....	1,189.0
Idaho	11,873,614.5	72,325.2	11,945,939.7
Illinois	29.0	.....	29.0
Kansas	728.0	.....	728.0
Louisiana	7,206.0	.....	7,206.0
Michigan	936.0	.....	936.0
Minnesota	43,556.0	.....	43,556.0
Mississippi	639.0	.....	639.0
Missouri	200.0	.....	200.0
Montana	6,272,909.0	1,868,742.6	8,141,651.6
Nebraska	9,432.0	.....	9,432.0
Nevada	48,841,518.0	3,290.3	48,844,808.3
New Mexico	12,612,775.0	227,680.6	12,840,455.6
North Dakota	68,142.0	.....	68,142.0
Ohio	120.0	.....	120.0
Oklahoma	6,988.0	.....	6,988.0
Oregon	15,660,842.0	84,222.4	15,745,064.4
South Dakota	276,388.0	.....	276,388.0
Utah	22,035,954.0	16,673.6	22,052,627.6
Washington	311,157.0	.....	311,157.0
Wisconsin	262.0	.....	262.0
Wyoming	17,782,664.0	10,441.2	17,793,105.2
Total Bureau of Land Management	395,155,545.5	2,367,290.0	397,522,835.5
Bureau of Mines			
Alabama .....	.....	2.6	2.6
Alaska	2.3	.....	2.3
Kansas	12.2	.....	12.2
Maryland	17.8	.....	17.8
Minnesota	81.5	.....	81.5
Missouri	3.0	.....	3.0
Nevada	18.1	4.5	22.6
Oklahoma	191.1	.....	191.1
Oregon	43.8	.....	43.8
Pennsylvania	204.6	.....	204.6
Texas	12,408.5	.....	12,408.5
Utah	34.3	12.4	46.7
Washington .....	.....	21.0	21.0
Total Bureau of Mines	54.7	13,003.0	13,057.7
Water and Power Resources Service			
Arizona	920,547.1	85,318.3	1,005,865.4
California	848,916.4	217,468.8	1,066,385.2
Colorado	166,778.7	74,438.4	241,217.1
Idaho	304,340.4	141,914.2	446,254.6
Kansas .....	.....	93,580.9	93,580.9
Montana	176,966.5	111,493.1	288,459.6
Nebraska	7,110.7	66,011.7	73,122.4
Nevada	843,948.6	71,324.6	915,273.2
New Mexico	80,550.0	118,514.2	199,064.2
North Dakota	906.7	127,061.0	127,967.7
Oklahoma	508.5	69,982.5	70,491.0
Oregon	126,672.2	38,387.5	165,059.7
South Dakota	19,177.8	45,276.8	64,454.6
Texas .....	.....	110,217.2	110,217.2
Utah	436,030.6	114,882.9	550,913.5
Washington	104,918.3	295,975.4	400,893.7
Wyoming	647,619.1	148,978.5	796,597.6
Total Water and Power Resources Service	4,684,991.6	1,930,826.0	6,615,817.6

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
National Park Service	Acres	Acres	Acres
Alabama	6,344.9	6,344.9	6,344.9
Alaska	48,312,666.0	890.9	48,313,556.9
Arizona	1,679,125.3	222,051.8	1,901,177.1
Arkansas	891.9	82,517.6	83,409.5
California	4,120,613.5	444,351.9	4,564,965.4
Colorado	505,373.3	34,831.0	540,204.3
District of Columbia	9,216.9	9,216.9	9,216.9
Florida	47,214.4	1,919,269.3	1,966,483.7
Georgia	32,597.8	32,597.8	32,597.8
Hawaii	46.2	228,741.2	228,787.4
Idaho	83,740.0	2,718.6	86,458.6
Illinois	11.7	11.7	11.7
Indiana	7,643.4	7,643.4	7,643.4
Iowa	1,647.9	1,647.9	1,647.9
Kansas	403.2	403.2	403.2
Kentucky	62,159.3	62,159.3	62,159.3
Louisiana	100.9	100.9	100.9
Maine	34,400.3	34,400.3	34,400.3
Maryland	33,847.3	33,847.3	33,847.3
Massachusetts	26,327.0	26,327.0	26,327.0
Michigan	11,167.9	605,366.8	616,534.7
Minnesota	125,359.8	125,359.8	125,359.8
Mississippi	101,257.8	101,257.8	101,257.8
Missouri	81,631.8	81,631.8	81,631.8
Montana	1,155,909.0	29,869.6	1,185,778.6
Nebraska	1,901.0	3,317.5	5,218.5
Nevada	254,073.0	10,064.9	264,137.9
New Hampshire	86.0	86.0	86.0
New Jersey	31,466.0	31,466.0	31,466.0
New Mexico	216,950.3	27,143.0	244,093.3
New York	22,516.3	22,516.3	22,516.3
North Carolina	357,866.8	357,866.8	357,866.8
North Dakota	10,454.5	60,755.7	71,210.2
Ohio	15.0	8,030.6	8,045.6
Oklahoma	2,119.8	2,119.8	2,119.8
Oregon	158,303.3	10,041.5	168,344.8
Pennsylvania	26,697.8	26,697.8	26,697.8
Rhode Island	4.6	4.6	4.6
South Carolina	6,112.1	6,112.1	6,112.1
South Dakota	74,608.0	267,273.8	341,881.8
Tennessee	257,694.0	257,694.0	257,694.0
Texas	999,938.9	999,938.9	999,938.9
Utah	819,148.1	87,738.8	906,886.9
Virginia	280,662.3	280,662.3	280,662.3
Washington	1,751,238.0	61,825.3	1,813,063.3
West Virginia	768.4	768.4	768.4
Wisconsin	36,104.6	36,104.6	36,104.6
Wyoming	2,343,783.9	64,876.1	2,408,660.0
Total National Park Service	61,547,222.6	6,716,663.5	68,263,886.1
Office of Water Research and Technology			
New Mexico	12.1	12.1	12.1
North Carolina	16.3	16.3	16.3
Total Office of Water Research and Technology		28.4	28.4
Total Department of Interior	500,301,336.7	15,947,561.1	516,248,897.8
Department of Justice			
Bureau of Prisons			
Alabama	160.4	160.4	160.4
Arizona	257.6	257.6	257.6
California	639.7	639.7	639.7
Colorado	320.0	320.0	320.0
Connecticut	286.4	286.4	286.4
Florida	412.4	412.4	412.4
Georgia	182.4	182.4	182.4
Illinois	921.0	921.0	921.0
Indiana	2,641.8	2,641.8	2,641.8
Kansas	486.8	13.5	500.3

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Bureau of Prisons—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Kentucky		473.8	473.8
Michigan		332.5	332.5
Minnesota		560.0	560.0
Missouri	809.6	507.8	1,317.4
New Jersey		188.2	188.2
New York		431.6	431.6
North Carolina		769.9	769.9
Ohio		1,498.0	1,498.0
Oklahoma	3,595.0		3,595.0
Pennsylvania		5,198.8	5,198.8
Tennessee		111.4	111.4
Texas		1,908.6	1,908.6
Virginia		1,140.7	1,140.7
Washington		4,409.4	4,409.4
West Virginia		510.6	510.6
Wisconsin		640.0	640.0
Total Bureau of Prisons	5,149.0	24,258.9	29,407.9
Immigration and Naturalization Service			
Arizona		6.6	6.6
California		49.6	49.6
Hawaii		3.1	3.1
Idaho		4.1	4.1
Maine		1.0	1.0
Michigan		11.3	11.3
Minnesota		12.5	12.5
Montana		30.8	30.8
New Hampshire		4.1	4.1
New Mexico		1.2	1.2
New York		2.7	2.7
North Dakota		7.9	7.9
Texas		426.1	426.1
Washington	5.0	41.6	46.6
Total Immigration and Naturalization Service	5.0	602.6	607.6
Total Department of Justice	5,154.0	24,861.5	30,015.5
Department of Labor			
Employment and Training Administration			
Arizona		8.8	8.8
Arkansas		2.0	2.0
California		209.5	209.5
District of Columbia		1.5	1.5
Florida		111.6	111.6
Georgia		125.0	125.0
Indiana		473.0	473.0
Iowa		40.0	40.0
Kentucky		866.0	866.0
Louisiana		4.0	4.0
Massachusetts		40.0	40.0
Michigan		55.9	55.9
Minnesota		8.3	8.3
Missouri		24.6	24.6
New Jersey		135.0	135.0
New Mexico		19.8	19.8
New York		381.9	381.9
Ohio		255.0	255.0
Oregon		800.7	800.7
Pennsylvania		1.0	1.0
South Carolina		28.0	28.0
Texas		960.6	960.6
Virginia		5.0	5.0
Total Employment and Training Administration		4,557.2	4,557.2
Mine Safety/Health Administration			
Oklahoma		2	2
West Virginia		74.1	74.1

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Mine Safety/Health Administration—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Total Mine Safety/Health Administration		74.3	74.3
Total Department of Labor		4,631.5	4,631.5
National Aeronautics and Space Administration			
Alaska	8,500.0	23.2	8,523.2
California		1,161.1	1,161.1
Florida	121.0	82,822.0	82,943.0
Louisiana		846.4	846.4
Maryland		554.3	554.3
Mississippi		20,642.2	20,642.2
New Mexico	4,198.0		4,198.0
Ohio		6,204.6	6,204.6
Texas		1,756.2	1,756.2
Virginia		7,063.4	7,063.4
Total National Aeronautics and Space Administration	12,819.0	121,073.4	133,892.4
National Science Foundation			
Arizona		4.2	4.2
Colorado		526.0	526.0
Texas		301.0	301.0
West Virginia		2,742.4	2,742.4
Total National Science Foundation		3,573.6	3,573.6
United States Postal Service			
Alabama		47.0	47.0
Alaska		13.0	13.0
Arizona		67.0	67.0
Arkansas		55.4	55.4
California		584.0	584.0
Colorado		66.0	66.0
Connecticut		80.3	80.3
Delaware		37.0	37.0
District of Columbia		11.4	11.4
Florida		326.8	326.8
Georgia		256.9	256.9
Hawaii		37.6	37.6
Idaho		9.9	9.9
Illinois		445.3	445.3
Indiana		125.2	125.2
Iowa		108.9	108.9
Kansas		135.4	135.4
Kentucky		96.4	96.4
Louisiana		87.6	87.6
Maine		27.1	27.1
Maryland		143.0	143.0
Massachusetts		213.2	213.2
Michigan		179.1	179.1
Minnesota		121.2	121.2
Mississippi		35.6	35.6
Missouri		160.5	160.5
Montana		36.3	36.3
Nebraska		27.2	27.2
Nevada		24.7	24.7
New Hampshire		17.2	17.2
New Jersey		237.4	237.4
New Mexico		29.5	29.5
New York		338.2	338.2
North Carolina		160.1	160.1
North Dakota		6.0	6.0
Ohio		238.6	238.6
Oklahoma		64.7	64.7
Oregon		64.2	64.2
Pennsylvania		353.7	353.7
Rhode Island		12.6	12.6
South Carolina		37.0	37.0
South Dakota		30.6	30.6
Tennessee		171.7	171.7
Texas		441.9	441.9

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
United States Postal Service—continued			
Utah		27.9	27.9
Vermont		8.8	8.8
Virginia		140.6	140.6
Washington		143.9	143.9
West Virginia		31.4	31.4
Wisconsin		72.8	72.8
Wyoming		11.4	11.4
Total United Postal Service		6,199.3	6,199.3
Department of State			
International Boundary and Water Commission, United States and Mexico			
Arizona	19.3	115.3	134.6
New Mexico	799.2	8,857.2	9,656.4
Texas		110,691.6	110,691.6
Total International Boundary and Water Commission, United States and Mexico	818.5	119,664.1	120,482.6
Total Department of State	818.5	119,664.1	120,482.6
Tennessee Valley Authority			
Alabama		215,439.8	215,439.8
Florida		226.7	226.7
Georgia		9,482.0	9,482.0
Illinois		39,068.8	39,068.8
Kentucky		159,413.5	159,413.5
Mississippi		10,546.1	10,546.1
North Carolina		21,828.5	21,828.5
South Dakota		183.4	183.4
Tennessee		531,086.4	531,086.4
Virginia		1,596.8	1,596.8
Total Tennessee Valley Authority		988,872.0	988,872.0
Department of Transportation			
Federal Aviation Administration			
Alabama		124.1	124.1
Alaska	28,554.8	148.0	28,702.8
Arizona	488.2	100.0	588.2
Arkansas		4.7	4.7
California	722.3	380.2	1,102.5
Colorado	489.5	391.1	880.6
Florida		760.2	760.2
Georgia		115.8	115.8
Hawaii		251.7	251.7
Idaho	732.0	8	732.8
Illinois		133.5	133.5
Indiana		6.0	6.0
Iowa		72.1	72.1
Kansas		11.9	11.9
Kentucky		39.9	39.9
Louisiana		87.9	87.9
Maine		91.4	91.4
Maryland		4	4
Massachusetts		320.8	320.8
Michigan		129.7	129.7
Minnesota		240.8	240.8
Mississippi		176.0	176.0
Missouri		358.5	358.5
Montana	160.0	23.8	183.8
Nebraska		331.8	331.8
Nevada	1,799.5	64.1	1,863.6
New Hampshire		65.7	65.7
New Jersey		5,356.4	5,356.4
New Mexico	264.9	146.9	411.8
New York		268.3	268.3
North Carolina		13.2	13.2
North Dakota		348.8	348.8

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Federal Aviation Administration—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ohio		57.0	57.0
Oklahoma		2.0	2.0
Oregon	825.0	34.7	859.7
Pennsylvania		193.1	193.1
South Carolina		2.1	2.1
South Dakota		244.2	244.2
Tennessee		20.5	20.5
Texas		398.8	398.8
Utah	553.0	19.1	572.1
Vermont		2	2
Virginia		11,888.1	11,888.1
Washington		129.1	129.1
Wisconsin		63.7	63.7
Wyoming	542.8	87.4	630.2
Total Federal Aviation Administration	35,132.0	23,704.5	58,836.5
Federal Highway Administration			
Virginia		68.8	68.8
Washington		4.6	4.6
Total Federal Highway Administration		73.4	73.4
Federal Railroad Administration			
Alaska	35,967.0	2,040.5	38,007.5
Total Federal Railroad Administration	35,967.0	2,040.5	38,007.5
Saint Lawrence Seaway			
New York		2,904.7	2,904.7
Total Saint Lawrence Seaway		2,904.7	2,904.7
Transportation System Center			
Massachusetts		14.0	14.0
Total Transportation System Center		14.0	14.0
United States Coast Guard			
Alabama	24.1	77.3	101.4
Alaska	67,055.9	1,697.6	68,753.5
Arkansas		4.8	4.8
California	1,169.6	3,029.7	4,199.3
Connecticut		137.8	137.8
Delaware		63.2	63.2
Florida	970.3	901.3	1,871.6
Georgia		30.8	30.8
Hawaii		1,614.3	1,614.3
Illinois		37.1	37.1
Indiana		16.5	16.5
Iowa		3.0	3.0
Kansas		2.5	2.5
Kentucky		7.7	7.7
Louisiana	167.3	2,426.1	2,593.4
Maine		601.4	601.4
Maryland		309.1	309.1
Massachusetts		564.8	564.8
Michigan	491.4	416.7	908.1
Minnesota	10.0	249.1	259.1
Mississippi		16.8	16.8
Missouri		7.1	7.1
New Hampshire		12.4	12.4
New Jersey		1,605.2	1,605.2
New York		590.9	590.9
North Carolina		1,264.7	1,264.7
North Dakota		4.2	4.2
Ohio	3.0	33.7	36.7
Oregon	55.9	164.7	220.6
Pennsylvania		4.4	4.4
Rhode Island		51.3	51.3
South Carolina		163.4	163.4
Tennessee		5.6	5.6

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
United States Coast Guard—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Texas		452.7	452.7
Vermont		7.3	7.3
Virginia		915.0	915.0
Washington	875.8	229.4	1,105.2
West Virginia		3.6	3.6
Wisconsin	340.3	58.9	399.2
Total United States Coast Guard	71,163.6	17,782.1	88,945.1
Treasury Department			
Bureau of Customs			
Maine		7.1	7.1
Minnesota		6.0	6.0
Montana		9.9	9.9
New Mexico		1.1	1.1
New York		2.3	2.3
North Dakota		36.8	36.8
Texas		3.7	3.7
Vermont		4.4	4.4
Virginia		282.0	282.0
Washington .....		.4	.4
Total Bureau of Customs		353.7	353.7
Bureau of Engraving and Printing			
District of Columbia		8.7	8.7
Total Bureau of Engraving and Printing		8.7	8.7
Federal Law Enforcement Training Center			
Georgia		1,525.6	1,525.6
Total Federal Law Enforcement Training Center		1,525.6	1,525.6
Bureau of the Mint			
California		3.9	3.9
Colorado		2.2	2.2
Kentucky		74.5	74.5
New York		4.7	4.7
Pennsylvania		5.4	5.4
Total Bureau of the Mint		90.7	90.7
Office of the Secretary			
District of Columbia		6.3	6.3
Total Office of the Secretary		6.3	6.3
Secret Service			
Maryland		490.3	490.3
Total Secret Service		490.3	490.3
Total Treasury Department		2,475.3	2,475.3
International Communication Agency			
California		1,760.8	1,760.8
North Carolina		6,181.1	6,181.1
Ohio		760.0	760.0
Total International Communication Agency		8,701.9	8,701.9
Veterans' Administration			
Alabama		366.2	266.2
Alaska	1.4		1.4
Arizona		305.0	305.0
Arkansas		272.0	272.0
California		2,267.6	2,267.6
Colorado	618.2	249.3	867.5

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Veterans Administration—continued			
	Acres	Acres	Acres
Connecticut		86.5	86.5
Delaware		30.6	30.6
District of Columbia		34.5	34.5
Florida		504.0	504.0
Georgia		378.4	378.4
Hawaii		116.7	116.7
Idaho	67.3		67.3
Illinois		887.0	887.0
Indiana		272.7	272.7
Iowa		244.9	244.9
Kansas .....	.3	556.4	556.7
Kentucky		259.3	259.3
Louisiana		227.0	227.0
Maine		507.6	507.6
Maryland		670.7	670.7
Massachusetts		1,224.1	1,224.1
Michigan		747.5	747.5
Minnesota		813.2	813.2
Mississippi		290.7	290.7
Missouri		570.6	570.6
Montana		149.4	149.4
Nebraska	20.0	123.1	143.1
Nevada		12.5	12.5
New Hampshire		32.0	32.0
New Jersey		570.5	570.5
New Mexico		132.8	132.8
New York		2,568.7	2,568.7
North Carolina		313.2	313.2
North Dakota		59.3	59.3
Ohio		896.0	896.0
Oklahoma		56.8	56.8
Oregon		620.5	620.5
Pennsylvania		1,470.3	1,470.3
Rhode Island		40.4	40.4
South Carolina		147.2	147.2
South Dakota	358.1	119.8	477.9
Tennessee		921.6	921.6
Texas		1,333.6	1,333.6
Utah	120.6		120.6
Vermont		64.1	64.1
Virginia		1,297.1	1,297.1
Washington	118.4	150.3	268.7
West Virginia		337.4	337.4
Wisconsin	2.0	441.6	443.6
Wyoming	295.8	51.6	347.4
Total Veterans Administration	1,602.1	23,792.3	25,394.4
Total Civil Agencies	661,683,447.7	45,644,549.2	707,327,996.9
DEFENSE AGENCIES			
Department of the Air Force			
Alabama		3,348.0	3,348.0
Alaska	108,910.0	5,700.0	114,610.0
Arizona	2,573,973.0	14,511.0	2,588,484.0
Arkansas		9,392.0	9,392.0
California	89,517.0	378,993.0	468,510.0
Colorado		29,173.0	29,173.0
Connecticut		21.0	21.0
Delaware		2,859.0	2,859.0
District of Columbia		606.0	606.0
Florida	137,464.0	489,266.0	626,730.0
Georgia		11,775.0	11,775.0
Hawaii		5,350.0	5,350.0
Idaho	110,041.0	2,253.0	112,294.0
Illinois		4,990.0	4,990.0
Indiana		2,723.0	2,723.0
Iowa		1.0	1.0
Kansas		37,578.0	37,578.0
Louisiana		24,887.0	24,887.0

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
Department of the Air Force—continued	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine		10,515.0	10,515.0
Maryland		6,950.0	6,950.0
Massachusetts		5,540.0	5,540.0
Michigan	160.0	8,844.0	9,004.0
Minnesota		1,146.0	1,146.0
Mississippi		5,973.0	5,973.0
Missouri		6,686.0	6,686.0
Montana	100.0	4,477.0	4,577.0
Nebraska		3,727.0	3,727.0
Nevada	2,891,815.0	4,942.0	2,896,757.0
New Hampshire		7,138.0	7,138.0
New Jersey		3,535.0	3,535.0
New Mexico	109,385.0	56,574.0	165,959.0
New York		11,516.0	11,516.0
North Carolina		3,359.0	3,359.0
North Dakota		12,286.0	12,286.0
Ohio		12,515.0	12,515.0
Oklahoma		9,493.0	9,493.0
Oregon	288.0	231.0	519.0
Pennsylvania		174.0	174.0
Rhode Island		36.0	36.0
South Carolina		14,659.0	14,659.0
South Dakota	584.0	7,735.0	8,319.0
Tennessee		39,080.0	39,080.0
Texas		60,796.0	60,796.0
Utah	897,402.0	16,071.0	913,473.0
Vermont		167.0	167.0
Virginia		3,448.0	3,448.0
Washington		9,289.0	9,289.0
Wisconsin		179.0	179.0
Wyoming	3,912.0	2,179.0	6,091.0
Total Department of the Air Force	6,923,551.0	1,352,686.0	8,276,237.0
Department of the Army			
Alabama	1,160.0	166,132.0	167,292.0
Alaska	1,667,017.0	5,973.0	1,672,990.0
Arizona	930,494.0	61,014.0	991,508.0
Arkansas	320.0	85,195.0	85,515.0
California	725,565.0	276,228.0	1,001,793.0
Colorado	3,133.0	176,110.0	179,243.0
Connecticut		314.0	314.0
Delaware		437.0	437.0
District of Columbia		242.0	242.0
Florida	13.0	1,636.0	1,649.0
Georgia		522,287.0	522,287.0
Hawaii		106,963.0	106,963.0
Idaho		11.0	11.0
Illinois		43,050.0	43,050.0
Indiana		109,929.0	109,929.0
Iowa		19,294.0	19,294.0
Kansas	24,598.0	101,564.0	126,162.0
Kentucky		161,196.0	161,196.0
Louisiana		115,002.0	115,002.0
Maine		1,034.0	1,034.0
Maryland		95,800.0	95,800.0
Massachusetts		12,966.0	12,966.0
Michigan		10,152.0	10,152.0
Minnesota		2,521.0	2,521.0
Mississippi	35.0	1,388.0	1,423.0
Missouri		63,070.0	63,070.0
Montana	34.0	6,505.0	6,539.0
Nebraska		18,111.0	18,111.0
Nevada	150,663.0	4,603.0	155,266.0
New Hampshire		121.0	121.0
New Jersey		39,606.0	39,606.0
New Mexico	2,199,506.0	220,124.0	2,419,630.0
New York		136,149.0	136,149.0
North Carolina		148,725.0	148,725.0
North Dakota		900.0	900.0
Ohio		23,351.0	23,351.0
Oklahoma	51,230.0	121,237.0	172,467.0

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of the Army—continued			
Oregon	8,280.0	9,363.0	17,643.0
Pennsylvania		25,072.0	25,072.0
Rhode Island		173.0	173.0
South Carolina		53,240.0	53,240.0
South Dakota		13.0	13.0
Tennessee		107,401.0	107,401.0
Texas		379,177.0	379,177.0
Utah	816,394.0	48,690.0	865,084.0
Vermont		11,996.0	11,996.0
Virginia		157,613.0	157,613.0
Washington	27,677.0	323,039.0	350,716.0
West Virginia		122.0	122.0
Wisconsin	551.0	66,902.0	67,453.0
Wyoming	9,464.0		9,464.0
Total Department of the Army	6,616,134.0	4,041,741.0	10,657,875.0
Department of the Navy			
Alabama		10.5	10.5
Alaska	65,988.0		65,988.0
Arizona	10.0	2,445.2	2,455.2
California	1,753,959.8	618,542.8	2,372,502.6
Connecticut		1,169.2	1,169.2
Delaware		385.2	385.2
District of Columbia		1,025.5	1,025.5
Florida	16,878.2	54,221.6	71,099.8
Georgia		12,605.8	12,605.8
Hawaii	42,433.4	19,167.8	61,601.2
Illinois		2,953.0	2,953.0
Indiana		62,662.2	62,662.2
Iowa		13.9	13.9
Kansas		17.2	17.2
Kentucky		124.1	124.1
Louisiana		4,185.4	4,185.4
Maine		7,258.4	7,258.4
Maryland		17,458.1	17,458.1
Massachusetts		3,332.2	3,332.2
Michigan		34.7	34.7
Minnesota		110.8	110.8
Mississippi		12,046.4	12,046.4
Missouri		10.3	10.3
Nebraska		7.0	7.0
Nevada	59,538.2	4,115.5	63,653.7
New Hampshire		17.9	17.9
New Jersey		18,634.9	18,634.9
New Mexico		1.0	1.0
New York		6,753.6	6,753.6
North Carolina		112,988.3	112,988.3
Ohio		442.3	442.3
Oklahoma		11.0	11.0
Oregon		154.9	154.9
Pennsylvania		4,542.4	4,542.4
Rhode Island		6,941.5	6,941.5
South Carolina		33,384.8	33,384.8
Tennessee		3,570.5	3,570.5
Texas		21,209.9	21,209.9
Utah		517.9	517.9
Vermont		1.5	1.5
Virginia		113,810.3	113,810.3
Washington	37,320.3	35,602.7	72,923.0
West Virginia		6.0	6.0
Wyoming .....		.2	.2
Total Department of the Navy	1,976,127.9	1,182,494.4	3,158,622.3
Corps of Engineers			
Alabama	133.5	77,158.8	77,292.3
Alaska	54,326.7	15,814.0	70,140.7
Arizona	24,654.1	9,878.0	34,532.1
Arkansas	26,396.1	547,577.2	573,973.3
California	15,563.1	112,444.0	128,007.1
Colorado	182.9	38,079.1	38,262.0

TABLE 9.—*Federally owned land, by agency as of fiscal year 1979—continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Corps of Engineers—continued			
Connecticut	7,021.4	7,021.4	7,021.4
Delaware	13,083.7	13,083.7	13,083.7
District of Columbia	320.1	320.1	320.1
Florida	86.1	26,307.6	26,393.7
Georgia	360,271.4	360,271.4	360,271.4
Hawaii	25.7	25.7	25.7
Idaho	25,214.7	37,336.0	62,550.7
Illinois	190,609.2	190,609.2	190,609.2
Indiana	118,125.1	118,125.1	118,125.1
Iowa	7.1	179,030.9	179,038.0
Kansas	343,228.4	343,228.4	343,228.4
Kentucky	358,494.7	358,494.7	358,494.7
Louisiana	7,100.4	85,560.8	92,661.2
Maine	9.1	9.1	9.1
Maryland	7,678.4	7,678.4	7,678.4
Massachusetts	17,867.3	17,867.3	17,867.3
Michigan	207.0	2,494.0	2,701.0
Minnesota	11,742.7	24,062.0	35,804.7
Mississippi	333,930.8	333,930.8	333,930.8
Missouri	74.7	536,749.6	536,824.3
Montana	421,428.9	173,241.0	594,669.9
Nebraska	9.6	58,967.3	58,976.9
Nevada	466.0	205.0	671.0
New Hampshire	18,508.6	18,508.6	18,508.6
New Jersey	15,674.6	15,674.6	15,674.6
New Mexico	4,785.3	22,967.6	27,752.9
New York	13,288.4	13,288.4	13,288.4
North Carolina	112,777.8	112,777.8	112,777.8
North Dakota	10,242.0	548,597.7	558,839.7
Ohio	103,295.5	103,295.5	103,295.5
Oklahoma	934.3	912,057.9	912,992.2
Oregon	36,718.4	73,907.0	110,625.4
Pennsylvania	109,707.7	109,707.7	109,707.7
Rhode Island	1.4	1.4	1.4
South Carolina	118,668.5	118,668.5	118,668.5
South Dakota	9,856.0	510,118.8	519,974.8
Tennessee	234,422.7	234,422.7	234,422.7
Texas	724,086.4	724,086.4	724,086.4
Vermont	6,080.8	6,080.8	6,080.8
Virginia	115,121.9	115,121.9	115,121.9
Washington	8,854.8	94,836.9	103,691.7
West Virginia	125,809.6	125,809.6	125,809.6
Wisconsin	39,998.7	39,998.7	39,998.7
Total Corps of Engineers	658,984.4	7,575,499.1	8,234,483.5
Total Department of Defense	16,174,797.3	14,152,420.5	30,327,217.8
Grand Total	677,858,245.0	59,796,969.7	737,655,214.7

TABLE 10.—Public lands under exclusive jurisdiction of the Bureau of Land Management, fiscal year 1979

State	Vacant public lands ¹			Reserved lands ²		Unperfected entries pending ⁴	Grand Total
	Outside grazing districts	Within grazing districts	Total	LU ³	Other		
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Alabama	3,257		3,257				3,257
Alaska							
Arizona	1,650,274	9,917,906	11,568,180	37,072	58,728,595	163,505,881	222,234,476
Arkansas	1,589		1,589		983,169	480	12,588,901
California	12,288,716	2,440,047	14,728,763		1,868,722	640	16,598,125
Colorado	521,493	5,599,684	6,121,177	36,584	1,836,174		7,993,935
Florida	1,189		1,189				1,189
Idaho	457,137	11,036,370	11,493,507	72,276	361,576	18,529	11,945,888
Illinois	29		29				29
Kansas	728		728				728
Louisiana	7,206		7,206				7,206
Michigan	936		936				936
Minnesota	25,603		25,603		17,953		43,556
Mississippi	639		639				639
Missouri	200		200				200
Montana	1,162,070	4,981,097	6,143,167	1,868,711	129,742		8,141,620
Nebraska	9,432		9,432				9,432
Nevada	3,835,666	44,340,572	48,176,238	3,127	656,336	8,944	48,844,645
New Mexico	1,365,886	10,858,188	12,224,074	227,006	388,701		12,839,781
North Dakota	67,961		67,961		181		68,142
Ohio	120		120				120
Oklahoma	5,543		5,543		1,445		6,988
Oregon	551,171	12,496,757	13,047,928	80,176	2,612,874	40	15,741,018
South Dakota	276,086		276,086		302		276,388
Utah		20,374,546	20,374,546	16,610	1,661,408		22,052,564
Washington	308,503		308,503		2,616	38	311,157
Wisconsin	262		262				262
Wyoming	3,072,690	11,060,522	14,133,212	10,434	3,649,452		17,793,098
Total	25,614,386	133,105,689	158,720,075	2,351,996	72,899,246	163,534,552	397,505,869

¹The following types of surveyed and unsurveyed public and ceded Indian lands are included: Areas withdrawn under the Executive Orders of November 26, 1934, and February 5, 1935 (43 CFR 2400.0-3 et seq.); areas embraced in mineral withdrawals and classifications; areas withdrawn for resurvey; and areas restored to entry within national forests (Act of June 11, 1906, 34 Stat. 233, 16 U.S.C. 506-509), within reclamation projects (Act of June 17, 1902, 32 Stat. 388), and within power site reserves (Act of June 10, 1920, 41 Stat. 1063; 16 U.S.C. 791). These lands are not covered by any non-Federal right or claim other than permits, leases, rights-of-way, and unreported mining claims.

²Data are incomplete.

³"Land Utilization Project" lands purchased by Federal government under Title III of the Bankhead-Jones Farm Tenant Act, and subsequently transferred from jurisdiction of the U.S. Department of Agriculture to the U.S. Department of the Interior and now administered by the Bureau of Land Management.

⁴Excludes reclamation and forest homesteads.

⁵The Presidential proclamation of December 1, 1978, transferred from Bureau of Land Management administration 40,780,000 acres to National Park Service and 11,800,000 acres to Fish and Wildlife Service.

⁶Includes 2,072,157 acres of O&C lands and 74,547 acres of Coos Bay Wagon Road lands.

TABLE 11.—Area of National Forests, fiscal year 1979

State or possession	Public lands	Acquired lands	Total
	Acres	Acres	Acres
Alabama	24,948	618,127	643,075
Alaska	20,159,678	316	20,159,994
Arizona	11,266,270	3,916	11,270,186
Arkansas	1,034,937	1,438,270	2,471,207
California	19,935,654	407,671	20,343,325
Colorado	13,760,234	654,955	14,415,189
Connecticut		10	10
Florida	162,592	931,693	1,094,285
Georgia		859,968	859,968
Hawaii		1	1
Idaho	19,979,094	443,997	20,423,091
Illinois	343	258,258	258,601
Indiana	432	183,449	183,881
Kansas	280	107,420	107,700
Kentucky		665,522	665,522
Louisiana		597,401	597,639
Maine	238	51,701	51,701
Michigan	280,404	2,435,552	2,715,956
Minnesota	1,110,168	1,684,617	2,794,985
Mississippi	1,603	1,138,507	1,140,110
Missouri	1,563	1,458,777	1,460,340
Montana	16,676,071	74,585	16,750,656
Nebraska	216,317	135,182	351,499
Nevada	5,072,936	70,955	5,143,891
New Hampshire		694,169	694,169
New Mexico	8,666,286	577,327	9,243,613
New York		13,232	13,232
North Carolina		1,158,936	1,158,936
North Dakota	106,575	998,970	1,105,545
Ohio		173,478	173,478
Oklahoma	623	292,220	292,843
Oregon	14,675,857	934,644	15,610,501
Pennsylvania		508,695	508,695
South Carolina		608,132	608,132
South Dakota	1,214,274	780,803	1,995,077
Tennessee		621,204	621,204
Texas		781,923	781,923
Utah	7,800,100	246,081	8,046,181
Vermont		271,465	271,465
Virginia		1,612,091	1,612,091
Washington	8,800,339	266,841	9,067,180
West Virginia		965,750	965,750
Wisconsin	8,234	1,488,699	1,496,933
Wyoming	8,870,903	382,184	9,253,087
Total	159,826,953	27,595,894	187,422,847
Puerto Rico	12,384	15,462	27,846
Virgin Islands		147	147
Grand Total	159,839,337	27,611,503	187,450,840

Note.—Includes purchase units, national grasslands, land utilization projects, experimental areas, and other areas.

Source: Forest Service, U.S. Department of Agriculture.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Land Disposition and Use

Under the nonmineral public land laws, the Bureau of Land Management administers some 404 million acres of Federally-owned lands. In so doing, the Bureau issued 893 patents during fiscal year 1979 which transferred 616,346 acres of public lands from Federal ownership (Table 15). There were also 1,038 original entries and selections covering 18,649,424 acres and 287 final entries covering 277,214 acres (Tables 13 and 14). Patents or certificates were issued for 13 homesteads which involved 1,213 acres (Table 15). The total of other patents and certifications was 879 and these covered 614,973 acres (Table 16).

As of the close of fiscal year 1979, there were 63,906,799 acres of patented lands on which the minerals were reserved to the United States. A total of 451,108 acres was patented with minerals reserved to the United States during the year (Table 17).

The Bureau of Land Management allowed homestead entries on 5 acres (Table 13) during fiscal year 1979, and 1,213 acres of homesteads were patented during the same period (Table 15).

During fiscal year 1979, 31,620 acres of Federal lands were exchanged for 38,551 acres of State or private land (Table 26).

During the same period, 110,069,402 acres were withdrawn from all forms of entry, while withdrawals were revoked on 299,133 acres (Table 27).

At the close of fiscal year 1979, there were 97 small tract leases covering 520 acres in effect. The annual rental paid to the Bureau for these leases was \$42,370; 10 of these leases covering 247 acres were issued during the year; 1 small tract covering 3 acres was sold in the same period (Table 31).

Special land-use permits covering 920,099 acres were in effect as of the close of fiscal year 1979. Rentals of \$125,675 were charged for 152,147 of these acres (Table 32).

There were 1,207 miscellaneous leases in effect at the end of the fiscal year covering 115,193 acres. The annual rental for these leases was \$259,053 (Table 33).

At the close of fiscal year 1979 there were 5,818 unperfected entries pending, involving 748,546 acres (Table 23).

TABLE 12.—*Original entries and selections allowed and final entries approved, fiscal year 1979*

State	Original entries and selections		Final entries	
	Number	Acres	Number	Acres
Alabama			1	40.15
Alaska:				
Anchorage	957	18,637,666	105	140,976.49
Fairbanks	45	5,860	16	115,071.07
Arizona	5	1,214	11	2,710.45
California	22	2,298	13	636.72
Colorado			5	525.00
Idaho	4	1,685	36	3,615.00
Louisiana			1	10.18
Montana	1	449	2	472.20
Nevada	2	83	91	12,964.59
New Mexico			1	0.42
Oregon			2	40.00
South Dakota			1	0.38
Washington	1	38	1	21.00
Wyoming	1	131	1	130.56
Total	1,038	18,649,424	287	277,214.21

TABLE 13.—*Original entries and selections allowed, fiscal year 1979*

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Homestead entries				
Alaska:				
Anchorage	1	5		
Railroad selections				
California	3	464	\$5,030.00	
Desert land entries				
Idaho			1,260.00	
Wyoming	1	131		\$49.50
Total desert land entries	1	131	1,260.00	49.50
Mineral applications				
Alaska:				
Fairbanks	2	360		
Arizona	5	1,214	125.00	
California	19	1,834	460.00	5,432.50
Idaho	4	1,685	100.00	
Montana	1	449	25.00	2,250.00
Nevada	2	83	50.00	415.00
Washington	1	38		
Total mineral applications	34	5,663	760.00	8,097.50
State selections				
Alaska:				
Anchorage	878	18,592,845		
Other entries				
Alaska:				
Anchorage	78	44,816	250.00	
Fairbanks	43	5,500		
Total other entries	121	50,316	250.00	
Grand Total	1,038	18,649,424	7,300.00	8,147.00

¹Filing fee on 84 new desert land applications.

²Includes 35 native allotments, 4,900 acres; 23 homesites and headquarters sites, 115 acres; 18 regional selections, 39,641 acres; 2 trade and manufacturing sites, 160 acres.

³Includes 38 native allotments, 5,166 acres; 3 regional selections, 323 acres; 2 entries under Public Land Order 1613, dated April 7, 1958, 11 acres.

TABLE 14.—*Final entries approved, fiscal year 1979*

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Homestead entries				
Alaska:				
Anchorage	9	800.3	.....	.....
Fairbanks	2	200.0	.....	\$250.00
Idaho	1	53.0	.....	.....
Total homestead entries	12	1,053.3	.....	250.00
Desert land entries				
Idaho	10	2,870.0	.....	2,870.00
Wyoming	1	130.6	.....	49.50
Total desert land entries	11	3,000.6	.....	2,919.50
Public auction sales				
Idaho	17	407.0	.....	52,170.00
Louisiana	1	10.2	\$15.00	2,610.00
Nevada	64	1,221.6	1,675.40	6,425,669.10
Total public auction sales	82	1,638.8	1,690.40	6,480,449.10
Mineral entries				
Arizona	8	2,655.4	.....	11,562.50
California	10	629.2	.....	1,735.00
Colorado	2	486.0	9,278.59	87.50
Idaho	1	14.0	.....	.....
Montana	1	449.1	25.00	2,250.00
Nevada	2	122.0	50.00	460.00
Oregon	2	40.0	.....	100.00
Washington	1	21.0	.....	105.00
Total mineral entries	27	4,416.7	9,353.59	16,300.00
Indian selections				
Alaska:				
Anchorage	9	1,081.3	.....	.....
Nevada	18	3,619.9	.....	.....
Total Indian selections	27	4,701.2	.....	.....
Color-of-title-entries				
Alabama	1	40.2	10.00	1,000.00
California	1	1.0	10.00	150.00
Idaho	7	271.0	.....	14,140.80
New Mexico	1	0.4	.....	1.25
Total color-of-title-entries	10	312.6	20.00	15,292.05
Recreational and public purposes act sales				
Arizona	2	50.0	.....	.....
Montana	1	23.1	10.00	.....
Nevada	5	139.5	50.00	27,712.50
Total recreational and public purposes act sales	8	212.6	60.00	27,712.50
Small tract sales				
Alaska:				
Anchorage	1	2.5	.....	.....
Other cash sales				
Alaska:				
Anchorage	145	406.4	.....	.....
Fairbanks	211	153.1	.....	407.90
California	32	6.5	20.00	275.00
Colorado	3	39.0	142.50	60,750.00
South Dakota	51	0.4	.....	1,650.00
Total other cash sales	62	605.4	162.50	63,082.90
State selections				
Alaska:				
Anchorage	3	23,668.8	.....	.....
Fairbanks	1	114,398.0	.....	.....
Total state selections	4	138,066.8	.....	.....

