

1977

PUBLIC
LAND
STATISTICS

1977



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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. (Less than 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 762 million acres, or about one-third of the gross area (table 7).

The Bureau of Land Management has exclusive responsibilities for about 60 percent, or 427 million acres, of Federally-owned lands (table 10). More than 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 Bureau of Reclamation. 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	
	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	36,025,600
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

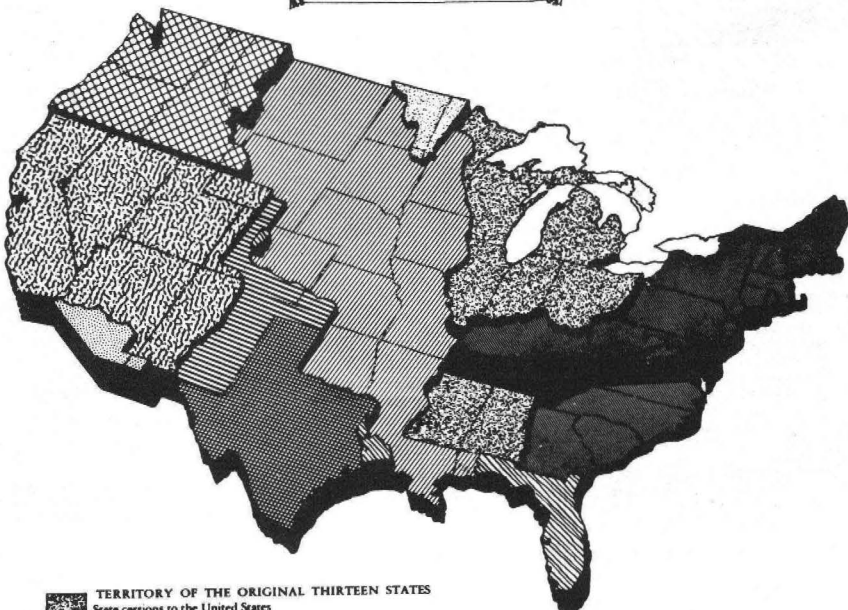
¹Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more area; streams, sloughs, estuaries, and canals $\frac{1}{2}$ of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated 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.

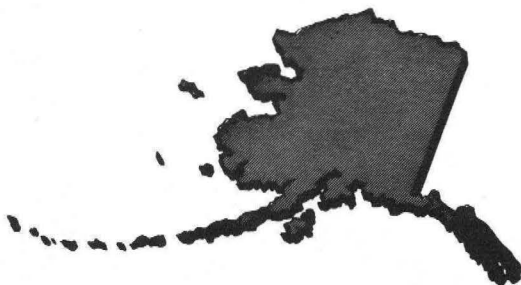
ACQUISITIONS



- 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 4.—Grants to States, 1803-1977

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					500,000	2,193,967	400,768	8,825,108
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	d		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

TABLE 4.—Grants to States, 1803–1977 (Continued)

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
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	4,342,520
Total	77,629,220	16,707,787	4,993,275	37,128,531	3,359,188	6,102,749	7,806,555	64,917,965	109,780,866	328,426,136

TABLE 5.—Grant lands confirmed to States, 1977

State	School land indemnity	Swamp grants	Other grants	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Alaska .....	.....	.....	¹ 914,057.27	914,057.27
Louisiana .....	.....	1.00	.....	1.00
Utah	36.00	.....	² 9,642.00	9,678.00
Total	36.00	1.00	923,699.27	923,736.27

¹9 Grants under the Act of July 7, 1958, general purposes.

²Includes 2 Confirmatory Patents, Act of July 16, 1894, 9,629 acres and 1 University Grant, Act of February 21, 1855, 13 acres.

TABLE 6.—Grants to railroads, 1850–1977

State	Acres
Arizona	7,790,128.85
Arkansas	23,249.94
California	11,627,729.69
Colorado	3,757,673.39
Idaho	1,321,750.67
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	94,398,767.11

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 as of September 30, 1977

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	1,099,489.3	1,129,011.9	31,549,388.1	32,678,400	3.455
Alaska	330,828,567.2	18,314.0	330,846,881.2	34,634,718.8	365,481,600	90.524
Arizona	31,795,266.2	322,375.0	32,117,641.2	40,570,358.8	72,688,000	44.186
Arkansas	1,072,981.6	2,250,984.7	3,323,966.3	30,275,393.7	33,599,360	9.893
California	43,761,437.6	2,465,872.7	46,227,310.3	53,979,409.7	100,206,720	46.132
Colorado	22,554,825.8	1,094,331.2	23,649,157.0	42,836,603.0	66,485,760	35.570
Connecticut	0	9,421.2	9,421.2	3,125,938.8	3,135,360	.301
Delaware	0	40,785.3	40,785.3	1,225,134.7	1,265,920	3.222
District of Columbia	0	12,502.4	12,502.4	26,537.6	39,040	32.025
Florida	370,496.2	3,241,468.9	3,611,965.1	31,109,314.9	34,721,280	10.403
Georgia	0	2,230,975.6	2,230,975.6	35,064,384.4	37,295,360	5.982
Hawaii	37,519.2	370,385.1	407,904.3	3,697,695.7	4,105,600	9.935
Idaho	32,912,456.7	809,861.4	33,722,318.1	19,210,801.9	52,933,120	63.707
Illinois	437.2	564,809.8	565,247.0	35,229,953.0	35,795,200	1.579
Indiana	24,035.2	470,117.1	494,152.3	22,664,247.7	23,158,400	2.134
Iowa	340.8	224,324.6	224,665.4	35,635,814.6	35,860,480	6.287
Kansas	26,429.2	701,734.3	728,163.5	51,782,556.5	52,510,720	1.387
Kentucky	0	1,388,731.5	1,388,731.5	24,123,588.5	25,512,320	5.443
Louisiana	25,185.4	1,049,716.2	1,074,901.6	27,792,938.4	28,867,840	3.724
Maine	0	134,132.3	134,132.3	19,713,547.7	19,847,680	.676
Maryland	0	205,629.0	205,629.0	6,113,731.0	6,319,360	3.254
Massachusetts	0	83,209.5	83,209.5	4,951,670.5	5,034,880	1.653
Michigan	296,496.1	3,139,258.1	3,435,754.2	33,056,405.8	36,492,160	9.415
Minnesota	1,166,046.7	2,236,632.3	3,402,679.0	47,803,081.0	51,205,760	6.645
Mississippi	2,454.1	1,678,057.3	1,680,511.4	28,542,208.6	30,222,720	5.560
Missouri	2,647.3	2,179,158.9	2,181,806.2	42,066,513.8	44,248,320	4.931
Montana	25,225,407.2	2,402,201.2	27,627,608.4	65,643,431.6	93,271,040	29.621
Nebraska	249,347.3	450,500.5	699,847.8	48,331,832.2	49,031,680	1.427
Nevada	61,357,030.6	203,541.6	61,560,572.2	8,703,747.8	70,264,320	87.613
New Hampshire	0	710,878.4	710,878.4	5,058,081.6	5,768,960	12.323
New Jersey	0	130,779.0	130,779.0	4,682,661.0	4,813,440	2.717
New Mexico	24,187,343.2	1,850,613.1	26,037,956.3	51,728,443.7	77,766,400	33.482
New York	0	246,780.0	246,780.0	30,434,180.0	30,680,960	.804
North Carolina	0	2,033,897.2	2,033,897.2	29,368,982.8	31,402,880	6.477
North Dakota	208,809.3	2,165,054.0	2,373,863.3	42,078,616.7	44,452,480	5.340
Ohio	232.6	340,601.1	340,833.7	25,881,246.3	26,222,080	1.300
Oklahoma	149,624.5	1,420,171.4	1,569,795.9	42,517,884.1	44,087,680	3.561
Oregon	30,943,046.0	1,372,780.3	32,315,826.3	29,282,893.7	61,598,720	52.462
Pennsylvania	0	677,480.0	677,480.0	28,127,000.0	28,804,480	2.352
Rhode Island	0	7,980.5	7,980.5	669,139.5	677,120	1.179
South Carolina	0	1,131,715.7	1,131,715.7	18,242,364.3	19,374,080	5.841
South Dakota	1,600,686.2	1,783,749.2	3,364,435.4	45,517,484.6	48,881,920	6.883
Tennessee	0	1,803,903.9	1,803,903.9	24,923,776.1	26,727,680	6.749
Texas	0	3,292,995.2	3,292,995.2	164,924,604.8	168,217,600	1.958
Utah	33,761,890.4	553,885.0	34,315,775.4	18,381,184.6	52,696,960	65.119
Vermont	0	288,198.1	288,198.1	5,648,441.9	5,936,640	4.855
Virginia	0	2,357,082.0	2,357,082.0	23,139,238.0	25,496,320	9.245
Washington	11,033,056.8	1,387,652.2	12,420,709.0	30,275,051.0	42,693,760	29.093
West Virginia	0	1,083,370.3	1,083,370.3	14,327,189.7	15,410,560	7.030
Wisconsin	10,259.6	1,849,375.3	1,859,634.9	33,151,565.1	35,011,200	5.312
Wyoming	29,652,155.0	675,165.3	30,327,320.3	32,015,719.7	62,343,400	48.646
Total	683,286,033.8	58,222,628.2	741,508,662.0	1,529,834,698.0	2,271,343,360	32.646

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

Source: Inventory Report on Real Property Owned by the United States Throughout the World, published by General Services Administration.

TABLE 8.—Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of September 30, 1977

Agency and bureau	Acres			
	Public domain	Long-term interest	Purchase, donation, etc.	Total
CIVIL AGENCIES				
Agency for International Development		10.5	8.5	19.0
American Battle Monument Commission		1,614.6	.2	1,614.8
Central Intelligence Agency			309.7	309.7
Community Services Administration			1.0	1.0
Department of Commerce:				
Maritime Administration			930.1	930.1
National Oceanic and Atmospheric Administration	50,238.0		1,120.6	51,358.6
National Bureau of Standards			1,180.7	1,180.7
Office of Telecommunications			2,636.5	2,636.5
Total	50,238.0		5,867.9	56,105.9
Department of Justice:				
Bureau of Prisons	5,149.0		24,253.3	29,402.3
Immigration and Naturalization Service	5.0		587.5	592.5
Total	5,154.0		24,840.8	29,994.8
Department of Labor:				
Manpower Administration			3,604.7	3,604.7
U.S. Training and Employment Service			1.5	1.5
Total			3,606.2	3,606.2
Department of State:				
Bureau of Administration			1,716.5	1,716.5
International Boundary and Water Commission, United States and Mexico	818.5		119,666.7	120,485.2
Total	818.5		121,383.2	122,201.7
Department of Agriculture:				
Agriculture Research Service	315,574.1		84,128.5	399,702.6
Animal and Plant Health Inspection Service			1,144.3	1,144.3
Commodity Credit Corporation			1.0	1.0
Forest Service	160,194,036.1		27,353,457.1	187,547,493.2
Soil Conservation Service	1.9		1,533.8	1,535.7
Total	160,509,612.1		27,440,264.7	187,949,876.8

TABLE 8.—Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of September 30, 1977—Continued

Agency and bureau	Acres			
	Public domain	Long-term interest	Purchase, donation, etc.	Total
CIVIL AGENCIES—Continued				
Department of Health, Education and Welfare:				
Alcohol, Drug Abuse, and Mental Health Administration				
Center for Disease Control			339.3	339.3
Food and Drug Administration			113.8	113.8
Health Services Administration	584.6		727.1	727.1
National Institutes of Health			734.5	1,319.1
National Institutes of Education			1,785.5	1,785.5
Social Security Administration			12.4	12.4
			294.4	294.4
Total	584.6		4,007.0	4,591.6
Department of Housing and Urban Development: Office of the Secretary				
			286.4	286.4
Department of the Interior:				
Alaska Power Administration	20,433.7		10.3	20,444.0
Bonneville Power Administration	165.9		13,424.1	13,590.0
Bureau of Indian Affairs	4,205,124.4		633,989.6	4,839,114.0
Bureau of Land Management	447,831,417.0		2,363,623.9	450,195,040.9
Bureau of Mines	54.7		13,049.0	13,103.7
Bureau of Reclamation	4,743,110.5		1,922,422.3	6,665,532.8
Fish and Wildlife Service	26,918,470.5		4,288,836.6	31,207,307.1
Geological Survey	243.1		1,488.3	1,731.4
Mine Enforcement Safety Administration			74.3	74.3
National Park Service			5,882,994.0	26,294,771.6
Office of Water Research and Technology	20,411,777.6			
Office of the Secretary			28.6	28.6
Southwestern Power Administration			11,559.8	11,559.8
			236.2	236.2
Total	504,130,797.4		15,131,737.0	519,262,534.4
Department of Transportation:				
Federal Aviation Administration	37,353.3		22,274.5	59,627.8
Federal Highway Administration			235.3	235.3
Federal Railroad Administration	35,967.0		2,040.5	38,007.5
Saint Lawrence Seaway			2,959.6	2,959.6
Transportation System Center			14.0	14.0
U.S. Coast Guard	72,379.2	85.0	18,637.3	91,101.5
Total	145,699.5	85.0	46,161.2	191,945.7
Energy Research and Development Administration				
	1,438,510.4		668,420.7	2,106,931.1
Environmental Protection Agency				
			306.8	306.8
Federal Communications Commission				
	172.9		2,402.5	2,575.4
Federal Energy Administration				
			1,163.8	1,163.8
General Services Administration				
	92.7		15,112.3	15,205.0

TABLE 8.—*Land owned by the United States throughout the world, by agency, bureau, and method of acquisition as of September 30, 1977—Continued*

Agency and bureau	Acres			
	Public domain	Long-term interest	Purchase, donation, etc.	Total
CIVIL AGENCIES—Continued				
Government Printing Office			5.5	5.5
National Science Foundation			3,692.0	3,692.0
National Aeronautics and Space Administration	12,698.0		123,440.6	136,138.6
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
Tennessee Valley Authority			943,613.9	943,613.9
Treasury Department:				
Bureau of Engraving and Printing			8.7	8.7
Bureau of Customs			357.5	357.5
Bureau of the Mint			92.9	92.9
Federal Law Enforcement Training Center			1,499.1	1,499.1
Office of the Secretary			6.4	6.4
Secret Service			444.3	444.3
Total			2,408.9	2,408.9
U.S. Information Agency			8,894.2	8,894.2
U.S. Postal Service			5,256.8	5,256.8
Veterans Administration	1,638.2		23,172.6	24,810.8
Total, civil agencies	666,296,016.3	367,553.1	44,576,364.4	711,239,933.8
DEFENSE				
Defense, military functions:				
Department of the Army	7,082,052.0		3,956,539.0	11,038,591.0
Department of the Navy	2,304,713.6		1,247,759.1	3,552,472.7
Department of the Air Force	6,924,754.0		1,388,871.0	8,313,625.0
Total	16,311,519.6		6,593,169.1	22,904,688.7
Defense, civil functions. Corps of Engineers	678,497.9		7,333,196.4	8,011,694.3
Total, Defense agencies	16,990,017.5		13,926,365.5	30,916,383.0
Total, all agencies	683,286,033.8	367,553.1	58,502,729.9	742,156,316.8

TABLE 9.—*Federally owned land, by agency as of September 30, 1977*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Agriculture	160,509,612.1	27,412,213.5	187,921,825.6
Agricultural Research Service	315,574.1	84,070.3	399,644.4
Alabama		45.6	45.6
Arizona		17.9	17.9
California		352.7	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	32,452.9	9.9	32,462.8
Illinois		21.1	21.1
Iowa		363.5	363.5
Kansas		12.4	12.4
Louisiana		60.7	60.7
Maine		5.6	5.6
Maryland		9,851.0	9,851.0
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	6,737.1	4,796.5	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
Animal and Plant Health Inspection Service		1,144.3	1,144.3
Iowa		153.0	153.0
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
Commodity Credit Corporation		1.0	1.0
Iowa		1.0	1.0
Forest Service	160,194,036.1	27,325,464.1	187,519,500.2
Alabama	24,948.0	613,573.6	638,521.6
Alaska	20,621,705.0	311.4	20,622,016.4
Arizona	11,267,658.0	3,283.8	11,270,941.8
Arkansas	1,034,903.0	1,431,359.0	2,466,262.0
California	19,945,441.0	382,073.9	20,327,514.9
Colorado	13,752,705.0	633,966.1	14,386,671.1
Connecticut		10.0	10.0
Florida	162,199.0	920,143.3	1,082,342.3
Georgia		857,497.7	857,497.7
Idaho	19,944,154.3	445,892.0	20,390,046.3
Illinois	343.0	256,556.0	256,899.0
Indiana	432.0	180,684.0	181,116.0
Kansas	280.00	107,420.0	107,700.0
Kentucky		659,112.0	659,112.0
Louisiana	238.0	595,370.3	595,608.3
Maine		51,535.5	51,535.5
Michigan	280,434.0	2,427,987.0	2,708,421.0
Minnesota	1,110,168.0	1,677,180.0	2,787,348.0
Mississippi	1,740.0	1,136,898.9	1,138,638.9
Missouri	1,563.0	1,452,911.0	1,454,474.0

TABLE 9.—*Federally owned land, by agency as of September 30, 1977.*—Continued

Agency and State	Public domain	Acquired	Total
Department of Agriculture—Continued	Acres	Acres	Acres
Forest Service—Continued			
Montana	16,694,451.3	73,666.6	16,768,117.9
Nebraska	216,317.0	135,192.0	351,509.0
Nevada	5,072,018.0	40,737.0	5,112,755.0
New Hampshire		683,241.0	683,241.0
New Mexico	8,670,237.0	575,887.7	9,246,124.7
New York		13,232.0	13,232.0
North Carolina		1,153,914.9	1,153,914.9
North Dakota	106,575.0	999,010.0	1,105,585.0
Ohio	623.0	168,598.0	168,598.0
Oklahoma		290,447.0	291,070.0
Oregon	14,667,237.0	925,269.1	15,592,506.1
Pennsylvania		506,574.0	506,574.0
South Carolina		607,445.6	607,445.6
South Dakota	1,214,260.0	780,811.0	1,995,071.0
Tennessee		619,736.0	619,736.0
Texas		781,378.0	781,378.0
Utah	7,799,680.5	246,225.1	8,045,905.6
Vermont		264,110.0	264,110.0
Virginia		1,608,002.5	1,608,002.5
Washington	8,724,594.0	191,036.3	8,915,630.3
West Virginia		961,757.8	961,757.8
Wisconsin	8,235.0	1,484,918.0	1,493,153.0
Wyoming	8,870,897.0	380,509.0	9,251,406.0
Soil Conservation Service	1.9	1,533.8	1,535.7
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
Central Intelligence Agency		309.7	309.7
Maryland		90.1	90.1
Virginia		219.6	219.6
Community Services Administration		1.0	1.0
Maine .....		.2	.2
Massachusetts .....		.4	.4
New Jersey .....		.2	.2
Vermont .....		.2	.2
Department of Commerce	50,238.0	5,867.9	56,105.9
Maritime Administration		930.1	930.1
Alabama		74.0	74.0
New Jersey		53.8	53.8
New York		73.9	73.9
North Carolina		11.3	11.3
Texas		717.1	717.1
National Oceanic and Atmospheric Administration	50,238.0	1,120.6	51,358.6
Alabama		6.2	6.2
Alaska	50,218.0	18.1	50,236.1
Arkansas		1.4	1.4
California		18.1	18.1
Colorado	20.0	15.4	35.4
Connecticut		5.8	5.8
Florida		34.5	34.5
Hawaii		178.2	178.2

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Commerce—Continued			
National Oceanic and Atmospheric Administration—Continued			
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
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		120.6	120.6
Wisconsin		1.5	1.5
National Bureau of Standards		1,180.7	1,180.7
Colorado		585.6	585.6
Hawaii		5.2	5.2
Illinois .....		.1	.1
Maryland		589.8	589.8
Office of Telecommunications		2,636.5	2,636.5
Colorado		2,472.8	2,472.8
Illinois		163.7	163.7
Federal Energy Administration		1,163.8	1,163.8
Louisiana		664.3	664.3
Texas		499.5	499.5
Energy Research and Development Administration	1,438,510.4	668,388.9	2,106,899.3
California		7,692.7	7,692.7
Colorado	25,199.8	9,961.8	35,161.6
Connecticut		9.8	9.8
Florida		99.2	99.2
Idaho	513,279.1	59,051.6	572,330.7
Illinois		8,504.6	8,504.6
Kentucky		3,423.2	3,423.2
Maryland		124.4	124.4
Missouri		273.4	273.4
Nevada	819,581.8		819,581.8
New Jersey		5.7	5.7
New Mexico	11,201.6	28,621.4	39,823.0
New York		9,612.7	9,612.7
North Dakota		8.3	8.3
Ohio		4,968.1	4,968.1
Oklahoma		10.0	10.0
Pennsylvania		280.0	280.0
South Carolina		192,323.3	192,323.3
South Dakota		10.0	10.0
Tennessee		36,959.5	36,959.5
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
Environmental Protection Agency		306.8	306.8
Florida		16.5	16.5
Georgia		19.0	19.0
Michigan		43.3	43.3
Minnesota		53.2	53.2
New Jersey		15.1	15.1
Ohio		50.5	50.5
Oklahoma		27.8	27.8
Oregon		20.9	20.9
Rhode Island		12.6	12.6
South Carolina		30.4	30.4
Washington		17.5	17.5

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
Department of Commerce—Continued	Acres	Acres	Acres
Federal Communications Commission	172.9	2,402.5	2,575.4
Alaska	172.9	.....	172.9
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
General Services Administration	92.7	15,063.9	15,156.6
Alabama	101.7	101.7
Alaska	65.1	20.7	85.8
Arizona	21.7	59.3	81.0
Arkansas	47.9	47.9
California	5.2	960.1	965.3
Colorado	749.1	749.1
Connecticut	6.5	6.5
Delaware	3.6	3.6
District of Columbia	302.0	302.0
Florida	433.2	433.2
Georgia	227.2	227.2
Hawaii	21.2	21.2
Idaho	23.9	23.9
Illinois	145.2	145.2
Indiana	385.5	385.5
Iowa	16.3	16.3
Kansas	84.7	84.7
Kentucky	37.7	37.7
Louisiana	547.3	547.3
Maine	37.8	37.8
Maryland	1,283.3	1,283.3
Massachusetts	211.9	211.9
Michigan	157.3	157.3
Minnesota	83.7	83.7
Mississippi	68.7	68.7
Missouri	448.2	448.2
Montana .....	.7	657.9	658.6
Nebraska	9.5	9.5
Nevada	14.8	14.8
New Hampshire	6.6	6.6
New Jersey	1,171.2	1,171.2
New Mexico	122.6	122.6
New York	1,627.9	1,627.9
North Carolina	31.5	31.5
North Dakota	65.0	65.0
Ohio	330.5	330.5
Oklahoma	26.1	26.1
Oregon	43.5	43.5
Pennsylvania	170.8	170.8
Rhode Island	42.5	42.5
South Carolina	29.1	29.1
South Dakota	324.3	324.3
Tennessee	43.4	43.4
Texas	500.7	500.7
Utah	236.2	236.2
Vermont	27.2	27.2
Virginia	2,486.2	2,486.2
Washington	511.0	511.0
West Virginia	106.2	106.2
Wisconsin	9.1	9.1
Wyoming	6.1	6.1
Government Printing Office	5.5	5.5
District of Columbia	5.5	5.5

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Health, Education and Welfare	584.6	3,726.1	4,310.7
Alcohol, Drug Abuse and Mental Health Administration		339.3	339.3
District of Columbia		339.3	339.3
Center for Disease Control		110.8	110.8
Arizona		1.7	1.7
Georgia		100.8	100.8
West Virginia		8.3	8.3
Food and Drug Administration		727.1	727.1
Alabama		3.9	3.9
Arkansas		498.3	498.3
Maryland		194.6	194.6
Massachusetts		5.9	5.9
Missouri		6.0	6.0
Ohio		15.3	15.3
Pennsylvania		1.5	1.5
Rhode Island		1.6	1.6
Health Services Administration	584.6	726.6	1,311.2
Alaska	557.2		557.2
Arizona	26.4	23.7	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		10.0	10.0
Virginia		21.4	21.4
Washington		9.9	9.9
National Institute of Education		12.4	12.4
California		12.4	12.4
National Institutes of Health		1,515.5	1,515.5
Louisiana		28.8	28.8
Maryland		944.3	944.3
Montana		33.2	33.2
North Carolina		509.2	509.2
Social Security Administration		294.4	294.4
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

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Health, Education and Welfare—Continued			
Social Security Administration—Continued			
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
Department of Housing and Urban Development			
Office of the Secretary:		286.4	286.4
California		2.7	2.7
District of Columbia		278.0	278.0
Oklahoma		5.7	5.7
Department of the Interior			
	504,130,797.4	15,002,463.9	519,133,261.3
Alaska Power Administration			
Alaska	20,433.7	10.3	20,444.0
Bonneville Power Administration			
Idaho	1.5	94.8	96.3
Montana		316.8	316.8
Oregon	161.5	4,650.0	4,811.5
Washington	2.9	8,359.4	8,362.3
Wyoming		3.1	3.1
Fish and Wildlife Service			
	26,918,470.5	4,184,434.3	31,102,904.8
Alabama		9,106.4	9,106.4
Alaska	22,236,272.6	.3	22,236,272.9
Arizona	1,537,200.1	1,162.2	1,538,362.3
Arkansas	8,881.6	123,381.0	132,262.6
California	2,239.7	82,465.1	84,704.8
Colorado	11,729.7	40,562.3	52,292.0
Connecticut		183.4	183.4
Delaware		23,953.6	23,953.6
Florida	4,376.4	149,657.3	154,033.7
Georgia		440,034.4	440,034.4
Hawaii		3,104.2	3,104.2
Idaho	26,272.9	16,192.4	42,465.3
Illinois	65.2	55,493.4	55,558.6
Indiana		7,763.0	7,763.0
Iowa	333.7	25,854.6	26,188.3
Kansas		21,820.1	21,820.1
Kentucky		2,154.2	2,154.2
Louisiana	10,462.7	220,465.3	230,928.0
Maine		27,776.3	27,776.3
Maryland		23,120.7	23,120.7
Massachusetts		11,227.0	11,227.0
Michigan	3,075.3	102,018.5	105,093.8
Minnesota	288.2	379,293.5	379,581.7
Mississippi	40.1	76,371.3	76,411.4
Missouri		43,261.9	43,261.9
Montana	433,343.5	131,121.0	564,464.5
Nebraska	15,252.7	136,671.7	151,924.4

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of the Interior—Continued			
Fish and Wildlife Service—Continued			
Nevada	2,141,691.1	60,574.3	2,202,265.4
New Hampshire		1,711.4	1,711.4
New Jersey		32,512.6	32,512.6
New Mexico	15,766.6	300,626.6	316,393.2
New York		22,536.1	22,536.1
North Carolina		117,691.7	117,691.7
North Dakota	12,839.7	409,657.2	422,496.9
Ohio	82.0	7,712.1	7,794.1
Oklahoma	77,806.0	1,846.5	79,652.5
Oregon	248,888.4	218,169.3	467,057.7
Pennsylvania		8,543.2	8,543.2
Rhode Island		542.2	542.2
South Carolina		142,032.9	142,032.9
South Dakota	1,869.9	117,371.4	119,241.3
Tennessee		20,876.6	20,876.6
Texas		162,837.7	162,837.7
Utah	66,420.8	31,519.7	97,940.5
Vermont		5,739.5	5,739.5
Virginia		80,300.1	80,300.1
Washington	41,605.8	87,837.0	129,442.8
West Virginia		214.2	214.2
Wisconsin	740.3	169,922.5	170,662.8
Wyoming	20,925.5	29,445.0	50,370.5
Geological Survey	243.1	1,452.5	1,695.6
Alaska .....	.5	927.2	927.7
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
Bureau of Indian Affairs	4,205,124.4	633,989.6	4,839,114.0
Alaska	4,064,842.2	1.1	4,064,843.3
Arizona	89,375.0	1,053.4	90,428.4
California		260.4	260.4
Colorado	40.0	315.7	355.7
Idaho		32,816.5	32,816.5
Kansas		318.6	318.6
Michigan		4,016.5	4,016.5
Minnesota		28,697.9	28,697.9
Mississippi		227.9	227.9
Montana		4,039.9	4,039.9
Nebraska		169.7	169.7
Nevada	1,647.2	6,163.6	7,810.8
New Mexico	48,680.0	323,269.3	371,949.3
North Carolina		138.3	138.3
North Dakota		6,413.6	6,413.6
Oklahoma	540.0	26,894.0	27,434.0
Oregon		401.7	401.7
South Dakota		157,519.8	157,519.8
Utah		438.1	438.1
Washington		120.7	120.7
Wisconsin		39,416.7	39,416.7
Wyoming		1,296.2	1,296.2
Bureau of Land Management	447,831,417.0	2,363,623.9	450,195,040.9
Alabama	3,257.0		3,257.0
Alaska	274,191,369.0	579.2	274,191,948.2
Arizona	12,559,144.0	37,087.9	12,596,231.9
Arkansas	1,589.0		1,589.0
California	16,200,503.0	9,795.2	16,210,298.2
Colorado	7,959,777.0	36,586.9	7,996,363.9
Florida	1,189.0		1,189.0
Idaho	11,873,957.0	72,319.0	11,946,276.0
Illinois	29.0		29.0
Indiana	728.0		728.0
Iowa	7,217.0		7,217.0
Kansas	936.0		936.0
Louisiana	43,556.0		43,556.0
Michigan	639.0		639.0
Minnesota			
Mississippi			

TABLE 9.—Federally owned land, by agency as of September 30, 1977—Continued

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of the Interior—Continued			
Bureau of Land Management—Continued			
Missouri	200.0	.....	200.0
Montana	6,271,930.0	1,869,060.9	8,140,990.9
Nebraska	8,581.0	.....	8,581.0
Nevada	49,115,197.0	3,140.5	49,118,337.5
New Mexico	12,634,186.0	227,226.3	12,861,412.3
North Dakota	68,102.0	.....	68,102.0
Ohio	120.0	.....	120.0
Oklahoma	7,112.0	.....	7,112.0
Oregon	15,644,378.0	80,702.9	15,725,080.9
South Dakota	276,297.0	.....	276,297.0
Utah	22,869,394.0	16,688.6	22,886,082.6
Washington	309,030.0	.....	309,030.0
Wisconsin	262.0	.....	262.0
Wyoming	17,782,738.0	10,436.5	17,793,174.5
Bureau of Mines	54.7	13,049.0	13,103.7
Alabama .....	.....	2.6	2.6
Alaska	2.3	.....	2.3
Illinois .....	.....	2.2	2.2
Kansas .....	.....	12.2	12.2
Maryland .....	.....	17.9	17.9
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 .....	.....	248.3	248.3
Texas .....	.....	12,408.5	12,408.5
Utah	34.3	12.4	46.7
Washington .....	.....	21.0	21.0
Bureau of Reclamation	4,743,110.5	1,922,422.3	6,665,532.8
Arizona	920,547.1	83,167.8	1,003,714.9
California	851,968.0	213,702.6	1,065,670.6
Colorado	240,985.3	75,580.4	316,565.7
Idaho	303,630.0	135,568.9	439,198.9
Iowa .....	.....	190.7	190.7
Kansas .....	.....	93,547.3	93,547.3
Minnesota .....	.....	40.1	40.1
Montana	176,719.2	110,330.0	287,049.2
Nebraska	7,266.0	59,793.7	67,059.7
Nevada	848,414.1	70,724.9	919,139.0
New Mexico	80,550.0	118,217.6	198,767.6
North Dakota	906.7	127,591.1	128,497.8
Oklahoma	508.5	70,040.7	70,549.2
Oregon	126,872.2	38,349.9	165,222.1
South Dakota	19,181.0	46,032.0	65,213.0
Texas .....	.....	86,300.0	86,300.0
Utah	429,248.6	114,888.1	544,136.7
Washington	106,594.1	291,953.9	398,548.0
Wyoming	629,719.7	186,402.6	816,122.3
National Park Service	20,411,777.6	5,869,718.8	26,281,496.4
Alabama .....	.....	6,344.9	6,344.9
Alaska	7,005,016.5	993.5	7,006,010.0
Arizona	1,883,082.9	108,020.5	1,991,103.4
Arkansas	891.9	67,154.2	68,046.1
California	4,138,816.3	395,782.4	4,534,598.7
Colorado	503,537.2	33,815.7	537,352.9
District of Columbia .....	.....	9,218.9	9,218.9
Florida	47,214.4	1,512,153.0	1,559,367.4
Georgia .....	.....	27,939.9	27,939.9
Hawaii	46.2	228,741.2	228,787.4
Idaho	83,899.2	2,521.9	86,421.1
Illinois .....	.....	9.6	9.6
Indiana .....	.....	5,140.3	5,140.3
Iowa .....	.....	1,647.9	1,647.9
Kansas .....	.....	403.2	403.2
Kentucky .....	.....	62,153.7	62,153.7
Louisiana .....	.....	100.9	100.9
Maine .....	.....	34,400.3	34,400.3
Maryland .....	.....	32,887.4	32,887.4
Massachusetts .....	.....	25,955.7	25,955.7
Michigan	11,177.5	581,266.7	592,444.2

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of the Interior—Continued			
National Park Service—Continued			
Minnesota	281.8	121,230.3	121,512.1
Mississippi		106,707.7	106,707.7
Missouri		82,789.5	82,789.5
Montana	1,155,909.2	31,034.2	1,186,943.4
Nebraska	1,901.0	3,241.2	5,142.2
Nevada	254,073.0	8,248.3	262,321.3
New Hampshire		83.0	83.0
New Jersey		21,575.9	21,575.9
New Mexico	217,123.7	30,079.2	247,202.9
New York		22,418.4	22,418.4
North Carolina		367,557.2	367,557.2
North Dakota	10,490.9	59,919.4	70,410.3
Ohio	15.0	5,539.2	5,554.2
Oklahoma		2,042.9	2,042.9
Oregon	158,303.3	10,041.5	168,344.8
Pennsylvania		17,090.9	17,090.9
Rhode Island		4.6	4.6
South Carolina		4,636.3	4,636.3
South Dakota	78,276.2	142,179.0	220,455.2
Tennessee		256,595.4	256,595.4
Texas		928,317.8	928,317.8
Utah	790,241.6	78,306.0	868,547.6
Virginia		267,815.5	267,815.5
Washington	1,747,301.0	53,517.4	1,800,818.4
West Virginia		552.4	552.4
Wisconsin		46,803.0	46,803.0
Wyoming	2,324,178.8	64,740.8	2,388,919.6
Mining Enforcement and Safety Administration		74.3	74.3
Oklahoma .....		.2	.2
West Virginia		74.1	74.1
Office of Water Research and Technology		28.6	28.6
New Mexico		12.1	12.1
North Carolina		16.5	16.5
Southwestern Power Administration		236.2	236.2
Arkansas		57.2	57.2
Missouri		106.2	106.2
Oklahoma		72.8	72.8
Department of Justice	5,154.0	24,840.8	29,994.8
Immigration and Naturalization Service	5.0	587.5	592.5
Arizona		6.6	6.6
California		47.7	47.7
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		27.2	27.2
New Hampshire		4.1	4.1
New Mexico		1.2	1.2
New York .....		.4	.4
North Dakota		7.9	7.9
Texas		426.1	426.1
Washington	5.0	34.3	39.3
Bureau of Prisons	5,149.0	24,253.3	29,402.3
Alabama		160.4	160.4
Arizona	257.6		257.6
California		639.7	639.7
Colorado		320.0	320.0
Connecticut		286.4	286.4
Florida		412.4	412.4
Georgia		182.4	182.4
Illinois		921.0	921.0
Indiana		2,641.8	2,641.8

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Justice—Continued			
Bureau of Prisons—Continued			
Kansas	486.8	13.5	500.3
Kentucky		473.8	473.8
Michigan		332.2	332.2
Minnesota		560.0	560.0
Missouri	809.6	507.8	1,317.4
New Jersey		188.2	188.2
New York		431.9	431.9
North Carolina		769.9	769.9
Ohio		1,498.0	1,498.0
Oklahoma	3,595.0		3,595.0
Pennsylvania		5,193.2	5,193.2
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
Department of Labor		3,606.2	3,606.2
Manpower Administration		3,604.7	3,604.7
Arizona		1.3	1.3
California .....		.3	.3
Indiana		473.0	473.0
Kentucky		853.0	853.0
Michigan .....		.9	.9
Missouri		24.6	24.6
New Jersey		135.0	135.0
New Mexico		19.8	19.8
New York		160.2	160.2
Ohio		230.0	230.0
Oregon		800.7	800.7
Texas		905.9	905.9
Training and Employment Service		1.5	1.5
District of Columbia		1.5	1.5
National Science Foundation		3,573.6	3,573.6
Arizona		4.2	4.2
Colorado		526.0	526.0
Texas		301.0	301.0
West Virginia		2,742.4	2,742.4
National Aeronautics and Space Administration	12,698.0	123,440.6	136,138.6
Alaska	8,500.0	23.2	8,523.2
California		1,151.2	1,151.2
Florida		82,943.0	82,943.0
Louisiana		904.8	904.8
Maryland		554.3	554.3
Mississippi		20,642.2	20,642.2
New Mexico	4,198.0		4,198.0
Ohio		8,402.3	8,402.3
Texas		1,756.2	1,756.2
Virginia		7,063.4	7,063.4
United States Postal Service		5,240.9	5,240.9
Alabama		22.6	22.6
Alaska		14.4	14.4
Arizona		48.6	48.6
Arkansas		26.6	26.6
California		471.7	471.7
Colorado		99.4	99.4
Connecticut		81.3	81.3
Delaware		9.1	9.1
District of Columbia		11.4	11.4
Florida		227.3	227.3
Georgia		240.0	240.0
Hawaii		32.5	32.5
Idaho		9.7	9.7
Illinois		370.8	370.8

