

THE COALPROD DATABASE:  
HISTORICAL PRODUCTION DATA FOR THE MAJOR COAL-PRODUCING REGIONS  
OF THE CONTERMINOUS UNITED STATES

Compiled by  
Robert C. Milici

U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT 97-447A

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The COALPROD database contains coal production information, in short tons, for the major producing states within the conterminous U.S. (exclusive of Alaska), by major coal producing regions. These regions include the Appalachian basin, Eastern Interior basin (Illinois basin), Gulf Coast region, the Rocky Mountain region, and the Northern Great Plains region (Table).

APPALACHIAN BASIN	EASTERN INTERIOR BASIN	GULF COAST	ROCKY MOUNTAINS	GREAT PLAINS
Pennsylvania	Illinois	Texas	Montana	North Dakota
Ohio	Indiana	Louisiana	Wyoming	South Dakota
West Virginia	Western Kentucky		Colorado	
Eastern Kentucky			New Mexico	
Maryland			Utah	
Virginia			Arizona	
Tennessee				
Georgia				
Alabama				

Coal of Early Mesozoic age was first produced in the U.S. from the banks of the James River near Manakin, Virginia, and was used in Colonial Virginia for domestic needs by French Huguenot settlers (Wilkes, 1988). It was not until 1758 that coal was produced commercially, however, when 9 tons of coal from near Richmond was shipped to New York. Eavenson (1942, p. 4) reports that the 1830 census was the first to collect and publish coal tonnages and that it was not until the middle 1880's that coal production statistics "became reasonably complete and accurate." Nevertheless, Eavenson (1942) published available coal production data, by state and by county, from about 1800 until shortly after the end of the century.

The data used in this compilation are from several state and federal sources, including Currens and Smith (1977) for Kentucky; U.S. Energy Information Administration *Coal Production* (1983 -1993); U.S. Energy Information Administration *Coal Industry Annuals* (1994-1996); U.S. Bureau of Mines *Minerals Yearbooks* (1933-1976); U.S. Bureau of Mines *Mineral Resources of the United States* (1927-1933) U.S. Geological Survey *Mineral Resources of the United States* (1907 to 1926), and from databases and publications available from state geologic surveys. In addition, an unpublished manuscript (obtained from EIA) by Christiansen (1948) was used for much of the data from 1800 to 1947. Christiansen appears to have compiled coal production data both from Eavenson (1942) and from U.S. Bureau of Mines yearbooks. Where data from two different sources overlap, there commonly is a difference in the production statistics. The differences are generally small, however, and do not affect the overall production trends for the different states.

The present compilation began in 1984 as part of a study on Appalachian energy resources by Wallace deWitt, Jr., and Robert C. Milici (1989), and was published by the Geological Society of America. Subsequent additions to the database were made as part of the U.S. Geological Survey's National Coal Resources Assessment project. Reports containing graphs of some of this data were published in the Proceedings of the Thirteenth Annual Pittsburgh Coal Conference at Pittsburgh, and as SME preprint 97-5 for the SME annual meeting in Denver. These papers are available on the USGS web site, (<http://energy.er.usgs.gov>) This release of the basic coal production data in digital form is in response to user requests for the basic historical production data. The U.S. Geological Survey makes no claims as to the accuracy of this data.

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APPALACHIAN BASIN

YEAR	PA BITUM PRODUCTION	PA ANTH PRODUCTION	EAST KY PRODUCTION	WVA PRODUCTION	OHIO PRODUCTION	MD PRODUCTION	VA PRODUCTION	TENN PRODUCTION	GA PRODUCTION	ALABAMA PRODUCTION
1790										
1791										
1792										
1793										
1794										
1795										
1796										
1797										
1798										
1799										
1800	87,000	250	100		100		18,000			
1801	89,000	250	100		100		22,000			
1802	92,000	250	100		100		26,000			
1803	94,000	300	200		200		29,500			
1804	97,100	350	200		200		40,500			
1805	100,100	400	300		200		42,000			
1806	104,200	400	400		350		43,000			
1807	108,200	450	500		450		44,000			
1808	112,300	950	500		450		45,000			
1809	116,600	1,450	600		450		46,000			
1810	120,700	2,200	700		1,000		47,000			
1811	130,800	2,200	800		1,200		48,000			
1812	143,000	2,300	900		1,600		50,000			
1813	155,100	2,300	1,000		2,250		52,000			
1814	169,300	2,400	1,100		2,850		54,000			
1815	183,600	2,400	1,200		3,450		56,000			
1816	205,900	2,400	1,300		4,600		57,000			
1817	228,000	2,400	1,400		5,400		58,000			
1818	251,300	2,700	1,500		6,000		59,000			
1819	232,900	3,200	1,600		6,850		60,000			
1820	225,600	4,065	1,700		9,900	3,000	62,000			
1821	233,900	3,666	1,800		11,100	0	64,000			
1822	243,000	5,533	1,900		13,200	0	54,000			
1823	251,200	10,106	2,000		16,700	0	43,968			
1824	260,400	15,278	2,600		18,100	0	67,040			
1825	270,050	43,119	3,100		19,500	0	66,720			
1826	294,680	61,393	3,600		18,100	0	88,641			
1827	320,850	79,707	4,200		19,500	0	84,720			
1828	347,500	102,944	5,000		21,100	0	100,080			
1829	372,100	149,187	11,100		22,900	0	93,350			
1830	397,700	234,790	13,600		25,300	0	102,799			
1831	425,340	257,958	16,100		28,000	0	104,320			
1832	450,940	501,951	17,500		31,100	12,000	132,033			
1833	437,240	683,275	19,500		36,819	0	159,697			
1834	504,540	511,682	27,400		44,347	0	124,000			
1835	531,640	759,939	28,000		53,376	0	201,600			