TABLE 14.—*Final entries approved, fiscal year 1979—continued*

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Other entries				
Alaska:				
Anchorage	^{#38}	115,017.2	.....	.....
Fairbanks	^{#2}	320.0	.....	.....
Arizona	^{#1}	5.0	.....	.....
Nevada	^{#2}	7,861.5	.....	48,050.78
Total other entries	43	123,203.7	.....	48,050.78
Grand Total	287	277,214.2	11,286.49	6,654,056.83

¹Includes 37 homesites and headquarters sites, 181.79 acres; 8 trade and manufacturing sites, 224.61 acres.

²Includes 7 homesites and headquarters sites, 24.96 acres; 4 trade and manufacturing sites, 128.15 acres.

³Mining Claim Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁴Unintentional Trespass Sale Act of September 26, 1968.

⁵Noncompetitive cash sale under the Act of October 1, 1976 (43-U.S.C. 1717).

⁶Village selections.

⁷Native allotments.

⁸Soldier's Additional Homestead Act.

¹1 entry under the Act of June 14, 1926 (44 Stat. 741), as amended by the Act of May 12, 1978 (92 Stat. 237), 7,781.51 acres; 1 entry under the Act of April 24, 1978 (92 Stat. 203), 80.00 acres.

TABLE 15.—*Patents issued, fiscal year 1979*

State	Homestead		Desert land		Public auction		Mineral	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama								
Alaska	12	1,160.3					2	155.4
Arizona							7	2,652.7
Arkansas								
California							10	629.2
Colorado							2	486.0
Florida								
Idaho	1	53.0	10	2,870.0	17	407.0	1	14.0
Illinois								
Indiana								
Kansas								
Louisiana					1	10.2		
Michigan								
Minnesota								
Mississippi								
Missouri								
Montana							1	449.1
Nebraska								
Nevada					64	1,221.6	2	122.0
New Mexico							9	1,502.0
North Dakota								
Oklahoma								
Oregon							1	37.6
South Dakota								
Utah								
Washington					1	4.3		
Wisconsin								
Wyoming			1	130.6	3	117.1	7	3,267.0
Total	13	1,213.3	11	3,000.6	86	1,760.2	42	9,315.0

TABLE 15.—*Patents issued, fiscal year 1979—continued*

State	Indian				Miscellaneous cash sales									
	New trust		Fee and reissue trust		Townlot		Color-of-title		Small tract		Recreation and public purposes		Other	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama							1	40.2						
Alaska									1	2.5				
Arizona											1	2.3	50	2508.8
Arkansas												40.0		
California	2	255.1	13	875.6			1	1.0					32	6.5
Colorado													43	39.00
Florida														
Idaho			14	1,294.0			7	271.0						
Illinois														
Indiana														
Kansas			1	40.0										
Louisiana														
Michigan														
Minnesota			1	80.0										
Mississippi														
Missouri														
Montana	5	1,160.0	161	31,298.0							1	23.1		
Nebraska			1	40.0										
Nevada			18	3,619.9							5	139.5	2	7,861.5
New Mexico			2	240.0			1	0.4						
North Dakota			6	652.5										
Oklahoma			72	5,370.8										
Oregon	34	858.4	1	160.0										
South Dakota	12	2,976.0	40	9,342.3									61	0.4
Utah			29	37.8									47	410.9
Washington	1	80.0	69	6,340.2									71	22.8
Wisconsin			2	132.7										
Wyoming			6	258.0	1	7.3					1	0.8		
Total	54	5,329.5	436	59,781.8	1	7.3	10	312.6	1	2.5	9	205.7	66	8,849.9

TABLE 15.—*Patents issued, fiscal year 1979—continued*

State	Exchange		State grants		Curative & supplemental		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama					20	2,071.7			21	40.2
Alaska			104	138,066.8			153	416,221.7	123	556,117.8
Arizona	7	4,749.3			2	47.3	1	5.0	18	7,447.0
Arkansas					2	320.0			2	
California	12	8,960.7					121	160.0	41	10,012.5
Colorado	3	298.0							8	823.0
Florida	1	40.0							1	40.0
Idaho	3	2,057.0					121	499.0	54	6,171.0
Illinois					5	479.0			5	
Indiana					5	580.0			5	
Kansas									1	
Louisiana									1	10.2
Michigan					1	80.0			1	
Minnesota					2	478.1			3	
Mississippi					6	2,787.5			6	
Missouri					4	400.0			4	
Montana	6	4,915.6							174	6,547.8
Nebraska					1	119.3			2	
Nevada	1	679.9							92	10,024.5
New Mexico	6	5,709.6							18	7,212.0
North Dakota					1	320.0			7	
Oklahoma									106	858.4
Oregon	4	984.4							6	1,022.0
South Dakota					6	747.5			59	2,976.4
Utah	2	2,801.8			1	209.8			39	3,212.7
Washington	2	200.7							74	307.8
Wisconsin					1	80.0			3	
Wyoming									19	3,522.8
Total	47	31,397.0	4	138,066.8	57	8,720.2	56	416,885.7	893	1,361,346.1

¹Includes 511 millsites, 2,263.6 acres: 417 millsites in Arizona, 1,971.7 acres; 1 millsite in California, 40 acres; 1 millsite in Montana, 4.9 acres; 92 millsites in Wyoming, 247 acres.

²Includes 11 trade and manufacturing sites, 317.0 acres; 39 headquarters sites and homesites, 191.8 acres, under the Act of May 14, 1898 (30 Stat. 413), as amended and supplemented (43 U.S.C. 687a (1976)).

³Mining Claim Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁴Unintentional trespass sale.

⁵Fractional interest.

⁶Noncompetitive sale under the Act of October 21, 1976 (90 Stat. 2743).

⁷Wallula townsite.

⁸Acres not included in total, previously reported as patented.

⁹Includes 7 patents, 202.6 acres, issued under the Special Pricing Schedule, Recreation and Public Purposes Act of June 14, 1926 (44 Stat. 741): 1 patent in Arizona, 40.0 acres; 1 patent in Montana, 23.1 acres; 5 patents in Nevada, 139.5 acres.

¹⁰General purpose grants under the Statehood Act of July 7, 1958 (72 Stat. 339), as amended.

¹¹10 native allotments, 1,241.3 acres, under the Act of May 17, 1906 (34 Stat. 197); 43 entries, 414,980.4 acres, under the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601).

¹²Railroad selections.

¹³This total does not include 59,781.8 acres in Indian fee and reissue trust, and 8,720.2 acres in curative and supplemental patents, a total of 68,502.0 acres.

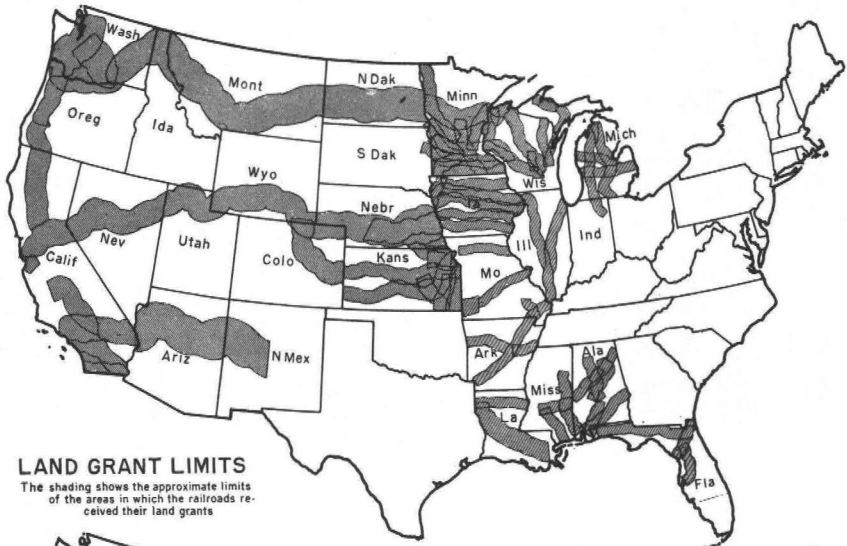
TABLE 16.—Original entries and selections allowed, final entries approved, and patents and certifications issued, fiscal year 1979

Type of entry, selection, patent or certification	Original entries and selections allowed		Final entries approved		Patents and certifications issued	
	Number	Acres	Number	Acres	Number	Acres
Homestead entries:						
Reclamation	1	5	11	53	12	53
Sec. 2289, R.S. et al				1,000		1,160
Commuted						
Total homestead entries	1	5	12	1,053	13	1,213
Other entries and selections:						
Desert land entries	1	131	11	3,001	11	3,001
Public auction sales			82	1,639	86	1,760
Mineral entries	34	5,663	27	4,417	42	9,315
Indian selections			27	4,701	490	5,330
Miscellaneous cash-sale entries			81	1,133	87	9,378
Exchanges					47	31,397
State selections	878	18,592,845	4	138,067	4	138,067
Curative and supplemental patents					57	(²)
Railroad selections	3	464			1	160
Other	121	50,316	43	123,203	55	416,725
Total other entries and selections	1,037	18,649,419	275	276,161	880	615,133
Grand Total	1,038	18,649,424	287	277,214	893	616,346

¹Does not include 59,782 acres previously reported as patented.

²8,720 acres previously reported as patented.

FEDERAL LAND GRANTS FOR RAILROADS



LAND GRANT LIMITS

The shading shows the approximate limits of the areas in which the railroads received their land grants



ACREAGE GRANTED

The shaded areas are in proportion to the acreage received by the railroads. They do not show the exact location of the granted lands, which in general formed a checkerboard pattern

TABLE 17.—*Patents issued with minerals reserved to the United States, through fiscal year 1979*

State	Type of mineral reservation						Total
	All minerals	Coal	Oil and gas	Phosphate	Oil and gas plus other minerals	Miscellaneous minerals and combinations	
Through 1948	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Alaska	6,501	10,823	1,095	.....	.....	773	19,192
Alabama	4,412	63,586	9,563	.....	.....	2,889	80,450
Arizona	2,547,517	4,403	27,497	.....	.....	101,880	2,681,297
Arkansas	1,107	1,520	15,043	85	40	.....	17,795
California	2,352,070	3,005	156,783	.....	23	1,864	2,513,745
Colorado	4,271,042	1,348,288	215,423	.....	38,494	.....	5,873,247
Florida	1,154	.....	2,304	71,259	520	.....	75,237
Idaho	1,291,163	11,749	4,940	270,036	216,060	.....	1,793,948
Illinois	634	120	.....	.....	.....	.....	754
Iowa	359	.....	.....	.....	.....	.....	359
Kansas	54,384	.....	1,421	.....	.....	.....	55,805
Louisiana	1,223	.....	17,105	.....	3,844	.....	22,172
Michigan	1,935	.....	3,261	.....	.....	.....	5,196
Minnesota	235	.....	.....	8	.....	.....	243
Mississippi	974	.....	10,231	.....	.....	.....	11,205
Missouri	166	.....	.....	.....	.....	.....	166
Montana	3,993,640	6,658,554	987,472	11,290	17,788	150	11,668,894
Nebraska	72,964	.....	3,253	.....	.....	.....	76,217
Nevada	242,717	960	1,119	.....	80	40	244,916
New Mexico	6,378,118	614,779	112,995	680	70,673	2,092,091	9,269,336
North Dakota	134,578	4,636,851	11,915	.....	1,164	40	4,784,548
Ohio	38	.....	.....	.....	.....	744	782
Oklahoma	48,781	.....	10,917	.....	.....	.....	59,698
Oregon	1,639,742	5,598	14,369	.....	480	.....	1,660,189
South Dakota	1,565,802	187,722	6,328	.....	.....	.....	1,759,852
Utah	856,083	215,528	98,922	21,576	8,157	1,680	1,201,946
Washington	262,444	14,535	2,518	.....	384	400	280,281
Wisconsin	1,546	.....	.....	.....	.....	.....	1,546
Wyoming	9,541,179	2,297,363	376,906	32,037	17,341	257	12,265,083
Total through 1948	35,272,508	16,075,384	2,091,380	406,971	378,710	2,199,146	56,424,099
Fiscal period							
1949-1950	363,466	24,868	18,287	1,138	7,662	4,235	419,656
1951-1960	1,258,347	64,204	650,841	5,075	109,323	36,586	2,124,376
1961-1970	2,103,335	44,578	893,114	559	498,973	30,663	3,571,222
1971	111,375	3,398	36,633	160	14,058	6,605	172,229
1972	92,492	1,516	32,106	100	31,057	3,810	161,081
1973	127,587	1,921	34,703	80	35,863	2,845	202,999

1974	71,313	1,996	20,971	28,042	4,825	127,147
1975	49,579	49	21,170	5,641	4,506	80,945
1976	19,815	302	15,629	7,365	4,028	47,139
July 1-Sept. 30, 1976 Transition period	2,458		4,236	1,728	20	8,442
1977	20,885		7,887	51,177	18,302	98,251
1978	8,844	157	4,731	3,731	642	18,105
1979	1439,520		5,086	5,574	928	451,108
Grand Total	39,941,524	16,218,373	3,836,774	414,083	1,178,904	63,906,799

¹Includes 2,589.18 acres in Oklahoma; 1,201.44 acres reserved to the United States in trust, and 1,387.33 acres 1/2 undivided interest in all minerals reserved to the United States in trust.

Note.—Data prior to 1949 tabulated from incomplete records.

**TABLE 18.—Patents issued with minerals reserved to the United States,
fiscal year 1979**

Type of mineral reservation	Acres
Reservation of all minerals	1439,520.0
Reservation of:	
Coal and oil	520.0
Coal, oil and gas	569.6
Coal, oil, gas and other minerals	3,538.0
Geothermal steam	737.9
Geothermal steam and other minerals	190.0
Oil and gas	5,086.3
Oil, gas, and geothermal steam	946.0
Total	11,587.8
Grand Total	451,107.8

¹Includes 1,387.7 acres in Oklahoma as undivided 1/2 interest in all minerals.

TABLE 19.—*Original homestead entries allowed, fiscal year 1979*

State	Sec. 2289 R.S.		Reclamation		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	1	5.0	.....	.....	.....	.....	1	5.0
Wyoming .....	.....	.....	.....	.....	1	130.5	1	130.5
Total	1	5.0	.....	.....	1	130.5	2	135.5

¹Desert lands.

TABLE 20.—*Final homestead entries approved, May 20, 1862-fiscal year 1979*

Year	Number	Acres	Year	Number	Acres
1868-1870	10,778	1,379,116	1936-1940	19,533	6,783,129
1871-1875	53,737	6,215,783	1941-1945	2,830	764,204
1876-1880	97,722	11,670,439	1946-1950	1,215	156,904
1881-1885	95,158	12,630,327	1951-1955	1,845	220,458
1886-1890	115,264	16,330,272	1956-1960	1,628	221,680
1891-1895	116,178	16,602,473	1961-1965	901	117,821
1896-1900	110,593	15,275,647	1966-1970	399	49,108
1901-1905	144,121	19,812,927	1971-1975	368	41,217
1906-1910	130,430	19,005,358	1976	35	4,209
1911-1915	189,553	35,407,653	1976 (7-9/30/76)	9	1,200
1916-1920	195,401	38,909,565	1977	43	5,749
1921-1925	119,949	29,468,379	1978	12	1,434
1926-1930	39,439	10,922,304	1979	13	1,184
1931-1935	20,501	6,233,399			
			Total	1,467,655	248,231,939

TABLE 21.—*Final homestead entries approved, fiscal year 1979*

State	Sec. 2289 R.S.		Reclamation		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage	9	800.3	.....	.....	.....	.....	9	800.3
Fairbanks	2	200.0	.....	.....	.....	.....	2	200.0
Idaho .....	.....	.....	1	53.0	.....	.....	1	53.0
Wyoming .....	.....	.....	.....	.....	1	130.6	1	130.6
Total	11	1,000.3	1	53.0	1	130.6	13	1,183.9

¹Desert lands.

TABLE 22.—*Homestead entries patented, fiscal year 1979*

State	Sec. 2289 R.S.		Enlarged		Reclamation		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage	9	800.3	.....	.....	.....	.....	9	800.3
Fairbanks	3	360.0	.....	.....	.....	.....	3	360.0
Idaho .....	.....	.....	.....	.....	1	53.0	1	53.0
Total	12	1,160.3	.....	.....	1	53.0	13	1,213.3

TABLE 23.—*Unperfected entries pending, fiscal year 1979*

State	Desert land		Homestead		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage .....	.....	.....	89	12,460	14,420	582,020	24,509	594,480
Fairbanks .....	.....	.....	64	7,112	31,041	106,057	1,105	113,169
California	2	640	.....	.....	.....	.....	2	640
Idaho	61	17,806	5	723	.....	.....	66	18,529
Montana .....	.....	.....	76	8,169	.....	.....	76	8,169
Nevada	3	960	12	906	419	7,824	34	9,690
New Mexico .....	.....	.....	1	640	.....	.....	1	640
North Dakota .....	.....	.....	2	276	.....	.....	2	276
Oregon .....	.....	.....	.....	.....	41	40	1	40
South Dakota .....	.....	.....	15	1,159	.....	.....	15	1,159
Utah	6	1,716	.....	.....	.....	.....	6	1,716
Washington .....	.....	.....	.....	.....	41	38	1	38
Total	72	21,122	264	31,445	5,482	695,979	5,818	748,546

¹4,102 native allotments, 574,280 acres; 236 homesites and headquarters sites, 1,180 acres; 82 trade and manufacturing sites, 6,560 acres.

²Does not include 5,755 statewide Alaska Native Claims Settlement Act and State selections in excess of 169 million acres.

³911 native allotments, 104,195 acres; 106 homesites and headquarters sites, 530 acres; 24 trade and manufacturing sites, 1,332 acres.

⁴Mineral entries.

TABLE 24.—*Unperfected homestead entries pending, fiscal year 1979*

State	Sec. 2289 R.S.		Enlarged		Reclamation		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage	89	12,460	.....	.....	.....	.....	89	12,460
Fairbanks	64	7,112	.....	.....	.....	.....	64	7,112
Idaho .....	.....	.....	.....	.....	5	723	5	723
Montana .....	.....	.....	.....	.....	76	8,169	76	8,169
Nevada	1	160	.....	.....	11	746	12	906
New Mexico	1	640	.....	.....	.....	.....	1	640
North Dakota .....	.....	.....	.....	.....	2	276	2	276
South Dakota .....	.....	.....	.....	.....	15	1,159	15	1,159
Total	155	20,372	.....	.....	109	11,073	264	31,445.00

¹Includes 33 ceded Indian land homesteads, 2,771 acres.

TABLE 25.—Activity under Public Law 87-851 (Mining Claims Occupancy Act), fiscal year 1979

Type of activity	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon	Utah	Washington	Wyoming	Total
Petitions (43 CFR 2551.1)													
<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Petitions pending as of beginning of fiscal year	1	.....	.....	.....	.....	.....	.....	.....
Total petitions filed: None
Actions taken: None
Petitions pending as of end of fiscal year	1	.....	.....	.....	.....	.....	.....	.....
Applications (43 CFR 2551.2)													
Applications pending as of beginning of fiscal year
Filed on lands administered by:
Department of Agriculture:
Forest Service
Total applications filed
Actions taken:
Offers to convey an interest in lands applied for (43 CFR 2551.3)
Applications rejected:
Total applications acted on
Applications pending as of end of fiscal year

Note.—Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

TABLE 26.—*Land exchanges, fiscal year 1979*

Type of exchange by State	Number	Area received	Area patented
National Forest Exchange¹			
		<i>Acres</i>	<i>Acres</i>
Arizona	5	1,973.9	1,492.1
California	8	10,289.1	2,640.7
Colorado	3	591.7	298.0
Florida	1	30.0	40.0
Idaho	2	2,857.0	1,950.0
Montana	2	13.2	18.7
Nevada	1	640.3	679.9
New Mexico	4	238.9	1,092.5
Oregon	2	1,460.0	362.3
Utah	1	72.5	240.0
Washington	1	37.0	36.6
Total National Forest Exchanges	30	18,203.6	8,850.8
Federal Land Policy and Management Act Exchange²			
California	2	3,048.6	5,960.0
Idaho	1	79.0	107.0
Montana	4	4,067.6	4,896.9
New Mexico	1	2,823.4	3,022.1
Oregon	2	1,280.0	622.1
Utah	1	2,560.6	2,561.8
Washington	1	1,070.5	164.1
Total FLPMA Exchanges	12	14,929.7	17,334.0
Other Exchanges			
Arizona	³ 1	1,662.6	3,480.0
California	⁴ 2	2,115.4	360.0
New Mexico	⁵ 1	1,640.0	1,595.0
Total Other Exchanges	4	5,418.0	5,435.0
Grand Total	46	38,551.3	31,619.8

¹Act of March 20, 1922 (42 Stat. 465) as amended.

²Act of October 21, 1976 (90 Stat. 2756; 43 U.S.C. 1716 (1970)).

³Act of June 28, 1934 (48 Stat. 1269).

⁴Act of October 21, 1970 (84 Stat. 1067, 16 U.S.C. 460y).

⁵Act of August 13, 1949 (63 Stat. 605) and Act of September 14, 1961 (75 Stat. 509).

TABLE 27.—*Withdrawals and revocations, fiscal year 1979*

Type of reservation by State	Withdrawals	Revocations
	Acres	Acres
Air navigation sites		
Utah		239
Defense withdrawals		
California		13,810
Oregon		40
Total defense withdrawals		13,850
National Forest additions and exclusions		
California	40	
Colorado		191
Nevada		90
Oregon		80
Total National Forest additions and exclusions	40	361
Lighthouses		
Florida		78
Wildlife refuges		
Florida	38	
Powersites		
Arizona		348
California		122
Oregon		1,046
Utah		449
Wyoming		362
Total powersites		2,327
Forest Service administration and recreation		
Idaho		80
Reclamation projects		
Colorado		2,118
Nevada		15,216
Total Reclamation projects		17,334
Administrative sites and recreation areas		
Idaho	19	
Oregon		80
Total administrative sites and recreation areas	19	80
Other withdrawals and reservations		
Alaska	¹ 110,000,000	
California	² 69,305	
Idaho		³ 262,687
New Mexico		⁴ 1,119
Oklahoma		⁵ 300
Wyoming		⁶ 678
Total other withdrawals and revocations	110,069,305	264,784
Grand Total	110,069,402	299,133

¹Withdrawal (Emergency) of national interest lands to preserve values that would otherwise be lost by Public Land Order No. 5653 of November 16, 1978, as amended, by Public Land Order No. 5654 of November 17, 1978.

²Withdrawal (Emergency) of land for the Casitas Reservoir Watershed by Public Land Order No. 5662 of May 9, 1979.

³Revocation of withdrawals creating Phosphate Reserve Nos. 2, 13, 19 and 31 by Public Land Order No. 5680 of August 30, 1979.

⁴Revocation of withdrawals made for the purpose of aiding the State of New Mexico to make selections and exchanges of lands by Public Land Order No. 5679 of August 20, 1979, and Public Land Order No. 5682 of August 30, 1979.

⁵Revocation of withdrawal of ceded public lands to ownership of the Kiowa, Comanche, and Apache Tribes by Public Land Order No. 5660 of March 16, 1979.

⁶Modification of Executive Order No. 5327 and Public Land Order No. 4522 to permit selection and conveyance to the State by Public Land Order No. 5666 of June 20, 1979.

Source: Public Land Order No. 5648 through Public Land Order No. 5683.

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Land Disposition and Use

TABLE 28.—*Original and final desert land entries, March 3, 1877-fiscal year 1979*

State	Original entries			Final entries		
	Number	Acres	Purchase money	Number	Acres	Purchase money ¹
Arizona	10,328	2,645,769	\$664,021	2,342	507,392	\$503,790
California	24,831	5,337,072	1,350,513	6,318	1,210,257	1,118,634
Colorado	17,503	3,231,451	908,335	5,657	1,016,434	911,918
Dakota Territory	35	20,021	5,005	1	300	300
Idaho	20,899	3,727,174	933,988	7,666	1,516,780	1,440,646
Montana	32,075	5,984,483	1,502,674	16,409	3,052,397	2,963,416
Nevada	4,455	1,007,827	240,346	1,689	376,978	373,801
New Mexico	11,374	2,183,224	547,332	1,958	293,603	374,236
North Dakota	517	85,278	21,321	118	20,254	20,239
Oregon	6,794	1,147,354	286,406	2,389	368,007	345,244
South Dakota	4,070	609,290	151,917	1,118	180,759	153,006
Utah	8,828	1,551,782	393,563	3,308	514,764	513,045
Washington	6,086	999,033	260,645	1,122	138,415	130,363
Wyoming	17,560	5,598,916	956,366	8,149	1,663,292	1,639,917
Total	165,355	34,128,674	8,222,432	58,244	10,859,632	10,488,555

¹With few exceptions, the entryman was required to pay \$0.25 per acre with his application to enter, and an additional \$1.00 per acre with his final proof.

Note.—Data in this table deal with actions taken under the Act of March 3, 1877 (19 Stat. 377; 43 U.S.C. 321-323), the Relief Act of March 4, 1915 (38 Stat. 1161; 43 U.S.C. 335), and other relief acts.

TABLE 29.—*Original stockraising homesteads on public and ceded Indian lands, 1917-fiscal year 1979*

A. BY STATE

State	Number	Acres	Fees and commissions
Arizona	6,226	2,985,746	\$181,292.50
Arkansas	4	1,600	80.00
California	8,464	3,423,222	232,866.39
Colorado	20,991	8,405,015	520,049.61
Idaho	7,818	3,563,294	209,658.11
Kansas	233	58,506	4,102.00
Michigan	5	1,821	95.50
Minnesota	1	75	7.00
Montana	21,329	7,720,173	545,989.20
Nebraska	585	108,313	7,529.41
Nevada	932	494,637	29,065.67
New Mexico	34,178	15,621,192	934,664.76
North Dakota	939	288,918	19,210.37
Oklahoma	366	71,349	4,768.57
Oregon	8,282	3,375,688	207,794.88
South Dakota	7,955	2,731,961	142,844.38
Utah	5,150	2,800,709	170,243.26
Washington	1,600	513,746	41,893.70
Wyoming	40,495	18,172,713	1,117,926.11
Other States ¹	159	24,247	1,882.25
Total	165,712	70,362,925	4,371,963.67

B. BY FISCAL YEARS

Fiscal Year	Number	Acres	Fees and commissions
1917-1948	165,703	70,358,611	\$4,371,659.47
1949	1	640	24.00
1950 .....	.....	.....	.....
1951	2	1,233	66.13
1952	1	640	.....
1953-1954 .....	.....	.....	.....
1955	1	642	34.07
1956-1968 .....	.....	.....	.....
1969	1	640	55.00
1970-1973 .....	.....	.....	.....
1974	1	80	20.00
1975-1976 .....	.....	.....	.....
1976 transition period, July 1 - Sept. 30, 1976 .....	.....	.....	.....
1977	2	439	105.00
1978 .....	.....	.....	.....
1979 .....	.....	.....	.....
Total	165,712	70,362,925	4,371,963.67

¹Entered at the Washington, D.C. Office.

TABLE 30.—Original entries and selections allowed (acres), fiscal years 1971-1979

State	Fiscal year									
	1971	1972	1973	1974	1975	1976	July 1- September 30, 1976	1977	1978	1979
Alaska	770	11,939	61,778	1,071,287	11,752,250	102,800,426	8,673	10,468,610	849,615	18,643,526
Arizona	10,464	13,704	4,278	4,490	308	6,031	1	2,697	2,995	1,214
California	3,230	796	38,036	4,718	3,337	176	41	38,267	288	2,298
Colorado	305	.....	162	.....	.....	.....	.....	.....	.....	.....
Idaho	22,773	8,925	10,977	10,037	3,555	2,832	702	4,369	2,426	1,685
Montana .....	.....	80	488	407	200	476	320	1,831	787	449
Nevada	91	6,860	2,825	160	1,988	.....	.....	202	181	83
New Mexico	1,670	.....	53	.....	.....	.....	640	.....	.....	.....
North Dakota .....	.....	.....	.....	160	.....	.....	.....	.....	.....	.....
Oregon .....	.....	.....	.....	199	.....	.....	.....	1,460	38	.....
South Dakota .....	.....	80	160	161	.....	.....	.....	20	.....	.....
Utah	4,103	289	12,277	20	80	.....	.....	.....	3,355	.....
Washington .....	.....	.....	325	.....	.....	100	.....	.....	30	38
Wyoming	4,108	2,094	812	80	.....	440	.....	439	.....	131
Other States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	47,514	44,767	132,171	1,091,719	11,761,718	102,810,481	10,377	10,517,895	859,715	18,649,424

TABLE 31.—Small tract leases and sales, fiscal year 1979

State	Leases									Sales during fiscal year	
	In effect as of beginning of fiscal year		Issued during fiscal year		Terminated and expired during fiscal year		In effect as of end of fiscal year				
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Rental ¹	Number	Acres
Alaska:											
Anchorage	17	69					14	17	\$275		
Fairbanks	1	5			1	5		7			3
Arizona	3	10					33	15	398		
California	16	41	1	2	7	7	10	36	2,458		
Colorado	2	3	2	241			4	244	22,317		
Idaho	10	25			2	7	8	18	1,276		
Montana	9	32					59	32	1,319		
Nevada	4	20					64	20	381		
New Mexico	1	7					1	7	600		
Oregon	33	49	7	4	8	5	32	48	11,371		
South Dakota	2	4					2	4	220		
Utah	12	60					11	55	895		
Wyoming	11	41			4	24	7	17	860		
Total	121	366	10	247	22	48	97	520	42,370	101	3

¹Adjusted as result of an audit; includes 2 business site leases, 10 acres.

²Adjusted as result of an audit.

³Adjusted as result of an audit.

⁴Includes 1 business site lease, 240 acres.

⁵Includes 1 business site lease, 3 acres.

⁶Includes 2 business site leases, 10 acres.

⁷Includes 4 business site leases, 16 acres.

⁸Adjusted as result of an audit; business site leases.

⁹Includes 5 business site leases, 12 acres.

¹⁰Direct sale.

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Land Disposition and Use

TABLE 32.—*Special land use permits in force, fiscal year 1979*

State	Without rental		With rental		Total		Total rental
	Number	Acres	Number	Acres	Number	Acres	
Alaska:							
Anchorage	36	7,303	7	290	43	7,593	\$415.00
Fairbanks	17	31,504	6	3,487	23	34,991	188.00
Arizona	11	323	10	432	21	755	3,629.24
California	31	16,742	133	7,821	164	24,563	19,460.00
Colorado	24	5,788	31	3,427	55	9,215	7,373.00
Idaho	69	213,161	93	7,931	162	221,092	30,751.04
Montana	11	3,671	6	57	17	3,728	658.70
Nevada	55	67,224	40	6,272	95	73,496	5,908.88
New Mexico	44	11,432	106	10,511	150	21,943	26,658.00
Oregon:							
O&C lands	12	4,855	37	68	49	4,923	5,445.60
Public lands	14	4,113	19	41,743	33	45,856	5,729.50
South Dakota			1	2	1	2	46.00
Utah	41	357,519	49	66,716	90	424,235	11,695.00
Washington	7	12,376	13	10	20	12,386	1,135.00
Wyoming	116	31,941	204	3,380	320	35,321	6,582.00
Total	488	767,952	755	152,147	1,243	920,099	125,674.96

Note.—See 43 CFR 2920.0-3.

TABLE 33.—*Miscellaneous leases in force, fiscal year 1979*

Type of lease by State	Number	Acres	Annual rental
Airport leases¹			
Alaska:			
Anchorage	88	2,196	.....
Fairbanks	33	14,221	\$577.50
California	10	2,064	187.85
Colorado	1	181	10.00
Idaho	4	678	30.00
Montana	4	58	20.00
Nevada	32	13,097	360.00
New Mexico	5	852	50.00
Oregon	3	132	13.33
Utah	6	1,887	60.00
Wyoming	3	860	30.00
Total airport leases	189	36,226	1,338.68
Mineral or medicinal springs leases²			
Alaska:			
Anchorage	1	520	100.00
Fairbanks	2	320	100.00
California	2	161	11.00
Total mineral or medicinal springs leases	5	1,001	211.00
Public works leases³			
Alaska:			
Fairbanks	1	6	65.00
California	3	48	10.00
Idaho	11	350	81.55
Oregon	1	4	60.93
Washington	1	1	.50
Wyoming	2	8	50.00
Total public works leases	19	417	267.98

TABLE 33.—*Miscellaneous leases in force, fiscal year 1979—continued*

Type of lease by State	Number	Acres	Annual rental
Recreation and public purposes leases*			
Alaska:			
Anchorage	2	1,439	265.00
Fairbanks	6	255	104.70
California	76	7,287	2,336.62
Colorado	17	425	223.45
Idaho	52	5,134	1,400.88
Montana	12	1,285	196.55
Nevada	63	5,731	2,958.45
New Mexico	65	12,401	2,222.00
North Dakota	1	40	10.00
Oregon	58	3,195	854.54
South Dakota	4	613	185.00
Washington	18	1,420	458.75
Wyoming	41	2,761	918.63
Total recreation and public purposes leases	415	41,986	12,134.57
Water well leases*			
Colorado	1	40	(⁶)
New Mexico	1	40	150.00
Wyoming	4	160	300.00
Total water well leases	6	240	450.00
Other leases			
Arizona	⁷ 196	20,148	\$101,157.48
California	⁸ 347	11,519	138,347.92
Idaho	⁹ 9	21	477.00
Montana	¹⁰ 2	43	70.00
Nebraska	¹¹ 1	213	53.25
Nevada	¹² 1	3	25.00
New Mexico	¹³ 4	619	1,057.00
Oregon	¹⁴ 11	37	903.50
Wyoming	¹⁵ 2	2,720	2,560.00
Total other leases	573	35,323	244,651.15
Grand Total	1,207	115,193	259,053.38

*Act of May 24, 1928 (45 Stat. 728; 49 U.S.C. 211-214).

²Act of March 3, 1925 (43 Stat. 1133; 43 U.S.C. 971).

³Act of September 3, 1954 (68 Stat. 1146; 43 U.S.C. 931c and d).

⁴Act of June 14, 1926 (44 Stat. 741; 43 U.S.C. 869) as amended.

⁵Sec. 40 of the Mineral Leasing Act of February 25, 1920 (41 Stat. 437).

⁶2 cents per thousand gallons.

⁷Act of June 15, 1935 (49 Stat. 383) transferred to Bureau of Land Management: 112 cabin site leases, 25.6 acres, annual rental \$8,409.98; 3 concession permits, 371.4 acres, annual rental \$42,465.58. Under the Act of August 4, 1939 (53 Stat. 1187): 4 agricultural purpose leases, 1,091 acres, annual rental \$12,403.50; 5 recreation leases (nonpay), 16,267.9 acres; 4 public facilities leases, 137.7 acres, annual rental \$45.00; 5 public facilities leases (nonpay), 393.6 acres; 3 leases recreational leases (commercial), 13.1 acres, annual rental \$6,644.03; 28 agricultural permits, 1,841.1 acres, annual rental \$25,011.3; 32 residential permits, 6.8 acres, annual rental \$6,178.09.

⁸1 concession lease, 75.6 acres, annual rental \$23,166.63, under the Act of June 15, 1935 (49 Stat. 383); 99 leases, 217.3 acres, annual rental \$922.00, under the Mining Claim Occupancy Act of October 23, 1962 (76 Stat. 1127); 4 recreation leases (nonpay), 5,469 acres, under the Act of August 4, 1939 (53 Stat. 1187). Under Departmental Manual Part 613: 14 cabin site leases, 22 acres, annual rental \$3,916.00; 4 agricultural leases (litigation settlement), 2,250.7 acres, annual rental \$22,093.81; 12 recreation leases (commercial), 158.9 acres, annual rental \$35,130.98; 36 agricultural use permits, 3,264.6 acres, annual rental \$30,942.96; 177 residential use permits, 61.2 acres, annual rental \$22,175.54.

⁹8 leases, 19.5 acres, annual rental \$262.00, under the Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127); 1 residential occupancy lease, 1.5 acres, annual rental \$215.00, under the Act of October 21, 1976 (90 Stat. 2743).

¹⁰1 lease, 3 acres, annual rental \$60.00, under the Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127); 1 public purpose lease, 40 acres, annual rental \$10.00, under the Act of October 21, 1976 (90 Stat. 2743).

¹¹Military Museum Park.

¹²Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

¹³2 uranium leases, 609 acres, annual rental \$609.00, under Reorganization Plan No. 3 of July 16, 1946 (43 CFR 3500.0-3(b)(2); 60 Stat. 1099); 2 occupancy leases, 10 acres, annual rental \$448.00, under the Act of October 21, 1976.

¹⁴10 leases, 36.6 acres, annual rental \$803.50, under the Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127); 1 communication site (transferred to U.S. in land exchange), .4 acre, annual rental \$100.00.

¹⁵1 bentonite lease, 160 acres, royalty; 1 uranium leases, 2,560 acres, annual rental \$2,560.00, under Reorganization Plan No. 3 of July 16, 1946 (60 Stat. 1099).

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Forest Management

The Bureau of Land Management is responsible for the management, development, and protection of nearly 24 million acres of commercial forest land (Tables 34 and 35).

Of the total 1,997,000 acres in Western Oregon are generally recognized to be one of the Nation's most productive and valuable commercial forest properties. During fiscal year 1979 approximately 1,099,671 thousand board feet of timber, valued at almost 303 million were sold (Table 38).

Over 165 million board feet of timber, valued at nearly 39 million, were sold from the public lands during 1979 (Table 42).

Reforestation accomplishments totaled 32,548 acres planted and seeded during fiscal year 1979 (Table 47).

TABLE 34.—*Estimated area and producing capacity of forest and woodlands administered by the Bureau of Land Management on public lands, fiscal year 1979*

State	Commercial forest land			Woodland			Total		
	Acres	Standing volume MBF	Annual producing capacity MBF	Acres	Standing volume MBF	Annual producing capacity MBF	Acres	Standing volume MBF	Annual producing capacity MBF
Alaska	12,500,000	19,000,000	55,000	45,000,000	NA	NA	57,500,000	19,000,000	55,000
Arizona	13,500	60,000	700	915,000	740,000	148	928,500	800,000	848
California	196,429	2,263,770	33,000	712,238	124,360	900	908,667	2,388,130	33,900
Colorado	422,500	1,361,900	20,900	2,382,700	5,816,100	51,500	2,805,200	7,178,000	72,400
Idaho	411,200	4,186,600	40,400	96,200	115,500	3,900	507,400	4,302,100	44,300
Montana	492,600	3,047,600	22,000	541,000	906,400	6,200	1,033,600	3,954,000	28,200
Nevada	3,712	1,240	5	6,474,282	2,683,912	26,822	6,477,994	2,685,152	26,827
New Mexico	62,790	104,416	1,358	2,826,020	2,639,300	13,451	2,888,810	2,743,716	14,809
Oregon:									
Eastern ¹	182,500	761,600	13,400	780,000	584,000	6,300	962,500	1,345,600	19,700
South Dakota	5,800	57,600	1,600	2,700	7,800	NA	8,500	65,400	1,600
Utah	70,539	112,449	716	5,697,173	4,143,161	75,536	5,767,712	4,255,610	76,252
Washington	36,000	182,300	4,000	22,700	14,000	900	60,700	196,300	4,900
Wyoming	160,528	787,343	256,001	331,108	183,084	18,448	491,636	970,427	274,449
Total	14,560,098	31,926,818	449,080	65,781,121	17,957,617	204,105	80,341,219	49,884,435	653,185

¹Eastern Oregon includes public lands east of Range 8E., Willamette Meridian.

NA — Not Available.

TABLE 35.—Area of O&C revested lands, fiscal year 1979

County	O&C lands ¹	Controverted O&C lands ²	Special act O&C lands ³	Coos Bay lands ⁴	Total
	Acres	Acres	Acres	Acres	Acres
Benton	52,333	.....	1,720	.....	54,053
Clackamas	49,748	35,949	5,688	.....	91,385
Columbia	11,084	.....	.....	.....	11,084
Coos	98,982	23,002	.....	59,914	181,898
Curry	36,681	56,735	.....	.....	93,416
Douglas	611,678	95,641	.....	14,633	721,952
Jackson	389,476	25,332	20,971	.....	435,779
Josephine	258,971	109,244	182	.....	368,397
Klamath	46,202	20,962	.....	.....	67,164
Lane	279,534	95,293	.....	.....	374,827
Lincoln	8,773	.....	.....	.....	8,773
Linn	85,643	520	.....	.....	86,163
Marion	20,715	.....	.....	.....	20,715
Multnomah	4,247	.....	.....	.....	4,247
Polk	40,354	.....	1,160	.....	41,514
Tillamook	27,477	.....	.....	.....	27,477
Washington	12,015	.....	.....	.....	12,015
Yamhill	38,244	.....	.....	.....	38,244
Total	2,072,157	462,678	29,721	74,547	2,639,103

¹Includes O&C timber on non-Federal land as follows: Columbia County, 322 acres; Yamhill County, 243 acres.