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
United States Postal Service			
—Continued			
Indiana		96.9	96.9
Iowa		100.1	100.1
Kansas		159.2	159.2
Kentucky		88.1	88.1
Louisiana		88.7	88.7
Maine		26.0	26.0
Maryland		123.3	123.3
Massachusetts		193.2	193.2
Michigan		169.9	169.9
Minnesota		112.0	112.0
Mississippi		32.7	32.7
Missouri		165.9	165.9
Montana		36.5	36.5
Nebraska		26.8	26.8
Nevada		11.3	11.3
New Hampshire		42.9	42.9
New Jersey		162.8	162.8
New Mexico		29.4	29.4
New York		273.1	273.1
North Carolina		138.1	138.1
North Dakota		5.1	5.1
Ohio		221.7	221.7
Oklahoma		50.1	50.1
Oregon		47.8	47.8
Pennsylvania		286.8	286.8
Rhode Island		10.1	10.1
South Carolina		30.7	30.7
South Dakota		29.9	29.9
Tennessee		119.2	119.2
Texas		314.2	314.2
Utah		27.2	27.2
Vermont		7.4	7.4
Virginia		122.7	122.7
Washington		117.2	117.2
West Virginia		30.5	30.5
Wisconsin		69.0	69.0
Wyoming		9.0	9.0
Department of State	818.5	119,666.7	120,485.2
International Boundary and Water Commission, United States and Mexico	818.5	119,666.7	120,485.2
Arizona	19.3	115.3	134.6
New Mexico	799.2	8,859.8	9,659.0
Texas		110,691.6	110,691.6
Tennessee Valley Authority		943,613.9	943,613.9
Alabama		214,953.0	214,953.0
Florida		226.7	226.7
Georgia		9,465.7	9,465.7
Kentucky		159,381.2	159,381.2
Mississippi		10,153.7	10,153.7
North Carolina		21,829.0	21,829.0
South Dakota		212.0	212.0
Tennessee		525,794.4	525,794.4
Virginia		1,598.2	1,598.2
Department of Transportation	145,716.0	43,440.6	189,156.6
Office of the Secretary		14.0	14.0
Massachusetts		14.0	14.0
United States Coast Guard	72,379.2	16,825.9	89,205.1
Alabama	24.1	93.2	117.3
Alaska	68,019.1	1,178.0	69,197.1
Arkansas		4.8	4.8
California	1,172.3	3,119.4	4,291.7
Connecticut		137.8	137.8
Delaware		63.2	63.2
Florida	1,076.1	900.2	1,976.3
Georgia		30.8	30.8

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Transportation—Continued			
United States Coast Guard—Continued			
Hawaii		1,614.6	1,614.6
Illinois		34.8	34.8
Indiana		16.5	16.5
Iowa		3.0	3.0
Kansas		2.5	2.5
Kentucky		7.7	7.7
Louisiana	167.3	2,425.2	2,592.5
Maine		606.5	606.5
Maryland		293.5	293.5
Massachusetts		508.7	508.7
Michigan	506.3	457.7	964.0
Minnesota	10.0	9.1	19.1
Mississippi		16.8	16.8
Missouri		7.1	7.1
New Hampshire		12.4	12.4
New Jersey		1,636.2	1,636.2
New York		598.0	598.0
North Carolina		1,281.3	1,281.3
North Dakota		4.2	4.2
Ohio	3.0	34.0	37.0
Oregon	55.9	134.5	190.4
Pennsylvania		4.4	4.4
Rhode Island		51.3	51.3
South Carolina		163.4	163.4
Tennessee		5.6	5.6
Texas		137.7	137.7
Vermont		7.3	7.3
Virginia		944.5	944.5
Washington	875.8	215.6	1,091.4
West Virginia		3.6	3.6
Wisconsin	469.3	60.8	530.1
Federal Aviation Administration	37,353.3	21,381.8	58,735.1
Alabama		84.1	84.1
Alaska	30,616.1	148.0	30,764.1
Arizona	488.2	101.4	589.6
Arkansas		36.4	36.4
California	722.3	239.7	962.0
Colorado	489.5	19.4	508.9
Florida		710.1	710.1
Georgia		37.0	37.0
Hawaii		251.7	251.7
Idaho	613.8	.8	614.6
Illinois		19.2	19.2
Kansas		11.9	11.9
Kentucky		28.2	28.2
Louisiana		87.9	87.9
Maine		59.4	59.4
Maryland .....		.4	.4
Massachusetts		317.1	317.1
Michigan		122.2	122.2
Minnesota		13.7	13.7
Mississippi		176.0	176.0
Missouri		183.3	183.3
Montana	200.0	26.4	226.4
Nebraska		6.2	6.2
Nevada	1,799.5	42.8	1,842.3
New Hampshire		65.7	65.7
New Jersey		5,414.0	5,414.0
New Mexico	264.9	150.9	415.8
New York		220.1	220.1
North Carolina		13.2	13.2
Ohio		35.8	35.8
Oklahoma		20.0	20.0
Oregon	824.5	28.8	853.3
Pennsylvania		157.5	157.5
South Carolina		1.4	1.4
South Dakota		109.1	109.1
Tennessee		19.1	19.1
Texas		302.7	302.7
Utah	791.7	18.6	810.3
Vermont .....		.2	.2
Virginia		11,887.8	11,887.8
Washington		127.7	127.7

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Transportation—Continued			
Federal Aviation Administration			
Continued			
Wisconsin		1.9	1.9
Wyoming	542.8	84.0	626.8
Federal Highway Administration	16.5	218.8	235.3
Maryland		161.9	161.9
Virginia	16.5	52.3	68.8
Washington		4.6	4.6
Federal Railroad Administration	35,967.0	2,040.5	38,007.5
Alaska	35,967.0	2,040.5	38,007.5
St. Lawrence Seaway		2,959.6	2,959.6
New York		2,959.6	2,959.6
Treasury Department		2,405.0	2,405.0
Office of the Secretary		6.3	6.3
District of Columbia		6.3	6.3
Bureau of Customs		353.7	353.7
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
Bureau of Engraving and Printing		8.7	8.7
District of Columbia		8.7	8.7
Bureau of the Mint		92.9	92.9
California		3.9	3.9
Colorado		4.4	4.4
Kentucky		74.5	74.5
New York		4.7	4.7
Pennsylvania		5.4	5.4
Federal Law Enforcement Training Center		1,499.1	1,499.1
Georgia		2,405.0	2,405.0
Secret Service		444.3	444.3
Maryland		444.3	444.3
United States Information Agency		8,701.9	8,701.9
California		1,760.8	1,760.8
North Carolina		6,181.1	6,181.1
Ohio		760.0	760.0
Veterans Administration	1,638.2	23,038.6	24,676.8
Alabama		366.8	366.8
Alaska	1.4		1.4
Arizona		338.6	338.6
Arkansas		272.0	272.0
California		2,275.0	2,275.0
Colorado	618.2	249.3	867.5
Connecticut		86.5	86.5
Delaware		30.6	30.6
District of Columbia		34.5	34.5

TABLE 9.—Federally owned land, by agency as of September 30, 1977—Continued

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Veterans Administration—Continued			
Florida		505.3	505.3
Georgia		378.4	378.4
Hawaii		111.5	111.5
Idaho	67.3		67.3
Illinois		885.5	885.5
Indiana		272.7	272.7
Iowa		244.9	244.9
Kansas	36.4	520.3	556.7
Kentucky		279.0	279.0
Louisiana		224.5	224.5
Maine		507.6	507.6
Maryland		670.7	670.7
Massachusetts		1,210.2	1,210.2
Michigan		827.2	827.2
Minnesota		852.3	852.3
Mississippi		290.7	290.7
Missouri		564.6	564.6
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		133.9	133.9
New York		1,666.7	1,666.7
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		1,490.4	1,490.4
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		1,335.7	1,335.7
Utah	120.6		120.6
Vermont		64.1	64.1
Virginia		1,296.9	1,296.9
Washington	118.4	150.3	268.7
West Virginia		337.4	337.4
Wisconsin	2.0	450.6	452.6
Wyoming	295.8	51.6	347.4
Department of Defense	16,990,991.2	13,807,869.3	30,798,860.5
Department of the Air Force	6,924,754.0	1,361,668.0	8,286,422.0
Alabama		5,597.0	5,597.0
Alaska	108,807.0	5,700.0	114,507.0
Arizona	2,574,915.0	14,322.0	2,589,237.0
Arkansas		9,155.0	9,155.0
California	89,637.0	380,532.0	470,169.0
Colorado		29,279.0	29,279.0
Connecticut		21.0	21.0
Delaware		2,859.0	2,859.0
District of Columbia		606.0	606.0
Florida	137,464.0	489,176.0	626,640.0
Georgia		11,842.0	11,842.0
Hawaii		5,343.0	5,343.0
Idaho	110,041.0	2,253.0	112,294.0
Illinois		4,972.0	4,972.0
Indiana		2,737.0	2,737.0
Iowa		1.0	1.0
Kansas		37,821.0	37,821.0
Louisiana		24,887.0	24,887.0
Maine		10,517.0	10,517.0
Maryland		6,967.0	6,967.0
Massachusetts		6,162.0	6,162.0
Michigan	160.0	9,161.0	9,321.0
Minnesota		1,396.0	1,396.0
Mississippi		5,984.0	5,984.0
Missouri		6,642.0	6,642.0
Montana	180.0	4,697.0	4,877.0
Nebraska		3,724.0	3,724.0
Nevada	2,891,853.0	4,942.0	2,896,795.0
New Hampshire		7,138.0	7,138.0

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Defense—Continued			
Department of the Air Force—Continued			
New Jersey		3,535.0	3,535.0
New Mexico	109,385.0	56,574.0	165,959.0
New York		11,724.0	11,724.0
North Carolina		3,345.0	3,345.0
North Dakota		12,287.0	12,287.0
Ohio		12,959.0	12,959.0
Oklahoma		9,492.0	9,492.0
Oregon	328.0	232.0	560.0
Pennsylvania		174.0	174.0
Rhode Island		36.0	36.0
South Carolina		14,671.0	14,671.0
South Dakota	584.0	7,798.0	8,382.0
Tennessee		39,080.0	39,080.0
Texas		62,949.0	62,949.0
Utah	897,403.0	16,067.0	913,470.0
Vermont		319.0	319.0
Virginia		3,436.0	3,436.0
Washington	85.0	10,199.0	10,284.0
Wisconsin		179.0	179.0
Wyoming	3,912.0	2,179.0	6,091.0
Department of the Army	7,082,052.0	3,943,887.0	11,025,939.0
Alabama	1,160.0	168,293.0	169,453.0
Alaska	2,265,685.0	3,722.0	2,269,407.0
Arizona	937,694.0	61,058.0	998,752.0
Arkansas	320.0	85,195.0	85,515.0
California	725,659.0	276,952.0	1,002,611.0
Colorado	3,133.0	176,490.0	179,623.0
Connecticut		325.0	325.0
Delaware		437.0	437.0
District of Columbia		242.0	242.0
Florida	13.0	1,642.0	1,655.0
Georgia		522,522.0	522,522.0
Hawaii		106,963.0	106,963.0
Idaho	1,731.0	8.0	1,739.0
Illinois		43,103.0	43,103.0
Indiana		113,015.0	113,015.0
Iowa		19,293.0	19,293.0
Kansas	24,898.0	101,577.0	126,475.0
Kentucky		167,201.0	167,201.0
Louisiana		114,625.0	114,625.0
Maine		1,034.0	1,034.0
Maryland		96,245.0	96,245.0
Massachusetts		13,463.0	13,463.0
Michigan		9,894.0	9,894.0
Minnesota		2,521.0	2,521.0
Mississippi	35.0	4,406.0	4,441.0
Missouri		63,069.0	63,069.0
Montana	34.0	6,505.0	6,539.0
Nebraska		18,140.0	18,140.0
Nevada	7,868.0	404.0	8,272.0
New Hampshire		27.0	27.0
New Jersey		41,183.0	41,183.0
New Mexico	2,200,226.0	157,616.0	2,357,842.0
New York		136,543.0	136,543.0
North Carolina		148,725.0	148,725.0
North Dakota		900.0	900.0
Ohio		23,691.0	23,691.0
Oklahoma	51,230.0	76,270.0	127,500.0
Oregon	8,280.0	8,835.0	17,115.0
Pennsylvania		25,249.0	25,249.0
Rhode Island		217.0	217.0
South Carolina		53,638.0	53,638.0
South Dakota		50.0	50.0
Tennessee		105,361.0	105,361.0
Texas		376,273.0	376,273.0
Utah	816,394.0	48,877.0	865,271.0
Vermont		11,996.0	11,996.0
Virginia		159,989.0	159,989.0
Washington	27,677.0	323,081.0	350,758.0
West Virginia		120.0	120.0
Wisconsin	551.0	66,902.0	67,453.0
Wyoming	9,464.0	.....	9,464.0

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Defense—Continued			
Department of the Navy	2,305,687.3	1,169,123.4	3,474,810.7
Alabama		3,575.6	3,575.6
Alaska	65,988.0		65,988.0
Arizona	10.0	2,445.2	2,455.2
Arkansas		119.4	119.4
California	1,789,741.9	594,578.9	2,384,320.8
Colorado	56,408.2		56,408.2
Connecticut		1,195.6	1,195.6
Delaware		370.6	370.6
District of Columbia		683.9	683.9
Florida	16,878.2	51,609.8	68,488.0
Georgia		7,822.7	7,822.7
Hawaii	37,473.0	23,940.8	61,413.8
Idaho		22.2	22.2
Illinois		2,945.5	2,945.5
Indiana		62,662.2	62,662.2
Iowa		15.2	15.2
Kansas		18.1	18.1
Kentucky		134.6	134.6
Louisiana		3,653.9	3,653.9
Maine		7,462.3	7,462.3
Maryland		22,563.1	22,563.1
Massachusetts		7,041.1	7,041.1
Michigan		35.6	35.6
Minnesota		110.2	110.2
Mississippi		11,788.0	11,788.0
Missouri		10.3	10.3
Montana		2.7	2.7
Nebraska		7.0	7.0
Nevada	202,333.8	8,314.9	210,648.7
New Hampshire		12.9	12.9
New Jersey		7,500.9	7,500.9
New Mexico		1.0	1.0
New York		8,053.0	8,053.0
North Carolina		114,964.0	114,964.0
Ohio	12.6	442.3	454.9
Oklahoma		44,961.6	44,961.6
Oregon	37,320.3	10,266.2	47,586.5
Pennsylvania		4,013.7	4,013.7
Rhode Island		7,017.3	7,017.3
South Carolina	973.7	9,905.9	10,879.6
Tennessee		3,606.9	3,606.9
Texas		21,986.8	21,986.8
Utah	89,066.2	504.8	89,571.0
Vermont		1.5	1.5
Virginia		94,910.3	94,910.3
Washington		25,668.9	25,668.9
West Virginia		2,175.8	2,175.8
Wyoming	9,481.4	.2	9,481.6
Corps of Engineers	678,497.9	7,333,190.9	8,011,688.8
Alabama	133.5	77,083.3	77,216.8
Alaska	54,326.7	2,626.1	56,952.8
Arizona	24,654.1	9,878.0	34,532.1
Arkansas	26,396.1	533,674.9	560,071.0
California	15,531.1	110,697.5	126,228.6
Colorado	182.9	38,066.2	38,249.1
Connecticut		7,071.7	7,071.7
Delaware		13,058.6	13,058.6
District of Columbia		319.5	319.5
Florida	86.1	26,278.2	26,364.3
Georgia		348,369.6	348,369.6
Hawaii		25.7	25.7
Idaho	22,356.7	43,072.2	65,428.9
Illinois		190,640.8	190,640.8
Indiana	23,603.2	94,228.7	117,831.9
Iowa	7.1	176,438.5	176,445.6
Kansas		337,820.1	337,820.1
Kentucky		333,320.9	333,320.9
Louisiana	7,100.4	85,216.0	92,316.4
Maine		9.1	9.1
Maryland		8,029.4	8,029.4

PUBLIC LAND STATISTICS

TABLE 9.—*Federally owned land, by agency as of September 30, 1977—Continued*

Agency and State	Public domain	Acquired	Total
	Acres	Acres	Acres
Department of Defense—Continued			
Corps of Engineers—Continued			
Massachusetts		16,885.8	16,885.8
Michigan	207.0	2,496.4	2,703.4
Minnesota	11,742.7	24,357.0	36,099.7
Mississippi		303,891.6	303,891.6
Missouri	74.7	527,899.9	527,974.6
Montana	420,949.0	170,475.6	591,424.6
Nebraska	9.6	58,827.7	58,837.3
Nevada	466.0	205.0	671.0
New Hampshire		18,501.0	18,501.0
New Jersey		15,084.3	15,084.3
New Mexico	4,785.2	23,098.3	27,883.5
New York		13,288.4	13,288.4
North Carolina		96,436.8	96,436.8
North Dakota	9,895.0	547,946.7	557,841.7
Ohio		103,324.5	103,324.5
Oklahoma	1,472.9	892,801.7	894,274.6
Oregon	35,803.1	74,099.0	109,902.1
Pennsylvania		107,955.6	107,955.6
Rhode Island		1.4	1.4
South Carolina		105,218.3	105,218.3
South Dakota	9,860.0	510,801.7	520,661.7
Tennessee		194,209.8	194,209.8
Texas		720,953.6	720,953.6
Vermont		5,920.4	5,920.4
Virginia		114,888.4	114,888.4
Washington	8,854.8	93,578.9	102,433.7
West Virginia		114,119.4	114,119.4
Wisconsin		39,998.7	39,998.7
Grand Total	683,287,024.0	58,221,638.0	741,508,662.0

Source: Reports Division, Central Office, General Services Administration.

TABLE 10.—Public lands under exclusive jurisdiction of the Bureau of Land Management, 1977 (in acres)

State	Vacant public lands ¹			Reserved lands ²		Unperfected entries pending ⁴	Grand total
	Outside grazing districts	Within grazing districts	Total	LU ³	Other		
Alabama	3,257		3,257				3,257
Alaska							
Arizona	1,653,011	9,922,484	11,575,495	37,072	246,197,498	4,996,568	251,194,066
Arkansas	1,589		1,589		983,169	480	12,596,216
California	12,310,930	2,227,288	14,538,218		1,661,645	640	16,200,503
Colorado	523,970	5,582,965	6,106,935	36,584	1,852,842		7,996,361
Florida	1,189		1,189				1,189
Idaho	458,902	11,039,439	11,498,341	72,276	361,557	21,681	11,953,855
Illinois	29		29				29
Kansas	728		728				728
Louisiana	7,217		7,217				7,217
Michigan	936		936				936
Minnesota	25,603		25,603		17,953		43,556
Mississippi	639		639				639
Missouri	200		200				200
Montana	1,160,514	4,980,875	6,141,389	1,869,034	130,541		8,140,964
Nebraska	8,581		8,581				8,581
Nevada	3,835,666	44,614,176	48,449,842	3,127	655,187	10,168	49,118,324
New Mexico	1,376,606	10,889,527	12,266,133	226,690	368,053		12,860,876
North Dakota	67,921		67,921		181		68,102
Ohio	120		120				120
Oklahoma	5,645		5,645		1,467		7,112
Oregon	550,513	12,483,177	13,033,690	80,176	72,610,589	99	15,724,554
South Dakota	275,995		275,995		302		276,297
Utah		20,754,210	20,754,210	16,610	2,114,864	320	22,886,004
Washington	306,414		306,414		2,616		309,030
Wisconsin	262		262				262
Wyoming	3,072,690	11,060,532	14,133,222	10,434	3,649,516		17,793,172
Total	25,649,127	133,554,673	159,203,800	2,352,003	260,607,980	5,029,956	427,193,739

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 2410.0-3 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 Tarrant 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.

⁵Includes Secretarial withdrawals under the Alaska Native Claims Act of December 18, 1971 (85 Stat. 688). Public Land Order 5418, dated March 25, 1974, withdraws all unreserved lands in Alaska.

⁶Excludes approximately 23 million acres in Naval Petroleum Reserve No. 4.

⁷Includes 2,071,997 acres of O&C lands and 74,547 acres of CBWR lands.

TABLE 11.—Area of national forests, 1977

State or possession	Public lands	Acquired lands	Total
	Acres	Acres	Acres
Alabama	24,948	616,474	641,422
Alaska	20,621,703	311	20,622,014
Arizona	11,267,658	3,284	11,270,942
Arkansas	1,035,161	1,431,875	2,467,036
California	19,945,441	382,074	20,327,515
Colorado	13,752,705	633,966	14,386,671
Connecticut		10	10
Florida	162,199	920,172	1,082,371
Georgia	0	857,498	857,498
Idaho	19,943,984	446,062	20,390,046
Illinois	343	256,556	256,899
Indiana	432	180,684	181,116
Kansas	280	107,626	107,906
Kentucky		659,112	659,112
Louisiana	238	596,631	596,869
Maine		51,536	51,536
Michigan	280,434	2,427,987	2,708,421
Minnesota	1,110,168	1,677,180	2,787,348
Mississippi	1,603	1,137,035	1,138,638
Missouri	1,563	1,452,911	1,454,474
Montana	16,694,365	73,719	16,768,084
Nebraska	216,317	135,192	351,509
Nevada	5,072,018	40,737	5,112,755
New Hampshire		683,241	683,241
New Mexico	8,670,237	575,888	9,246,125
New York		13,232	13,232
North Carolina		1,153,915	1,153,915
North Dakota	106,575	999,010	1,105,585
Ohio		168,598	168,598
Oklahoma	623	290,447	291,070
Oregon	14,667,236	926,125	15,593,361
Pennsylvania		506,574	506,574
South Carolina		607,446	607,446
South Dakota	1,214,260	780,811	1,995,071
Tennessee		620,978	620,978
Texas		781,378	781,378
Utah	7,799,684	246,217	8,045,901
Vermont		264,110	264,110
Virginia		1,608,067	1,608,067
Washington	8,803,819	266,193	9,070,012
West Virginia		961,755	961,755
Wisconsin	8,235	1,484,918	1,493,153
Wyoming	8,870,897	380,509	9,251,406
Total States	160,273,126	27,408,044	187,681,170
Puerto Rico	12,384	15,462	27,846
Virgin Islands		147	147
Grand Total	160,285,510	27,423,653	187,709,163

Note: Includes purchase units, experimental areas, and land utilization projects.
Source: Forest Service, U.S. Department of Agriculture.

PART 2

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

LAND DISPOSITION AND USE

Under the nonmineral public land laws, the Bureau administers some 451 million acres of Federally-owned lands. In so doing, the Bureau issued 1,276 patents during fiscal year 1977 which transferred 1,162,925 acres of public lands from Federal ownership (table 15). There were also 450 original entries and selections covering 10,517,895 acres and 251 final entries covering 1,161,375 acres (tables 13 and 14). Patents or certificates were issued for 37 homesteads which involved 4,919 acres (table 15). The total of other patents and certifications was 1,239 and these covered 1,158,006 acres (table 16).

As of September 30, 1977, there were 63,437,586 acres of patented lands on which the minerals were reserved to the United States. A total of 98,251 acres was patented with minerals reserved to the United States during 1977 (table 17).

The Bureau of Land Management allowed homestead entries on 1,760 acres (table 13) during 1977 and 4,919 acres (table 15) of homesteads were patented during the same period.

In 1977, 97,670 acres of Federal lands were exchanged for 142,037 acres of State or private land (table 26).

During the same period 27,906 acres were withdrawn from all forms of entry, while withdrawals were revoked on 130,516 acres (table 27).

On September 30, 1977, there were 123 small tract leases covering 422 acres in effect. The annual rental paid to the Bureau for these leases was \$15,622; 5 of these leases covering 16 acres were issued during the past year; 3 small tracts covering 3 acres were sold in the same period (table 31).

Special land use permits covering 1,452,562 acres were in effect as of September 30, 1977. Rentals of \$100,356 were charged for 114,521 of these acres (table 32).

There were 1,245 miscellaneous leases in effect on September 30, 1977, covering 120,183 acres. The annual rental for these leases was \$237,988 (table 33).

On September 30, 1977 there were 11,269 unperfected entries pending involving 172,487,205 acres (table 23).

DEFINITIONS OF TERMS

Acquired land:

Lands in Federal ownership which are not public lands as defined below, acquired lands having been obtained by the Government through purchase, condemnation or gift, or by exchange for purchased, condemned or donated lands, or for timber on such lands.

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.

Disposition:

A transaction which leads to the transfer of public lands and/or resources 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:

Where the applicant is permitted to proceed with earning title to the land or as a Final entry:

Where all the requirements of law and regulations have already been complied with. A final entry may be a

Cash entry:

Where the entryman pays cash or its equivalent, or a

Commuted entry:

When the entryman pays the statutory price for the lands, in consideration for reduction of residence and improvement requirements.

Entry unperfected:

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

Exchange:

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

Private exchange:

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

State exchange:

An exchange between the Federal Government and a State.

Taylor Act exchange:

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

Federal land:

All classes of land owned by the Federal Government.

Isolated tract:

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

Patent:

A document which conveys legal title to public land.

Pittman Act entry:

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.

Public auction:

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

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:

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

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 entrymen 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.

Recreational entry:

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

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.

Revocation:

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

Selection:

In general, an application to acquire title to public lands which is submitted by an applicant who acquired the right to apply for such lands by receipt of a grant by surrender of his own lands in an exchange, by relinquishment of his rights to other lands (lieu selection), by surrender of scrip or by similar means.

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 land use permit:

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

Vacant public land:

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

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.

TABLE 12.—*Original entries and selections allowed and final entries approved, 1977*

State	Original entries and selections		Final entries	
	Number	Acres	Number	Acres
Alaska:				
Anchorage	214	584,248	103	1,142,670.50
Fairbanks	177	9,884,362	35	2,855.05
Alabama	1	.....	1	80.00
Arizona	8	2,697	9	1,490.83
California	11	38,267	10	142.57
Colorado .....	.....	.....	3	8.58
Idaho	18	4,369	30	5,843.00
Louisiana .....	.....	.....	1	40.24
Minnesota .....	.....	.....	2	102.00
Montana	15	1,831	17	1,999.91
Nevada	3	202	9	807.52
New Mexico .....	.....	.....	1	148.18
Oregon	1	1,460	10	692.00
South Dakota	1	20	2	135.82
Utah .....	.....	.....	13	3,664.00
Washington .....	.....	.....	2	232.00
Wisconsin .....	.....	.....	1	24.76
Wyoming	2	439	2	438.54
Total	450	10,517,895	251	1,161,375.40

TABLE 13.—Original entries and selections allowed, 1977

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Homestead entries				
Alaska:				
Fairbanks	3	480	\$30.00	.....
Montana	10	1,280	55.00	.....
Total homestead entries	13	1,760	85.00	.....
Desert land entries				
Idaho	14	4,203	¹ 1,635.00	1,050.75
Wyoming	2	439	.....	105.00
Total desert land entries	16	4,642	1,635.00	1,155.75
Mineral applications				
Arizona	8	2,697	200.00	.....
California	9	334	225.00	.....
Idaho	4	166	100.00	.....
Montana	5	551	125.00	2,622.50
Nevada	3	202	75.00	1,285.00
Oregon	1	1,460	.....	3,650.00
South Dakota	1	20	25.00	50.00
Total mineral applications	31	5,430	750.00	7,607.50
State selections				
Alaska:				
Anchorage	92	281,229	.....	.....
Fairbanks	125	2,344,822	.....	.....
Total state selections	217	2,626,051	.....	.....
Other entries				
Alaska:				
Anchorage	² 122	303,019	.....	.....
Fairbanks	³ 49	7,539,060	90.00	.....
California	⁴ 2	37,933	2,483.37	.....
Total other entries	173	7,880,012	2,573.37	.....
Grand Total	450	10,517,895	5,043.37	8,763.25

¹Filing fee of 109 new desert land applications.

²Miscellaneous selections.

³Includes 3 Native Allotments, 480 acres, \$30.00 fees and commissions; 6 homesites, 30 acres, \$60.00 fees and commissions; 2 headquarters sites, 10 acres, \$20.00 fees and commissions; 1 trade and manufacturing site, 5 acres, \$10.00 fees and commissions; 34 regional selections, 7,538 acres; and 3 historic sites, 15 acres.

⁴Railroad selection.

TABLE 14.—Final entries approved, 1977

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Homestead entries				
Alaska:				
Anchorage	26	3,474.07		\$415.00
Fairbanks	3	399.99		325.00
Idaho	11	40.00		
Montana	² 10	1,280.00	\$55.00	
Total homestead entries	40	5,194.06	55.00	740.00
Desert land entries				
Idaho	19	4,994.00		4,994.00
Nevada	1	320.00	35.00	320.00
Wyoming	2	438.54		105.00
Total desert land entries	22	5,752.54	35.00	5,419.00
Public auction sales				
Alaska:				
Fairbanks	2	14.45		25.00
Colorado	1	.71		400.00
Idaho	1	5.00		625.00
Nevada	5	435.25	689.40	43,295.00
New Mexico	1	148.18	25.00	24,848.55
Oregon	7	449.00		199,370.00
Utah	9	218.00	225.00	16,400.00
Total public auction sales	26	1,270.59	939.40	284,963.55
Mineral entries				
Alaska:				
Fairbanks	2	551.12		2,672.50
Arizona	6	688.58	150.00	3,255.00
California	4	93.06		342.50
Colorado	1	4.83		25.00
Idaho	1	90.00		225.00
Montana	5	550.97	125.00	2,622.50
Nevada	1	37.27	25.00	487.50
Oregon	2	203.00		622.50
South Dakota	1	20.00	25.00	50.00
Washington	2	232.00		1,160.00
Total mineral entries	25	2,470.63	325.00	11,462.50
Color-of-title entries				
Alabama	1	80.00	\$10.00	\$1,200.00
California	1	20.27	10.00	16,225.00
Idaho	5	115.00		36,808.00
Louisiana	1	40.24	10.00	6,000.00
Minnesota	2	102.00	20.00	2,850.00
Wisconsin	1	24.76	10.00	39.95
Total color-of-title entries	11	382.27	60.00	63,122.95
Recreational and public purposes act sales				
Arizona	2	797.25		
California	1	20.15	10.00	10,000.00
Idaho	3	599.00		4,000.00
Montana	1	150.80	10.00	
Nevada	2	15.00	20.00	350.00
Oregon	1	40.00		100.00
Utah	3	3,366.00		400.00
Total recreational and public purposes act sales	³ 13	4,988.20	40.00	14,850.00
Small tract sales				
California	2	1.59	20.00	590.00
Other cash sales				
Alaska:				
Anchorage	⁴ 40	1,134.43		137.30
Fairbanks	⁵ 19	808.62		188.03
California	⁶ 2	7.50	20.00	2,875.00
Colorado	⁶ 1	3.24		5,100.00
Montana	⁷ 1	18.14		
Total other cash sales	63	1,971.93	20.00	8,300.33

Type of entry by State	Number	Acres	Fees and commissions	Purchase money
Other entries				
Alaska:				
Anchorage	⁸ 37	1,138,061.90		
Fairbanks	⁹ 9	1,080.87		
Arizona	¹⁰ 1	5.00	10.00	
South Dakota	¹¹ 1	115.82		
Utah	¹² 1	80.00		
Total other entries	49	1,139,343.59	10.00	
Grand Total	251	1,161,375.40	1,504.40	389,448.33

¹Reclamation homestead.

²Includes 5 reclamation homesteads on Flathead ceded Indian land (520 acres), \$30.00 fee, Act of April 23, 1904 as amended.

³Includes 8 entries, Act of June 14, 1926 (44 Stat. 741) as amended under the special pricing schedule; 3 entries in Idaho, 599 acres, \$5,000.00 purchase money; 1 entry in Montana, 150.80 acres, \$10.00 fee; 1 entry in Oregon, 40 acres, \$100.00 purchase money; and 3 entries in Utah, 3,366 acres.

⁴Includes 25 homesites and headquarters, 497.06 acres, \$99.80 acres, \$99.80 purchase money; 10 trade and manufacturing sites, 370.19 acres, \$37.50 purchase money; 5 townsites, 267.18 acres.

⁵Includes 14 homesites and headquarters, 64.76 acres, \$161.08 purchase money; 3 townsites, 653.08 acres; 2 trade and manufacturing sites, 90.78 acres, \$26.95 purchase money.

⁶Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁷Reclamation sale issued under the Act of March 31, 1950 (64 Stat. 39).

⁸Includes 25 Native Allotments, 2,301.72 acres; 7 State grants, 1,088,342.58 acres; 4 village selections, 43,709.35 acres; 1 entry under the Alaska Native Claims Settlement Act of December 18, 1971 (43 U.S.C. 1601), 3,708.25 acres.

⁹Native allotments.

¹⁰Soldiers Additional Homestead Act.

¹¹Supplemental cash entry under Act of April 24, 1820.

¹²Indian allotment.

TABLE 15.—*Patents issued, 1977*

State	Homestead		Desert land		Public auction		Mineral	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	26	3,599.06					3	555.80
Arizona							6	688.58
California							4	93.06
Colorado							1	4.62
Idaho	1	40.00	19	4,994.00	1	5.00	1	90.00
Montana	10	1,280.00					5	550.97
Nevada			1	320.00	5	435.25	1	37.27
New Mexico					1	148.18		
Oregon					7	449.00	1	21.00
South Dakota							1	20.00
Utah					9	218.00		
Washington							1	21.00
Wyoming			5	1,040.00	1	40.00	3	1,607.00
Total	37	4,919.06	25	6,354.00	24	1,295.43	27	3,689.30

TABLE 15.—*Patents issued, 1977*—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	80.00					3	
Alaska							1	.10			2	9.13	53	1,288.97
Arizona											2	797.25	4	
California	12	147.91	22	512.44			1	20.27	2	1.59	1	20.15	2	7.50
Colorado													2	3.95
Idaho	2	355.00	34	2,928.00			5	115.00			3	599.00		
Louisiana							1	40.24						
Minnesota			52	3,928.01			2	1.20					6	
Montana	15	1,560.00	95	16,057.26							1	150.80	1	18.14
Nevada											2	15.00		
North Dakota	15	338.12	198	25,705.80										
Oklahoma	2	80.00	51	3,000.49										
Oregon			3	178.00							1	40.00		
South Dakota	42	6,400.90	138	28,458.96										
Utah	1	80.00	1	5.00							3	3,366.00		
Washington			145	10,249.00									6	
Wisconsin							1	24.76						
Wyoming			4	117.00							1	15.00	7	989.00
Total	89	8,961.93	743	791,139.96			12	281.57	2	1.59	*16	5,012.33	65	2,307.56

TABLE 15.—*Patents issued, 1976—Continued*

State	Exchange		State grants		Curative and supplemental		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama					53	6,332.32			54	80.00
Alaska			⁹⁹	914,057.27			¹⁰³⁸	70,723.69	132	990,234.02
Arizona	5	583.88			1	.96	¹¹¹	5.00	15	2,074.71
Arkansas	2	2,058.93			5	523.45			7	2,058.93
California	24	13,218.91					¹²²	37,993.13	70	51,502.52
Colorado	5	5,309.12			1	120.00			9	5,317.69
Idaho	6	7,224.00			1	121.00			73	13,422.00
Illinois					8	759.87			8	(7)
Indiana					4	401.70			4	(7)
Louisiana			¹⁵¹	1.60	2	420.46			4	41.84
Michigan	1	40.00			4	479.15			5	40.00
Minnesota					1	41.40			55	1.20
Mississippi					18	1,838.61			18	(7)
Missouri					8	677.00			8	(7)
Montana	3	1,283.23			1	624.90			131	4,843.14
Nevada	4	420.55			1	10.00			14	1,228.07
New Mexico	3	6,776.80							4	6,924.98
North Dakota									213	338.12
Oklahoma									53	80.00
Oregon	6	35,819.00					¹²¹	20.00	19	36,349.00
South Dakota	1	123.54			1	115.82			183	6,544.44
Utah	5	16,666.00	¹⁴²	9,629.00	3	319.90			24	29,959.00
Washington	4	8,149.00							150	8,170.00
Wisconsin					1	160.00			2	24.76
Wyoming									21	3,691.00
Total	69	97,672.96	12	923,687.87	113	712,946.54	42	108,741.82	1,276	¹⁵¹ 1,162,925.42

¹Includes 4 patents in Oregon (263 acres) issued under Public Law Sale Act of September 19, 1964 (78 Stat. 988).

²Includes 26 millsites (216.28 acres); 1 patent, 24 millsites in Arizona, (201.66 acres), 1 millsite in California, (5.00 acres); 1 millsite in Montana (9.62 acres).

³Includes 8 Native Townsites (920.26 acres); 2 patents (14.55 acres) issued under Public Law Order 1613, Act of August 1, 1956 (70 Stat. 898); 43 trade and manufacturing sites (354.16 acres).

⁴Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁵Includes 1 patent, (.71 acres) issued under Act of October 21, 1976 (90 Stat. 2750) (43 U.S.C. 1713) and 1 patent (3.24 acres) under the Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁶Reclamation Sales Act of March 31, 1950 (64 Stat. 39).

⁷Acres not included in total, previously reported as patented.

⁸Includes 8 patents, (4,155.80 acres) issued under the special pricing schedule, Recreation and Public Purposes Act of June 14, 1926 (44 Stat. 741); 3 patents in Idaho, (599

acres); 1 patent in Montana (150.80 acres); 1 patent in Oregon (40 acres); and 3 patents in Utah 3,366 acres).

⁹General Purpose Grants under the Statehood Act of July 7, 1958 (72 Stat. 399 as amended).

¹⁰Includes 32 Native Allotments (3,175.53 acres); 6 Village Selections (67,548.16 acres).

¹¹Script patent.

¹²Railroad Selections.

¹³Swamp patent.

¹⁴Act of July 16, 1894.

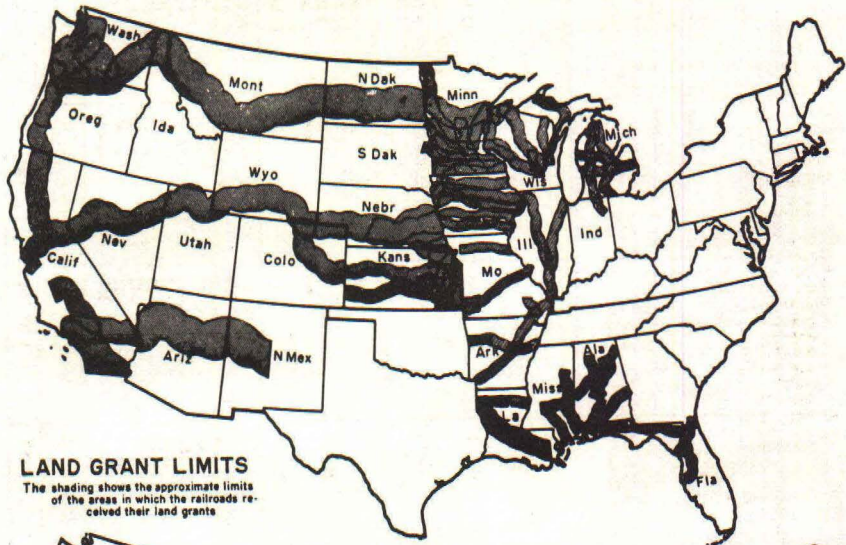
¹⁵This total does not include 91,139.47 acres in Indian Fee and Reissue Trust, and 12,946.54 acres in Curative and Supplemental Patents, a total of 104,086.01 acres not included in total.

