

# Non-producing<sup>18</sup>

0.01 percent of the unreclaimed Abandoned Mine Land problems

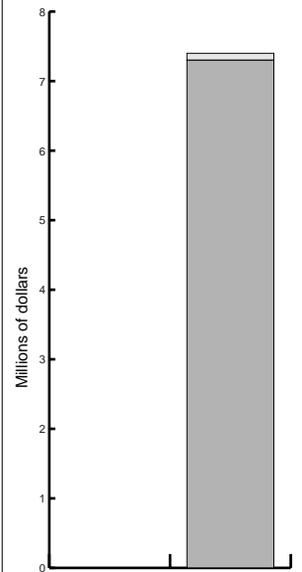


The non-producing states and Tribes include: Idaho, Massachusetts, Michigan, North Carolina, Oregon, Rhode Island, South Dakota, and the Acoma Pueblo, Canoncito Navajo, Cheyenne River, Fort Belknap, Fort Berthold, Fort Peck, Jicarilla Apache, Laguna Pueblo, Mescalero Apache, Nez Perce, Nooksak, Northern Cheyenne, Rocky Boy's, San Carlos Apache, Seneca Cayuga, Turtle Mountain Ute (Ute Mountain, Southern Ute, and Uintah-Ouray), Quapaw, Ute Mountain Apache, White Mountain Apache, Wind River and Zuni Pueblo Reservations. All of these geographic areas have coal resources, and, if production were to occur, the Office of Surface Mining would be the regulatory authority.

With the exception of Michigan, all Abandoned Mine Land reclamation in these areas has been completed by the Office of Surface Mining.

## coal production<sup>10</sup>

|                                  | 1978   |                    | 1997   |                    | 1978-1997 Rank |
|----------------------------------|--------|--------------------|--------|--------------------|----------------|
|                                  | Amount | Percent U.S. Total | Amount | Percent U.S. Total |                |
| <b>Tons Produced</b>             |        |                    |        |                    |                |
| Surface                          | 0      | 0%                 | 0      | 0%                 | 0              |
| Underground                      | 0      | 0%                 | 0      | 0%                 | 0              |
| Lignite                          | 0      | 0%                 | 0      | 0%                 | 0              |
| Total                            | 0      | 0%                 | 0      | 0%                 | 0              |
| <b>Number of Producing Mines</b> |        |                    |        |                    |                |
| Surface (bituminous coal)        | 0      | 0%                 | 0      | 0%                 | 0              |
| Underground                      | 0      | 0%                 | 0      | 0%                 | 0              |
| Lignite (surface)                | 0      | 0%                 | 0      | 0%                 | 0              |
| Total                            | 0      | 0%                 | 0      | 0%                 | 0              |
| <b>Mine Production</b>           |        |                    |        |                    |                |
| Average                          | 0      | 0%                 | 0      | 0%                 | 0              |
| >1,000,000 tons                  | 0      | 0%                 | 0      | 0%                 | 0              |
| 300,000-1,000,000 tons           | 0      | 0%                 | 0      | 0%                 | 0              |
| <300,000 tons                    | 0      | 0%                 | 0      | 0%                 | 0              |



|                                               |              |
|-----------------------------------------------|--------------|
| Amount paid into the AML Fund <sup>11</sup>   | \$ 0         |
| Amount received for reclamation <sup>12</sup> | \$ 0         |
| State share balance in the Fund <sup>13</sup> | \$ 0         |
| Federal abandoned mine projects <sup>14</sup> | \$ 7,316,328 |
| RAMP abandoned mine projects <sup>15</sup>    | \$ 180,632   |

# Active mining and reclamation<sup>16</sup>

|                                | 1978 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | Total |
|--------------------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| <b>Number of New Permits</b>   |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| Surface Mining                 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Underground Mining             | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Other                          | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| <b>Acreage Permitted</b>       |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| Surface Mining                 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Underground Mining             | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Other                          | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| <b>Acreage of Bond Release</b> |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| Interim Prog. (final)          | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Phase 1                        | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Phase 2                        | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Phase 3                        | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| <b>Inspections</b>             |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| Complete                       | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Partial                        | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| Oversight                      | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| <b>Citations Issued</b>        |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| NOV's                          | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |
| CO's                           | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0     |