²Under the provisions of Public Law 426, 83rd Congress approved June 24, 1954, these lands were declared to be revested O&C railroad grant lands. They were placed under the jurisdiction of the Secretary of Agriculture, to be administered with National Forest lands; *Provided*, that all revenues derived from such lands shall be handled in accordance with the provisions of Title II of the O&C Act of August 28, 1937 (50 Stat. 874) as amended by Public Law 426.

³Certain O&C areas were set aside by various Acts of Congress to be administered by the Forest Service without losing their O&C identity. The lands in Benton, Clackamas, Jackson and Polk Counties are watershed lands, and the land in Josephine County is an administrative site.

⁴Excludes Coos Bay Wagon Road timber on 87 acres of non-Federal land in Coos County.

WESTERN OREGON

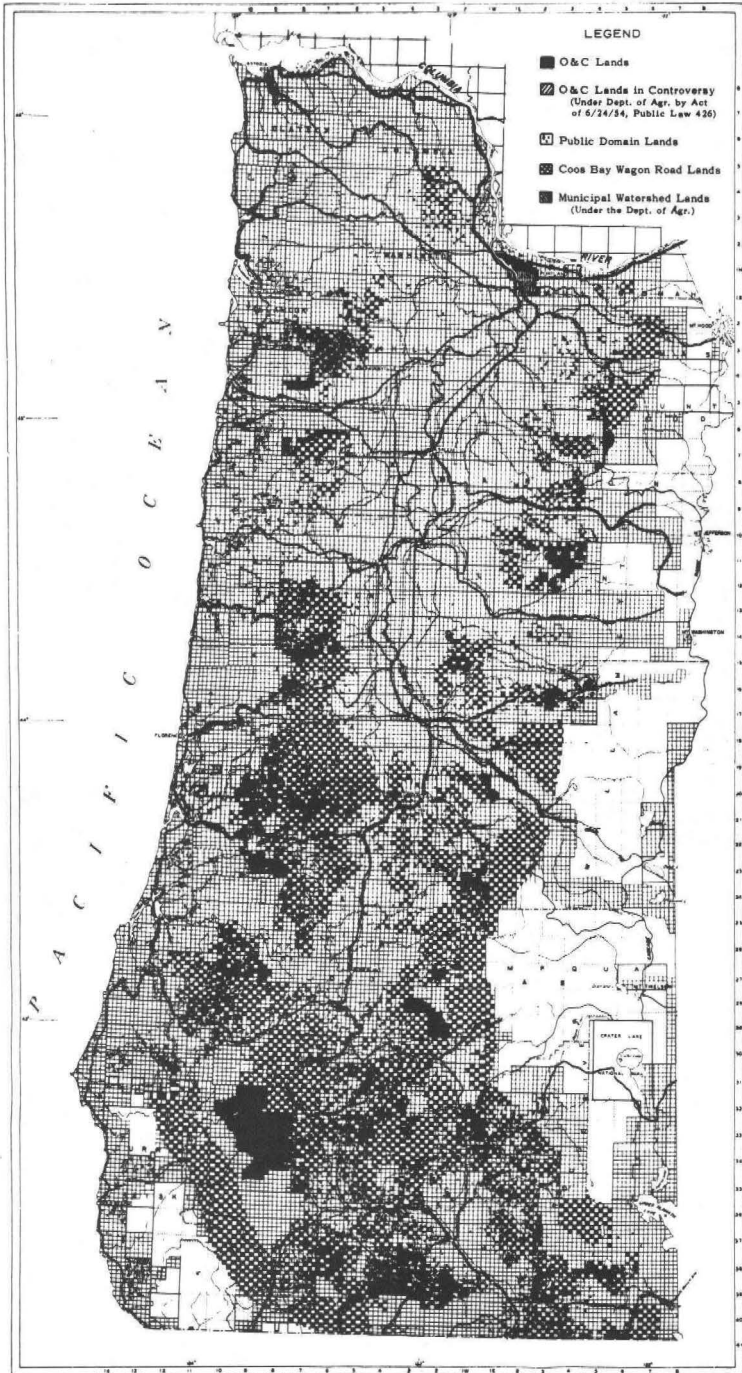


TABLE 36.—Area, cover, and allowable cut on Western Oregon lands,
fiscal year 1979

District and master unit	Forest cover					Total merchantable volume ⁴	Current allowable cut ⁵
	Commercial forest land ¹	Withdrawn commercial forest land ²	Non-commercial forest land	Non-forest land	Total area ³		
Coos Bay:							
South Coast	Acres 264,000	Acres 11,000	Acres 47,000	Acres 19,000	Acres 330,000	MMBF 10,205	MMBF 234
Eugene:							
Siuslaw	149,000	2,000	7,000	7,000	163,000	2,950	110
Upper Willamette ..	150,000	1,000	2,000	2,000	154,000	2,905	109
Total Eugene District	299,000	3,000	9,000	9,000	317,000	5,855	219
Medford:							
Jackson	263,000	2,000	116,000	15,000	394,000	4,280	103
Josephine	362,000	139,500	35,000	29,000	426,000	5,202	94
Klamath	71,000	1,500	21,000	2,000	94,000	1,334	25
Total Medford District	696,000	143,000	172,000	46,000	914,000	10,816	222
Roseburg:							
Douglas	291,000		10,000	13,000	314,000	8,502	158
South Umpqua ...	96,000	500	13,000	1,000	110,000	1,964	43
Total Roseburg District	387,000	500	23,000	14,000	424,000	10,466	201
Salem:							
Alesea-Rickreall ...	105,000	1,500	15,000	5,000	125,000	3,701	81
Clackamas-Molalla	54,000	3,500	5,000	6,000	65,000	1,555	32
Columbia	106,000	1,000	15,000	3,000	124,000	2,485	77
Santiam	86,000	4,000	6,000	2,000	94,000	2,371	54
Total Salem District	351,000	10,000	41,000	16,000	408,000	10,112	244
Grand Total ...	1,997,000	167,500	292,000	104,000	2,393,000	47,454	1,120

¹Includes withdrawn commercial forest land shown in footnote 2.

²Includes all lands withdrawn from planned harvesting to protect other forest values such as wildlife, fish, watershed and recreation.

³Includes the reverted O&C lands, the reconveyed Coos Bay Wagon Road lands west of Range 9E., Willamette Meridian, under the administrative jurisdiction of the Bureau of Land Management.

⁴Includes all timber greater than 11 inches DBH as measured by the Scribner Log Rule. Does not consider growth since the completion of the inventory.

⁵The allowable cut represents the annual sustained yield production capacity of the forest land base. It includes volumes from all forms of harvest: commercial thinning, mortality salvage and final harvest.

TABLE 37.—*Forest disposition by type of product, fiscal year 1979*

State	Sawtimber MBF	Cords MBF	Posts MBF	Poles MBF	Other MBF	Total volume MBF	Value of timber products
Alaska	23	8	.....	.....	22	53	\$1,720.00
California	10,172	23	.....	.....	.....	10,195	1,252,849.37
Colorado	5,369	1,948	462	.....	.....	7,779	257,352.08
Idaho	6,598	.....	.....	.....	.....	6,598	741,389.87
Montana	1,740	.....	.....	31	.....	1,771	98,894.01
New Mexico	148	186	.....	.....	.....	334	12,597.80
Oregon:							
Eastern	13,767	.....	.....	.....	.....	13,767	2,354,237.69
Western	1,096,793	222	.....	11	.....	1,097,026	302,539,210.45
Washington	2,645	.....	.....	.....	.....	2,645	444,423.00
Wyoming	2,266	.....	.....	.....	.....	2,266	65,044.67
Total	1,139,521	2,387	462	42	22	1,142,434	307,767,718.94

Note.—This table is a summary of forest product disposition actions taken by the Bureau of Land Management during the fiscal year by competitive and negotiated sales, rights-of-way sales, additional sales, and trespass. Sales of nontimber forest products, and timber dispositions made under free use permits are excluded. Products listed as sold, however, were not necessarily all removed from BLM lands or paid for during the fiscal year. Western Oregon includes the reverted O&C lands, the reconveyed Coos Bay Wagon Road lands and the public lands west of Range 9E., Willamette Meridian. Eastern Oregon includes the public lands east of Range 8E., Willamette Meridian.

TABLE 38.—*Timber disposition by species in Western Oregon, fiscal year 1979*

Species	Sawtimber MBF	Other MBF	Total volume MBF	Total value
Alpine fir	1	.....	1	\$100.00
California black oak	2	.....	2	10.00
Chinquapin	28	.....	28	255.20
Cottonwood	2	.....	2	85.60
Douglas fir	901,168	11	901,179	271,031,013.09
Engelmann spruce	16	.....	16	1,952.00
Grand fir	12,457	.....	12,457	900,682.32
Incense cedar	18,424	.....	18,424	4,307,551.94
Lodgepole pine	133	.....	133	9,774.50
Madrone	1	5	6	75.00
Maple	1,919	.....	1,919	35,077.37
Noble fir	3,370	.....	3,370	364,544.80
Other hardwood	330	.....	330	2,852.10
Pacific silver fir	784	.....	784	70,003.25
Ponderosa pine	22,096	.....	22,096	3,409,400.33
Port oxford cedar	3,886	5	3,891	2,097,582.75
Red alder	4,981	.....	4,981	92,219.33
Shasta red fir	3,170	.....	3,170	265,106.60
Sitka spruce	3,554	.....	3,554	1,030,302.60
Sugar pine	17,917	.....	17,917	4,756,089.22
Tanoak	83	.....	83	677.90
Western hemlock	68,699	.....	68,699	8,507,865.91
Western larch	496	.....	496	86,395.00
Western red cedar	18,627	212	18,839	4,113,536.00
Western white pine	383	.....	383	82,724.70
White bark pine	10	.....	10	1,850.00
White fir	16,901	.....	16,901	1,815,905.94
Total	1,099,438	233	1,099,671	302,983,633.45

Note.—Data in this table include dispositions made either by competitive or negotiated sales, rights-of-way sales, additional sales, and trespass. This is a record of disposition actions only, not timber actually cut. Sales of nontimber forest products and dispositions made under free use permits are excluded. Does not include forest dispositions from O&C lands administered by the Forest Service. Includes public lands west of Range 9E., Willamette Meridian.

TABLE 39.—*Timber disposition by species on public lands, fiscal year 1979*

Species	Sawtimber MBF	Other MBF	Total volume MBF	Total value
Alpine fir	543	.....	543	\$21,854.44
Canyon live oak .....	.....	15	15	150.00
Chinquapin	22	.....	22	215.60
Douglas fir	103,463	38	103,501	30,132,994.03
Engelmann spruce	395	.....	395	19,261.89
Grand fir	3,524	.....	3,524	339,165.33
Incense cedar	372	.....	372	88,940.32
Limber pine	35	.....	35	1,056.08
Lodgepole pine	10,641	614	11,255	550,673.15
Maple	336	.....	336	3,748.83
Noble fir	181	.....	181	13,079.05
Other hardwood	230	8	238	2,217.00
Other softwood	148	.....	148	11,484.80
Pacific silver fir	196	.....	196	44,290.50
Pinyon pine .....	.....	1,893	1,893	15,399.20
Ponderosa pine	13,861	7	13,868	2,567,343.19
Port oxford cedar	1,324	2	1,326	581,162.70
Red alder	2,316	.....	2,316	36,519.83
Sitka spruce	3,554	.....	3,554	1,030,302.60
Sugar pine	660	.....	660	128,933.15
Tanoak	38	.....	38	368.30
Western hemlock	13,342	.....	13,342	1,979,133.94
Western juniper .....	.....	58	58	413.77
Western larch	1,807	.....	1,807	220,833.70
Western red cedar	4,204	37	4,241	881,346.79
Western white pine	68	.....	68	11,268.00
White fir	1,346	.....	1,346	128,071.70
White spruce	19	22	41	1,500.00
Total	162,625	2,694	165,319	38,811,727.89

Note.—Data in this table include dispositions made either by competitive or negotiated sales, rights-of-way sales, additional sales, and trespass. This is a record of disposition actions only, not timber actually cut. Sales of nontimber forest products and dispositions made under free use permits are excluded. Does not include forest dispositions from O&C lands administered by the Forest Service. Includes public lands west of Range 9E., Willamette Meridian.

TABLE 40.—Timber sales, depletable and nondepletable by State, fiscal year 1979

State	Regular sales ¹				Set-aside sales ²				Total sales		
	Volume MBF		Sale price	Average price per MBF	Volume MBF		Sale price	Average price per MBF	Volume MBF	Sale price	Average price per MBF
	Depletable	Non-depletable			Depletable	Non-depletable					
Alaska	2	51	\$1,720.00	\$32.45	.....	.....	.....	.....	53	\$1,720.00	\$32.45
California	10,174	23	1,252,849.37	122.86	.....	.....	.....	.....	10,917	1,252,849.37	122.86
Colorado	5,984	1,947	257,352.08	32.45	.....	.....	.....	.....	7,931	257,352.08	32.45
Idaho	5,302	1,295	741,389.87	112.38	.....	.....	.....	.....	6,597	741,389.87	112.38
Montana	1,740	31	98,894.01	55.84	.....	.....	.....	.....	1,771	98,894.01	55.84
New Mexico .....	.....	334	12,597.80	37.72	.....	.....	.....	.....	334	12,597.80	37.72
Oregon:											
Eastern	13,766	.....	2,354,237.69	171.02	.....	.....	.....	.....	13,766	2,354,237.69	171.02
Western	809,338	8,308	228,723,499.05	279.73	278,362	2,069	\$3,815,711.40	\$13.61	1,098,077	232,539,210.45	211.77
Washington .....	.....	2,645	444,423.00	168.02	.....	.....	.....	.....	2,645	444,423.00	168.02
Wyoming	1,209	1,056	65,044.67	28.72	.....	.....	.....	.....	2,265	65,044.67	28.72
Total	847,515	15,690	233,952,007.54	271.03	278,362	2,069	3,815,711.40	13.61	1,144,356	237,767,718.94	207.91

¹Regular sales includes all advertised and negotiated sales, rights-of-way sales, additional sales (under terms of contract) and small sales not let under specific provisions of the joint agreement between the Bureau of Land Management and the Small Business Administration, dated March 10, 1959.

²All types of sales let under the terms of the Bureau of Land Management and the Small Business Administration set-aside sale agreement of March 10, 1959.

Note.—This table includes data for timber sold by the Bureau of Land Management during fiscal year 1979, but the timber was not necessarily all cut, removed, and paid for during the same period. Data does not include timber dispositions made by free use permit or sales of other nontimber forest products.

Depletable timber is that which has been included in the inventory. Nondepletable timber is that which has not been included in the inventory and usually consists of salvageable logging debris, sanitation thinnings, etc. In compiling this table, depletable timber is equivalent to the former "green timber" designation, and nondepletable timber is equivalent to "salvage timber."

Western Oregon includes the revested O&C lands, the reconveyed Coos Bay Wagon Road land and the public lands west of Range 8E., Willamette Meridian. Eastern Oregon includes the public lands east of Range 8E., Willamette Meridian.

TABLE 41.—*Timber sales by master units in Western Oregon,
fiscal year 1979*

District and Master Unit	Volume MBF	Number	Value
Coos Bay:			
South Coast	230,136	209	\$71,221,971.60
Eugene:			
Siuslaw	110,024	160	34,175,914.56
Upper Willamette	104,663	135	29,955,392.47
Total Eugene District	214,687	295	64,131,307.03
Medford:			
Jackson	111,792	362	24,407,085.49
Josephine	103,006	299	26,495,109.13
Klamath	15,224	40	2,705,611.80
Total Medford District	230,022	701	53,607,806.42
Roseburg:			
Douglas	145,524	195	35,674,381.84
South Umpqua	42,597	81	9,858,761.85
Total Roseburg District	188,121	276	45,533,143.69
Salem:			
Aisea-Rickreall	74,471	77	23,526,158.00
Clackamas-Molall	33,425	65	8,486,537.15
Columbia	75,457	96	20,499,982.71
Santiam River	50,707	58	15,532,303.85
Total Salem District	234,060	296	68,044,981.71
Grand Total	1,097,026	1,777	302,539,210.45

Note.—Data includes trespass timber and other timber sold during the fiscal year (not necessarily cut) through advertised sales, additional sales (under terms of contract), rights-of-way sales, and contract reappraisals. Sales on nontimber forest products and timber dispositions made under free use permits are excluded.

TABLE 42.—Sales on public lands, fiscal year 1979

State	Regular sales ¹			Set-aside sales ²			Total sales		
	Volume MBF	Number	Value	Volume MBF	Number	Value	Volume MBF	Number	Value
Alaska	53	5	\$1,720.00	.....	.....	.....	53	5	\$1,720.00
California	10,197	38	1,252,849.37	.....	.....	.....	10,197	38	1,252,849.37
Colorado	7,931	28	257,352.08	.....	.....	.....	7,931	28	257,352.08
Idaho	5,574	3	731,524.53	.....	.....	.....	5,574	3	731,524.53
Montana	1,771	10	98,894.01	.....	.....	.....	1,771	10	98,894.01
New Mexico	334	2	12,597.80	.....	.....	.....	334	2	12,597.80
Oregon:									
Eastern	13,767	19	2,354,237.69	.....	.....	.....	13,767	19	2,354,237.69
Western	90,850	210	25,509,626.31	30,117	17	\$8,084,571.43	120,967	227	33,594,197.74
Washington	2,645	2	444,423.00	.....	.....	.....	2,645	2	444,423.00
Wyoming	2,266	10	65,044.67	.....	.....	.....	2,266	10	65,044.67
Total	135,388	327	30,728,269.46	30,117	17	8,084,571.43	165,505	344	38,812,840.89

¹"Regular sales", as used in this table, means all timber sale actions not effected specifically under the terms of the set-aside agreement between the Bureau of Land Management and the Small Business Administration, dated March 10, 1959.

²"Set-aside sales" are all such sale actions effected under the terms of and in accord with procedures laid down by the set-aside agreement between the Bureau of Land Management and the Small Business Administration, dated March 10, 1959.

Note.—Data include only timber sold during the fiscal year (not necessarily cut) through advertised sales, negotiated sales, additional sales (under the terms of contract), rights-of-way sales, and contract reappraisals. Sales of nontimber forest products, and timber dispositions made under free use permits or affected through a trespass action, are excluded.

Western Oregon includes the revested O&C lands, the reconveyed Coos Bay Wagon Road lands, and the public lands west of Range 9E., Willamette Meridian.

Eastern Oregon includes the public lands east of Range 8E., Willamette Meridian.

TABLE 43.—Free-use timber and nontimber forest products permits issued, fiscal year 1979

State	Permits	Timber granted					Total volume MBF	Value of timber granted	Value of nontimber granted	Total value of forest products granted
		Saw timber MBF	Cords MBF	Posts MBF	Poles MBF	Other MBF				
Alaska	161	4	596	.....	.....	108	708	\$21,242.50	\$5.00	\$21,247.50
Arizona	493	.....	747	.....	.....	.....	747	2,673.30	.....	2,673.30
California	109	.....	1,175	39	.....	.....	1,214	3,585.50	.....	3,585.50
Colorado	165	.....	334	.....	.....	.....	334	2,986.20	.....	2,986.20
Idaho	48	.....	141	.....	.....	.....	141	1,360.00	.....	1,360.00
Montana	390	.....	1,137	3	.....	.....	1,140	3,287.00	.....	3,287.00
Nevada	26	.....	.....	.....	.....	.....	.....	.....	26.00	26.00
Oregon:										
Eastern ¹	446	.....	1,525	.....	.....	.....	1,525	6,811.50	.....	6,811.50
Western ²	967	.....	1,085	.....	.....	.....	1,085	2,247.50	.....	2,247.50
South Dakota	74	.....	77	.....	.....	.....	77	78.25	.....	78.25
Utah	5,312	.....	11,826	7	.....	.....	11,833	80,870.00	.....	80,870.00
Total	8,191	4	18,643	49	.....	108	18,804	125,141.75	31.00	125,172.75

¹Eastern Oregon includes the public lands east of Range 8E., Willamette Meridian.

²Western Oregon includes the revested O&C lands, the reconveyed Coos Bay Wagon Road lands, and public lands west of Range 9E., Willamette Meridian.

Note.—Free use timber permits are issued under the Acts of June 30, 1878 (20 Stat. 88); March 3, 1891 (26 Stat. 1095); and July 21, 1947 (61 Stat. 681).

TABLE 44.—Free-use timber products permits issued by species,
fiscal year 1979

Species	Permits	Timber granted					Total volume timber granted	Value of timber granted
		Saw timber MBF	Cords MBF	Posts MBF	Poles MBF	Other MBF		
Black spruce	119		274			7	281	\$5,610.00
Cons fuelwood	2,682		6,018				6,018	23,847.75
Douglas fir	221		214			3	217	1,158.30
Jeffrey pine	5		8	5			13	161.00
Other hardwood	6	4	15				19	426.00
Pinon pine	4,909		10,435				10,435	75,607.00
Ponderosa pine	57		273				273	581.00
Quaking aspen	2		3				3	18.30
Western juniper	649		1,142	41			1,183	4,606.50
White birch	1		5				5	20.00
White spruce	27		256			101	357	13,105.50
Total	8,678	4	18,643	46		111	18,804	125,141.35

TABLE 45.—Sales of nontimber forest products in Western Oregon,
fiscal year 1979

Material	Unit	Quantity sold	Individual sales	Total sale price
Christmas trees	each	1,276	21	\$1,276.00
Marginal logs	bd. ft.	3,379,000	30	126,728.29
Native desert plant	each	1	1	.45
Total			52	128,004.74

Note.—Includes public lands west of Range 9E., Willamette Meridian.

TABLE 46.—Sales of nontimber forest products and other vegetal materials
on public lands, fiscal year 1979

Material	Unit	Quantity sold	Individual sales	Total sale price
Christmas trees	each	18,910	17,256	\$19,450.50
Hay	tons	15,083	19	193,367.45
Marginal logs	bd. ft.	3,379,000	30	126,728.29
Pinon nuts	pounds	1,200	1	1,200.00
Native desert plant	each	1	1	.45
Total			17,307	340,746.69

TABLE 47.—*Forest development accomplishments, fiscal year 1979*

State	Reforestation					Site productivity improvement	Genetic tree improvement		Stand improvement		Stand conversion
	Seeding	Planting	Site preparation	Protection	Release	Fertilization	Seeded	Planted	Pre-commercial thinning	Commercial thinning	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
California		806	25		40				170	280	
Colorado	368	71	128						146	674	
Idaho		85	80						255	153	
Montana			15						313	40	
South Dakota									107	140	
Oregon	62	31,016	20,419	4,343	12,167	1,531		96	10,102	2,850	
Washington									100		
Wyoming		140	223						93	182	600
Total	430	32,118	20,890	4,343	12,207	1,531		96	11,286	4,319	600

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Outdoor Recreation and Wildlife

The Bureau of Land Management protects, preserves, and manages the public land resources, much of which is valuable for outdoor recreation and wildlife. This includes preservation, protection and enhancement of open space values, land and water resources, natural phenomena and archeological, and historic values.

Because of the increasing importance of the public lands in satisfying the increased public needs and demands for outdoor recreation, the Bureau is maintaining an inventory system that provides statistics on the use of public lands for recreation and wildlife purposes. It includes data on visitor use of established and potential recreation sites as well as lands or sites leased to non-Federal interests for recreation purposes (Tables 50 and 51).

Outdoor recreation

To further protection and development of the public's recreation resource, revised outdoor recreation regulations were issued in January 1969. They relate to the use and development of recreation lands and identify circumstances under which use of such lands may be restricted in order to protect the public health, safety, natural resources and values. The object of the regulations is to promote public use and enjoyment of the public lands for outdoor recreation use in the manner that will protect the health, safety, and comfort of the public and preserve and protect natural resources and values.

Recreation facilities for camping and picnicking were first constructed in Western Oregon in 1960. As of fiscal year 1979, 410 recreation sites had been developed on all Bureau lands (Table 49).

Long-term recreation objectives of the Bureau are: To provide the maximum variety and supply of quality outdoor recreation uses on the public lands commensurate with public needs and resource potentials; and to preserve and protect significant natural historic and cultural resources, and provide for their public use and enjoyment where consistent with preservation goals. Within these objectives two major programs have developed.

The public needs are reflected in the Bureau's urban program which orients and increases recreation opportunity where the people are. The urban program will focus the Bureau's supply of public outdoor recreation in the Western States and Alaska on those areas directly accessible to the 16 major areas of more than 50,000 population.

The preservation goals and protection of significant resources are reflected in the Bureau's preservation, protection and environment program. Environmental quality in relation to people and the Nation's natural resources are of primary importance in this program.

Through comprehensive recreation planning for the public lands it administers, the Bureau recognizes many different recreation values. Various opportunities associated with these values will be realized, such as new camping and picnicking sites; peripheral facilities to alleviate much of the pressure on National Forests and parks; development and preservation of Wild and Scenic Rivers; management responsibilities associated with the National Trails System; identification of historic and archeological sites; wildlife habitat improvement; arid land development for recreation purposes; and water-based recreation on our reservoirs and rivers.

Specific recreation activities are coordinated government-wide within the framework of the Bureau's recreation programming and planning system. This provides an orderly planning process for the proper and timely utilization of the recreation resources.

Wildlife

Annually public land fish and wildlife resources contribute hundreds of thousands of dollars to sport and commercial users.

The Bureau's wildlife program provides for the protection and enhancement of fish and wildlife habitat and for access to hunting and fishing areas. Rare and endangered species habitat receives priority treatment. Recreationists, hunters, fishermen, birdwatchers, and nature viewers are assisted by the Bureau's wildlife programs of nature interpretation, hunting and fishing camp development, road construction to wildlife areas, wildlife maps developed in cooperation with State game and fish agencies, directional and interpretive signing programs and wildlife habitat management and improvement. Commercial values of wildlife habitat, such as salmon spawning areas, are protected by coordinated land planning and enhanced through positive wildlife habitat programs.

Central to the program is cooperation with State and Federal agencies engaged in the conservation and management of fish and wildlife and their habitats. State wildlife agencies are primarily responsible for the management of wildlife. The primary concern of the Bureau is for development and management of wildlife habitat. Policies and procedures for cooperation are defined in Memorandums of Understanding between each Bureau State Office and State wildlife agencies.

Table 48.—Recreation and Public Purposes Act leases in force for recreation and wildlife purposes, fiscal year 1979

State	To State		To Counties and cities		To nonprofit organizations		Annual rental
	Number	Acres	Number	Acres	Number	Acres	
Alaska	4	97	4	102	7	258	\$6.25
Arizona			5	182			
California			10	2,310	6	358	610.00
Colorado	3	207	9	1,783			652.00
Idaho	7	1,616	4	331	4	527	648.69
Minnesota			1	15			10.00
Montana	3	694	6	218	3	374	196.55
Nevada	4	1,462	48	2,891	11	1,378	2,958.00
New Mexico			59	10,957	6	1,445	2,254.00
North Dakota			1	40			10.00
Oregon	2	228	22	1,374	1	25	500.39
South Dakota	1	600	1	1	2	13	185.00
Utah			3	120	1	20	50.00
Washington	14	1,370	1	1			446.10
Wyoming	4	906	8	778	7	724	727.46
Total	42	7,180	182	21,103	48	5,122	9,254.44

Note.—Act of June 14, 1926 (44 Stat. 741), as amended, June 4, 1954 (68 Stat. 173), as amended.

TABLE 49.—Recreation sites administered by the Bureau of Land Management, fiscal year 1979

State	Number of sites	Developed acres	Number of family units			Total
			Picnic (day use)	Camping	Trailer space ¹	
Alaska	18	295	20	179	(136)	199
Arizona	15	963	114	1,073	(703)	1,187
California	68	4,809	246	2,401	(1,264)	2,647
Colorado	12	560	45	74	(69)	119
Idaho	29	517	110	165	(161)	275
Montana	6	119	44	145	(140)	189
Nevada	11	16,416	139	157	(133)	296
New Mexico	29	17,597	167	153	(115)	320
Oregon	130	1,282	591	684	(392)	1,275
South Dakota	20	10	20			20
Utah	37	1,764	160	208	(83)	368
Washington	3	15	3			3
Wyoming	32	5,335	29	26	(5)	55
Total	410	49,682	1,688	5,265	(3,201)	6,953

¹Included in camping units.

Note.—estimated data.

TABLE 50.—Estimated recreation visits to public lands under the jurisdiction of BLM, fiscal year 1979

State	Camping	Picnicking	Fishing	Hunting	Sightseeing	Watersports	Winter sports	Off-road vehicles	Other	Total
Alaska	2,970,000	580,000	2,510,000	2,450,000	3,200,000	100,000	1,810,000	10,000	500	13,630,500
Arizona	82,952	52,664	22,887	372,417	28,877,800	15,308	.....	139,147	733,393	30,296,568
California	893,479	86,753	98,210	1,855,725	7,053,342	187,842	64,491	15,085,792	603,165	25,928,799
Colorado	538,900	667,100	772,000	590,300	5,120,400	110,700	81,800	114,000	340,000	8,335,200
Idaho	187,000	185,000	2,142,000	352,000	300,000	170,000	87,000	138,000	55,000	3,616,000
Michigan	15,000	26,000	80,000	35,000	1,200	.....	.....	.....	.....	157,200
Minnesota	2,500	12,000	75,000	10,000	500	.....	.....	.....	.....	100,000
Montana	232,050	131,250	280,350	130,200	417,900	42,000	51,450	121,800	74,550	1,481,550
Nevada	142,000	124,900	120,216	180,892	17,473,975	24,400	5,900	575,750	46,600	18,694,633
New Mexico	55,400	103,000	44,900	464,100	8,193,000	105,720	15,900	73,925	84,200	9,140,145
North Dakota .....	.....	.....	.....	2,100	1,050	.....	.....	.....	.....	3,150
Oregon	404,146	336,813	630,138	812,539	16,520,193	123,120	135,554	78,514	134,990	19,176,007
South Dakota	40,300	55,650	2,100	14,700	55,650	.....	1,050	1,050	1,050	171,550
Utah	247,050	269,055	157,960	260,155	3,132,800	133,260	21,850	259,460	201,045	4,682,635
Washington	42,400	46,600	65,300	23,100	213,000	9,600	.....	9,800	.....	409,800
Wisconsin	15,000	25,000	5,000	1,000	2,000	.....	.....	.....	.....	48,000
Wyoming	284,305	315,150	259,318	288,585	8,862,366	49,061	42,673	238,220	48,455	10,388,133
Total	6,152,482	3,016,935	7,265,379	7,842,813	99,425,176	1,071,011	2,317,668	16,845,458	2,322,948	146,259,870

TABLE 51.—Estimated recreation visitor days on public lands under the jurisdiction of BLM, fiscal year 1979

State	Camping	Picnicking	Fishing	Hunting	Sightseeing	Watersports	Winter sports	Off-road vehicles	Other	Total
Alaska	1,865,000	213,800	1,004,300	542,000	1,123,000	90,000	303,000	5,000	2,000	5,148,100
Arizona	763,585	13,866	12,164	148,233	6,185,350	31,851	.....	89,529	246,844	7,491,422
California	1,396,062	38,729	49,105	1,237,150	2,612,349	82,750	5,550	7,323,200	4,021,100	16,765,995
Colorado	958,200	529,600	407,700	604,000	1,198,100	94,100	78,700	142,400	523,900	4,536,700
Idaho	475,000	184,000	6,322,000	350,000	288,000	170,000	87,000	136,000	57,000	8,069,000
Michigan	5,000	8,500	28,000	12,000	500	.....	.....	.....	.....	54,000
Minnesota	1,000	4,000	38,000	4,000	100	.....	.....	.....	.....	47,100
Montana	231,635	130,977	280,145	129,764	418,398	42,446	50,935	121,275	73,977	1,479,552
Nevada	135,400	31,630	57,816	118,749	2,886,897	8,500	1,450	145,700	16,030	3,402,172
New Mexico	60,700	117,125	53,950	305,000	6,077,000	77,000	4,400	169,700	122,600	6,987,475
North Dakota .....	.....	.....	.....	2,310	1,155	.....	.....	.....	.....	3,465
Oregon	865,394	130,694	759,135	992,456	1,006,177	96,025	88,231	83,291	76,968	4,098,371
South Dakota	1,000	3,000	.....	500	2,500	.....	.....	.....	.....	7,000
Utah	288,500	165,680	111,340	329,570	1,275,060	96,910	18,700	169,000	232,710	2,687,470
Washington	53,000	15,500	32,700	17,300	77,700	3,200	.....	7,700	.....	207,100
Wisconsin	6,000	8,000	1,000	300	800	.....	.....	.....	.....	16,100
Wyoming	395,417	159,690	209,501	229,540	2,460,764	34,604	23,734	161,850	30,720	3,705,820
Total	7,500,893	1,754,791	9,366,856	5,022,872	25,613,850	827,386	661,700	8,554,645	5,403,849	64,706,842

TABLE 52.—Estimated miles or acres of existing fishing streams, lakes and reservoirs, and riparian land and wetlands on public lands, fiscal year 1979

State	Lakes	Reservoirs	Miles of stream	Riparian	Wetland
Alaska	14,550,000		82,000	29,725,000	46,650,000
Arizona	1,050	15,890	181	11,800	2,400
California	9,231	2,373	623	56,237	102,930
Colorado	6,799	18,482	891	60,394	10,650
Idaho	8,860	36,865	2,807	56,609	10,868
Montana	7,749	22,308	400	126,544	14,931
Nevada	23,000	5,300	1,100	90,000	83,000
New Mexico		2,513	158	15,893	7,180
Oregon	5,924	29,983	4,745	175,775	44,120
Utah	150	9,064	947	71,495	7,473
Wyoming	6,311	14,321	1,468	45,642	18,356
Total	4,619,074	159,099	95,320	30,435,389	46,951,908

¹Does not include lakes less than 40 acres.

TABLE 53.—Estimated pounds of commercial fish spawned or produced and harvested on public lands, fiscal year 1979

State	Pounds of fish
Alaska	30,000,000
Oregon	781,000
Total	30,781,000

TABLE 54.—Estimated acres of important game and waterfowl habitat on public lands, fiscal year 1979

State	Big game	Small game	Waterfowl
Alaska	200,000,000	200,000,000	80,900,000
Arizona	11,705,000	11,387,000	2,800
California	5,144,428	16,387,000	96,990
Colorado	8,162,679	8,353,896	47,395
Idaho	8,636,820	11,875,469	81,545
Montana	6,365,847	5,015,696	50,486
Nevada	25,300,000	41,700,000	42,600
New Mexico	10,166,324	12,487,157	9,940
Oregon	13,026,386	10,499,486	74,022
Utah	20,072,682	22,222,978	47,982
Wyoming	17,180,463	15,136,246	263,975
Total	325,760,629	355,064,928	81,617,735

TABLE 55.—Estimated number of big game animals on public lands, fiscal year 1979

State	A ✓		BHS ✓			6mo ✓		✓		Moose	Mountain goat	Total
	Antelope	Barbary sheep	Bear	Bighorn sheep	Buffalo	Caribou	Deer	Elk	Javelina			
Alaska			70,000	35,000	600	230,000	40,000	600		80,000	8,000	464,200
Arizona	260		10	2,150			9,850	20	2,700			14,990
California	5,340		540	1,135			125,500	707				133,222
Colorado	8,225		718	589			162,205	42,956				214,693
Idaho	9,620		415	505	2		52,290	6,660		170	10	69,672
Montana	28,558		275	341			78,755	2,825		83	35	110,872
Nevada	4,810			3,106			145,974	100				153,990
New Mexico	4,500	350	62	19			35,400	700	750			41,781
Oregon	8,605		1,525	345			272,000	11,970			180	294,625
Utah	2,625		200	465	175		108,000	1,695		15		113,175
Wyoming	126,294		285	1,635			166,765	36,050		1,883	10	332,922
Total	198,837	12 ^{mo} 350	74,030	12 45,290	12 777	230,000	1,196,739	6 ^{mo} 104,283	3,450	6 82,151	6 8,235	1,944,142

Dall Sheep.

$$A \ 198,837 \times 12 =$$

$$\underline{2,386,044}$$

$$5 \ 477,208 \text{ aums}$$

$$BHS \ 45,290 \times 12 =$$

$$\underline{543,480}$$

$$5 = 108,696$$

$$D \ 1,196,739 \times 12 =$$

$$\underline{14,360,868}$$

$$4 = 3,590,217 \text{ aums}$$

$$E \ 104,283 \times 12 =$$

$$\underline{1,251,396 \text{ Elam}}$$

$$1.25 \ 1,001,117$$

+ 80% of their time on F.S

mule deer: 6 mo use

3,017,691 demand
3,000.

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Outdoor Recreation and Wildlife

TABLE 56.—*Wildlife habitat improvements, fiscal year 1979*

State	Fence modifications	Pro- tective fencing	Pre- scribed burning	Plant- ing seeding	Disking chain- ing	New water facilities	Water facilities improved	Dens & nests facilities
	<i>Number</i>	<i>Miles</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Alaska ¹				60				22
Arizona.....		2	10,000	450		13	7	10
California.....		8	675	1	200	1	41	
Colorado.....	22	6	1,502	90		31	28	50
Idaho.....		826	6,060	1,383		2	35	189
Montana.....	11	2	5			5	5	18
Nevada.....	3	22	4,460	5,840			100	
New Mexico.....	30			2,300	500	36	49	
Oregon.....		4	90	360	80	24		25
Utah.....	8	4	2,650	1,650	25	11	16	4
Wyoming.....	2	8	200	26		33		78
Total.....	76	882	25,642	12,160	805	156	281	396

State	Perch & roost structures	Streambank stabiliz- ation	Instream structures	Spawning bed development	Barrier removal	Wetland improve- ments	Meadow develop- ment
	<i>Number</i>	<i>Shoreline Miles</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Alaska ¹			1			130	
Arizona.....							
California.....		1	9	8	1		
Colorado.....		3					15
Idaho.....	13		5				30
Montana.....	13						
Nevada.....		11	34		100		605
New Mexico.....							
Oregon.....		59	41		11		
Utah.....		1	9	1		85	275
Wyoming.....	25	3	20				
Total.....	51	78	119	9	112	215	925

¹Few habitat improvements are being made in Alaska at this time due to the general pristine condition of the habitat and the uncertainties with pending land transfers as required by the Alaska Native Claims Settlement Act and proposed legislation.

Note.—This table provides an overview of habitat improvements on the public lands in 1979. It is not an all inclusive breakdown of the improvements, but it does show the general nature and extent of such improvements.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Range Management

The range management activities of the Bureau of Land Management are carried out as one of the multiple uses of rangelands which comprise a substantial portion of the public lands in the 11 Western States and Alaska.

The most universal use of the rangelands at this time, by livestock, wild free-roaming horses and burros, and wildlife, is the utilization of the forage produced and natural habitat provided. The Bureau administers 54 grazing districts under the authority of the Taylor Grazing Act. These districts encompass 155,737,920 acres of Federal range (Table 57). During grazing-fee year 1979: 12,862 operators (Table 59) held 14,925 licenses or permits (Table 60) to graze 3,531,094 livestock animals to the extent of 9,385,393 animal-unit-months (Table 59). Gross receipts from grazing use returned to the U.S. Treasury from public lands within the districts totaled \$16,190,341. In addition, \$900,878 (Table 113) was received for grazing use on 12,645,012 acres of LU lands and other reserved lands administered by the Bureau (Table 57).

Public lands outside of the districts in the Western States are used for grazing purposes under authority of Section 15 of the Taylor Grazing Act. Approximately 24,704,937 acres (Table 64), were leased to 10,262 operators (Table 63) under 9,884 separate leases (Table 64). Receipts from Section 15 grazing authorizations totaled \$2,785,924 (Table 113). Under the Alaska Grazing Act, 27 leases were issued for a total of 774,192 acres (Table 64). Estimated Alaska grazing use totaled 48,464 animal-unit-months by 3,496 cattle and horses, and 672 sheep and goats (Table 67).