APPALACHIAN BASIN

1836	607,420	924,816	31,000	60,844	0	124,000			
1837	575,260	1,163,950	47,500	69,921	0	112,000			
1838	618,263	977,775	62,200	77,624	0	107,999			
1839	731,322	1,072,328	49,500	89,500	0	96,000			
1840	699,994	1,129,206	47,400	103,664	8,880	88,000	558		946
1841	783,515	1,262,246	47,800	114,884	0	79,600	600		1,000
1842	833,900	1,440,986	48,200	123,734	2,104	77,000	1,000		1,000
1843	887,100	1,656,397	48,600	135,332	12,421	95,606	4,500		1,200
1844	981,500	2,127,653	49,000	183,620	18,345	115,313	10,000		1,200
1845	1,130,000	2,625,757	49,300	218,300	30,372	134,603	18,000		1,500
1846	1,255,500	3,032,199	48,800	230,979	36,707	124,669	25,000		1,500
1847	1,466,900	3,726,414	48,200	281,924	65,222	136,422	30,000		2,000
1848	1,767,399	4,001,418	47,600	355,703	98,032	120,747	40,000		2,000
1849	1,852,500	4,171,789	47,000	464,805	175,497	138,801	52,000		2,500
1850	2,147,500	4,326,969	46,900	616,846	242,517	138,017	60,000		2,500
1851	2,403,300	5,813,573	46,500	778,900	317,460	136,523	70,000		3,000
1852	2,719,200	6,412,166	47,300	957,048	411,707	106,087	75,000		3,000
1853	2,944,800	6,652,635	49,300	1,265,421	657,862	101,726	85,000		4,000
1854	3,230,800	7,668,143	51,400	1,922,289	812,727	132,554	90,000		4,500
1855	3,428,700	8,606,687	66,600	1,943,804	735,137	125,977	100,000		6,000
1856	3,695,786	8,959,739	67,300	1,998,560	817,659	106,150	115,000		6,800
1857	4,335,039	8,618,223	69,200	2,167,909	654,017	114,826	125,000		8,000
1858	4,383,560	8,807,938	70,900	1,983,478	722,686	113,734	135,000		8,500
1859	4,504,000	10,092,013	72,600	1,914,466	833,349	106,338	150,000		9,000
1860	4,710,400	10,983,972	74,600	1,849,586	438,000	112,473	165,300	1,900	10,200
1861	4,562,000	10,245,156	2,150	1,855,300	287,073	94,897	150,000	2,500	10,000
1862	4,995,600	10,186,435		1,890,400	346,201	115,495	140,000	3,500	12,500
1863	5,332,600	12,267,466		1,923,500	877,313	112,068	100,000	6,000	15,000
1864	5,332,600	13,067,168		1,952,500	755,764	111,742	100,000	10,000	15,000
1865	6,372,900	12,076,996		1,891,288	1,025,208	73,730	100,000	10,000	12,000
1866	6,512,300	15,783,977	30,000	1,847,249	1,217,668	70,912	100,000	8,000	12,000
1867	6,441,800	16,067,121	44,900	2,005,883	1,381,429	90,810	110,000	8,000	10,000
1868	7,348,400	17,707,722	70,800	2,483,702	1,529,879	96,184	125,000	10,000	10,000
1869	8,878,000	18,340,759	92,074	2,646,100	2,216,300	115,564	130,000	12,000	10,000
1870	9,223,856	19,958,064	125,245	2,959,421	1,819,824	90,200	133,000	15,000	11,000
1871	12,023,130	19,464,878	127,315	618,830	3,023,756	101,932	180,000	20,000	15,000
1872	12,920,876	24,734,173	154,880	700,000	5,315,294	2,647,156	224,000	25,000	16,800
1873	13,787,700	25,626,631	148,580	1,000,000	5,405,028	3,198,911	350,000	40,000	44,800
1874	12,559,800	24,267,472	164,465	1,120,000	4,304,975	2,899,392	81,851	350,000	50,400
1875	12,443,860	23,120,730	226,110	1,120,000	5,356,212	2,808,018	88,706	360,000	67,200
1876	12,882,000	22,793,245	260,100	896,000	4,210,182	2,126,873	57,182	550,000	112,000
1877	14,000,000	25,660,316	294,903	1,120,000	4,580,048	1,939,575	67,907	450,000	120,000
1878	15,120,000	21,689,682	315,940	1,120,000	4,911,116	2,068,925	50,000	375,000	224,000
1879	16,240,000	30,207,793	373,202	1,400,000	5,404,980	2,132,233	45,000	450,000	280,000
1880	21,280,000	28,649,812	458,105	1,829,844	7,956,995	2,228,917	43,079	495,131	323,972
1881	22,400,000	31,920,018	494,600	1,680,000	8,225,000	2,533,348	50,000	840,000	420,000
1882	24,640,000	35,121,256	537,500	2,240,000	9,450,000	1,555,445	112,000	850,000	160,000
1883	26,880,000	38,456,845	580,800	2,335,833	8,229,429	2,476,075	252,000	1,000,000	1,568,000

APPALACHIAN BASIN

1884	28,000,000	37,156,847	617,051	3,360,000	7,640,062	2,765,617	336,000	1,200,000	150,000	2,240,000
1885	26,000,000	38,335,974	693,287	3,369,062	7,816,179	2,833,337	567,000	1,400,957	150,000	2,492,000
1886	27,094,501	39,035,446	664,200	4,005,786	8,435,211	2,517,557	684,951	1,714,290	223,000	1,800,000
1887	31,516,856	42,088,197	950,901	4,881,620	10,301,708	3,278,023	825,263	1,900,000	313,715	1,950,000
1888	33,796,727	46,619,564	1,124,673	5,498,800	10,910,946	3,479,470	1,073,000	1,967,297	180,000	2,900,000
1889	36,174,089	45,546,970	1,108,770	6,231,880	10,907,385	2,939,715	865,786	1,925,689	225,000	3,572,983
1890	42,302,173	46,468,641	1,217,398	7,394,654	11,788,859	3,357,813	784,011	2,169,585	228,337	4,090,409
1891	42,788,490	50,665,431	1,354,664	9,220,665	13,050,187	3,820,239	736,399	2,413,687	171,000	4,759,781
1892	46,694,576	52,472,504	1,292,648	9,738,755	14,599,908	3,419,962	675,205	2,092,064	215,498	5,529,312
1893	44,070,724	53,967,543	1,502,489	10,708,578	14,828,097	3,716,041	820,339	1,902,258	372,740	5,136,935
1894	39,912,463	51,921,121	1,150,228	11,627,757	11,910,219	3,501,428	1,229,083	2,180,879	354,111	4,397,178
1895	50,217,228	57,999,337	1,423,493	11,387,961	13,683,879	3,915,585	1,368,324	2,535,644	260,998	5,693,775
1896	49,557,453	54,346,081	1,421,017	12,876,296	12,912,608	4,143,936	1,254,723	2,663,106	238,546	5,748,697
1897	54,417,974	52,611,681	1,189,481	14,248,159	12,448,822	4,442,128	1,528,302	2,888,849	195,869	5,893,770
1898	65,165,133	53,382,645	1,471,063	16,700,999	14,058,155	4,674,884	1,815,274	3,022,896	244,167	6,535,283
1899	74,150,175	60,418,005	1,764,875	19,252,995	15,908,934	4,807,396	2,105,791	3,330,659	233,111	7,593,416
1900	79,842,326	57,367,915	2,087,184	22,647,207	19,426,649	4,024,688	2,393,754	3,509,562	315,557	8,394,275
1901	82,305,946	67,471,667	2,253,062	24,068,402	20,321,290	5,113,127	2,725,873	3,633,290	342,825	9,099,052
1902	98,574,367	41,373,595	2,785,105	24,570,826	23,929,267	5,271,609	3,182,993	4,382,968	414,083	10,354,570
1903	103,117,178	74,607,068	2,953,469	29,337,241	24,573,266	4,846,165	3,451,307	4,798,004	416,951	11,654,324
1904	97,938,287	73,156,709	3,045,759	32,406,752	24,563,815	4,813,622	3,410,914	4,782,211	383,191	11,262,046
1905	118,413,637	77,659,850	3,357,189	37,791,580	25,634,657	5,108,539	4,275,271	5,766,690	351,991	11,866,069
1906	129,293,206	71,282,411	3,810,038	43,290,350	27,213,495	5,435,453	4,254,879	6,259,275	332,107	13,107,963
1907	150,143,177	85,604,312	4,275,279	48,091,583	32,365,949	5,532,628	4,710,895	6,810,243	362,401	14,250,454
1908	117,179,527	83,268,754	4,171,181	41,897,843	26,287,800	4,337,093	4,259,042	6,199,171	264,822	11,604,593
1909	137,966,791	81,070,359	4,715,994	51,849,220	27,755,032	4,023,241	4,752,217	6,358,645	211,196	13,703,450
1910	150,521,526	84,485,236	6,291,259	61,671,019	34,424,951	5,217,125	6,507,997	7,121,380	177,245	16,111,462
1911	144,561,257	90,464,067	6,965,270	59,831,580	30,342,039	4,685,795	6,864,667	6,433,156	165,210	15,021,421
1912	161,865,488	84,361,598	8,535,900	66,786,687	34,444,291	4,964,038	7,846,638	6,473,228	277,703	16,100,600
1913	173,781,217	91,524,922	10,985,133	71,254,136	36,285,468	4,779,839	8,828,068	6,860,184	255,626	17,678,522
1914	147,983,294	90,821,507	12,373,343	71,707,626	18,736,407	4,133,547	7,913,281	5,943,258	166,498	15,593,422
1915	157,955,137	88,995,061	13,688,204	77,184,069	22,627,046	4,180,477	8,069,122	5,730,361	134,486	14,927,937
1916	170,295,424	87,578,493	17,565,249	86,460,127	34,526,552	4,460,046	9,595,025	6,137,449	173,554	18,086,197
1917	172,448,142	99,611,811	17,879,024	86,441,667	41,677,986	4,745,924	9,945,079	6,194,221	119,028	20,068,074
1918	178,550,741	98,826,084	20,723,023	89,935,839	47,919,192	4,497,297	10,136,343	6,831,048	60,716	19,184,962
1919	150,758,154	88,092,201	21,292,582	79,036,553	35,225,908	3,021,686	9,210,933	5,213,205	53,000	15,536,721
1920	170,607,847	89,598,249	22,957,176	89,970,707	45,227,077	4,065,239	11,089,957	6,862,428	50,000	16,294,089
1921	116,013,942	90,473,451	22,200,884	72,786,996	32,242,857	1,827,740	7,403,232	4,460,326	34,000	12,568,899
1922	113,148,308	54,683,022	26,058,420	80,488,192	27,526,555	1,222,707	10,289,826	4,876,774	61,000	18,324,740
1923	171,879,913	93,339,009	33,142,105	107,899,941	40,904,275	2,285,926	11,521,761	6,040,268	76,000	20,457,649
1924	130,633,773	87,926,862	35,252,248	101,662,897	30,096,893	2,133,703	10,502,262	4,556,555	75,000	19,130,184
1925	136,928,019	61,817,149	42,949,544	122,380,959	27,564,760	2,694,572	12,532,786	5,454,011	66,000	20,004,395
1926	153,041,638	84,437,452	47,322,979	143,509,340	28,039,109	3,078,353	13,861,343	5,788,741	60,000	21,000,962
1927	132,964,639	80,095,564	48,852,933	145,122,447	15,762,369	2,814,842	12,743,450	5,783,367	77,000	19,765,866
1928	131,202,163	75,348,069	45,688,745	132,952,159	15,067,020	2,686,979	11,728,637	5,610,959	58,000	17,621,362
1929	143,516,241	73,828,195	46,304,737	138,518,855	23,128,649	2,649,114	12,477,206	5,405,464	45,000	17,943,923
1930	124,462,787	69,384,837	40,457,360	121,472,638	22,035,674	2,270,593	10,667,266	5,130,428	7,000	15,570,058
1931	97,658,698	59,645,652	32,107,150	101,473,172	20,422,980	2,005,773	9,514,919	4,721,548	22,000	11,998,781