TABLE 16.—*Original entries and selections allowed, final entries approved, and patents and certifications issued, 1977*

Type of entry, selection, patent or certification	Original entries and selections		Final entries		Patents and Certifications	
	Number	Acres	Number	Acres	Number	Acres
Homestead entries:						
Reclamation	10	1,280	10	1,280	.....	.....
Sec. 2289, R.S. et al	3	480	30	3,914	37	4,919
Commuted .....	.....	.....	.....	.....	.....	.....
Total homestead entries	13	1,760	40	5,194	37	4,919
Other entries and selections:						
Desert land entries	16	4,642	22	5,753	25	6,354
Public auction sales .....	.....	.....	26	1,271	24	1,295
Mineral entries	31	5,430	25	2,471	27	3,689
Indian selections .....	.....	.....	39	47,172	832	18,962
Miscellaneous cash-sale entries .....	.....	.....	89	7,343	95	7,603
Exchanges .....	.....	.....	.....	.....	69	97,673
State selections	217	2,626,051	7	1,088,343	12	923,688
Curative and supplemental patents .....	.....	.....	.....	.....	113	(2)
Other	173	7,880,012	3	3,828	42	108,742
Total other entries and selections	437	10,516,135	211	1,156,181	1,239	1,158,006
Grand total	450	10,517,895	251	1,161,375	1,276	1,162,925

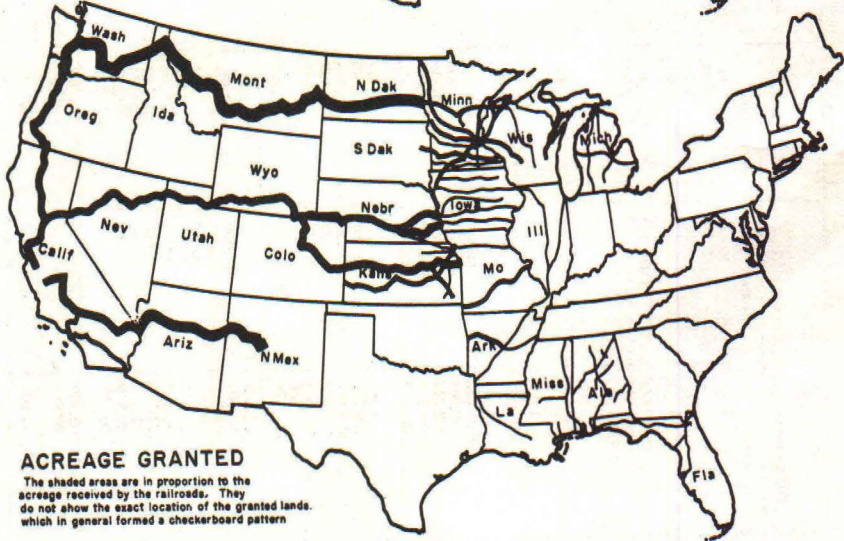
¹Does not include 91,139.47 acres previously reported as patented.²12,946.54 acres previously reported as patented.

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 1977

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		75,237
Idaho	1,291,163	11,749	4,940		270,036		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 years 1949-1950	363,466	24,868	18,287	1,138	7,662	4,235	419,656
Fiscal years 1951-1960	1,258,347	64,204	650,841	5,075	109,323	36,586	2,124,376
Fiscal years 1961-1970	2,103,335	44,578	893,114	559	498,973	30,663	3,571,222
Fiscal year 1971	111,375	3,398	36,633	160	14,058	6,605	172,229
Fiscal year 1972	92,492	1,516	32,106	100	31,057	3,810	161,081
Fiscal year 1973	127,587	1,921	34,703	80	35,863	2,845	202,999
Fiscal year 1974	71,313	1,996	20,971		28,042	4,825	127,147
Fiscal year 1975	49,579	49	21,170		5,641	4,506	80,945
Fiscal year 1976	19,815	302	15,629		7,365	4,028	47,139
Transition Period, July 1 - September 30, 1976	¹ 2,458		4,236			20	8,442
Fiscal year 1977	20,885		7,887		51,177	18,302	98,251
Grand Total	39,493,160	16,218,216	3,826,957	414,083	1,169,599	2,315,571	63,437,586

¹Includes 1,225.48 acres in Oklahoma: 763.97 acres reserved to the United States in trust, and 461.51 acres ½ undivided interest in all minerals reserved to the United States in trust.

Note—Data prior to 1949 tabulated for incomplete records; data after 1948 not maintained by States.

TABLE 18.—*Patents issued with minerals reserved to the United States, 1977*

Type of mineral reservation	Acres
(1)	(2)
Reservation of all minerals	120,885.14
Reservation of:	
Coal and oil	2,240.88
Coal, oil and gas	5,124.88
Coal, oil, gas and other minerals	5,716.95
Geothermal steam	636.42
Geothermal steam and other minerals	17,665.65
Oil and gas	7,886.99
Oil, gas and sodium	180.00
Oil, gas, sodium and potassium	37,653.84
Oil, gas, potash and sodium	260.00
Total	77,365.61
Grand Total	98,250.75

¹Includes 159.13 acres in Oklahoma as undivided 1/2 interest in all minerals.

TABLE 19.—*Original homestead entries allowed, 1977*

State	Sec. 2289 R.S.		Reclamation		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	3	480					3	480
Montana			¹ 10	1,280			10	1,280
Wyoming					² 2	439	2	439
Total	3	480	10	1,280	2	439	15	2,199

¹Includes 5 patents, 520 acres, on ceded Indian land, Flathead tribe.

²Desert lands.

TABLE 20.—*Final homestead entries approved, May 20, 1862—September 30, 1977*

Year	Number	Acres	Year	Number	Acres
1868—1870	10,778	1,379,116	1931—1935	20,501	6,233,399
1871—1975	53,737	6,215,783	1936—1940	19,533	6,783,129
1876—1880	97,722	11,670,439	1941—1945	2,830	764,204
1881—1885	95,158	12,630,327	1946—1950	1,215	156,904
1886—1890	115,264	16,330,272	1951—1955	1,845	220,458
1891—1895	116,178	16,602,473	1956—1960	1,628	221,680
1896—1900	110,593	15,275,647	1961—1965	901	117,821
1901—1905	144,121	19,812,927	1966—1970	399	49,108
1906—1910	130,430	19,005,358	1971—1975	368	41,217
1911—1915	189,553	35,407,653	1976	35	4,209
1916—1920	195,401	38,909,565	1976 (7-9/30/76) ..	9	1,200
1921—1925	119,949	29,463,379	1977	43	5,749
1926—1930	39,439	10,922,304	Total	1,467,630	248,229,321

TABLE 21.—*Final homestead entries approved, 1977*

State	Sec. 2289 R.S.		Reclamation		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	29	3,874	.....	.....	.....	.....	29	3,874
Idaho .....	.....	.....	1	40	.....	.....	1	40
Montana .....	.....	.....	110	1,280	.....	.....	10	1,280
South Dakota .....	.....	.....	.....	.....	21	116	1	116
Wyoming .....	.....	.....	.....	.....	32	439	2	439
Total	29	3,874	11	1,320	3	555	43	5,749

¹Includes 5 entries, 520 acres on ceded Indian land, Flathead Tribe.

²Act of April 24, 1820 (3 Stat. 566)

³Desert lands.

TABLE 22.—*Homestead entries patented, 1977*

State	Sec. 2289 R.S.		Enlarged		Reclamation		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	28	3,614	.....	.....	.....	.....	28	3,614
Idaho .....	.....	.....	.....	.....	1	40	1	40
Montana .....	.....	.....	.....	.....	110	1,280	10	1,280
Wyoming .....	.....	.....	.....	.....	7	989	7	989
Total	28	3,614	.....	.....	18	2,309	46	5,923

¹Includes 5 entries, 520 acres on ceded Indian lands, Flathead Tribe.

TABLE 23.—*Unperfected entries pending, 1977*

State	Desert land		Homestead		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage			118	16,799	19,379	169,351,213	9,497	169,368,012
Fairbanks			82	9,094	1,469	3,064,072	1,551	3,073,166
California	2	640					2	640
Idaho	73	21,681	7	856			80	22,537
Montana			376	8,169			76	8,169
Nevada	3	960	12	906	421	8,462	36	10,328
New Mexico			1	640			1	640
North Dakota			2	276			2	276
Oregon					46	1,717	6	1,717
South Dakota			15	1,159			15	1,159
Utah			1	320			1	320
Washington					2	241	2	241
Total	78	23,281	314	38,219	10,877	172,425,705	11,269	172,487,205

¹873 State selections, 92,036,313 acres; 234 homesites and headquarters sites, 782 acres; 113 trade and manufacturing sites, 7,226 acres; 4,098 native allotments, 457,150 acres; 871 village selections, 35,688,797 acres; 327 regional selections, 39,144,832 acres; 2,863 miscellaneous selections, 2,016,113 acres.

²591 State selections, 2,985,572 acres; 154 homesites and headquarters sites, 746 acres; 45 trade and manufacturing sites, 2,385 acres; 679 native allotments, 75,369 acres.

³Includes 33 ceded Indian land homesteads, 2,771 acres.

⁴Mineral entries.

TABLE 24.—*Unperfected homestead entries pending, 1977*

State	Sec. 2289 R.S.		Enlarged		Reclamation		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska:								
Anchorage	118	16,799					118	16,799
Fairbanks	82	9,094					82	9,094
Idaho					7	856	7	856
Montana					176	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
Utah					1	320	1	320
Total	202	26,693	1	320	111	11,206	314	38,219

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

TABLE 25.—Activity under Public Law 87-851 (Mining Claims Occupancy Act) September 30, 1977

Type of activity Total	Alaska	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon	Utah	Wash- ington	Wyoming	Total
Petitions (43 CFR 2551.1)	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Petitions pending September 30, 1976	.....	.....	.....	.....	1	.....	4	.....	1	.....	.....	1	7
Filed on lands administered by:													
Department of Interior:													
Bureau of Land Management	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Bureaus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Department of Agriculture:													
Forest Service	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other agencies:													
Federal Power Commission	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corps of Engineers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total petitions filed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Action taken:													
Claims believed invalid	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Claims not believed invalid	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petitioners not qualified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total petitions acted on	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petitions pending September 30, 1977	.....	.....	.....	.....	1	.....	4	.....	1	.....	.....	1	7

Applications (43 CFR 2551.2)													
Applications pending September 30, 1976 ...	2	55	5	8	2	4	1	1					78
Filed on lands administered by:													
Department of Interior:													
Bureau of Land Management													
Other Bureaus													
Department of Agriculture:													
Forest Service													
Other agencies:													
Federal Power Commission													
Corps of Engineers													
Total applications filed													
Action taken:													
Offers to convey an interest inlands applied for (43 CFR 2551.3)		1	1	1									3
Offers of alternate tracts													
Rejected by relinquishment or invalid declaration prior to Oct. 23, 1962					2								2
Rejected for other reasons		1	2		2								5
Total applications acted on		2	3	3	2								10
Applications pending September 30, 1970 ...	2	53	2	5		4	1	1					68

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

TABLE 26.—Land exchanges, 1977

Type of exchange by State	Number	Area received	Area patented
National Forest Exchanges¹			
Arizona	3	462.76	378.88
Arkansas	2	2,115.16	2,058.93
California	20	41,911.68	10,083.99
Colorado	2	7,647.85	3,713.95
Idaho	4	2,977.00	2,180.00
Michigan	1	40.00	40.00
Montana	2	794.98	1,086.59
Nevada	1	80.00	79.30
New Mexico	2	637.91	491.40
Oregon	1	240.00	237.80
South Dakota	1	1,247.01	123.54
Utah	2	2,394.00	2,344.00
Washington	1	6,701.68	7,636.02
Total National Forest Exchanges	42	67,250.03	30,454.40
Federal Land Policy and Management Act Exchanges²			
Arizona	2	95.63	205.00
California	1	80.00	53.02
Colorado	3	1,812.46	1,595.17
Idaho	2	4,610.00	5,044.00
Montana	1	320.00	196.64
Nevada	2	655.42	331.25
New Mexico	1	6,277.52	6,285.40
Oregon	5	37,111.62	35,579.94
Utah	3	17,700.00	14,321.00
Washington	3	2,179.02	512.83
Total Federal Land Policy & Management Act Exchanges	23	70,841.67	64,124.25
Other Exchanges			
California	3 ³	3,824.94	3,081.90
Nevada	4 ¹	120.00	10.00
Total Other Exchanges	4	3,944.94	3,091.90
Grand Total	69	142,036.64	97,670.55

¹Act of March 20, 1922 (42 Stat. 465) as amended.²Act of October 21, 1976 (90 Stat. 2756; 43 U.S.C. 1716 (1970)).³Includes 2 exchanges, 2,957.62 acres received, 2,957.62 acres patented under the Act of March 3, 1933 (47 Stat. 1487) as amended, and 1 exchange, 867.32 acres received, 124.28 acres patented under the Act of October 21, 1970 (84 Stat 1067, 16 U.S.C. 4601).⁴Act of October 15, 1966 (80 Stat. 926, 16 U.S.C. 688dd).

TABLE 27.—*Withdrawals and revocations, 1977*

Type of reservation by State		Withdrawals	Revocations
		Acres	Acres
New Mexico	Air navigation sites		130
Utah	Defense withdrawals		25
Wisconsin	Lighthouses		129
Utah	Reclamation projects	710	75
Alaska	National Forest additions and exclusions		304
California	Powersites		591
Idaho			800
Utah			7,662
Total powersites			9,053
Other withdrawals and revocations			
Alaska			159
Kansas		² 269	
New Mexico			³ 120,681
South Dakota			⁴ 60
Utah		⁵ 26,927	
Total other withdrawals and revocations		27,196	120,800
Grand total		27,906	130,516

¹Revocation of railroad withdrawals for selection of State under Public Land No. 5516.

²Withdrawal for Federal Penitentiary under Public Land Order No. 5605.

³Transfer of jurisdiction for Indian Tribe irrigation project under Public Land Order No. 5624.

⁴Modification of Public Land Order No. 1168 to withdraw certain forest lands from operation of the mining laws only—Public Land Order No. 5623.

⁵Withdrawal for protection of pristine environment (Deep Creek Area) under Public Land Order No. 5617.

Note: Land involved is gross acreage. No distinction is made between withdrawals from all forms of use and appropriation and withdrawals from only a particular type of use. Withdrawals may be superimposed upon existing withdrawals, i.e., a reclamation withdrawal upon a national forest withdrawal. When a withdrawal is revoked, some of the land may remain in earlier existing withdrawals. This table, therefore, is not intended to conform to tables elsewhere in this edition detailing existing acreage responsibilities of Federal Agencies. It is an indication of the volume and scope of the public land order process for the period of time covered.

Source: Public Land Order No. 5604 through Public Land Order No. 5591.

Attention: This Table does not include lands withdrawn under the Alaska Native Claims Settlement Act.

TABLE 28.—*Original and final desert land entries, March 3, 1877—September 30, 1977*

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	20,893	3,725,567	933,586	7,648	1,511,870	1,435,736
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	17,559	5,598,785	956,316	8,148	1,663,161	1,639,867
Total	165,348	34,126,936	8,221,980	58,225	10,854,591	10,483,595

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, 1917-1977

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
Total	165,712	70,362,925	4,371,963.67

¹Entered at the Washington, D.C. office

Note—Data in this table relate to actions taken under the act of December 29, 1916 (39 Stat. 863, 43 U.S.C. 291).

TABLE 30.—Original entries and selections allowed (acres), 1969–1977

State	Fiscal year									
	1969	1970	1971	1972	1973	1974	1975	1976	July 1– September 30, 1976	1977
Alaska	74,411	3,737	770	11,939	61,778	1,071,287	11,752,250	102,800,426	8,673	10,468,610
Arizona	183,767	89,682	10,464	13,704	4,278	4,490	308	6,031	1	2,697
California	152	2,048	3,230	796	38,036	4,718	3,337	176	41	33,267
Colorado .....	.....	372	305	.....	162	.....	.....	.....	.....	.....
Idaho	34,633	14,374	22,773	8,925	10,977	10,037	3,555	2,832	702	4,369
Montana .....	.....	456	.....	80	488	407	200	476	320	1,831
Nevada .....	.....	6,197	91	6,860	2,825	160	1,988	.....	.....	202
New Mexico	9,683	3,152	1,670	.....	53	.....	.....	.....	640	.....
North Dakota .....	.....	.....	.....	.....	.....	160	.....	.....	.....	.....
Oregon	206	.....	.....	.....	.....	199	.....	.....	.....	1,460
South Dakota .....	.....	.....	.....	80	160	161	.....	.....	.....	20
Utah	12,301	1,915	4,103	289	12,277	20	80	.....	.....	.....
Washington .....	.....	.....	.....	.....	325	.....	.....	100	.....	.....
Wyoming	4,061	2,210	4,108	2,094	812	80	.....	440	.....	439
Other States	96	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	319,310	124,143	47,514	44,767	132,171	1,091,719	11,761,718	102,810,481	10,377	10,517,895

TABLE 31.—*Small tract leases and sales, 1977*

State	Leases							Sales during fiscal year 1977	
	In effect September 30, 1976			Issued during fiscal year 1977		Terminated and expired during fiscal year 1977			
	Number	Acres	Rental	Number	Acres	Number	Acres	Number	Acres
Alaska:									
Anchorage ..	¹ 21	89	\$1,105.00						
Fairbanks ..	1	5							
Arizona ..	4	61	175.00						
California ..	² 16	37	1,579.00	4	11	11	16	2	2
Colorado ..	2	3	87.00					1	1
Idaho ..	³ 10	25	1,500.00						
Montana ..	8	29	1,079.00			3	12		
Nevada ..	⁴ 3	15	281.00	1	5				
New Mexico ..	1	7							
Oregon ..	32	46	6,496.00						
South Dakota ..	2	4	220.00						
Utah ..	12	60	935.00						
Wyoming ..	⁵ 11	41	2,165.00						
Total	123	422	15,622.00	5	16	14	28	⁶ 3	3

¹Includes 17 business sites leases, 69.40 acres.²Includes 1 business site lease, 5 acres.³Includes 1 business site lease, 5.20 acres.⁴Includes 2 business sites leases, 10 acres.⁵Includes 7 business sites leases, 22.07 acres.⁶Direct salesTABLE 32.—*Special land use permits in force, 1977*

State	Without rental		With rental		Total		Total rental
	Number	Acres	Number	Acres	Number	Acres	
Alaska:							
Anchorage ..	74	64,543	7	290	81	64,833	\$690.00
Fairbanks ..	22	40,771	6	3,487	28	44,258	188.00
Arizona ..	34	544	30	875	64	1,419	6,511.71
California ..	57	37,303	102	9,401	159	46,704	11,964.45
Colorado ..	29	9,205	45	692	74	9,897	8,094.50
Idaho ..	65	121,682	52	18,994	117	140,676	20,949.00
Montana ..	15	30,125	10	111	25	30,236	849.80
Nevada ..	41	89,549	51	35,583	92	125,132	8,661.95
New Mexico ..	47	2,308	87	2,386	134	4,694	17,273.90
Oregon:							
O&C lands ..	17	959	29	47	46	1,006	3,793.00
Public lands ..	12	38,168	20	255	32	38,423	5,180.50
South Dakota ..			1	2	1	2	46.00
Utah ..	89	861,201	59	36,851	148	898,052	5,402.00
Washington ..	9	28,079	3	1,200	12	29,279	1,755.00
Wyoming ..	107	13,604	166	4,347	273	17,951	8,997.00
Total	618	1,338,041	668	114,521	1,286	1,452,562	100,356.81

Note: See 43 CFR 2920.0-3

TABLE 33.—Miscellaneous leases in force, 1977

Type of lease by State	Number	Acres	Annual rental
Airport leases¹			
Alaska:			
Anchorage	86	1,719	.....
Fairbanks	34	14,652	\$595.00
California	10	3,350	197.85
Colorado	1	181	10.00
Idaho	4	677	30.00
Montana	4	58	20.00
Nevada	30	12,973	340.00
New Mexico	5	852	50.00
Oregon	3	132	13.33
Utah	5	1,944	50.00
Wyoming	3	860	30.00
Total airport leases	185	37,398	1,336.18
Mineral or medicinal springs leases²			
Alaska:			
Anchorage	1	520	100.00
Fairbanks	2	380	10.00
California	2	161	11.00
Total mineral or medicinal springs leases	5	1,061	121.00
Public works leases³			
Alaska:			
Fairbanks	2	11	130.00
California	3	48	10.00
Idaho	14	432	227.15
Oregon	1	4	60.93
Washington	1	1	.50
Wyoming	2	8	50.00
Total public works leases	23	504	478.58
Recreation and public purposes leases⁴			
Alaska:			
Anchorage	2	1,439	265.00
Fairbanks	5	212	92.25
California	70	7,202	2,751.62
Colorado	36	2,269	1,514.11
Idaho	53	5,449	1,543.45
Kansas	1	213	53.25
Montana	12	1,256	505.39
Nevada	64	5,209	4,564.34
New Mexico	59	12,320	2,145.27
North Dakota	1	40	10.00
Oregon	49	2,783	804.96
South Dakota	2	605	145.00
Utah	21	2,418	670.00
Washington	17	1,380	448.75
Wyoming	41	2,761	918.63
Total recreation and public purposes leases	433	45,556	16,432.02
Water well leases⁵			
Colorado	1	40	1,000.00
New Mexico	2	80	197.50
Utah	1	5	5.00
Wyoming	4	160	300.00
Total water well leases	8	285	1,502.50

TABLE 33.—Miscellaneous leases in force, 1977—Continued

Type of lease by State	Number	Acres	Annual rental
Other leases			
Arizona	⁶ 199	19,952	79,867.34
California	⁷ 365	12,024	133,711.79
Idaho	⁸ 8	20	262.00
Montana	⁸ 1	3	60.00
Nevada	⁸ 1	3	25.00
New Mexico	⁹ 2	609	609.00
Oregon	¹⁰ 12	43	928.50
Utah	⁸ 1	5	95.00
Wyoming	¹¹ 2	2,720	2,560.00
Total other leases	591	35,379	218,118.63
Grand Total	1,245	120,183	237,988.91

¹Act of May 24, 1928 (45 Stat. 728, 49 U.S.C. 211—214).

²Act of March 3, 1925 (43 Stat. 1123, 43 U.S.C. 972).

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

⁶Act of June 15, 1935 (49 Stat. 383) transferred to Bureau of Land Management: 112 leases (cabin sites), 25.58 acres, annual rental \$6,037.43; and 3 permits (concessions), 371.04 acres, annual rental \$29,555.25. Act of August 4, 1939 (53 Stat. 1187): 2 leases (non-pay use agreement), 197.24 acres; 3 leases (agricultural purpose), 504 acres, annual rental \$6,988.38; 5 leases (non-pay recreational), 16,267.89 acres; 1 lease (Quechan Tribe), 410.20 acres, rental \$5.00 every 5th year; 6 leases (Mohave County schools, hospital, and airport), 293.98 acres, annual rental \$45.00. Under Secretarial Order No. 2915 and Part 613 of the Departmental Manual: 67 permits, 1,882.51 acres, annual rental \$37,241.28.

⁷Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127): 109 leases, 242.42 acres, rental \$1,620.00 (includes 11 leases on annual rental (\$730.00) and rental for 2 leases paid in fiscal year 1977 on a one-time basis in the amount of \$890.00. Rental for the remaining leases has been previously reported). Act of June 15, 1935 (49 Stat. 383) transferred to Bureau of Land Management: 1 lease (concession), 75.60 acres, annual rental \$22,641.94; and 14 permits (cabins), 22 acres, annual rental \$2,088.65. Act of August 4, 1939 (53 Stat. 1187): 4 leases (non-payment recreation), 5,469 acres; and 1 lease (general purpose use), 475.40 acres, of which 1 lease is used for Quechan Tribe. Under Secretarial Order No. 2915 and Part 613 of the Departmental Manual: 5,740.40 acres, annual rental \$107,361.20.

⁸Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127).

⁹Uranium leases under Reorganization Plan No. 3 of July 16, 1946 (43 CFR 3500.03(b)(2), 60 Stat. 1099).

¹⁰Mining Claims Occupancy Act of October 23, 1962 (76 Stat. 1127): 11 leases, 41.65 acres, annual rental 828.50; and 1 lease (communication site), 1 acre, annual rental \$100.00.

¹¹Under Reorganization Plan No. 3 of July 16, 1946 (60 Stat. 1099): 1 Bentonite lease, 160 acres (royalty); and 1 uranium lease, 2,560 acres, annual rental \$2,560.00.

PART 2

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

FOREST MANAGEMENT

The Bureau of Land Management is responsible for the management, development, and protection of more than 23 million acres of commercial forest land (tables 34 and 35).

Of the total, 1,991,000 acres in western Oregon are generally recognized to be one of the Nation's most productive and valuable commercial forest properties. During 1977 approximately 1,162,595 MBF of timber, valued at \$205 million, were sold (table 38).

Over 1 billion board feet of timber, valued at more than \$209 million, were sold from the public lands during 1977 (table 42).

Reforestation accomplishments totaled 27,604 acres planted and seeded during 1977 (table 47).

DEFINITIONS OF TERMS

Allowable cut:

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

Access roads:

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

Commercial forest land:

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

Cord:

A standard unit of measurement of round or split wood filling a stack 4 x 4 x 8 feet and occupying approximately 128 cubic feet, commonly used in measuring fuel or pulpwood.

Forest cover:

All trees and other woody plants in the forest.

Master unit:

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

MBM or MBF of M bd. ft.:

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 merchandized.

Producing capacity:

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

Right-of-way:

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

Sawtimber:

Trees that will yield logs suitable in size and quality for the production of lumber.

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.

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, either by annual or somewhat longer periods.

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.

TABLE 34.—Estimated area and producing capacity of forest and woodlands administered by the Bureau of Land Management on public lands, 1977

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	19,500,000	25,000,000	72,000	71,300,000	NA	NA	90,800,000	25,000,000	72,000
Arizona	24,800	19,020	NA	915,000	740,000	148	939,800	759,020	148
California	231,148	2,234,671	39,600	786,064	103,040	859	1,017,212	2,337,711	40,459
Colorado	349,993	1,362,536	18,834	2,268,070	6,905,400	38,800	2,618,063	8,267,936	57,634
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	905,400	6,200	1,033,600	3,954,000	28,200
New Mexico	39,400	41,666	608	1,953,300	2,132,000	10,700	1,992,700	2,173,666	11,308
Nevada	620	1,240	5	6,849,409	2,697,690	26,810	6,850,029	2,698,930	26,815
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	729	5,697,173	4,143,161	75,319	5,767,712	4,255,610	76,048
Washington	38,000	182,300	4,000	22,700	14,000	900	60,700	196,300	4,900
Wyoming	334,109	954,083	13,526	346,870	7,600	900	680,979	961,683	14,426
Total	21,680,709	37,961,365	226,702	91,558,486	18,356,591	170,836	113,239,195	56,317,956	397,538

NA—Not Available.

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

TABLE 35.—Area of O & C revested lands, 1977

County	O & C ¹ lands ¹	Contro-verted 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 Cong. 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.

PUBLIC LAND STATISTICS WESTERN OREGON

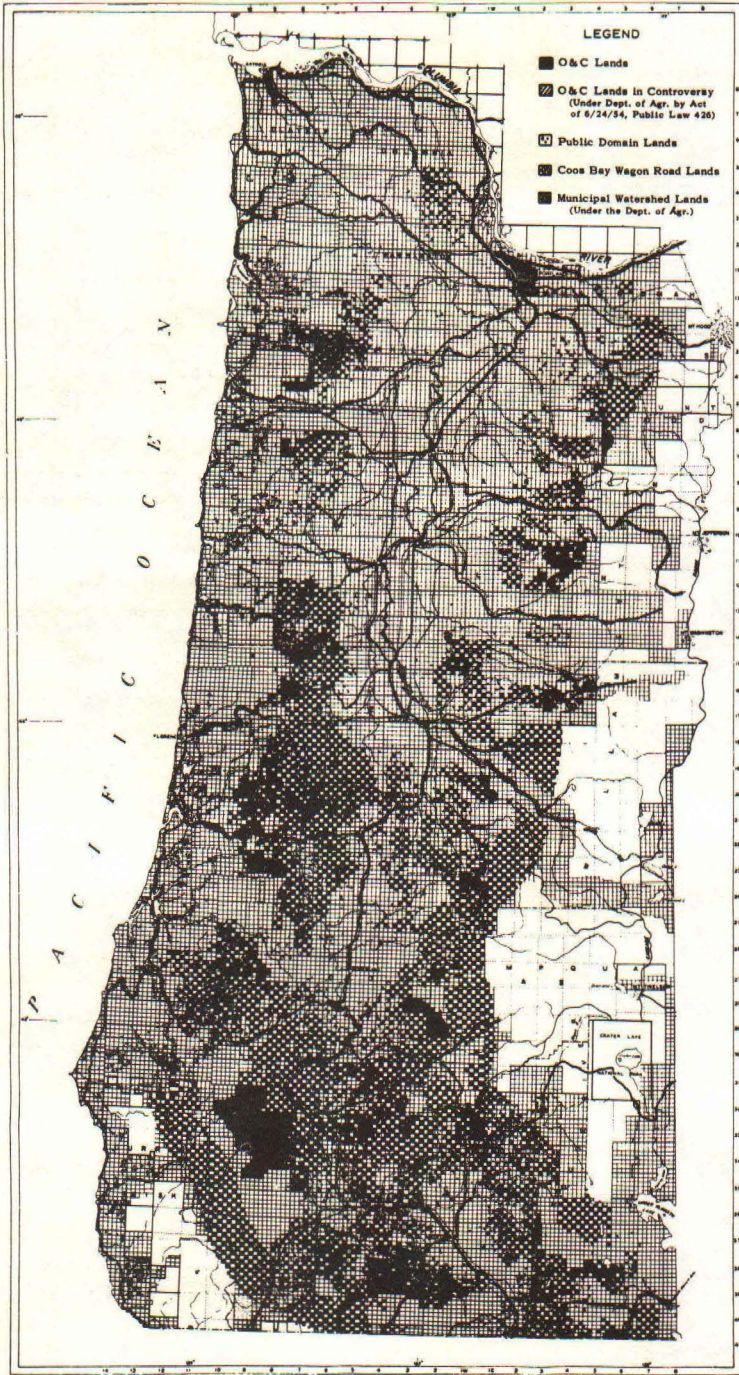


TABLE 36.—Area, cover, and allowable cut on western Oregon lands, 1977

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		
	Acres	Acres	Acres	Acres	Acres	MM bd. ft.	MM bd. ft.
Coos Bay:							
South Coast	264,000	11,000	47,000	19,000	330,000	10,205	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	356,000	21,500	57,000	11,000	424,000	7,772	146
Klamath	71,000	1,500	21,000	2,000	94,000	1,334	25
Total Medford district ..	690,000	25,000	194,000	28,000	912,000	13,386	274
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 ...	1,991,000	49,500	314,000	86,000	2,391,000	50,024	1,172

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

⁴Includes all timber greater than 11 inches DEH 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 productive 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, 1977*

State	Sawtimber MBF	Cords MBF	Posts MBF	Poles MBF	Other MBF	Total volume MBF	Value of timber products
Alaska	50	.....	.....	.....	4	54	\$494.80
Arizona .....	.....	8	3	.....	.....	11	87.60
California	14,333	.....	.....	.....	.....	14,333	2,256,556.08
Colorado	9,729	1,628	272	.....	54	11,683	187,505.75
Idaho	12,308	12	.....	.....	.....	12,320	860,025.86
Montana	2,224	.....	.....	.....	.....	2,224	133,123.28
Oregon:							
Western	1,159,827	163	.....	2	.....	1,159,992	204,841,898.78
Eastern	11,647	.....	.....	.....	.....	11,647	1,156,547.40
Utah	1,002	85	.....	.....	.....	1,087	1,143.88
Washington	2,769	6	.....	.....	.....	2,775	213,599.66
Wyoming	2,820	.....	.....	.....	.....	2,820	47,322.30
Total	1,216,709	1,902	275	2	58	1,218,946	209,698,305.39

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 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 38.—*Timber dispositions by species in western Oregon, 1977*

Species	Sawtimber MBF	Other MBF	Total Volume MBF	Total Value
California black oak .....	.....	1	1	\$4.00
Chinquapin	18	.....	18	92.80
Douglas fir	944,158	15	944,173	180,879,114.80
Engelmann spruce	1	.....	1	17.10
Grand fir	9,828	.....	9,828	522,036.81
Incense cedar	13,632	1	13,633	2,049,009.16
Lodgepole pine	1	30	31	393.00
Madrone	1	33	34	139.00
Maple	1,907	.....	1,907	25,905.55
Mount hemlock	32	.....	32	2,191.70
Noble fir	1,768	.....	1,768	90,986.50
Other hardwood	44	.....	44	319.85
Pacific silver fir	845	.....	845	43,806.95
Ponderosa pine	21,084	.....	21,084	2,554,449.15
Portland oxford cedar	1,931	.....	1,931	783,011.92
Red alder	3,733	100	3,833	58,345.45
Shasta red fir	113	.....	113	10,506.85
Sitka spruce	609	.....	609	5,219.51
Sugar pine	28,984	.....	28,984	5,658,127.15
Tan oak	298	.....	298	6,824.20
Western hemlock	78,974	.....	78,974	5,989,663.48
Western larch	749	6	755	44,694.96
Western red cedar	29,068	13	29,081	4,191,059.17
Western white pine	98	.....	98	7,529.53
White fir	24,719	.....	24,719	2,131,958.85
Total	1,162,595	199	1,162,794	205,055,407.44

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 dispositions by species on public lands, 1977*

Species	Sawtimber MBF	Other MBF	Total volume MBF	Total value
Alpine fir	326		326	\$7,807.60
Douglas fir	74,559		74,559	12,890,099.32
Engelmann spruce	593		593	27,640.34
Grand fir	4,906		4,906	250,607.96
Incense cedar	403		403	59,568.71
Knobcone pine		8	8	30.00
Limber pine	2		2	226.12
Lodgepole pine	16,278	998	17,276	435,963.14
Maple	118		118	1,619.20
Noble fir	144		144	2,994.00
Other hardwood	37		37	283.25
Other softwood		1	1	70.00
Pacific silver fir	41		41	666.50
Pinon pine		1,380	1,380	9,137.65
Ponderosa pine	12,098	24	12,122	1,327,591.18
Portland oxford cedar	672		672	269,986.45
Red alder	1,278		1,278	17,695.90
Shasta red fir	13		13	599.95
Sitka spruce	595		595	4,729.61
Sugar pine	2,572		2,572	399,077.79
Tan oak	298		298	6,824.20
Western hemlock	9,843		9,843	679,494.82
Western juniper		161	161	947.87
Western larch	2,413	6	2,419	169,221.19
Western red cedar	3,328	20	3,348	433,872.00
Western white pine	485		485	54,011.30
White fir	4,333		4,333	227,775.70
White spruce	25	2	27	244.80
Total	135,360	2,600	137,960	17,278,786.55

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, 1977

State	Regular sales ¹				Set-aside sales ²				Total sales		
	Volume MBF		Sale price	Average price per M	Volume MBF		Sale price	Average price per M	Volume MBF	Sale price	Average price per M
	Depletable	Non-depletable			Depletable	Non-depletable					
Alaska		54	\$494.80	\$9.16				54	\$494.80	\$9.16	
Arizona											
California	10,113	4,219	2,256,556.08	157.45				14,332	2,256,556.08	157.45	
Colorado	14,146	814	284,694.00	19.03				14,960	284,694.00	19.03	
Idaho	8,268	4,052	860,025.85	69.81				12,320	860,025.85	69.81	
Montana	2,003	49	130,388.70	63.54				2,052	130,388.70	63.54	
Oregon:											
Western	949,390	5,908	170,758,087.01	178.75	204,642	\$34,091,097.35	\$166.59	1,159,940	204,849,184.36	176.60	
Eastern	7,712	3,935	1,156,547.40	99.30				11,647	1,156,547.40	99.30	
Utah		1,087	1,143.88	1.05				1,087	1,143.88	1.05	
Washington	2,732	43	213,599.66	76.97				2,775	213,599.66	76.97	
Wyoming	80	2,740	47,322.30	16.78				2,820	47,322.30	16.78	
Total	994,444	22,901	175,708,859.68	176.69	204,642	34,091,097.35	166.59	1,221,987	209,799,957.03	171.69	

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 1966, 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 the former "salvage timber" designation.

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 41.—*Timber sales, by master units, in western Oregon, 1977*

District and Master Unit	Volume MBF	Number	Value
Coos Bay:			
South Coast	236,717	158	44,510,789.07
Eugene:			
Siuslaw	111,519	139	21,831,670.90
Upper Willamette	102,893	95	20,421,596.20
Total Eugene District	214,412	234	42,253,267.10
Medford:			
Jackson	112,461	209	15,793,814.75
Josephine	144,705	226	21,984,777.24
Klamath	21,218	19	2,669,965.15
Total Medford District	278,384	454	40,448,557.14
Roseburg:			
Douglas	146,006	217	22,386,849.95
South Umpqua	44,041	48	6,689,325.60
Total Roseburg District	190,047	265	29,076,175.55
Salem:			
Alsea-Rickreall	80,120	66	19,680,629.96
Clackamas-Molall	38,981	40	6,176,359.25
Columbia	74,192	100	14,154,029.46
Santiam River	47,167	43	8,542,091.25
Total Salem District	240,460	249	48,553,109.92
Grand Total	1,160,020	1,360	204,841,898.78

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.—Timber sales on public lands, 1977

	Regular sales ¹			Set-aside sales ²					
	Volume MBF	Number	Value	Volume	Number	Value	Volume MBF	Number	Value
Alaska	54	5	\$494.80				54	5	\$494.80
Arizona									
California	14,331	30	2,256,556.08				14,331	30	2,256,556.08
Colorado	14,960	41	284,694.00				14,960	41	284,694.00
Idaho	12,320	14	860,025.85				12,320	14	860,025.85
Montana	2,052	7	130,388.70				2,052	7	130,388.70
Oregon:									
Western	955,298	1,326	170,758,087.01	204,642	42	\$34,091,097.35	1,159,940	1,368	204,849,184.36
Eastern	11,647	17	1,156,547.40				11,647	17	1,156,547.40
Utah	1,087	2	1,143.88				1,087	2	1,143.88
Washington	2,775	6	213,599.66				2,775	6	213,599.66
Wyoming	2,820	3	47,322.30				2,820	3	47,322.30
Total	1,017,344	1,451	175,708,859.68	204,642	42	34,091,097.35	1,221,986	1,493	209,799,957.03

¹"Regular sales", as used in this table, means all timber sales 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 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 includes only timber sold (not necessarily cut) during the fiscal year 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, 1977

State	Permits number	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	103	111	254			2	252	619	\$21,769.36	\$23,469.00	\$45,238.36
Arizona	263		378		2			380	1,283.90	23.00	1,306.90
California	48		98	49				147	1,604.50		1,604.50
Colorado	658		483	2				485	2,940.00	617.10	3,557.10
Idaho	86		177					177	353.00		353.00
Idaho	55	36	176	45				257	1,068.50		1,068.50
Montana	5		14					14	55.00	2,700.00	2,755.00
Nevada	5		168					168	321.00		321.00
New Mexico	87										
Oregon:											
Western ¹	3	2	13			1		16	221.50	2.00	223.50
Eastern ²	124		534					534	669.50		669.50
South Dakota	39		133					133	132.00		132.00
Utah	3,133		4,619	8				4,627	28,770.00	892.00	29,662.00
Washington	2	18	3					21	1,265.00		1,265.00
Washington	3		25					25	50.00	11.00	61.00
Wyoming	3										
Total	4,609	167	7,075	106	3	252	7,603	60,503.26	27,714.10		88,217.36

¹Western Oregon includes the revested O & C lands, the reconveyed Coos Bay Wagon Road lands, and public lands west of Range 9E, Willamette Meridian.

²Eastern Oregon includes the public lands east of Range 8E, Willamette Meridian.