TABLE 57.—Area and status of land within grazing districts, fiscal year 1979

State	Lands administered by the Bureau of Land Management							Lands administered by other owners				
	Vacant public lands	Reserved lands		Other Federal lands from which		Non-Federal lands administered		Total	Federal lands	Private, State, etc. lands	Total	Grand Total
		LU	Other	Fees go to BLM	Fees go to other agencies	Under the Pierce Act	By other agreement					
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Arizona	9,917,906	37,072	882,024	87,386	284,889	.....	.....	11,209,277	2,682,554	5,060,592	7,743,146	18,952,423
California	2,440,047	.....	1,109,951	499,902	160	.....	75,934	4,125,994	19,104	2,804,638	2,823,742	6,949,736
Colorado	5,599,684	36,017	1,823,975	376,671	920	.....	32,682	7,869,949	42,475	8,653,638	8,696,113	16,566,062
Idaho	11,036,370	72,276	319,683	366,392	369,688	.....	499,599	12,664,008	461,296	9,495,228	9,956,524	22,620,532
Montana	4,981,097	1,862,976	41,719	26,170	30,360	1,200	30,449	6,973,971	986,130	23,675,912	24,662,042	31,636,013
Nevada	44,340,572	3,127	656,336	708,304	1,660	.....	1,453,673	47,163,672	3,617,567	8,428,668	12,046,255	59,209,927
New Mexico	10,858,188	227,006	310,865	547,897	59,717	.....	2,416	12,006,089	2,771,523	7,777,195	10,548,718	22,554,807
Oregon	12,496,757	80,176	200,601	5,109	27,516	.....	964,579	13,774,738	131,680	6,976,526	7,108,206	20,882,944
Utah	20,374,546	16,610	1,661,408	1,833,423	60,167	.....	1,221,412	25,167,566	623,142	12,390,946	13,014,088	38,181,654
Wyoming	11,060,522	.....	3,303,190	143,057	149,156	5,767	120,964	14,782,656	91,560	8,820,971	8,912,531	23,695,187
Total	133,105,689	2,335,260	10,309,752	4,594,311	984,233	6,967	4,401,708	155,737,920	11,427,031	94,084,314	105,511,365	261,249,285

TABLE 58.—*Authorized use of grazing district lands,
grazing-fee years 1974-1978*

State	A. ANIMAL UNITS				
	1974	1975	1976	1977	1978
Arizona	73,312	70,638	82,102	80,276	90,271
California	74,925	61,688	77,266	68,873	59,812
Colorado	321,881	331,880	336,903	299,625	184,488
Idaho	411,319	482,235	434,958	416,868	356,164
Montana	361,920	320,911	338,421	311,027	187,166
Nevada	435,682	441,990	414,549	387,017	353,760
New Mexico	244,848	301,419	279,194	257,438	188,425
Oregon	203,188	209,719	200,795	190,620	189,299
Utah	249,486	246,800	272,439	252,349	198,254
Wyoming	484,392	460,407	497,020	421,972	289,485
Total	2,860,953	2,927,687	2,933,647	686,065	2,097,124
State	B. ANIMAL UNIT MONTHS				
	1974	1975	1976	1977	1978
Arizona	515,426	469,520	493,240	458,168	516,304
California	188,587	170,127	250,509	215,094	234,488
Colorado	579,430	565,260	574,779	467,259	441,288
Idaho	1,186,478	1,147,314	1,140,963	894,210	1,105,124
Montana	1,247,568	1,093,774	1,078,357	970,473	927,999
Nevada	2,039,444	2,068,677	2,019,365	1,689,856	1,846,936
New Mexico	1,462,373	1,470,259	1,480,503	1,425,707	1,412,041
Oregon	922,085	923,719	909,468	834,358	886,820
Utah	976,795	1,026,071	1,023,088	933,666	831,024
Wyoming	1,274,893	1,304,468	1,257,458	1,205,403	1,182,954
Total	10,393,079	10,239,189	10,227,730	9,094,194	9,384,978

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Range Management

TABLE 59.—*Summary of authorized use (does not include nonuse, tralling, or exchange-of-use) of grazing district lands, grazing-fee year 1978*

State	Cattle	Horses ¹	Sheep and goats	Total
Number of operators				
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Arizona	455	4	7	466
California	235	5	25	265
Colorado	1,217	11	209	1,437
Idaho	1,656	12	168	1,836
Montana	2,596	5	136	2,737
Nevada	615	6	80	701
New Mexico	1,427	30	281	1,738
Oregon	758	6	5	769
Utah	1,493	10	389	1,892
Wyoming	824	12	185	1,021
Total operators	11,276	101	1,485	12,862
Number of livestock				
Arizona	87,192	568	12,555	100,315
California	49,938	74	48,998	99,010
Colorado	142,326	1,808	201,771	345,905
Idaho	274,151	1,062	404,756	679,969
Montana	177,927	593	43,229	221,749
Nevada	310,145	1,572	210,213	521,930
New Mexico	165,528	2,410	102,433	270,371
Oregon	187,364	578	6,787	194,729
Utah	119,992	413	389,246	509,651
Wyoming	213,270	1,720	372,475	587,465
Total livestock	1,727,833	10,798	1,792,463	3,531,094
Animal units				
Arizona	87,192	568	2,511	90,271
California	49,938	74	9,800	59,812
Colorado	142,326	1,808	40,354	184,488
Idaho	274,151	1,062	80,951	356,164
Montana	177,927	593	8,646	187,166
Nevada	310,145	1,572	42,043	353,760
New Mexico	165,528	2,410	20,487	188,425
Oregon	187,364	578	1,357	189,299
Utah	119,992	413	77,849	198,254
Wyoming	213,270	1,720	74,495	289,485
Total animal units	1,727,833	10,798	358,493	2,097,124
Animal-unit-month of use				
Arizona	505,021	5,849	5,849	516,719
California	209,365	223	24,900	234,488
Colorado	365,455	3,244	72,589	441,288
Idaho	951,973	5,676	147,475	1,105,124
Montana	866,578	4,003	57,418	927,999
Nevada	1,649,645	10,203	187,088	1,846,936
New Mexico	1,257,687	21,630	132,724	1,412,041
Oregon	879,516	3,422	3,882	886,820
Utah	551,094	1,898	278,032	831,024
Wyoming	859,884	9,328	313,742	1,182,954
Total animal-unit-months of use	8,096,218	65,476	1,223,699	9,385,393

¹Includes burros and mules.

TABLE 60.—Grazing authorizations in force on grazing district lands, grazing-fee year 1978

State	Cattle	Horses ¹	Sheep and goats	Total
Regular permits or licenses				
Arizona	454	4	7	465
California	235	5	25	265
Colorado	1,216	11	209	1,436
Idaho	1,656	12	168	1,836
Montana	2,596	4	136	2,736
Nevada	614	6	80	700
New Mexico	1,352	19	108	1,479
Oregon	758	6	5	769
Utah	1,493	9	388	1,890
Wyoming	823	11	185	1,019
Total regular	11,197	87	1,311	12,595
Free-use licenses				
Arizona	1			1
California				
Colorado	1			1
Idaho				
Montana		1		1
Nevada	1			1
New Mexico	75	11	173	259
Oregon				
Utah		1	1	2
Wyoming	1			2
Total free use	79	14	174	267
Crossing and trailing permits				
Arizona				
California			4	4
Colorado	17		38	55
Idaho	32		40	72
Montana				
Nevada	4		8	12
New Mexico				
Oregon	4		2	6
Utah	44		22	66
Wyoming	30		59	89
Total crossing permits	131		173	304
Exchange-of-use-agreements				
Arizona	1			1
California	47	1	5	53
Colorado	44	1	9	54
Idaho	325	5	20	350
Montana	227	2	3	232
Nevada	79	2	8	89
New Mexico	26	1	5	32
Oregon	284	12	1	297
Utah	311	3	109	423
Wyoming	182	3	43	228
Total exchange-of-use	1,526	30	203	1,759
Grand Total	12,933	131	1,861	14,925

¹Includes burros and mules.

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Range Management

TABLE 61.—Authorized livestock (by types of permit) on grazing district lands, grazing-fee year 1978

State	Cattle	Horses ¹	Sheep and goats	Total
Active use				
Arizona	87,190	568	12,555	100,313
California	49,938	74	48,998	99,010
Colorado	142,320	1,808	201,771	345,899
Idaho	274,151	1,062	404,756	679,969
Montana	177,927	591	43,229	221,747
Nevada	310,140	1,572	210,213	521,925
New Mexico	165,066	2,083	97,463	264,612
Oregon	187,364	578	6,787	194,729
Utah	119,992	410	388,196	508,598
Wyoming	213,264	1,714	372,475	587,453
Total active use	1,727,352	10,460	1,786,443	3,524,255
Nonuse				
Arizona	21,595	48	.....	21,643
California	13,573	9	44,398	57,980
Colorado	34,988	182	165,250	200,420
Idaho	43,136	145	245,319	288,600
Montana	7,721	31	1,453	9,205
Nevada	118,870	127	471,989	590,986
New Mexico	41,230	48	13,439	54,717
Oregon	37,134	36	8,455	45,625
Utah	66,128	204	357,826	424,158
Wyoming	60,542	366	352,952	413,860
Total nonuse	444,917	1,196	1,661,081	2,107,194
Free use				
Arizona	2	.....	.....	2
California .....	.....	.....	.....	.....
Colorado	6	.....	.....	6
Idaho .....	.....	.....	.....	.....
Montana .....	.....	2	.....	2
Nevada	5	.....	.....	5
New Mexico	462	327	4,970	5,759
Oregon .....	.....	.....	.....	.....
Utah .....	.....	3	1,050	1,053
Wyoming	6	6	.....	12
Total free use	577 ² 481	338	6,020	6,839
Crossing and trailing				
Arizona .....	.....	.....	.....	.....
California .....	.....	.....	5,750	5,750
Colorado	4,385	550	20,040	24,975
Idaho	11,717	.....	99,978	111,695
Montana .....	.....	.....	.....	.....
Nevada	2,166	.....	39,754	41,920
New Mexico .....	.....	.....	.....	.....
Oregon	1,141	.....	1,900	3,041
Utah	6,596	.....	22,123	28,719
Wyoming	9,537	.....	91,737	101,274
Total crossing and trailing	35,542	550	281,282	317,374
Exchange-of-use				
Arizona	32	.....	.....	32
California	3,800	4	4,584	8,388
Colorado	2,465	336	7,954	10,755
Idaho	26,350	276	24,251	50,877
Montana	17,675	50	228	17,953
Nevada	11,077	141	12,578	23,796
New Mexico	201	12	135	348
Oregon	23,519	384	3,210	27,113
Utah	10,732	87	54,834	65,653
Wyoming	19,642	86	35,675	55,403
Total exchange-of-use	115,493	1,376	143,449	260,318
Grand Total	2,323,785	13,920	3,878,275	6,215,980

¹Includes burros and mules.

TABLE 62.—*Animal unit months (by type of use) of authorized use of grazing district lands, grazing-fee year 1978*

State	Cattle	Horses ¹	Sheep and goats	Total
Active use				
	<i>AUM's</i>	<i>AUM's</i>	<i>AUM's</i>	<i>AUM's</i>
Arizona	504,997	5,849	5,434	516,280
California	209,365	223	24,900	234,488
Colorado	365,431	3,244	72,589	441,264
Idaho	951,973	5,676	147,475	1,105,124
Montana	866,578	3,987	57,418	927,983
Nevada	1,649,625	10,203	187,088	1,846,916
New Mexico	1,254,147	18,457	122,310	1,394,914
Oregon	879,516	3,422	3,882	886,820
Utah	551,094	1,883	277,318	830,295
Wyoming	859,847	9,302	313,742	1,182,891
Total active use	8,092,573	62,246	1,212,156	9,366,975
Nonuse				
Arizona	132,494	478	.....	132,972
California	17,615	23	4,573	22,211
Colorado	80,958	300	106,984	188,242
Idaho	123,784	912	125,586	250,282
Montana	20,176	294	414	20,884
Nevada	424,520	646	253,107	678,273
New Mexico	269,663	315	11,395	281,373
Oregon	70,161	106	3,309	73,576
Utah	206,486	1,024	199,802	407,312
Wyoming	134,728	797	246,651	382,176
Total nonuse	1,480,585	4,895	951,821	2,437,301
Free use				
Arizona	24	.....	.....	24
California .....	.....	.....	.....	.....
Colorado	24	.....	.....	24
Idaho .....	.....	.....	.....	.....
Montana .....	.....	16	.....	16
Nevada	20	.....	.....	20
New Mexico	3,540	3,173	10,414	17,127
Oregon .....	.....	.....	.....	.....
Utah .....	.....	15	714	729
Wyoming	37	26	.....	63
Total free use	3,645	3,230	11,128	18,003
Crossing and trailing				
Arizona .....	.....	.....	.....	.....
California .....	.....	.....	582	582
Colorado	289	37	1,351	1,677
Idaho	1,161	.....	4,046	5,207
Montana .....	.....	.....	.....	.....
Nevada	190	.....	1,878	2,068
New Mexico .....	.....	.....	.....	.....
Oregon	89	.....	50	139
Utah	567	.....	1,018	1,585
Wyoming	809	.....	3,201	4,010
Total crossing and trailing	3,105	37	12,126	15,268
Exchange-of-use				
Arizona	96	.....	.....	96
California	12,983	10	1,499	14,492
Colorado	3,813	1,267	3,238	8,318
Idaho	67,441	1,604	6,465	75,510
Montana	84,626	212	189	85,027
Nevada	64,443	494	7,287	72,224
New Mexico	837	180	435	1,452
Oregon	79,644	2,260	1,284	83,188
Utah	33,777	490	21,437	55,704
Wyoming	66,813	288	21,681	88,782
Total exchange-of-use	414,473	6,805	63,515	484,793
Grand Total	9,994,381	77,213	2,250,746	12,322,340

¹Includes burros and mules.

TABLE 63.—*Estimated use of Taylor Grazing Act grazing-lease lands, grazing-fee year 1978*

State	Operators	Cattle and horses	Sheep and goats	Estimated actual use	Estimated capacity available
	Number	Number	Number	AUM's	AUM's
Arizona	585	110,423	8,544	313,705	371,863
California	560	58,922	117,307	171,909	269,094
Colorado	801	40,330	51,069	112,392	150,056
Idaho	598	78,866	154,331	43,554	43,513
Kansas	5	6	.....	41	120
Montana	2,514	80,044	54,778	728,933	786,447
Nebraska	40	898	.....	1,232	1,329
Nevada	17	3,469	20	34,804	52,500
New Mexico	890	19,481	22,203	274,614	294,424
North Dakota	95	8,480	3,500	9,600	9,600
Oklahoma	11	56	.....	426	614
Oregon:					
O&C lands	157	6,777	549	15,117	23,969
Public lands	526	32,987	1,845	59,121	63,518
South Dakota	362	9,000	4,815	72,305	75,000
Utah	1,032	83,776	269,896	483,504	614,286
Washington	405	10,099	1,500	31,141	32,741
Wyoming	1,664	263,446	535,036	462,405	144,346
Total	10,262	807,060	1,225,393	2,814,803	2,933,420

TABLE 64.—*Grazing leases in force, grazing-fee year 1978*

State	Number	Acres	Annual rental
Alaska ¹	29	774,192	\$5,013.80
Arizona	442	1,435,185	276,125.51
California	560	4,108,335	324,838.00
Colorado	472	418,978	107,100.90
Idaho	598	333,571	73,210.39
Kansas	5	640	62.00
Montana	2,542	3,800,032	1,396,801.15
Nebraska	40	3,227	1,860.00
Nevada	17	2,030	52,554.04
New Mexico	900	1,573,016	515,649.01
North Dakota	95	53,301	18,144.00
Oklahoma	11	5,000	805.14
Oregon:			
O&C lands ²	157	255,052	30,974.82
Public lands	526	583,372	107,265.56
South Dakota	362	271,253	136,656.45
Utah	873	8,527,395	893,473.00
Washington	405	217,700	58,873.50
Wyoming	1,850	2,342,658	855,875.81
Total	9,884	24,704,937	4,855,283.08

¹Authority for the issuance of grazing leases in Alaska is found in the Act of March 4, 1927 (44 Stat. 1452).

²Issued pursuant to the authority contained in the Act of August 28, 1937 (50 Stat. 874).

Note.—All leases shown in this table except those in Alaska and on the O&C lands in Oregon, were issued pursuant to the authority contained in Sec. 15, Act of June 28, 1934 (48 Stat. 1269).

**TABLE 65.—Wild free-roaming horses and burros,
grazing-fee year 1977-1978 (estimated)**

State	Horses	Burros	Total
Arizona	70	3,780	3,850
California	3,700	3,845	7,545
Colorado	990		990
Idaho	1,200	10	1,210
Montana	300		300
Nevada	31,800	1,420	33,220
New Mexico	70	25	95
Oregon	4,050		4,050
Utah	2,150	80	2,230
Wyoming	9,700		9,700
Total	54,030	9,160	63,190

Note.—Figures estimated from biennial census in 1978.

**TABLE 66.—Wild free-roaming horses and burros placed in private maintenance
(16 U.S.C. 1333), grazing-fee years 1971-1978**

State	1971-1976		1977		1978		Total	
	Horses	Burros	Horses	Burros	Horses	Burros	Horses	Burros
Arizona	2	119	13	354	6	326	21	799
California	414	82	689	373	823	173	1,926	628
Colorado	46		325	1	131		502	1
Idaho	12		51		240		303	
Montana	77		17		5	2	99	2
Nevada	1,008	28	1,244	7	1,067	58	3,319	93
New Mexico		15	32	3	73	14	105	32
Oregon	1,973		1,671	2	1,176		4,820	2
Utah	69	1	316		162		547	1
Wyoming	609		1,033		607		2,249	
Total	4,210	245	5,391	740	4,290	573	13,891	1,558

**TABLE 67.—Estimated use of grazing-lease lands, Alaska,
grazing-fee year 1978**

Operators	Cattle and horses	Sheep and goats	Estimated actual use	Estimated capacity available
Number 24	Number 3,496	Number 672	AUM's 48,464	AUM's 91,146

Note.—Act of March 4, 1927 (44 Stat. 1452; 48 U.S.C. 471, 471a-471o).

**TABLE 68.—Estimated permitted use by reindeer of public lands, Alaska,
grazing-fee year 1978**

Permits	Reindeer	Estimated actual use	Estimated capacity available
Number 16	Number 15,000	AUM's 35,600	AUM's 51,000

Note.—Act of September 1, 1937 (50 Stat. 900; 48 U.S.C. 250k).

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Resource Conservation and Development

Bureau of Land Management programs in resource conservation and development emphasizes the rehabilitation and development of public lands to control water runoff, to minimize soil erosion, siltation and other destructive consequences of uncontrolled water flows, and to maintain and improve the quality and quantity of surface and subsurface water. Such operations are conducted under authority of the National Soil Conservation Act, the Taylor Grazing Act, and the Multiple Use Act. A range improvement program authorized by the Taylor Grazing Act provides range use facilities to aid range management and utilization. The National Halogeton Control Act provides authority for control of poisonous and noxious weeds on the public lands.

Table 70 shows the major accomplishments under these programs during fiscal year 1979.

*brush
hazes
wildlife*

*Total ÷ result
40%*

TABLE 69.—*Soil and watershed conservation program accomplishments, fiscal year 1979*

Practice	Unit of measurement	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization and Improvement													
Brush control	Acres		500							1,537			2,037
Seeding	Acres					1,200				1,286			2,486
Water Management													
Detention and diversions	Cubic Yards								10,220	3,000	120		13,340
	Number								1	1	1		3
Dikes	Cubic Yards								1,100				1,100
Reservoirs	Number				10	10				15			35
	Cubic Yards				11,247	32,000				14,000			57,247
Springs	Number				1	40				1			42
Program Facilities													
Cattleguards	Number				2						3		5
Fencing	Miles				4	20				2			26
Trails	Miles				3								3

¹Includes Washington.

TABLE 70.—Range improvement program accomplishments, fiscal year 1979

Practice	Unit of measurement	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization and Improvement													
Brush Control	Acres			4,700	540						4,122	200	9,562
Seeding	Acres			4,700	2,349		85				4,130		11,264
Water Management													
Pipelines	Miles		20		16		7			33	41	13	130
Reservoirs	Number			3	12		71			36	7	3	132
	Cubic Yards			64,672	47,000		213,000			121,162	12,000	5,100	462,934
Springs	Number		3	6	25	41	12			22	17	5	131
Water Catchments	Number		14		3				4		5		26
	Gallons		840,000		80,000				44,000		400,000		1,364,000
Wells	Number		4	14	8		2		6	2	5	35	76
Program Facilities													
Cattleguards	Number		4		7	20	4	56	19	11	37	12	170
Fencing	Miles		12	5	51	11	10	191	58	76	66	23	503
Trails	Miles				1								1
Corrals	Number								3		1		4

¹Includes Washington.

TABLE 71.—Private range improvements constructed on public lands, fiscal year 1979

Practice	Unit of measurement	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon	Utah	Wyoming	Total
Water Management													
Pipelines	Miles								8				8
Reservoirs	Number		2		3	7				1	5	1	19
	Cubic Yards		10,000		5,900	22,400				1,600	5,000	3,000	47,900
Wells	Number				1				1	1	5		8
Springs	Number										2		2
Program Facilities													
Cattleguards	Number		15							6		1	22
Fencing	Miles		4	3		8			7	17		1	40
Corrals	Number								1				1
Trails	Miles										1		1

TABLE 72.—Total conservation and improvement accomplishments, fiscal year 1979

Practice	Unit of measurement	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization and Improvement													
Brush control	Acres		500	4,700	540					1,537	4,122	200	11,599
Seeding	Acres			4,700	2,349	1,200	85			1,286	4,130		13,750
Water Management													
Detention and diversions	Cubic Yards								10,220	3,000	120		13,340
	Number								1	1	1		3
Dikes	Cubic Yards								1,100				1,000
Pipelines	Miles	20		16			7		8	33	41	13	138
Reservoirs	Number	2	3	25	17	71				52	12	4	186
	Cubic Yards	10,000	64,672	64,147	54,400	213,000				136,762	17,000	8,100	568,081
Springs	Number	3	6	26	81	12				23	19	5	175
Water catchments	Number	14		3					4		5		26
	Gallons		840,000		80,000				44,000		400,000		1,364,000
Wells	Number	4	14	9		2			7	3	10	35	84
Program Facilities													
Cattleguards	Number		19		9	20	4	56	19	20	37	13	197
Fencing	Miles		16	8	55	39	10	191	65	95	66	24	569
Trails	Miles				4						1		5
Corrals	Number								4		1		5

¹Includes Washington.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Minerals Leased or Sold Locatable Minerals

The Bureau of Land Management administers the public mineral resources of the United States and encourages their development in accordance with statutory provisions and the principles of conservation. The lands subject to mineral development aggregate approximately 822 million acres, including the remaining public lands administered by the Bureau and other agencies, acquired lands, and lands which have been patented with some or all minerals reserved to the United States. Additionally, submerged lands of the Outer Continental Shelf are subject to mineral development.

Authority for disposition of mineral lands and resources is contained in the General Mining Laws of 1872, the Mineral Leasing Act of 1920, and the Outer Continental Shelf Act of 1953, leasing acts which pertain to acquired lands and special areas, and the Materials Disposal Act of 1947. Resulting activities are the location and patenting of mining claims; competitive and noncompetitive leasing of lands for oil, gas, potash, coal and other minerals; competitive leasing on the Outer Continental Shelf for oil, gas, and other minerals; and the sale and free use disposal of mineral materials not subject to the mining or leasing laws.

The Bureau issued 42 mineral patents during 1979 covering 9,315 acres of Federal land (Table 15).

A total 49 mineral patent applications on all Federal lands was adjudicated during fiscal year 1979. Field investigation of 24 patent applications on Bureau administered lands were made and 21 cases were recommended for allowance (Table 84).

As of fiscal year 1979, there were 107,014 mineral leases in effect of 96,109,022 acres of public domain lands (Table 79). There were 162 prospecting permits and coal licenses outstanding on another 372,763 acres of public lands (Table 73). Also in force were 14,467 leases, licenses, and permits on 8,413,367 acres of acquired lands (Table 78). The great majority of leases, licenses, and permits are for oil and gas.

Mineral production from both public domain, acquired, and other Federal lands during fiscal year 1979 included 153,306,320 barrels of petroleum; 1,050,344,189 thousand cubic feet of natural gas; 279,996,482 gallons of gasoline and liquid petroleum gas; 74,949,377 short tons of coal, potash, and other minerals (Table 74, 75, and 77). In addition, 290,138,222 barrels of petroleum and 4,628,254,102 thousand cubic feet of natural gas were produced from the submerged lands of the Outer Continental Shelf (Table 77).

A total of 516 sales of materials other than vegetal, principally mineral materials, yielded \$9,100,618 and the estimated value of material in 907 free-use permits to governmental agencies and nonprofit groups amounted to \$19,286,044 during the fiscal year (Table 82).

Total receipts during fiscal year 1979 from all mineral leasing activities including rentals, royalties, and bonuses from lands and the Outer Continental Shelf conducted by the Bureau were \$3,267,375,733 (Table 113).

TABLE 73.—*Mineral permits and licenses on public lands, fiscal year 1979*

State	Type of permit										Coal licenses		Total permits and licenses	
	Coal		Potash		Sodium		Other		Total					
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Arizona			4	4,835					4	4,835			4	4,835
California					7	8,850	1	2,434	8	11,284			8	11,284
Colorado			1	1,667	4	9,431			5	11,098	16	51,011	21	62,109
Idaho							5	3,080	5	3,080			5	3,080
Montana											3	80	3	80
Nevada			4	6,063	31	75,486			35	81,549			35	81,549
New Mexico	25	72,309	34	64,352	1	520			60	137,181			60	137,181
Utah			21	49,558					21	49,558			21	49,558
Washington							1	40	1	40			1	40
Wyoming											4	23,047	4	23,047
Total	25	72,309	64	126,475	43	94,287	7	5,554	139	298,625	23	74,138	162	372,763

¹Phosphate.²Lead.

Source: Geological Survey, U.S. Department of the Interior.

TABLE 74.—*Mineral production from public lands, fiscal year 1979*

State	Type of mineral									
	Petroleum	Natural gas	Gasoline and liquid petroleum gas	Carbon dioxide	Sulphur	Coal	Phosphate	Potash	Silica sand	Sodium
	<i>Barrels</i>	<i>MCF</i>	<i>Gallons</i>	<i>MCF</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Alabama	2,714		523			1,777				
Alaska	4,672,500	77,884,033	3,343,621							
Arkansas		516,180								
California	15,073,504	4,320,974	15,701,049	891			5,352	175,236		790,763
Colorado	11,100,048	59,551,455	19,815,411	67,071		7,401,530				9,294
Idaho							6,911,243			
Kansas	303,897	12,389,390								
Louisiana	375,324	1,212,072	314,987							
Mississippi	28,376									
Montana	6,522,488	12,154,521	3,479,151		4,363	7,964,316	65,172			
Nebraska	65,503	621,304	1,130,767							
New Mexico	24,611,522	614,786,347	113,038,436		209,238	4,660,225		3,565,085		159,131
Nevada	1,278,595						1744,408	929		28,522
North Dakota	1,483,190	446,241	220,855		37	589,079				
Oklahoma	177,023	11,197,168	106,719			333,773			108,974	
South Dakota	150,497	76,186								
Utah	5,354,559	23,489,396	22,759,191	216,136		6,778,615	24,717	29,514		
Washington						215,622				
Wyoming	75,886,476	194,244,837	88,454,854		292,310	31,136,664				2,673,106
Total	147,086,216	1,012,890,104	268,365,564	284,098	505,948	59,081,601	7,730,892	3,770,764	137,496	3,634,857

¹Sand and Gravel.

²Gilsonite.

Source: Geological Survey, U.S. Department of the Interior.

TABLE 75.—*Mineral production from acquired lands, fiscal year 1979*

Type of mineral by State	Volume of production	Type of mineral by State	Volume of production
Petroleum		Barite	
	<i>Barrels</i>		<i>Short Tons</i>
Alabama	7,181	Illinois	1,219
Arkansas	900	Bentonite	
California	293,681	Wyoming	63,404
Colorado	6,663	Coal	
Florida	1,878	Kentucky	59,637
Illinois	145	Copper	
Kansas	59,129	Missouri	14,368
Louisiana	1,624,964	Feldspar	
Michigan	92,495	Georgia	34,065
Mississippi	985,852	Fluorspar	
Montana	25,867	Illinois	10,881
Nebraska	299	Garnet	
New Mexico	2,612	Idaho	195
North Dakota	2,480,209	Iron Ore	
Ohio	1,234	Minnesota	35,233
Oklahoma	39,267	Lead	
Texas	153,387	Illinois	12
Utah	45,044	Missouri	471,771
Wyoming	113,823	Total lead	471,783
Total petroleum	5,934,620	Limestone	
Natural Gas		Virginia	8,991
	<i>MCF</i>	Quartz Crystals	
Arkansas	1,717,185	Arkansas	8
California	3,448,685	Silica Sand	
Colorado	259,480	Illinois	135
Kansas	1,608,805	Sulfur	
Kentucky	361,080	North Dakota	58
Louisiana	5,441,680	Wavellite	
Maryland	4,478	Arkansas	1
Michigan	685,832	Zinc	
Mississippi	259,744	Illinois	471
Montana	2,566,582	Missouri	87,348
New Mexico	348,521	Total zinc	87,819
North Dakota	616,199	Grand Total	
Ohio	85,088	minerals	
Oklahoma	4,066,924	other than	
Texas	1,336,996	oil and gas	787,797
Utah	19,488		
West Virginia	4,045		
Wyoming	186,294		
Total natural gas	23,017,106		
Gasoline and liquid petroleum gas			
	<i>Gallons</i>		
Alabama	1,009		
Louisiana	49,562		
North Dakota	725,946		
Oklahoma	776		
Texas	274,112		
Utah	123,400		
Wyoming	634,391		
Total gasoline and liquid petroleum gas	1,809,196		

Source: Geological Survey, U.S. Department of the Interior.

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Minerals Leased or Sold
Locatable Minerals

97

TABLE 76.—Oil and gas leases and production on the Outer Continental Shelf, fiscal year 1979

State	Oil and gas leases		Production		
	Number	Acres	Petroleum	Gas	Gasoline and liquid petroleum gas
			<i>Barrels</i>	<i>MCF</i>	<i>Gallons</i>
Alabama	5	28,495	.....	.....	.....
Alaska	131	734,753	.....	.....	.....
California	148	789,477	11,145,909	3,088,031	28,716
Florida	35	201,600	.....	.....	.....
Louisiana	1,320	5,735,074	274,892,842	4,151,577,029	1,231,718
Texas	397	2,116,703	4,099,471	473,589,042	287,912
Offshore Atlantic	175	996,313	.....	.....	.....
Total	2,211	10,602,415	290,138,222	4,628,254,102	1,548,346

Source: Geological Survey, U.S. Department of the Interior.

TABLE 77.—Mineral production from military and other Federal lands, fiscal year 1979

Mineral by State	Volume of production
Gasoline and liquid petroleum gas	
	<i>Gallons</i>
Louisiana	9,440,676
Oklahoma	246,288
Texas	134,758
Total gasoline and liquid petroleum gas	9,821,722
Gas	
	<i>MCF</i>
Arkansas	2,709,143
Louisiana	11,113,240
Nebraska	118
Oklahoma	322,762
Texas	291,716
Total gas	14,436,979
Petroleum	
	<i>Barrels</i>
Kentucky	7,935
Louisiana	242,111
Oklahoma	2,935
Texas	32,503
Total petroleum	285,484

Source: Geological Survey, U.S. Department of the Interior.

TABLE 78.—Mineral leases, licenses, and permits on acquired, military, and other Federal lands, fiscal year 1979

State	Oil and gas leases		Other minerals		Total	
	Number	Acres	Number	Acres	Number	Acres
Acquired lands						
Alabama	388	298,799	1	40	389	298,839
Arizona	16	17,170			16	17,170
Arkansas	713	697,854	13	11,852	726	709,706
California	44	6,137	4	819	48	6,956
Colorado	611	276,113	18	8,001	629	284,114
Florida	208	432,308	4	465	212	432,773
Georgia			5	989	5	989
Idaho	19	20,810	3	560	22	21,370
Illinois	12	2,567	8	3,639	20	6,206
Indiana	10	2,731			10	2,731
Kansas	2,147	51,188			2,147	51,188
Kentucky	140	126,982	3	2,224	143	129,206
Louisiana	537	310,014			537	310,014
Maryland	5	5,522			5	5,522
Michigan	502	190,943			502	190,943
Minnesota			9	7,435	9	7,435
Mississippi	2,846	856,371			2,846	856,371
Missouri			75	92,797	75	92,797
Montana	1,938	1,523,902	5	8,698	1,943	1,532,600
Nebraska	114	122,257			114	122,257
Nevada	7	3,697			7	3,697
New Mexico	185	212,361	2	608	187	212,969
New York	16	35,345			16	35,345
North Carolina			12	19,887	12	19,887
North Dakota	1,707	1,200,570	14	23,034	1,721	1,223,604
Ohio	43	18,195	1	144	44	18,339
Oklahoma	415	206,408			415	206,408
Oregon	24	14,612			24	14,612
Pennsylvania	7	2,619	2	80	9	2,699
South Dakota	306	366,607			306	366,607
Tennessee	9	10,946			9	10,946
Texas	359	291,040			359	291,040
Utah	110	46,196			110	46,196
Virginia	184	354,000	1	355	185	354,355
Washington	11	15,088			11	15,088
West Virginia	236	357,617			236	357,617
Wisconsin			11	10,825	11	10,825
Wyoming	365	110,779	6	3,120	371	113,899
Total acquired lands	14,234	8,187,748	197	195,572	14,431	8,383,320
Military and other Federal lands						
Arkansas	16	9,181			16	9,181
Kentucky	2	890			2	890
Louisiana	6	12,689			6	12,689
Nebraska	1	640			1	640
Oklahoma	4	4,368			4	4,368
Texas	7	2,279			7	2,279
Total military and other Federal lands	36	30,047			36	30,047
Grand Total	14,270	8,217,795	197	195,572	14,467	8,413,367

Source: Geological Survey, U.S. Department of the Interior.

TABLE 79.—Mineral leases on public lands through fiscal year 1979

State	Oil and gas		Geothermal		Coal		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama	58	1,660			1	2,388			59	4,048
Alaska	59	100,475			4	2,593			63	103,068
Arizona	1,525	2,953,572	13	21,541			17	8,203	1,545	2,983,316
Arkansas	467	523,848							467	523,848
California	1,951	766,609	55	68,343	1	80	² 33	31,539	2,040	866,571
Colorado	9,376	8,673,141	25	34,927	120	126,798	³ 4	10,430	9,525	8,845,296
Florida	123	79,486					³ 3	385	126	79,871
Idaho	1,879	3,464,737	136	246,722			⁸ 66	45,061	2,101	3,756,520
Kansas	196	5,282							196	5,282
Louisiana	285	34,020							285	34,020
Michigan	162	144,407							162	144,407
Mississippi	230	20,735							230	20,735
Montana	9,949	8,906,359	6	10,687	19	37,224	⁸ 28	22,033	10,002	8,976,303
Nebraska	492	200,190							492	200,190
Nevada	7,400	11,091,626	498	874,987			⁷ 29	34,918	7,927	12,001,531
New Mexico	13,111	9,650,379	121	220,155	28	40,901	⁸ 125	171,154	13,385	10,082,589
North Dakota	925	342,247			17	15,836			942	358,083
Oklahoma	823	115,777			46	74,158	⁹ 2	640	871	190,575
Oregon	380	497,225	150	228,929	3	5,403			533	731,575
South Dakota	1,194	1,474,655							1,194	1,474,655
Utah	16,956	20,173,069	278	472,507	201	277,514	¹⁰ 40	47,409	17,475	20,970,499
Virginia			11	19,774					11	19,774
Washington	74	90,230			2	521			76	90,751
Wyoming	37,154	23,331,833	4	7,448	93	214,610	¹¹ 56	91,642	37,307	23,645,533
Total	104,769	92,641,562	1,297	2,206,020	535	798,026	413	463,414	107,014	96,109,022

¹ gold, 320 acres; 5 sodium, 7,880 acres; 1 uranium, 3 acres.

²1 phosphate, 1,609 acres; 7 potash, 8,953 acres; 25 sodium, 20,977 acres.

³1 potash, 632 acres; 3 sodium, 9,798 acres.

⁴Phosphate.

⁵Phosphate.

⁶Phosphate.

⁷11 potash, 16,600 acres; 4 sand and gravel, 2,110 acres; 2 silica sand, 481 acres; 11 sodium, 15,327 acres; 1 tungsten, 400 acres.

⁸124 potash, 171,074 acres; 1 sodium, 80 acres.

⁹1 asphalt, 480 acres; 1 silica sand, 160 acres.

¹⁰12 gilsonite, 3,210 acres; 8 phosphate, 8,800 acres; 20 potash, 35,399 acres.

¹¹11 phosphate, 14,018 acres; 45 sodium, 77,624 acres.

Source: Geological Survey, U.S. Department of the Interior.

TABLE 80.—*Competitive mineral leases issued and bonuses received, fiscal year 1979*

Type of mineral by State	Public lands			Acquired lands			Total		
	Number	Acres leased	Bonus received	Number	Acres leased	Bonus received	Number	Acres leased	Bonus received
Oil and gas									
Arkansas	1	80	\$1,764.80	1	40	\$1,755.60	2	120	\$3,520.40
California	25	2,983	254,255.25	25	2,983	254,255.25	25	2,983	254,255.25
Colorado	31	9,390	607,761.00	1	40	2,063.60	32	9,430	609,824.60
Kansas	5	520	17,695.50	6	743	32,911.00	6	743	32,911.00
Louisiana	1	80	4,621.60	4	692	18,733.73	5	772	23,355.33
Mississippi	68	13,658	2,922,029.15	2	82	7,728.21	70	13,740	2,929,757.36
New Mexico	39	2,819	788,672.12	12	2,131	248,087.88	51	4,950	1,036,760.00
Oklahoma	16	4,286	454,761.55	16	4,286	454,761.55	16	4,286	454,761.55
Utah	100	24,903	2,234,329.00	100	24,903	2,234,329.00	100	24,903	2,234,329.00
Wyoming									
Total oil and gas	286	58,719	7,285,889.97	26	3,728	311,280.02	312	62,447	7,597,169.99
Geothermal resources									
California	13	11,355	16,814,764.82	13	11,355	16,814,764.82	13	11,355	16,814,764.82
Nevada	4	7,718	70,275.40	4	7,718	70,275.40	4	7,718	70,275.40
New Mexico	7	8,768	72,639.77	7	8,768	72,639.77	7	8,768	72,639.77
Oregon	4	5,818	86,582.00	4	5,818	86,582.00	4	5,818	86,582.00
Utah	3	1,658	33,822.40	3	1,658	33,822.40	3	1,658	33,822.40
Total geothermal resources	31	35,317	17,078,084.39	31	35,317	17,078,084.39	31	35,317	17,078,084.39
Coal									
Colorado	6	3,671	91,775.00	6	3,671	91,775.00	6	3,671	91,775.00
Montana	2	927	23,175.00	2	927	23,175.00	2	927	23,175.00
North Dakota	1	441	11,025.00	1	441	11,025.00	1	441	11,025.00
Utah	3	1,356	677,433.29	3	1,356	677,433.29	3	1,356	677,433.29
Total coal	12	6,395	803,408.29	12	6,395	803,408.29	12	6,395	803,408.29
Grand Total	329	100,431	25,167,382.65	26	3,728	311,280.02	355	104,159	25,478,662.67

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Minerals Leased or Sold
Locatable Minerals

101

TABLE 81.—Noncompetitive mineral leases issued, fiscal year 1979

Type of mineral by State	Public lands		Acquired lands		Total	
	Number	Acres	Number	Acres	Number	Acres
Oil and gas						
Alabama	24	3,478	41	11,936	65	15,414
Arizona	750	1,242,544	2	679	752	1,243,223
Arkansas	30	33,429	67	79,437	97	112,866
California	135	66,593	6	2,808	141	69,401
Colorado	402	394,851	91	82,421	493	477,272
Florida			29	59,725	29	59,725
Idaho	231	423,493	13	15,143	244	438,636
Kentucky			15	5,962	15	5,962
Louisiana	39	4,178	140	37,959	179	42,137
Michigan	13	13,267	26	26,487	39	39,754
Mississippi	35	8,011	172	58,842	207	66,853
Montana	978	1,103,042	205	168,868	1,183	1,271,910
Nevada	1,412	2,971,807			1,412	2,971,807
New Mexico	781	774,541	3	2,689	784	777,230
North Dakota	39	8,786	90	83,896	129	92,682
Ohio			1	20	1	20
Oklahoma	57	20,501	23	3,910	80	24,411
Oregon	163	151,353	1	1,920	164	153,273
South Dakota	248	318,039	81	96,343	329	414,382
Texas			12	5,683	12	5,683
Utah	2,125	2,701,708	38	35,559	2,163	2,737,267
Virginia			246	526,942	246	526,942
Washington	3	2,849	5	7,297	8	10,146
West Virginia			38	69,711	38	69,711
Wyoming	2,554	2,168,771	82	90,030	2,636	2,258,801
Total	10,019	12,411,241	1,427	1,474,267	11,446	13,885,508
Coal						
Alaska	3	3,947			3	3,947
Total	3	3,947			3	3,947
Geothermal steam						
Arizona	8	14,393			8	14,393
California	3	3,833			3	3,833
Colorado	7	6,811			7	6,811
Nevada	35	67,066			35	67,066
Oregon	16	18,618			16	18,618
Utah	37	39,897			37	39,897
Total	106	150,618			106	150,618
Potassium						
Utah	4	653			4	653
Other minerals						
Arizona						
Gold, silver, and related	21	320			1	320
California						
Mercury			1	80	1	80
Idaho						
Hardrock (unspecified)			2	4,987	2	4,987
Total	1	320	3	5,067	4	5,387
Grand Total	10,133	12,566,779	1,430	1,479,334	11,563	14,046,113

¹Includes Kansas and Nebraska.