APPALACHIAN BASIN

1932	74,775,862	49,855,221	26,166,176	85,608,735	13,969,414	1,428,937	7,535,299	3,537,882	27,000	7,856,939
1933	79,295,944	49,541,344	29,013,515	94,343,535	19,615,564	1,530,748	8,013,358	3,774,761	41,000	8,759,989
1934	89,825,875	57,168,291	30,873,945	98,134,393	20,340,974	1,627,112	9,174,678	4,135,790	33,000	9,142,117
1935	91,404,670	52,158,783	32,747,499	99,179,061	21,076,226	1,678,059	9,480,515	4,137,802		8,504,510
1936	109,887,470	54,579,535	39,410,500	117,925,706	23,462,032	1,703,589	11,463,252	5,108,195		12,229,287
1937	111,002,289	51,856,433	38,813,140	118,646,343	24,509,192	1,548,980	13,591,106	5,212,471		12,440,322
1938	77,704,537	46,099,027	32,130,809	93,228,172	18,302,626	1,281,413	12,143,304	4,472,403		11,061,493
1939	92,584,113	51,487,377	34,331,469	108,361,934	20,035,239	1,442,728	13,378,007	5,185,481		12,046,675
1940	116,602,999	51,484,640	40,823,509	126,437,621	22,470,054	1,503,433	15,174,618	6,008,456		15,324,163
1941	130,239,683	56,368,267	42,657,286	140,250,248	28,850,924	1,700,574	18,440,946	7,045,271		15,464,523
1942	144,073,189	60,327,729	50,067,916	155,881,497	31,491,420	2,000,934	19,906,108	8,158,237		19,301,254
1943	141,049,814	60,643,620	48,874,870	158,804,309	31,009,023	1,933,380	20,048,628	7,178,918		17,160,320
1944	146,052,415	63,701,363	52,011,036	164,703,770	31,646,588	1,870,502	19,292,409	7,266,047		18,752,165
1945	132,965,343	54,933,909	49,270,728	152,034,732	31,518,055	1,762,703	17,049,090	6,270,708		18,236,539
1946	125,496,856	60,506,873	50,416,149	144,020,092	30,785,021	2,002,545	15,346,529	5,618,352		16,183,298
1947	147,097,000	57,190,009	66,072,920	176,157,000	37,068,655	2,051,000	20,011,495	6,258,000		19,048,000
1948	134,542,000	57,139,948	59,454,407	168,862,000	38,314,357	1,661,000	17,823,574	6,483,000		18,801,000
1949	89,215,000	42,701,724	48,391,593	122,610,000	30,777,212	668,000	14,463,297	4,172,000		12,934,000
1950	105,870,000	44,076,703	57,507,645	144,116,000	36,977,932	648,000	17,581,498	5,070,000		14,422,000
1951	108,164,000	42,669,997	52,340,742	163,310,000	37,816,708	589,000	19,999,358	5,401,000		13,597,000
1952	89,181,000	40,582,558	43,462,485	141,713,000	35,487,231	588,000	20,729,962	5,265,000		11,383,000
1953	93,331,000	30,949,152	42,331,880	134,105,000	34,112,748	530,000	18,678,726	5,467,000		12,532,000
1954	72,010,000	29,083,477	36,098,502	115,996,000	31,472,086	422,000	15,171,985	6,429,000		10,282,000
1955	85,713,000	26,204,554	42,654,668	139,168,000	37,034,321	512,000	21,833,697	7,053,000		13,088,000
1956	90,287,000	28,900,220	46,128,977	155,891,000	38,808,577	669,000	25,995,022	8,849,000		12,663,000
1957	85,365,000	25,338,321	45,410,855	156,842,000	37,493,450	748,000	26,500,929	7,955,000		13,260,000
1958	67,771,000	21,171,142	39,531,802	119,468,000	32,106,390	838,000	25,015,258	6,785,000		11,182,000
1959	65,347,000	20,649,286	34,653,266	119,692,000	35,322,289	842,000	28,207,228	5,913,000		11,947,000
1960	65,425,000	18,817,441	36,848,213	118,944,000	33,866,497	748,000	26,694,707	5,931,000		13,011,000
1961	62,652,000	17,446,439	34,786,026	113,071,000	31,733,741	757,000	28,140,945	5,860,000		12,915,000
1962	65,315,000	16,893,646	38,388,976	118,499,000	34,010,824	821,000	29,457,445	6,213,000		12,880,000
1963	71,501,000	18,267,348	42,463,790	132,568,000	36,916,741	1,162,000	30,375,402	6,121,000		12,359,000
1964	76,531,000	17,184,251	45,255,594	141,409,000	37,390,478	1,136,000	31,762,237	5,990,000		14,435,000
1965	80,308,000	14,865,955	47,328,099	149,191,000	39,331,560	1,210,000	34,057,750	5,865,000		14,832,000
1966	81,443,000	12,941,264	51,207,375	149,681,000	43,068,447	1,222,000	35,567,775	6,309,000		14,219,000
1967	79,412,000	12,256,063	54,492,435	153,749,000	45,891,615	1,305,000	36,411,054	6,832,000		15,486,000
1968	76,200,000	11,460,833	54,845,186	145,921,000	48,286,873	1,447,000	36,863,653	8,148,000		16,440,000
1969	78,631,000	10,472,916	60,460,693	141,011,000	51,193,028	1,368,000	35,651,536	8,082,000		17,456,000
1970	80,491,000	9,729,398	72,595,960	144,072,000	55,136,699	1,615,000	34,974,724	8,237,000		20,560,000
1971	72,835,000	8,727,325	71,342,541	118,258,000	49,016,773	1,644,000	30,624,954	9,271,000		17,945,000
1972	75,939,000	7,106,295	67,967,185	123,743,000	50,751,568	1,640,000	33,995,841	11,260,000		20,814,000
1973	76,403,000	6,829,961	73,943,520	115,448,000	45,666,487	1,789,000	33,869,387	8,219,000		19,230,000
1974	80,462,000	6,616,866	85,107,692	102,462,000	45,351,602	2,337,000	34,283,753	7,541,000		19,824,000
1975	84,137,000	6,203,310	88,498,895	109,283,000	46,341,004	2,606,000	35,505,780	8,206,000		22,644,000
1976	85,777,000	6,228,233	91,138,000	108,834,000	45,868,411	2,830,000	39,995,546	9,283,000		21,537,000
1977	84,639,000	5,861,000	93,957,000	95,433,000	46,157,872	3,036,000	37,513,131	9,433,000		21,545,000
1978	81,477,000	5,037,000	96,233,000	85,314,000	49,519,844	2,988,000	32,004,341	9,705,000		20,199,000
1979	88,881,000	4,395,000	104,079,000	112,181,000	42,820,429	2,616,000	37,038,148	8,676,000		24,176,000