Note.—Free use timber permits are issued under the acts of June 30, 1978 (20 Stat. 88); March 3, 1891 (26 Stat. 1093); and July 21, 1947 (61 Stat. 681).

TABLE 44.—Free use timber permits issued by species, 1977

Species	Permits	Timber granted					Total Volume Timber Granted	Value of Timber Granted
		Sawtimber MBF	Cords MBF	Posts MBF	Poles MBF	Other MBF		
Ash	26		113				113	\$ 112.50
Aspen	1		3				3	12.00
Black spruce	7		32			5	37	629.36
Cons fuelwood	1,146		2,421			33	2,454	13,714.50
Douglas fir	5	20	24		1		45	1,488.60
Engelmann spruce	3		9				9	15.00
Incense cedar	1							5.40
Juniper	294		866	59			925	4,929.90
Knobcone pine	24		51				51	202.00
Lodgepole pine	25	36	61	5		40	142	979.50
Other softwood	58	11	100		2	202	315	13,096.00
Pinon pine	1,702		3,200	1			3,201	21,044.50
Ponderosa pine	43		160	1			161	445.00
White birch	2		13				13	480.00
White spruce	6	100	22			12	134	3,349.00
Total	3,343	167	7,075	66	3	292	7,603	60,503.26

TABLE 45.—Sales of nontimber forest products in western Oregon, 1977

Material	Unit	Quantity Sold	Individual Sales	Total Sale Price
Marginal logs	Bd. Ft.	366,000	8	6,341.70
Total			8	6,341.70

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

TABLE 46.—Sales of nontimber forest products and other vegetal materials on public lands, 1977

Material	Unit	Quantity Sold	Individual Sales	Total Sale Price
Boughs	Pounds	1,500	1	\$ 15.00
Christmas trees	Each	10,167	5,170	12,111.05
Hay	Tons	12,954	12	201,048.62
Marginal logs	Bd. Ft.	366,000	8	6,341.70
Wildings	Each	115	2	172.50
Total			5,193	219,688.87

TABLE 47.—*Forest Development Accomplishments, 1976*

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	
California		776	40	.....	.....	.....	8	.....	288	100	.....
Colorado		25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana		203	.....	.....	.....	.....	.....	.....	343	.....	.....
New Mexico .....		.....	.....	.....	95	.....	.....	.....	.....	95	.....
Oregon .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Western	230	26,293	11,834	1,254	20,564	138	24	.....	6,053	1,756	50
Eastern .....	.....	40	38	.....	.....	.....	.....	.....	22	122	.....
Wyoming .....	.....	37	70	.....	.....	.....	.....	.....	15	146	.....
Total	230	27,374	11,982	1,254	20,659	138	32	.....	6,721	2,219	50

Reported in acres.

PART 2

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, BLM 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, 51, 52).

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 1977, 364 recreation sites had been developed on all BLM 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 BLM's urban program which orients and increases recreation opportunity where the people are. The urban program will focus BLM'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 BLM'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, BLM 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 BLM'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 BLM State Office and State wildlife agencies.

DEFINITIONS OF TERMS

Archaeological and historical site:

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

Family Unit:

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

Recreation Lands:

A tract of public land (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 visit:

A visit to lands and waters under the jurisdiction of the Bureau of Land Management by a person for the purpose of engaging in any activities except those which are part of or incidental to the pursuit of a gainful occupation, whether for a few minutes or for a full 24-hour day.

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.

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 non-amphibious 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.

TABLE 48.—*Recreation and Public Purposes Act leases in force for recreation and wildlife purposes, 1977*

State	To State		To counties and cities		To nonprofit organizations		Annual rental
	Number	Acres	Number	Acres	Number	Acres	
Alaska	1	40	.....	.....	4	172	\$ 56.00
Arizona .....	.....	.....	3	1,762	3	96	670.75
California .....	.....	.....	8	2,276	10	489	1,520.00
Colorado	2	130	9	1,486	2	240	715.00
Idaho	6	1,607	3	550	3	470	742.26
Kansas .....	.....	.....	1	5	.....	.....	53.25
Minnesota .....	.....	.....	1	1	.....	.....	10.00
Montana	4	717	5	211	3	330	505.39
Nevada	6	1,509	47	2,694	9	970	4,544.34
New Mexico .....	.....	.....	56	10,917	3	1,404	2,156.00
North Dakota .....	.....	.....	1	40	.....	.....	10.00
Oregon	3	268	22	1,373	1	25	510.39
South Dakota	1	600	.....	.....	1	5	145.00
Utah	2	1,431	5	562	.....	.....	496.00
Washington	14	1,370	1	1	.....	.....	446.10
Wyoming	4	906	8	779	7	723	727.45
Total	43	8,578	170	22,657	46	4,924	13,307.93

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, 1977*

State	Number of sites	Developed acres	Number of family units			Total
			Camping	Picnic (day use)	Trailer space ¹	
Alaska	24	10,882	204	16	(154)	220
Arizona	16	1,282	1,073	151	(703)	1,224
California	60	5,809	2,774	214	(1,189)	2,988
Colorado	12	560	74	47	(69)	121
Idaho	13	306	121	83	(91)	204
Montana	6	119	145	44	(140)	189
Nevada	8	241	131	74	(102)	205
New Mexico	22	1,010	153	19	(119)	172
Oregon	110	1,032	772	636	(395)	1,408
South Dakota	20	10	.....	20	.....	20
Utah	37	1,690	167	160	(40)	327
Washington	4	2	.....	3	.....	3
Wyoming	32	160	26	29	(5)	55
Total	364	23,103	5,640	1,496	(3,007)	7,136

¹Included in camping units.

Note.—Estimated data.

TABLE 50.—Estimated reaction visits to public lands under the jurisdiction of BLM, 1977

Units	Camping	Picnicking	Fishing	Hunting	Sightseeing	Water sports	Winter sports	Off-road vehicles	Other	Total
Alaska:										
Anchorage	2,200,000	457,000	1,895,000	1,153,000	2,387,000		650,000			8,742,000
Fairbanks	38,000	20,000	25,000	18,000	40,000				1,000	162,000
Arizona	115,000	57,000		326,000	31,753,000	13,000	12,000	3,000	95,000	32,454,000
California	573,000	269,000	205,000	862,000	2,178,000	203,000	100,000	1,122,000	472,000	5,984,000
Colorado	674,000	648,000	789,000	569,000	4,015,000	64,000	53,000	546,000	232,000	7,590,000
Idaho	142,000	140,000	1,565,000	266,000	215,000	122,000	63,000	104,000	40,000	2,657,000
Michigan	26,000	254,000	795,000	254,000	510,000	765,000			18,000	2,622,000
Minnesota	10,000	102,000	306,000	102,000	204,000	306,000			10,000	1,040,000
Montana	201,000	113,000	243,000	112,000	362,000	37,000	44,000	105,000	64,000	1,281,000
Nevada	113,000	55,000	55,000	176,000	18,753,000	10,000	1,000	351,000	37,000	19,551,000
New Mexico	170,000	278,000	190,000	216,000	2,072,000	6,000	2,000	104,000	562,000	3,600,000
North Dakota				2,000	1,000					3,000
Oregon	405,000	243,000	795,000	816,000	16,793,000	299,000	100,000	259,000	119,000	19,829,000
South Dakota	48,000	57,000	2,000	15,000	56,000		1,000	1,000	1,000	181,000
Utah	227,000	254,000	121,000	267,000	3,054,000	131,000	20,000	247,000	199,000	4,520,000
Washington	37,000	39,000	59,000	19,000	212,000	7,000		5,000		378,000
Wisconsin	20,000	204,000	612,000	204,000	408,000	612,000	15,000			2,075,000
Wyoming	294,000	439,000	268,000	317,000	29,579,000	108,000	40,000	646,000	125,000	31,816,000
Total	5,293,000	3,629,000	7,925,000	5,694,000	112,592,000	2,688,000	1,101,000	3,588,000	1,975,000	144,485,000

TABLE 51.—Estimated recreation visitor days on public lands under the jurisdiction of BLM, 1977

Units	Camping	Picnicking	Fishing	Hunting	Sightseeing	Water sports	Winter sports	Off-road vehicles	Other	Total
Alaska:										
Anchorage	880,000	183,000	758,000	461,000	954,000	.....	260,000	.....	.....	3,496,000
Fairbanks	30,000	3,000	13,000	24,000	7,000	8,000	4,000	1,000	1,000	91,000
Arizona	426,000	11,000	.....	142,000	2,786,000	4,000	.....	64,000	298,000	3,731,000
California	623,000	159,000	104,000	421,000	700,000	98,000	20,000	741,000	1,949,000	4,815,000
Colorado	896,000	504,000	406,000	562,000	1,285,000	35,000	52,000	717,000	307,000	4,764,000
Idaho	359,000	139,000	4,618,000	264,000	207,000	122,000	63,000	103,000	41,000	5,916,000
Michigan	26,000	85,000	265,000	127,000	126,000	382,000	.....	.....	5,000	1,016,000
Minnesota	10,000	33,000	102,000	51,000	51,000	153,000	.....	.....	3,000	403,000
Montana	403,000	61,000	287,000	232,000	227,000	58,000	35,000	105,000	23,000	1,431,000
Nevada	131,000	89,000	69,000	132,000	46,033,000	12,000	2,000	412,000	15,000	46,895,000
New Mexico	275,000	104,000	264,000	272,000	481,000	2,000	2,000	52,000	162,000	1,614,000
North Dakota .....	.....	.....	.....	2,000	1,000	.....	.....	.....	.....	3,000
Oregon	695,000	131,000	591,000	669,000	897,000	88,000	53,000	79,000	55,000	3,258,000
South Dakota	7,000	29,000	3,000	28,000	44,000	.....	1,000	5,000	1,000	118,000
Utah	274,000	137,000	106,000	320,000	1,192,000	87,000	17,000	159,000	224,000	2,516,000
Washington	42,000	6,000	59,000	13,000	212,000	2,000	.....	15,000	.....	349,000
Wisconsin	20,000	68,000	204,000	102,000	102,000	306,000	.....	.....	4,000	806,000
Wyoming	398,000	208,000	254,000	285,000	8,409,000	54,000	30,000	575,000	42,000	10,255,000
Total	5,495,000	1,950,000	8,103,000	4,107,000	63,714,000	1,411,000	539,000	3,028,000	3,130,000	91,477,000

TABLE 52.—Outdoor recreation inventories completed, 1977

State	Archeological and historical sites under BLM jurisdiction							Lakes and reservoirs						
	Total as of end of Sept. 30, 1976		Total during current F.Y.		Total to date		% Completed	Total as of end of Sept. 30, 1976		Total during current F.Y.		Total to date		% Completed
	Number	Acres	Number	Acres	Number	Acres		Number	Acres	Number	Acres	Number	Acres	
Alaska	28	667,612			28	667,612		12	284,000			12	284,000	
Arizona	984	120,520	1,072	3,036	2,056	123,556	33	3	400			3	400	100
California	2,366	313,275	1,753	85,126	4,119	398,401	81	43	58,725	1	415	44	59,140	
Colorado	3,374	765,342	5,026	150,000	8,400	915,342	75	918	21,579	396	1,014	1,344	22,593	55
Idaho	548	7,168	1,994	25,922	2,542	33,090	20	72	380,663			72	380,663	100
Montana	229	39,843			229	39,843	35	2,444	65,964			2,444	65,964	75
Nevada	1,631	54,628	1,532	23,513	3,163	78,141		30	180,980	19	2,104	49	183,084	
New Mexico	3,670	21,280			3,670	21,280	20							
Oregon	1,582	18,761	535	187,584	2,117	206,345	52	122	1,022	39	39,326	161	40,348	100
South Dakota	2	5,000			2	5,000	75	12	400			12	400	100
Utah	2,170	94,318	748	2,165	2,918	96,483	70	42	35,923	2	40,000	44	75,923	100
Washington	94	1,332	17	31	111	1,363	100	16	2,200	15	3,776	31	5,976	100
Wyoming	1,451	190,329	529	152,437	1,980	342,766	97	2,797	35,744	133	1,080,835	2,930	1,116,579	
Total	18,129	2,299,408	13,206	629,814	31,335	2,929,222		6,511	1,067,600	605	1,167,470	7,146	2,235,070	

TABLE 52.—Outdoor recreation inventories completed, 1977—Continued

State	Rivers and streams							Shoreline of rivers, lakes and reservoirs under BLM jurisdiction						
	Total as of end of Sept. 30, 1976		Total during current F.Y.		Total to date		% Completed	Total as of end of Sept. 30, 1976		Total during current F.Y.		Total to date		% Completed
	Number	Miles	Number	Miles	Number	Miles		Number	Miles	Number	Miles	Number	Miles	
Alaska	11	722	.....	.....	11	722	.....	10	550	.....	.....	10	550	.....
Arizona	3	53	.....	.....	4	57	50	4	86	.....	.....	4	86	50
California	132	195	11	7	43	202	.....	77	509	1	10	78	519	.....
Colorado	529	4,876	215	810	744	5,686	.....	218	4,831	30	81	248	4,912	.....
Idaho .....	.....	4,250	.....	.....	.....	4,250	100	.....	1,368	.....	.....	.....	1,368	100
Montana	415	1,344	.....	.....	415	1,344	90	609	1,067	.....	.....	609	1,067	85
Nevada	67	962	56	3,812	123	4,774	22	188	181,538	37	139	225	181,677	22
New Mexico	14	146	.....	.....	14	146	100	11	121	.....	.....	11	121	100
Oregon	91	3,750	301	1,051	392	4,801	100	112	3,107	254	1,877	366	4,984	100
South Dakota	10	40	.....	.....	10	40	50	.....	.....	.....	.....	.....	.....	.....
Utah	89	1,625	.....	.....	89	1,625	91	75	1,805	1	7	76	1,812	96
Washington	2	12	.....	.....	2	12	100	3	23	.....	.....	3	23	100
Wyoming	173	11,819	105	787	278	12,606	96	53	4,096	203	202	256	4,298	88
Total	1,436	29,794	689	6,471	2,125	36,265	.....	1,360	199,101	526	2,316	1,886	201,417	.....

¹Adjusted.

TABLE 53.—*Estimated miles or acres of existing fishing streams, lakes and reservoirs on public lands, 1977*

State	Lakes	Reservoirs	Miles of stream	Riparian	Wetland
	acres	acres	miles	acres	acres
Alaska	4,700,000	1,000	250,000	9,900,000	12,000,000
Arizona	1,050	15,890	310	11,800	2,400
California	54,081	2,148	654	52,737	68,130
Colorado	6,799	18,482	1,450	60,214	10,677
Idaho	¹ 135,078	¹ 38,845	3,415	54,909	5,868
Montana	5,541	¹ 18,848	536	67,781	12,000
Nevada	29,209	² 3,421	1,150	62,175	55,000
New Mexico	² 292	2,221	165	10,160	5,200
Oregon	4,928	¹ 21,383	6,936	101,805	44,120
Utah	¹ 112	9,093	2,511	79,888	17,833
Wyoming	24,610	22,477	1,874	21,958	120,000
Total	4,955,700	153,808	269,001	10,423,427	12,341,228

¹Only BLM ownerships included, 1976 estimates included waters that also adjoined BLM lands.

²Acres of wetland were included in 1976 statistics for reservoirs; also there was some reduction in surface acreage due to 1977 drought.

³Reduced acreage from 1976 is primarily due to the fact that some of the acreage previously reported as lakes was reclassified as either wetlands or was included in surface acres of reservoirs.

⁴Reduced acreage from 1976 is because water source for Sever dry lake was diverted for irrigation purposes and because of drought conditions during 1977.

TABLE 54.—*Estimated pounds of commercial fish spawned or produced on public lands and harvested during 1977.*

State	Pounds of fish
Alaska	¹ 10,000,000
California	800,000
Nevada	284,989
Oregon	1,454,900
Total	12,539,889

¹Data furnished by Alaska Department of Fish and Game reported that fish catch was down from 1976.

TABLE 55.—*Estimated acres of important game and waterfowl habitat on public lands, 1977.*

State	Big game	Small game	Waterfowl
Alaska	262,000,000	262,000,000	93,000,000
Arizona	9,898,000	11,387,000	2,800
California	3,242,000	13,028,000	176,790
Colorado	8,144,187	² 8,235,404	247,395
Idaho	9,379,000	¹ 11,025,469	281,545
Montana	³ 9,980,400	² 32,972,842	322,013
Nevada	² 25,311,364	² 51,256,959	333,634
New Mexico	9,604,000	11,005,441	99,960
Oregon	¹ 14,176,816	¹ 11,705,816	81,162
Utah	² 20,135,975	² 20,685,000	238,627
Wyoming	16,629,341	14,755,124	139,000
Total	382,501,083	418,057,055	93,532,926

¹40,000 acres lost due to drought conditions.

²Acreage increases due to improved inventory of public lands.

³Reductions in acreage from 1976 due to more definitive inventory of wildlife habitat; as to waterfowl habitat, 1977 drought also reduced acreage of available habitat.

TABLE 56.—Estimated numbers of big game animals using public lands, 1977

State	Antelope	Barbary sheep	Bear	Bighorn sheep	Buffalo	Caribou	Deer	Elk	Javelina	Moose	Mountain goat	Total
Alaska .....	.....	.....	70,000	35,000	600	¹ 230,000	40,000	600	.....	¹ 80,000	¹ 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	4100	.....	.....	.....	153,990
New Mexico	24,500	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	350	74,030	45,290	777	230,000	1,196,739	104,283	3,450	82,151	8,235	1,944,142

¹Decline due to improved population inventory techniques by Alaska Department of Fish and Game; in the case of the moose and mountain goats, declining harvest figures indicate decline in population.

²Difference in 1976 and 1977 population data due to changes in population estimates provided by State wildlife agencies.

TABLE 57.—Wildlife habitat improvements, 1977

State	Fence Modifications	Pro- tective Fencing	Pre- scribed Burning	Plant- ing, Seeding	Disking Chain- ing	New Water Facilities	Water Facilities Improved	Dens & Nests Facilities
	Number	Miles	Acres	Acres	Acres	Number	Number	Number
Alaska ²	1	1	1	1	1	16	22	12
Arizona	1	1	1	1	1	4	4	29
California	100	34	500	695	1	39	11	261
Colorado	100	4	1	118	360	24	20	46
Idaho	18	41	1	1	1	24	20	20
Montana	7	5	1	1	1	1	21	73
Nevada	18	24	1	6,760	2,300	26	220	6
New Mexico	7	3	1	1	1	72	129	34
Oregon	1	33	70	42	10	73	152	34
Utah	17	2	200	350	2,300	34	30	34
Wyoming	1	6	1	4	1	26	6	14
Total	145	153	772	7,970	4,971	315	611	529

State	Perch & Roost Structures	Instream Stabili- zation	Instream Structures	Spawning Bed Development	Barrier Removal	Wetland Improve- ments	Meadow Develop- ment	Habitat ¹ Improved	
	Number	Shoreline Miles	Number	Acres	Number	Acres	Acres	Acres	Miles
Alaska ²	2	1	1	1	1	40	200	1	1
Arizona	6	1	1	1	1	1	79,577	4	4
California	3	1	8	10	1	1	60,514	30	30
Colorado	3	1	1	1	1	1	453,735	4	4
Idaho	5	1	1	1	1	1	29,160	84	84
Montana	11	1	297	1	100	1	228,831	317	317
Nevada	6	1	1	1	1	5	37,928	89	89
New Mexico	10	4	26	1	7	12	40,917	62	62
Oregon	10	1	119	1	1	1	780,803	61	61
Utah	10	1	18	1	1	6	65,636	59	59
Wyoming	10	1	18	1	1	6	65,636	59	59
Total	42	15	468	10	107	63	362	1,807,876	711

Note.—This table provides an overview of habitat improvements on the public lands in 1977. It is not an all exclusive breakdown of the improvements, but it does show the general nature and extent of such improvements.

¹This column represents the total acres of habitat and miles of streams improved, by State.

²Few habitat improvements are being made in Alaska at this time due to the general pristine condition of the habitat and the uncertainties associated with pending land transfers as required by the Alaska Native Claims Settlement Act and proposed legislation.

PART 2

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 52 grazing districts under the authority of the Taylor Grazing Act. These districts encompass 156,999,199 acres of Federal range (table 58). During calendar year 1976, 13,821 operators (table 60) held 15,504 licenses or permits (table 61) to graze 5,314,705 livestock animals to the extent of 10,227,730 animal unit months (table 60). Gross receipts from grazing use returned to the U.S. Treasury from public lands within the districts totaled \$14,300,168. In addition, \$788,075 (table 112) was received for grazing use on 13,382,619 acres of LU lands and other reserved lands administered by the Bureau (table 58).

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 17,121,676 acres (table 65), were leased to 8,304 operators (table 64) under 7,981 separate leases (table 65). Receipts from Section 15 grazing authorizations totaled \$2,499,816 (table 112). Under the Alaska Grazing Act, 32 leases were issued for a total of 1,270,220 acres (table 65). Alaska grazing use totaled 46,684 animal unit-months by 3,532 cattle and horses, and 1,849 sheep and goats, and reindeer (table 68).

DEFINITIONS OF TERMS

Animal unit:

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

Animal unit month:

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.

Grazing district:

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 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 lands:

Lands outside grazing districts, which are owned, leased or otherwise controlled by the United States, are administered by the Bureau of Land Management, and 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.

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).

Exchange-of-use agreements:

An agreement with a rancher having control over non-Federal lands interspersed and normally grazed in conjunction with the surrounding Federal range for Bureau control and management for grazing purposes of these non-Federal lands.

Crossing permit:

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

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.

Nonuse:

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

Wild free-roaming horses and burros:

All unbranded and unclaimed horses and burros on national resource lands managed under the Wild Horse and Burro Act of 1971 (PL 92-195).

TABLE 58.—Area and status of land within grazing districts, 1977

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 to BLM	Fees to other agencies	Under the Pierce Act	By other agreement	Acres					
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Arizona	9,922,484	37,072	882,024	87,386	284,889	.....	.....	11,213,855	2,682,554	5,060,577	7,743,131	18,956,986
California	2,227,288	.....	1,055,331	499,902	.....	.....	75,934	3,858,455	19,867	2,810,449	2,830,316	6,688,771
Colorado	5,582,965	36,017	1,840,314	376,671	920	.....	32,682	7,869,569	40,515	8,653,638	8,694,153	16,563,722
Idaho	11,039,439	72,276	319,664	366,392	369,688	.....	499,599	12,667,058	465,413	9,488,061	9,953,474	22,620,532
Montana	4,980,875	1,863,299	42,239	288,128	69,046	1,200	30,449	7,275,236	685,469	23,675,308	24,360,777	31,636,013	
Nevada	44,614,176	3,127	655,187	707,321	1,660	.....	1,453,673	47,435,144	3,781,534	7,091,146	10,872,680	58,307,824
New Mexico	10,889,527	226,690	290,017	547,897	59,797	.....	2,416	12,016,344	2,771,523	7,830,132	10,601,655	22,617,999
Oregon	12,483,177	80,176	198,196	5,024	49,294	.....	1,085,813	13,901,680	119,064	6,723,277	6,842,341	20,744,021
Utah	20,754,210	16,610	2,114,864	1,702,379	49,284	2,360	993,159	25,632,866	695,247	12,557,470	13,252,717	38,885,583	
Wyoming	11,060,532	.....	3,649,516	143,057	149,156	5,767	120,964	15,128,992	91,560	8,820,171	8,911,731	24,040,723
Total	133,554,673	2,335,267	11,047,352	4,724,157	1,033,734	9,327	4,294,689	156,999,199	11,352,746	92,710,229	104,062,975	261,062,174	

TABLE 59.—Authorized use of grazing district lands, calendar years 1972-1976

State	A. Animal units				
	1972	1973	1974	1975	1976
Arizona	89,271	86,008	73,312	70,638	82,102
California	82,337	70,644	74,925	61,688	77,266
Colorado	306,784	334,529	321,881	331,880	336,903
Idaho	420,274	435,030	411,319	482,235	434,958
Montana	357,743	366,513	361,920	320,911	338,421
Nevada	423,999	432,939	435,682	441,990	414,549
New Mexico	239,927	247,118	244,848	301,419	279,194
Oregon	205,968	209,016	203,188	209,719	200,795
Utah	280,454	274,139	249,486	246,800	272,439
Wyoming	461,815	483,139	484,392	460,407	497,020
Total	2,868,572	2,939,075	2,860,953	2,927,687	2,933,647
State	B. Animal unit months				
	1972	1973	1974	1975	1976
Arizona	563,229	556,631	515,426	469,520	493,240
California	196,790	186,862	188,587	170,127	250,509
Colorado	594,383	586,227	579,430	565,260	574,779
Idaho	1,182,102	1,182,679	1,186,478	1,147,314	1,140,963
Montana	1,256,277	1,239,124	1,247,568	1,093,774	1,078,357
Nevada	2,024,134	1,977,180	2,039,444	2,068,677	2,019,365
New Mexico	1,302,025	1,409,660	1,462,373	1,470,259	1,480,503
Oregon	903,461	930,517	922,085	923,719	909,468
Utah	1,058,513	1,018,913	976,795	1,026,071	1,023,088
Wyoming	1,328,694	1,295,203	1,274,893	1,304,468	1,257,458
Total	10,409,608	10,382,996	10,393,079	10,239,189	10,227,730

TABLE 60.—Summary of authorized use (does not include nonuse or exchange-of-use) of grazing district lands, calendar year 1976

State	Cattle	Horses ¹	Sheep and goats	Total
Number of operators				
	Number	Number	Number	Number
Arizona	486	5	4	495
California	312	7	32	351
Colorado	1,263	22	293	1,578
Idaho	1,759	12	293	2,064
Montana	2,565	2	146	2,713
Nevada	691	11	80	782
New Mexico	1,452	27	266	1,745
Oregon	778	7	10	795
Utah	1,586	10	461	2,057
Wyoming	927	9	305	1,241
Total operators	11,819	112	1,890	13,821
Number of livestock				
Arizona	79,951	871	6,400	87,222
California	59,400	129	88,687	148,216
Colorado	243,750	2,516	453,185	699,451
Idaho	318,962	1,223	573,865	894,050
Montana	318,738	1,205	92,390	412,333
Nevada	368,227	1,786	222,681	592,694
New Mexico	252,110	3,376	118,543	374,029
Oregon	197,291	657	14,235	212,183
Utah	157,503	1,473	567,313	726,289
Wyoming	326,737	2,479	839,022	1,168,238
Total livestock	2,322,669	15,715	2,976,321	5,314,705
Animal units				
Arizona	79,951	871	1,280	82,102
California	59,400	129	17,737	77,266
Colorado	243,750	2,516	90,637	336,903
Idaho	318,962	1,223	114,773	434,958
Montana	318,738	1,205	18,478	338,421
Nevada	368,227	1,786	44,536	414,549
New Mexico	252,110	3,376	23,708	279,194
Oregon	197,291	657	2,847	200,795
Utah	157,503	1,473	113,463	272,439
Wyoming	326,737	2,479	167,804	497,020
Total animal units	2,322,669	15,715	595,263	2,933,647
Animal-unit-month of use				
Arizona	484,883	6,629	1,728	493,240
California	227,104	376	23,029	250,509
Colorado	439,342	2,555	131,882	574,779
Idaho	972,739	6,026	162,198	1,140,963
Montana	1,015,203	3,985	59,169	1,078,357
Nevada	1,819,646	10,307	189,412	2,019,365
New Mexico	1,314,592	23,930	141,981	1,480,503
Oregon	901,641	3,255	4,572	909,468
Utah	660,595	2,429	360,064	1,023,088
Wyoming	890,426	9,936	357,096	1,257,458
Total animal-unit-months of use	8,726,171	70,428	1,431,131	10,227,730

¹Includes burros and mules.

TABLE 61.—Grazing authorizations in force on grazing district lands, calendar year 1976

State	Cattle	Horses ¹	Sheep and goats	Total
	Number	Number	Number	Number
Regular permits or licenses				
Arizona	485	5	4	494
California	312	7	30	349
Colorado	1,208	20	204	1,432
Idaho	1,688	12	194	1,894
Montana	2,565	2	146	2,713
Nevada	632	11	67	760
New Mexico	1,357	11	101	1,469
Oregon	772	7	5	784
Utah	1,571	9	430	2,010
Wyoming	849	8	175	1,032
Total regular	11,489	92	1,356	12,937
Free-use licenses				
Arizona	1			1
California				
Colorado				
Idaho			1	1
Montana				
Nevada	2			2
New Mexico	86	16	163	265
Oregon		1	1	2
Utah	1	1		2
Wyoming				
Total free use	90	18	165	273
Crossing and trailing permits				
Arizona				
California			2	2
Colorado	55	2	89	146
Idaho	71		98	169
Montana				
Nevada	7		13	20
New Mexico	9		2	11
Oregon	6		5	11
Utah	15		30	45
Wyoming	77		130	207
Total crossing permits	240	2	369	611
Exchange-of-use agreements				
Arizona	2			2
California	46	1	2	49
Colorado	39	2	13	54
Idaho	326	14	30	370
Montana	204	1	2	207
Nevada	85	1	10	96
New Mexico	7	1	4	12
Oregon	275	9	2	286
Utah	291	5	125	421
Wyoming	160	3	23	186
Total exchange-of-use	1,435	37	211	1,683
Grand total	13,254	149	2,101	15,504

¹Includes burros and mules.

TABLE 62.—Authorized livestock (by types of permit) on grazing district lands, calendar year 1976

State	Cattle	Horses ¹	Sheep and goats	Total
	Number	Number	Number	Number
Active use				
Arizona	78,732	871	4,650	84,253
California	59,400	129	86,687	146,216
Colorado	226,482	1,966	332,738	561,186
Idaho	305,171	1,223	476,760	783,154
Montana	318,738	1,205	92,390	412,333
Nevada	366,759	1,786	216,906	585,451
New Mexico	251,632	2,925	111,715	366,272
Oregon	196,226	657	9,205	206,088
Utah	155,236	1,470	517,452	674,158
Wyoming	280,318	2,475	482,879	765,672
Total active use	2,238,694	14,707	2,331,382	4,584,783
Nonuse				
Arizona	5,424	3	1,750	7,177
California	10,015	.....	37,563	47,578
Colorado	38,568	80	141,656	180,304
Idaho	50,657	192	333,878	384,727
Montana	5,812	5	2,000	7,817
Nevada	81,262	162	265,825	347,249
New Mexico	45,114	62	11,962	57,138
Oregon	23,982	73	7,095	31,150
Utah	48,707	169	295,105	343,981
Wyoming	52,509	296	399,405	452,210
Total nonuse	362,050	1,042	1,496,239	1,859,331
Free use				
Arizona	2	.....	.....	2
California .....	.....	.....	.....	.....
Colorado .....	.....	.....	.....	.....
Idaho .....	.....	.....	1,700	1,700
Montana .....	.....	.....	.....	.....
Nevada	15	.....	.....	15
New Mexico	478	451	6,828	7,757
Oregon .....	.....	3	1,500	1,503
Utah .....	.....	4	.....	12
Wyoming	8	.....	.....	.....
Total free use	503	458	10,028	10,989
Crossing and trailing				
Arizona	1,217	.....	1,750	2,967
California .....	.....	.....	2,000	2,000
Colorado	17,268	550	120,447	138,265
Idaho	13,791	.....	95,405	109,196
Montana .....	.....	.....	.....	.....
Nevada	1,453	.....	5,775	7,228
New Mexico .....	.....	.....	.....	.....
Oregon	1,065	.....	5,030	6,095
Utah	2,267	.....	48,361	50,628
Wyoming	46,411	.....	356,143	402,554
Total crossing and trailing	83,472	550	634,911	718,933
Exchange-of-use				
Arizona	160	.....	.....	160
California	2,522	.....	3,500	6,022
Colorado	1,898	336	15,241	17,475
Idaho	27,546	336	30,425	58,307
Montana	20,906	42	135	20,183
Nevada	11,059	91	14,409	25,559
New Mexico	53	12	135	200
Oregon	20,978	439	4,210	25,627
Utah	13,573	78	54,764	68,415
Wyoming	25,315	82	74,029	99,426
Total exchange-of-use	123,110	1,416	196,848	321,374
Grand total	2,807,829	18,173	4,669,408	7,495,410

¹Includes burros and mules.

TABLE 63.—Animal unit months (by type of use) of authorized use of grazing district lands, calendar year 1976

State	Cattle	Horses ¹	Sheep and goats	Total
	AUM's	AUM's	AUM's	AUM's
Active use				
Arizona	484,784	6,629	1,647	493,060
California	227,104	376	22,884	250,364
Colorado	438,901	3,481	129,850	572,232
Idaho	971,630	6,026	157,381	1,135,037
Montana	1,015,203	3,985	59,169	1,078,357
Nevada	1,819,439	10,307	187,936	2,017,682
New Mexico	1,311,050	20,212	131,007	1,462,269
Oregon	901,563	3,255	4,476	909,294
Utah	660,287	2,414	357,101	1,019,802
Wyoming	887,541	9,910	347,942	1,245,393
Total active use	8,717,502	66,595	1,399,393	10,183,490
Nonuse				
Arizona	40,383	11	1,295	41,689
California	19,846	.....	4,590	24,436
Colorado	70,099	137	54,248	124,484
Idaho	119,405	892	137,302	257,599
Montana	11,317	16	440	11,773
Nevada	271,298	944	125,580	397,822
New Mexico	238,093	278	6,205	244,576
Oregon	76,688	357	3,150	80,195
Utah	136,446	719	153,185	290,350
Wyoming	81,409	855	191,792	274,056
Total nonuse	1,064,984	4,209	677,787	1,746,980
Free use				
Arizona	24	.....	.....	24
California .....	.....	.....	.....	.....
Colorado .....	.....	.....	.....	.....
Idaho .....	.....	.....	431	431
Montana .....	.....	.....	.....	.....
Nevada	80	.....	.....	80
New Mexico	3,542	3,718	10,974	18,234
Oregon .....	.....	.....	.....	.....
Utah .....	.....	15	714	729
Wyoming	37	26	.....	63
Total free use	3,683	3,759	12,119	19,561
Crossing and trailing				
Arizona	75	.....	81	156
California .....	.....	.....	145	145
Colorado	441	74	2,032	2,547
Idaho	1,109	.....	4,386	5,495
Montana .....	.....	.....	.....	.....
Nevada	127	.....	1,476	1,603
New Mexico .....	.....	.....	.....	.....
Oregon	78	.....	96	174
Utah	308	.....	2,249	2,557
Wyoming	2,848	.....	9,154	12,002
Total crossing and trailing	4,986	74	19,619	24,679
Exchange-of-use				
Arizona	1,920	.....	.....	1,920
California	9,926	.....	1,834	11,760
Colorado	2,405	1,267	3,443	7,115
Idaho	63,235	2,049	7,454	72,738
Montana	100,996	157	108	101,261
Nevada	54,452	277	7,383	62,112
New Mexico	168	167	399	734
Oregon	71,979	2,701	1,331	76,011
Utah	39,099	507	27,627	67,233
Wyoming	92,029	310	49,917	142,256
Total exchange-of-use	436,209	7,435	99,496	543,140
Grand Total	10,227,364	82,072	2,208,414	12,517,850

¹Includes burros and mules.

TABLE 64.—*Estimated use of Taylor Grazing Act grazing lease lands, calendar year 1976*

State	Operators	Cattle and horses	Sheep and goats	Estimated actual use	Estimated capacity available
Arizona	430	14,872	1,380	152,943	155,532
California	590	27,633	43,393	163,607	196,128
Colorado	991	87,674	283,349	193,540	225,722
Idaho	626	102,106	167,968	47,500	47,800
Kansas	5	6	.....	41	120
Montana	1,231	74,497	16,410	178,119	178,951
Nebraska	40	898	.....	1,232	1,329
Nevada	20	4,774	20	41,675	46,500
New Mexico	870	18,439	28,845	247,050	267,683
North Dakota	95	8,480	3,500	9,600	9,600
Oklahoma	11	56	.....	426	614
Oregon:					
O&C lands	165	10,349	1,968	20,442	20,442
Public lands ¹	567	10,124	5,734	55,755	59,227
South Dakota	351	10,800	9,000	71,000	75,000
Washington	412	68,239	5,400	31,110	32,709
Wyoming	1,900	95,547	104,453	385,740	487,321
Total	8,304	534,494	671,420	1,599,780	1,804,678

¹Includes Washington data.

TABLE 65.—*Grazing leases in force, calendar year 1976*

State	Number	Acres	Annual rental
Alaska ¹	32	1,270,220	\$6,560.80
Arizona	442	1,399,428	231,837.27
California	587	3,837,319	213,186.00
Colorado	558	442,470	91,373.98
Idaho	620	325,916	71,892.00
Kansas	5	640	62.00
Montana	1,260	1,161,737	272,778.48
Nebraska	40	3,227	1,860.00
Nevada	20	2,322,978	62,927.58
New Mexico	870	1,370,926	373,045.50
North Dakota	95	53,301	14,618.31
Oklahoma	11	5,000	643.26
Oregon:			
O&C lands ²	164	415,056	33,580.61
Public lands	572	607,619	84,198.42
South Dakota	363	263,373	107,210.00
Washington	422	228,997	44,087.25
Wyoming	1,920	3,413,469	581,513.00
Total grazing leases	7,981	17,121,676	2,191,374.46

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 66.—*Wild Free-Roaming Horses and Burros, 1977 (Estimated)*

State	Horses	Burros	Total
Arizona	381	6,007	6,388
California	3,743	3,844	7,587
Colorado	991	.....	991
Idaho	1,201	11	1,212
Montana	306	.....	306
Nevada	31,800	1,422	33,222
New Mexico	70	25	95
Oregon	4,049	.....	4,049
Utah	2,175	77	2,252
Wyoming	9,088	.....	9,088
Total	53,804	11,386	65,190

¹Included in total numbers are 3,656 horses and 60 burros claimed under Section 5 of the Wild Horse and Burro Act. The total number also includes branded horses grazing in trespass which were not claimed.

TABLE 67.—*Wild Free Horses and Burros placed in private maintenance (16 U.S.C. 1333) 1971 to 1977*

State	1971-1976		1977		Total	
	Horses	Burros	Horses	Burros	Horses	Burros
Arizona .....	.....	3	2	116	2	119
California	22	1	392	81	414	82
Colorado	1	.....	46	.....	46	.....
Idaho	65	.....	11	.....	12	.....
Montana	557	21	451	7	1,008	28
Nevada .....	.....	.....	.....	15	.....	15
New Mexico	593	.....	1,380	.....	1,973	.....
Oregon	34	.....	35	1	69	1
Utah	22	.....	587	.....	609	.....
Wyoming .....	.....	.....	.....	.....	.....	.....
Total	1,294	25	2,916	220	4,210	245

TABLE 68.—*Estimated use of grazing lease lands, Alaska, calendar year 1976*

State	Operators	Cattle and horses	Sheep and goats	Estimate actual use	Estimated capacity available
	Number	Number	Number	AUM's	AUM's
Alaska	28	3,532	1,849	46,684	133,000

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

TABLE 69.—*Estimated permitted use by reindeer of public lands, Alaska, calendar year 1976*

District	Permits	Reindeer	Estimated actual use	Estimated capacity available
	Number	Number	AUM's	AUM's
Anchorage	1	757	3,468	1,800
Fairbanks	14	14,825	35,580	1,225,200
Total	15	15,582	39,048	1,227,000

Note: Act of September 1, 1937 (50 Stat. 902, 48 U.S.C., 250K)

PART 2

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 71 shows the major accomplishments under these programs during fiscal year 1977.