²Lake Meade National Recreational Area.

TABLE 82.—*Disposition of materials other than vegetal, fiscal year 1979*

Method by State	Material	Number of sales	Quantity	Value
Sales				
Alaska	Sand and gravel	35	5,000,696 cubic yards	\$2,775,207.60
	Common borrow	203	26,123,928 cubic yards	3,935,759.64
Arizona	Stone and riprap	2	633,000 tons	63,300.00
	Sand and gravel	18	671,915 cubic yards	127,599.15
	Road base	1	10,000 cubic yards	1,200.00
California	Common borrow	1	5,000 cubic yards	600.00
	Sand and gravel	4	169,655 cubic yards	25,599.75
	Building stone	1	999 tons	1,998.00
	Facing stone	1	235 tons	500.55
	Soil additives	1	650,000 tons	520,000.00
Colorado	Roof granules	2	12,800 tons	5,600.00
	Decomposed granite	2	11,000 cubic yards	1,650.00
	Lightweight aggregate	1	1,900 cubic yards	475.00
	Clay	8	63,600 tons	15,900.00
	Industrial mineral	1	500 tons	125.00
Idaho	Restoration	1	1,900 cubic yards	95.00
	Sand and gravel	4	127,900 cubic yards	25,214.00
Montana	Common borrow	1	1,000 cubic yards	150.00
	Stone and riprap	3	48,458 tons	4,845.80
Nevada	Sand and gravel	17	78,305 cubic yards	12,267.75
	Common borrow	7	676,963 cubic yards	93,980.83
	Lightweight aggregate	1	715 cubic yards	200.20
	Concrete aggregate	1	200,000 cubic yards	20,000.00
	Building stone	1	2,000 tons	4,500.00
	Decomposed granite	8	31,700 cubic yards	11,384.00
	Restoration	1	2,000 tons	60.00
New Mexico	Sand and gravel	16	182,826 cubic yards	27,101.32
	Road base	32	103,182 cubic yards	22,700.04
	Common borrow	1	45 cubic yards	4.50
	Lightweight aggregate	2	393,000 cubic yards	115,400.00
	Building stone	1	2,500 tons	2,500.00
	Facing stone	2	1,300 tons	2,600.00
	Shale	1	250,000 tons	125,000.00
	Special sands	1	3,000 tons	600.00
	Industrial mineral	14	286,920 tons	550,047.90
	Restoration	35	114,173 cubic yards	5,708.65
Oregon	Sand and gravel	1	45,454 cubic yards	9,999.88
	Road base	8	46,650 cubic yards	8,379.50
	Stone and riprap	1	6,600 tons	1,980.00
	Building stone	2	60 tons	54.00
	Surfacing material	9	25,635 cubic yards	6,408.75
Utah	Restoration	4	2,935 cubic yards	117.40
	Sand and gravel	3	1,146,000 cubic yards	150,900.00
	Common borrow	1	150,000 cubic yards	15,000.00
Washington	Concrete aggregate	1	3,334 cubic yards	500.00
	Sand and gravel	3	70,000 cubic yards	17,500.00
Wyoming	Road base	1	40,000 cubic yards	10,000.00
	Sand and gravel	29	721,515 cubic yards	163,968.50
	Road base	2	1,099,000 cubic yards	152,499.85
	Lightweight aggregate	10	220,627 cubic yards	47,155.86
	Stone and riprap	1	23,250 tons	2,100.00
	Facing stone	5	1,750 tons	5,500.00
	Shale	2	58,500 tons	7,530.00
Surfacing material	1	5,000 cubic yards	1,000.00	
Restoration	1	3,000 cubic yards	150.00	
Total sales		516		9,100,618.42
Free use permits				
Alaska	Sand and gravel	8	519,300 cubic yards	106,572.00
	Road base	1	32,000 cubic yards	16,000.00
	Common borrow	125	27,250,279 cubic yards	3,867,239.06
Arizona	Surfacing material	1	20,000 cubic yards	10,000.00
	Sand and gravel	31	5,689,095 cubic yards	1,073,989.45
	Road base	14	1,019,000 cubic yards	145,250.00
	Common borrow	10	2,662,000 cubic yards	272,190.00
	Lightweight aggregate	6	1,880,000 cubic yards	474,400.00
California	Asphalt aggregate	2	500,000 cubic yards	163,000.00
	Stone riprap	2	125,000 tons	55,000.00
	Clay	1	200 tons	20.00
	Sand and gravel	44	4,315,808 cubic yards	626,660.27
	Road base	2	105,000 cubic yards	16,500.00
	Common borrow	9	2,152,000 cubic yards	325,650.00
	Asphalt aggregate	5	10,083,000 cubic yards	1,518,900.00
	Stone riprap	6	1,967,500 tons	555,900.00
	Facing stone	1	1 ton	10.00
	Clay	1	37,500 tons	4,500.00
Decomposed granite	30	43,105 cubic yards	8,333.45	

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS
Minerals Leased or Sold
Locatable Minerals

103

TABLE 82.—Disposition of materials other than vegetal,
fiscal year 1979—continued

Method by State	Material	Number of sales	Quantity	Value
Colorado	Sand and gravel	19	732,333 cubic yards	\$177,399.94
	Common borrow	1	155,000 cubic yards	38,750.00
	Stone riprap	5	60,550 cubic yards	7,904.50
	Building stone	1	5 tons	17.50
Idaho	Facing stone	1	10 tons	35.00
	Sand and gravel	97	9,271,989 cubic yards	1,618,803.82
	Road base	9	479,548 cubic yards	84,909.40
	Common borrow	22	933,350 cubic yards	254,587.50
	Lightweight aggregate	2	50,075 cubic yards	62,593.75
	Asphalt aggregate	3	451,000 cubic yards	67,750.00
	Stone riprap	1	250 tons	375.00
Montana	Building stone	4	24 tons	122.00
	Surfacing material	6	312,050 cubic yards	62,410.00
	Sand and gravel	7	777,800 cubic yards	66,200.00
Nevada	Sand and gravel	87	21,045,111 cubic yards	3,200,252.89
	Road base	1	15,000 cubic yards	2,250.00
	Common borrow	41	6,052,056 cubic yards	838,209.06
	Topsoil	2	2,200 cubic yards	1,300.00
	Asphalt aggregate	3	87,334 cubic yards	14,086.80
	Stone riprap	2	20,000 tons	2,200.00
	Clay	1	1,250 tons	1,250.00
	Decomposed granite	26	224,452 cubic yards	65,980.80
	Restoration	2	10,000 cubic yards	100.00
	New Mexico ...	Sand and gravel	43	3,322,210 cubic yards .....	618,467.00
Road base		25	693,550 cubic yards	139,771.00
Common borrow		10	375,175 cubic yards	58,501.50
Lightweight aggregate		1	718 cubic yards	143.60
Concrete aggregate		1	5,000 cubic yards	550.00
Asphalt aggregate		2	20,000 cubic yards	2,100.00
Stone riprap		3	13,035 tons	3,006.75
Special sands		2	20,000 tons	4,852.00
Industrial mineral		2	3,500 tons	850.00
Oregon		Sand and gravel	10	331,500 cubic yards .....	79,690.00
	Road base	5	165,000 cubic yards	19,200.00
	Common borrow	3	835,000 cubic yards	124,400.00
	Lightweight aggregate	4	117,500 cubic yards	23,875.00
	Stone and riprap	1	1,000 tons	500.00
	Facing stone	1	10 tons	30.00
	Surfacing material	2	155,100 cubic yards	27,510.00
Utah	Sand and gravel	27	2,267,007 cubic yards	460,789.25
	Road base	8	650,000 cubic yards	99,000.00
	Common borrow	10	270,050 cubic yards	34,357.50
	Asphalt aggregate	1	60,000 cubic yards	6,000.00
	Building stone	1	20 tons	50.00
	Shale	1	50,000 tons	12,500.00
	Sand and gravel	1	40,000 cubic yards	2,000.00
Washington ...	Road base	1	300,000 cubic yards	30,000.00
	Stone and riprap	1	800 tons	80.00
	Surfacing material	1	5,952 cubic yards	595.20
Wyoming	Sand and gravel	79	5,568,268 cubic yards	1,341,934.06
	Common borrow	4	210,000 cubic yards	66,000.00
	Stone and riprap	6	68,500 tons	23,387.50
	Building stone	1	96,000 tons	192,000.00
	Shale	2	300,000 tons	77,000.00
	Industrial mineral	3	140,000 tons	12,800.00
	Surfacing material	3	205,000 cubic yards	16,500.00
Total free use permits		907		19,286,044.35
Grand Total		1,423		28,386,662.77

Note.—Disposition of materials made under the Act of July 31, 1947 (61 Stat. 681; 30 U.S.C. 601), as amended by the Act of July 23, 1955 (69 Stat. 367).

TABLE 83.—*Mineral patents issued, fiscal year 1979*

State	Gold		Gold and silver		Gypsum		Iron ore and limestone		Limestone		Metamorphic limestone		Nickel, copper and cobalt		Pumice		Quartz ¹		Uranium		Vermiculite		Total		
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	
Alaska														2	155									2	155
Arizona																	3	681						3	681
California	4	240	1	10			1	41			3	298											9	589	
Colorado					1	280													1	206				2	486
Idaho	1	14																						1	14
Montana																					1	444		1	444
Nevada									1	60			1	62										2	122
New Mexico									2	437					1	120			6	945				9	1,502
Oregon																	1	38						1	38
Wyoming																	7	3,020						7	3,020
Total	5	254	1	10	1	280	1	41	3	497	3	298	3	217	1	120	4	719	14	4,171	1	444	37	7,051	

¹Includes other rock bearing gold, silver, cinnabar, lead, tin, copper, and other minerals.

²Excludes 4 patents for 417 millsites in Arizona, 1,972 acres; 1 patent for 1 millsite in California, 40 acres; 1 millsite in Montana, 5 acres; 92 millsites in Wyoming, 247 acres.

TABLE 84.—*Mineral patent applications, fiscal year 1979*

State	Adjudication				Classification and investigation									
	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year	Bureau of Land Management				Forest Service				
		New	Reactivated			Cases recommended for patent	Cases not recommended for patent	Claims recommended for patent	Claims not recommended for patent	Cases recommended for patent	Cases not recommended for patent	Claims recommended for patent	Claims not recommended for patent	
Alaska	21	4	.....	3	22	1	.....	15	.....	.....	.....	.....	.....	.....
Arizona	45	4	.....	7	42	6	.....	461	.....	1	.....	2	.....	.....
California	33	14	1	13	35	6	3	25	12	4	2	12	3	.....
Colorado	34	.....	.....	2	32	1	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	38	4	.....	1	41	.....	.....	.....	.....	1	.....	.....	.....	.....
Montana	95	8	.....	2	101	1	.....	1	2	1	.....	25	.....	.....
Nevada	30	8	.....	6	32	2	.....	8	.....	.....	.....	.....	.....	.....
New Mexico	17	3	.....	9	11	3	.....	39	5	2	1	22	5	.....
Oregon	9	.....	.....	5	4	.....	.....	2	.....	.....	.....	.....	.....	.....
South Dakota	12	.....	.....	.....	12	1	.....	.....	.....	.....	.....	.....	.....	.....
Utah	13	3	.....	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	5	.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming	60	.....	.....	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	412	48	1	49	412	21	3	551	19	9	3	62	8	.....

TABLE 85.—*Recordation of mining claims, Public Law 94-579, October 21, 1976-fiscal year 1979*

State	Claims filed for recordation			Claims declared void or recordation rejected			Claims patented			Unpatented claims of record		
	Total as of beginning of fiscal year	Total during fiscal year	Total as of end of fiscal year	Total as of beginning of fiscal year	Total during fiscal year	Total as of end of fiscal year	Total as of beginning of fiscal year	Total during fiscal year	Total as of end of fiscal year	Total as of beginning of fiscal year	Total during fiscal year	Total as of end of fiscal year
Alaska	22,565	25,450	48,015	580	278	858	28	9	37	21,957	25,163	47,120
Arizona	26,961	66,891	93,852	600	1,106	1,706	42	.....	42	26,319	65,785	92,104
Arkansas	34	69	103	.....	.....	.....	.....	.....	.....	34	69	103
California	16,200	25,167	41,367	17	2,876	2,893	6	10	16	16,177	22,281	38,458
Colorado	53,524	61,542	115,066	.....	.....	.....	.....	2	2	53,524	61,540	115,064
Idaho	7,332	23,852	31,184	.....	996	996	6	1	7	7,326	22,855	30,181
Montana	11,365	19,564	30,929	115	796	911	67	25	92	11,183	18,743	29,926
Nevada	31,029	67,264	98,293	355	6,000	6,355	24	6	30	30,650	61,258	91,908
New Mexico	34,555	37,999	72,554	274	118	392	9	78	87	34,272	37,803	72,075
Oregon	5,358	8,079	13,437	183	775	958	2	2	4	5,173	7,302	12,475
South Dakota	4,413	4,107	8,520	13	689	702	1	.....	1	4,399	3,418	7,817
Utah	56,548	51,957	108,505	95	.....	95	.....	.....	.....	56,453	51,957	108,410
Washington	2,693	4,950	7,643	191	894	1,085	1	.....	1	2,501	4,056	6,557
Wyoming	55,809	75,988	131,797	2,819	10,255	13,074	182	45	227	52,808	65,688	118,496
Total	328,386	472,879	801,265	5,242	24,783	30,025	368	178	546	322,776	447,918	770,694

TABLE 86.—Activity in mining locations under Public Laws 167 and 359, fiscal year 1979

State	Public Law 167				Public Law 359 (Forest Service and Bureau of Land Management)							
	Area represented by Public Notice during fiscal year ¹	Cumulative area represented by Public Notice ¹	Verified statements	Claims in verified statements	Area examined		Claims examined		Location certificates filed		Affidavits of labor filed	
					FS	BLM	FS	BLM	FS	BLM	FS	BLM
	Acres	Acres	Number	Number	Acres	Acres	Number	Number	Number	Number	Number	Number
Alaska		9,200,933								58		
Arizona		11,383,344										42
California		20,091,129			890	300	29	18	29	18	98	2
Colorado		16,577,805										
Idaho		21,360,844									70	30
Montana		17,537,083										
Nevada		5,031,769										
New Mexico		7,900,930										
North Dakota		104,566										
Oregon		17,457,442				200		10		13	4	70
South Dakota		1,134,922										
Utah		9,092,919										
Washington		9,965,924									42	18
Wyoming		10,695,988									1	
Total		157,535,598			890	500	29	28	29	89	215	162

¹Includes only those for which 150 days have expired since appearance of Public Notice.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Classification And Investigation

Excluding timber and grazing activities, classification and investigation cases numbered 31,675 as of fiscal year 1979. Case closures during the year amounted to 37,982, but 41,686 new and reactivated cases were opened throughout the year bringing the Bureau of Land Management's total backlog to 35,379 cases by the end of the reporting period (Table 87).

Land classification conducted under the authority of the Taylor Grazing Act covered 113 separate tracts of land totaling 26,430 acres. Of these, 24,793 acres or 76 different tracts, were found suitable for disposition (Table 89).

TABLE 87.—*Classification and investigation operations (summary by State),
fiscal year 1979*

State	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Non-mineral cases					
Alaska:					
Anchorage	2,448	209	19	333	2,343
Fairbanks	5,963	83	36	97	5,985
Arizona	410	566	234	801	399
California	930	933	552	1,212	1,203
Colorado	328	336	186	364	486
Idaho	1,878	502	154	673	1,861
Kansas	1			1	
Montana	562	433	96	398	693
Nebraska	3			3	
Nevada	142	969	116	958	569
New Mexico	2,057	4,958	1,597	6,483	2,129
North Dakota	2	62	11	18	57
Oklahoma	10	2		1	11
Oregon	502	1,157	90	1,362	387
South Dakota	37	136	10	78	105
Utah	882	445	365	926	766
Washington	117	110	14	48	193
Wyoming	356	12	7	28	347
Total non-mineral cases	16,928	10,903	3,487	13,784	17,534
Mineral cases					
Alaska:					
Anchorage	59	32		38	53
Fairbanks	6,724	10		391	6,343
Arizona	418	1,374	28	1,206	614
California	713	719	145	689	888
Colorado	326	845		562	609
Idaho	181	902	18	836	265
Kansas					
Montana	3,831	4,195	2,274	6,187	4,113
Nebraska					
Nevada	624	1,490	1	686	1,429
New Mexico	211	2,161		2,218	154
North Dakota	447	688	562	1,258	439
Oklahoma	20	145		146	19
Oregon	16	337	2	140	215
South Dakota	486	746	104	948	388
Texas	1				1
Utah	489	6,396	4,011	8,848	2,048
Washington	11	8		7	12
Wyoming	190	9	94	38	255
Total mineral cases	14,747	20,057	7,239	24,198	17,845
Grand Total	31,675	30,960	10,726	37,982	35,379

¹Adjusted as result of an audit.

Note.—Data do not include grazing or timber cases.

TABLE 88.—*Classification and investigation operations
(summary by type of case), fiscal year 1979*

A. LAND CASES

	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Title transfers					
Homestead	107	11	1	35	84
Desert land	1,221	294	20	102	1,433
Public sales:					
a. Public Sales, Act of 1964	5	215		106	114
b. Other	146	17	34	147	50
Selections	3,022	10	18	32	3,018
Exchanges	159	51	22	67	165
Land title cases (n.e.s.)	245	69	14	101	227
Small tracts	198	2	25	182	43
Recreation & public purposes sales	314	51	50	147	268
Indian allotments	4,610	250	44	401	4,503
Total title transfers	10,027	970	228	1,320	9,905
Leases and permits					
Nonmineral leases (n.e.s.)	416	40	123	170	409
Rights-of-way	2,034	1,756	2,180	3,941	2,029
Nonmineral permits (n.e.s.)	339	4,864	91	4,894	400
Nonmineral material sales	149	1,250		1,374	25
Recreation and public purposes leases	272	100	215	213	374
Small tract leases	20	4	28	38	14
Total leases and permits	3,230	8,014	2,637	10,630	3,251
Investigations					
Trespass	2,600	692	426	664	3,054
Other case types (n.e.s.)	295	758	126	890	289
Total investigations	2,895	1,450	552	1,554	3,343
Other tenure actions					
Withdrawals and reservations	520	411	50	218	763
Revocations and restorations	247	58	20	61	264
Offers of excess land to GSA	9			1	8
Total other tenure actions	776	469	70	280	1,035
Total land cases	16,928	10,903	3,487	13,784	17,534

TABLE 88.—*Classification and investigation operations
(summary by type of case), fiscal year 1979—continued*

B. MINERAL CASES

	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Title transfers					
Mineral entries (BLM and other)	275	33	9	53	264
Mineral entries (National Forests)	31	6	2	14	25
Land disposal conflicts	93	203	1	65	232
Mineral classification	61	15	.....	17	59
Total title transfers	460	257	12	149	580
Permits and leases					
Oil and gas noncompetitive (public lands)	7,231	3,670	4,043	6,558	8,386
Oil and gas competitive (public lands)	56	334	86	435	41
Oil and gas simultaneous filings (public lands)	530	4,417	1,185	5,214	918
Oil and gas noncompetitive (acquired lands)	436	242	772	960	490
Oil and gas competitive (acquired lands)	32	33	4	28	41
Oil and gas simultaneous filings (acquired lands)	75	393	2	375	95
Oil and gas assignments and transfers (n.e.s.)	4,016	7,494	346	6,737	5,119
Oil and gas overriding royalty assignments .....	.....	.....	.....	.....	.....
Other permits and leases (n.e.s.)	866	1,099	446	1,373	1,038
Coal	360	40	184	209	375
Potassium	212	82	25	140	179
Phosphate	82	9	21	34	78
Sodium	76	3	11	17	73
Hardrock (Reorganization Plan No. 3)	32	5	4	23	18
Mineral material sales (common varieties)	283	1,979	98	1,946	414
Outer Continental Shelf (sec. 6) .....	.....	.....	.....	.....	.....
Total permits and leases	14,287	19,800	7,227	24,049	17,265
Total mineral cases	14,747	20,057	7,239	24,198	17,845
Grand Total	31,675	30,960	10,726	37,982	35,379

Note.—Data do not include grazing or timber cases.

TABLE 89.—Lands classified under the Taylor Grazing Act, fiscal year 1979

A. FOUND SUITABLE FOR DISPOSITION

State	Public sale		Exchange		Desert land		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
California			1	7,680					1	7,680
Colorado	9	341							9	341
Idaho	17	531	1	40	7	2,048			25	2,619
Nevada	12	1,383	5	8,061					17	9,444
Oregon	1	60	1	520					2	580
South Dakota	1	¹⁾							1	
Utah	10	1,179	3	2,471	1	240	7	239	21	4,129
Total	50	3,494	11	18,772	8	2,288	7	239	76	24,793

B. FOUND NOT SUITABLE FOR DISPOSITION

Colorado	311	475							11	475
Idaho	15	460			3	282			18	742
Utah	6	290					2	130	8	420
Total	32	1,225			3	282	2	130	37	1,637

¹Less than 1/2 acres.²Utah Transit Authority.³Unintentional Trespass Sale Act.

Note.—The Taylor Grazing Act of June 28, 1934 (48 Stat. 1269, 43 U.S.C. 315), authorizes the Secretary of the Interior to classify any land withdrawn or reserved by Executive Orders of November 26, 1934, and February 5, 1935 (43 CFR 297.11 et seq.), or within grazing districts, which are more valuable or suitable for any purpose other than the production of native grasses or forage plants, or which are proper for acquisition in satisfaction of any outstanding lieu, exchange, or scrip rights, or land grant, or which it would be proper to expose for public sale, and to open such lands to entry, selection, or location in accordance with such classification.

TABLE 90.—*Lands classified under miscellaneous laws, fiscal year 1979*

State	Small Tract Act ¹			Recreation and Public Purposes Act ²		Total Areas classified during fiscal year
	Total areas classified as of beginning of fiscal year	Areas classified during fiscal year	Total Areas classified as of end of fiscal year	Classifications during fiscal year	Areas classified during fiscal year	
Alaska:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Anchorage	37,263	.....	37,263	.....	.....	.....
Fairbanks	36,986	.....	36,986	.....	.....	.....
Arizona	8,341	.....	8,341	3	123	123
California	313,078	.....	313,078	9	928	928
Colorado	3,190	.....	3,190	4	157	157
Idaho	2,683	.....	2,683	4	708	708
Montana	1,709	.....	1,709	1	4	4
Nevada	43,622	.....	43,622	19	8,859	8,859
New Mexico	1,039	.....	1,039	8	91	91
North Dakota	810	.....	810	.....	.....	.....
Oregon	1,526	.....	1,526	3	520	520
South Dakota	17	.....	17	2	47	47
Utah	3,138	.....	3,138	3	618	618
Washington	1,886	.....	1,886	.....	.....	.....
Wyoming	1,717	.....	1,717	.....	.....	.....
Total	457,005	.....	457,005	56	12,055	12,055

¹Act of June 1, 1938 (52 Stat. 608, 43 U.S.C. 682a), as amended.

²Acts of June 14, 1926 (44 Stat. 741), and June 4, 1954 (68 Stat. 173; 43 U.S.C. 869), as amended.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Protection—Fire and Trespass

As a part of its resource management responsibilities, the Bureau of Land Management protected, during fiscal year 1979, a total of 401,992,000 acres from fire. Of this total, 15,658,000 acres were protected through contracts with State, private, or Federal fire protection agencies, and the remaining 386,334,000 acres by force account (Table 96).

During fiscal year 1979, 865,691 acres were burned. On land protected by contract, 216 fires burned 107,997 acres. The cost of contract protection was \$2,435,00. On lands protected by force account, 2,064 fires burned 757,694 acres. The cost of suppression was \$28,831,000 (Table 94).

Fire damage for fiscal year 1979 was \$10,233,800. Timber and reproduction losses amounted to \$222,700. Losses to watershed, recreation, range, wildlife forage, and other resources were \$10,011,100 (Table 91).

In fiscal year 1979, 6,087 cases of unauthorized use were acted upon and 1,634 cases were closed. Pending at the end of the year were 4,453 cases (Table 97). Unauthorized land occupancy made up a large portion of the cases. Collections totaled \$764,311. Of this amount, \$504,989 was received from timber trespass (Table 99).

TABLE 91.—Area burned and resource damage by fires on/or threatening lands administered by the Bureau of Land Management, calendar year 1979

	Area burned										Resource damage (hundreds of dollars)						
	Forest						Nonforest		Total area		Timber value		Other damages value ¹		Total damages		
	Commercial		Noncommercial		Total												
	Federal	Other ²	Federal	Other ²	Federal	Other ²	Federal	Other ²	Federal	Other ²	Federal	Other ²	Federal	Other ²	Federal	Other ²	
Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	
Force account protection																	
Alaska	451	190	10,304	352,291	10,755	352,481	5,911	19,697	16,666	372,178	\$844	\$104,905	\$3,845	\$6,761	\$4,689	\$111,666	
Arizona	3		6,580	20,505	6,583	20,505	44,323	7,139	50,906	27,644	13		23,284	2,548	23,297	2,549	
California			1,390	20	1,390	20	14,202	15,107	15,592	15,127	273	1	7,824	4,867	8,097	4,867	
Colorado	5	2	55	11	60	13	16	2	76	15	8		18	4	26	5	
Idaho	251	1	1,070	60	1,321	61	77,503	25,870	78,824	25,931	60		18,830	6,421	18,890	6,421	
Montana ³	341	14,865	1,321	4,075	1,662	18,940	1,705	1,197	3,367	20,137	148	668	765	296	913	964	
Nevada	130	10	3,596	28	3,726	38	44,178	31,828	47,904	31,866	261	9	24,936	16,285	25,197	16,294	
New Mexico	2		149		151		73	115	224	115			43	41	43	41	
Oregon	173	1,019	603	1,038	776	2,057	6,919	3,045	7,695	5,102	193	481	2,026	556	2,219	1,037	
Utah	10	7	298	6	308	13	20,579	313	20,887	326	49	1	5,625	119	5,674	120	
Wyoming	67	3	538	15,202	605	15,205	1,249	53	1,854	15,258	88	3	378	8	466	11	
Total force account protection	1,433	16,097	25,904	393,236	27,337	409,333	216,658	104,366	243,995	513,699	1,937	106,069	87,574	37,906	89,511	143,975	
Contract protection																	
Alaska		80	42	259	42	339		49	42	388	1	30	6	9	7	39	
California	366		459	1,824	825	1,824	23,830	70,892	24,655	72,716	280		12,193	16,850	12,473	16,850	
Idaho							1	859	1	859				415		415	
Montana	8				8			200	8	200	1			36		36	
Oregon	206	5,545		60	206	5,605	52		258	5,605	8	8,481	2		9	8,481	
Washington			1,080	2,185	1,080	2,185			1,080	2,185			335		335		
Total contract protection	580	5,625	1,581	4,328	2,161	9,953	23,883	72,000	26,044	81,953	290	8,511	12,537	17,310	12,827	25,821	
Grand Total	2,013	21,722	27,485	397,564	29,498	419,286	240,541	176,357	270,039	595,652	2,227	114,580	100,111	55,216	102,338	169,796	

¹Includes damage to watershed, recreation areas and facilities, range and wildlife forage, and improvements.

²Includes State, privately owned, and other non-Federal lands.

³Includes South Dakota.

TABLE 92.—*Fires suppressed on land administered by the Bureau of Land Management, calendar year 1979*

A. NUMBER OF REPORTABLE FIRES BY CLASS¹

State	A		B		C		D		E		F		G		Total	
	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other
Force account protection																
Alaska	25	46	57	41	33	17	7	6	2	3	4	6	.....	6	128	125
Arizona	30	3	57	15	16	8	11	1	11	2	11	2	.....	2	138	31
California	69	16	15	5	11	1	9	2	11	.....	7	.....	1	123	24	
Colorado	136	24	30	6	3	1	2	.....	.....	.....	.....	.....	.....	1	171	31
Idaho	29	19	57	45	51	29	12	7	15	7	11	4	6	1	181	112
Montana ²	19	4	36	10	18	10	5	2	3	2	2	1	.....	1	83	30
Nevada	145	38	52	20	35	11	8	4	11	3	4	2	3	1	258	79
New Mexico	11	1	5	.....	4	.....	1	.....	.....	.....	.....	.....	.....	.....	21	1
Oregon	101	42	20	25	17	13	1	2	9	4	1	1	.....	.....	149	87
Utah	77	14	43	17	14	2	8	.....	5	.....	1	.....	1	.....	149	33
Wyoming	37	19	29	12	7	2	.....	.....	2	.....	.....	.....	.....	2	75	35
Total force account protection	679	226	401	196	209	94	64	24	69	21	41	16	13	11	1,476	588
Contract protection																
Alaska .....	.....	12	3	9	1	8	.....	1	.....	.....	.....	.....	.....	.....	4	30
California	17	.....	10	.....	7	2	4	1	5	4	4	3	2	2	49	12
Idaho	1	7	.....	19	1	6	.....	2	.....	4	.....	.....	.....	.....	2	35
Montana	3	3	3	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	6	6
Oregon	47	.....	12	1	6	1	.....	.....	.....	1	.....	1	.....	2	65	6
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
Total contract protection	68	22	28	31	15	17	4	5	5	6	5	4	2	4	127	89
Grand Total	747	248	429	227	224	111	68	29	74	27	46	20	15	15	1,603	677

¹Class (in acres): A=(0-.25) B=(.26-9) C=(10-99) D=(100-299) E=(300-999) F=(1000-4999) G=(5000+)

²Includes South Dakota.

B. NUMBER OF REPORTABLE FIRES BY CAUSE

State	Lightning		Campfire		Smoking		Debris burning		Incendiary		Equipment use		Railroads		Children		Miscellaneous		Total	
	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other	BLM	Other
Force account protection																				
Alaska	107	64	12	33	1	7	4	7	.....	1	.....	1	.....	.....	.....	4	4	8	128	125
Arizona	85	7	4	.....	10	1	5	3	1	2	8	2	5	1	3	4	17	11	138	31
California	52	3	7	2	8	.....	4	4	7	2	28	6	1	2	2	1	14	4	123	24
Colorado	150	10	3	.....	2	1	2	1	.....	4	.....	4	.....	1	3	.....	9	16	171	31
Idaho	66	11	5	2	7	2	17	21	19	8	9	9	5	21	4	7	49	31	181	112
Montana ¹	56	20	1	1	.....	2	.....	.....	1	.....	6	4	3	2	.....	16	1	83	30	
Nevada	136	34	7	1	16	8	17	10	24	3	23	6	19	6	1	7	15	4	258	79
New Mexico	15	1	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	21	1
Oregon	109	23	2	3	8	4	6	17	7	1	9	12	2	20	.....	1	6	6	149	87
Utah	88	15	5	1	7	4	13	6	5	.....	10	.....	3	.....	1	18	6	6	149	33
Wyoming	31	8	4	2	5	.....	7	3	10	4	4	.....	3	9	1	2	10	7	75	35
Total force account protection	895	196	52	45	66	29	76	72	74	21	101	40	42	64	11	27	159	94	1,476	588
Contract protection																				
Alaska	3	7	.....	3	.....	.....	.....	8	.....	.....	.....	2	.....	.....	.....	.....	1	10	4	30
California	8	.....	10	.....	2	2	1	1	12	1	6	5	.....	.....	1	.....	9	3	49	12
Idaho	1	1	1	.....	.....	1	.....	2	.....	12	.....	6	.....	.....	.....	3	.....	10	2	35
Montana	5	4	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6
Oregon	22	1	4	.....	8	.....	8	1	5	.....	6	2	.....	1	2	.....	10	1	65	6
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....
Total contract protection	39	13	15	5	11	3	9	12	17	13	12	15	1	1	3	3	20	24	127	89
Grand Total	934	209	67	50	77	32	85	84	91	34	113	55	43	65	14	30	179	118	1,603	677

¹Includes South Dakota.

TABLE 93.—*Number of fires by cause and damage on land administered by the Bureau of Land Management, calendar year 1979*

State	Campfire			Smoking			Debris burning			Incendiary			Lightning		
	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)
Force account protection															
Alaska	12	9	\$3	1	.....	.....	4	7	\$2	.....	.....	.....	107	16,574	\$4,669
Arizona	4	3	1	10	2,564	\$2,155	5	462	126	1	333	\$363	85	45,024	18,595
California	7	2,291	1,789	8	83	13	4	2	1	7	1,996	624	52	910	527
Colorado	3	1	.....	2	.....	.....	2	4	.....	.....	.....	.....	150	67	24
Idaho	5	8	4	7	46	13	17	795	279	19	6,966	2,749	66	46,283	11,889
Montana	1	.....	.....	.....	280	76	1	300	42	.....	.....	.....	56	1,145	357
Nevada	7	341	547	16	7,102	3,784	17	2	2	24	1,216	1,141	136	31,208	16,259
New Mexico	2	.....	.....	2	4	.....	.....	.....	.....	1	17	5	15	128	8
Oregon	2	61	15	8	775	223	6	342	81	7	201	.....	109	4,953	1,480
Utah	5	1	1	7	75	19	13	1,168	224	5	1,415	674	88	764	273
Wyoming	4	8	1	5	940	94	7	.....	.....	10	8	2	31	643	333
Total force account protection	52	2,723	2,361	66	11,869	6,377	76	3,082	757	74	12,152	5,558	895	147,699	54,414
Contract protection															
Alaska .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	39	6
California	10	.....	.....	2	250	102	1	41	11	12	3,386	2,750	8	1,487	1,284
Idaho	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Montana .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	5	8	3
Oregon	4	.....	.....	8	6	.....	8	28	.....	5	.....	.....	22	120	6
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total contract protection	15	.....	.....	11	256	102	9	69	11	17	3,386	2,750	39	1,655	1,299
Grand Total	67	2,723	2,361	77	12,125	6,479	85	3,151	768	91	15,538	8,308	934	149,354	55,713

TABLE 93.—Number of fires by cause and damage on land administered by the Bureau of Land Management, calendar year 1979—continued

State	Equipment use			Railroad			Children			Miscellaneous			Total		
	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)	Number of fires	Acres burned	Dollar damage (hundreds)
Force account protection															
Alaska										4	76	\$15	128	16,666	\$4,689
Arizona	8	597	\$291	5	18	\$5	3	42	\$21	17	1,863	1,740	138	50,906	23,297
California	28	3,932	1,364	1	94	14	2	127	42	14	6,157	3,723	123	15,592	8,097
Colorado	4			1	1	1				9	3	1	171	76	26
Idaho	9	14,636	1,126	5	124	46	4	6	4	49	9,960	2,780	181	78,824	18,890
Montana	6	103	32	3	347	102				16	1,192	304	83	3,367	913
Nevada	23	6,596	2,549	19	347	208	1	72	57	15	1,020	650	258	47,904	25,197
New Mexico										1	75	30	21	224	43
Oregon	9	1,327	417	2	25	3				6	11		149	7,695	2,219
Utah	10	14,232	2,985	3	282	61				18	2,950	1,437	149	20,887	5,674
Wyoming	4	2		3	5		1	3		10	245	36	75	1,854	466
Total force account protection	101	41,425	8,764	42	1,243	440	11	250	124	159	23,552	10,716	1,476	243,995	89,511
Contract protection															
Alaska										1	3	1	4	42	7
California	6	13,702	2,966				1	1		9	5,788	5,360	49	24,655	12,473
Idaho													2	1	
Montana													6	8	3
Oregon	6	8	1				2	12	2	10	84		65	258	9
Washington				1	1,080	335							1	1,080	335
Total contract protection	12	13,710	2,967	1	1,080	335	3	13	2	20	5,875	5,361	127	26,044	12,827
Grand Total	113	55,135	11,731	43	2,323	775	14	263	126	179	29,427	16,077	1,603	270,039	102,338

TABLE 94.—*Summary of all fires suppressed by the Bureau of Land Management, calendar year 1979*

Type of protection	Fires suppressed			Areas burned			Protection cost		
	Public lands	Other lands ¹	Total	Public lands ¹	Other lands	Total	Presuppression and contract	Suppression	Total
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>			
Force account	1,476	588	2,064	243,995	513,699	757,694	\$25,674,000	\$28,831,000	\$54,505,000
Contract	127	89	216	26,044	81,953	107,997	2,435,000	.....	2,435,000
Total	1,603	677	2,280	270,039	595,652	865,691	28,109,000	28,831,000	56,940,000

¹Includes lands on which fires were suppressed to protect Federal properties.

Table 95.—*Grand total of all fires suppressed, area burned, and resource damage on or threatening land administered by the Bureau of Land Management, calendar year 1979*

State	Number of fires	Acres burned	Dollar damage (thousands)
Alaska	287	389,274	\$11,640.1
Arizona	169	78,550	2,584.6
California	208	128,090	4,228.7
Colorado	202	91	3.7
Idaho	330	105,615	2,572.6
Montana	125	23,712	191.6
Nevada	337	79,770	4,149.1
New Mexico	22	339	8.4
Oregon	307	18,660	1,174.6
Utah	182	21,213	579.4
Washington	1	3,265	33.5
Wyoming	110	17,112	47.7
Total	2,280	865,691	27,214.0

Note.—Includes state, privately owned, and other non-Federal lands.