APPALACHIAN BASIN

1980	87,069,000	6,056,000	109,186,000	121,584,000	40,445,427	3,760,000	41,008,884	9,157,000	3,000	26,403,000	
1981	78,083,000	5,423,000	117,883,000	112,814,000	37,341,959	4,452,000	41,977,807	9,706,000	4,000	24,467,000	
1982	74,771,000	4,588,000	111,195,000	128,540,000	38,882,611	3,817,000	40,481,288	7,287,000	14,000	26,556,000	
1983	65,739,000	4,089,000	95,615,000	115,049,000	33,216,630	3,184,000	35,506,056	6,840,000	187,000	23,812,000	
1984	73,332,000	4,162,000	117,274,000	131,008,000	38,824,002	4,103,000	41,424,753	7,313,000	125,000	27,088,000	
1985	66,699,000	4,708,000	113,251,000	127,764,000	35,465,374	2,985,000	42,376,484	7,446,000	0	27,797,000	
1986	67,356,000	4,292,000	112,732,000	129,907,000	34,733,410	3,906,000	41,768,142	6,870,000	0	25,826,000	
1987	66,863,000	3,560,000	119,908,000	136,676,000	33,152,316	3,962,000	45,537,960	6,442,000	0	25,540,000	
1988	67,091,000	3,555,000	117,524,000	145,005,000	31,164,003	3,242,000	46,364,847	6,510,000	0	26,518,000	
1989	67,248,000	3,348,000	125,739,000	153,580,000	31,431,757	3,376,000	43,855,231	6,480,000	0	27,992,000	
1990	67,008,000	3,506,000	128,396,000	169,205,000	33,127,567	3,487,000	46,917,000	6,193,000	0	29,030,000	
1991	61,936,000	3,445,000	117,220,000	167,352,000	29,357,683	3,773,000	41,954,000	4,290,000	0	27,269,000	
1992	65,498,000	3,483,000	119,382,000	162,164,000	29,403,063	3,341,000	43,024,000	3,476,000	0	25,796,000	
1993	55,394,000	4,306,000	120,191,000	130,525,000	27,585,575	3,355,000	39,317,000	3,047,000	0	24,768,000	
1994	57,616,000	4,621,000	124,447,000	161,776,000	29,897,000	3,632,000	37,129,000	2,987,000	0	23,266,000	
1995	56,893,000	4,682,000	118,541,000	162,997,000	26,118,000	3,667,000	34,099,000	3,221,000	0	24,640,000	



## ILLINOIS BASIN

YEAR	ILLINOIS	INDIANA	W. KENTUCKY
	ANN PROD	ANN PROD	ANN PROD
1800			0
1801			0
1802			0
1803			0
1804			0
1805			0
1806			0
1807			0
1808			0
1809			0
1810	100		0
1811	100	100	0
1812	100	0	0
1813	100	0	0
1814	100	0	0
1815	200	0	0
1816	200	100	0
1817	200	100	0
1818	200	100	0
1819	200	400	0
1820	300	300	300
1821	300	300	300
1822	300	300	400
1823	400	300	400
1824	500	300	500
1825	900	400	3,600
1826	1,400	400	3,900
1827	2,000	400	4,300
1828	2,500	400	4,600
1829	3,000	500	4,900
1830	3,600	500	5,300
1831	4,600	500	5,600
1832	5,900	500	5,900
1833	6,900	1,600	7,100
1834	8,000	1,900	7,300
1835	9,600	2,100	8,000
1836	11,200	2,500	9,300
1837	13,150	3,800	10,700
1838	16,700	4,400	12,100
1839	27,317	5,700	13,700
1840	36,760	9,200	15,300
1841	54,910	12,400	16,900
1842	73,210	16,800	18,500
1843	91,310	24,000	20,200
1844	109,450	21,300	21,500
1845	130,300	17,700	22,500
1846	151,600	14,000	23,000
1847	173,000	6,500	24,500