# Abandoned coal mine reclamation 1977-1997<sup>17</sup>

|                                                                                                             | Reclaimed Problems |                 |               | Remaining Problems |                   |
|-------------------------------------------------------------------------------------------------------------|--------------------|-----------------|---------------|--------------------|-------------------|
|                                                                                                             | OSM Emergency      | State Emergency | Non-Emergency | Number             | Estimated Cost    |
| <b>Priority 1 &amp; 2 (Protection of Public Health, Safety, and General Welfare) and Emergency Projects</b> |                    |                 |               |                    |                   |
| Clogged Streams (miles)                                                                                     | 0                  | 0               | 8.1           | 0                  | \$ 0              |
| Clogged Stream Lands (acres)                                                                                | 0                  | 0               | 1.0           | 0                  | 0                 |
| Highwalls (feet)                                                                                            | 0                  | 0               | 8,255         | 0                  | 0                 |
| Impoundments (count)                                                                                        | 0                  | 0               | 0             | 0                  | 0                 |
| Piles & Embankments (acres)                                                                                 | 0                  | 0               | 515.8         | 23.0               | 110,000           |
| Slides (acres)                                                                                              | 0                  | 0               | 0             | 0                  | 0                 |
| Gases (count)                                                                                               | 0                  | 0               | 0             | 0                  | 0                 |
| Equipment & Facilities (count)                                                                              | 0                  | 0               | 20.0          | 14.0               | 37,000            |
| Water Bodies (count)                                                                                        | 0                  | 0               | 32.0          | 0                  | 0                 |
| Industrial Waste (acres)                                                                                    | 0                  | 0               | 9.0           | 0                  | 0                 |
| Portals (count)                                                                                             | 0                  | 0               | 84.0          | 35.0               | 186,000           |
| Polluted Water: Agriculture & Industrial (count)                                                            | 0                  | 0               | 0             | 0                  | 0                 |
| Polluted Water: Human Consumption (count)                                                                   | 0                  | 0               | 0             | 0                  | 0                 |
| Subsidence (acres)                                                                                          | 0                  | 0               | 44.0          | 3.1                | 114,200           |
| Surface Burning (acres)                                                                                     | 0                  | 0               | 8.0           | 0                  | 0                 |
| Underground Mine Fires (acres)                                                                              | 0                  | 0               | 0             | 0                  | 0                 |
| Vertical Openings (count)                                                                                   | 0                  | 0               | 47.0          | 22.0               | 147,438           |
| <b>Total</b>                                                                                                |                    |                 |               |                    | <b>\$ 594,638</b> |
| <b>Priority 3 (Environmental Restoration)</b>                                                               |                    |                 |               |                    |                   |
| Bench (acres)                                                                                               | 0                  | 0               | 0             | 0                  | \$ 0              |
| Industrial Waste (acres)                                                                                    | 0                  | 0               | 0             | 7.0                | 43,500            |
| Equipment & Facilities (count)                                                                              | 0                  | 0               | 3.0           | 18.0               | 57,950            |
| Gob (acres)                                                                                                 | 0                  | 0               | 27.0          | 42.7               | 324,825           |
| Highwall (feet)                                                                                             | 0                  | 0               | 1,500.0       | 221.0              | 79,300            |
| Haul Road (acres)                                                                                           | 0                  | 0               | 0.6           | 0                  | 0                 |
| Mine Opening (count)                                                                                        | 0                  | 0               | 2.0           | 7.0                | 12,900            |
| Pit (acres)                                                                                                 | 0                  | 0               | 10.0          | 9.0                | 24,000            |
| Spoil Area (acres)                                                                                          | 0                  | 0               | 90.0          | 22.0               | 75,050            |
| Slurry (acres)                                                                                              | 0                  | 0               | 0             | 0                  | 0                 |
| Slump (acres)                                                                                               | 0                  | 0               | 11.0          | 0                  | 0                 |
| Water (gallons/minute)                                                                                      | 0                  | 0               | 0             | 400,072.0          | 27,200            |
| <b>Total</b>                                                                                                |                    |                 |               |                    | <b>\$ 644,725</b> |