TABLE 96.—Area and cost of protection of public lands administered by the Bureau of Land Management, calendar year 1979

State	Area protected				Cost per acre					Contract costs			Force account costs			Grand total fire protection costs
	Contracts		Force account	Total area protected	Contracts			Force account	Over-all average cost per State	Forest Service	States and associations	Total costs	Presuppression	Suppression	Total force account	
	Forest Service	States and associations			Forest Service	States and associations	Average cost per State									
Thousands of acres	Thousands of acres	Thousands of acres	Thousands of acres													Thousands of dollars
Alaska		9,756	212,244	222,000				9.3	8.9				9,617	10,209	19,826	19,826
Arizona			12,601	12,601				8.0	8.0				591	424	1,015	1,015
California	70	2,292	15,930	18,292	122.8	35.9	38.5	34.3	34.8	86	823	909	1,239	4,230	5,469	6,378
Colorado			8,432	8,432				25.5	25.5				1,307	847	2,154	2,154
Idaho	172	395	12,775	13,342	59.3	21.0	32.6	26.2	26.5	102	83	185	2,095	1,260	3,355	3,540
Montana		158	8,312	8,470		19.6	19.6	11.7	11.9		31	31	682	294	976	1,007
Nevada			48,636	48,636				6.2	6.2				1,845	1,194	3,039	3,039
New Mexico	26		13,123	13,149				2.0	2.0				231	30	261	261
North Dakota			68	68												
Oregon	24	2,595	13,171	15,790	54.2	48.1	48.1	28.2	31.5	13	1,248	1,261	2,564	1,155	3,719	4,980
South Dakota		19	258	277												
Utah			22,663	22,663				4.6	4.6				680	369	1,049	1,049
Washington	44	107		151	38.6	29.9	32.4		32.4	17	32	49			49	49
Wyoming			18,121	18,121				7.1	7.1				624	663	1,287	1,287
Boise Interagency Fire Center													3,573	4,529	8,102	8,102
Denver Service Center													300	3,627	3,927	3,927
Eastern States Office													3		3	3
Washington D.C.													323		323	323
Total	336	15,322	386,334	401,992	64.9	14.5	15.6	14.1	14.1	218	2,217	2,435	25,674	28,831	54,505	56,940

TABLE 97.—Trespass operations, fiscal year 1979

Type of case	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon		Utah	Washington	Wyoming	Eastern States ¹	Total
									Eastern	Western					
Agriculture:															
Cases unclosed as of beginning of fiscal year		14	21	1	193	22	6	3	4		30	5	19	1	319
Cases opened during fiscal year		11	2	28	93	120	3	1	13	1		48	25		345
Cases closed during fiscal year		12	2	28	86	99	1	1	8		25	1	6	1	270
Cases unclosed as of end of fiscal year		13	21	1	200	43	8	3	9	1	5	52	38		394
Fire:															
Cases unclosed as of beginning of fiscal year	3	50	46	58	572	284	18	8	34	2	60	106			169
Cases opened during fiscal year	5		58		103					4			1		35
Cases closed during fiscal year	5		58	1	26				1	1					65
Cases unclosed as of end of fiscal year	3				128				1	5	1			1	139
Grazing:															
Cases unclosed as of beginning of fiscal year	1	3	55	45	58	12	59	14	12	15	213	2	60		549
Cases opened during fiscal year		19	18	43	81	18	92	44	53	4	62	2	82		518
Cases closed during fiscal year		16	24	40	79	6	95	50	53	11	196	3	39		612
Cases unclosed as of end of fiscal year	1	6	49	48	60	24	56	8	12	8	79	1	103		455
Material:															
Cases unclosed as of beginning of fiscal year	19	44	146	176	276	60	302	116	130	38	550	8	28		2132
Cases opened during fiscal year	1	10	13	3	16	2	4		1		3	1	26		98
Cases closed during fiscal year	1	10	1	1	15	1	18		1	1		3	11		63
Cases unclosed as of end of fiscal year	19	3			14	1	7		2	1	3		3		35
Mineral:															
Cases unclosed as of beginning of fiscal year	4		29		3		2	2	1	3	12		15	2	73
Cases opened during fiscal year	6		5			1		6	3	1			18	1	41
Cases closed during fiscal year	3		1			1		4	1	1	5		6	3	25
Cases unclosed as of end of fiscal year	7		33		3		2	4	3	3	7		27		89
Occupancy:															
Cases unclosed as of beginning of fiscal year	318	40	175	21	90	52	32	1,020	3	138	42	32	24	1	1,988
Cases opened during fiscal year	41	20	397	12	37	2	7	9	5	29	8	15	10		592
Cases closed during fiscal year	63	10	114	7	13	7	14	2	6	25	23	22	3	1	310
Cases unclosed as of end of fiscal year	296	50	458	26	114	47	25	1,027	2	142	27	25	31		2,270

Rights-of-way:															
Cases unclosed as of beginning of fiscal year	12	21	33	34	16	25	8	256	7	7	13	3	30	465	
Cases opened during fiscal year	2	15	4	15	17	4	1	9	4	8	10	7	48	142	
Cases closed during fiscal year	5	9	9	9	9	3	3	9	4	7	12	1	5	73	
Cases unclosed as of end of fiscal year	10	27	37	40	24	26	6	256	7	8	11	9	73	534	
Timber:															
Cases unclosed as of beginning of fiscal year	14		31	2	19	9		3	3	137				218	
Cases opened during fiscal year	8		84	8	7	4		19	8	141	5	6	4	294	
Cases closed during fiscal year	5		19	5	1	2		18	6	133	3	1	1	194	
Cases unclosed as of end of fiscal year	17		96	5	25	11		4	5	145	2	5	3	318	
Unlawful enclosure:															
Cases unclosed as of beginning of fiscal year	1	1	1	2	1	2	6	1	3		5			23	
Cases opened during fiscal year				1	1	1		1	1	1		1	6	5	
Cases closed during fiscal year			1	1				1	1		1			24	
Cases unclosed as of end of fiscal year	1	1		1	2	3	6	1	3	1	4		1		
Water:															
Cases unclosed as of beginning of fiscal year	2		2			1	1			1			2	9	
Cases opened during fiscal year										2			2	4	
Cases closed during fiscal year	2									1	2			5	
Cases unclosed as of end of fiscal year			2			1	1						4	8	
Other:															
Cases unclosed as of beginning of fiscal year	28	9	12	2	6	1	4	11	5		5			83	
Cases opened during fiscal year	4	4	2		2	8	4	19	2	1			7	53	
Cases closed during fiscal year	4	3	1			1	4	21	3		3			40	
Cases unclosed as of end of fiscal year	28	10	13	2	8	8	4	9	4	1	2		7	96	
Total:															
Cases unclosed as of beginning of fiscal year	402	98	430	110	505	126	122	1,310	39	305	323	43	177	4	3,994
Cases opened during fiscal year	65	79	513	108	279	159	125	108	91	188	88	81	208	1	2,093
Cases closed during fiscal year	85	53	220	91	203	120	124	106	84	179	273	28	63	5	1,634
Cases unclosed as of end of fiscal year	382	124	723	127	581	165	123	1,312	46	314	138	96	322		4,453

¹Includes all states bordering on or east of the Mississippi River.

Note.—Eastern Oregon includes the public lands east of Range 8E., Willamette Meridian. Western Oregon includes public lands west of Range 9E., Willamette Meridian.

TABLE 98.—*Volume and value of timber cut in trespass, fiscal year 1979*

State	Number of trespasses	Volume of timber cut MBF	Value of timber cut in trespass	Value of nontimber forest products	Total value
California	8	36	\$15,012.40	\$44.00	\$15,056.40
Colorado	4	1	17.25	154.00	171.25
Idaho	1	.....	.....	.....	.....
Montana	3	44,000	1,980.00	.....	1,980.00
New Mexico	15	7	.....	1,050.00	1,050.00
Oregon	149	1,039	117,167.11	.....	117,167.11
Washington	6	26	3,290.00	.....	3,290.00
Wyoming	2	73	2,121.00	.....	2,121.00
Total	188	45,182	139,587.76	1,248.00	140,835.76

TABLE 99.—Trespass collections, fiscal year 1979

State	Type of trespass													
	Fire		Timber		Grazing		Occupancy		Agriculture		Other		Total	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Alaska:														
Anchorage	1	\$25,000	1	\$12.50									3	\$25,037.50
Fairbanks							3	\$2,850.00			3	10,151.00	6	13,001.00
Arizona					23	\$17,649.71					9	4,935.55	32	22,585.26
California			9	13,714.00	21	8,108.00	7	3,338.00			1		40	25,329.00
Colorado			3	151.25	34	4,453.54			28	\$12,607.00	2	387.95	67	17,599.74
Idaho					56	9,843.32	8	563.83	81	54,379.60	9	1,302.91	154	66,089.66
Montana			3	860.00	6	628.94			1	403.00			10	1,891.94
Nevada					64	33,973.17			2	6,691.79	12	3,378.76	78	44,043.72
New Mexico			15	35.00	40	1,674.00	1	660.00	1	510.00	8	3,264.00	65	6,143.00
Oregon:														
Eastern			4	3,578.72	25	7,196.29	1		3	1,684.84	2	253.59	35	12,713.44
Western			129	482,372.61	4	128.44	2				5	2,380.32	140	484,881.37
South Dakota											1	9,638.00	1	9,638.00
Utah			2	93.60	148	8,570.46	18	50.00	12	2,655.00	23	944.60	203	12,313.66
Washington			1	2,050.00	1	175.76			1	6,500.00			3	8,725.76
Wyoming			2	2,121.60	35	1,873.61	2	30.00	3	1,145.79	7	9,147.32	49	14,318.32
Total	1	25,000	169	504,989.28	457	94,275.24	42	7,491.83	133	86,577.02	84	45,978.00	886	764,311.37

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Public Land Surveys

Public land surveys are fundamental to the proper development and effective administration of the vast areas of the public domain. Such surveys create and establish on-the-ground boundaries of subdivisions of the public lands in units that can readily be identified and recorded in the form of official field notes and plats.

At its maximum extent, the original public domain consisted of approximately 1.8 billion acres, or about 78 percent of the total land areas of the continental United States. The rectangular system of surveys has now been extended over 1.4 billion acres of this vast area. Of the 390,378,888 acres of land remaining to be surveyed at the close of the 1979 fiscal year, more than 76 percent is in Alaska (Table 100). The remaining unsurveyed land lies exclusively in eleven Western States, the largest unsurveyed area being located in Nevada where approximately 28 percent of the area in the State is unsurveyed.

About 55 percent of the area in the public land States, other than Alaska, is owned by the Federal Government. Many of the surveys of these Government lands were made over a century ago and were marked by wooden stakes or other non-permanent material which have since been obliterated by the elements or by man-made developments.

There is an urgent need for resurveys of over 50 million acres of land in this category in order to redefine the boundaries of those subject to administration by the Federal Government. During the 1979 fiscal year, survey plats were officially accepted encompassing 4,592,774 acres of land. Approximately 10 percent of this area was represented by resurveys (Table 101). Numerous other investigations, not measurable on a quantity basis, were also executed in the field during the same period. These investigations ordinarily lead to approved surveys later.

TABLE 100.—*Surveyed and unsurveyed lands in the public land States, 1786-fiscal year 1979*

State	Surveyed	Unsurveyed
	<i>Acres</i>	<i>Acres</i>
Alabama	32,544,640	.....
Alaska	63,269,572	299,246,408
Arizona	61,656,046	11,024,274
Arkansas	33,392,000	.....
California	91,000,357	9,183,323
Colorado	62,701,395	3,726,765
Florida	34,648,862	.....
Idaho	44,060,060	8,853,220
Illinois	35,760,019	.....
Indiana	23,160,960	.....
Iowa	35,867,520	.....
Kansas	52,515,840	.....
Louisiana	28,884,130	.....
Michigan	36,365,741	.....
Minnesota	50,745,053	.....
Mississippi	30,309,120	.....
Missouri	44,189,441	.....
Montana	83,542,011	9,643,909
Nebraska	48,974,080	.....
Nevada	50,863,832	19,465,128
New Mexico	73,020,213	4,704,587
North Dakota	44,339,200	.....
Ohio	26,251,597	.....
Oklahoma	44,149,120	.....
Oregon	58,801,685	2,772,075
South Dakota	48,611,857	.....
Utah	43,892,150	8,831,690
Washington	36,415,807	6,248,513
Wisconsin	34,859,541	.....
Wyoming	55,580,844	6,678,996
Total	1,410,372,693	390,378,888

TABLE 101.—Cadastral survey actions completed, fiscal year 1979

State	Bureau of Land Management				Other			
	Original surveys	Resurveys	Lines surveyed	Monuments set	Original surveys	Resurveys	Lines surveyed	Monuments set
	Acres	Acres	Miles	Number	Acres	Acres	Miles	Number
Alaska	14,162,077	39	3,145	2,240	212	541	68	741
Arizona	19,163	22,915	242	1,344	1,138	12,594	1,225	1,391
California		24,340	1,177	1,339	1,819	16,640	1,102	2,492
Colorado		22,382	192	2,381			2,133	2,324
Idaho		46,738	244	418		8,989	2,171	2,331
Montana	1	92,160	327	618				
Nevada		4,253	21	40	7640		22	273
New Mexico		39,177	30	53		7,020	2876	2,899
Oregon			243	579				
Texas						5,760		
Utah		95,698	342	608			2,871	2,133
Washington						16,494	3,176	3,136
Wisconsin	105	530	9	20				
Wyoming		7,649	25	39				
Total	4,181,346	355,881	4,997	5,679	1,009	54,538	768	1,703

TABLE 101.—Cadastral survey actions completed, fiscal year 1979-continued

State	Grand Totals				Plats accepted			Pro- traction diagrams approved	Mineral surveys			
	Original surveys	Resurveys	Lines surveyed	Monuments set	Field surveys	Supple- mental plats	Number		Lodes	Placers	Millsites	
Alaska	Acres 4,162,289	Acres 80	Miles 3,153	Number 2,281	Number 291	Number 1	Number	10	3	49	.....
Arizona	19,301	42,509	467	735	32	.....	.....	11	44	.....	2
California	19	30,980	279	831	13	.....	.....	7	10	.....	8
Colorado .....	.....	22,382	205	405	12	.....	.....	1	.....	.....	4
Idaho	1	55,727	415	749	17	.....	.....	1	3	.....	.....
Montana .....	.....	92,160	327	618	5	.....	.....	14	250	5	1
Nevada	640	.....	23	43	4	.....	.....	1	2	.....	36
New Mexico .....	.....	11,273	106	152	3	.....	.....	4	118	.....	.....
Oregon .....	.....	39,177	243	579	12	.....	.....	.....	.....	.....	.....
Texas .....	.....	5,760	71	133	4	.....	.....	.....	.....	.....	.....
Utah .....	.....	95,698	366	661	15	.....	.....	3	3	.....	.....
Washington .....	.....	6,494	76	136	2	.....	.....	.....	.....	.....	.....
Wisconsin	105	530	9	20	1	.....	.....	.....	.....	.....	.....
Wyoming .....	.....	7,649	25	39	1	.....	.....	5	127	.....	.....
Total	4,182,355	410,419	5,765	7,382	412	25	1	57	560	58	51	

¹Rectangular surveys, 305,205 acres; state selection, 1,659,500 acres; Alaska Native Claims Settlement Act selection, 2,189,185 acres; townsites, 43 acres; private applicants, 3,576 acres; withdrawal Air Force, 4,568 acres.

²Rectangular surveys, 223 miles; state selection, 1,021 miles; Alaska Native Claims Settlement Act selection, 1,802 miles; townsites, 9 miles; private applicants, 57 miles; withdrawal Air Force, 28 miles; dependent resurvey, 5 miles.

³Rectangular surveys, 144 monuments; state selections, 463 monuments; Alaska Native Claims Settlement Act selections, 1,126 monuments; townsites, 263 monuments; private applicants, 189 monuments; withdrawal Air Force, 39 monuments; dependent resurvey, 16 monuments.

⁴Reimbursable by private applicant, 212 acres.

⁵Reimbursable by private applicant, 41 miles.

⁶Reimbursable by private applicants, 7 miles; dependent resurvey, 1 mile.

⁷Reimbursable by private applicants, 40 monuments; reimbursable by the Forest Service, 1 monument.

⁸Requested by the Forest Service, 16,515 acres.

⁹Requested by the Forest Service, 124 miles.

¹⁰Requested by the Forest Service, 154 monuments.

¹¹Reimbursable by the Forest Service, 138 acres.

¹²Reimbursable by the Bureau of Indian Affairs, 6,334 acres; reimbursable by the Forest Service, 13,260 acres.

¹³Reimbursable by the Bureau of Indian Affairs, 101 miles; reimbursable by the Forest Service, 124 miles.

¹⁴Reimbursable by the Bureau of Indian Affairs, 125 monuments; reimbursable by the Forest Service, 266 monuments.

¹⁵Requested by the Forest Service, 640 acres.

¹⁶Requested by the Forest Service, 10 miles.

¹⁷Requested by the Forest Service, 10 monuments.

¹⁸Reimbursable by the Park Service, 19 acres.

¹⁹Reimbursable by Water and Power Resources Services, 4,880 acres; reimbursable by the Forest Service, 1,280 acres; reimbursable by the Bureau of Indian Affairs, 480 acres.

²⁰Reimbursable by Water and Power Resources Services, 63 miles; reimbursable by the Forest Service, 16 miles; reimbursable by the Bureau of Indian Affairs, 7 miles; reimbursable by the Park Service, 16 miles.

²¹Reimbursable by Water and Power Resources Services, 319 monuments; reimbursable by the Forest Service, 39 monuments; reimbursable by the Park Service, 126 monuments; reimbursable by the Bureau of Indian Affairs, 8 monuments.

²²Requested by the Forest Service, 83 monuments.

²³Reimbursable by the Forest Service.

²⁴Reimbursable by Water and Power Resources Services, 8,989 acres.

²⁵Reimbursable by Water and Power Resources Services, 120 miles; deposit by private applicant, 51 miles.

²⁶Reimbursable by Water and Power Resources Services; 136 monuments; deposit by private applicant, 195 monuments.

²⁷Deposit by private applicants.

²⁸Reimbursable by the Forest Service.

²⁹Reimbursable by the Park Service.

³⁰Reimbursable by the Bureau of Indian Affairs.

³¹Reimbursable by the Forest Service.

Part II

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

Federal Offshore Surveys

As the continental oil fields diminished in production and oil exploration technology improved, it became feasible to explore and develop the offshore areas. The first area to be developed was in the Gulf of Mexico. All areas seaward of the coastlines are in public ownership--either Federal or State. Therefore, the Federal Government found it necessary to delineate these areas so they could be accurately described and located for leasing purposes. This was done by a series of diagrams in which the offshore areas were divided into blocks (usually square and of equal areas). The block or grid lines had mathematical values which could be used to locate the blocks geographically. Leasing was then done by blocks or partial blocks with the lessor locating his leased area by navigational means.

As interest increased in exploiting the offshore areas for oil, gas, and other minerals, protraction diagrams were compiled for other offshore areas of the United States. This compilation is continuing.

TABLE 102.—*Protracted surveys in the Federal offshore areas, fiscal year 1979*

Administering OCS Office	1979		Prior to 1979 ¹		Revised in 1979 ²
	Acres	Number of diagrams	Acres	Number of diagrams	Number of diagrams
Alaska	26,612,840	7	386,790,600	110	1
New Orleans	22,370,700	5	228,806,700	94	.....
New York	4,845,000	1	77,226,800	27	2
Pacific .....	.....	.....	130,215,100	36	2
Total	53,828,540	13	823,039,200	267	5

¹The first protraction surveys approved were offshore Louisiana in 1954.

²The revised diagrams were previously approved and the areas are included in the columns to the left.

Note.—The Federal offshore areas are 3 geographical miles seaward of the coastline, except offshore Texas and the Gulf coast of Florida where the Federal areas are 9 geographical miles seaward of the coastline.

Part III

ADJUDICATION, APPEALS AND HEARINGS

Adjudication operations started the 1979 fiscal year with a workload of 67,392 cases. New cases received and cases reactivated during the year added another 95,514 to this figure. The Bureau of Land Management closed 86,832 cases. The unclosed adjudication caseload at the end of the year was 76,074 (Table 106).

Appeals from Bureau decisions numbered 3,243 cases during fiscal year 1979. There were 4,302 cases closed during the year (Table 109).

Bureau Hearings operations started the year with 297 cases. During the year 293 cases were received. There were 288 cases closed during the year (Table 110).

TABLE 103.—*New adjudication cases received, fiscal year 1979*

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ^a	Nevada
	Anchorage	Fairbanks						
Non-mineral cases:								
Other lands cases (n.e.s.)	1	6	41	1	2		1	9
Exchanges			8	15	5		15	8
Homesteads	1						11	
Desert lands				9		84		2,599
Native allotments	33	1	1	17			237	119
Color-of-title				5		8	4	1
Mining Claims Occupancy Act								
Trade and mfg. homesites, hdqrs. sites	25	2						
Townsites								
State grants	878					6		
Native selections								
Village selections								
Regional selections	18							
Miscellaneous selections								
Native reserves								
Public sales			1	2		1	1	5
Public sales (1964 Act)			3	8				
Small tract				2			1	
Recreation and public purposes sales	1		9	7	8	9	8	40
Alaska public sale								
Rights-of-way	26	41	129	132	131	73	111	142
Nonmineral leases		6						3
Nonmineral permits	2	8			2	1	3	
Total non-mineral cases	985	64	192	198	148	182	392	2,926
Oil and gas leasing:								
Other permits and leases							1	
Assignments and transfers	57		246	217	2,883	705	3,277	1,526
Noncompetitive (PD)			869	327	237	399	708	1,504
Noncompetitive (ACQ)			4	63	40	5	220	
Simultaneous (PD)			97	135	455		1,017	462
Simultaneous (ACQ)				1	94		371	
Competitive (PD)				5	28		2	
Competitive (ACQ)							1	
Outer Continental Shelf								
Total oil and gas leasing	57		1,216	748	3,737	1,109	5,597	3,492

Other mineral leasing:								
(leases, permits, and assignments)								
Outer Continental Shelf								
Coal					20		5	
Potassium								
Sodium			6					3
Phosphate					2	1	3	
Oil shale								
Sulphur								
Hardrock (Reorg. Plan #3)				2	7		5	1
Other			8					6
Total other mineral leasing			8	8	29	6	9	9
Geothermal leasing:								
Non-competitive			22	115		66	9	277
Simultaneous								
Competitive						1		11
Assignments and transfers				7		8		108
Total geothermal leasing			22	122		75	9	396
Mineral entries and investigations:								
Public Law 167 - BLM								
Public Law 167 - USFS								
Public Law 357, 359, 585			158	19		100		
Mineral entries, BLM and others			4	43	3	2	7	8
Mineral entries, USFS			3			2	5	
Mineral classification								
Land disposal conflicts			4	9				7
Multiple-use conflicts (nondisposal)			4	47	4	12	7	
Reimbursable investigations			136	10				
Other mineral cases (n.e.s.)			194	21		1	2	
Total entries and investigations			503	149	7	117	21	15
Other transactions:								
Withdrawals and reservations	3	2	4	2	3	466	226	3
Restorations and revocations	2	1	4	6	6	4	4	
Mineral material disposal		4	25				2	
Total other transactions	5	7	33	8	9	470	232	3
Grand Total	1,047	71	1,974	1,233	3,930	1,959	6,260	6,841

TABLE 103.—*New adjudication cases received, fiscal year 1979—continued*

Type of case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Eastern States ³	Outer Continental Shelf	Total
Non-mineral cases:								
Other lands cases (n.e.s.)	2		12		2	9		86
Exchanges	3	19	17	4				94
Homesteads								12
Desert lands			2	1	5			2,700
Native allotments	4	1		122	8			543
Color-of-title	26		1			1		46
Mining Claims Occupancy Act								
Trade and mfg. homesites, hdqrs. sites								27
Townsites		1	2					3
State grants			3					887
Native selections								
Village selections								
Regional selections								18
Miscellaneous selections								
Native reserves								
Public sales			2	1		17		30
Public sales (1964 Act)					1			12
Small tract		1						4
Recreation and public purposes sales	8	7	10		11			118
Alaska public sale								
Rights-of-way	630	83	210	5	378		82	2,173
Nonmineral leases	1		1		4			15
Nonmineral permits	1		2		1			20
Total non-mineral cases	675	112	262	133	410	27	82	6,788
Oil and gas leasing:								
Other permits and leases						1		2
Assignments and transfers	3,078	25	4,214	6	13,224	828	459	30,745
Noncompetitive (PD)	930	1,098	987	72	889	90		8,110
Noncompetitive (ACQ)	259	100	19	33	76	1,471		2,290
Simultaneous (PD)	1,075	42	1,120	2	2,921	66		7,392
Simultaneous (ACQ)	69				54	200		789
Competitive (PD)	142		1		135	4		317
Competitive (ACQ)	20				8	168		197
Outer Continental Shelf							1,540	1,540
Total oil and gas leasing	5,573	1,265	6,341	113	17,307	2,828	1,999	51,382

Other mineral leasing:							
(leases, permits, and assignments)							
Outer Continental Shelf							
Coal	16		14		1	4	60
Potassium	27		25		1		53
Sodium					2		11
Phosphate			6			4	16
Oil shale							
Sulphur	32						32
Hardrock (Reorg. Plan #3)	4				1	189	209
Other			2		1		17
Total other mineral leasing	79		47		6	197	398
Geothermal leasing:							
Noncompetitive	39	90	33	39	24		714
Simultaneous							
Competitive	4	8					24
Assignments and transfers	17	23	8				171
Total geothermal leasing	60	121	41	39	24		909
Mineral entries and investigations:							
Public Law 167 - BLM							
Public Law 167 - USFS							
Public Law 357, 359, 585		8					285
Mineral entries, BLM and others	2		2		3		74
Mineral entries, USFS	1				1	2	14
Mineral classification							
Land disposal conflicts	1						21
Multiple-use conflicts (nondisposal)		25		10	1		110
Reimbursable investigations		14					160
Other mineral cases (n.e.s.)	2				4		224
Total entries and investigations	6	47	2	10	9	2	888
Other transactions:							
Withdrawals and reservations	5	4	160		1	7	886
Restorations and revocations	5		25				57
Mineral material disposal	17		6		5		59
Total other transactions	27	4	191		6	7	1,002
Grand Total	6,420	1,549	6,884	295	17,762	3,061	2,081
							61,367

¹Includes North and South Dakota.

²Includes Oklahoma and Texas.

³Includes all states bordering on or east of the Mississippi River.

TABLE 104.—*Adjudication cases reactivated, fiscal year 1979*

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ^a	Nevada
	Anchorage	Fairbanks						
Nonmineral cases:								
Other lands cases (n.e.s.)				1	57	1	1	2
Exchanges			1	1	29	1	4	
Homesteads			1				1	
Desert lands				7		11		3
Native allotments	2	36					8	
Color-of-title				1	6		4	
Mining Claims Occupancy Act								
Trade and mfg. homesites, hdqrs. sites								
Townsites								
State grants			1	1				
Native selections								
Village selections								
Regional selections								
Miscellaneous selections								
Native reserves								
Public sales					72			
Public sales (1964 Act)				5				
Small tract				6				2
Recreation and public purposes sales			44	11	96	19	6	2
Alaska public sale								
Rights-of-way			167	288	535	137	80	130
Nonmineral leases			2	4	19	2	2	1
Nonmineral permits			7		89		1	2
Total non-mineral cases	2	36	223	325	903	171	107	142
Oil and gas leasing:								
Other permits and leases							435	
Assignments and transfers			1					
Noncompetitive (PD)			48	11	6,124		1,724	161
Noncompetitive (ACQ)				37	197	20	679	
Simultaneous (PD)				18	53	1		
Simultaneous (ACQ)					39			
Competitive (PD)				12	1		81	
Competitive (ACQ)							4	
Outer Continental Shelf								
Total oil and gas leasing			49	78	6,414	21	2,923	161

Other mineral leasing: (leases, permits, and assignments)								
Outer Continental Shelf								
Coal					86		5	
Potassium					9			2
Sodium		2	2		12			
Phosphate						9	1	
Oil shale					2			
Sulphur								
Hardrock (Reorg. Plan #3)			2		51	3		2
Other					13			2
Total other mineral leasing			2	4	173	12	6	4
Geothermal leasing:								
Noncompetitive				2	95		1	45
Simultaneous								
Competitive								13
Assignments and transfers								
Total geothermal leasing				2	95		1	58
Mineral entries and investigations:								
Public Law 167 - BLM					8			
Public Law 167 - USFS					5			
Public Law 357, 359, 585					36	8		
Mineral entries, BLM and others				5	11		9	
Mineral entries, USFS				8	1	1		
Mineral classification								
Land disposal conflicts				2				
Multiple-use conflicts (nondisposal)				5	11			
Reimbursable investigations				15				
Other mineral cases (n.e.s.)			321				6	
Total entries and investigations			321	71	44	1	15	
Other transactions:								
Withdrawals and reservations				2	67		1	121
Restorations and revocations			5	2	34		3	7
Mineral material disposal			17				1	1
Total other transactions			22	4	101		5	129
Grand Total	2	36	617	484	7,730	205	3,057	494

TABLE 104.—Adjudication cases reactivated, fiscal year 1979—continued

Type of Case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Eastern States ³	Outer Continental Shelf	Total
Nonmineral cases:								
Other lands cases (n.e.s.)		1				465		528
Exchanges			8					44
Homesteads			1					3
Desert lands			7		1			29
Native allotments					15			61
Color-of-title			1					12
Mining Claims Occupancy Act								
Trade and mfg. homesites, hdqrs. sites								
Townsites								
State grants			18					20
Native selections								
Village selections								
Regional selections								
Miscellaneous selections								
Native reserves								
Public sales			28		4			104
Public sales (1964 Act)					2			7
Small tract		6	4					18
Recreation and public purposes sales		16	40	1	2			237
Alaska public sale								
Rights-of-way	1,578	19	145	3	264		51	3,397
Nonmineral leases					1			31
Nonmineral permits			5					104
Total non-mineral cases	1,578	42	257	4	289	465	51	4,595
Oil and gas leasing:								
Other permits and leases								435
Assignments and transfers	240	2	183	5				431
Noncompetitive (PD)	4,253	4	1,623		2,558			16,506
Noncompetitive (ACQ)	115	2	22	1	191	1		1,265
Simultaneous (PD)	961	2	158		6,084			7,277
Simultaneous (ACQ)	30	2			130			201
Competitive (PD)			14		290	2		400
Competitive (ACQ)					14			18
Outer Continental Shelf							1,191	1,191
Total oil and gas leasing	5,599	12	2,000	6	9,267	3	1,191	27,724

Other mineral leasing: (leases, permits, and assignments)							
Outer Continental Shelf							
Coal	25	1	104	81	1		303
Potassium	55		39	4			109
Sodium	2			9			27
Phosphate			24				34
Oil shale							2
Sulphur	36						36
Hardrock (Reorg. Plan #3)	38		1				95
Other			1				16
Total other mineral leasing	156	1	169	94	1		622
Geothermal leasing:							
Noncompetitive	20	34	33				230
Simultaneous		3	7				23
Competitive		1	1				2
Assignments and transfers							
Total geothermal leasing	20	38	41				255
Mineral entries and investigations:							
Public Law 167 - BLM							8
Public Law 167 - USFS							5
Public Law 357, 359, 585							44
Mineral entries, BLM and others	5						30
Mineral entries, USFS	12						22
Mineral classification							
Land disposal conflicts							2
Multiple-use conflicts (nondisposal)		1	1				18
Reimbursable investigations							15
Other mineral cases (n.e.s.)		4					331
Total entries and investigations	17	5	1				475
Other transactions:							
Withdrawals and reservations		29	173	4			397
Restorations and revocations		2	2	1			56
Mineral material disposal			4				23
Total other transactions		31	179	5			476
Grand Total	7,370	129	2,646	16	9,650	469	1,242
							34,147

¹Includes North and South Dakota.

²Includes Oklahoma and Texas.

³Includes all states bordering on or east of the Mississippi River.

TABLE 105.—Adjudication cases closed, fiscal year 1979

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ¹	Nevada
	Anchorage	Fairbanks						
Nonmineral cases:								
Other lands cases (n.e.s.)	2		41	3	87		1	24
Exchanges	1		9	17	37	4	8	3
Homesteads	9	16	1	1			13	
Desert lands				8		131		226
Native allotments	21	16	1	18	1		223	23
Color-of-title	1			4	6	4	12	
Mining Claims Occupancy Act				6				
Trade and mfg. homesites, hdqrs. sites	45	49						
Townsites								
State grants	4					18		
Native selections								
Village selections	7							
Regional selections	6							
Miscellaneous selections	78							
Native reserves		2						
Public sales					79	3	2	66
Public sales (1964 Act)								1
Small tract	1			3			5	
Recreation and public purposes sales	5		54	29	89	10	15	23
Alaska public sale								
Rights-of-way	6	16	236	424	459	134	180	120
Nonmineral leases		2	1	4	16		2	4
Nonmineral permits	34	5	10		94		5	25
Total non-mineral cases	220	106	353	517	868	304	466	515
Oil and gas leasing:								
Other permits and leases							436	
Assignments and transfers	31	120	289	227	2,879	667	2,793	1,459
Noncompetitive (PD)	393	260	741	94	5,906	467	2,647	2,101
Noncompetitive (ACQ)	5		2	29	273	30	872	
Simultaneous (PD)			57	154	446	61	1,138	281
Simultaneous (ACQ)				2	82		357	
Competitive (PD)				36	15		75	2
Competitive (ACQ)							3	
Outer Continental Shelf								
Total oil and gas leasing	429	380	1,089	542	9,601	1,225	8,321	3,843

Other mineral leasing:								
(leases, permits, and assignments)								
Outer Continental Shelf								
Coal				169	1	26		
Potassium			3	7				10
Sodium			5	3	9			12
Phosphate					2	14	3	3
Oil shale					3			
Sulphur								
Hardrock (Reorg. Plan #3)				3	53	4	18	4
Other			10		11			4
Total other mineral leasing			16	9	254	19	47	29
Geothermal leasing:								
Noncompetitive			13	50	90	30	5	123
Simultaneous								
Competitive								14
Assignments and transfers			4	1		3		98
Total geothermal leasing			17	51	90	33	5	235
Mineral entries and investigations:								
Public Law 167 - BLM				6	10			
Public Law 167 - USFS					5			
Public Law 357, 359, 585			158	100	17	100		
Mineral entries, BLM and others	2		8	34	15	2	15	6
Mineral entries, USFS			2	11	4	9	4	
Mineral classification								28
Land disposal conflicts			23	9				
Multiple-use conflicts (nondisposal)			10	71	19	12	10	1
Reimbursable investigations			9	194				
Other mineral cases (n.e.s.)			521	36		2	9	
Total entries and investigations	2		731	461	70	125	38	35
Other transactions:								
Withdrawals and reservations	3	3	2	9	74	24	5	3
Restorations and revocations	3	3	8	13	49	28	4	11
Mineral material disposal		9	42				1	18
Total other transactions	6	15	52	22	123	52	10	32
Grand Total	657	501	2,258	1,602	11,006	1,758	8,887	4,689

TABLE 105.—Adjudication cases closed, fiscal year 1979—continued

Type of Case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Eastern States ³	Outer Continental Shelf	Total
Nonmineral cases:								
Other lands cases (n.e.s.)		1	12			401		572
Exchanges	6	14	29	1				129
Homesteads								40
Desert lands			6		32			403
Native allotments	2	1		50	25			381
Color-of-title	7					2		36
Mining Claims Occupancy Act								6
Trade and mfg. homesites, hdqrs. sites								94
Townsites			2	1				3
State grants			31			6		59
Native selections								
Village selections								7
Regional selections								6
Miscellaneous selections								78
Native reserves								2
Public sales		2	50	1	1	4		208
Public sales (1964 Act)					3			4
Small tract		6	6					21
Recreation and public purposes sales	10	22	39	2	5			303
Alaska public sale								
Rights-of-way	2,167	55	508	8	551		119	4,983
Nonmineral leases	2		3		10			44
Nonmineral permits			1					174
Total non-mineral cases	2,194	101	687	63	627	413	119	7,553
Oil and gas leasing:								
Other permits and leases								436
Assignments and transfers	4,569	20	3,948	6	12,045	874	493	30,420
Noncompetitive (PD)	4,578	164	2,520	10	2,924	83		22,888
Noncompetitive (ACQ)	224	6	86	28	257	563		2,375
Simultaneous (PD)	1,946	67	1,291	4	8,655	116		14,216
Simultaneous (ACQ)	79	1			190	314		1,025
Competitive (PD)	119		33		413	15		708
Competitive (ACQ)	17				22	6		48
Outer Continental Shelf							2,787	2,787
Total oil and gas leasing	11,532	258	7,878	48	24,506	1,971	3,280	74,903

Other mineral leasing:								
(leases, permits, and assignments)								
Outer Continental Shelf								
Coal	37		127		8	1		369
Potassium	102		78					201
Sodium	3	3			5			40
Phosphate			30		5	1		58
Oil shale								3
Sulphur	36							36
Hardrock (Reorg. Plan #3)	39		1		1	104		223
Other								25
Total other mineral leasing	217	3	236		19	106		955
Geothermal leasing:								
Noncompetitive	94	65	95	23	44			632
Simultaneous								
Competitive	7	10	3					34
Assignments and transfers	29	12	8		2			157
Total geothermal leasing	130	87	106	23	46			823
Mineral entries and investigations:								
Public Law 167 - BLM		3		5				24
Public Law 167 - USFS								5
Public Law 357, 359, 585		18		29				422
Mineral entries, BLM and others	7	4	2					95
Mineral entries, USFS	19		3	1		1		54
Mineral classification								
Land disposal conflicts			6					66
Multiple-use conflicts (nondisposal)		29		9	30			191
Reimbursable investigations		3						206
Other mineral cases (n.e.s.)	1	4	385		3			961
Total entries and investigations	27	61	396	44	33	1		2,024
Other transactions:								
Withdrawals and reservations	1	37	175	6	1	2		345
Restorations and revocations	5	6	10	6	1	1		148
Mineral material disposal			6		5			81
Total other transactions	6	43	191	12	7	3		574
Grand Total	14,106	553	9,494	190	25,238	2,494	3,399	86,832

¹Includes North and South Dakota.

²Includes Oklahoma and Texas.

³Includes all states bordering on or east of the Mississippi River.

TABLE 106.—*Adjudication cases unclosed, fiscal year 1979*

Type of Case	Alaska		Arizona	California	Colorado	Idaho	Montana ¹	Nevada
	Anchorage	Fairbanks						
Nonmineral cases:								
Other lands cases (n.e.s.)	106	19	24	21	30	1	3	53
Exchanges			23	69	34	17	29	16
Homesteads	89	64	2	1		2	2	2
Desert lands				38	2	1,353	3	2,379
Native allotments	4,102	2,596	1	12	1		54	122
Color-of-title				19	5	49	3	1
Mining Claims Occupancy Act			2	17		4		4
Trade and mfg. homesites, hdqrs. sites	318	130						
Townsites	34	13				4		
State grants	1,839	615	14	7		39	3	
Native selections	159							
Village selections	838	381						
Regional selections	368	707						
Miscellaneous selections	2,501	1,005						
Native reserves	1	2						
Public sales			1	2	77	82		97
Public sales (1964 Act)			3	13				3
Small tract	4	4		9		4	2	173
Recreation and public purposes sales	55	25	114	63	127	68	15	97
Alaska public sale								
Rights-of-way	407	338	284	328	802	280	74	458
Nonmineral leases	88	59	7	3	6	10	1	17
Nonmineral permits	133	34	17		99	3	8	7
Total non-mineral cases	11,042	5,992	492	602	1,183	1,916	197	3,429
Oil and gas leasing:								
Other permits and leases								
Assignments and transfers	876	2,889	37	121	490	301	1,491	457
Noncompetitive (PD)	1,199	3,300	668	440	1,737	1,316	2,607	1,884
Noncompetitive (ACQ)			4	157	112	123	459	
Simultaneous (PD)	11	55	46	82	178	1	82	296
Simultaneous (ACQ)				1	53		89	
Competitive (PD)				19	14		8	
Competitive (ACQ)							2	
Outer Continental Shelf								
Total oil and gas leasing	2,086	6,244	755	820	2,584	1,741	4,738	2,639

Other mineral leasing:								
(leases, permits, and assignments)								
Outer Continental Shelf								
Coal	8	8			122		18	
Potassium			10	9	14		9	24
Sodium			1	51	10			61
Phosphate			1	6	5	110	20	5
Oil shale					2			
Sulphur								
Hardrock (Reorg. Plan #3)				6	78	10	12	
Other			19		8			15
Total other mineral leasing	8	8	31	72	239	120	59	105
Geothermal leasing:								
Noncompetitive			86	492	65	368	16	382
Simultaneous								
Competitive						1		17
Assignments and transfers			9	52		7		21
Total geothermal leasing			95	544	65	376	16	420
Mineral entries and investigations:								
Public Law 167 - BLM				70				
Public Law 167 - USFS			5	204	10			
Public Law 357, 359, 585	15	51		44	5	16		
Mineral entries, BLM and others	8	48	24	122	42	4	102	32
Mineral entries, USFS	1		20	30	2	28	22	
Mineral classification				4				
Land disposal conflicts			19	142				270
Multiple-use conflicts (nondisposal)			28	145	94	43	23	
Reimbursable investigations			230	700	319			
Other mineral cases (n.e.s.)			59	23	604	4		
Total entries and investigations	24	99	385	1,484	1,076	95	147	302
Other transactions:								
Withdrawals and reservations	52	25	46	60	62	551	602	135
Restorations and revocations	99	24	27	64	48	28	33	47
Mineral material disposal	137	39	75				3	5
Total other transactions	288	88	148	124	110	579	638	187
Grand Total	13,448	12,431	1,906	3,646	5,257	4,827	5,795	7,082

TABLE 106.—*Adjudication cases unclosed, fiscal year 1979—continued*

Type of Case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Eastern States ³	Outer Continental Shelf	Total
Nonmineral cases:								
Other lands cases (n.e.s.)	8	2	6	6	4	152		435
Exchanges	5	64	41	22	10	14		344
Homesteads			1	1				164
Desert lands		7	7	1	38			3,828
Native allotments	5			80	12			6,985
Color-of-title	68	3	3	1		27		179
Mining Claims Occupancy Act								27
Trade and mfg. homesites, hdqrs. sites								448
Townsites		1	2	4				58
State grants	4	5	253	21	5	30		2,835
Native selections								159
Village selections								1,219
Regional selections								1,075
Miscellaneous selections								3,506
Native reserves								3
Public sales		11	38		42	14		364
Public sales (1964 Act)	1			1				21
Small tract		2	1					199
Recreation and public purposes sales	58	29	92	19	53	9		824
Alaska public sale								
Rights-of-way	571	194	243	30	367	6	41	4,423
Nonmineral leases	2		3					196
Nonmineral permits	1		11		34			347
Total non-mineral cases	723	318	701	186	565	252	41	27,639
Oil and gas leasing:								
Other permits and leases						1		1
Assignments and transfers	1,456	33	739	5	2,272	168	21	11,356
Noncompetitive (PD)	1,485	1,250	718	77	692	215		17,588
Noncompetitive (ACQ)	528	101	25	22	37	3,016		4,584
Simultaneous (PD)	404	41	280	5	973	117		2,573
Simultaneous (ACQ)	43	3			7	198		394
Competitive (PD)	58		8		53	4		164
Competitive (ACQ)	6				1	171		180
Outer Continental Shelf								
Total oil and gas leasing	3,980	1,428	1,770	109	4,035	3,890	21	36,840

Other mineral leasing: (leases, permits, and assignments) Outer Continental Shelf								
Coal	112	2	98		103	24		495
Potassium	126	1	137		5			335
Sodium	1	1			35			160
Phosphate			23		16	46		232
Oil shale								2
Sulphur	32							32
Hardrock (Reorg. Plan #3)	57		3		32	405		603
Other			3		4	1		50
Total other mineral leasing	328	4	264		195	476		1,909
Geothermal leasing: Non-competitive	141	521	52	183	3			2,309
Simultaneous								34
Competitive	4	6	6					180
Assignments and transfers	16	68	7					
Total geothermal leasing	161	595	65	183	3			2,523
Mineral entries and investigations: Public Law 167 - BLM		63		1	12			146
Public Law 167 - USFS		64		244				527
Public Law 357, 359, 585		50		18				199
Mineral entries, BLM and others	8	2	7	3	57	3		482
Mineral entries, USFS	3	3		1	1	3		114
Mineral classification								4
Land disposal conflicts	1				2			434
Multiple-use conflicts (nondisposal)	1	107		38	155			634
Reimbursable investigations		12						1,261
Other mineral cases (n.e.s.)	1	5		13	9	1		719
Total entries and investigations	14	306	7	318	236	7		4,500
Other transactions: Withdrawals and reservations	20	52	180	19	9	23		1,836
Restorations and revocations	19	39	59	14	26	17		544
Mineral material disposal	17		7					283
Total other transactions	56	91	246	33	35	40		2,663
Grand Total	5,262	2,742	3,053	829	5,069	4,665	62	76,074

¹Includes North and South Dakota.