## ILLINOIS BASIN

1848	194,800	6,700	25,800
1849	221,800	6,900	27,200
1850	259,200	7,300	28,600
1851	297,600	8,700	30,300
1852	337,100	10,500	31,500
1853	386,300	14,100	32,900
1854	436,500	16,700	34,400
1855	463,600	21,168	41,000
1856	529,400	25,648	46,900
1857	607,700	29,842	49,400
1858	690,100	34,571	52,000
1859	772,100	39,964	54,400
1860	857,600	45,824	56,800
1861	948,800	56,000	43,300
1862	1,038,200	67,200	4,200
1863	1,198,900	79,900	4,100
1864	1,315,868	92,500	104,100
1865	1,518,100	103,900	106,500
1866	1,707,100	114,500	109,135
1867	1,911,100	138,350	69,285
1868	2,165,600	250,850	104,107
1869	2,847,828	441,000	136,964
1870	3,040,970	558,900	157,135
1871	3,375,700	650,400	218,460
1872	3,873,805	685,700	375,325
1873	4,504,472	723,000	391,300
1874	4,513,272	784,500	419,120
1875	4,754,063	823,800	440,355
1876	5,109,100	867,600	471,950
1877	5,393,640	912,500	505,070
1878	5,535,260	1,134,616	573,418
1879	6,255,415	1,449,496	751,413
1880	6,475,549	2,164,448	742,710
1881	7,452,200	1,418,513	796,600
1882	9,115,661	1,929,591	850,500
1883	12,123,456	1,722,089	904,800
1884	12,208,075	2,425,000	958,784
1885	11,834,459	2,994,000	1,014,600
1886	11,175,241	3,000,000	885,000
1887	12,423,066	3,217,711	982,294
1888	14,328,181	3,140,979	1,276,650
1889	12,104,272	2,845,057	1,290,985
1890	15,292,420	3,305,737	1,315,128
1891	15,660,698	2,973,474	1,608,074
1892	17,862,276	3,345,174	1,734,652
1893	19,949,564	3,791,851	1,799,793
1894	17,113,576	3,423,921	1,806,966
1895	17,735,864	3,995,892	1,784,279
1896	19,786,626	3,905,779	1,762,461
1897	20,072,758	4,151,169	2,114,572

## ILLINOIS BASIN

1898	18,599,299	4,920,743	2,071,071
1899	24,439,019	6,006,523	2,740,565
1900	25,767,981	6,484,086	2,933,502
1901	27,331,552	6,918,225	3,071,650
1902	32,939,373	9,446,424	3,643,975
1903	36,957,104	10,794,692	4,244,782
1904	36,475,060	10,842,189	4,121,564
1905	38,434,363	11,895,252	4,682,057
1906	41,480,104	12,092,560	5,788,491
1907	51,317,146	13,985,713	6,160,782
1908	47,659,690	12,314,890	5,634,596
1909	50,904,990	14,834,259	5,578,161
1910	45,900,246	18,389,815	8,448,752
1911	53,679,118	14,201,355	6,959,541
1912	59,885,226	15,285,718	7,795,904
1913	61,618,774	17,165,671	8,439,049
1914	57,589,197	16,641,132	7,794,807
1915	58,829,576	17,006,152	7,585,465
1916	66,195,336	20,093,528	7,727,428
1917	86,195,387	26,539,329	9,937,617
1918	89,291,105	30,678,634	10,798,690
1919	60,862,608	20,912,288	8,632,236
1920	88,724,893	29,350,585	10,715,826
1921	69,602,763	20,319,509	8,118,385
1922	58,467,736	19,132,889	13,263,190
1923	79,310,075	26,229,099	9,975,405
1924	68,323,281	21,480,213	8,126,484
1925	66,909,359	21,224,966	11,765,388
1926	69,366,923	23,186,006	16,307,976
1927	46,848,224	17,935,758	20,071,046
1928	55,948,199	16,378,580	15,948,500
1929	60,657,641	18,344,358	14,100,791
1930	53,731,230	16,489,962	10,440,347
1931	44,303,295	14,295,165	8,342,349
1932	33,474,553	13,323,573	9,367,147
1933	37,413,145	13,761,052	8,019,979
1934	41,272,384	14,793,643	8,202,591
1935	44,525,469	15,754,214	8,598,407
1936	50,926,599	17,822,536	8,268,047
1937	51,601,638	17,764,774	8,357,311
1938	41,912,085	14,758,284	7,533,698
1939	46,782,691	16,942,772	7,979,526
1940	50,610,430	18,868,572	8,559,794
1941	54,703,284	22,483,929	11,488,527
1942	65,070,819	25,388,051	13,394,790
1943	72,631,270	25,064,583	15,275,317
1944	76,791,449	27,961,883	20,395,891
1945	73,011,192	25,182,611	20,965,303
1946	63,468,585	21,696,947	18,855,321
1947	67,860,000	25,449,000	22,622,607

## ILLINOIS BASIN

1948	65,342,000	23,849,000	23,125,056
1949	47,208,000	16,550,000	25,606,083
1950	56,291,000	19,957,000	24,669,296
1951	54,200,000	19,451,000	21,547,524
1952	45,790,000	16,360,000	20,848,906
1953	46,010,000	15,812,000	21,203,627
1954	41,971,000	13,400,000	22,522,622
1955	45,982,000	16,149,000	26,296,076
1956	48,102,000	17,089,000	29,805,253
1957	46,993,000	15,841,000	30,365,081
1958	43,912,000	15,022,000	28,277,469
1959	45,466,000	14,804,000	30,337,072
1960	45,977,000	15,538,000	30,403,814
1961	45,246,000	15,106,000	30,609,199
1962	48,487,000	15,709,000	31,660,499
1963	51,736,000	15,100,000	35,718,613
1964	55,023,000	15,075,000	37,981,910
1965	58,483,000	15,565,000	39,879,940
1966	63,571,000	17,326,000	41,982,473
1967	65,133,000	18,772,000	45,614,015
1968	62,441,000	18,486,000	46,130,682
1969	64,722,000	20,086,000	47,564,667
1970	65,119,000	22,263,000	52,712,435
1971	58,402,000	21,396,000	47,825,040
1972	65,523,000	25,949,000	52,304,062
1973	61,572,000	25,253,000	53,563,800
1974	58,215,000	23,726,000	51,750,866
1975	59,537,000	25,124,000	55,705,616
1976	58,239,000	25,369,000	52,834,000
1977	53,493,000	27,797,000	52,306,000
1978	48,600,000	24,182,000	39,456,000
1979	59,579,000	27,490,000	42,469,000
1980	62,543,000	30,873,000	40,958,000
1981	51,865,000	29,313,000	39,676,000
1982	60,275,000	31,763,000	39,020,000
1983	56,846,000	31,835,000	35,602,000
1984	63,769,000	37,555,000	42,267,000
1985	59,201,000	33,316,000	39,021,000
1986	61,866,000	32,852,000	41,201,000
1987	59,155,000	34,208,000	45,285,000
1988	58,594,000	31,271,000	40,328,000
1989	59,267,000	33,641,000	41,649,000
1990	60,393,000	35,907,000	44,926,000
1991	60,258,000	31,468,000	41,760,000
1992	59,857,000	30,466,000	41,686,000
1993	41,098,000	29,295,000	36,108,000
1994	52,797,000	30,927,000	37,195,000
1995	48,180,000	26,007,000	35,198,000