TABLE 70.—*Soil and Watershed conservation program accomplishments—1977*

Practice	Unit of Measurement	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization & Improvement												
Brush Control	Acres .....	.....	.....	.....	80	.....	2,300	.....	3,297	.....	.....	5,677
Seeding	Do .....	.....	3,180	1,045	79,780	300	2,300	.....	2,865	6,753	.....	96,223
Other Soil Stabilization	Do .....	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	75
Water Management												
Detention and Diversions	Cu. Yds. ....	.....	.....	.....	.....	.....	.....	.....	306	.....	.....	306
Do	Number .....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	8
Dikes	Cu. Yds.	31,550	.....	3,119	20	.....	.....	.....	.....	50	.....	34,739
Program Facilities												
Cattleguards	Number .....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	4
Fencing	Miles .....	.....	2	3	20	.....	13	.....	23	2	.....	63

¹Includes Washington.

TABLE 71.—Range Improvement program accomplishments, 1977

Practice	Unit of Measurement	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization & Improvement												
Brush Control	Acres .....	.....	.....	.....	.....	.....	.....	3,023	.....	.....	.....	3,023
Seeding	Do .....	.....	.....	.....	2,050	.....	.....	.....	.....	.....	.....	2,050
Water Management												
Detention and Diversions	Cu. Yds. ....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	20
Do	Number .....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Pipelines	Miles	6	.....	7	9	21	10	70	16	29	3	171
Reservoirs	Number	3	14	13	3	33	.....	.....	7	9	4	86
Do	Cu. Yds.	9,073	27,019	30,005	10,839	141,667	.....	.....	22,900	28,925	29,810	300,238
Springs	Number	1	4	14	18	8	1	.....	14	5	3	68
Water Catchments	Number	4	.....	1	.....	.....	3	2	.....	4	.....	14
Do	Gallons	195,000	.....	99,999	.....	.....	1,800	99,001	.....	399,996	.....	795,796
Wells	Number	5	10	4	2	1	1	.....	.....	1	10	34
Program Facilities												
Cattleguards	Number	1	1	9	11	.....	29	3	5	17	4	80
Fencing	Miles	12	1	12	27	28	125	49	189	28	2	473
Trails	Miles .....	.....	7	.....	1	.....	.....	.....	.....	.....	.....	8

¹Includes Washington.

TABLE 73.—Total conservation and improvement accomplishments, 1977

Practice	Unit of Measurement	Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon ¹	Utah	Wyoming	Total
Soil Stabilization & Improvement												
Brush Control	Acres				80		2,300	3,023	3,297			8,700
Do	Do		3,180	1,045	81,830	300	2,300		2,865	6,753		98,273
Seeding	Do									75		75
Other Soil Stabilization	Do											
Water Management												
Detention and Diversions	Cu. Yds.								326			326
Do	Number								9			9
Dikes	Cu. Yds.	31,550		3,119	20					50		34,739
Pipelines	Miles	6		7	12	21	10	73	16	30	5	180
Reservoirs	Number	3	14	13	3	33			7	9	4	86
Do	Cu. Yds.	9,073	27,019	30,005	10,839	141,667			22,900	28,925	29,810	300,238
Springs	Number	1	4	14	30	8	1		14	10	3	85
Do	Do	4		1			3	3		4		15
Water Catchments	Gallons	195,000		99,999			1,800	106,501		399,996		803,296
Do	Number	5	10	4	2	1	1	1		1	10	35
Program Facilities												
Cattleguards	Number	1	1	9	12		32	3	5	17	28	108
Fencing	Miles	12	3	15	47	28	138	51	212	40	4	550
Trails	Do		7		1							8

¹Includes Washington.

PART 2

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

MINERALS LEASED OR SOLD AND 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 BLM 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, the Outer Continental Shelf Act of 1953, leasing act 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 27 mineral patents during 1977 covering 3,689 acres of Federal land (table 15).

A total of 85 mineral patent applications on all Federal lands was adjudicated during fiscal year 1977. Field investigation of 17 patent applications on Bureau of Land Management administered lands were made and 16 cases were recommended for allowance (table 83).

As of Sept. 30, 1977, there were 104,079 mineral leases in effect of 86,274,662 acres of public domain lands (table 80). There were 298 prospecting permits and coal licenses outstanding on another 628,736 acres of public lands (table 74). Also in force were 11,059 mineral leases, licenses, and permits on 7,258,633 acres of acquired lands (table 79). 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 1977 included 164,391,467 barrels of petroleum; 1,048,709,726 thousand cubic feet of natural gas; 439,031,607 gallons of gasoline and liquid petroleum gas; 60,285,823 short tons of coal, potash, and other minerals (tables 75, 76, and 78). In addition, 301,617,769 barrels of petroleum, 3,652,689,677 thousand cubic feet of natural gas, were produced from the submerged lands of the Outer Continental Shelf (table 77).

A total of 595 sales of materials other than vegetal, principally mineral materials, yielded \$10,544,410 and the estimated value of material in 852 free use permits to governmental agencies and nonprofit groups amounted to \$18,904,895 during the fiscal year (table 83).

Total receipts during fiscal year 1977 from all mineral leasing activities including rentals, royalties, and bonuses from lands and the Outer Continental Shelf conducted by the Bureau of Land Management were \$2,717,502,122 (table 114).

DEFINITIONS OF TERMS

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.

Competitive Lease:

A lease issued by the United States where there are known minerals, or inference of probate 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 high bidder, who is determined at a sale by public auction.

Field Examinations:

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

Free Use Permit:

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

Lease:

A contract 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.

License:

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

Location:

The perfecting of a right to possession of a mining claim for mining purposes. This includes the staking of the claim, sinking a discovery shaft, discovery of a valuable mineral, posting a notice of location, and recording the claim.

L.P.G.:

Liquid Petroleum Gases.

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 as mineral lands which are lands known to contain valuable minerals.

Mineral Investigation:

Synonymous with field examination.

Mineral Materials:

Minerals such as common varieties of sand, stone, gravel, pumice, pumicite and clay which are not obtainable under the Mining or Leasing Laws 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 land described in the permit.

Mineral Reservation:

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

Noncompetitive Leasing:

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

Patent:

A Government deed. A document that conveys legal title of public lands to the party to whom the patent is issued.

Public Law 167:

(The act of July 23, 1955, 69 Stat. 357.) 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, Stat. 681.) Provides for the location of mining claims on lands reserved or withdrawn for power or powersite purposes.

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.

TABLE 74.—*Mineral permits and licenses on public lands, 1977*

State	Type of Permit										Coal licenses		Total permits and leases	
	Coal		Potash		Sodium		Other		Total					
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alaska	6	12,779	.....	.....	.....	.....	.....	.....	6	12,779	.....	.....	6	12,779
Arizona .....	.....	.....	4	6,813	.....	.....	11	240	5	7,053	.....	.....	5	7,053
California .....	.....	.....	.....	.....	7	8,850	11	2,434	8	11,284	.....	.....	8	11,284
Colorado	45	114,494	1	1,667	4	9,431	.....	.....	50	125,592	1	2,224	51	127,816
Idaho .....	.....	.....	.....	.....	.....	.....	16	3,140	6	3,140	.....	.....	6	3,140
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	100	3	100
Nevada .....	.....	.....	4	6,063	34	77,904	.....	.....	38	83,967	.....	.....	38	83,967
New Mexico	31	80,870	.....	.....	.....	.....	248	30,493	79	111,363	.....	.....	79	111,363
Utah	40	125,508	15	20,509	.....	.....	15	11,338	60	157,355	.....	.....	60	157,355
Wyoming	35	101,320	.....	.....	2	4,706	15	7,853	42	113,879	.....	.....	42	113,879
Total	157	434,971	24	35,052	47	100,891	66	55,498	294	626,412	4	2,324	298	628,736

¹Phosphate
²Oil Shale Special Land Use Permit

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

TABLE 75.—Mineral production from public lands, 1977

State	Type of mineral									
	Petroleum	Natural gas	Gasoline and liquid petroleum gas	Carbon dioxide	Sulphur	Coal	Phosphate	Potash	Silica sand	Sodium
	Barrels	Thousand cubic feet	Gallons	Thousand cubic feet	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
Alabama	4,812	1,425	1,673							
Alaska	6,595,931	61,214,837	3,370,001			2,915				
Arkansas	2,455	431,256								
California	17,796,449	5,404,156	19,602,604	680						
Colorado	13,006,220	55,103,974	21,980,264	57,350			7,799	248,981		826,721
Idaho						3,799,784				10,971
Kansas	358,971	10,564,426					2,145,744			
Louisiana	458,300	2,543,727	2,456,759							
Mississippi	17,273									
Montana	7,176,834	11,351,566	5,196,481							
Nebraska	71,456	766,647	1,730,519		5,581	10,448,146	12,604			
New Mexico	27,760,479	632,159,549	213,337,310		1,005,322	2,259,422		3,382,901		7,578
Nevada	446,859									
North Dakota	1,515,882	431,083	320,880				1128,917	302	24,724	2,616
Oklahoma	198,545	13,476,117	854,534		(94)	890,476				
Oregon						231,836			164,280	
South Dakota	42,122					674				
Utah	5,786,950	16,993,066	27,341,341	169,149		6,218,183				
Wyoming	77,119,158	184,176,483	123,630,276			26,345,343		44,969		
Grand Total	158,358,696	994,618,312	419,822,642	227,179	1,044,520	50,196,779	2,322,609	3,677,153	189,004	2,628,579

¹Sand and Gravel

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

TABLE 76.—*Mineral production from acquired lands, 1977*

Type of mineral by State	Volume of production	Unit	Type of mineral by State	Volume of production	Unit
Barite			Petroleum		
Arkansas	19,146	Short Tons	Alabama	7,474	Barrels
Bentonite			Arkansas	23,787	Do
Wyoming	25,637	Do	California	394,967	Do
Coal			Colorado	10,946	Do
Kentucky	157,813	Do	Illinois	278	Do
Copper			Kansas	70,783	Do
Missouri	19,132	Do	Louisiana	2,072,804	Do
Feldspar			Michigan	76,907	Do
Georgia	44,510	Do	Mississippi	1,241,960	Do
Fluorspar			Montana	80,192	Do
Illinois	856	Do	Nebraska	366	Do
Lead			New Mexico	4,057	Do
Missouri	423,287	Do	North Dakota	1,382,229	Do
Limestone			Ohio	1,772	Do
Virginia	2,490	Do	Oklahoma	40,400	Do
Phosphate			Texas	92,807	Do
Florida	735	Do	Utah	120,033	Do
Quartz Crystals			Wyoming	98,122	Do
Arkansas	6	Do	Total oil	5,719,884	Do
Sulfur			Natural Gas		
North Dakota	555	Do	Arkansas	2,083,433	MCF
Wavellite			California	1,884,942	Do
Arkansas	1	Do	Colorado	321,017	Do
Zinc			Kansas	2,200,949	Do
Illinois	120	Do	Kentucky	31,894	Do
Missouri	141,599	Do	Louisiana	22,739,876	Do
	141,719	Do	Maryland	3,898	Do
Grand total minerals other than oil and gas	835,887	Do	Michigan	459,208	Do
			Mississippi	218,787	Do
			Montana	26,989	Do
			New Mexico	665,566	Do
			North Dakota	387,603	Do
			Ohio	115,677	Do
			Oklahoma	1,496,851	Do
			Texas	748,773	Do
			Utah	79,050	Do
			West Virginia	8,929	Do
			Wyoming	227,568	Do
			Total gas	33,701,010	Do
			Gasoline and liquid petroleum gas		
			Alabama	3,224	Gallons
			Colorado	123,067	Do
			Louisiana	333,415	Do
			North Dakota	1,512,149	Do
			Texas	359,899	Do
			Utah	422,208	Do
			Wyoming	1,187,600	Do
			Total gasoline and liquid petroleum gas	3,941,562	Do

Note.—Data Estimated in part.
Source: Geological Survey, U.S. Department of the Interior.

TABLE 77.—Oil and gas leases and production on the Outer Continental Shelf, 1977

State	Oil and gas leases		Production		
	Number	Acres	Petroleum	Gas	Gasoline and liquid petroleum gas
			Barrels	Thousand cubic feet	Gallons
Alabama	11	62,586	.....	.....	.....
Alaska	76	409,057	.....	.....	.....
California	121	640,027	12,539,120	3,396,535	.....
Florida	46	264,960	.....	.....	.....
Louisiana	1,319	5,700,000	288,199,978	3,560,339,065	2,034,649,078
Mississippi	6	34,560	.....	.....	.....
Texas	417	2,238,750	878,671	88,954,077	21,334,628
Mid-Atlantic	93	529,466	.....	.....	.....
Total	2,089	9,879,406	301,617,769	3,652,689,677	2,055,983,706

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

TABLE 78.—Mineral production from military and other Federal lands, 1977

Mineral by State	Volume of production	Unit
Gasoline and liquid petroleum gas		
Louisiana	14,432,853	Gallons
Oklahoma	193,248	Do
Texas	641,302	Do
Total gasoline and liquid petroleum gas	15,267,403	Do
Gas		
Arkansas	3,541,116	MCF
Louisiana	15,886,580	Do
Nebraska	1,554	Do
Oklahoma	468,041	Do
Texas	493,113	Do
Total gas	20,390,404	Do
Petroleum		
Kentucky	8,466	Barrels
Louisiana	256,073	Do
Nebraska	1,187	Do
Oklahoma	7,434	Do
Texas	39,727	Do
Total petroleum	312,887	Do

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

TABLE 79.—*Mineral leases, licenses, and permits on acquired, military and other Federal lands, 1977*

State	Oil and gas leases		Other minerals		Total	
	Number	Acres	Number	Acres	Number	Acres
Acquired lands						
Alabama	230	17,538	1	40	231	17,578
Arizona	14	16,491	.....	.....	14	16,491
Arkansas	661	629,348	9	702	670	630,050
California	52	6,781	4	819	56	7,600
Colorado	650	342,314	40	59,438	690	401,752
Florida	145	226,156	45	52,598	190	278,754
Georgia	.....	.....	5	989	5	989
Idaho	7	5,668	4	971	11	6,639
Illinois	20	6,285	10	4,929	30	11,214
Indiana	20	17,714	.....	.....	20	17,714
Kansas	132	42,050	.....	.....	132	42,050
Kentucky	156	140,676	2	1,906	158	142,582
Louisiana	509	283,813	.....	.....	509	283,813
Maryland	7	7,258	.....	.....	7	7,258
Michigan	646	314,265	.....	.....	646	314,265
Minnesota	.....	.....	20	22,066	20	22,066
Mississippi	2,191	922,913	.....	.....	2,191	922,913
Missouri	.....	.....	40	35,676	40	35,676
Montana	1,951	1,526,083	.....	.....	1,951	1,526,083
Nebraska	74	63,181	.....	.....	74	63,181
Nevada	6	3,537	.....	.....	6	3,537
New Mexico	139	103,771	11	17,576	150	121,347
New York	17	37,531	.....	.....	17	37,531
North Carolina	.....	.....	14	19,961	14	19,961
North Dakota	1,502	1,065,170	34	55,438	1,536	1,120,608
Ohio	47	18,830	1	144	48	18,974
Oklahoma	376	190,820	.....	.....	376	190,820
Oregon	7	1,781	.....	.....	7	1,781
Pennsylvania	9	3,184	2	80	11	3,264
South Carolina	.....	.....	1	78	1	78
South Dakota	250	308,980	8	18,592	258	327,572
Tennessee	.....	.....	2	785	2	785
Texas	382	298,990	.....	.....	382	298,990
Utah	109	43,007	2	1,780	111	44,787
Virginia	55	98,348	4	4,180	59	102,528
Washington	2	1,530	.....	.....	2	1,530
West Virginia	243	355,439	1	879	244	356,318
Wisconsin	.....	.....	3	4,918	3	4,918
Wyoming	448	159,181	6	3,120	454	162,301
Total acquired lands	11,057	7,258,633	269	307,665	11,326	7,566,298
Military and other Federal lands						
Arkansas	17	9,786	.....	.....	17	9,786
Kentucky	2	890	.....	.....	2	890
Louisiana	6	12,689	.....	.....	6	12,689
Montana	1	278	.....	.....	1	278
Nebraska	1	640	.....	.....	1	640
Oklahoma	6	5,041	.....	.....	6	5,041
Texas	7	2,279	.....	.....	7	2,279
Total Military and other Federal lands	40	31,603	.....	.....	40	31,603
Grand Total	11,097	7,290,236	269	307,665	11,366	7,597,901

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

TABLE 80.—*Mineral leases on public lands as of September 30, 1977*

State	Oil and gas		Geothermal		Coal		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Alabama	230	44,152			1	2,388			231	46,540
Alaska	601	1,455,034			4	2,593			605	1,457,627
Arizona	749	1,372,142	5	7,148			12	11,546	766	1,390,836
Arkansas	379	374,789							379	374,789
California	2,041	776,317	36	51,939	1	80	333	31,539	2,111	859,875
Colorado	9,717	9,016,283	35	42,425	113	121,451	34	10,430	9,869	9,190,589
Florida	134	81,343							134	81,343
Idaho	1,333	2,502,631	124	215,145			86	44,975	1,543	2,762,751
Kansas	193	58,799							193	58,799
Louisiana	297	35,170							297	35,170
Michigan	162	133,605							162	133,605
Mississippi	231	25,367							231	25,367
Montana	9,576	8,226,437	6	10,687	17	36,297	28	22,033	9,627	8,295,454
Nebraska	335	149,731							335	149,731
Nevada	4,400	5,190,059	384	659,937			29	34,918	4,813	5,884,914
New Mexico	14,247	10,019,012	87	156,294	28	40,958	122	168,997	14,484	10,385,261
North Dakota	819	314,171			17	15,515			836	329,686
Oklahoma	826	116,022			47	77,084	2	640	875	193,746
Oregon	242	445,777	98	146,924	3	5,403			343	598,104
South Dakota	1,121	1,285,947							1,121	1,285,947
Utah	16,442	18,878,922	236	402,257	198	274,286	340	47,402	16,916	19,602,867
Washington	68	78,252			2	521			70	78,773
Wyoming	37,987	22,739,194	4	7,448	92	214,604	165	91,642	38,138	23,052,888
Total	102,130	83,319,156	1,015	1,700,204	523	791,180	411	464,122	104,079	86,274,662

¹ Copper, 640 acres; 1 Gold, 311 acres; 6 Sodium, 9,035 acres; 4 Uranium, 1,560 acres.

² Phosphate, 1,609 acres; 7 Potash, 8,953 acres; 25 Sodium, 20,977 acres.

³ Potash, 632 acres; 3 Sodium, 9,798 acres.

⁴66 Phosphate, 44,975 acres.

⁵28 Phosphate, 22,033 acres.

⁶11 Potash, 16,600 acres; 4 Sand/Gravel, 2,110 acres; 2 Silica Sand, 481 acres; 11 Sodium, 15,327 acres; 1 Tungsten, 400 acres.

⁷121 Potash, 168,917 acres; 1 Sodium, 80 acres.

⁸1 Asphalt, 480 acres; 1 Silica Sand, 160 acres.

⁹12 Gilsomite, 3,210 acres; 8 Phosphate, 8,800 acres; 20 Potash, 35,392 acres.

¹⁰11 Phosphate, 14,018 acres; 44 Sodium, 77,624 acres.

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

TABLE 81.—Competitive mineral leases issued and bonuses received, 1977

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	119	1,641.49	.....	.....	.....	1	119	1,641.49
Colorado	17	5,918	262,734.16	.....	.....	.....	17	5,918	262,734.16
Kansas	4	1,561	7,598.00	.....	.....	.....	4	1,561	7,598.00
Louisiana	7	684	86,021.22	.....	.....	.....	7	684	86,021.22
Mississippi .....	.....	.....	.....	9	849	16,308.17	9	849	16,308.17
Montana	8	1,274	34,974.14	2	640	12,968.00	10	1,914	47,942.14
Nebraska	8	4,420	665,284.00	.....	.....	.....	8	4,420	665,284.00
New Mexico	129	36,146	2,837,690.41	.....	.....	.....	129	36,146	2,837,690.41
North Dakota .....	.....	.....	.....	3	200	71,558.64	3	200	71,558.64
Oklahoma	23	1,988	1,069,623.65	10	2,691	667,702.33	33	4,679	1,737,325.98
Utah	9	3,025	45,189.00	.....	.....	.....	9	3,025	45,189.00
Wyoming	104	21,014	2,041,655.00	.....	.....	.....	104	21,014	2,041,655.00
Total Oil and Gas	310	76,149	7,052,411.07	24	4,380	768,537.14	334	80,529	7,820,948.21
Geothermal Steam									
Idaho	2	3,941	27,006.00	.....	.....	.....	2	3,941	27,006.00
Nevada	11	21,663	128,384.14	.....	.....	.....	11	21,663	128,384.14
New Mexico	16	23,115	587,778.16	.....	.....	.....	16	23,115	587,778.16
Oregon	10	17,929	70.20	.....	.....	.....	10	17,929	70.20
Total Geothermal Steam	39	66,648	743,238.50	.....	.....	.....	39	66,648	743,238.50
Grand total	349	142,797	7,795,649.57	24	4,380	768,537.14	373	147,177	8,564,186.71

TABLE 82.—Noncompetitive mineral leases issued, 1977

Type of mineral by State	Public lands		Acquired lands		Total	
	Number	Acres	Number	Acres	Number	Acres
Oil and Gas						
Alabama	2	240	3	2,202	5	2,442
Arizona	111	204,305	7	7,675	118	211,980
Arkansas	43	27,271	56	51,519	99	78,790
California	157	79,444	.....	.....	157	79,444
Colorado	744	791,244	112	64,323	856	855,567
Florida .....	.....	.....	2	3,304	2	3,304
Idaho	619	1,143,859	6	4,836	625	1,148,695
Louisiana	12	1,657	37	19,120	49	20,777
Michigan	12	19,424	31	20,273	43	39,697
Mississippi	10	1,682	242	120,939	252	122,621
Montana	96	100,958	19	10,732	115	111,690
Nevada	1,150	2,298,415	.....	.....	1,150	2,298,415
New Mexico	1,040	1,113,859	31	48,228	1,071	1,162,087
North Dakota	12	3,796	71	88,660	83	92,456
Ohio .....	.....	.....	1	61	1	61
Oklahoma	59	6,823	39	9,464	98	16,287
Oregon	114	213,730	6	2,080	120	215,810
Pennsylvania .....	.....	.....	1	202	1	202
South Dakota	7	3,240	4	3,059	11	6,299
Texas .....	.....	.....	40	31,394	40	31,394
Utah	2,374	2,764,723	7	1,733	2,381	2,766,456
Virginia .....	.....	.....	15	27,758	15	27,758
Washington	35	49,653	2	1,370	37	51,023
West Virginia .....	.....	.....	4	3,165	4	3,165
Wyoming	2,965	2,365,890	82	54,580	3,047	2,420,470
Total	9,562	11,190,213	818	576,677	10,380	11,766,890
Coal						
Colorado	2	2,849	.....	.....	2	2,849
Utah	1	8,824	.....	.....	1	8,824
Total	3	11,673	.....	.....	3	11,673
Fluoride, barite, lead, and zinc						
Georgia .....	.....	.....	1	144	1	144
Illinois .....	.....	.....	3	557	3	557
Total .....	.....	.....	4	701	4	701
Geothermal Steam						
Arizona	1	640	.....	.....	1	640
California	5	10,783	.....	.....	5	10,783
Idaho	49	90,017	.....	.....	49	90,017
Nevada	45	79,810	.....	.....	45	79,810
New Mexico	35	44,673	.....	.....	35	44,673
Oregon	42	56,359	.....	.....	42	56,359
Utah	50	95,060	.....	.....	50	95,060
Total	227	377,342	.....	.....	227	377,342
Hardrock, copper, and nickel						
Minnesota .....	.....	.....	1	120	1	120
Wisconsin .....	.....	.....	4	4,898	4	4,898
Total .....	.....	.....	5	5,018	5	5,018
Uranium						
Arizona	1	311	.....	.....	1	311
Grand Total	9,793	11,579,539	827	582,396	10,620	12,161,935

¹Includes Kansas and Nebraska.

TABLE 83.—Disposition of materials other than vegetal, 1977

Method by State	Material	Number of Sales	Quantity	Value
Sales				
Alaska	Sand and gravel	91	15,466,802 cubic yards	\$2,792,648.40
	Road Base	5	1,059,000 cubic yards	177,630.00
	Common Borrow	275	40,812,642 cubic yards	5,977,824.86
Arizona	Stone and riprap	5	1,078,500 tons	107,850.00
	Sand and gravel	10	1,216,532 cubic yards	182,648.59
	Road Base	1	10,000 cubic yards	1,200.00
	Common Borrow	1	5,000 cubic yards	500.00
	Lightweight aggregate	1	1,700 cubic yards	340.00
	Concrete aggregate	2	11,500 cubic yards	1,980.00
	Building stone	1	100 tons	100.00
California	Facing stone	1	150 tons	334.50
	Sand and gravel	6	168,749 cubic yards	24,112.33
	Asphalt aggregate	1	5,000 cubic yards	1,250.00
	Facing stone	1	235 tons	235.00
	Soil additives	1	650,000 tons	520,000.00
	Decomposed granite	1	40 cubic yards	20.00
	Sand and gravel	1	5,000 cubic yards	1,250.00
Colorado	Common borrow	1	1,900 cubic yards	475.00
	Stone riprap	1	3,000 tons	450.00
	Clay	5	39,750 tons	9,937.50
	Restoration	1	1,900 cubic yards	95.00
	Sand and gravel	3	98,750 cubic yards	14,792.50
Idaho	Road base	1	5,000 cubic yards	500.00
	Common borrow	3	29,667 cubic yards	4,750.05
	Stone and riprap	1	3,000 tons	750.00
	Shale	1	1,000 tons	100.00
	Restoration	1	3,000 cubic yards	150.00
Montana	Common borrow	1	50,395 cubic yards	1,511.85
Nevada	Sand and gravel	37	257,156 cubic yards	40,515.65
	Common borrow	4	555,000 cubic yards	81,850.00
	Lightweight aggregate	1	715 cubic yards	200.20
	Building stone	1	100 tons	200.00
	Decomposed granite	3	15,749 cubic yards	2,659.84
New Mexico	Restoration	1	250 cubic yards	2.50
	Sand and gravel	13	230,464 cubic yards	27,671.42
	Road base	7	132,881 cubic yards	14,313.10
	Common borrow	5	25,639 cubic yards	2,780.70
	Lightweight aggregate	1	368,000 cubic yards	47,840.00
	Stone and riprap	1	2,000 tons	400.00
	Building stone	1	1,000 tons	1,000.00
	Shale	1	250,000 tons	125,000.00
	Industrial mineral	7	76,600 tons	22,680.00
	Restoration	4	15,651 cubic yards	358.02
	Road base	10	60,872 cubic yards	9,948.00
	Common borrow	1	10 cubic yards	1.00
	Lightweight aggregate	1	200 cubic yards	1,000.00
Oregon	Building stone	3	110 tons	99.00
	Shale	1	348 tons	59.16
	Surfacing material	11	33,113 cubic yards	7,247.00
	Sand and gravel	2	6,000 cubic yards	1,200.00
Utah	Sand and gravel	3	70,000 cubic yards	17,500.00
	Common borrow	1	6,000 cubic yards	1,500.00
Washington	Sand and gravel	29	748,967 cubic yards	124,272.36
	Road base	1	999,999 cubic yards	149,999.85
	Common borrow	2	10,000 cubic yards	1,500.00
	Lightweight aggregate	5	46,000 cubic yards	10,950.00
	Stone and riprap	1	38,461 tons	4,999.93
	Building stone	1	50 tons	100.00
	Facing stone	5	323 tons	822.30
	Shale	8	112,333 tons	21,799.90
Total		595		10,544,410.51

TABLE 83.—Disposition of materials other than vegetal, 1977—Continued

Method by State	Material	Number of Permits	Quantity	Value
Free use permits				
Alaska	Sand and gravel	14	1,750,300 cubic yards	\$443,072.00
	Road base	4	290,000 cubic yards	17,300.00
	Common borrow	129	27,932,279 cubic yards	3,911,839.06
Arizona	Sand and gravel	27	4,372,000 cubic yards	744,510.00
	Road base	29	2,449,000 cubic yards	282,600.00
	Common borrow	17	5,091,000 cubic yards	581,420.00
	Lightweight aggregate	6	620,000 cubic yards	132,600.00
	Asphalt aggregate	1	350,000 cubic yards	80,500.00
	Stone and riprap	2	125,000 tons	55,000.00
	Building stone	1	5 tons	5.00
California	Sand and gravel	48	12,528,002 cubic yards	1,315,067.12
	Road base	3	700,000 cubic yards	65,000.00
	Common borrow	10	2,202,000 cubic yards	333,800.00
	Lightweight aggregate	1	80,000 cubic yards	12,000.00
	Concrete aggregate	1	7,400 cubic yards	1,258.00
	Asphalt aggregate	7	10,153,000 cubic yards	1,527,900.00
	Stone and riprap	11	2,585,945 tons	611,672.36
	Facing stone	2	4 tons	8.50
	Clay	2	53,125 tons	5,750.00
	Decomposed granite	9	25,734 cubic yards	5,468.80
Colorado	Sand and gravel	18	630,500 cubic yards	150,500.00
	Common borrow	1	1,000 cubic yards	100.00
	Stone and riprap	4	2,602 tons	290.30
	Building stone	1	20 tons	10.00
	Facing stone	1	20 tons	100.00
	Clay	2	200 tons	50.00
	Special sands	1	150,000 tons	37,500.00
Idaho	Sand and gravel	92	9,855,100 cubic yards	1,638,530.00
	Road base	13	837,250 cubic yards	149,187.50
	Common borrow	23	1,612,980 cubic yards	375,270.00
	Lightweight aggregate	2	50,080 cubic yards	62,600.00
	Asphalt aggregate	3	451,000 cubic yards	67,750.00
	Building stone	6	516 tons	155.50
	Surfacing material	1	37,000 cubic yards	7,400.00
Montana	Sand and gravel	8	483,500 cubic yards	63,000.00
	Stone and riprap	1	2,400 tons	936.00
Nevada	Sand and gravel	75	14,402,385 cubic yards	2,185,593.25
	Common borrow	37	5,413,733 cubic yards	777,057.74
	Asphalt aggregate	1	45,334 cubic yards	9,066.80
	Stone and riprap	1	8,000 tons	1,200.00
	Clay	1	200 tons	32.00
	Decomposed granite	14	112,100 cubic yards	23,630.50
	Restoration	2	10,000 cubic yards	100.00
New Mexico	Sand and gravel	41	3,334,946 cubic yards	402,861.00
	Road base	3	62,000 cubic yards	6,200.00
	Common borrow	6	92,726 cubic yards	8,635.20
	Concrete aggregate	1	5,000 cubic yards	550.00
	Asphalt aggregate	2	20,000 cubic yards	2,100.00
	Stone and riprap	1	5,000 tons	1,000.00
	Building stone	1	5 tons	1.00
Oregon	Industrial mineral	2	5,000 tons	1,500.00
	Sand and gravel	12	201,500 cubic yards	46,990.00
	Road base	4	120,000 cubic yards	13,000.00
	Common borrow	4	858,500 cubic yards	125,880.00
	Lightweight aggregate	3	95,000 cubic yards	18,250.00
	Stone and riprap	2	1,325 tons	1,501.25
	Surfacing material	2	180,000 cubic yards	34,500.00
Utah	Sand and gravel	25	3,153,450 cubic yards	613,502.50
	Road base	1	25,000 cubic yards	1,250.00
	Common borrow	3	40,000 cubic yards	3,600.00
	Stone and riprap	2	12,002 tons	1,803.00
	Facing stone	1	5 tons	12.50
	Shale	1	50,000 tons	12,500.00
Washington	Road base	1	300,000 cubic yards	30,000.00
	Stone and riprap	1	800 tons	80.00
	Surfacing material	1	9,952 cubic yards	595.20
Wyoming	Sand and gravel	76	5,653,592 cubic yards	1,274,776.88
	Road base	1	100,000 cubic yards	15,000.00
	Common borrow	10	385,191 cubic yards	76,769.10
	Stone and riprap	8	688,670 tons	323,557.50
	Building stone	3	96,645 tons	193,290.00
	Shale	2	108,000 tons	18,360.00
Total free use permits		852		18,904,895.56
Grand total		1,447		29,449,306.07

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 84.—*Mineral patents issued, 1977*

Mineral	Alaska		Arizona		California		Idaho		Montana		Nevada		New Mexico		Oregon		South Dakota		Washington		Wyoming		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		
Copper	1	517	1	318	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper and silver .....	.....	.....	3	49	.....	.....	.....	.....	2	411	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	460
Gold	1	35	.....	.....	3	88	.....	.....	1	55	.....	.....	.....	.....	1	21	.....	.....	.....	.....	.....	.....	.....	.....	6	199
Limestone .....	.....	.....	.....	.....	.....	.....	1	90	.....	.....	1	37	.....	.....	.....	.....	1	20	.....	.....	.....	.....	.....	.....	3	147
Sand and Rock .....	.....	.....	1	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	120
Talc .....	.....	.....	.....	.....	.....	.....	.....	.....	1	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	76
Uranium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1,607	3	1,607	
Total	2	552	5	487	3	88	1	90	4	542	1	37	1	21	1	21	1	20	1	21	3	1,607	123	3,486		

¹Does not include 1 millsite, 5 acres in Alaska; 41 millsites, 202 acres in Arizona; 1 millsite, 5 acres in California; 1 millsite, 5 acres in Colorado; 2 millsites, 10 acres in Montana.

TABLE 85.—*Mineral patent applications, 1977*

State	Adjudication					Classification and investigation							
	Unclosed cases Oct. 1, 1976	New cases received during 1977	Cases reactivated during 1977	Cases closed during 1977	Unclosed cases Sept. 30, 1977	Bureau of Land Management				Forest Service			
						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
Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Alaska:													
Anchorage	23	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....
Fairbanks	7	2	.....	2	7	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	41	10	.....	9	42	1	1	21	4	5	2	49	8
California	35	8	.....	7	36	2	.....	2	7	2	.....	3	.....
Colorado	55	6	22	49	34	1	5	1	10	.....	.....	.....	.....
Idaho	41	4	.....	1	44	1	.....	5	1	.....	.....	.....	.....
Montana	103	.....	.....	6	97	1	.....	5	.....	4	1	29	5
Nevada	31	2	2	1	34	3	.....	14	6	.....	.....	.....	.....
New Mexico	23	6	.....	4	25	.....	.....	.....	2	.....	.....	.....	.....
Oregon	8	2	1	1	10	1	.....	1	.....	.....	1	.....	10
South Dakota	6	.....	.....	2	4	.....	1	.....	2	.....	1	.....	.....
Utah	11	1	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....
Washington	5	1	1	3	4	.....	.....	.....	.....	1	.....	1	.....
Wyoming	60	.....	.....	.....	60	.....	.....	.....	.....	.....	.....	.....	.....
Total	449	42	26	85	432	10	7	49	32	13	4	83	23

TABLE 86.—*Recordation of mining claims, Public Law 94-579, FY 1977*

State	Claims filed for recording			Claims declared void or recording rejected			Claims patented			Unpatented claims of record		
	Total as of end of previous FY	Total during current FY	Total to date	Total as of end of previous FY	Total during current FY	Total to date	Total as of end of previous FY	Total during current FY	Total to date	Total as of end of previous FY	Total during current FY	Total to date
Alaska		3,806	3,806		10	10		28	28		3,768	3,768
Arizona		13,387	13,387		74	74					13,313	13,313
Arkansas		6	6								6	6
California		6,533	6,533		4	4		6	6		6,523	6,523
Colorado		16,301	16,301								16,301	16,301
Idaho		2,530	2,530					5	5		2,525	2,525
Montana		3,710	3,710		114	114		34	34		3,562	3,562
Nevada		8,403	8,403		6	6					8,397	8,397
New Mexico		9,083	9,083		19	19		1	1		9,063	9,063
Oregon		1,505	1,505		7	7		1	1		1,497	1,497
South Dakota		3,120	3,120					1	1	1	3,119	3,119
Utah		26,000	26,000								26,000	26,000
Washington		1,222	1,222		8	8		1	1		1,213	1,213
Wyoming		14,412	14,412		476	476		13	13		13,923	13,923
Total		110,018	110,018		718	718		90	90		109,210	109,210

TABLE 87.—Activity in mining locations under Public Laws 167 and 359, 1977

State	Public Law 167				Public Law 359 (Forest Service and Bureau of Land Management)							
	Area published to September 30, 1976 ¹	Area published during 1977 ¹	Veri-fied state-ments	Claims in verified state-ments	Area examined		Claims examined		Location certi-ficates 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	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	80
Arizona	11,383,344	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
California	20,091,129	.....	.....	.....	500	560	16	24	22	34	2	13
Colorado	16,577,805	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	21,360,844	.....	.....	.....	.....	.....	.....	.....	1	.....	70	31
Montana	17,537,083	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada	5,031,769	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico	7,900,930	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota	104,566	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon	17,449,542	7,900	1	1	.....	140	.....	4	.....	3	.....	10
South Dakota	1,134,922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah	9,092,919	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	9,965,924	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Wyoming	10,695,988	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Total	157,527,698	7,900	1	1	500	700	16	28	23	47	74	176

¹Includes only those in which 150 days have expired since publication.²Adjusted.

PART 2

BUREAU OF LAND MANAGEMENT PROGRAM OPERATIONS

CLASSIFICATION AND INVESTIGATION

Excluding timber and grazing activities, classification and investigation cases numbered 30,311 as of Oct. 1, 1976. Case closures during the year amounted to 38,383 but 38,438 new and reactivated cases were received throughout the year bringing the Bureau's total backlog to 30,366 cases by the end of the reporting period (table 88).

Land classification conducted under the authority of the Taylor Grazing Act covered 137 separate tracts of land totaling 34,714 acres. Of these, 21,455 acres, or 70 different tracts, were found suitable for disposition (tables 90 and 91).

DEFINITIONS OF TERMS

Classification:

The designation of lands as being valuable, or suitable, for specific purposes, uses, or resources.

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.