²Includes Oklahoma and Texas.

³Includes all states bordering on or east of the Mississippi River.

TABLE 107.—*Adjudication operations, fiscal year 1979 (summary by State)*

State	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Alaska:					
Anchorage	13,056	1,047	2	657	13,448
Fairbanks	12,825	71	36	501	12,431
Arizona	1,573	1,974	617	2,258	1,906
California	3,531	1,233	484	1,602	3,646
Colorado	4,603	3,930	7,730	11,006	5,257
Idaho	4,421	1,959	205	1,758	4,827
Montana ¹	5,365	6,260	3,057	8,887	5,795
Nevada	4,436	6,841	494	4,689	7,082
New Mexico ²	5,578	6,420	7,370	14,106	5,262
Oregon	1,617	1,549	129	553	2,742
Utah	3,017	6,884	2,646	9,494	3,053
Washington	708	295	16	190	829
Wyoming	2,895	17,762	9,650	25,238	5,069
Eastern States ³	3,629	3,061	469	2,494	4,665
Total	67,254	59,286	32,905	83,433	76,012
Outer Continental Shelf	138	2,081	1,242	3,399	62
Grand Total	67,392	61,367	34,147	86,832	76,074

¹Includes North and South Dakota.²Includes Oklahoma and Texas.³Includes all states bordering on or east of the Mississippi River.

TABLE 108.—*Adjudication operations, fiscal year 1979*
(summary by type of case)

Type of case	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Nonmineral cases:					
Other lands cases (n.e.s.)	393	86	528	572	435
Exchanges	335	94	44	129	344
Homesteads	189	12	3	40	164
Desert lands	1,502	2,700	29	403	3,828
Native allotments	6,762	543	61	381	6,985
Color-of-title	157	46	12	36	179
Mining Claims Occupancy Act	33	.....	.....	6	27
Trade and mfg. homesites, hdqrs. sites	515	27	.....	94	448
Townsites	58	3	.....	3	58
State grants	1,987	887	20	59	2,835
Native selections	159	.....	.....	.....	159
Village selections	1,226	.....	.....	7	1,219
Regional selections	1,063	18	.....	6	1,075
Miscellaneous selections	3,584	.....	.....	78	3,506
Native reserves	5	.....	.....	2	3
Public sales	438	30	104	208	364
Public sales (1964 Act)	6	12	7	4	21
Small tract	198	4	18	21	199
Recreation and public purposes sales	772	118	237	303	824
Alaska public sale	.....	.....	.....	.....	.....
Rights-of-way	3,836	2,173	3,397	4,983	4,423
Nonmineral leases	194	15	31	44	196
Nonmineral permits	397	20	104	174	347
Total non-mineral cases	23,809	6,788	4,595	7,553	27,639
Oil and gas leasing:					
Other permits and leases	.....	2	435	436	1
Assignments and transfers	10,600	30,745	431	30,420	11,356
Noncompetitive (PD)	15,860	8,110	16,506	22,888	17,588
Noncompetitive (ACQ)	3,404	2,290	1,265	2,375	4,584
Simultaneous (PD)	2,120	7,392	7,277	14,216	2,573
Simultaneous (ACQ)	429	789	201	1,025	394
Competitive (PD)	155	317	400	708	164
Competitive (ACQ)	13	197	18	48	180
Outer Continental Shelf	56	1,540	1,191	2,787	.....
Total oil and gas leasing	32,637	51,382	27,724	74,903	36,840
Other mineral leasing:					
(leases, permits, and assignments)					
Outer Continental Shelf					
Coal	501	60	303	369	495
Potassium	374	53	109	201	335
Sodium	162	11	27	40	160
Phosphate	240	16	34	58	232
Oil shale	3	.....	2	3	2
Sulphur	.....	32	36	36	32
Hardrock (Reorg. Plan #3)	522	209	95	223	603
Other	42	17	16	25	50
Total other mineral leasing	1,844	398	622	955	1,909

TABLE 108.—*Adjudication operations, fiscal year 1979*
(summary by type of case)—continued

Type of case	Cases unclosed as of beginning of fiscal year	Cases opened during fiscal year		Cases closed during fiscal year	Cases unclosed as of end of fiscal year
		New	Reactivated		
Geothermal leasing:					
Noncompetitive	1,997	714	230	632	2,309
Simultaneous					
Competitive	21	24	23	34	34
Assignments and transfers	164	171	2	157	180
Total geothermal leasing	2,182	909	255	823	2,523
Mineral entries and investigations:					
Public Law 167 - BLM	162		8	24	146
Public Law 167 - USFS	527		5	5	527
Public Law 357, 359, 585	292	285	44	422	199
Mineral entries, BLM and others	453	74	30	95	462
Mineral entries, USFS	132	14	22	54	114
Mineral classification	4				4
Land disposal conflicts	477	21	2	66	434
Multiple-use conflicts (nondisposal)	697	110	18	191	634
Reimbursable investigations	1,292	160	15	206	1,261
Other mineral cases (n.e.s.)	1,125	224	331	961	719
Total entries and investigations	5,161	888	475	2,024	4,500
Other transactions:					
Withdrawals and reservations	898	886	397	345	1,836
Restorations and revocations	579	57	56	148	544
Mineral material disposal	282	59	23	81	283
Total other transactions	1,759	1,002	476	574	2,663
Grand Total	67,392	61,367	34,147	86,832	76,074

TABLE 109.—*Appeals from Bureau of Land Management decisions, fiscal year 1979*

Type of case	New cases opened during fiscal year	Cases closed during fiscal year
Land cases:		
Homestead	2	3
Desert land	7	3
Public sale	1	2
Small tract	1	2
Exchanges	1	1
Selections	27	88
Others	83	288
Total land cases	122	387
Mineral cases:		
Oil and gas	858	879
Other leasable minerals	81	75
Mining ¹	2,164	2,937
Total mineral cases	3,103	3,891
Grazing cases:		
.....	9	18
Other cases:		
Cadastral survey		4
Timber	8	2
Total other cases	8	6
Grand Total	3,242	4,302

¹Includes mining recordation claims.

TABLE 110.—*Bureau proceedings requiring formal hearings, fiscal year 1979*

A. HEARINGS HELD

Type of proceeding	Proceedings heard	Claims or entries affected
Government contests		
Minerals:		
Applications for patent	2	12
Adverse proceedings	108	675
Public Law 167	2	3
Public Law 359	2	2
Oil and gas leases	2	2
Total minerals	116	694
Lands	14	14
Total Government contests	130	708
Private contests		
Minerals	2	84
Total private contests	2	84
Grazing proceedings¹		
Appeals	11	31
Enforcement	7	10
Total grazing proceedings	18	41
Grand Total	150	833

¹Data appearing in columns headed "Claims" reflect number of permittees and licensees.

TABLE 110.—*Bureau proceedings requiring formal hearings, fiscal year 1979—continued*

B. SUMMARY BY DISPOSITION AND NUMBER OF CLAIMS OF ENTRIES AFFECTED

Type of proceeding	Unclosed proceedings as of beginning of fiscal year ¹		New proceedings referred for hearings during fiscal year		Total proceedings during fiscal year		Proceedings closed by hearings examiners during fiscal year						Proceedings pending as of end of fiscal year	
							By decision on merits after hearings		On procedural grounds without a hearing		Total			
	Number	Claims	Number	Claims	Number	Claims	Number	Claims	Number	Claims	Number	Claims	Number	Claims
Government contests														
Minerals:														
Application for patent	46	452	15	47	61	499	19	175	3	143	22	318	39	181
Adverse proceedings	172	1,647	152	864	324	2,511	115	716	45	246	160	962	164	1,549
Public Law 167	2	3	3	5	5	8	3	5	2	3	5	8	.....	.....
Public Law 359	20	20	15	15	35	35	12	12	11	11	23	23	12	12
Oil and gas leases	1	1	3	3	4	4	1	1	.....	.....	1	1	3	3
Total minerals	241	2,123	188	934	429	3,057	150	909	61	403	211	1,312	218	1,745
Lands	26	26	25	25	51	51	21	21	4	4	25	25	26	26
Total Government contests	267	2,149	213	959	480	3,108	171	930	65	407	236	1,337	244	1,771
Private contests														
Minerals:														
Public Law 585	1	16	.....	.....	1	16	.....	.....	1	16	1	16	.....	.....
Other	2	194	.....	.....	2	194	1	181	1	13	2	194	.....	.....
Total minerals	3	210	.....	.....	3	210	1	181	2	29	3	210	.....	.....
Lands	4	14	1	1	5	15	4	14	1	1	5	15	.....	.....
Total private contests	7	224	1	1	8	225	5	195	3	30	8	225	.....	.....
Total lands and minerals	274	2,373	214	960	488	3,333	176	1,125	68	437	244	1,562	244	1,771
Grazing proceedings²														
Appeals	23	35	71	94	94	129	13	19	28	35	41	54	53	75
Enforcement .....	.....	.....	8	12	8	12	3	3	.....	.....	3	3	5	9
Total grazing proceedings	23	35	79	106	102	141	16	22	28	35	44	57	58	84
Grand Total	297	2,408	293	1,066	590	3,474	192	1,147	96	472	288	1,619	302	1,855

¹Adjusted data.²Data appearing in columns headed Claims reflect number of permittees and licensees.

Part IV

ADMINISTRATION AND FINANCE

During the fiscal year 1979, the Bureau of Land Management obligated or transferred to it from other agencies \$542,102,146 appropriated by Congress (Table 113).

Gross receipts from sale and management of public lands and resources during the same period totaled \$4,051,959,380. Sources of these receipts were: \$3,753,856,040 from mineral leasing, including \$3,267,375,733 from bonuses, rents and royalties on the Outer Continental Shelf; \$218,208,408 from the sale of timber; \$193,548,297 which came from O&C timber sales; \$9,239,954 from sale of land and materials; \$19,877,143 from grazing leases, licenses and permits; \$39,730,131 from filing fees; \$869,213 from rights-of-way leases; and \$10,178,491 from all other sources (Table 115).

Receipts for the fiscal year 1979 were allocated as follows: \$329,596,184 to 24 States, of which \$97,586,748 went to 18 Western Oregon O&C counties; \$197,579,280 to the Reclamation Fund; \$3,490,586,897 went into the General Fund of the Treasury; \$22,808,680 to other Government agencies; \$768,437 to Indian Trust Funds; and \$10,619,902 for range improvements (Tables 121 and 122).

TABLE 111.—*Obligations incurred, fiscal year 1979*

Appropriation title	Amount obligated
Appropriations made to the Bureau of Land Management	
Management of lands and resources	\$344,802,967
Range Improvements, Bureau of Land Management	8,431,613
Acquisition, construction and maintenance, Bureau of Land Management	18,794,562
Oregon and California grant lands, Bureau of Land Management	60,750,333
Payment in lieu of taxes	104,930,431
Recreational development and operation of recreational facilities	424,920
Total appropriations made to the Bureau of Land Management	538,134,826
Appropriations transferred from other bureaus and agencies to the Bureau of Land Management	
Land and water conservation	2,449,126
Control of forest pests	1,518,194
Total appropriations transferred to the Bureau of Land Management	3,967,320
Grand Total	542,102,146

TABLE 112.—Receipts from the disposition of public lands and resources, May 20, 1785—fiscal year 1979

Fiscal year	Source						Total
	Sales of public land and materials	Sales of timber	Fees and commissions	Mineral leases	Outer Continental Shelf leases	Miscellaneous ²	
May 20, 1785 - June 30, 1880						\$208,059,657	\$208,059,657
1881-1890	\$76,923,581		\$13,471,437			8,873,661	99,268,679
1891-1900	21,312,029		9,152,920			3,027,577	33,492,526
1901-1910	64,777,706		16,074,789			13,242,241	94,094,736
1911-1920	27,940,144	\$767,589	14,734,586			23,580,948	67,023,267
1921-1930	6,734,345	7,537,400	7,173,853	\$76,371,588		6,636,922	104,454,108
1931-1940	1,334,320	4,289,226	1,944,753	44,602,550		5,813,130	57,983,979
1941-1946	864,513	8,800,421	353,101	50,792,727		11,457,439	72,268,201
1947-1950	1,332,915	15,910,633	875,772	95,415,072		14,090,979	127,625,371
1951-1960	23,462,798	208,631,073	9,075,890	615,668,922	\$434,731,179	107,926,288	1,399,496,150
1961-1970	28,799,311	478,508,666	36,265,491	1,093,760,046	2,917,726,546	214,394,232	4,769,454,292
1971	2,013,823	70,663,296	4,096,965	135,241,084	1,050,549,370	25,303,256	1,287,867,794
1972	1,941,520	83,519,703	5,351,278	129,824,006	279,352,756	25,104,309	525,093,572
1973	1,797,933	104,642,478	6,791,187	133,408,962	3,955,577,016	27,896,419	4,230,113,995
1974	2,055,637	127,775,072	12,460,437	252,797,918	6,748,394,120	34,183,006	7,177,666,190
1975	20,281,349	108,154,926	18,275,360	302,621,580	2,427,965,140	42,316,010	2,919,614,365
1976	5,761,063	130,840,694	19,356,651	320,849,069	2,662,447,775	52,674,367	3,191,929,619
1976 transition period (7/1-9/30/76)	1,490,772	67,007,633	6,158,539	63,092,049	1,311,118,829	11,287,050	1,460,154,872
1977	2,816,124	235,297,905	26,791,090	315,133,478	2,372,984,091	55,031,963	3,008,054,651
1978	1,609,366	195,393,391	31,813,475	369,800,778	2,259,308,176	65,962,698	2,923,887,884
1979	9,239,954	218,208,408	39,730,131	446,019,825	3,276,375,733	62,385,329	4,051,959,380
Total, fiscal years 1971-1979	49,007,541	1,341,503,506	170,825,113	2,468,788,749	26,344,073,006	402,144,407	30,776,342,322
Grand Total	302,489,203	2,065,948,514	279,947,705	4,445,399,654	29,696,530,731	1,019,247,481	37,809,563,288

¹Act of February 25, 1920 (41 Stat. 437; 20 U.S.C. 181 seq.).

²Before 1880, includes all receipts from sale or lease of public lands and resources. After 1880, includes sales of Indian lands, grazing revenues, rental of land, mineral leasing under special laws, and other miscellaneous sources.

Note.—Includes the collections of the Bureau of Land Management and its predecessor organizations (1785-1946), the General Land Office (1785-1934); and the Grazing Service (1934-1946). For annual data for 1881-1946, see GLO Statistical Appendix for 1946. For annual data for 1947-1961, see BLM Statistical Appendix for 1961. For annual data for 1962-1970, see Public Land Statistics for 1970.

TABLE 113.—Statement of receipts by source, fiscal year 1979

State	Mineral leases and permits	Sales of timber	Sales of land and minerals	Grazing leases, licenses, and permits			All other receipts				Total
				Sec. 3	Sec. 15	Other	Fees and commissions	Rights-of-way	Rent of land	Other sources	
Alabama	119,409						4,380		1,379		125,168
Alaska	2,481,892	230	864,617				212,243	6,864	(254,368)	40,625	3,356,875
Arizona	2,483,903	2,032	34,692	1,083,021	281,433		237,514	55,734	11,297	96,282	4,298,272
Arkansas	1,446,742						69,580	5	1,685		1,518,012
California	40,397,637	405,611	47,503	476,039	287,366	1,028	317,965	143,299	38,153	273,851	42,388,452
Colorado	40,174,890	250,891	84,812	738,402	101,535		1,984,753	37,488	71,468	60,765	43,505,004
Florida	340,790						135,425	20	2,435		478,670
Georgia	7,091						60				7,151
Idaho	5,069,888	840,790	156,154	1,963,693	73,865		113,565	101,946	30,228	78,611	8,428,740
Illinois	62,256						1,160	395	9		63,820
Indiana	1,137						1,430				2,567
Kansas	1,560,227				237				2,970		1,563,434
Kentucky	180,835						930			30	181,795
Louisiana	6,379,516		2,610				109,128	5,160	1,291		6,497,705
Maine									66		66
Maryland	67										67
Michigan	442,231						12,975	185	6,338	150	461,879
Minnesota	20,423		1,800				90				22,313
Mississippi	1,954,263						263,206		16,830	310	2,234,609
Missouri	10,458,018						925				10,458,943
Montana	16,802,350	325,082	41,234	1,293,023	283,089	803,091	3,218,296	9,209	32,034	6,295	22,813,703
Nebraska	491,801				2,482				42,849		537,132
Nevada	13,318,632	55,064	7,490,830	3,192,300	85,810		533,189	120,985	14,443	32,607	24,843,860
New Mexico	149,049,507	26,105	113,003	2,312,509	472,263	42,541	4,918,329	169,092	48,454	26,593	157,178,396
New York	14,852										14,852
North Carolina							360				360

North Dakota	6,792,531		216		17,080		18,340		96,242		6,924,409
Ohio	16,504						150				16,914
Oklahoma	4,342,272				308		7,340		70,701	5,175	4,425,796
Oregon	481,379	² 216,197,011	56,237	1,705,833	101,608	1,167	71,226	116,081	8,129	22,638	218,761,309
Pennsylvania	842						280				1,122
South Carolina							10				10
South Dakota	1,505,607	5,041	15,068		135,318		24,575	1,230	8,187		1,695,026
Tennessee	611						390				1,001
Texas	427,885						1,970		497		430,352
Utah	25,284,518	15,257	51,798	1,423,341	1,244	226	3,084,298	38,918	18,523	31,639	29,949,762
Virginia	202,825						300,760				503,585
Washington	137,397	5,522	8,738		52,638		19,910	5,983	7,945	131,599	369,732
West Virginia	148,791						660				149,451
Wisconsin	683						600	10			1,293
Wyoming	153,880,105	79,772	270,642	2,002,180	889,648	35,689	24,064,119	56,609	8,602	93,151	181,380,517
Total States	³ 486,480,307	218,208,408	9,239,954	16,190,341	2,785,924	900,878	39,730,131	869,213	286,387	900,581	775,592,124
Outer Continental Shelf	3,267,375,733										
Total operating revenue	3,753,856,040	218,208,408	9,239,954	16,190,341	2,785,924	900,878	39,730,131	869,213	286,387	900,581	4,042,967,857
Nonoperating revenue										8,991,523	8,991,523
Grand Total	3,753,856,040	218,208,408	9,239,954	16,190,341	2,785,924	900,878	39,730,131	869,213	286,387	9,892,104	4,051,959,380

¹Prior year adjustment.

²Includes "O&C" lands \$193,548,297 and Coos Bay lands \$10,870,170.

³Includes \$16,458,892 from sale of geothermal steam.

TABLE 114.—*Geological Survey receipts deposited to Bureau of Land Management accounts, fiscal year 1979*

State	Oil and gas	Coal	Phosphate	Potash	Sodium	Other	Total
Alabama.....	\$18,340	\$3,833				\$6,598	\$28,771
Alaska.....	2,001,367	957				632	2,002,956
Arizona.....	795				\$8,320	6,897	16,012
Arkansas.....	697,684					657	698,341
California.....	20,217,295	80	\$585	\$480,881	2,859,731	21,556	23,580,128
Colorado.....	28,979,918	3,573,307		790	31,149	4,130	32,589,294
Florida.....	3,343					3,847	7,190
Georgia.....						7,055	7,055
Idaho.....			2,303,945			425	2,304,370
Illinois.....						60,833	60,833
Kansas.....	1,497,502					7,662	1,505,164
Kentucky.....	80,882	41,043				126	122,051
Louisiana.....	5,177,936					1,005,208	6,183,144
Maryland.....	379						379
Michigan.....	260,521					804	261,325
Minnesota.....						11,714	11,714
Mississippi.....	1,322,094					1,038	1,323,132
Missouri.....						10,445,152	10,445,152
Montana.....	7,801,323	1,109,444	135,835			401,900	9,448,502
Nebraska.....	259,345					853	260,198
Nevada.....	1,485,535			44,175	69,806	71,318	1,670,834
New Mexico.....	132,581,095	910,237		6,902,142	80	115,355	140,508,909
North Dakota.....	5,019,457	86,420				6,860	5,112,737
Ohio.....	9,797					70	9,867
Oklahoma.....	2,700,922	860,910				10,324	3,572,156
Oregon.....	308	2,873				1,994	5,175
Pennsylvania.....	600						600
South Dakota.....	276,054						276,054
Texas.....	288,369					1,155	289,524
Utah.....	8,521,131	1,653,623	6,462	38,985	327,495	50,478	10,598,174
Virginia.....						4,091	4,091
Washington.....	280	24,574				31,078	55,932
West Virginia.....	379						379
Wyoming.....	120,539,147	7,082,108	12,819		8,425,125	616,170	136,675,369
Total States.....	339,741,798	15,349,409	2,459,646	7,466,973	11,721,706	12,895,980	389,635,512
Outer Continental Shelf.....	1,352,632,261					5,318	1,352,647,579
Grand Total.....	1,692,374,059	15,349,409	2,459,646	7,466,973	11,721,706	12,901,298	1,742,273,091

TABLE 115.—Receipts from mineral leases, licenses and permits on public lands, fiscal year 1979

State	Oil and gas	Coal	Phosphate	Potash	Sodium	Other	Total
Alabama	\$20,576	\$2,957				\$6,598	\$30,131
Alaska	1,987,539	2,237					1,989,776
Arizona	2,416,650				\$8,320	25,767	2,450,737
Arkansas	770,947					1,799	772,746
California	23,013,270	80	\$585	\$483,865	2,864,218	13,610,179	39,972,197
Colorado	36,364,559	3,588,899		790	31,148	34,910	40,020,306
Florida	5,286						5,286
Idaho	2,510,687		2,306,885			250,565	5,068,137
Kansas	1,397,557					7,543	1,405,100
Kentucky	21,793					96	21,889
Louisiana	2,358,978					1,006,593	3,365,571
Michigan	55,556					695	56,251
Mississippi	48,778					959	49,737
Montana	14,152,579	1,109,564	122,339			337	15,384,819
Nebraska	394,135					853	394,988
Nevada	11,523,758			44,175	70,069	1,675,342	13,313,344
New Mexico	140,484,737	910,237		6,913,894	385	439,917	148,749,170
North Dakota	1,790,355	990,348				3,336	2,784,039
Oklahoma	2,759,380	860,910				10,253	3,630,543
Oregon	84,847	2,873				375,867	463,587
South Dakota	1,317,224						1,317,224
Texas	158,914					1,156	160,070
Utah	22,614,029	1,698,871	6,462	51,376	327,495	540,909	25,239,042
Washington	67,558	24,575				31,078	123,211
Wyoming	136,910,094	7,128,563	12,819		8,426,302	569,808	153,047,586
Total	403,229,786	16,320,114	2,449,090	7,494,100	11,727,937	18,594,460	459,815,487

TABLE 116.—Receipts from mineral leases and permits on acquired lands, fiscal year 1979

State	Oil and gas	Coal	Other	Total
Alabama	\$82,447	\$1,916	\$4,915	\$89,278
Alaska	38,662		453,454	492,116
Arizona	795		32,371	33,166
Arkansas	667,769		6,227	673,996
California	354,573		70,867	425,440
Colorado	149,849		4,735	154,584
Florida	312,597		22,907	335,504
Georgia			7,091	7,091
Idaho	832		919	1,751
Illinois	371		61,885	62,256
Indiana	1,137			1,137
Kansas	155,009		118	155,127
Kentucky	116,308	41,043	1,595	158,946
Louisiana	3,005,595		8,350	3,013,945
Maryland	67			67
Michigan	385,980			385,980
Minnesota	3,797		16,626	20,423
Mississippi	1,857,450		47,076	1,904,526
Missouri	3,949		10,454,069	10,458,018
Montana	12,062		1,405,469	1,417,531
Nebraska	94,687		2,126	96,813
Nevada			5,288	5,288
New Mexico	204,135		96,202	300,337
New York	14,852			14,852
North Dakota	4,008,492			4,008,492
Ohio	16,504			16,504
Oklahoma	711,729			711,729
Oregon	14,452		3,340	17,792
Pennsylvania	599	243		842
South Dakota	188,383			188,383
Tennessee	611			611
Texas	267,083		732	267,815
Utah	27,600		17,876	45,476
Virginia	171,880		30,945	202,825
Washington	14,166		20	14,186
West Virginia	148,791			148,791
Wisconsin	495		188	683
Wyoming	772,988	880	58,651	832,519
Total	13,806,696	44,082	12,814,042	26,664,820

Note.—Under the Act of August 7, 1947 (61 Stat. 913).

**TABLE 117.—Receipts under the Mineral Leasing Act, February 25, 1920—
fiscal year 1979**

State	Fiscal years 1920—1977	Fiscal year 1978	Fiscal year 1979	Total
Alabama	\$645,483	\$30,930	\$25,687	\$702,100
Alaska	144,804,888	1,627,599	1,989,776	148,422,263
Arizona	10,838,229	1,485,687	2,443,840	14,767,756
Arkansas	2,522,712	469,544	416,454	3,408,710
California	320,717,631	20,322,348	37,213,597	378,253,576
Colorado	529,524,235	30,498,732	39,990,289	600,013,256
Florida	350,124	135,009	5,286	490,419
Idaho	20,902,427	4,203,745	5,068,137	30,174,309
Illinois	222	.....	.....	222
Indiana	240	.....	.....	240
Kansas	9,977,498	1,139,394	1,339,641	12,456,533
Louisiana	14,422,203	593,693	1,541,410	16,557,306
Michigan	484,364	55,817	56,251	596,432
Mississippi	552,437	19,878	34,410	606,725
Montana	173,720,739	14,523,132	15,379,170	203,623,041
Nebraska	704,406	76,858	143,162	924,426
Nevada	30,884,273	9,096,491	13,230,204	53,210,968
New Mexico	764,166,700	113,662,010	141,835,074	1,019,663,784
North Dakota	16,647,040	1,436,667	2,750,597	20,834,304
Oklahoma	10,359,839	7,168,609	2,484,435	20,012,883
Oregon	2,229,111	396,420	463,279	3,088,810
South Dakota	9,080,592	716,575	1,317,070	11,114,237
Utah	238,995,411	23,717,731	25,121,756	287,834,898
Washington	422,652	65,772	123,211	611,635
Wyoming	1,327,075,653	138,358,137	153,047,089	1,618,480,879
Total	3,630,029,109	369,800,778	446,019,825	4,445,849,712

¹Includes receipts from oil and gas \$397,850,107; coal, \$15,459,204; phosphate, \$2,449,090; sodium, \$11,727,937; geothermal, \$16,458,892; and other \$2,074,595. Potash receipts not included.

Note.—Act of February 25, 1920 (41 Stat. 437; 30 U.S.C. 181 et seq.). These figures are not adjusted for refunds and other corrections.

TABLE 118.—Receipts under miscellaneous mineral leasing acts,
fiscal year 1979

State	Miscellaneous mineral leasing acts	Acquired land acts ¹	Other acts	Total
Alabama	\$4,444	\$89,278		\$93,722
Alaska		492,116		492,116
Arizona	6,897	33,166		40,063
Arkansas	356,292	673,996		1,030,288
California	2,274,735	425,440	² \$483,865	3,184,040
Colorado	29,227	154,584	² 790	184,601
Florida		335,504		335,504
Georgia		7,091		7,091
Idaho		1,751		1,751
Illinois		62,256		62,256
Indiana		1,137		1,137
Kansas	65,459	155,127		220,586
Kentucky	21,889	158,946		180,835
Louisiana	1,824,161	3,013,945		4,838,106
Maryland		67		67
Michigan		385,980		385,980
Minnesota		20,423		20,423
Mississippi	15,327	1,904,526		1,919,853
Missouri		10,458,018		10,458,018
Montana	5,649	1,417,531		1,423,180
Nebraska	251,826	96,813		348,639
Nevada	38,965	⁵ 5,288	² 44,175	88,428
New Mexico	202	300,337	² 6,913,894	7,214,433
New York		14,852		14,852
North Dakota	33,442	4,008,492		4,041,934
Ohio		16,504		16,504
Oklahoma	⁴ 1,146,108	711,729		1,857,837
Oregon	308	17,792		18,100
Pennsylvania		842		842
South Dakota	154	188,383		188,537
Tennessee		611		611
Texas	160,070	267,815		427,885
Utah	65,910	45,476	² 51,376	162,762
Virginia		202,825		202,825
Washington		14,186		14,186
West Virginia		148,791		148,791
Wisconsin		683		683
Wyoming	497	832,519		833,016
Outer Continental Shelf:				
Gulf of Mexico			² 2,937,489,755	2,937,489,755
Atlantic Coast			⁴ 41,916,893	41,916,893
Pacific Coast			² 285,647,050	285,647,050
Alaska			² 2,322,035	2,322,035
Total	⁶6,301,562	26,664,820	3,274,869,833	3,307,836,215

¹Act of August 7, 1947 (61 Stat. 913).

²Potash Leasing Act.

³Includes \$5,160 Silica Sand Leasing Act.

⁴Includes \$860,910, former Choctaw Chicasaw Indian lands (coal).

⁵Outer Continental Shelf Act (43 U.S.C. 1338).

⁶Includes oil and gas \$5,379,679; coal \$860,910; and other \$60,973.

TABLE 119.—Allocation of Bureau of Land Management receipts, fiscal year 1979

Source of receipts	Indian trust funds	Reclamation fund	States and counties	Other funds	Total
Mineral leases and permits	\$768,437	\$180,694,824	\$227,671,612	\$77,345,434	\$486,480,307
Outer Continental Shelf leases				3,267,375,733	3,267,375,733
Sales of public land and materials		6,361,904	369,598	2,508,452	9,239,954
Sales of public timber		10,477,791	551,472	2,760,678	13,789,941
Fees and commissions				39,730,131	39,730,131
O&C lands			96,774,149	96,774,148	² 193,548,297
Coos Bay Wagon Road lands			602,927	10,267,243	10,870,170
Grazing leases			1,392,962	1,392,962	³ 2,785,924
Grazing district fees			2,023,792	14,166,549	³ 16,190,341
Rights-of-way		1,355		867,858	869,213
Miscellaneous leases and permits		43,406	209,672	934,187	³ 1,187,265
Nonoperating revenue				8,991,523	8,991,523
Other				900,581	900,581
Total	768,437	197,579,280	329,596,184	3,524,015,479	4,051,959,380

¹Includes acquired lands \$26,664,820 and transferred lands \$6,301,562.

²Includes transfers from Forest Service \$31,111,178.

³Includes \$10,619,902 for range improvement fund.

TABLE 120.—Allocation of Bureau of Land Management receipts to States, fiscal year 1979

State	Sale of public land, materials and timber	Mineral leases and permits	Taylor grazing leases	Taylor grazing districts	Other	Total
Alabama		\$12,844				\$12,844
Alaska	\$34,594	1,527,227				1,561,821
Arizona	1,469	1,221,920	\$140,717	\$135,378		1,499,484
Arkansas		208,227				208,227
California	18,125	18,848,731	143,683	59,505		19,070,044
Colorado	13,428	19,995,540	50,767	92,300		20,152,035
Florida		2,643				2,643
Idaho	39,752	2,534,068	36,932	245,462		2,856,214
Kansas		669,820	118			669,938
Louisiana	104	770,705				770,809
Michigan		28,125				28,125
Minnesota	72					72
Mississippi		17,205				17,205
Montana	14,653	8,036,733	141,545	161,628	\$200,661	8,555,220
Nebraska		71,581	1,241			72,822
Nevada	301,836	6,637,189	42,905	399,037		7,380,967
New Mexico	5,564	74,382,220	236,132	289,063	9,011	74,921,990
North Dakota	9	1,375,299	8,540			1,383,848
Oklahoma		1,265,853	154			1,266,007
Oregon	473,391	231,639	50,804	213,229	\$97,377,076	98,346,139
South Dakota	804	658,535	67,659			726,998
Utah	2,682	12,590,357		177,918		12,770,957
Washington	570	61,606	26,319			88,495
Wyoming	14,017	76,523,545	445,446	250,272		77,233,280
Total	921,070	227,671,612	1,392,962	2,023,792	97,586,748	329,596,184

¹Executive Order 10787, November 6, 1958, from grazing.

²From "O&C" lands \$96,774,149; Coos Bay Wagon Road lands \$602,927.

Y
↓
\$3416,754.⁰⁰

TABLE 121.—Legal allocation of Bureau of Land Management receipts, fiscal year 1979

Source of receipts	Authority	Disposition of gross receipts				
		States and counties	General fund	Indian trust	Reclamation	Range improvement ¹⁶
Mineral leases and permits:		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Public domain (except Alaska)	30 U.S.C. 191 and 286	50.0	10.0		40.0	
Public domain (Alaska):	30 U.S.C. 191 as amended by Acts of July 7,					
Oil and gas royalties	1958, and December 18, 1971	75.6	8.4	16.0		
All other mineral rents and bonuses	(Statehood Act and Alaska Natives Claims Act)	88.2	9.8	2.0		
Oregon and California grant lands	43 U.S.C. 1181f	75.0	25.0			
Coos Bay Wagon Road grant lands	Act of May 24, 1939	75.0	25.0			
Choctaw Chickasaw lands, Oklahoma	58 Stat. 484-5			100.0		
LU lands (Section 3)	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563	12.5	37.5			50.0
LU lands (Section 15)	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563	50.0				50.0
LU lands (Section 3)	Executive Orders 10787, 10890; Solicitor's Opinion March 11, 1971	25.0	25.0			50.0
LU lands (Section 15)	Executive Orders 10787, 10890; Solicitor's Opinion March 11, 1971	25.0	25.0			50.0
Shoshone-Arapahoe Tribes, Wyoming	25 U.S.C. 611			100.0		
Naval petroleum and oil shale reserves	30 U.S.C. 191		100.0			
Acquired lands	30 U.S.C. 355	(*)				
Outer Continental Shelf	43 U.S.C. 1338		100.0			
State selected lands (except Alaska)	Act of September 14, 1960	90.0	10.0			
South half of Red River	Act of June 12, 1926	37.5		62.5		
Land and materials (including timber):						
Oregon and California grant lands	43 U.S.C. 1181f	75.0	25.0			
Coos Bay Wagon Road grant lands	Act of May 24, 1939	75.0	25.0			
Public domain and acquired lands in "Reclamation States" ¹⁵	43 U.S.C. 391 and 30 U.S.C. 601	64.0	20.0		76.0	
Public domain and acquired lands outside "Reclamation States" ¹⁵	31 U.S.C. 711 (17)	64.0	96.0			
LU lands	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563; Executive Orders 10787, 10890; Solicitor's Opinion March 11, 1971	(7)				
Reclamation lands (within Reclamation project)	43 U.S.C. 394 and Cooperative Agreement March 8, 1972				100.0	
Townsites in Reclamation project	34 Stat. 116; 20 C.G. 365	5.0			95.0	
Naval petroleum and oil shale reserves	10 U.S.C. 7431		100.0			

Grazing (Section 3):						
Public domain lands (grazing fee only) ⁵	43 U.S.C. 315i	12.5	37.5	.....	⁸ 100.00	.....
LU lands (grazing fee only)	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563	12.5	37.5	.....	⁹ 95.0	.....
LU lands (grazing fee only)	Executive Orders 10787, 10890, Solicitor's Opinion March 11, 1971	25.0	25.0	.....		.....
Public domain and LU lands (range improvement fee)	Same as public domain and LU lands					50.0
Public domain (Alaska)	43 U.S.C. 316h	(¹¹)				50.0
Reclamation lands (within Reclamation project)	43 U.S.C. 394 and Cooperative Agreement March 8, 1972					50.0
Leased lands	43 U.S.C. 315m-4		¹² 100.0			¹⁰ 100.0
Grazing (Section 15):						
Public domain lands (total receipts) ⁵	43 U.S.C. 315i	50.0				¹⁵ 50.0
LU lands (total receipts)	Executive Order 10046, 10234, 10322; Comptroller General Decisions 102563	50.0				¹⁵ 50.0
LU lands (total grazing receipts)	Executive Orders 10787, 10890, Solicitor's Opinion March 11, 1971	25.0	25.0			¹⁵ 50.0
O&C and Coos Bay Wagon Road grant lands	43 U.S.C. 1181d	75.0	25.0			
Reclamation lands (within Reclamation project)	43 U.S.C. 394 and Cooperative Agreement March 8, 1972				100.0	
Other receipts	Not specifically designated by law		100.0			

¹Amount to Indian trust is for Alaska Native Fund.

²One-third of this amount is to reimburse Treasury for moneys appropriated for access roads and reforestation; counties receive at least 50% of gross receipts.

³Amount to counties is available for payment upon receipt of tax bills. Any surplus after each 10 year period is paid into the general fund.

⁴Distributed by the Agency having jurisdiction over the lands in the same manner as prescribed for other receipts from the same lands.

⁵Includes revenues from Reclamation lands outside Reclamation projects per Cooperative Agreement of March 8, 1972.

⁶Payment to States represents 5% of net receipts.

⁷Distribution same as LU mineral leases and permits.

⁸Payment to Reclamation fund is made after deducting costs of sale, or 10% of revenue, whichever is less, to reimburse Bureau of Land Management for sale expenses.

⁹Bureau of Reclamation may pay costs of sale from Reclamation fund, or expenses may be paid and deducted by Bureau of Land Management prior to transfer to Reclamation fund.

¹⁰Range improvement fees are appropriated and available to Bureau of Land Management for the construction, purchase, or maintenance of range improvements.

¹¹Appropriated and available to Bureau of Land Management for the leasing of lands for grazing purposes.

¹²Payment to State represents receipts in excess of the actual cost of administration of the grazing program in Alaska.

TABLE 122.—*Allocations to States out of receipts from sales of public lands, March 3, 1803—fiscal year 1979*

States	Fiscal years 1803—1977	Fiscal year 1978	Fiscal year 1979	Total
Alabama	\$1,109,647			\$1,109,647
Alaska	415,870	\$1,169	\$34,585	451,624
Arizona	292,865	1,876	1,388	296,129
Arkansas	389,228			389,228
California	2,729,628	39,836	1,900	2,771,364
Colorado	742,562	2,442	3,392	748,396
Florida	227,687			227,687
Idaho	714,418	¹ (8,854)	6,246	711,810
Illinois	1,188,153			1,188,153
Indiana	1,040,316			1,040,316
Iowa	633,684			633,684
Kansas	1,128,584			1,128,584
Louisiana	483,309		104	483,413
Michigan	594,798			594,798
Minnesota	610,610		72	610,682
Mississippi	1,083,513			1,083,513
Missouri	1,061,506			1,061,506
Montana	802,777	373	1,649	804,799
Nebraska	581,330			581,330
Nevada	682,504	6,789	299,633	988,926
New Mexico	471,930	5,183	4,520	481,633
North Dakota	543,607		9	543,616
Ohio	999,361			999,361
Oklahoma	88,744			88,744
Oregon	2,718,901	1,220	2,250	2,722,371
South Dakota	362,018	19	603	362,640
Utah	435,764	1,467	2,072	439,303
Washington	590,341	6,038	350	596,729
Wisconsin	593,329			593,329
Wyoming	480,862	6,817	10,825	498,504
Total	23,797,846	64,375	369,598	24,231,819

¹Prior year adjustments.

Note.—Each public land State receives 5 percent of the net proceeds from the sale of public land and materials within its boundaries to be used for public education, roads, and public improvements.