## GULF COAST

STATE	TEXAS	LOUISIANA
YEAR	ANN PROD	ANN PROD
1800	0	0
1801	0	0
1802	0	0
1803	0	0
1804	0	0
1805	0	0
1806	0	0
1807	0	0
1808	0	0
1809	0	0
1810	0	0
1811	0	0
1812	0	0
1813	0	0
1814	0	0
1815	0	0
1816	0	0
1817	0	0
1818	0	0
1819	0	0
1820	0	0
1821	0	0
1822	0	0
1823	0	0
1824	0	0
1825	0	0
1826	0	0
1827	0	0
1828	0	0
1829	0	0
1830	0	0
1831	0	0
1832	0	0
1833	0	0
1834	0	0
1835	0	0
1836	0	0
1837	0	0
1838	0	0
1839	0	0
1840	0	0
1841	0	0
1842	0	0
1843	0	0
1844	0	0
1845	0	0
1846	0	0
1847	0	0
1848	0	0
1849	0	0
1850	100	0
1851	120	0
1852	150	0
1853	180	0
1854	200	0
1855	300	0
1856	400	0
1857	500	0
1858	600	0
1859	700	0
1860	800	0
1861	1,000	0
1862	1,000	0
1863	1,000	0

GULF COAST

1864	1,000	0
1865	1,000	0
1866	1,000	0
1867	1,000	0
1868	5,000	0
1869	10,000	0
1870	15,000	0
1871	20,000	0
1872	25,000	0
1873	50,000	0
1874	70,000	0
1875	90,000	0
1876	100,000	0
1877	100,000	0
1878	100,000	0
1879	100,000	0
1880	100,000	0
1881	100,000	0
1882	100,000	0
1883	112,000	0
1884	112,000	0
1885	150,000	0
1886	100,000	0
1887	75,000	0
1888	90,000	0
1889	128,216	0
1890	184,440	0
1891	172,100	0
1892	245,690	0
1893	302,206	0
1894	420,848	0
1895	484,959	0
1896	544,015	0
1897	639,341	0
1898	686,734	0
1899	883,832	0
1900	968,373	0
1901	1,107,953	0
1902	901,912	0
1903	926,759	0
1904	1,195,944	0
1905	1,200,684	0
1906	1,312,873	0
1907	1,648,069	0
1908	1,895,377	0
1909	1,824,440	0
1910	1,892,176	0
1911	1,974,593	0
1912	2,188,612	0
1913	2,429,144	0
1914	2,323,773	0
1915	2,088,908	0
1916	1,987,503	0
1917	2,355,815	0
1918	2,261,135	0
1919	1,680,656	0
1920	1,615,015	0
1921	972,839	0
1922	1,106,007	0
1923	1,187,329	0
1924	1,147,011	0
1925	1,008,375	0
1926	1,091,158	0
1927	1,326,385	0
1928	1,182,034	0
1929	1,100,668	0
1930	833,872	0

## GULF COAST

1931	716,020	0
1932	636,590	0
1933	821,878	0
1934	759,289	0
1935	757,529	0
1936	842,624	0
1937	910,352	0
1938	878,685	0
1939	826,317	0
1940	620,555	0
1941	352,808	0
1942	304,179	0
1943	153,241	0
1944	109,532	0
1945	79,949	0
1946	55,978	0
1947	60,000	0
1948		0
1949		0
1950		0
1951		0
1952		0
1953		0
1954		0
1955		0
1956		0
1957		0
1958		0
1959		0
1960		0
1961		0
1962		0
1963		0
1964		0
1965		0
1966		0
1967		0
1968		0
1969		0
1970		0
1971		0
1972	4,045,000	0
1973	6,944,000	0
1974	7,684,000	0
1975	11,002,000	0
1976	14,063,000	0
1977	15,865,000	0
1978	20,020,000	0
1979	27,180,000	0
1980	29,354,000	0
1981	32,814,000	0
1982	34,818,000	0
1983	38,947,000	0
1984	41,145,000	0
1985	45,459,000	207,000
1986	48,590,000	2,254,000
1987	50,529,000	2,751,000
1988	52,281,000	2,889,000
1989	53,854,000	2,983,000
1990	55,755,000	3,186,000
1991	53,825,000	3,151,000
1992	55,071,000	3,240,000
1993	54,567,000	3,134,000
1994	52,346,000	3,463,000
1995	52,648,000	3,719,000

ROCKY MOUNTAINS

YEAR	COLORADO	NEW MEXICO	ARIZONA	UTAH	MONTANA	WYOMING
	ANN PROD	ANN PROD	ANN PROD	ANN PROD	ANN PROD	ANN PROD
1800	0	0	0	0	0	0
1801	0	0	0	0	0	0
1802	0	0	0	0	0	0
1803	0	0	0	0	0	0
1804	0	0	0	0	0	0
1805	0	0	0	0	0	0
1806	0	0	0	0	0	0
1807	0	0	0	0	0	0
1808	0	0	0	0	0	0
1809	0	0	0	0	0	0
1810	0	0	0	0	0	0
1811	0	0	0	0	0	0
1812	0	0	0	0	0	0
1813	0	0	0	0	0	0
1814	0	0	0	0	0	0
1815	0	0	0	0	0	0
1816	0	0	0	0	0	0
1817	0	0	0	0	0	0
1818	0	0	0	0	0	0
1819	0	0	0	0	0	0
1820	0	0	0	0	0	0
1821	0	0	0	0	0	0
1822	0	0	0	0	0	0
1823	0	0	0	0	0	0
1824	0	0	0	0	0	0
1825	0	0	0	0	0	0
1826	0	0	0	0	0	0
1827	0	0	0	0	0	0
1828	0	0	0	0	0	0
1829	0	0	0	0	0	0
1830	0	0	0	0	0	0
1831	0	0	0	0	0	0
1832	0	0	0	0	0	0
1833	0	0	0	0	0	0
1834	0	0	0	0	0	0
1835	0	0	0	0	0	0
1836	0	0	0	0	0	0
1837	0	0	0	0	0	0
1838	0	0	0	0	0	0
1839	0	0	0	0	0	0
1840	0	0	0	0	0	0
1841	0	0	0	0	0	0
1842	0	0	0	0	0	0
1843	0	0	0	0	0	0
1844	0	0	0	0	0	0
1845	0	0	0	0	0	0
1846	0	0	0	0	0	0
1847	0	0	0	0	0	0
1848	0	0	0	0	0	0
1849	0	0	0	0	0	0
1850	0	0	0	0	0	0
1851	0	0	0	200	0	0
1852	0	0	0	400	0	0
1853	0	0	0	600	0	0
1854	0	0	0	800	0	0
1855	0	0	0	900	0	0
1856	0	0	0	1,000	0	0
1857	0	0	0	1,100	0	0
1858	0	0	0	1,200	0	0
1859	0	0	0	1,600	0	0
1860	0	0	0	2,000	0	0
1861	0	0	0	2,400	0	0
1862	0	0	0	2,800	0	0