TABLE 88.—*Classification and investigation operations (summary by State), 1977*

State	Unclosed cases October 1, 1976	New cases received during FY 1977	Cases reactivated during FY 1977	Cases closed during FY 1977	Unclosed cases September 30, 1977
	Number	Number	Number	Number	Number
Non-mineral cases					
Alaska:					
Anchorage	3,224	352	115	726	2,965
Fairbanks	5,929	335	53	322	5,995
Arizona	371	316	179	495	371
California	896	551	292	876	863
Colorado	461	175	96	473	259
Idaho	1,776	549	193	686	1,832
Kansas	2	.....	1	2	1
Montana	270	211	120	417	184
Nebraska	15	.....	.....	12	3
Nevada	607	14,458	71	14,711	425
New Mexico	2,209	774	1,611	2,461	2,133
North Dakota	27	197	.....	215	9
Oklahoma	11	55	.....	59	7
Oregon	417	601	57	652	423
South Dakota	88	139	18	215	30
Utah	786	204	164	313	841
Washington	91	24	12	23	104
Wyoming	214	169	102	280	205
Total non-mineral cases	17,394	19,110	3,084	22,938	16,650
Mineral cases					
Alaska:					
Anchorage	89	43	.....	44	88
Fairbanks	8,163	425	6	1,089	7,505
Arizona	195	335	47	374	203
California	587	642	104	768	565
Colorado	211	680	16	633	274
Idaho	942	1,036	35	1,677	336
Montana	1,526	4,416	4,479	7,305	3,116
Nevada	195	316	.....	320	191
New Mexico	98	743	2	717	126
North Dakota	108	1,348	371	1,455	372
Oklahoma	2	.....	.....	.....	2
Oregon	34	156	.....	152	38
South Dakota	64	338	255	485	172
Texas	1	.....	.....	.....	1
Utah	453	280	.....	243	490
Washington	19	14	.....	12	21
Wyoming	230	86	71	171	216
Total mineral cases	12,917	10,858	5,386	15,445	13,716
Grand Total	30,311	29,968	8,470	38,383	30,366

Note: Data does not include grazing or timber cases.

TABLE 89.—Classification and investigation operations, 1977 (by type)

Type of case	Unclosed cases October 1, 1976	New cases received during 1977	Cases reactivated during 1977	Cases closed during 1977	Unclosed cases Sept. 30, 1977
Land cases					
Title transfers					
Homestead	184	20	8	100	112
Desert land	1,082	131	48	97	1,164
Public sales:					
a. Public Sales, Act of 1964	7	1	4	11	1
b. Other	758	13	57	572	256
Selections	3,213	223	1	134	3,303
Exchanges	196	48	17	72	189
Land title cases (n.e.s.)	161	57	116	106	228
Small tracts	235	4	9	43	205
Recreation & public purposes sales	274	60	129	181	282
Indian allotments	5,170	514	4	988	4,700
Total title transfers	11,280	1,071	393	2,304	10,440
Leases and permits					
Nonmineral leases (n.e.s.)	85	33	150	162	106
Rights-of-way	2,302	1,500	2,232	3,876	2,158
Nonmineral permits (n.e.s.)	498	514	81	630	463
Nonmineral material sales	21	14,838	11	14,763	107
Recreation and public purposes leases	254	70	61	161	224
Small tract leases	38	3	22	28	35
Total leases and permits	3,198	16,958	2,557	19,620	3,093
Investigations					
Trespass	2,333	578	12	445	2,478
Other case types (n.e.s.)	230	373	97	450	250
Total investigations	2,563	951	109	895	2,728
Other tenure actions					
Withdrawals and reservations	153	73	15	63	178
Revocations and restorations	191	56	10	56	201
Offers of excess land to GSA	9	1	.....	.....	10
Total other tenure actions	353	130	25	119	389
Total land cases	17,394	19,110	3,084	22,938	16,650
Mineral cases					
Title transfers					
Mineral entries (BLM and other)	243	21	4	33	235
Mineral entries (National Forests)	30	2	2	7	27
Land disposal conflicts	164	89	6	155	104
Mineral classification	110	143	.....	93	160
Total title transfers	547	255	12	288	526
Permits and leases					
Oil and gas noncompetitive (public lands)	6,765	972	3,952	5,270	6,419
Oil and gas competitive (public lands)	31	133	141	230	75
Oil and gas simultaneous filings (public lands)	316	2,008	.....	1,922	402
Oil and gas noncompetitive (acquired lands)	53	308	1,000	1,093	268
Oil and gas competitive (acquired lands)	3	10	19	25	7
Oil and gas simultaneous filings (acquired lands)	45	431	.....	407	69
Oil and gas assignments and transfers (n.e.s.)	3,414	3,927	6	3,284	4,063
Oil and gas overriding royalty assignments .....	.....	.....	.....	.....	.....
Other permits and leases (n.e.s.)	828	747	87	861	801
Coal	387	63	82	160	372
Potassium	150	131	1	85	197
Phosphate	99	11	3	34	79
Sodium	52	9	5	8	58
Hardrock (reorganization plan no. 3)	34	56	17	59	48
Mineral material sales (common varieties)	193	1,797	61	1,719	332
Outer Continental Shelf (sec. 6) .....	.....	.....	.....	.....	.....
Total permits and leases	12,370	10,603	5,374	15,157	13,190
Total mineral cases	12,917	10,858	5,386	15,445	13,716
Grand total	30,311	29,968	8,470	38,383	30,366

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

TABLE 90.—*Lands classified and found suitable for disposition under the Taylor Grazing Act, 1977*

State	Homestead		Public sale		Exchange		Desert land		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
California	1	80	1	160	.....	.....	.....	.....	2	240
Colorado	4	96	2	2,147	.....	.....	.....	.....	6	2,243
Idaho	18	774	2	1,022	8	2,108	6	1,121	34	5,025
Nevada	13	492	.....	.....	.....	.....	.....	.....	13	492
Oregon	4	10,409	.....	.....	.....	.....	4	10,409
Utah	8	358	1	2,560	1	116	1	12	11	3,046
Total	44	1,800	10	16,298	9	2,224	17	1,133	70	21,455

¹State indemnity selections.

Note: The Taylor Grazing Act of June 28, 1934 (48 Stat. 1269, 43 U.S.C. 315), authorized 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 classifications.

TABLE 91.—Lands classified and found not suitable for disposition under the Taylor Grazing Act, 1977

State	Homestead		Public sale		Exchange		Desert land		Other		Total	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Colorado	3	170	.....	.....	.....	.....	.....	.....	3	170
Idaho	17	740	.....	.....	19	4,452	15	6,887	51	12,079
Nevada	10	583	.....	.....	.....	.....	21	27	11	610
Wyoming	2	400	.....	.....	2	400
Total	30	1,493	.....	.....	21	4,852	16	6,914	67	13,259

¹State selections²Airport

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 92.—*Lands classified under miscellaneous laws, 1977*

State	Small tract act ¹		Recreational and public purposes act ²		Total areas classified during 1977
	Total areas classified as of September 30, 1977	Areas classified during 1977	Classifications during 1977	Areas classified during 1977	
	Acres	Acres	Number	Acres	Acres
Alaska:					
Anchorage	37,263	.....	.....	.....	.....
Fairbanks	36,986	.....	.....	.....	.....
Arizona	8,341	.....	4	116	116
California	313,078	.....	5	78	78
Colorado	3,190	.....	.....	.....	.....
Idaho	2,683	.....	6	479	479
Montana	1,709	.....	3	50	50
Nevada	43,605	10	14	1,333	1,343
New Mexico	1,039	.....	.....	.....	.....
North Dakota	810	.....	.....	.....	.....
Oregon	1,526	.....	1	160	160
South Dakota	17	.....	.....	.....	.....
Utah	3,138	.....	3	3,366	3,366
Washington	1,886	.....	40	40	40
Wyoming	1,717	.....	.....	.....	.....
Total	³ 456,988	³ 10	76	5,622	5,632

¹Act of June 1, 1938 (52 Stat. 609, 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.

³3 declassified in California; 7 declassified in Nevada.

PART 2

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 1977, a total of 401,976,000 acres from fire. Of this total, 7,162,000 acres were protected through contracts with State, private, or Federal fire protection agencies, and the remaining 394,814,000 acres by force account (table 97).

During the 1977, F.Y. 2,560,035 acres were burned (table 96). On land protected by contract, 305 fires burned 191,349 acres (table 96). The cost of contract protection for F.Y. 1977 was \$2,387,000 (table 96). On lands protected by force account, 2,360 fires burned 2,368,686 acres. The cost of suppression was \$54,008,000 (table 96).

Fire damage for F.Y. 1977 was \$25,459,700. Timber and reproduction losses amounted to \$14,094,700. Losses to watershed, recreation, range, wildlife forage, and other resources were \$11,365,000 (table 93).

In fiscal year 1977, 5,058 cases of unauthorized use were acted upon and 1,293 cases were closed. Pending at the end of the year were 3,765 cases (table 98). Unauthorized land occupancy made up a large portion of the cases. Collections totaled \$660,259 of this amount \$217,707 was received from timber trespass (table 100).

DEFINITIONS OF TERMS

Contract fire protection:

Fire protection rendered through formal contracts with other agencies or organizations for the complete job of fire protection on lands owned, leased, or controlled by the United States which are administered by the Bureau of Land Management.

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 of Land Management.

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 with the time the fire is discovered.

Trespass:

An unauthorized use of Federal lands and/or resources.

TABLE 93.—Area burned and resource damage by fires on/qr threatening lands administered by the Bureau of Land Management, fiscal year 1977

State	Area burned										Resource damage (hundred of dollars)					
	Forest						Nonforest	Total area	Timber value	Other damage 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	Federal	Other ²	Federal	Other ²		
Force account protection	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres						
Alaska	66,411	25,196	333,926	400,177	400,337	425,373	287,275	1,201,551	687,612	1,626,924	\$138,635	\$67,891	\$105,988	\$242,104	\$244,623	\$309,995
Arizona	14	.....	37	.....	51	.....	1,867	267	1,918	267	9	.....	767	234	776	234
California	2	1	701	2	703	3	655	268	1,358	271	14	.....	213	126	227	126
Colorado	185	1,423	3,019	275	3,204	1,698	394	4	3,598	1,702	907	59	450	1	1,357	60
Idaho	5	.....	129	191	134	191	9,579	4,115	9,713	4,306	3	.....	2,780	1,239	2,783	1,239
Montana ³	21	203	243	2,027	264	2,230	241	31	505	2,261	25	28	79	5	104	33
Nevada	2,446	4	306	34	2,752	38	3,544	6,252	6,296	6,290	82	2	1,688	1,317	1,770	1,319
New Mexico	1	3	154	.....	155	3	793	987	948	990	1	.....	296	93	297	93
Oregon	1,021	878	5	.....	1,026	878	715	1,792	1,741	2,670	289	163	148	549	437	712
Utah	445	641	501	1,763	946	2,404	415	537	1,361	2,941	31	66	71	300	102	366
Wyoming	895	7	1,727	4	2,622	11	1,554	827	4,176	838	816	1	560	251	1,376	252
Total force account protection	71,446	28,356	340,748	404,473	412,194	432,829	307,032	1,216,631	719,226	1,649,460	140,812	68,210	113,040	246,219	253,852	314,429
Contract protection																
Alaska .....	.....	6	.....	158	.....	164	.....	1,255	.....	1,419	.....	13	.....	885	.....	898
California	68	82	444	648	512	730	1,711	180,410	2,223	181,140	26	131	557	228,965	583	229,096
Idaho	2	.....	.....	.....	2	.....	90	841	92	841	.....	.....	20	363	20	363
Montana	5	.....	.....	.....	5	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....
Oregon	259	4,852	1	3	260	4,855	20	4	280	4,859	109	1,277	1	.....	110	1,277
Washington .....	.....	.....	40	250	40	250	200	.....	240	250	.....	.....	32	.....	32	.....
Total contract protection	334	4,940	485	1,059	819	5,999	2,021	182,510	2,840	188,509	135	1,421	610	230,213	745	231,634
Grand total	71,780	33,296	341,233	405,532	413,013	438,828	309,053	1,399,141	722,066	1,837,969	140,947	69,631	113,650	476,432	254,597	546,063

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

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

³Includes South Dakota.

TABLE 94.—*Fires suppressed on land administered by the Bureau of Land Management, fiscal year 1977*

State	Number of reportable fires by classes ¹														Total	
	A		B		C		D		E		F		G		Federal	Other
	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other
Force account protection																
Alaska	76	66	131	60	48	31	7	1	7	6	9	3	14	14	292	191
Arizona	18	22	22	23	4	5	.....	1	2	.....	1	.....	.....	.....	47	51
California	133	25	4	7	6	2	1	.....	2	.....	.....	.....	.....	.....	146	34
Colorado	222	33	41	5	15	2	2	.....	3	.....	1	1	.....	.....	284	41
Idaho	40	16	41	20	26	14	7	5	5	2	2	1	.....	.....	121	58
Montana ²	12	7	11	10	7	5	1	.....	.....	.....	.....	1	.....	.....	31	23
Nevada	158	64	44	14	16	4	4	.....	2	.....	2	.....	.....	1	226	83
New Mexico	6	6	9	3	1	1	1	.....	1	1	.....	.....	.....	.....	18	11
Oregon	263	53	28	16	20	7	3	2	1	1	.....	1	.....	.....	315	80
Utah	132	24	34	6	17	5	1	2	1	2	.....	.....	.....	.....	185	39
Wyoming	22	7	24	15	16	.....	3	2	4	1	.....	.....	.....	.....	69	25
Total force account protection	1,082	323	389	176	176	76	30	13	28	13	15	7	14	15	1,734	626
Contract protection																
Alaska .....	.....	80	.....	31	.....	7	.....	.....	.....	.....	.....	1	.....	.....	.....	119
California	20	2	7	.....	10	1	3	1	2	.....	1	.....	.....	1	43	5
Idaho	6	10	2	9	.....	6	.....	3	1	.....	.....	.....	.....	.....	9	28
Montana	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Oregon	56	11	17	1	7	2	1	.....	1	.....	1	1	.....	.....	83	15
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Total contract protection	83	103	27	41	17	16	4	4	4	1	2	2	.....	1	137	168
Grand total	1,165	426	416	220	193	92	34	17	32	14	17	9	14	16	1,871	794

TABLE 94.—Fires suppressed on land administered by the Bureau of Land Management, fiscal year 1977—Continued

State	Number of reportable fires by causes																			
	Lightning		Campfires		Smoking		Debris Burning		Incendiary		Equipment use		Railroads		Children		Miscellaneous		Total	
	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other	Federal	Other
Force account protection																				
Alaska	255	116	13	18	1	7	7	10	.....	3	3	5	.....	.....	.....	8	13	14	292	181
Arizona	43	5	.....	3	1	2	1	10	.....	1	.....	1	.....	1	.....	.....	2	28	47	51
California	99	11	2	.....	1	2	5	2	9	3	14	1	4	7	.....	.....	12	8	146	34
Colorado	272	35	4	.....	.....	.....	2	1	.....	.....	.....	.....	3	.....	.....	1	3	4	284	41
Idaho	56	10	5	2	1	2	19	16	20	6	5	2	2	8	.....	1	13	11	121	58
Montana ²	22	17	2	1	.....	1	1	2	.....	.....	1	.....	1	1	.....	.....	3	1	31	23
Nevada	178	39	4	.....	.....	.....	5	10	9	3	7	.....	5	14	1	.....	17	17	226	83
New Mexico	11	3	4	.....	2	5	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	1	18	11
Oregon	282	45	5	.....	5	3	4	9	5	2	5	5	4	8	.....	.....	5	8	315	80
Utah	161	29	1	2	3	1	9	2	3	2	.....	1	2	.....	1	.....	5	2	185	39
Wyoming	47	13	.....	.....	2	1	1	2	4	1	.....	.....	1	1	.....	.....	13	7	69	25
Total force account protection	1,426	323	40	26	16	24	54	65	50	21	35	16	22	40	4	10	87	101	1,734	626
Contract protection																				
Alaska .....	.....	22	.....	15	.....	5	.....	32	.....	2	.....	6	.....	3	.....	8	.....	26	.....	119
California	16	1	4	1	3	.....	6	2	7	1	1	.....	.....	.....	1	.....	5	.....	43	5
Idaho	7	2	.....	1	1	.....	1	.....	.....	8	.....	4	.....	.....	.....	3	.....	10	9	28
Montana	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Oregon	52	11	4	1	7	.....	5	1	7	1	2	.....	.....	.....	1	.....	5	1	83	15
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Total contract protection	76	36	8	18	11	5	12	35	14	12	3	10	.....	3	2	11	11	38	137	168
Grand total	1,502	359	48	44	27	29	66	100	64	33	38	26	22	43	6	21	98	139	1,871	794

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

²Includes South Dakota.

TABLE 95.—Number of fires by cause and damage on land administered by the Bureau of Land Management, fiscal year 1977

State	Campfire			Smoking			Debris Burning			Incendiary			Lightning		
	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)
Force account protection															
Alaska	13	16	9	1	.....	.....	7	702	478	.....	.....	.....	255	686,608	244,045
Arizona .....	.....	.....	.....	1	40	12	1	350	91	.....	.....	.....	43	1,499	664
California	2	.....	.....	1	.....	.....	5	225	52	9	41	13	99	1,071	148
Colorado	4	718	219	.....	.....	.....	2	1	27	.....	58	52	272	2,779	1,045
Idaho	5	10	5	1	5	1	19	689	257	20	796	339	56	3,920	791
Montana	2	.....	.....	.....	.....	.....	1	130	24	.....	.....	.....	22	292	64
Nevada	4	11	5	.....	.....	.....	5	2	.....	9	45	12	178	5,444	1,103
New Mexico	4	3	.....	2	750	260	.....	.....	.....	.....	.....	.....	11	188	35
Oregon	5	5	1	5	25	6	4	10	1	5	36	32	282	1,343	334
Utah	1	4	1	3	6	2	9	36	10	3	131	30	161	1,159	56
Wyoming .....	.....	.....	.....	2	76	37	1	50	12	4	24	10	47	2,118	781
Total force account protection	40	767	240	16	902	318	54	2,195	952	50	1,131	488	1,426	706,421	249,066
Contract protection															
Alaska .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California	4	.....	.....	3	280	201	6	60	5	7	119	39	16	1,552	241
Idaho .....	.....	.....	.....	1	.....	.....	1	90	20	.....	.....	.....	7	2	.....
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	.....
Oregon	4	.....	.....	7	69	17	5	15	.....	7	37	16	52	35	1
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total contract protection	8	.....	.....	11	349	218	12	165	25	14	156	55	76	1,594	242
Grand total	48	767	240	27	1,251	536	66	2,360	977	64	1,287	543	1,502	708,015	249,308

TABLE 95.—Number of fires by cause and damage on land administered by the Bureau of Land Management, fiscal year 1977—Continued

State	Equipment use			Railroad			Children			Miscellaneous			Total		
	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)	No. Fires	Acres Burned	Dollar damage (hundred)
Force account protection															
Alaska	3	15	3							13	271	88	292	687,612	244,623
Arizona		25	9							2	4		47	1,918	776
California	14	20	14							12	1		146	1,358	227
Colorado				3	21	9				3	21	5	284	3,598	1,357
Idaho	5	69	22	2	290	64		10	6	13	3,924	1,298	121	9,713	2,783
Montana	1	80	16	1	1		1			3	2		31	505	104
Nevada	7	141	18	5	83	11	1	5	1	17	565	620	226	6,296	1,770
New Mexico										1	7		2	18	948
Oregon	5			4	290	56				5	32	7	315	1,741	437
Utah				2	2		1			5	23	3	185	1,361	102
Wyoming				1	16	8	1			13	1,892	528	69	4,176	1,376
Total force account protection	35	350	82	22	703	148	4	15	7	87	6,742	2,551	1,734	719,226	253,852
Contract protection															
Alaska															
California	1	1					1	1		5	210	97	43	2,223	583
Idaho													9	92	20
Montana										1			2	5	
Oregon	2	50	54				1	24	10	5	50	12	83	280	110
Washington										5	240	32		240	32
Total contract protection	3	51	54				2	25	10	11	500	141	137	2,840	745
Grand total	38	401	136	22	703	148	6	40	17	98	7,242	2,692	1,871	722,066	254,597

TABLE 96.—*Summary of all fires suppressed by the Bureau of Land Management, fiscal year 1977*

Type of protection	Fires suppressed			Area burned			Protection cost		
	Public lands	Other lands	Total	Public lands	Other lands	Total	Presuppression and contract	Suppression	Total
	Number	Number	Number	Acres	Acres	Acres			
Force account	1,734	626	2,360	719,226	1,649,460	2,368,686	\$29,164,000	\$24,844,000	\$54,008,000
Contract	137	168	305	2,840	188,509	191,349	2,387,000	.....	2,387,000
Total	1,871	794	2,665	722,066	1,837,969	2,560,035	31,551,000	24,844,000	56,395,000

Note.—*Other lands* include adjacent non-Federal properties on which fires are fought to protect the Federal properties and land contracted to the Federal Government for protection.

TABLE 97.—Area and cost of protection of public lands administered by the Bureau of Land Management, 1977

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	Cents	Cents	Cents	Cents	Cents	Thousands of dollars	
Alaska		1,248	220,752	222,000	.....	4.7	4.7	13.3	13.3	.....	59	59	10,871	18,504	29,375	29,434
Arizona			12,601	12,601	.....					.....			345	247	592	592
California	70	2,302	15,920	18,292	27.1	35.8	35.5	4.7	4.7	19	823	842	972	522	1,494	2,336
Colorado			8,432	8,432	.....					.....			1,434	1,238	2,672	2,672
Idaho	181	394	12,767	13,342	51.9	19.0	29.4	15.0	15.6	94	75	169	1,408	503	1,911	2,080
Montana		159	8,311	8,470	.....	20.1	20.1	7.3	7.6	.....	32	32	440	168	608	640
Nevada			48,636	48,636	.....			3.2	3.2	.....			1,193	351	1,544	1,544
New Mexico	26		13,123	13,149	.....			2.0	2.0	.....			173	94	267	267
North Dakota			68	68	.....					.....			.....	.....	.....	.....
Oregon	44	2,584	13,162	15,790	47.7	47.5	47.5	17.9	22.8	21	1,227	1,248	1,793	564	2,357	3,605
South Dakota		19	258	277	.....					.....			.....	.....	.....	.....
Utah			22,663	22,663	.....			4.2	4.2	.....			542	408	950	950
Washington	37	98		135	59.5	15.3	27.4		27.4	22	15	37	.....	.....	.....	37
Wyoming			18,121	18,121	.....			3.0	3.0	.....			264	279	543	543
Boise Intercency Fire Center .....					.....					.....			2,494	6,890	9,384	9,384
Denver Service Center .....					.....					.....			4,929	4,926	3	3
Eastern States Office .....					.....					.....			3	.....	3	3
Washington, D.C. .....					.....					.....			2,303	2	2,305	2,305
Total	358	6,804	394,814	401,976	43.6	32.8	33.3	13.7	14.0	156	2,231	2,387	29,164	24,844	54,008	56,395

TABLE 98.—Trespass operations, 1977

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana	Nevada	New Mexico	Oregon		Utah	Washington	Wyoming	Other States	Total
	Anchorage	Fairbanks								Western	Eastern					
	Number	Number								Number	Number					
Agriculture:																
Pending—October 1, 1976			17	14		90	12	3	3		5	26	5	11	1	187
New cases 1977			3	7		143	11	5			4	28	2	4		207
Cases closed 1977			4	1		38	3	3			3	4		1		57
Pending September 30, 1977			16	20		195	20	5	3		6	50	7	14	1	337
Fire:																
Pending October 1, 1976				54		66				4		1				125
New cases 1977	1	2	1	5		29				2				1		41
Cases closed 1977		1	1			7				1		1				11
Pending— September 30, 1977	1	1		59		88				5					1	155
Grazing:																
Pending—October 1, 1976	1		3	34	16	53	8	51	3	8	16	40		51		284
New cases 1977	3		36	38	80	146	5	129	50	6	98	204	8	87		890
Cases closed 1977			34	30	64	133	3	106	40	5	97	105	8	60		685
Pending September 30, 1977	4		5	42	32	66	10	74	13	9	17	139		78		489
Material:																
Pending—October 1, 1976	11	5	6	13	2	5	1	3	2		1	2		17		68
New Cases 1977	3	1	8	1		11	3	3	1	1	2	7		60		101
Cases closed 1977		1	7			5		4	3	1	2	6		50		79
Pending September 30, 1977	14	5	7	14	2	11	4	2			1	3		27		90
Mineral:																
Pending—October 1, 1976		2		26		3	4	1	1	2	1	4		8		52
New Cases 1977		3		4	1	2		11	1		4	4		1	2	29
Cases closed 1977					1	3	1	12		1	1	1		3		22
Pending September 30, 1977		5		30		2	3		2	1	1	7		6	2	59
Occupancy:																
Pending October 1, 1976	190	81	37	67	7	70	14	42	1,017	162	5	31	5	12	1	1,741
New Cases 1977	63	60	27	88	5	26	36	16	3	22	4	14	3	3		370
Cases closed 1977	4	58	29	38	1	10	5	14	2	25	5	6	1	1	1	200
Pending September 30, 1977	249	83	83	117	11	86	45	44	1,018	159	4	39	7	14		1,911

Rights-of-way:																		
Pending—October 1, 1976	5	1	11	18	27	12	13	6	271	10	7	5	.....	12	1			399
New Cases 1977	5	.....	12	6	8	3	14	3	10	3	2	12	.....	4	4	.....	1	86
Cases closed 1977	.....	.....	12	4	2	8	1	1	6	4	.....	10	.....	.....	.....	.....	1	49
Pending																		
September 30, 1977	10	1	11	20	33	7	26	8	275	9	9	7	.....	4	16	.....	.....	436
Timber:																		
Pending—October 1, 1976	13	1	.....	21	1	18	.....	.....	.....	119	4	1	.....	1	.....	.....	.....	179
New Cases 1977	2	.....	.....	24	4	6	8	1	2	96	3	2	.....	1	.....	.....	.....	149
Cases closed 1977	1	.....	.....	20	4	4	3	1	2	87	4	2	.....	1	.....	.....	.....	129
Pending																		
September 30, 1977	14	1	.....	25	1	20	5	.....	.....	128	3	1	.....	1	.....	.....	.....	199
Unlawful enclosure:																		
Pending—October 1, 1976	.....	1	1	1	.....	3	1	2	.....	.....	1	6	.....	.....	.....	.....	.....	16
New Cases 1977	.....	.....	2	.....	2	.....	2	8	2	.....	1	5	.....	.....	.....	.....	.....	22
Cases closed 1977	.....	.....	2	.....	2	.....	1	3	1	.....	.....	6	.....	.....	.....	.....	.....	17
Pending																		
September 30, 1977	.....	1	1	1	.....	1	2	7	1	.....	2	5	.....	.....	.....	.....	.....	21
Water:																		
Pending—October 1, 1976	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Cases 1977	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cases closed 1977	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pending																		
September 30, 1977	.....	2	.....	2	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2	.....	.....	8
Other:																		
Pending—October 1, 1976	19	.....	2	9	6	3	.....	.....	3	.....	5	3	.....	1	.....	.....	.....	51
New Cases 1977	14	.....	8	9	4	1	1	1	10	.....	2	3	.....	.....	.....	.....	.....	53
Cases closed 1977	16	.....	4	10	3	1	.....	.....	7	.....	3	.....	.....	.....	.....	.....	.....	44
Pending																		
September 30, 1977	17	.....	6	8	7	3	1	1	6	.....	4	6	.....	1	.....	.....	.....	60
Total:																		
Pending—Oct. 1, 1976	239	91	77	259	59	323	53	109	1,300	305	45	119	.....	11	112	3	.....	3,105
New Cases 1977	91	68	97	182	104	367	81	177	79	130	116	279	.....	18	162	2	.....	1,953
Cases closed 1977	21	60	93	103	77	211	17	144	61	124	114	141	.....	10	115	2	.....	1,293
Pending																		
September 30, 1977	309	99	81	338	86	479	117	142	1,318	311	47	257	.....	19	159	3	.....	3,765

Note: Western Oregon includes public lands west of Range 9E, Willamette Meridian; eastern Oregon includes public lands east of Range 8E, Willamette Meridian.

TABLE 99.—*Volume and value of timber cut in trespass, 1977*

State	Number of trespasses	Volume of timber cut MBF	Value of nontimber forest products	Total value
Idaho	1	16	.....	\$792.00
Montana	4	304	.....	6,844.00
Oregon:				
Western	79	1,174	\$36.00	114,328.33
Eastern	1	108	.....	3,481.00
Total	85	1,602	36.00	125,445.33

TABLE 100.—Trespass collections, 1977

	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			3	\$276.75							9	\$475.90	12	\$752.65
Fairbanks	1	\$10,500.00					2	\$803.75					3	11,303.75
Arizona	1	42,639.00			26	\$8,311.50	1	240.00	2	\$241.66	9	2,285.90	39	53,718.06
California			8	6,228.92	27	7,165.78	7	4,459.18			7	1,425.22	49	19,279.10
Colorado			4	187.79	51	4,397.06	1	404.62			8	1,794.30	64	6,783.77
Idaho	2	88,340.00	5	5,028.00	111	16,871.00	3	1,450.00	29	24,970.00	14	16,035.00	164	152,694.00
Montana			3		3	437.00	5				1		13	4,175.20
Nevada					103	49,840.89			1	3,738.20	6	10,625.21	119	60,466.10
New Mexico			2	27.00	45	1,784.77	1	160.00			16	1,781.39	54	3,753.16
Oregon:														
Western	1	750.00	83	204,103.68	5	574.00					5	1,987.60	94	207,415.28
Eastern			1	234.00	79	18,611.34			2	156.96			82	19,002.30
South Dakota									1	137.45			1	137.45
Utah			2	1,621.00	95	4,130.00	8	354.00	2	27.00	3	725.00	110	6,857.00
Washington					4	828.00	1	1,830.00					5	2,658.00
Wyoming					52	6,454.00			1	750.00	7	104,060.00	60	111,264.00
Total	5	142,229.00	111	217,707.14	601	119,405.34	29	9,701.55	38	30,021.27	85	141,195.52	869	660,259.82

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

PART 2

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 divisions and 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 area 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 402,504,469 acres of land remaining to be surveyed at the close of fiscal year 1977, more than 77 percent is in Alaska (Table 101). 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 nonpermanent material which have since been obliterated by the elements or by man-made developments.

There is now an urgent need for a resurvey 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 fiscal year 1977, 2,762,941 acres of land were encompassed by cadastral surveys, which were officially accepted. Approximately 46 percent of this area was represented by resurveys (Table 102). 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.

DEFINITIONS OF TERMS

Cadastral survey:

A survey relating to land 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.

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.

Original survey:

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

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.

Resurvey:

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

Special survey:

A cadastral survey other than at 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.

TABLE 101.—*Surveyed and unsurveyed lands in the public land States, 1786 to present*

State	Surveyed	Unsurveyed
	Acres	Acres
Alabama	32,544,640	.....
Alaska	51,192,048	311,323,932
Arizona	61,634,985	11,045,335
Arkansas	33,392,000	.....
California	90,996,360	9,187,320
Colorado	62,701,395	3,726,765
Florida	34,648,862	.....
Idaho	44,058,042	8,855,238
Illinois	35,760,019	.....
Indiana	23,160,960	.....
Iowa	35,867,520	.....
Kansas	52,515,840	.....
Louisiana	28,884,130	.....
Michigan	36,363,793	.....
Minnesota	50,745,053	.....
Mississippi	30,309,120	.....
Missouri	44,189,441	.....
Montana	83,542,011	9,643,909
Nebraska	48,974,080	.....
Nevada	50,859,734	19,469,226
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	43,875,267	8,848,573
Washington	36,415,807	6,248,513
Wisconsin	34,859,436	.....
Wyoming	55,580,844	6,678,996
Total	1,398,245,059	402,504,469

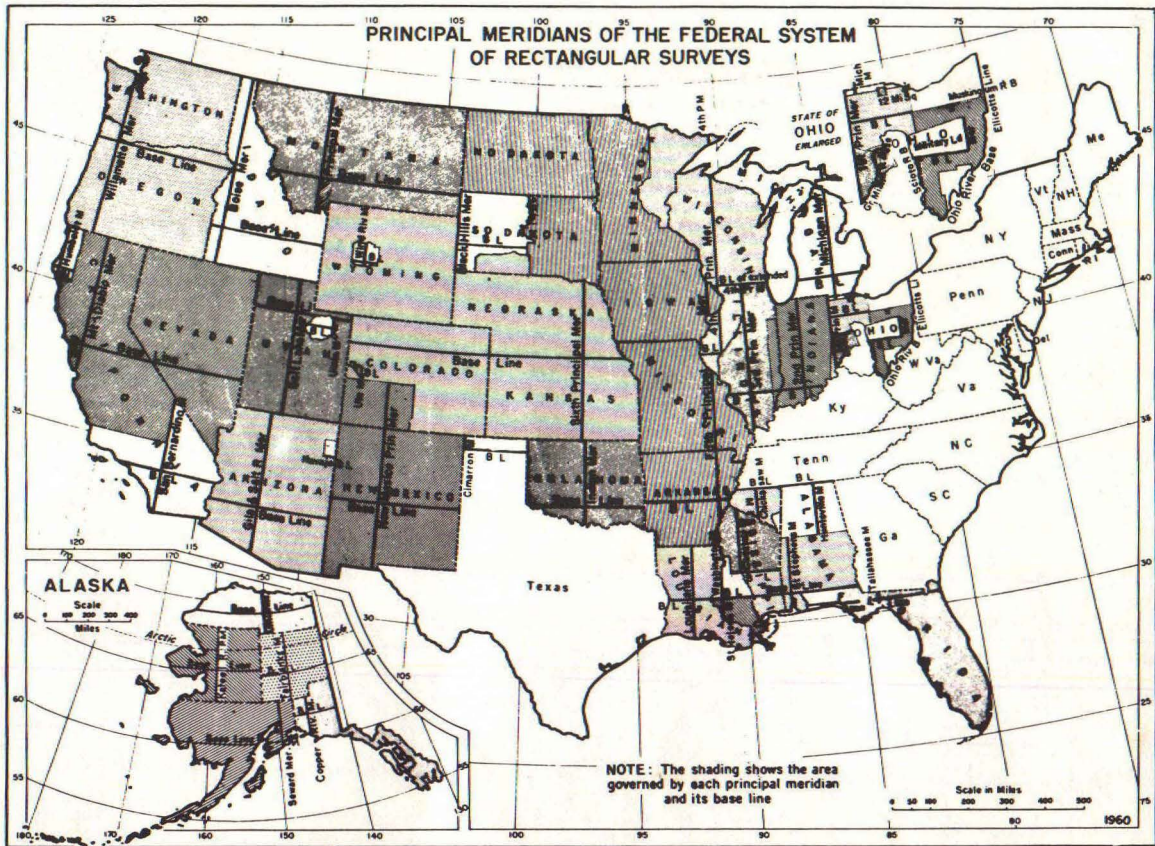


TABLE 102.—Cadastral survey actions completed, 1977

State	Bureau of Land Management				Other			
	Original surveys	Resurveys	Miles of line surveyed	Monuments set	Original surveys	Resurveys	Miles of line surveyed	Monuments set
Alaska	Acres ¹ 1,459,981	Acres 66	² 1,130	Number ³ 1,702	Acres ⁴ 1,647	Acres .....	.....	Number ⁵ 306
Arizona	19,416	7711	⁸ 89	⁹ 149	.....	¹⁰ 8,176	¹¹ 107	¹² 351
Arkansas .....	.....	.....	.....	.....	.....	¹³ 3,520	¹⁴ 60	¹⁵ 88
California	584	52,999	338	687	¹⁶ 798	¹⁷ 8,362	¹⁸ 187	¹⁹ 2,803
Colorado .....	.....	²⁰ 87,107	²¹ 616	²² 1,205	.....	²³ 705	.....	²⁴ 24
Idaho .....	.....	²⁶ 2,390	²⁷ 33	²⁸ 86	.....	¹⁶ 3,145	²⁹ 43,122	³⁰ 272
Minnesota .....	.....	.....	.....	.....	.....	³² 20	³² 1,518	³³ 111
Missouri .....	.....	.....	.....	.....	.....	³⁴ 25,220	³⁴ 373	³⁴ 2,128
Montana	2,203	58,235	386	1,147	.....	.....	.....	³⁵ 828
Nebraska .....	.....	.....	.....	.....	.....	²³ 201,670	²³ 726	²³ 2,870
Nevada .....	.....	192,326	³⁶ 710	³⁷ 1,194	.....	³² 4,376	³² 69	³² 150
New Mexico .....	.....	³⁹ 112,697	⁴⁰ 461	⁴¹ 757	.....	⁴² 7,872	⁴³ 67	⁴⁴ 147
North Dakota .....	.....	.....	.....	.....	.....	²³ 120,214	²³ 475	²³ 1,706
Oregon .....	.....	91,379	538	1,188	¹⁶ 11,548	¹⁶ 15,951	¹⁶ 150	¹⁶ 2,485
South Dakota .....	.....	.....	.....	.....	.....	²³ 106,880	²³ 370	⁴⁶ 1,499
Utah .....	.....	14,074	98	183	.....	¹⁶ 13,080	¹⁶ 104	¹⁶ 182
Virginia .....	.....	.....	.....	.....	.....	.....	4715	47250
Washington .....	.....	.....	.....	.....	.....	481,775	49101	50710
Wisconsin	137	1,121	13	25	.....	³² 4,177	³² 55	³² 58
Wyoming .....	.....	79,869	407	830	.....	⁵¹ 3,870	⁵² 62	⁵³ 111
Total	1,482,321	692,974	4,819	9,153	17,158	570,488	3,293	17,966

TABLE 102.—Cadastral survey actions completed—1977—Continued

Grand totals				Plats accepted			Mineral surveys			
Original surveys	Resurveys	Miles of line surveyed	Monuments set	Field surveys	Supplemental plats	Pro traction diagrams approved	Number	Lodes	Placers	Millsites
Acres	Acres		Number	Number	Number	Number				
1,461,628	66	1,186	2,008	255	11	16	4	2	4	.....
19,416	8,887	196	500	23	4	.....	14	218	1	250
.....	3,520	60	88	4	.....	.....	.....	.....	.....	.....
1,382	61,361	525	3,490	48	9	.....	3	18	1	1
.....	87,812	640	1,252	35	1	.....	1	10	.....	.....
3,145	45,512	305	1,222	25	.....	1	.....	.....	.....	.....
20	1,518	20	111	9	.....	.....	.....	.....	.....	.....
.....	25,220	373	2,128	37	.....	.....	.....	.....	.....	.....
2,203	58,235	386	1,975	27	3	.....	12	98	.....	1
.....	201,670	726	2,870	18	.....	.....	.....	.....	.....	.....
.....	196,702	779	1,344	30	2	.....	1	.....	1	.....
.....	120,569	528	904	16	.....	.....	2	72	.....	.....
.....	120,214	475	1,706	23	.....	.....	.....	.....	.....	.....
.....	107,330	688	3,673	46	.....	3	.....	.....	.....	.....
11,548	106,880	370	1,499	9	1	.....	3	12	.....	.....
.....	27,154	202	365	10	1	.....	1	.....	.....	.....
.....	.....	15	250	5	.....	.....	.....	.....	.....	.....
.....	1,775	101	710	18	1	.....	1	1	.....	.....
137	5,298	68	83	6	.....	.....	.....	.....	.....	.....
.....	83,739	469	941	23	.....	.....	4	59	.....	.....
1,499,479	1,263,462	8,112	27,119	667	33	23	45	490	7	252

¹Rectangular surveys, 18,256 acres; State selection, 930,640 acres; townsites, 213 acres; private applicants, 1,131 acres; Alaska Native Claims Settlement Act selection, 509,741 acres.