**TABLE 123.—Allocations to States from mineral leasing acts receipts,
February 25, 1920—fiscal year 1979**

State	Fiscal years 1920—1977	Fiscal year 1978	Fiscal year 1979	Total
Alabama	\$246,583	\$15,465	\$12,844	\$274,892
Alaska	125,411,067	1,258,153	1,527,227	128,196,447
Arizona	4,188,333	742,939	1,221,920	6,153,192
Arkansas	979,715	234,772	208,227	1,422,714
California	129,271,955	10,371,307	18,848,731	158,491,993
Colorado	203,044,232	15,249,812	19,995,540	238,289,584
Florida	133,001	67,504	2,643	203,148
Idaho	8,240,810	2,101,873	2,534,068	12,876,751
Illinois	83			83
Indiana	90			90
Kansas	3,871,621	569,697	669,820	5,111,138
Louisiana	5,498,004	296,847	770,705	6,565,556
Michigan	185,972	27,909	28,125	242,006
Mississippi	210,287	9,939	17,205	237,431
Montana	69,025,989	7,507,936	8,036,733	84,570,658
Nebraska	275,864	38,429	71,581	385,874
Nevada	12,392,271	4,568,829	6,637,189	23,598,289
New Mexico	337,485,813	59,709,426	74,382,220	471,577,459
North Dakota	6,505,647	718,334	1,375,299	8,599,280
Oklahoma	4,230,053	3,586,456	2,265,853	9,082,362
Oregon	897,527	198,210	231,639	1,327,376
South Dakota	3,505,740	358,287	658,535	4,522,562
Utah	92,664,880	11,890,635	12,590,357	117,145,872
Washington	161,925	32,886	61,606	256,417
Wyoming	513,855,888	69,179,068	76,523,545	659,558,501
Total	1,522,283,350	188,734,713	227,671,612	1,938,689,675

¹Includes \$347,148 for Montana and \$7,736 for New Mexico under Executive Order of November 6, 1958.

²Includes \$23,636 for south half of Red River.

³Includes \$1,329 under Executive Order of October 27, 1960.

Note.—The Acts of February 25, 1920 (41 Stat. 437; 30 U.S.C. 181 et seq.), October 2, 1917 (40 Stat. 297), and February 7, 1927 (44 Stat. 1057; 30 U.S.C. 281 et seq.).

**TABLE 124.—Allocations to States from Taylor Grazing Act (Section 3) receipts
June 28, 1934—fiscal year 1979**

State	Fiscal years 1934—1977	Fiscal year 1978	Fiscal year 1979	Total
Arizona	\$810,752	\$95,081	\$135,378	\$1,041,211
California	329,808	22,780	59,505	412,093
Colorado	915,112	73,338	92,300	1,080,750
Idaho	1,641,474	187,578	245,462	2,074,514
Montana	1,079,805	139,155	161,628	1,380,588
Nevada	2,858,898	359,996	399,037	3,617,931
New Mexico	2,251,796	257,633	289,063	2,798,492
Oregon	1,287,256	158,161	213,229	1,658,646
Utah	2,057,135	146,925	177,918	2,381,978
Wyoming	2,030,094	215,069	250,272	2,495,435
Total	15,262,130	1,655,716	2,023,792	18,941,638

Note.—The Act of June 28, 1934 (48 Stat. 1269; 43 U.S.C. 315), as amended.

**TABLE 125.—Allocations to States from Taylor Grazing Act (Section 15) receipts
June 28, 1934—fiscal year 1979**

State	Fiscal years 1934—1977	Fiscal year 1978	Fiscal year 1979	Total
Arizona	\$1,186,326	\$114,507	\$140,717	\$1,441,550
Arkansas	358	.....	.....	358
California	1,508,153	128,524	143,683	1,780,360
Colorado	490,466	44,143	50,767	585,376
Idaho	369,541	32,298	36,932	438,771
Kansas	745	91	118	954
Louisiana	43	.....	.....	43
Minnesota	45	.....	.....	45
Mississippi	5	.....	.....	5
Montana	1,319,844	132,303	141,545	1,593,692
Nebraska	10,237	1,002	1,241	12,480
Nevada	263,381	30,245	42,905	336,531
New Mexico	1,214,457	197,240	236,132	1,647,829
North Dakota	74,242	6,099	8,540	88,881
Oklahoma	5,880	349	154	6,383
Oregon	511,742	42,329	50,804	604,875
South Dakota	523,044	61,598	67,659	652,301
Washington	239,966	21,738	26,319	288,023
Wyoming	3,406,325	359,742	445,446	4,211,513
Total	11,124,800	1,172,208	1,392,962	13,689,970

Note.—The Act of June 28, 1934 (48 Stat. 1269; 43 U.S.C. 315), as amended.

TABLE 126.—Allocations to counties from revested Oregon and California and reconveyed Coos Bay Wagon Road land-grant funds, June 8, 1916—fiscal year 1979

State and County	Fiscal years 1916—1977 ¹	Fiscal year 1978	Fiscal year 1979	Total
O&C funds				
Oregon:				
Benton	\$21,743,941	\$2,424,742	\$2,719,354	\$26,888,037
Clackamas	42,220,309	4,789,080	5,370,965	52,380,354
Columbia	15,615,821	1,777,569	1,993,547	19,386,937
Coos	45,128,179	5,091,094	5,709,675	55,928,948
Curry	26,456,352	3,149,575	3,532,256	33,138,183
Douglas	190,952,141	21,615,579	24,241,924	236,809,644
Jackson	120,059,949	13,521,602	15,164,509	148,746,060
Josephine	90,033,528	10,423,800	11,690,317	112,147,645
Klamath	17,578,289	2,019,180	2,264,515	21,861,984
Lane	116,317,982	13,176,443	14,777,413	144,271,838
Linn	2,803,224	310,643	348,387	3,462,254
Linn	20,380,719	2,278,049	2,554,838	25,213,606
Marion	11,237,561	1,259,830	1,412,903	13,910,294
Multnomah	6,185,547	940,558	1,054,838	10,180,943
Polk	16,728,107	1,863,858	2,090,322	20,682,287
Tillamook	4,341,891	483,223	541,935	5,367,049
Washington	4,860,956	543,625	609,677	6,014,258
Yamhill	5,554,253	621,286	696,774	6,872,313
Total Oregon	760,198,749	86,289,736	96,774,149	943,262,634
Washington:				
Clark	3,765			3,765
Total from O&C funds	760,202,514	86,289,736	96,774,149	943,266,399
Coos Bay funds				
Oregon:				
Coos	8,246,305	1,517,483	578,211	10,341,999
Douglas	1,811,964	338,598	24,716	2,175,278
Total from Coos Bay funds	10,058,269	1,856,081	602,927	12,517,277
Grand Total	770,260,783	88,145,817	97,377,076	955,783,676

¹Excludes \$1,571,044 paid to counties during 1913-1915.

Note.—Allocations made under authority of the Acts of June 9, 1916 (39 Stat. 218); February 26, 1919 (40 Stat. 1179); July 13, 1926 (44 Stat. 915); August 28, 1937 (50 Stat. 874); May 24, 1939 (53 Stat. 753); and Section 1(b) of the Act of June 24, 1954 (68 Stat. 270).

TABLE 127.—Amount credited to the reclamation fund from public land sales, 1901—fiscal year 1979

State	Fiscal years 1901—1977	Fiscal year 1978	Fiscal year 1979	Total
Arizona	\$8,502,551	\$36,706	\$27,910	\$8,567,167
California	44,196,086	2,020,709	344,367	46,561,162
Colorado	15,621,255	194,855	255,134	16,071,244
Idaho	18,135,243	203,500	755,288	19,094,031
Kansas	1,047,375			1,047,375
Montana	20,524,383	217,321	278,400	21,020,104
Nebraska	2,248,759			2,248,759
Nevada	15,193,225	160,240	5,734,879	21,088,344
New Mexico	14,009,779	110,508	105,722	14,226,009
North Dakota	12,293,135		164	12,293,299
Oklahoma	6,460,241			6,460,241
Oregon	67,064,153	5,546,435	8,994,434	81,605,022
South Dakota	8,057,898	7,223	15,283	8,080,404
Utah	9,563,908	37,739	50,962	9,652,609
Washington	11,682,944	257,135	10,837	11,950,916
Wyoming	12,557,518	174,786	266,315	12,998,619
Total	267,158,453	8,967,157	16,839,695	292,965,305

Note.—The Act of June 17, 1902 (32 Stat. 338) required payments from receipts beginning with those earned during fiscal year 1901.

GLOSSARY

Access roads:

Mainline roads constructed primarily to facilitate the removal of timber from forest areas and financed by appropriated funds.

Acquired lands:

Lands in Federal ownership which are not public lands. Acquired lands were obtained by the Government through purchase, condemnation, or gift or by exchange for such purchased, condemned, or donated lands or for timber on such lands.

Adjudication:

The interpretation of statutes and regulations and their application to a particular set of facts in the processing of applications, entries, claims, etc.

Allocation of receipts:

Determination of moneys paid, or to be paid, to other funds, counties, or States out of receipts collected during the fiscal year reported, as required and/or specified by law.

Allowable cut:

The volume of timber that may be harvested annually from a well-managed and regulated forest property.

Animal unit:

A standardized unit of measurement for range livestock which is equivalent to one cow = one horse = five sheep = five goats = four reindeer all over 6 months of age.

Animal unit month (AUM):

A standardized unit of measurement of the amount of forage necessary for the complete sustenance of one animal unit for a period of 1 month; also a unit of measurement of grazing privileges which represents the privilege of grazing one animal unit for a period of one month.

Appeal:

The regulations governing the operations of the Bureau of Land Management give all parties adversely affected by a decision of an officer of the Bureau or of an examiner the right to appeal to the Board of Land Appeals (43 CFR 1840).

Archaeological and historical site:

A site which contains objects of antiquity or cultural values relating to history that warrant special protection.

Bonus:

The cash consideration paid to the United States by the successful bidder for a mineral lease, such payment being made in addition to the rent and royalty obligations specified in the lease.

CFR:

Code of Federal Regulations.

Cadastral survey:

A survey relating to lands boundaries and subdivisions, made to create units suitable for management or to define the limits of title. The distinguishing features of the cadastral surveys are the establishment of monuments on the ground to define the boundaries of the land and their identification in the records by field notes and plats.

Carey Acts:

The acts of August 18, 1894 (28 Stat. 372), and March 15, 1910 (36 Stat. 237; 43 U.S.C. Sec. 643), which provide for grants of desert lands to States for disposition to bona fide settlers.

Ceded Indian lands:

Public lands, Indian tribal title to which was relinquished to the United States by the Indians on condition that part or all of the proceeds from their sale or other disposition would be covered into the Treasury in trust for the Indians.

Certification:

The act of final approval of a State selection by the Director; also, the document which passes title to the selected lands to the State; also, a document which attests to the truth or authenticity of papers attached to it.

Color-of-title:

If a claim to public lands is based upon a written instrument which contains defective evidence of title the claimant is said to have *color-of-title*.

Color-of-Title Act:

The Act of December 22, 1928 (43 U.S.C. Sec. 1068), as amended. Under the terms and provisions of this act, a patent may be issued for a parcel of not more than 160 acres of public lands. The parcel must have been possessed in good faith by a claimant, his ancestors, or grantors for a period of more than 20 years.

Color-of-title entry:

A cash entry made by an applicant relying on erroneous evidence of title.

Commercial forest land:

Lands growing stands of forest trees which possess present or potential merchantable value.

Competitive leasing:

Leases are issued by the United States where there are known minerals, or where inference of probable mineralization shown can be drawn from knowledge of the geology of the land. The lands are offered for lease by competitive bidding after publication of the offer of the lands for leasing. The lease issues to the highest bidder, who is determined at a sale by public auction. (See also *noncompetitive leasing*.)

Contact fire protection:

Fire protection given lands owned, leased, or controlled by the United States and administered by the Bureau of Land Management on which complete fire protection is extended through the use of fire protection forces and facilities supervised and operated by the Bureau.

Crossing permit:

An authorization issued for trailing livestock across Federal range for proper and lawful purposes.

DBH:

Diameter (of tree) at breast height.

Decision:

A decision is the reduction to writing of the adjudicative process. A decision orders the disposition of a case in a certain way and contains a statement of facts, laws, and reasoning which require that disposition.

Disposition:

A transaction which leads to the transfer of title of public lands, and/or resources upon or in these lands, from the Federal Government.

Entry:

An application to acquire title to public lands.

Entry, allowed:

An application to acquire title to public lands which has been approved, either as an original entry or a final entry.

Entry, cash:

A final entry where the applicant pays cash or its equivalent.

Entry, commuted:

A final entry where the applicant pays the statutory price for the lands in consideration for reduction of residence and improvement requirements.

Entry, final:

An allowed entry where the applicant has complied with all the requirements of law and regulations.

Entry, original:

An allowed entry where the applicant is permitted to proceed with earning title to the land.

Entry, unperfected:

An original entry has been allowed, but the applicant has not met all of the requirements of the law and/or regulations to permit making final entry for patent.

Entry, Pittman Act:

An entry of public lands in Nevada made by an individual or association of individuals who earned the right to acquire title to the lands through discovery of underground sources of water.

Exchange:

A transaction whereby the Federal Government receives land in exchange for other land and/or timber.

Exchange, private:

An exchange between the Federal Government and any landowner other than a State.

Exchange, State:

An exchange between the Federal Government and State.

Exchange, Taylor Act:

An exchange which is consummated under the provisions of Section 8 of the Taylor Grazing Act.

Family unit:

An installation with camping, picnicking, or trailer facilities to serve the needs of one family-sized group.

Federal land:

All classes of land owned by the Federal Government.

Field examinations:

An on-the-ground investigation of certain public lands with regard to valuation, land use, application for entry mineralization, etc.

Fire presuppression:

Fire control activities related to the organization, training, instruction, and management of the fire control improvements, equipment, and supplies to insure effective suppression.

Fire suppression:

Fire control activities concerned with controlling and extinguishing a fire, starting at the time of the fire is discovered.

Force account fire protection:

Fire protection given lands owned, leased, or controlled by the United States and administered by the Bureau of Land Management on which complete fire protection is extended through the use of fire protection forces and facilities supervised and operated by the Bureau.

Forest cover:

All trees and other woody plants in the forest.

Free-use license:

An authorization issued only for livestock kept for domestic purposes whose products are consumed or whose work is directly and exclusively used by the family of the applicant, provided further that such free-use livestock will be grazed in the immediate vicinity of the applicant's place of residence. No grazing fee is charged for this authorization.

Free-use permit:

A permit to a governmental agency or nonprofit group to use mineral materials or other resources at no charge.

Geological Survey receipts:

Receipts collected by the Geological Survey in the U.S. Department of the Interior for mineral and petroleum rentals and royalties paid under the terms of leases, licenses, and permits initially issued by the Bureau of Land Management. These receipts are subsequently deposited with the Bureau by the Geological Survey.

Grazing districts:

An administrative subdivision of the rangelands under jurisdiction of the Bureau of Land Management, established pursuant to Section 1 of the Taylor Grazing Act, to facilitate management of their resources.

Grazing-fee year:

March 1 of the same calendar year to the last day of the following February.

Grazing permit:

An authorization which permits the grazing of the specified number and class of livestock on a designated area of grazing district lands during specified seasons each year.

Grazing lease:

An authorization which permits the grazing of livestock on public lands outside the grazing districts during a specified period of time (Section 15 of the Taylor Grazing Act).

Grazing lease lands:

Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management, and which are subject to leasing for grazing purposes under the Alaska Grazing Law of 1927, the Taylor Grazing Act of 1934, the O&C Act of 1937, or the Reindeer Act of 1937.

Hearing:

Hearings in cases the adjudication of which is based on testimony and evidence adduced at proceedings ordered and held pursuant to the U.S. Department of Interior's Hearing Procedures (43 CFR 1850).

Homestead entry, original:

An original entry under the homestead laws; also, the first homestead entry which was made by an individual; also, a homestead entry which was made pursuant to the first homestead law, the Act of May 20, 1862 (12 Stat. 392) as codified in Sec. 2289 of the Revised Statutes.

Indian allotment:

An allocation of a parcel of public lands or Indian reservation lands to an Indian for his individual use; also, the lands so allocated.

Inland water area:

Includes permanent inland water surface, such as lakes, ponds, and reservoirs having 40 acres or more of the area; streams, sloughs, estuaries, and canals 1/8 of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands, or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area.

Investigation:

A fact-finding activity, which may include on-the-ground examination of lands, undertaken preliminary to determination and adjudication under the public land laws.

Isolated tract:

A parcel of vacant public lands, not exceeding 1,520 acres, which is surrounded by appropriated lands.

LPG:

Liquid Petroleum Gas.

LU project lands:

Title III of the Bankhead-Jones Farm Tenant Act Of July 22, 1937, authorized purchase of privately owned submarginal farmlands incapable of producing sufficient income to support the family of each farm owner. These acquired lands became known "Land Utilization Projects," and were subsequently transferred from jurisdiction of the U.S. Department of agriculture to the U.S. Department of Interior and now administered by the Bureau of Land Management.

Land Area:

Includes dry land and land temporarily or partially covered by water, such as marsh lands, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than 1/8 of a statute mile in width; and lakes, reservoirs, and ponds having less than 40 acres of water-surface area.

Lease:

A contact or instrument by which interests are created or transferred to another subject to specified obligations and given in consideration of rent or some other recompense. (See also *competitive leasing* and *noncompetitive leasing*.)

License:

An authority granted by the United States to do a particular act or series of acts upon public lands without the lease possessing any estate or interest in the land itself.

Locatable minerals:

Whatever are recognized as minerals by the standard authorities, whether metallic or other substance, when found in public lands in quantity and quality sufficient to render the lands valuable on account thereof.

MBF:

Thousand board feet. The board foot is a unit of lumber measurement 1 foot long, 1 foot wide, and 1 inch thick, or its equivalent. It is the standard unit of measurement in the logging and lumber industry by which standing timber is measured and sold, and manufactured lumber is merchandised.

MCF:

Thousand cubic feet.

MMBF:

Million board feet (See *MBF*).

Master unit:

A sustained timber yield operating area of which an allowable cut has been computed.

Meander line:

A traverse of the margin of a permanent natural body of water, defining the sinuosities of bank or shoreline, in connection with a cadastral survey.

Mineral:

Inorganic substances occurring naturally, with characteristics and economic uses that bring it within the purview of mineral laws; a substance that may be obtained under applicable laws from public lands by purchase, lease, or preemptive entry.

Mineral classification:

The classification of lands known to contain specified valuable minerals as mineral lands.

Minerals, hardrock:

Minerals other than oil and gas, coal, potassium, sodium, phosphate, oil shale, sulfur, asphalt, Outer Continental Shelf minerals, and mineral materials.

Mineral investigation:

An on-the-ground investigation of certain public lands with regard to valuation, land use, application for entry mineralization, etc.

Mineral materials:

Minerals such as common varieties of sand, stone, gravel, pumice, pumicite, and clay which are not obtainable under the mining or leasing law but which can be obtained under the Materials Act of 1947, as amended.

Mineral permit:

A permit which authorizes prospecting for certain leasable minerals on public lands described in the permit.

Mineral reservations:

A restriction on federally owned minerals, or of public lands which contain minerals.

National Forest:

A designated area of reserved Federal lands, set aside for timber, watershed, or a variety of purposes determined by the natural resource values involved and administered and managed by the Forest Service, U.S. Department of Agriculture.

Noncompetitive Leasing:

Leases are issued to qualified applicants for lands not specifically known or presumed to contain mineral or petroleum deposits in quantity.

Nonoperating revenue:

Receipts of a miscellaneous nature, such as incidental receipts from taxes, fines, etc., which are not related specifically to or received in the process of conducting normal and regular business of the Bureau of Land Management as it pertains to the management of public lands and resources.

Nonuse:

An authorization issued to an applicant for nonuse of grazing privileges in whole or part and usually for one grazing season.

O&C lands:

Public lands in Western Oregon which were granted to the Oregon Central railroad companies (later the Oregon & California Railroad Company) to aid in the construction of railroads, but which were later forfeited and returned to the Federal Government by revestment of title. The term "O&C" lands as often used includes reference also to the reconveyed Coos Bay Military Wagon Road lands, which are public lands in Western Oregon that were once granted to the State of Oregon to aid in the construction of the Coos Bay Military Wagon Road, but were later forfeited and returned to Federal ownership by reconveyance.

Obligations:

Payments, and amounts which the Government is obligated to pay, for goods and services received or contracted for future delivery made from appropriations during the fiscal year indicated.

Off-road vehicle:

Any vehicle capable of, or designed for, travel on or immediately over land, water, or other natural terrain, deriving motive power from any source other than muscle. The term excludes: (1) any nonamphibious registered motorboat; (2) any fire, emergency, or law enforcement vehicle while being used for official or emergency purposes; (3) any vehicle whose use is expressly authorized by a permit, lease, license, agreement, or contract issued by the authorized officer or otherwise approved.

Operator:

An individual, group, association, or corporation authorized to conduct livestock grazing on public lands.

Original survey:

A cadastral survey which creates land boundaries and establishes them for the first time.

Patent:

A Government deed. A document that conveys legal title of public lands to the patentee.

Pierce Act:

Act of June 23, 1938, authorizes the Secretary of Interior to lease lands valuable for grazing purposes to aid in conserving forage resources of lands within a grazing district.

Producing capacity:

The amount of wood fiber which forest land is capable of growing.

Protraction diagram:

A diagram representing the plan of extension of the cadastral surveys over unsurveyed public lands, based upon computed values for the corner positions.

Public auction:

A sale of land through competitive, usually oral, bidding.

Public Law 167:

(The Act of July 23, 1955, 69 Stat. 367.) Provides for multiple use of mining claims, and for a procedure where the Government may determine that it has the right to manage surface resources not required for mining purposes.

Public Law 359:

(The Act of Aug. 11, 1955, 69 Stat. 681.) Provides for the location of mining claims on lands reserved or withdrawn for power or powersite purposes.

Public Law 585:

(The Act of Aug. 13, 1954, 68 Stat. 708, as amended by the Act of Aug. 11, 1955, 69 Stat. 679.) Provides for multiple mineral development of the same tracts of public lands, and directs that where postings or amended notices of locations have been filed (as allowed by the Act of Aug. 12, 1953, 67 Stat. 539) the owner is to make a supplemental filing or posting to obtain the benefits of this act.

Public land or public domain lands:

Original public domain lands which have never left Federal ownership; also, lands in Federal ownership which were obtained by the Government in exchange for public lands or for timber on public lands.

Public purpose:

All authorized activity undertaken by a government agency or unit; also, any activity which serves the interest of the general public consistent with public policy.

Receipts:

All money received and credited to the proper account as required by law. Does not include collections held by the U.S. Treasury pending future determination of disposition by the Bureau of Land Management.

Reclamation homestead entry:

An entry initiated under the Act of June 17, 1902 (32 Stat. 338; 43 U.S.C., sec 43 et seq.), which provides for the issuance of patents to applicants who settle upon and improve agricultural public lands, not exceeding 160 acres in size, within reclamation projects.

Reclamation sale:

Sale of excess or nonirrigable public lands within reclamation projects.

Recreation lands:

A tract of public lands (usually several thousand acres in size) on which outdoor recreation or wildlife has been determined to be the primary use. Recreation lands may have facilities for intensive recreation use or they may remain in a relatively undeveloped condition for extensive forms of use. Where wilderness values predominate, an area may be preserved in a primitive, roadless condition.

Recreation visitor day:

An aggregation of 12 visitor hours, where a visitor hour is the presence of one or more persons on land and waters for outdoor recreation purposes for continuous, intermittent, or simultaneous periods aggregating 60 minutes, e.g., one person for one hour, two persons for one-half hour each, or N persons for $1-N$ hours each.

Recreational entry:

A cash entry for public lands by a State, county, municipality, or other local governmental agency, or by a nonprofit organization, which are to be used for recreational purposes.

Rental:

The amount paid periodically (usually annually) by the holder of a lease in payment for the right to use of the land or resources for the purposes set out in the lease.

Reservation:

A withdrawal, usually of a permanent nature; also, any Federal lands which have been dedicated to a specific public purpose.

Reserved land:

Federal lands which are dedicated or set aside for a specific public purpose or program and which are, therefore, generally not subject to disposition under the operation of all the public land laws.

Restoration:

An action, concurrent with or following a revocation, which affects the opening to disposition of public lands in a withdrawal; also, in respect to ceded Indian lands, an action which returns lands to tribal ownership.

Resurvey:

A cadastral survey to identify and re-mark the boundaries of lands which were established by a prior survey.

Revocation:

Generally, an action which cancels a previous official act; specifically, an action which cancels a withdrawal.

Right-of-way:

A permit or an easement which authorizes the use of lands for certain specified purposes, such as the construction of forest access roads.

Sale of Materials:

A competitive or noncompetitive sale by contract at not less than the appraised price of materials (timber and mineral material) under the Materials Act of 1947, as amended.

Sawtimber:

A timbered area designated for sale on which bidding is limited to small business concerns as defined by the Small Business Act of July 18, 1958.

Set-aside sales:

A timbered area designated for sale on which bidding is limited to small business concerns as defined by the Small Business Administration in its regulations under the authority of Section 15 of the Small Business Act of July 18, 1958.

Small tract:

A parcel of public lands of 5 acres or less which has been found chiefly valuable for sale or lease as a home, recreation, business, or community site under the Act of June 1, 1938 (53 Stat. 609; 43 U.S.C. 682 a-c), as amended.

Special survey:

A cadastral survey other than an original survey or resurvey. This category includes such work as small tract surveys; townsite surveys; island and omitted land surveys; homestead, homesite, trade and manufacturing site surveys; also the survey and resurvey of section lines and connecting lines not involving a closed traverse.

Special land use permit:

A permit which authorizes the use of public land for purpose not specifically authorized or forbidden by law.

Sustained yield:

Management of the forest to assure continuous production with the aim of achieving, at the earliest possible time, an approximate balance between growth and harvest, by either annual or somewhat longer periods.

Transferred funds:

Appropriated funds which have been made available to the Bureau of Land Management from appropriations originally made to other bureaus and agencies.

Trespass:

An unauthorized use of Federal lands and/or resources.

U.S.C.:

United States Code.

Unlawful enclosures or occupancy:

Enclosures of public lands made or maintained by any party, association, or corporation without valid claim.

Vacant public lands:

Public land or public land which is not reserved, appropriated, or set aside for a specific or designated purposes.

Wild free-roaming horses and burros:

All unbranded and unclaimed horses and burros on national resource lands managed under the Wild Free-Roaming Horses and Burros Act (Public Law 92-185, Dec. 15, 1971, 85 Stat. 649-651).

Withdrawal:

An action which restricts the disposition of public lands and which holds them for specific public purposes; also, public lands which have been dedicated to public purposes.

Woodland:

Forest lands usually supporting open-grown, widely scattered trees of marginal merchantability, and generally more valuable for watershed or wildlife protection purposes than for the production of timber for commercial purposes.

INDEX

Accepted surveys	Table 101	Defense, Departments of	Table 8, 9
Acquired lands:		Desert land:	
adjudicated operations on	103-108	adjudication operations	103-108
area of	7, 9	entries	13, 14, 16, 23, 28
Federal ownership of	7, 9	grants	3
mineral leases and permits on	78	sales	3
mineral production from, volume of	75	District, Western Oregon	36, 41
receipts from	116, 118	Education land, grants to States for	3, 4
Acquisition of the original public domain,		Enclosure, unlawful	97, 99
area and cost of	2	Energy, Department of	8, 9
Adjudication operations	84, 103-108	Energy, Research and Development	
Administrative districts, O&C	36, 41	Administration	8, 9
Administrative sites	27	Engineers, Corps of	8, 9
Agriculture, Department of	8, 9	Enlarged homesteads	22, 24
Air navigation sites	27	Entries (see also name of entry and	
Airport leases and permits	33	Homesteads):	
Alaska Native Claims Settlement Act	10, 23	adjudication of	103, 108
Alaska purchase, area and cost of	2	field investigation of	88
Allocations of receipts, legal	123	final	12, 14, 16, 21, 28
Allotments, Indian	14, 23, 24	final homestead	14, 16, 20, 21
Appeals from Bureau of Land Management		original	12, 13, 16, 19, 28-30
decisions	109	original homestead	13, 16, 19, 29
Appropriations	111	patented	15, 16, 22
Area of original public domain	2	unperfected	10, 23, 24
Area surveyed and unsurveyed	100	Examinations, field	88-90
Area of States and possessions	1	Exchanges:	
Army, Department of the	8, 9	adjudication of	103-108
AUM (animal unit month)	58, 59, 62, 67, 68	Federal Land Policy and Management	
Buildings, grants for public	4	Act	26
Burros, wild free-roaming	65, 66	field investigations of	87, 88
Cadastral surveys	101	land classification,	
Campsites	33, 49-51	reports on	88, 89, 103, 108
Canals, grants for	3, 4	National Forest	26
Cash entries, miscellaneous	13, 14	patented	15, 26
Cash receipts	113-118	private	23, 24
Ceded Indian lands	23, 24	State	26
Census, Bureau of the	1	Federally owned lands	7-9
Certificates, final	12, 14, 16, 20, 21, 28	Fees and commissions	13, 14, 29, 112-114
Certifications	5, 16	Fencing	69-72
Claims, mining	25, 84-86	Field investigations	87, 88
Classifications:		Field surveys	100, 101
color-of-title	14, 15	Final certificates	12, 14, 16, 20, 21, 28
land	87-90	Final entries	12, 14, 16, 20, 21, 28
recreational	87-90	Fire:	
small tract	87-90	losses	91-96
State selections	87-90	protection	91-96
Classification operations, field	84, 87-90	trespass	8, 9
Coal:		Fish and Wildlife Service	8, 9
leases, licenses, and permits	73, 79-81	Fish, commercial, pounds spawned or	
production, volume of	74, 75	produced and harvested	53
receipts	80, 114-118	Fishing streams, lakes, and reservoirs,	
reservation in patents	17, 18	miles or acres of	52
Coast Guard	8, 9	Five-acre tracts	31
Collections, Geological Survey	114	Five-percent funds	121, 122
Collections, trespass	99	Forest exchanges	26
Color-of-title entries	14, 15	Forest fire protection	91-96
Commerce, Department of	8, 9	Forest Service	8, 9, 27, 84, 86, 96, 101
Commissions, fees and	13, 14, 29, 112-114	Forestry (see also Oregon and California,	
Competitive leases	80, 88	Railroad, and Timber):	
Compliance investigations	83	area of commercial public forest land ..	34
Construction:		area of woodlands	34
expenditures	111	free use of timber granted	41-44
private projects	71	land rehabilitation and reforestation ...	47
range improvements	70	nontimber forest products	
soil and moisture conservation	69	dipositions	43, 45, 46
Controverted lands, O&C	35	producing capacity of public forest ...	34
Coos Bay Wagon Road grant lands (see		receipts from sale of forest products ...	112, 113
Oregon and California Railroad)		Free-use permits:	
Corps of Engineers	8, 9	grazing	61-63
Counties, payments to	121, 126	timber	43, 44
Crossing permits	60	other	82
Curative patents	15		

	<i>Table</i>
Funds, payments to	121, 123
Gadsden purchase, area and cost of	2
Game, big animals	54, 55, 68
Gas (see Oil and gas)	
General fund, payments to	121
Geological Survey	8, 9, 73-79, 114
Government property, sales of	112, 113
Grants (see also Selections):	
canal and river improvement	3, 4
military bounty	3
railroad	3, 4, 6
State	3-5, 15
wagon road	3, 4
other	3, 4, 15
Grazing districts:	
animal-unit-months of permitted use	58, 59, 62
area	57
big game	55, 67
hearings	110
leases	113
livestock, permitted number of	59, 61, 63
operators, permitted number of	59
payments to States for receipts	119, 120, 124, 125
Pierce Act	57
range improvements	70-72
private	71
receipts	113
soil and watershed conservation	69
surveys in	100
Taylor Grazing Act	63, 113, 121, 125
trespass	97-99
Habitat improvements, wildlife	56
Headquarters sites	13, 14, 15
Hearings	110
Homesites	14, 15
Homesteads (see also Entries):	
adjudication of	103-108
area granted or sold	3
enlarged	22, 24
field investigations of	88, 89
land classifications, reports on	88, 89
reclamations	16, 19, 22-24
Section 2289, Revised Statutes	19, 21, 22, 24
stockraising	29
unperfected	23, 24
Horses, wild free-roaming	65, 66
Indemnity school land selections	5
Indian:	
allotments (see also Native allotments)	88
lands:	
ceded	24
entries on	14, 16, 24
proceeds from patents	118, 121
receipts from Red River oil lands	118
selections	14, 16
trust funds, payments to	118, 121
Inland water	1, 2
Institutions, grants for States	4, 5, 15
Internal improvements, grants for	4, 5, 15
Investigations, field	87, 88
Island possessions, area of	1
Land:	
area of States and Possessions	1
classification (see also Classification):	
field investigations	87, 88
small tracts	87, 88
ownership, Federal	7-9
rent	113
title cases, operations	103-108
use permits, special	32
utilization projects	10, 58, 121

	<i>Table</i>
Leases:	
adjudications of	103-108
airport	33
campsite	33
competitive, mineral	80
grazing	63, 64, 67, 113, 119-121
medicine and mineral springs	33
mineral (see also name of mineral)	78-81
noncompetitive, mineral	81
Outer Continental Shelf	76
public works	33
recreational	33, 48
rights-of-way	88
small tract	31
water well	33
Legislation, withdrawals in aid of	27
Licenses, mineral (see also Mineral Leasing Act)	73, 78
Lieu selections	89
Lighthouse sites	27
Livestock, permitted on grazing lands	59, 61, 67
Louisiana Purchase, area and cost of	2
Master units, Western Oregon	36
Medicine and mineral springs leases	33
Mexican session, area and cost of	2
Military:	
bounties, grants for	3
leases	78
purposes, land-use withdrawals for	27
wagon-road grants	3, 4
Millisite patents	15
Mineral (see also name of mineral):	
adjudication operations	103-108
applications	13, 84, 103-108
bonuses	80
entries	13, 14, 16
field investigations	87, 88
leases, licenses, and permits (see also Mineral Leasing Act)	73, 76, 78-81
locations, under Public Laws 167 and 359	86
patents	15, 16, 83
production, volume of	74-77
receipts	112-118, 120, 121, 123
reservations on patented lands	17, 29
trespass	97
Mineral Leasing Act (see also M112, 113, 117, 118, 120, 123 payments to States	120, 123
receipts	112, 113, 117, 118
Mining Claim	13-15
recording of	85
National Forest:	
administrative sites	27
exchange	26
surveys	101
withdrawals	27
Native allotments (see also Indian allotments)	13-15, 23
National Park Service	8, 9
Natural gas (see Oil and gas)	
Noncompetitive leases	81
O&C (see Oregon and California Railroad)	
Obligations, payment	111
Occupancy trespass	97, 99
Oil and gas:	
adjudication operations	103-108
leases	76, 78-81
production, volume of	74-77
receipts	114-116
reservations in patents	17, 18, 29
Oregon and California Railroad and Coos Bay Wagon Road grand land: administrative districts	36, 41

	<i>Table</i>		<i>Table</i>
allowable cut	36	Railroad grants	3, 4, 15
area	35, 36	Range development	69-72
controversial lands	35	Range improvement fund	111, 121
cover types	36	Receipts:	
districts	36, 41	allocations of (legal)	121
fire protection and losses	91-96	cash	111-117
forest products (nontimber)	45	coal	114-118
Land rehabilitation (Oregon)	47	Geological Survey	114
master units	36, 41	grazing districts	112, 113, 121, 124, 125
payments to counties	119, 121, 126	mineral	113-118
potential cut	36	Mineral Leasing Act	116, 117
receipts	113, 119, 121	nonoperating revenue	112
special land use permits	32	oil and gas	80, 113-118
sustained yield	36	O&C and Coos Bay Wagon Road	
timber:		grant lands	113, 119, 120
cut, allowable	36	Outer Continental Shelf	112-114, 118, 119, 121
permits	43	payments to funds from	119, 121, 126
sales	38, 41	phosphate	114, 115, 117
values	37-46	potash	114, 115
Oregon compromise, area and cost of	2	public auction sales	14
Original:		Red River oil lands (Indian)	121
entries	12, 13	sale of:	
homestead entries	13	forest products	112, 113
public domain, area and cost of	2	Indian lands	112
selections	12, 13, 16	miscellaneous resources	112, 119
surveys	101	silica sand	118
Outdoor recreation:		sodium	114, 115
facilities	49	Taylor Grazing Act	113
fishing streams	52	Reclamations:	
game species	54, 55	exchanges	26
leases	33, 48	funds, payments to	119, 121, 127
sites	49	homesteads	13-16, 19, 21, 22, 23
visitor days	51	land sales	14, 15, 126
water retaining structures	52	withdrawals	27
Outer Continental Shelf:		Red River Basin (of the North),	
leases	76, 103-108, 113, 114	acquisition of	2
production	76	Reseeding	69-72
Patents	15-18, 22, 83	Reservations (see Withdrawals)	
Payments to States and Counties	120, 122-126	Reservations on patented lands,	
Penalties	99	mineral	17, 18, 29
Permits:		Reservoir sites	27
adjudication of	103-108	Resources, miscellaneous, lease, or sale	
crossing	60	of	82
field investigations of	88	Restorations (see Withdrawals)	
free-use	43, 44, 82	Resurveys	101
grazing districts	59, 60	Rights-of-way	97, 103-108, 113, 119
mineral	73, 78	River improvements grants	2, 4
O&C timber	43, 45	Sale of forest products	112, 113
special land use	73	Sales:	
Petroleum (see Oil and gas)		Indian lands, proceeds from	118, 121
Phosphate:		miscellaneous resources	82
leases	79	public auction	14, 15, 103-108
production, volume of	74	public lands, proceeds from:	
receipts	114, 115, 117	receipts	112, 113, 118-121
reservations in patents	17	payments to funds	119, 121, 127
reserves	27	payments to States and Counties	120-126
Pierce Act leases	57, 121	Sand, silica (see Silica sand)	
Possessions, land and inland water,		School land indemnity	5
area of	1	School lands	4, 5
Potash:		Schools, grants for	4, 5
leases and permits	73, 79	Sections 2289, Revised Statutes,	
production, volume of	74	homesteads	14, 16, 19, 21, 22, 24
receipts	114, 115	Seeding	69-72
Potassium	82	Selections (see also Grants)	
Power site classifications, designations		adjudication of	103-108
and reserves	27	investigation of	87, 88
Private:		indemnity, school land	4, 5
contributions	71	lieu (see State)	
land claims	3, 15	original	12, 13
Public:		State	14-16, 89
auction sales	14, 15, 103-108	Silica sand:	
buildings, grants for	4	leases	74
domain original, areas and cost of	2	production, volume of	75
land sales (see Sales)		receipts	118
		Small tracts:	
		adjudication operations	103-108

classifications	<i>Table</i>	trespass	<i>Table</i>
homesites	88, 90	Timber and stone entries, sales, etc	97-99
leases	14, 15	Townlots	3
sales	31	Townsites	14, 15
Sodium:	14, 15	Trade and manufacturing sites	14, 15
leases and permits	73, 79	Transferred lands	10
production, volume of	74	Trespass	97-99
receipts	79, 114, 115	Unlawful enclosures	97
Soil and watershed conservation	69	Unperfected entries	10, 23, 24
Soil stabilization and improvement	72	Unsurveyed public lands	100
Spanish cessions, area and cost of	2	Uranium leases	79
Special land use permits	32	Vacant public lands	10, 57
State:		Wagon road grants	3, 4
desert lands	3, 28	Water:	
exchanges	26	area, States and Possessions	1
grants	3-5, 15	management	70-73
selections	5, 13-16	reserves	27
States, area of	1	trespass	99
States, payment to	121-127	well leases	33
Stockraising act	29	Watershed lands	27, 34, 37
Stockraising homesteads	29	Weed control projects	69-72
Supplemental patents	15	Wild free-roaming horses and burros	65, 66
Surveyed public lands	100	Wildlife:	
Surveys:		big game	54, 55, 68
accepted	101	habitat improvements	56
cadastral	101	refuges	27
field	101	waterfowl habitats	54
Swampland grants and selections	3-5	Withdrawals and revocations:	
Taylor Grazing Act:		adjudication operations	103-108
grazing districts	57	administrative sites	27
grazing leases	64	air navigation sites	27
land classifications	89	defense withdrawals	27
payments to States	124, 125	field investigations	89
range improvements	70	grazing districts	10
receipts	113	legislation, classification, and	
soil and watershed conservations	69	withdrawals in aid of	27
Texas, purchase from	2	lighthouse	27
Timber:		National Forests	10, 27
area	34	power sites	27
cut, allowable	36	reclamation withdrawals	27
cut, potential	34	wildlife refuges	27
free-use permits	43, 44	other	27
producing capacity	34	Woodlands (see Timber)	
sales:			
Alaska	37, 40, 42, 43		
Western Oregon	36, 38, 40, 41, 45, 47		
other	37, 39, 42, 43, 46		