ROCKY MOUNTAINS

1863	0	0	0	3,200	0	0
1864	500	0		3,600	0	0
1865	1,200	0		4,000	0	800
1866	6,400	0		4,400	0	2,500
1867	17,000	0		4,800	0	5,000
1868	10,500	0		5,300	0	6,925
1869	8,000	0		5,800	0	49,382
1870	13,500	0		11,400	0	105,295
1871	15,600	0		17,000	0	147,328
1872	68,540	0		22,600	0	221,745
1873	69,977	0		28,100	0	259,700
1874	87,372	0		33,600	0	291,200
1875	98,838	0		39,200	0	311,360
1876	117,666	0		50,400	0	334,550
1877	160,000	0		50,400	0	342,853
1878	200,630	0		67,200	0	333,200
1879	322,732	0		156,000	0	400,991
1880	462,747	5,000		252,000	224	589,585
1881	706,744	100,000		252,000	5,000	628,181
1882	1,061,479	163,992		280,000	10,000	707,764
1883	1,229,593	211,347		280,000	19,795	779,689
1884	1,130,024	220,557		280,000	80,376	902,620
1885	1,356,062	306,202		213,120	88,340	907,328
1886	1,368,338	271,285		200,000	49,846	829,355
1887	1,791,735	508,034		180,021	10,202	1,170,318
1888	2,185,477	626,665		258,961	41,467	1,481,540
1889	2,597,181	486,943		236,651	363,301	1,388,947
1890	3,077,003	375,777		318,159	517,477	1,870,366
1891	3,512,632	462,328		371,045	541,861	2,327,841
1892	3,510,830	661,330		361,013	564,648	2,503,839
1893	4,102,389	665,094		413,205	892,309	2,439,311
1894	2,831,409	597,196		431,550	927,395	2,417,463
1895	3,082,982	720,654		471,836	1,504,193	2,246,911
1896	3,112,400	622,626		418,627	1,543,445	2,229,624
1897	3,361,703	716,981		521,560	1,647,882	2,597,886
1898	4,076,347	992,288		593,709	1,479,803	2,863,812
1899	4,776,224	1,050,714		786,049	1,496,451	3,837,392
1900	5,244,364	1,299,299		1,147,027	1,661,775	4,014,602
1901	5,700,015	1,086,546		1,322,614	1,396,081	4,485,374
1902	7,401,343	1,048,763		1,574,521	1,560,823	4,429,491
1903	7,423,602	1,541,781		1,618,409	1,488,810	4,635,293
1904	6,658,355	1,452,325		1,493,027	1,358,919	5,178,556
1905	8,826,429	1,649,933		1,332,372	1,643,832	5,602,021
1906	10,111,218	1,964,713		1,772,551	1,829,921	6,133,994
1907	10,790,236	2,628,959		1,947,607	2,016,857	6,252,990
1908	9,634,973	2,467,937		1,846,792	1,920,190	5,489,902
1909	10,716,936	2,801,128		2,266,899	2,553,940	6,393,109
1910	11,973,736	3,508,321		2,517,809	2,920,970	7,533,088
1911	10,157,383	3,148,158		2,513,175	2,976,358	6,744,864
1912	10,977,824	3,536,824		3,016,149	3,048,495	7,368,124
1913	9,232,510	3,708,806		3,254,828	3,240,973	7,393,066
1914	8,170,559	3,877,689		3,103,036	2,805,173	6,475,293
1915	8,624,980	3,817,940		3,108,715	2,789,755	6,554,028
1916	10,484,237	3,793,011		3,567,428	3,632,527	7,910,647
1917	12,483,336	4,000,527		4,125,230	4,226,689	8,575,619
1918	12,407,571	4,023,239		5,136,825	4,532,505	9,438,688
1919	10,323,420	3,138,756		4,631,323	3,236,369	7,219,738
1920	12,278,225	3,683,440		6,005,199	4,413,866	9,630,271
1921	9,122,760	2,453,482		4,078,784	2,733,958	7,200,666
1922	10,019,597	3,147,173		4,992,008	2,572,221	5,971,724
1923	10,346,218	2,915,173		4,720,217	3,147,676	7,575,031
1924	10,444,098	2,786,063		4,488,157	2,905,365	6,757,468
1925	10,310,551	2,556,851		4,690,342	3,043,688	6,553,232
1926	10,637,225	2,817,923		4,373,793	2,797,760	6,512,288
1927	9,724,075	2,935,539		4,781,480	3,143,638	6,753,656
1928	9,847,707	2,711,851		4,842,544	3,324,195	6,571,683
1929	9,920,741	2,622,769		5,160,521	3,407,526	6,704,790

ROCKY MOUNTAINS

1930	8,196,910	1,969,433		4,257,541	3,022,004	6,088,133
1931	6,604,369	1,552,822		3,350,044	2,378,052	4,993,688
1932	5,598,721	1,263,386		2,852,127	2,125,225	4,170,963
1933	5,229,767	1,226,236		2,674,986	2,152,207	4,013,167
1934	5,210,933	1,259,323		2,406,183	2,565,702	4,367,961
1935	5,910,511	1,388,877		2,946,918	2,758,906	5,177,142
1936	6,811,802	1,596,775		3,246,565	2,988,524	5,780,590
1937	7,187,211	1,714,955		3,809,476	2,965,193	5,918,359
1938	5,663,144	1,239,037		2,946,951	2,732,050	5,203,877
1939	5,923,210	1,230,060		3,284,904	2,803,749	5,373,289
1940	6,588,742	1,110,615		3,575,586	2,867,200	5,808,042
1941	6,948,532	1,251,120		4,076,779	3,253,724	6,646,330
1942	8,085,680	1,668,659		5,516,849	3,828,682	8,133,225
1943	8,324,192	1,850,827		6,665,936	4,833,049	9,155,123
1944	8,167,713	1,743,674		7,119,261	4,844,049	9,540,012
1945	7,621,012	1,483,686		6,679,063	4,466,788	9,847,575
1946	5,913,508	1,280,279		5,994,013	3,722,926	7,634,484
1947	6,358,000	1,443,000		7,429,000	3,178,000	8,051,000
1948	5,631,000	1,364,000		6,813,000	2,898,000	6,412,000
1949	4,636,000	1,004,000		6,160,000	2,766,000	6,001,000
1950	4,259,000	727,000		6,670,000	2,520,000	6,348,000
1951	4,103,000	783,000		6,136,000	2,345,000	6,430,000
1952	3,623,000	760,000		6,140,000	2,070,000	6,088,000
1953	3,575,000	514,000		6,544,000	1,873,000	5,245,000
1954	2,900,000	123,000		5,008,000	1,491,000	2,831,000
1955	3,568,000	201,000		6,296,000	1,247,000	2,927,000
1956	3,502,000	158,000		6,522,000	846,000	2,553,000
1957	3,594,000	137,000		6,858,000	413,000	2,117,000
1958	2,974,000	117,000		5,328,000	305,000	1,629,000
1959	3,294,000	148,000		4,545,000	345,000	1,977,000
1960	3,607,000	295,000		4,955,000	313,000	2,024,000
1961	3,678,000	412,000		5,159,000	371,000	2,529,000
1962	3,379,000	677,000		4,297,000	382,000	2,569,000
1963	3,690,000	1,945,000		4,360,000	343,000	3,124,000
1964	4,355,000	2,969,000		4,720,000	346,000	3,101,000
1965	4,790,000	3,212,000		4,992,000	364,000	3,260,000
1966	5,222,000	2,755,000		4,635,000	419,000	3,670,000
1967	5,439,000	3,463,000	1,000	4,175,000	371,000	3,588,000
1968	5,558,000	3,429,000	0	4,316,000	519,000	3,829,000
1969	5,530,000	4,471,000	0	4,657,000	1,030,000	4,602,000
1970	6,025,000	7,361,000	132,000	4,733,000	3,447,000	7,222,000
1971	5,337,000	8,175,000	1,146,000	4,626,000	7,064,000	8,052,000
1972	5,522,000	8,248,000	2,954,000	4,802,000	8,221,000	10,928,000
1973	6,233,000	9,069,000	3,247,000	5,500,000	10,725,000	14,886,000
1974	6,896,000	9,392,000	6,448,000	5,858,000	14,106,000	20,703,000
1975	8,219,000	8,785,000	6,986,000	6,961,000	22,054,000	23,804,000
1976	9,437,000	9,760,000	10,420,000	7,967,000	26,231,000	30,836,000
1977	11,989,000	11,083,000	11,059,000	8,581,000	27,226,000	46,028,000
1978	13,814,000	12,632,000	9,054,000	9,141,000	26,600,000	58,328,000
1979	18,491,000	15,615,000	11,389,000	11,971,000	32,676,000	71,523,000
1980	18,846,000	18,425,000	10,905,000	13,236,000	29,872,000	94,887,000
1981	19,897,000	18,709,000	11,609,000	13,809,000	33,561,000	102,969,000
1982	18,318,000	19,944,000	12,364,000	17,029,000	27,890,000	108,361,000
1983	16,732,000	20,415,000	11,404,000	11,768,000	28,930,000	112,214,000
1984	17,967,000	21,279,000	11,522,000	12,323,000	33,000,000	130,914,000
1985	17,243,000	22,203,000	9,625,000	12,780,000	33,290,000	140,714,000
1986	15,237,000	21,496,000	11,556,000	14,269,000	33,978,000	136,826,000
1987	14,420,000	19,131,000	11,379,000	16,508,000	34,399,000	146,850,000
1988	15,913,000	21,803,000	12,398,000	18,163,000	38,881,000	164,014,000
1989	17,123,000	23,702,000	11,935,000	20,102,000	37,742,000	171,558,000
1990	18,910,000	24,292,000	11,304,000	22,058,000	37,616,000	184,249,000
1991	17,834,000	21,518,000	13,203,000	21,945,000	38,237,000	193,854,000
1992	19,226,000	24,549,000	12,512,000	21,339,000	38,889,000	190,172,000
1993	21,886,000	28,268,000	12,173,000	21,847,000	35,917,000	210,129,000
1994	25,304,000	28,041,000	13,056,000	24,399,000	41,640,000	237,092,000
1995	25,710,000	26,813,000	11,947,000	25,167,000	39,451,000	263,822,000