²Rectangular surveys, 85 miles; State selection, 643 miles; townsites, 16 miles; private applicants, 25 miles; Alaska Native Claims Settlement Act selection, 351 miles; dependent resurveys, 10 miles.

³Rectangular surveys, 220 monuments; State selection, 306 monuments; townsites, 465 monuments; private applicants, 145 monuments; Alaska Native Claims Settlement Act selection, 524 monuments; dependent resurveys, 42 monuments.

⁴Deposits by private applicants, 1,646 acres; reimbursable by the Corps of Engineers, 1 acres.

⁵Deposits by private applicants, 45 miles; reimbursable by the Forest Service, 11 miles.

⁶Deposits by private applicants, 274 monuments; reimbursable by the Corps of Engineers, 2 monuments; reimbursable by the Forest Service, 22 monuments; Bureau of Land Management remonumentation program, 8 monuments.

⁷Requested by the Forest Service, 640 acres.

⁸Requested by the Forest Service, 14 miles.

⁹Requested by the Forest Service, 37 monuments.

¹⁰Deposit by private applicant, 171 acres; reimbursable by the Bureau of Indian Affairs, 1,925 acres; reimbursable by the Bureau of Reclamation, 3,200 acres; reimbursable by the National Park Service, 2,880 acres.

¹¹Deposit by private applicant, 5 miles; reimbursable by the Bureau of Indian Affairs, 20 miles; reimbursable by the Bureau of Reclamation, 26 miles; reimbursable by the Fish and Wildlife Service, 20 miles; reimbursable by the National Park Service, 36 miles.

¹²Deposit by private applicant, 19 monuments; reimbursable by the Bureau of Indian Affairs, 40 monuments; reimbursable by the Bureau of Reclamation, 67 monuments; reimbursable by the Fish and Wildlife Service, 41 monuments; reimbursable by the National Park Service, 104 monuments; Forest Service remonumentation program, 80 monuments.

¹³Reimbursable by the Forest Service, 3,520 acres.

¹⁴Reimbursable by the Forest Service, 60 miles.

¹⁵Reimbursable by the Forest Service, 88 monuments.

¹⁶Reimbursable by the Forest Service.

¹⁷Reimbursable by the Bureau of Indian Affairs, 1,819 acres; reimbursable by the Forest Service, 6,231 acres; reimbursable by the National Park Service, 312 acres.

¹⁸Reimbursable by the Bureau of Indian Affairs, 61 miles; reimbursable by the Forest Service, 81 miles; reimbursable by the National Park Service, 45 miles.

¹⁹Reimbursable by the Bureau of Indian Affairs, 263 monuments; reimbursable by the Forest Service, 241 monuments; reimbursable by the National Park Service, 110 monuments; Forest Service remonumentation program, 2,189 monuments.

²⁰Requested by the Forest Service, 4,481 acres.

²¹Reimbursable by the Forest Service, 62 miles.

²²Requested by the Forest Service, 166 monuments.

²³Reimbursable by the Bureau of Reclamation.

²⁴Reimbursable by the Bureau of Reclamation, 7 miles; reimbursable by the National Park Service, 17 miles.

²⁵Reimbursable by the Bureau of Reclamation, 31 monuments; reimbursable by the National Park Service, 16 monuments.

²⁶Requested by the Forest Service, 1,120 acres.

²⁷Requested by the Forest Service, 18 miles.

²⁸Requested by the Forest Service, 61 monuments.

²⁹Deposit by private applicant, 3 acres; reimbursable by the Bureau of Indian Affairs, 1 acre; reimbursable by the Forest Service, 42,638 acres; reimbursable by the National Park Service, 480 acres.

³⁰Requested by the Bureau of Indian Affairs, 1 mile; reimbursable by the Forest Service, 228 miles; reimbursable by the National Park Service, 43 miles.

³¹Deposit by private applicant, 4 monument; reimbursable by the Bureau of Indian Affairs, 6 monuments; reimbursable by the Forest Service, 500 monuments; reimbursable by the National Park Service, 51 monuments; Forest Service remonumentation program, 575 monuments.

³²Reimbursable by the Bureau of Indian Affairs.

³³Bureau of Indian Affairs, 27 monuments; Forest Service remonumentation program, 84 monuments.

³⁴Reimbursable by the Corps of Engineers.

³⁵Bureau of Land Management remonumentation program, 104 monuments; Forest Service remonumentation program, 724 monuments.

³⁶Requested by the Forest Service, 8 miles.

³⁷Requested by the Forest Service, 32 monuments.

³⁸Reimbursable by the Bureau of Indian Affairs, 134 monuments; Forest Service remonumentation program, 16 monuments.

³⁹Requested by the Forest Service, 8,128 acres.

⁴⁰Requested by the Forest Service, 90 miles.

⁴¹Requested by the Forest Service, 114 monuments.

⁴²Reimbursable by the Forest Service, 6,592 acres; reimbursable by the National Park Service, 1,280 acres.

⁴³Reimbursable by the Forest Service, 43 miles; reimbursable by the National Park Service, 24 miles.

⁴⁴Reimbursable remonumentation by the Bureau of Indian Affairs, 34 monuments; reimbursable by the Forest Service, 93 monuments; reimbursable by the National Park Service, 20 monuments.

⁴⁵Reimbursable by the Forest Service, 372 monuments; Bureau of Land Management remonumentation program, 710 monuments; Forest Service remonumentation program, 1,403 monuments.

⁴⁶Reimbursable by the Bureau of Reclamation, 1,249 monuments; Forest Service remonumentation program, 250 monuments.

⁴⁷Reimbursable by the National Park Service.

⁴⁸Reimbursable by the Forest Service, 1,295 acres; reimbursable by the National Park Service, 480 miles.

⁴⁹Reimbursable by the Bureau of Indian Affairs, 26 miles; reimbursable by the Forest Service, 16 miles; reimbursable by the National Park Service, 59 miles.

⁵⁰Reimbursable by the Bureau of Indian Affairs, 65 monuments; reimbursable by the Forest Service, 37 monuments; reimbursable by the National Park Service, 104 monuments; reimbursable remonumentation by the National Park Service, 17 monuments; Bureau of Land Management remonumentation program, 487 monuments.

⁵¹Reimbursable by the Bureau of Reclamation, 3,188 acres; reimbursable by the National Park Service, 682 acres.

⁵²Reimbursable by the Bureau of Reclamation, 49 miles; reimbursable by the National Park Service, 682 acres.

⁵³Reimbursable by the Bureau of Reclamation, 69 monuments; reimbursable by the National Park Service, 42 monuments, 866 acres.

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.

DEFINITION OF TERMS

Geographical mile:

A unit of measurement 6076.10 feet in length, except offshore Louisiana, where the value is 6080.20 feet.

Protraction diagram:

A diagram on which the information shown is based on computed values rather than physical surveys.

TABLE 103.—*Protracted surveys in the Federal offshore areas, 1977*

Administering OCS Office	1977		Prior to 1977 ¹		Revised in 1977 ²
	Acres	No. of diagrams	Acres	No. of diagrams	No. of diagrams
Alaska	184,240,300	50	176,788,700	52	.....
New Orleans	19,367,400	6	197,087,300	85	19
New York	19,925,900	5	57,302,900	22	3
Pacific	82,086,300	21	43,665,300	14	4
Total	305,617,900	82	474,844,200	173	26

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.

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.

PART 3

ADJUDICATION, APPEALS AND HEARINGS

Adjudication operations started the fiscal year with a workload of 61,057 cases. New cases received and cases reactivated during the year added another 101,951 to this figure. The Bureau closed 93,609 cases (table 108). The unclosed adjudication caseload at the end of the year was 69,399.

Appeals from the Bureau of Land Management decisions numbered 1,608 cases at the beginning of the year. During the year 1,175 more cases were received. There were 848 cases closed during fiscal 1977 (table 110).

Bureau Hearings operations started the year with 264 cases. During the year 154 cases were received. There were 181 cases closed during 1976 (table 111).

DEFINITIONS OF TERMS

Adjudication:

The interpretation of statutes and regulations, and their application to a particular set of facts.

Appeal:

The regulations governing the Bureau's operations give all parties adversely affected by a decision of an officer of the Bureau of Land Management or of an examiner the right to appeal to the Board of Land Appeals (43 CFR 1842.2).

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 the facts, laws and reasoning which require that disposition.

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 Hearings Procedures (43 CFR 1850).

TABLE 104.—New adjudication cases received, 1977

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana	Nevada
	Anchorage	Fairbanks						
Non-mineral Cases:								
Other Lands Cases (n.e.s.)		8	7	23	11	1		4
Exchanges			5	17	13	4	8	5
Homesteads		3						
Desert Lands			14	3	1	109		
Native Allotments		3		23			413	1
Color-of-Title				5				1
Mining Claims Occupancy Act								
T&M, Homesites, Headquarters Sites		9						
Townsites						1		
State Grants	93	135	1	2		37		
Native Selections								
Village Selections								
Regional Selections		44						
Miscellaneous Selections	122	3						
Native Reserves								
Public Sales				4	4	3	2	
Public Sales (1964 Act)								
Small Tract				1	1			
Recreation and Public Purposes Sales	3	7	9	17	1	6	9	4
Alaska Public Sale								
Rights-of-Way		27	138	108	93	93	91	87
Non-mineral Leases	4	7	1	1		1		11
Non-mineral Permits	4	1			10		5	
Total Non-mineral Cases	226	247	176	204	134	255	528	113
Oil and Gas Leasing:								
Other Permits and Leases							1	
Assignments and Transfers	243	408	217	412	2,874	874	3,519	2,592
Non-competitive (PD)			148	31	209	757	532	3,718
Non-competitive (ACQ)			7	70	73	69	308	3
Simultaneous (PD)			44	118	571	28	1,238	376
Simultaneous (ACQ)				2	104		424	
Competitive (PD)				2			29	
Competitive (ACQ)							10	
Outer Continental Shelf								
Total Oil and Gas Leasing	243	408	416	635	3,831	1,728	6,061	6,689

Other Mineral Leasing: (Leases, Permits and Assignments)								
Outer Continental Shelf								
Coal		2			15	1	12	
Potassium					1			12
Sodium			1			2		2
Phosphate			1					1
Oil Shale								
Sulphur								
Hardrock (Reorg. Plan #3)				2	1	1	30	
Other			10					1
Total Other Mineral Leasing			11	3	19	4	42	16
Geothermal Leasing:								
Non-competitive			11	96	18	110		164
Simultaneous								
Competitive				2		7		18
Assignments and Transfers			9	21		27		40
Total Geothermal Leasing			20	119	18	144		222
Mineral Entries and Investigations:								
Public Law 167—BLM								
Public Law 167—USFS								
Public Law 357, 359, 585		41		3	1	102		
Mineral Entries BLM and Others	5	2	7	4	5	3		2
Mineral Entries—USFS			4	12	1	1		
Mineral Classification								
Land Disposal Conflicts			14					37
Multiple-use Conflicts (non-disposal)			60	42	5	31	7	
Reimbursable Investigations			37	21				
Other Mineral Cases (n.e.s.)		2,597	2,377	142		2	1	
Total Entries and Investigations	5	2,640	2,499	224	12	139	8	39
Other Transactions:								
Withdrawals and Reservations	8	36	2	6	11	2	4	2
Restorations and Revocations	1	1	5	9	8	8	7	21
Mineral Material Disposal	2	15	31					
Total Other Transactions	11	52	38	15	19	10	11	23
Grand Total	485	3,349	3,160	1,200	4,031	2,280	6,650	7,102

TABLE 104.—New adjudication cases received, 1977—Continued

Type of case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Other States	Outer Continental Shelf	Total
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	4		6		1			65
Exchanges		16	7	6	1	1		83
Homesteads		1			1			6
Desert Lands		3			4			134
Native Allotments	57			42	38	13		590
Color-of-Title	6	1	1			9		23
Mining Claims Occupancy Act								
T&M, Homesites, Headquarters Sites								9
Townsites			2	2				5
State Grants	1		37	3		2		311
Native Selections								
Village Selections								
Regional Selections								44
Miscellaneous Selections								125
Native Reserves								
Public Sales		3		1	2			19
Public Sales (1964 Act)								
Small Tract	2	1		1				6
Recreation and Public Purposes Sales	11	4	6	4	8			89
Alaska Public Sale								
Rights-of-Way	604	76	127	14	245	2	72	1,777
Non-mineral Leases			1		1			27
Non-mineral Permits			3		3			26
Total Non-mineral Cases	685	105	190	73	304	27	72	3,339
Oil and Gas Leasing:								
Other Permits and Leases								1
Assignments and Transfers	4,544	75	3,964	18	15,158	946	508	36,347
Non-competitive (PD)	375	84	2,173	7	402	25		8,461
Non-competitive (ACQ)	222	11	43		57	567		1,430
Simultaneous (PD)	957	22	1,023		2,928	43		7,348
Simultaneous (ACQ)	70	3	1		64	380		1,048
Competitive (PD)	104		76		112	16		339
Competitive (ACQ)	10				5	11		36
Outer Continental Shelf							3,061	3,061
Total Oil and Gas Leasing	6,282	195	7,280	25	18,726	1,988	3,564	58,071

Other Mineral Leasing: (Leases, Permits and Assignments)								
Outer Continental Shelf			4					103
Coal	31				34	4		177
Potassium	35	1	126		2			17
Sodium	1	4			7			5
Phosphate			2			1		
Oil Shale								
Sulphur								
Hardrock (Reorg. Plan #3)	21			1		166		222
Other								11
Total Other Mineral Leasing	88	5	132	1	43	171		535
Geothermal Leasing:								
Non-competitive	57	69	97		20	20		642
Simultaneous		8	7					66
Competitive	24							207
Assignments and Transfers	10	79	19		2			
Total Geothermal Leasing	91	156	123		22			915
Mineral Entries and Investigations:								
Public Law 167—BLM		2						2
Public Law 167—USFS								
Public Law 357, 359, 585		27						174
Mineral Entries—BLM and Others	4	1		1	2	1		37
Mineral Entries—USFS	2	1	1					22
Mineral Classification					15			15
Land Disposal Conflicts								51
Multiple-use Conflicts (non-disposal)		68		4	16			233
Reimbursable Investigations		6						64
Other Mineral Cases (n.e.s.)	1	4	45	1	8			5,178
Total Entries and Investigations	7	109	46	6	41	1		5,776
Other Transactions:								
Withdrawals and Reservations	2	4	10	2	1	3		93
Restorations and Revocations	3	9	4		5	3		84
Mineral Material Disposal	8				38			94
Total Other Transactions	13	13	14	2	44	6		271
Grand Total	7,166	583	7,785	107	19,180	2,193	3,636	68,907

¹Includes North Dakota and South Dakota.

²Includes Oklahoma and Texas.

TABLE 105.—Adjudication cases reactivated, 1977

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ¹	Nevada
	Anchorage	Fairbanks						
Non-mineral Cases:								
Other Lands Cases (n.e.s.)				2	3			2
Exchanges			1	1	67		3	
Homesteads	8		1		8	9	8	
Desert Lands				1	1	20		2
Native Allotments	142			1	1			
Color-of-Title					1	1		
Mining Claims Occupancy Act				5	6			
T&M, Homesites, Headquarters Sites	1							
Townsites						1		
State Grants			1		2			
Native Selections								
Village Selections	10							
Regional Selections	1							
Miscellaneous Selections								
Native Reserves								
Public Sales				1	50		2	
Public Sales (1964 Act)								
Small Tract			1	6	5			
Recreation and Public Purposes Sales			29	18	36	5	38	8
Alaska Public Sale								
Rights-of-Way		22	269	361	701	227	76	145
Non-mineral Leases		30	3	2	2		3	5
Non-mineral Permits			22		93		4	7
Total Non-mineral Cases	162	52	327	398	976	263	134	169
Oil and Gas Leasing:								
Other Permits and Leases							613	
Assignments and Transfers					38		6	
Non-competitive (PD)			5	20	4,752		3,937	85
Non-competitive (ACQ)				2	262		1,000	
Simultaneous (PD)				16				
Simultaneous (ACQ)								
Competitive (PD)				6			110	
Competitive (ACQ)					1		19	
Outer Continental Shelf								
Total Oil and Gas Leasing			5	44	5,053		5,685	85

Other Mineral Leasing:								
(Leases, Permits, and Assignments)								
Outer Continental Shelf								
Coal				166		11		
Potassium				10				
Sodium			1	8				33
Phosphate			1		3	3		
Oil Shale				7				
Sulphur								
Hardrock (Reorg. Plan #3)				31		13		
Other			3	18				2
Total Other Mineral Leasing			5	240	3	27		35
Geothermal Leasing:								
Non-competitive				3	38		1	75
Simultaneous								
Competitive								
Assignments and Transfers								
Total Geothermal Leasing			3	38		1		75
Mineral Entries and Investigations:								
Public Law 167—BLM					6			
Public Law 167—USFS				8	9			
Public Law 357, 359, 585				14	12			
Mineral Entries BLM and Others				2	21	2	3	2
Mineral Entries—USFS					9	4	2	
Mineral Classification								
Land Disposal Conflicts								
Multiple-use Conflicts (non-disposal)			1		29		1	
Reimbursable Investigations								
Other Mineral Cases (n.e.s.)			94	54	2			
Total Entries and Investigations			95	78	88	6	6	2
Other Transactions:								
Withdrawals and Reservations	18	1	1	1	87		2	
Restorations and Revocations				1	39		1	
Mineral Material Disposal		6	54					3
Total Other Transactions	18	7	55	2	126		3	3
Grand Total	180	59	487	525	6,521	272	5,856	369

TABLE 105.—Adjudication cases reactivated, 1977—Continued

Type of case	New Mexico	Oregon	Utah	Washington	Wyoming	Other States	Outer Continental Shelf	Total
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	9		5			214		235
Exchanges	7	77	5	32				193
Homesteads	1							35
Desert Lands				2	2			26
Native Allotments	3							149
Color-of-Title	44							46
Mining Claims Occupancy Act								11
T&M, Homesites, Headquarters Sites								1
Townsites			2	1				4
State Grants	4			5				12
Native Selections								
Village Selections								10
Regional Selections								1
Miscellaneous Selections								
Native Reserves								
Public Sales	18	1	14					86
Public Sales (1964 Act)								
Small Tract		12	2					26
Recreation and Public Purposes Sales	69	22	45	28	2	7		307
Alaska Public Sale								
Rights-of-Way	1,597	76	145	15	129		16	3,779
Non-mineral Leases		2	2					49
Non-mineral Permits								126
Total Non-mineral Cases	1,752	190	220	83	133	221	16	5,096
Oil and Gas Leasing:								
Other Permits and Leases								613
Assignments and Transfers	20						3	67
Non-competitive (PD)	4,062		1,956	5	1,793			16,615
Non-competitive (ACQ)	154		3	2	21			1,444
Simultaneous (PD)	612	2			4,234			4,864
Simultaneous (ACQ)	68				61			129
Competitive (PD)	1		32		127			276
Competitive (ACQ)	2				5			27
Outer Continental Shelf							690	690
Total Oil and Gas Leasing	4,919	2	1,991	7	6,241		693	24,725

Other Mineral Leasing (Leases, Permits and Assignments)								
Outer Continental Shelf								
Coal	33		50		56			316
Potassium	52		9					71
Sodium	1				5			48
Phosphate			7					14
Oil Shale								7
Sulphur								
Hardrock (Reorg. Plan #3)	11		3		4			62
Other	179							202
Total Other Mineral Leasing	276		69		65			720
Geothermal Leasing:								
Non-competitive	75	10	69	2				273
Simultaneous								
Competitive		13						13
Assignments and Transfers								
Total Geothermal Leasing	75	23	69	2				286
Mineral Entries and Investigations:								
Public Law 167—BLM		1						7
Public Law 167—USFS		4						21
Public Law 357, 359, 585								26
Mineral Entries BLM and Others								30
Mineral Entries—USFS		1						16
Mineral Classification					6			6
Land Disposal Conflicts								
Multiple-use Conflicts (non-disposal)		7		2	4			44
Reimbursable Investigations								
Other Mineral Cases (n.e.s)	1,586	15			2			1,753
Total Entries and Investigations	1,586	28		2	12			1,903
Other Transactions:								
Withdrawals and Reservations	39	5	34			1		189
Restorations and Revocations	10	3	8					62
Mineral Material Disposal								63
Other Other Transactions	49	8	42			1		314
Grand Total	8,657	251	2,391	94	6,451	222	709	33,044

¹Includes North Dakota and South Dakota.

²Includes Oklahoma and Texas.

TABLE 106.—Adjudication cases closed, 1977

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ¹	Nevada
	Anchorage	Fairbanks						
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	12	1	13	14	60	3		8
Exchanges			7	36	85	9		8
Homesteads	28	6	5	4	14	17	15	
Desert Lands			14	1	3	114		6
Native Allotments	25	14		38	1		532	
Color-of-Title	1			2	3	20		
Mining Claims Occupancy Act				14	10	2	2	
T&M, Homesites, Headquarters Sites	35	25						
Townsites	7	4			1	2		1
State Grants	7	33		1	1		1	
Native Selections								
Village Selections	13							
Regional Selections	1							
Miscellaneous Selections	5	11						
Native Reserves								
Public Sales			28	94	110	141	26	65
Public Sales (1964 Act)				2				8
Small Tract		1		14	4			10
Recreation and Public Purposes Sales			33	30	42	22	44	21
Alaska Public Sale								
Rights-of-Way	31	155	441	439	644	343	177	240
Non-mineral Leases	4	2	3	3			3	13
Non-mineral Permits		6	20		123	4	14	8
Total Non-mineral Cases	169	258	564	692	1,101	677	822	389
Oil and Gas Leasing:								
Other Permits and Leases							614	
Assignments and Transfers	12	35	217	387	2,578	857	3,249	2,151
Non-competitive (PD)	791	917	118	71	4,224	1,055	3,165	1,633
Non-competitive (ACQ)			7	6	282	41	1,093	
Simultaneous (PD)		124	50	174	525	29	1,079	354
Simultaneous (ACQ)				4	110		400	
Competitive (PD)				10	7		126	
Competitive (ACQ)					5		25	
Outer Continental Shelf								
Total Oil and Gas Leasing	803	1,076	392	652	7,731	1,982	9,751	4,138

Other Mineral Leasing: (Leases, Permits, and Assignments)								
Outer Continental Shelf								
Coal	1			177			17	
Potassium			6	16				
Sodium		5		9				8
Phosphate		5	9	5		6	16	
Oil Shale								
Sulphur								
Hardrock (Reorg. Plan #3)			3	28		1	49	
Other		5		16				4
Total Other Mineral Leasing	1	15	18	251	7	82	12	
Geothermal Leasing:								
Non-competitive		3	73	68	71	15	151	
Simultaneous								5
Competitive					11			
Assignments and Transfers			8		30			40
Total Geothermal Leasing		3	81	68	112	15	196	
Mineral Entries and Investigations:								
Public Law 167—BLM				22	3			
Public Law 167—USFS				55	9			
Public Law 357, 359, 585				40	47	110		
Mineral Entries BLM and Others	2	1	57	39	1		5	1
Mineral Entries—USFS		8	5	10	1		6	
Mineral Classification			1					
Land Disposal Conflicts		44	9					
Multiple-use Conflicts (non-disposal)		23	36	154	11		12	
Reimbursable Investigations		10	29	7				
Other Mineral Cases (n.e.s)		2,346	251	2	1		1	
Total Entries and Investigations	2	2,432	505	271	124	24	1	
Other Transactions:								
Withdrawals and Reservations	5	26	2	9	87	41	4	15
Restorations and Revocations	10	7	1	12	43	5	8	9
Mineral Material Disposal	6	10	80					2
Total Other Transactions	21	43	83	21	130	46	12	26
Grand Total	993	1,380	3,489	1,969	9,552	2,948	10,706	4,762

TABLE 106.—Adjudication cases closed, 1977—Continued

Type of case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Other States	Outer Continental Shelf	Total
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	11	1	14		14	282		433
Exchanges	10	60	6	25	5	1		261
Homesteads	4	6	3	1	7	2		112
Desert Lands	4	4			17			159
Native Allotments	56	3		161	21	46		897
Color-of-Title	46	1		1		17		91
Mining Claims Occupancy Act			1		1			30
T&M, Homesites, Headquarters Sites			2					60
Townsites			2					17
State Grants	4		43	6	2	2		100
Native Selections								
Village Selections								13
Regional Selections								1
Miscellaneous Selections								16
Native Reserves								
Public Sales	71	17	49	6	67	12		686
Public Sales (1964 Act)								10
Small Tract	8	12	8		2			59
Recreation and Public Purposes Sales	6	28	30	21	6	15		298
Alaska Public Sale								
Rights-of-Way	2,261	141	194	16	390	1	81	5,554
Non-mineral Leases	1	2	1					32
Non-mineral Permits			7		1			183
Total Non-mineral Cases	2,478	275	358	237	533	378	81	9,012
Oil and Gas Leasing:								
Other Permits and Leases								614
Assignments and Transfers	4,105	52	3,737	14	14,337	861	486	33,078
Non-competitive (PD)	4,568	283	4,004	52	2,228	72		23,181
Non-competitive (ACQ)	288	7	30	16	68	312		2,150
Simultaneous (PD)	1,597	21	949		7,061	59		12,022
Simultaneous (ACQ)	154	4	1		110	290		1,073
Competitive (PD)	163		47		276	13		642
Competitive (ACQ)	10		1		8	10		59
Outer Continental Shelf							3,751	3,751
Total Oil and Gas Leasing	10,885	367	8,769	82	24,088	1,617	4,237	76,570

Other Mineral Leasing: (Leases, Permits and Assignments)							
Outer Continental Shelf							
Coal	30		66		115	3	409
Potassium	77		89	1	1		190
Sodium	1	4			5		32
Phosphate			9				45
Oil Shale							5
Sulphur	56						56
Hardrock (Reorg. Plan #3)	28		1	2	10	99	221
Other	155				3		183
Total Other Mineral Leasing	347	4	165	3	134	102	1,141
Geothermal Leasing:							
Non-competitive	166	145	177	38	36	11	954
Simultaneous							
Competitive	16	25					57
Assignments and Transfers	13	4	27				122
Total Geothermal Leasing	195	174	204	38	36	11	1,133
Mineral Entries and Investigations:							
Public Law 167—BLM		2					27
Public Law 167—USFS		15			30		109
Public Law 357, 359, 585		21					218
Mineral Entries BLM and Others	3	2	14	1	5		131
Mineral Entries—USFS	1	1		1			33
Mineral Classification					25		26
Land Disposal Conflicts							53
Multiple-use Conflicts (non-disposal)		48		23	4		311
Reimbursable Investigations		3					49
Other Mineral Cases (n.e.s)	1,590	25	2	1	5	1	4,225
Total Entries and Investigations	1,594	117	16	26	69	1	5,182
Other Transactions:							
Withdrawals and Reservations	40	12	31	4	4	7	287
Restorations and Revocations	11	7	17	5	2	3	140
Mineral Material Disposal	8				38		144
Total Other Transactions	59	19	48	9	44	10	571
Grand Total	15,558	956	9,560	395	24,904	2,119	4,318
							93,609

¹Includes North Dakota and South Dakota.

²Includes Oklahoma and Texas.

TABLE 107.—Adjudication cases unclosed, 1977

Type of case	Alaska		Arizona	California	Colorado	Idaho	Montana ¹	Nevada
	Anchorage	Fairbanks						
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	104	11	23	34	41	.....	2	77
Exchanges	1	.....	27	76	37	28	17	11
Homesteads	126	82	1	2	14	2	2	1
Desert Lands	.....	.....	.....	13	1	1,403	5	1
Native Allotments	4,098	2,585	.....	17	2	.....	8	2
Color-of-Title	1	.....	.....	13	4	56	.....	1
Mining Claims Occupancy Act	.....	.....	2	29	1	7	1	4
T&M, Homesites, Headquarters Sites	347	199	.....	.....	.....	.....	.....	.....
Townsites	18	12	.....	.....	.....	4	.....	1
State Grants	873	591	13	7	1	57	3	.....
Native Selections	163	.....	.....	.....	.....	.....	.....	.....
Village Selections	871	381	.....	.....	.....	.....	.....	.....
Regional Selections	327	788	.....	.....	.....	.....	.....	.....
Miscellaneous Selections	2,863	1,008	.....	.....	.....	.....	.....	.....
Native Reserves	.....	4	.....	.....	.....	.....	.....	.....
Public Sales	.....	.....	2	8	88	96	2	.....
Public Sales (1964 Act)	.....	.....	.....	.....	.....	.....	.....	3
Small Tract	21	5	1	9	16	8	2	171
Recreation and Public Purposes Sales	50	10	64	66	115	59	22	71
Alaska Public Sale	.....	.....	.....	.....	.....	.....	.....	.....
Rights-of-Way	418	300	227	258	511	207	64	280
Non-mineral Leases	86	53	6	4	2	9	2	18
Non-mineral Permits	176	32	23	.....	128	2	11	4
Total Non-mineral Cases	10,543	6,061	389	536	961	1,938	141	645
Oil and Gas Leasing:								
Other Permits and Leases	.....	.....	.....	.....	.....	.....	.....	.....
Assignments and Transfers	1,833	3,401	.....	133	897	241	661	450
Non-competitive (PD)	890	3,981	51	199	1,026	1,477	2,155	2,385
Non-competitive (ACQ)	10	.....	.....	80	99	75	266	3
Simultaneous (PD)	11	67	2	73	173	.....	251	69
Simultaneous (ACQ)	.....	.....	.....	1	10	.....	69	.....
Competitive (PD)	.....	.....	.....	5	.....	.....	25	.....
Competitive (ACQ)	.....	.....	.....	.....	.....	.....	6	.....
Outer Continental Shelf	.....	.....	.....	.....	.....	.....	.....	.....
Total Oil and Gas Leasing	2,744	7,449	53	491	2,205	1,793	3,433	2,907

Other Mineral Leasing: (Leases, Permits, and Assignments)								
Outer Continental Shelf								
Coal	7	10			147	2	35	
Potassium			11	12	12		11	39
Sodium			4	45	6	3		68
Phosphate			1	6	5	145	17	8
Oil Shale					2			
Sulphur								
Hardrock (Reorg. Plan #3)				3	23	9	25	
Other			21		7			11
Total Other Mineral Leasing	7	10	37	66	202	159	88	126
Geothermal Leasing:								
Non-competitive			45	405	67	408	18	180
Simultaneous								
Competitive								16
Assignments and Transfers			9	53		13		10
Total Geothermal Leasing			54	460	67	421	18	206
Mineral Entries and Investigations:								
Public Law 167—BLM				71	3			
Public Law 167—USFS				5	215	9		
Public Law 357, 359, 585	80	41	8	27	11	19		
Mineral Entries BLM and Others	6	7	27	104	39	5	107	34
Mineral Entries—USFS	1		16	25	3	43	14	
Mineral Classification				8				
Land Disposal Conflicts	48		20	140				296
Multiple-use Conflicts (non-disposal)	23		82	161	102	47	10	1
Reimbursable Investigations			61	36	319			
Other Mineral Cases (n.e.s.)		2,597	126	120	604	5	1	
Total Entries and Investigations	158	2,645	345	907	1,090	119	132	331
Other Transactions:								
Withdrawals and Reservations	52	28	43	60	64	111	42	17
Restorations and Revocations	73	27	24	66	55	50	29	54
Mineral Material Disposal	138	41	77					8
Total Other Transactions	263	96	144	126	119	161	71	79
Grand Total	13,715	16,261	1,022	2,586	4,644	4,591	3,883	4,294

TABLE 107.—*Adjudication cases unclosed, 1977*—Continued

Type of case	New Mexico ²	Oregon	Utah	Washington	Wyoming	Other States	Outer Continental Shelf	Total
Non-mineral Cases:								
Other Lands Cases (n.e.s.)	11	2		4	1	122		432
Exchanges	6	49	47	19	12	12		342
Homesteads			2	1				233
Desert Lands		4	4		63			1,494
Native Allotments	7			31	40			6,790
Color-of-Title	26	2	2	1		20		126
Mining Claims Occupancy Act	1	1						46
T&M, Homesites, Headquarters Sites								546
Townsites			2	6				43
State Grants	5	5	246	21	5	41		1,868
Native Selections								163
Village Selections								1,252
Regional Selections								1,115
Miscellaneous Selections								3,871
Native Reserves								4
Public Sales	1	16	65	3	40	2		323
Public Sales (1964 Act)				1				4
Small Tract		3	4	1				241
Recreation and Public Purposes Sales	109	25	75	22	35	11		734
Alaska Public Sale								
Rights-of-Way	648	134	344	28	197	7	15	3,638
Non-mineral Leases	1		2			4		187
Non-mineral Permits			5			33		414
Total Non-mineral Cases	815	241	798	138	430	215	15	23,866
Oil and Gas Leasing:								
Other Permits and Leases								
Assignments and Transfers	2,520	27	596	13	2,402	270	20	13,464
Non-competitive (PD)	150	71	1,322	25	278	213		14,223
Non-competitive (ACQ)	367	19	90	19	17	1,287		2,332
Simultaneous (PD)	250	18	281		667	227		2,089
Simultaneous (ACQ)	22	8	1		19	371		501
Competitive (PD)	15		70		17	3		135
Competitive (ACQ)	4				2	1		13
Outer Continental Shelf								
Total Oil and Gas Leasing	3,328	143	2,360	57	3,402	2,372	20	32,757

Other Mineral Leasing: (Leases, Permits and Assignments)							
Outer Continental Shelf							
Coal	121		113		91	18	544
Potassium	224	1	169		1		480
Sodium	5	7			36		174
Phosphate	1		27		19	43	272
Oil Shale							2
Sulphur							
Hardrock (Reorg. Plan #3)	60		2	1	20	269	412
Other	90				1	1	131
Total Other Mineral Leasing	501	8	311	1	168	331	2,015
Geothermal Leasing:							
Non-competitive	164	458	121	143	29		2,038
Simultaneous							
Competitive	8	6	7				39
Assignments and Transfers	24	80	9		2		200
Total Geothermal Leasing	196	544	137	143	31		2,277
Mineral Entries and Investigations:							
Public Law 167—BLM		115		6	12		207
Public Law 167—USFS		140		244			613
Public Law 357, 359, 585		17					203
Mineral Entries BLM and Others	13	7	10	2	50	3	414
Mineral Entries—USFS	12	2	2	2		3	123
Mineral Classification							8
Land Disposal Conflicts			6				510
Multiple-use Conflicts (non-disposal)	5	115		27	185		758
Reimbursable Investigations	8	8					432
Other Mineral Cases (n.e.s.)		18	341	13	11	1	3,837
Total Entries and Investigations	38	422	359	294	258	7	7,105
Other Transactions:							
Withdrawals and Reservations	16	47	31	20	9	19	559
Restorations and Revocations	20	44	48	18	30	18	556
Mineral Material Disposal							264
Total Other Transactions	36	91	79	38	39	37	1,379
Grand Total	4,914	1,449	4,044	671	4,328	2,962	35
							69,399

¹Includes North Dakota and South Dakota.

²Includes Oklahoma and Texas.

TABLE 108.—Adjudication operations, 1977 (summary by State)

State	Unclosed cases October 1, 1976	New cases received during 1977	Cases reactivated during 1977	Cases closed during 1977	Unclosed cases September 30, 1977
	Number	Number	Number	Number	Number
Alaska:					
Anchorage	14,043	485	180	993	13,715
Fairbanks	14,233	3,349	59	1,380	16,261
Arizona	864	3,160	487	3,489	1,022
California	2,830	1,200	525	1,969	2,586
Colorado	3,644	4,031	6,521	9,552	4,644
Idaho	4,987	2,280	272	2,948	4,591
Montana	1,796	4,628	5,103	8,227	3,300
Nevada	1,585	7,102	369	4,762	4,294
New Mexico	4,235	6,473	8,140	14,435	4,413
North Dakota	135	1,545	456	1,755	381
Oklahoma	208	502	421	827	304
Oregon	1,571	583	251	956	1,449
South Dakota	152	477	297	724	202
Texas	206	191	96	296	197
Utah	3,428	7,785	2,391	9,560	4,044
Washington	865	107	94	395	671
Wyoming	3,601	19,180	6,451	24,904	4,328
Eastern States	2,666	2,193	222	2,119	2,962
Total States	61,049	65,271	32,335	89,291	69,364
Other Continental Shelf	8	3,636	709	4,318	35
Grand Total	61,057	68,907	33,044	93,609	69,399

¹Adjusted.

TABLE 109.—Adjudication operations, 1977 (summary by type of case)

Type of case	Unclosed cases October 1, 1976	New cases received during 1977	Cases reactivated during 1977	Cases closed during 1977	Unclosed cases September 30, 1977
Non-mineral Cases:					
Other Lands Cases (n.e.s.)	565	65	235	433	432
Exchanges	327	83	193	261	342
Homesteads	304	6	35	112	233
Desert Lands	1,493	134	26	159	1,494
Native Allotments	6,948	590	149	897	6,790
Color-of-Title	148	23	46	91	126
Mining Claims Occupancy Act	65	.....	11	30	46
T&M, Homesites, Headquarters Sites	596	9	1	60	546
Townsites	51	5	4	17	43
State Grants	1,645	311	12	100	1,868
Native Selections	163	.....	.....	.....	163
Village Selections	1,255	.....	10	13	1,252
Regional Selections	1,071	44	1	1	1,115
Miscellaneous Selections	3,762	125	.....	16	3,871
Native Reserves	4	.....	.....	.....	4
Public Sales	904	19	86	686	323
Public Sales (1964 Act)	14	.....	.....	10	4
Small Tract	268	6	26	59	241
Recreation and Public Purposes Sales	636	89	307	298	734
Alaska Public Sale	.....	.....	.....	.....	.....
Rights-of-Way	3,636	1,777	3,779	5,554	3,638
Non-mineral Leases	143	27	49	32	187
Non-mineral Permits	445	26	126	183	414
Total Non-mineral Cases	24,443	3,339	5,096	9,012	23,866
Oil and Gas Leasing:					
Other Permits and Leases	.....	1	613	614	.....
Assignments and Transfers	10,128	36,347	67	33,078	13,464
Non-competitive (PD)	12,328	8,461	16,615	23,181	14,223
Non-competitive (ACQ)	11,608	1,430	1,444	2,150	2,332
Simultaneous (PD)	1,899	7,348	4,864	12,022	2,089
Simultaneous (ACQ)	397	1,048	129	1,073	501
Competitive (PD)	162	339	276	642	135
Competitive (ACQ)	9	36	27	59	13
Outer Continental Shelf	.....	3,061	690	3,751	.....
Total Oil and Gas Leasing	26,531	58,071	24,725	76,570	32,757
Other Mineral Leasing:					
(Leases, Permits and Assignments)					
Outer Continental Shelf	.....	.....	.....	.....	.....
Coal	534	103	316	409	544
Potassium	422	177	71	190	480
Sodium	141	17	48	32	174
Phosphate	298	5	14	45	272
Oil Shale	.....	.....	7	5	2
Sulphur	56	.....	.....	56	.....
Hardrock (Reorg. Plan #3)	349	222	62	221	412
Other	101	11	202	183	131
Total Other Mineral Leasing	1,901	535	720	1,141	2,015
Geothermal Leasing:					
Non-competitive	2,077	642	273	954	2,038
Simultaneous	.....	.....	.....	.....	.....
Competitive	17	66	13	57	39
Assignments and Transfers	115	207	.....	122	200
Total Geothermal Leasing	2,209	915	286	1,133	2,277
Mineral Entries and Investigations:					
Public Law 167—BLM	225	2	7	27	207
Public Law 167—USFS	701	.....	21	109	613
Public Law 357, 359, 585	221	174	26	218	203
Mineral Entries BLM and Others	478	37	30	131	414
Mineral Entries—USFS	118	22	16	33	123
Mineral Classification	13	15	6	26	8
Land Disposal Conflicts	512	51	.....	53	510
Multiple-use Conflicts (non-disposal)	792	233	44	311	758
Reimbursable Investigations	417	64	.....	49	432
Other Mineral Cases (n.e.s.)	1,131	5,178	1,753	4,225	3,837
Total Entries and Investigations	4,608	5,776	1,903	5,182	7,105
Other Transactions:					
Withdrawals and Reservations	564	93	189	287	559
Restorations and Revocations	550	84	62	140	556
Mineral Material Disposal	251	94	63	144	264
Total Other Transactions	1,365	271	314	571	1,379
Grand Total	61,057	68,907	33,044	93,609	69,399

¹Adjusted.