## GREAT PLAINS

YEAR	NORTH DAKOTA ANN PROD	SOUTH DAKOTA ANN PROD
1800	0	0
1801	0	0
1802	0	0
1803	0	0
1804	0	0
1805	0	0
1806	0	0
1807	0	0
1808	0	0
1809	0	0
1810	0	0
1811	0	0
1812	0	0
1813	0	0
1814	0	0
1815	0	0
1816	0	0
1817	0	0
1818	0	0
1819	0	0
1820	0	0
1821	0	0
1822	0	0
1823	0	0
1824	0	0
1825	0	0
1826	0	0
1827	0	0
1828	0	0
1829	0	0
1830	0	0
1831	0	0
1832	0	0
1833	0	0
1834	0	0
1835	0	0
1836	0	0
1837	0	0
1838	0	0
1839	0	0
1840	0	0
1841	0	0
1842	0	0
1843	0	0
1844	0	0
1845	0	0
1846	0	0
1847	0	0
1848	0	0
1849	0	0
1850	0	0
1851	0	0
1852	0	0
1853	0	0
1854	0	0
1855	0	0
1856	0	0
1857	0	0
1858	0	0
1859	0	0
1860	0	0
1861	0	0
1862	0	0

GREAT PLAINS

1863	0	0
1864	0	0
1865	0	0
1866	0	0
1867	0	0
1868	0	0
1869	0	0
1870	0	0
1871	0	0
1872	0	0
1873	0	0
1874	200	0
1875	1,000	0
1876	2,000	0
1877	5,000	0
1878	10,000	0
1879	15,000	0
1880	20,000	0
1881	30,000	0
1882	43,000	0
1883	56,000	0
1884	45,000	0
1885	25,000	0
1886	25,955	0
1887	21,470	0
1888	34,000	0
1889	28,907	0
1890	30,000	0
1891	30,000	0
1892	40,725	0
1893	49,630	0
1894	42,015	0
1895	38,997	0
1896	78,050	0
1897	77,246	0
1898	83,895	0
1899	98,809	0
1900	129,883	0
1901	166,601	0
1902	226,511	0
1903	278,645	0
1904	271,928	0
1905	317,542	0
1906	305,689	0
1907	347,760	0
1908	320,742	0
1909	422,047	0
1910	399,041	0
1911	502,628	0
1912	499,480	0
1913	495,320	0
1914	506,685	0
1915	528,078	0
1916	634,912	0
1917	790,548	0
1918	719,733	0
1919	840,959	14,417
1920	948,625	12,777
1921	864,903	7,553
1922	1,327,564	7,752
1923	1,385,400	10,379
1924	1,200,527	12,043
1925	1,324,620	14,447
1926	1,370,244	14,428
1927	1,527,939	12,507
1928	1,649,930	13,929
1929	1,862,130	12,854

## GREAT PLAINS

1930	1,700,157	12,810
1931	1,519,307	27,485
1932	1,739,658	49,074
1933	1,782,272	59,375
1934	1,753,888	42,407
1935	1,955,510	13,242
1936	2,215,335	41,331
1937	2,250,837	46,979
1938	2,050,099	48,058
1939	2,072,493	47,782
1940	2,218,434	66,085
1941	2,308,288	70,825
1942	2,537,016	53,538
1943	2,500,202	40,664
1944	2,366,092	26,827
1945	2,522,319	24,445
1946	2,554,682	16,946
1947	2,760,000	
1948	2,961,000	
1949	2,967,000	
1950	3,261,000	
1951	3,224,000	
1952	2,984,000	
1953	2,803,000	
1954	2,800,000	
1955	3,102,000	
1956	2,815,000	
1957	2,561,000	
1958	2,314,000	
1959	2,413,000	
1960	2,525,000	
1961	2,726,000	
1962	2,733,000	
1963	2,399,000	
1964	2,637,000	
1965	2,732,000	
1966	3,543,000	
1967	4,156,000	5,000
1968	4,847,000	
1969	4,704,000	
1970	5,639,000	
1971	6,075,000	
1972	6,632,000	
1973	6,906,000	
1974	7,463,000	
1975	8,515,000	
1976	11,102,000	
1977	12,028,000	
1978	14,028,000	
1979	15,135,000	
1980	16,975,000	
1981	18,122,000	
1982	17,855,000	
1983	19,190,000	
1984	22,112,000	
1985	26,871,000	
1986	25,640,000	
1987	25,142,000	
1988	29,731,000	
1989	29,566,000	
1990	29,213,000	
1991	29,530,000	
1992	31,744,000	
1993	31,973,000	
1994	32,286,000	
1995	30,112,000	