TABLE 110.—*Appeals from Bureau of Land Management decisions, 1977*

Type of case	Cases pending October 1, 1976	New cases received during F.Y. 1977	Total	Cases disposed of during F.Y. 1977	Cases pending September 30, 1977
	Number	Number	Number	Number	Number
Land cases:					
Homestead	3	10	13	9	4
Desert land	2	16	18	14	4
Public sale	5	4	9	2	7
Small tract	7	.....	7	.....	7
Exchanges	2	.....	2	1	1
Selections	29	18	47	11	36
Other	549	82	631	73	558
Total land cases	597	130	727	110	617
Mineral cases:					
Oil and gas	875	657	1,532	554	978
Other leasable minerals	129	56	185	53	132
Mining .....	.....	299	299	104	195
Total mineral cases	1,004	1,012	2,016	711	1,305
Grazing cases	1	21	22	15	7
Other cases:					
Cadastral survey	4	2	6	5	1
Timber	2	10	12	7	5
Total other cases	6	12	18	12	6
Grand total	1,608	1,175	2,783	848	1,935

TABLE 111.—*Bureau proceedings requiring formal hearings, 1977*

A. HEARINGS HELD DURING 1977

Type of proceeding	Proceedings heard	Claims or entries affected
	Number	Number
Government Contests		
Minerals:		
Application for patent	14	45
Adverse Proceedings	76	321
Act of July 23, 1955 (Public Law 167)	4	24
Act of August 11, 1955 (Public Law 359)	6	14
Total Minerals	100	404
Lands	17	27
Total Government Contests	117	431
Private Contests		
Lands	1	2
Total Private Contests	1	2
Grazing Proceedings¹		
Appeals	18	22
Enforcement	3	6
Total Grazing Proceeding	21	28
Grand Total	139	461

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

TABLE 111.—Bureau proceedings requiring formal hearings, 1977—Continued
 B. SUMMARY BY DISPOSITION AND NUMBER OF CLAIMS OF ENTRIES AFFECTED

Type of proceeding	Unclosed proceedings October 1, 1976		New proceedings referred for hearings during F.Y. 1977		Total proceedings		Proceedings closed by hearings examiners						Proceedings pending September 30, 1977	
							By decision on merits after hearing		On procedural grounds without a hearing		Total			
							Number	Claims	Number	Claims	Number	Claims		
Government Contests														
Minerals:														
Application for patent	39	508	13	186	52	694	6	29	5	13	11	42	41	652
Adverse Proceedings	153	1,216	72	321	225	1,537	93	360	11	19	104	379	121	1,158
Act of July 23, 1955 (P.L. 167)	4	14	6	31	10	45	1	7	3	7	4	14	6	31
Act of August 11, 1955 (P.L. 359)	3	13	6	7	9	20	6	10	2	2	8	12	1	8
Oil and Gas Lease .....	.....	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	1	1
Total Minerals	199	1,751	98	546	297	2,297	106	406	21	41	127	447	170	1,850
Lands	21	31	28	28	49	59	9	9	7	7	16	16	33	43
Total Government Contests	220	1,782	126	574	346	2,356	115	415	28	48	143	463	203	1,893
Private Contests														
Minerals:														
Act of August 13, 1954 (P.L. 585)	1	16	.....	.....	1	16	.....	.....	.....	.....	.....	.....	1	16
Other	2	4	1	83	3	87	1	2	1	2	2	4	1	83
Total Minerals	3	20	1	83	4	103	1	2	1	2	2	4	2	99
Lands	3	4	1	1	4	5	2	2	1	1	3	3	1	2
Total Private Contests	6	24	2	84	8	108	3	4	2	3	5	7	3	101
Total Lands and Minerals	226	1,806	128	658	354	2,464	118	419	30	51	148	470	206	1,994
Grazing Proceedings¹														
Appeals	32	45	23	29	55	74	16	26	10	13	26	39	29	35
Enforcement	6	9	3	3	9	12	5	5	22	22	7	7	2	5
Total Grazing Proceedings	38	54	26	32	64	86	21	31	12	15	33	46	31	40
Grand Total	264	1,860	154	690	418	2,550	139	450	42	66	181	516	237	2,034

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

²1 case with 1 permittee transferred to OHA, Arlington, for hearing and decision.

PART 4

ADMINISTRATION AND FINANCE

During fiscal year 1977, the Bureau obligated \$458,735,791 appropriated by Congress or transferred to it from other agencies (Table 112).

Gross receipts from the sale and management of public lands and resources during the same period totaled \$3,008,054,651. Sources of these receipts were: \$2,717,502,122 from mineral leasing, including \$2,372,984,091 from bonuses, rents, and royalties on the Outer Continental Shelf; \$235,297,905 from the sale of timber; \$212,090,848 from O&C timber sales; \$2,816,124 from sale of public lands; \$17,588,059 from grazing leases, licenses, and permits; \$26,791,090 from fees and commissions; \$691,171 from rights-of-way leases; and \$7,368,180 from all other sources (Table 114).

Receipts for fiscal year 1977 were allocated as follows: \$272,087,297 to 23 States, of which \$106,045,424 went to 18 western O&C counties; \$138,279,698 to the Reclamation Fund; \$2,516,411,308 into the General Fund of the Treasury; \$81,036,016 to other Government agencies; \$240,332 to Indian Trust Funds; and \$9,171,699 for range improvements (Tables 120 and 121).

DEFINITIONS OF TERMS

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.

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 of Land Management by the Geological Survey.

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.

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.

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 fund:

A designated fund to which a portion of certain Federal receipts are allocated according to the law, and which may subsequently be used specially for land reclamation purposes when so appropriated by Congress.

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.

Transferred funds:

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

TABLE 112.—Obligations incurred, 1977

Appropriation title	Amount obligated	Appropriation title	Amount obligated
Appropriations made to the Bureau of Land Management		Appropriations transferred from other bureaus and agencies to the Bureau of Land Management	
Management of lands and resources	\$284,498,985	Land and water conservation	\$2,754,748
Range Improvements, Bureau of Land Management	8,618,230	Control of forest pests	860,006
Construction and Maintenance, Bureau of Land Management	12,509,475		
Oregon and California Grant Lands, Bureau of Land Management ..	43,398,538		
Public lands development roads and trails	5,802,146		
Recreational development and operation of recreational facilities ..	299,363	Subtotal	3,614,754
Payment in lieu of Taxes	99,994,300		
Subtotal	455,121,037	Grand total	458,735,791

TABLE 113.—Receipts from the disposition of public lands and resources, May 20, 1785–September 30, 1977

Fiscal Year	Source						Total
	Sales of public lands	Sales of timber	Fees and commissions	Mineral leases ¹	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
Total, 1971— September 30, 1977	38,158,221	927,901,707	99,281,507	1,652,968,146	20,808,389,097	273,796,380	23,800,495,058
Grand Total	291,639,883	1,652,346,715	208,404,099	3,629,579,051	24,160,846,822	890,899,454	30,833,716,024

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 General Land Office and its predecessor organizations (1785–1946), the Grazing Services (1943, 1946), and the Bureau of Land Management (1947–1976). For annual data, 1881–1946, see GLO Statistical Appendix for 1946; for annual data, 1947–1961, see BLM Statistical Appendix for 1961; for annual data, 1962–1976, see Public Land Statistics for 1976.

TABLE 114.—Statement of receipts by source, 1977

State	Mineral leases and permits	Sales of timber	Sales of land	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	114,920						1,360	1,200	940		118,420
Alaska	1,655,542		288,389			6,256	41,238	3,562	1,469,157	5,137	3,469,281
Arizona	811,702	3,048	65,280	790,581	245,831	802	68,238	78,629	8,456	73,833	2,146,400
Arkansas	1,341,697						36,610	10	1,286		1,379,603
California	20,047,629	1,287,932	169,715	225,270	295,200	1,003	116,221	229,319	20,885	185,399	22,578,573
Colorado	31,932,310	104,080	264,263	780,616	92,953	3,408	1,321,597	19,663	41,832	25,690	34,586,412
Florida	89,646						1,600	10	1,032		92,288
Georgia	4,097						30				4,127
Idaho	2,736,240	1,780,837	107,260	1,679,133	68,581	792	43,248	77,899	24,789	36,756	6,555,535
Illinois	3,437						50	395			3,882
Indiana	1,390						100				1,490
Kansas	1,127,019				209		290		2,063		1,129,581
Kentucky	140,222						270		3,304		143,796
Louisiana	6,526,887						77,175	17,424			6,621,486
Maryland	4,112										4,112
Michigan	271,805						26,140	105	6,629		304,679
Minnesota	1,714						60	890			2,664
Mississippi	1,146,903						505,045		17,776	45	1,669,769
Missouri	6,808,389						480				6,808,869
Montana	14,457,752	119,576	6,409	1,204,821	276,523	696,923	572,110	19,473	24,103	16,673	17,394,363
Nebraska	274,403				2,052		230		677,662		954,347
Nevada	5,809,578	37,379	125,447	2,937,785	66,918		222,069	61,042	10,926	65,270	9,336,414
New Hampshire							200				200
New Mexico	104,461,747	10,930	1,394,614	2,099,933	401,362	51,027	3,959,696	89,236	23,707	63,024	112,555,276
New York	17,439						260				17,699
North Carolina	5,006						105				5,111
North Dakota	4,215,701				16,421		729,575		59,038		5,020,735

Ohio	12,424						170				12,594
Oklahoma	2,460,591				820		114,220		298,404	1,515	2,875,550
Oregon	489,178	231,595,414	218,218	1,339,999	89,079	3,214	18,750	14,782	7,522	36,050	233,812,206
Pennsylvania	91						10				101
South Dakota	828,197	8,068	3,243		125,890		25,985	300	3,357	240	995,280
Tennessee	701						10				711
Texas	415,687						13,465		15,265	50	444,467
Utah	17,459,075	16,383	60,601	1,406,728		3,189	1,341,539	27,628	11,539	55,432	20,382,114
Virginia	45,664						300				45,964
Washington	54,787	314,003	2		55,297		7,200	3,071	4,470	2,087	440,917
West Virginia	269,062						1,985				271,047
Wisconsin	930						620		41		1,591
Wyoming	118,474,357	20,255	112,683	1,835,302	762,680	21,461	17,542,839	46,492	11,241	60,130	138,887,440
Total States	2344,518,031	235,297,905	2,816,124	14,300,168	2,499,816	788,075	26,791,090	691,171	2,745,383	627,331	631,075,094
Outer Continental Shelf	2,372,984,091										2,372,984,091
Total operating revenue	2,717,502,122	235,297,905	2,816,124	14,300,168	2,499,816	788,075	26,791,090	691,171	2,745,383	627,331	3,004,059,185
Nonoperating revenue										3,995,466	3,995,466
Grand total	2,717,502,122	235,297,905	2,816,124	14,300,168	2,499,816	788,075	26,791,090	691,171	2,745,383	4,622,797	3,008,054,651

¹Includes "O&C" lands \$212,090,848 and Coos Bay lands \$12,260,657.

²Includes \$3,053,699 from sale of Geothermal Steam.

TABLE 115.—*Geological Survey receipts deposited to Bureau of Land Management accounts, 1977*

State	Oil and gas	Coal	Phosphate	Potash	Sodium	Other	Total
Alabama	\$10,604	\$2,389					\$12,993
Alaska	1,348,322						1,348,322
Arizona	80				\$5,933		6,013
Arkansas	802,578	538				\$8,761	811,877
California	16,141,626		\$1,451	\$494,139	2,908,496	6,561	19,552,273
Colorado	25,895,018	969,933		632	12,103	661	26,878,347
Florida			2,329				2,329
Georgia						4,061	4,061
Idaho			1,023,080				1,023,080
Illinois	687					100	787
Kansas	1,105,959					8,968	1,114,927
Kentucky	19,749	65,240					84,989
Louisiana	6,306,367					7,601	6,313,968
Maryland	3,616						3,616
Michigan	127,011						127,011
Minnesota	1,684						1,684
Mississippi	647,585					45	647,630
Missouri						6,798,360	6,798,360
Montana	7,397,738	1,791,579	46,870			14,592	9,250,779
Nebraska	166,795					1,562	168,357
Nevada	438,984			23,381	84,907	16,725	563,997
New Mexico	89,821,991	521,938		5,291,071	80	41,784	95,676,864
North Carolina						152	152
North Dakota	3,370,333	174,371				43	3,544,747
Ohio	6,168						6,168
Oklahoma	1,732,702	130,304				3,534	1,866,540
Oregon						2,873	2,873
South Dakota	41,826						41,826
Texas	291,341						291,341
Utah	6,087,870	1,349,740	8,973	47,262		2,945	7,496,790
Virginia	2,168						2,168
Washington		1,737					1,737
West Virginia	145,852						145,852
Wyoming	94,405,219	5,139,476	24,312		5,484,034	76,158	105,129,199
Total States	256,319,873	10,147,245	1,107,015	5,856,485	8,495,553	6,995,486	288,921,657
Outer Continental Shelf	821,344,333					10,943	821,355,276
Grand Total	1,077,664,206	10,147,245	1,107,015	5,856,485	8,495,553	7,006,429	1,110,276,933

TABLE 116.—Receipts from mineral leases, licenses and permits on public lands, 1977

State	Oil and gas	Coal	Phosphate	Potash	Sodium	Other	Total
Alabama	\$ 27,236	\$ 2,389	.....	.....	.....	.....	\$ 29,625
Alaska	1,310,085	1,280	.....	.....	.....	.....	1,311,365
Arizona	758,885	.....	.....	.....	\$ 11,841	\$ 7,970	778,696
Arkansas	647,513	538	.....	.....	.....	.....	648,051
California	16,101,066	.....	\$ 1,451	\$ 494,139	2,908,709	81,316	19,586,681
Colorado	30,614,571	979,299	.....	1,049	12,103	47,311	31,654,333
Florida	10,979	.....	1,637	.....	.....	.....	12,616
Idaho	1,450,120	.....	1,025,280	.....	.....	258,234	2,733,634
Kansas	947,085	.....	.....	.....	.....	9,470	956,555
Kentucky	18,331	.....	.....	.....	.....	.....	18,331
Louisiana	2,526,247	.....	.....	.....	.....	3,401	2,529,648
Michigan	68,906	.....	.....	.....	.....	.....	68,906
Mississippi	23,514	.....	.....	.....	.....	.....	23,514
Montana	11,668,069	1,791,579	33,374	.....	.....	13,028	13,506,050
Nebraska	233,322	.....	.....	.....	.....	1,562	234,884
Nevada	4,658,417	3,122	.....	24,677	86,186	1,033,856	5,806,258
New Mexico	97,452,682	521,938	.....	5,291,071	80	1,010,154	104,275,925
North Dakota	1,811,220	174,371	.....	.....	.....	43	1,985,634
Oklahoma	1,804,702	130,304	.....	.....	.....	3,533	1,938,539
Oregon	148,310	.....	.....	.....	.....	339,726	488,036
South Dakota	668,943	.....	.....	.....	.....	.....	668,943
Texas	86,291	.....	.....	.....	.....	.....	86,291
Utah	15,547,395	1,377,572	8,972	47,262	.....	447,995	17,429,196
Washington	52,044	1,737	.....	.....	.....	.....	53,781
Wyoming	107,290,237	5,138,596	24,312	.....	5,484,034	9,245	117,946,424
Total	295,926,170	10,122,725	1,095,026	5,858,198	8,502,953	13,266,844	324,771,916

¹Includes \$3,053,699 from sale of Geothermal Steam.

TABLE 117.—Receipts from mineral leases and permits on acquired lands, 1977

State	Oil and gas	Coal	Other	Total
Alabama	\$85,295			\$85,295
Alaska	335,448		\$8,729	344,177
Arizona	33,006			33,006
Arkansas	684,725		8,921	693,646
California	430,242		30,706	460,948
Colorado	207,760		70,217	277,977
Florida	75,539		1,491	77,030
Georgia	36		4,061	4,097
Idaho	1,248		1,358	2,606
Illinois	1,580		1,857	3,437
Indiana	1,349		41	1,390
Kansas	170,464			170,464
Kentucky	56,651	\$65,240		121,891
Louisiana	3,988,005		9,234	3,997,239
Maryland	4,112			4,112
Michigan	202,774		125	202,899
Minnesota	1,714			1,714
Mississippi	1,123,389			1,123,389
Missouri	766		6,807,623	6,808,389
Montana	128,012		823,690	951,702
Nebraska	39,519			39,519
Nevada			3,320	3,320
New Mexico	138,805		47,017	185,822
New York	17,439			17,439
North Carolina	875		4,131	5,006
North Dakota	2,215,497		14,570	2,230,067
Ohio	12,424			12,424
Oklahoma	522,052			522,052
Oregon	160		982	1,142
Pennsylvania	10	81		91
South Dakota	154,605		4,649	159,254
Tennessee	701			701
Texas	329,396			329,396
Utah	20,911		8,968	29,879
Virginia	45,664			45,664
Washington	901		105	1,006
West Virginia	269,062			269,062
Wisconsin			930	930
Wyoming	449,305	880	77,748	527,933
Total	11,749,441	66,201	7,930,473	19,746,115

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

TABLE 118.—Receipts under the Mineral Leasing Act, February 25, 1920–September 30, 1977

State	Fiscal year	Transition Period July 1, 1976– September 30, 1976	Fiscal year	Total
	1920–1976		1977	
Alabama	\$608,517	\$11,741	\$25,225	\$645,483
Alaska	143,281,621	211,902	1,311,365	144,804,888
Arizona	10,006,635	53,969	777,625	10,838,229
Arkansas	2,223,391	52,669	246,652	2,522,712
California	298,109,860	4,154,617	18,453,154	320,717,631
Colorado	490,560,440	7,317,312	31,646,483	529,524,235
Florida	334,344	3,164	12,616	350,124
Idaho	17,548,386	620,407	2,733,634	20,902,427
Illinois	222	.....	.....	222
Indiana	240	.....	.....	240
Kansas	8,871,049	191,592	914,857	9,977,498
Louisiana	13,661,177	113,171	647,855	14,422,203
Michigan	449,069	4,536	30,759	484,364
Mississippi	524,893	7,205	20,339	552,437
Montana	157,143,043	3,083,294	13,494,402	173,720,739
Nebraska	605,612	20,588	78,206	704,406
Nevada	24,496,813	606,039	5,781,421	30,884,273
New Mexico	649,328,287	15,855,300	98,983,113	764,166,700
North Dakota	14,234,381	462,727	1,949,932	16,647,040
Oklahoma	8,289,147	385,506	1,685,186	10,359,839
Oregon	1,731,442	9,633	488,036	2,229,111
South Dakota	8,171,836	244,104	664,652	9,080,592
Utah	217,831,719	3,972,476	17,191,216	238,995,411
Washington	368,871	.....	53,781	422,652
Wyoming	1,183,422,587	25,710,097	117,942,969	1,327,075,653
Total	3,251,803,582	63,092,049	315,133,478	3,630,029,109

¹Potash receipts not included; from oil and gas, \$292,284,433; coal, \$9,992,421; phosphate, \$1,095,026; sodium, \$8,502,953; Geothermal, \$3,053,699; and Other, \$204,946.

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 119.—Receipts under miscellaneous mineral leasing acts, 1977

State	Miscellaneous Mineral Leasing Acts	Acquired land acts ¹	Other Acts	Total
Alabama	\$4,400	\$85,295	.....	\$89,695
Alaska	.....	344,177	.....	344,177
Arizona	1,071	33,006	.....	34,077
Arkansas	401,399	693,646	.....	1,095,045
California	639,388	460,948	² \$494,139	1,594,475
Colorado	6,801	277,977	¹ 1,049	285,827
Florida	.....	77,030	.....	77,030
Georgia	.....	4,097	.....	4,097
Idaho	.....	2,606	.....	2,606
Illinois	.....	3,437	.....	3,437
Indiana	.....	1,390	.....	1,390
Kansas	41,698	170,464	.....	212,162
Kentucky	18,331	121,891	.....	140,222
Louisiana	1,881,793	3,997,239	.....	5,879,032
Maryland	.....	4,112	.....	4,112
Michigan	38,147	202,899	.....	241,046
Minnesota	.....	1,714	.....	1,714
Mississippi	3,175	1,123,389	.....	1,126,564
Missouri	.....	6,808,389	.....	6,808,389
Montana	11,648	951,702	.....	963,350
Nebraska	156,678	39,519	.....	196,197
Nevada	160	³ 3,320	² 24,677	28,157
New Mexico	1,741	188,822	² 5,291,071	5,478,634
New York	.....	17,439	.....	17,439
North Carolina	.....	5,006	.....	5,006
North Dakota	35,702	2,230,067	.....	2,265,769
Ohio	.....	12,424	.....	12,424
Oklahoma	⁴ 253,353	522,052	.....	775,405
Oregon	.....	1,142	.....	1,142
Pennsylvania	.....	91	.....	91
South Dakota	4,291	159,254	.....	163,545
Tennessee	.....	701	.....	701
Texas	86,291	329,396	.....	415,687
Utah	190,718	29,879	² 47,262	267,859
Virginia	.....	45,664	.....	45,664
Washington	.....	1,006	.....	1,006
West Virginia	.....	269,062	.....	269,062
Wisconsin	.....	930	.....	930
Wyoming	3,455	527,933	.....	531,388
Outer Continental Shelf:				
Gulf of Mexico	.....	.....	⁵ 2,359,636,543	2,359,636,543
Atlantic Coast	.....	.....	¹ 1,695,744	1,695,744
Pacific Coast	.....	.....	² 10,423,828	10,423,828
Alaska	.....	.....	¹ 1,227,976	1,227,976
Total	⁶ 3,780,240	19,746,115	2,378,842,289	2,402,368,644

¹Act of August 7, 1947 (61 Stat, 913).²Potash Leasing Act.³Includes \$3,141 Silica Sand Leasing Act.⁴Includes \$130,304 former Choctaw-Chickasaw Indian lands (coal).⁵Outer Continental Shelf Land Act (43 U.S.C. 1338).⁶Includes oil and gas \$3,641,737; coal \$130,304; and other \$8,199.

TABLE 120.—Allocation of Bureau of Land Management receipts, 1977

Source of receipts	Indian trust funds	Reclamation fund	State and counties	Other funds	Total
Mineral leases and permits . . .	\$240,332	\$128,005,081	\$161,058,521	\$55,214,097	¹ \$344,518,031
Outer Continental Shelf leases				2,372,984,091	2,372,984,091
Sales of public land		1,921,079	112,645	782,400	2,816,124
Sales of public timber		8,319,264	437,856	2,189,280	10,946,400
Fees and commissions				26,791,090	26,791,090
O&C lands			106,045,424	106,045,424	² 212,090,848
Coos Bay Wagon Road lands			1,213,015	11,047,642	12,260,657
Grazing leases			1,249,908	1,249,908	³ 2,499,816
Grazing district fees			1,786,956	12,513,212	³ 14,300,168
Rights-of-way		735		690,436	691,171
Miscellaneous leases and permits		33,539	182,972	3,316,947	³ 3,533,458
Nonoperating revenue				3,995,466	3,995,466
Other				627,331	627,331
Total	240,332	138,279,698	272,087,297	2,597,447,324	3,008,054,651

¹Includes acquired lands \$19,746,115 and transferred lands \$3,780,240.

²Includes transfers from Forest Service \$23,591,768.

³Includes \$9,171,699 for range improvement fund.

TABLE 121.—Allocation of Bureau of Land Management receipts to States, 1977

State	Sale of public land and timber	Mineral leases and permits	Taylor grazing leases	Taylor grazing districts	Other	Total
Alabama		\$12,613				\$12,613
Alaska	\$11,536	1,006,372				1,017,908
Arizona	2,733	388,812	\$122,915	\$98,822		613,282
Arkansas		123,326				123,326
California	58,306	9,473,646	147,600	28,159		9,707,711
Colorado	14,734	15,823,766	46,477	97,086		15,982,063
Florida		6,308				6,308
Idaho	75,524	1,366,817	34,290	209,891		1,686,522
Kansas		457,429	105			457,534
Louisiana		323,928				323,928
Michigan		15,379				15,379
Mississippi		10,169				10,169
Montana	5,039	6,949,023	138,262	150,603	¹ \$173,824	7,416,751
Nebraska		39,103	1,026			40,129
Nevada	6,675	2,903,049	33,459	367,223		3,310,406
New Mexico	56,222	52,144,813	200,681	262,479	² 19,148	52,673,343
North Dakota		974,966	8,210			983,176
Oklahoma		842,593	410			843,003
Oregon	298,323	244,018	44,539	167,500	² 107,258,439	108,012,819
South Dakota	452	332,326	62,945			395,723
Utah	3,079	8,621,690		175,841		8,800,610
Washington	12,560	26,891	27,649			67,100
Wyoming	5,318	58,971,484	381,340	229,352		59,587,494
Total	550,501	161,058,521	1,249,908	1,786,956	107,441,411	272,087,297

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

²From "O&C" lands \$106,424; Coos Bay Wagon Road lands \$1,213,015.

TABLE 122.—Legal allocation of Bureau of Land Management receipts, 1977

Source of receipts	Authority	Disposition of gross receipts				
		States and Counties	General Fund	Indian Trust	Reclamation	Range ¹ Improvement
		Percent	Percent	Percent	Percent	Percent
Mineral leases and permits:						
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					
Oil and gas royalties	July 7, 1958 and December 18, 1971	75.6	8.4	² 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	³ 75.0	25.0			
Coos Bay Wagon Road Grant Lands	Act of May 24, 1939	⁴ 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-Arappo 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	(5)				
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	³ 75.0	25.0			
Coos Bay Wagon Road Grant Lands	Act of May 24, 1939	⁴ 75.0	25.0			
Public Domain and Acquired Lands in "Reclamation States" ¹⁶	43 U.S.C. 391 and 30 U.S.C. 601	74.0	20.0		76.0	
Public Domain and Acquired Lands Outside "Reclamation States" ¹⁶	31 U.S.C. 711 (17)	74.0	96.0			
LU Lands	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563; Executive Orders 10787, 10890; Solicitor's Opinion March 11, 1971	(8)				
Reclamation Lands (within Reclamation Project)	43 U.S.C. 394 and Cooperative Agreement March 8, 1972				⁹ 100.0	
Townsites in Reclamation Project	34 Stat. 116; 20 C.G. 365	5.0			¹⁰ 95.0	
Naval Petroleum and Oil Shale Reserves	10 U.S.C. 7431		100.0			

Grazing (Section 3):					
Public Domain Lands (grazing fee only) ⁶	43 U.S.C. 315i	12.5	37.5	.....	50.0
LU Lands (grazing fee only)	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563	12.5	37.5	.....	50.0
LU Lands (grazing fee only)	Executive Orders 10787, 10890, Solicitor's Opinion March 11, 1971	25.0	25.0	.....	50.0
Public Domain and LU Lands (range improvement fee)	Same as Public Domain and LU Lands				100.0
Public Domain (Alaska)	43 U.S.C. 316h	(11)			.....
Reclamation Lands (within Reclamation Project)	43 U.S.C. 394 and Cooperative Agreement March 8, 1972			100.0	.....
Leased Lands	43 U.S.C. 315m-4		¹² 100.0		.....
Grazing (Section 15):					
Public Domain Lands (total receipts) ⁶	43 U.S.C. 315i	50.0			50.0
LU Lands (total receipts)	Executive Orders 10046, 10234, 10322; Comptroller General Decisions 102563	50.0			50.0
LU Lands (total grazing receipts)	Executive Orders 10787, 10890, Solicitor's Opinion March 11, 1971	25.0	25.0		50.0
O&C and Coos Bay Wagon Road Grant Lands	43 U.S.C. 1181d	75.0	25.0		50.0
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		.....

¹Range Improvement fees are appropriated and available to Bureau of Land Management for the construction, purchase, or maintenance of range improvements.

²Amount to Indian Trust is for Alaska Native Fund.

³One-third of this amount is to reimburse Treasury for moneys appropriated for access roads and reforestation; counties receive at least 50% of gross receipts.

⁴Amount to counties is available for payment upon receipt of tax bills. Any surplus after each 10 year period is paid into the General Fund.

⁵Distributed by the Agency having jurisdiction over the lands in the same manner as prescribed for other receipts from the same lands.

⁶Includes revenues from Reclamation lands outside Reclamation projects per Cooperative Agreement of March 8, 1972.

⁷Payment to States represents 5% of net receipts.

⁸Distribution same as LU Mineral Leases and Permits.

⁹Payment 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.

¹⁰Bureau 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.

¹¹Payment to State represents receipts in excess of the actual cost of administration of the grazing program in Alaska.

¹²Appropriated and available to Bureau of Land Management for the leasing of lands for grazing purposes.

PUBLIC LAND STATISTICS

TABLE 123.—*Allocations to States out of receipts from sales of public lands, March 3, 1803–September 30, 1977*

State	Fiscal year	Transition Period July 1, 1976– September 30, 1976	Fiscal year	Total
	1803–1976		1977	
Alabama	\$1,109,647			\$1,109,647
Alaska	396,761	\$7,573	\$11,536	415,870
Arizona	289,473	781	2,611	292,865
Arkansas	389,228			389,228
California	2,716,899	5,940	6,789	2,729,628
Colorado	731,276	715	10,571	742,562
Florida	227,687			227,687
Idaho	708,615	1,513	4,290	714,418
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			483,309
Michigan	594,798			594,798
Minnesota	610,610			610,610
Mississippi	1,083,513			1,083,513
Missouri	1,061,506			1,061,506
Montana	802,221	300	256	802,777
Nebraska	581,330			581,330
Nevada	656,376	21,110	5,018	682,504
New Mexico	415,206	939	55,785	471,930
North Dakota	543,606	1		543,607
Ohio	999,361			999,361
Oklahoma	88,744			88,744
Oregon	2,705,942	4,230	8,729	2,718,901
South Dakota	361,889		129	362,018
Utah	424,238	9,102	2,424	435,764
Washington	589,738	603		590,341
Wisconsin	593,329			593,329
Wyoming	469,531	6,824	4,507	480,862
Total	23,625,570	59,631	112,645	23,797,846

TABLE 124.—*Allocations to States from mineral leasing acts receipts, February 25, 1920—September 30, 1977*

State	Fiscal year	Transition Period July 1, 1976— September 30, 1976	Fiscal year	Total
	1920-1976		1977	
Alabama	228,193	\$5,777	\$12,613	\$246,583
Alaska	124,241,632	163,063	1,006,372	125,411,067
Arizona	3,776,760	22,761	388,812	4,188,333
Arkansas	833,772	22,617	123,326	979,715
California	118,003,739	1,794,570	9,473,646	129,271,955
Colorado	183,990,550	3,229,916	15,823,766	203,044,232
Florida	125,300	1,393	6,308	133,001
Idaho	6,580,637	293,356	1,366,817	8,240,810
Illinois	83	.....	.....	83
Indiana	90	.....	.....	90
Kansas	3,326,654	87,538	457,429	3,871,621
Louisiana	5,122,858	51,218	323,928	5,498,004
Michigan	168,403	2,190	15,379	185,972
Mississippi	196,833	3,285	10,169	210,287
Montana	60,690,377	1,386,589	16,949,023	69,025,989
Nebraska	227,059	9,702	39,103	275,864
Nevada	9,239,692	249,530	2,903,049	12,392,271
New Mexico	277,730,335	7,610,665	52,144,813	337,485,813
North Dakota	5,337,996	192,685	974,966	6,505,647
Oklahoma	3,196,162	191,298	842,593	4,230,053
Oregon	649,611	3,898	244,018	897,527
South Dakota	3,064,100	109,314	332,326	3,505,740
Utah	82,259,658	1,783,532	28,621,690	92,664,880
Washington	135,034	.....	26,891	161,925
Wyoming	443,222,989	11,661,415	58,971,484	513,855,888
Total	1,332,348,517	28,876,312	161,058,521	1,522,283,350

¹Includes under Executive Order of November 6, 1958; Montana \$201,822; New Mexico \$7,720.

²Includes \$1,992 under Executive Order of October 27, 1960.

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

TABLE 125.—*Allocations to States from Taylor Grazing Act (Section 3) receipts June 28, 1934—September 30, 1977*

State	Fiscal year	Transition period July 1, 1976— September 30, 1976	Fiscal year	Total
	1934-1976		1977	
Arizona	\$709,506	\$2,424	\$98,822	\$810,752
California	301,376	273	28,159	329,808
Colorado	814,428	3,598	97,086	915,112
Idaho	1,424,813	6,770	209,891	1,641,474
Montana	925,568	3,634	150,603	1,079,805
Nevada	2,482,608	9,067	367,223	2,858,898
New Mexico	1,986,394	2,923	262,479	2,251,796
Oregon	1,113,231	6,525	167,500	1,287,256
Utah	1,874,161	7,133	175,841	2,057,135
Wyoming	1,794,186	6,556	229,352	2,030,094
Total	13,426,271	48,903	1,786,956	15,262,130

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

TABLE 126.—*Allocations to States from Taylor Grazing Act (Section 15) receipts
June 28, 1934–September 30, 1977*

State	Fiscal year	Transition period July 1, 1976– September 30, 1976	Fiscal year	Total
	1934–1976		1977	
Arizona	\$1,046,180	\$17,231	\$122,915	\$1,186,326
Arkansas	358	.....	.....	358
California	1,345,915	14,638	147,600	1,508,153
Colorado	438,358	5,631	46,477	490,466
Idaho	332,958	2,293	34,290	369,541
Kansas	640	.....	105	745
Louisiana	43	.....	.....	43
Minnesota	45	.....	.....	45
Mississippi	5	.....	.....	5
Montana	1,159,812	21,770	138,262	1,319,844
Nebraska	9,164	47	1,026	10,237
Nevada	228,940	982	33,459	263,381
New Mexico	1,003,045	10,731	200,681	1,214,457
North Dakota	66,008	24	8,210	74,242
Oklahoma	5,293	177	410	5,880
Oregon	464,329	2,874	44,539	511,742
South Dakota	457,183	2,916	62,945	523,044
Washington	211,085	1,232	27,649	239,966
Wyoming	2,995,098	29,887	381,340	3,406,325
Total	9,764,459	110,433	1,249,908	11,124,800

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

TABLE 127.—*Allocations to counties from revested Oregon and California, and reconveyed Coos Bay Wagon Road land-grant funds, June 8, 1916–September 30, 1977*

State and county	1916–1976 ¹	Transition Period July 1–Sept. 30, 1976	1977	Total
O&C funds				
Oregon:				
Benton	\$17,933,343	\$830,721	\$2,979,877	\$21,743,941
Clackamas	34,694,039	1,640,749	5,885,521	42,220,309
Columbia	12,822,286	608,999	2,184,536	15,615,821
Coos	37,127,280	1,744,219	6,256,680	45,128,179
Curry	21,506,643	1,079,051	3,870,658	26,456,352
Douglas	156,982,220	7,405,542	26,564,379	190,952,141
Jackson	98,810,102	4,632,529	16,617,318	120,059,949
Josephine	73,652,025	3,571,216	12,810,287	90,033,528
Klamath	14,405,051	691,775	2,481,463	17,578,289
Lane	95,610,569	4,514,277	16,193,136	116,317,982
Lincoln	2,315,033	106,427	381,764	2,803,224
Linn	16,800,656	780,464	2,799,599	20,380,719
Marion	9,257,678	431,620	1,548,263	11,237,561
Multnomah	6,707,415	322,237	1,155,895	8,185,547
Folk	13,798,964	638,562	2,290,581	16,728,107
Tillamook	3,582,484	165,553	593,854	4,341,891
Washington	4,006,623	186,247	668,086	4,860,956
Yamhill	4,577,872	212,854	763,527	5,554,253
Total Oregon	624,590,283	29,563,042	106,045,424	760,198,749
Washington:				
Clark	3,765	.....	.....	3,765
Total from O&C funds	624,594,048	29,563,042	106,045,424	760,202,514
Coos Bay funds				
Oregon:				
Coos	7,220,962	6,277	1,019,066	8,246,305
Douglas	1,294,905	323,110	193,949	1,811,964
Total from Coos Bay funds	8,515,867	329,387	1,213,015	10,058,269
Grand total	633,109,915	29,892,429	107,258,439	770,260,783

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

Note.—Allocations made under authority of the Acts 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 128.—*Amounts credited to the reclamation fund from public land sales and timber sales, 1901–September 30, 1977*

State	Fiscal year	Transition period July 1, 1976– September 30, 1976	Fiscal year	Total
	1901–1976		1977	
Arizona	\$8,435,547	\$15,074	\$51,930	\$8,502,551
California	42,669,604	418,671	1,107,811	44,196,086
Colorado	15,299,842	41,472	279,941	15,621,255
Idaho	16,470,482	229,807	1,434,954	18,135,243
Kansas	1,047,375	.....	.....	1,047,375
Montana	20,399,479	29,155	95,749	20,524,383
Nebraska	2,248,759	.....	.....	2,248,759
Nevada	14,661,101	405,290	126,834	15,193,225
New Mexico	12,922,662	18,904	1,068,213	14,009,779
North Dakota	12,293,111	24	.....	12,293,135
Oklahoma	6,460,241	.....	.....	6,460,241
Oregon	59,162,346	2,233,676	5,668,131	67,064,153
South Dakota	8,048,832	470	8,596	8,057,898
Utah	9,329,944	175,456	58,508	9,563,908
Washington	11,359,550	84,751	238,643	11,682,944
Wyoming	12,313,712	142,773	101,033	12,557,518
Total	253,122,587	3,795,523	10,240,343	267,158,453

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

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