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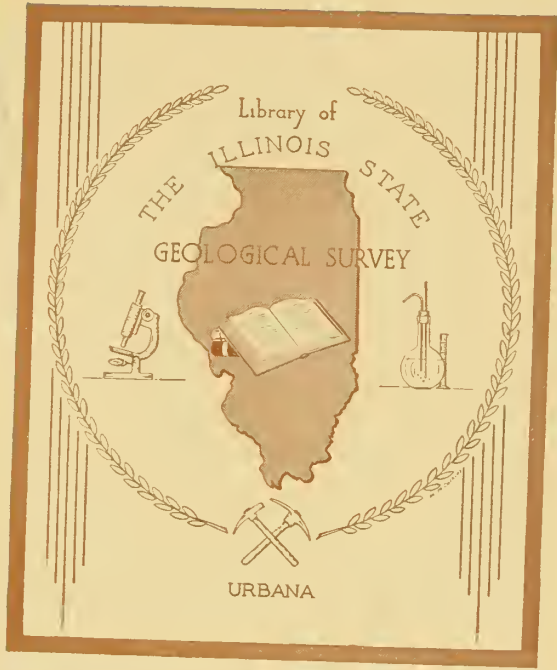
STATE OF ILLINOIS  
DEPARTMENT OF REGISTRATION AND EDUCATION



# MINERAL PRODUCTION IN ILLINOIS IN 1966

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ILLINOIS STATE GEOLOGICAL SURVEY  
John C. Frye, *Chief* URBANA  
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ILLINOIS STATE GEOLOGICAL SURVEY



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## MINERAL PRODUCTION IN ILLINOIS IN 1966

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### ABSTRACT

The value of minerals produced in Illinois in 1966 amounted to 644 million dollars. This was the highest annual value ever recorded for mineral production in the state. Illinois minerals showing increases in value over 1965 totals were coal, common sand and gravel, silica sand, and fluorspar. Clay products also showed an increase over the 1965 total. Other minerals produced in Illinois generally recorded slight declines in value for 1966 as compared to 1965. The quantity and value of the various minerals produced in 1966 are summarized in the tables and maps of this report.

### SUMMARY OF 1966 MINERAL PRODUCTION

The value of minerals reported produced in Illinois for 1966 totaled 644 million dollars. This was 25.5 million dollars more than the 618.5 million dollar value of minerals reported produced in 1965. The value of coal produced in 1966, amounting to about 243.4 million dollars, was almost 25.6 million dollars greater than the 217.8 million dollar value of coal produced in 1965. These figures indicate that the 1966 increase in the value of coal over the 1965 value equalled the entire increase in the state's total mineral value for 1966. The value of coal was 37.8 percent of the value of all minerals produced in the state for 1966.

The value of crude oil produced during 1966, amounting to about 185.9 million dollars, was only slightly less than the 1965 total value of 186.7 million dollars. Although fewer barrels of oil were produced in 1966, as compared to 1965, an increase in the price per barrel in 1966 helped to minimize the decline in total value. The total value of oil produced in 1966, with a small amount of natural gas, furnished about 29.0 percent of the 1966 state total mineral value.

Stone products produced in Illinois during 1966 include crushed stone, cement, and lime. The combined total value of these commodities places them as the second most important group of materials produced in Illinois after the fuels, coal and oil. Although the 1966 value of each of the three stone products was slightly less than the corresponding values for 1965, as a group they contributed 16.0 percent of the state's total mineral value in 1966.

Illinois clay products had a reported value of 54.9 million dollars in 1966. This was about 2.4 million dollars more than the 52.5 million dollars worth of clay products reported for 1965. The 1966 value of clay products was 8.5 percent of the state's over-all mineral products value. Various clay products are produced in Illinois, which include face brick and common brick, structural tile, drain and sewer tile, refractories, and pottery and whiteware.

Common sand produced in 1966 showed some increase in tonnage and in total value over 1965, although the state average value declined one cent per ton to \$0.84 in 1966 from \$0.85 in 1965. Illinois gravel production during 1966 also increased in amount and in value compared to 1965. The state average value per ton for gravel in 1966 remained the same as in 1965—\$0.91 per ton. The production of silica sand in Illinois in 1966 registered gains in tonnage, total value, and average value per ton over 1965 totals. The total value of silica sand produced in 1966, amounting to 13.1 million dollars, was about 1.1 million dollars more than the 1965 total value for this commodity. In 1966, only very small amounts of natural bonded molding sand were produced. The total value of all sands and gravel produced in 1966 furnished about 6.7 percent of the total Illinois mineral product value.

The combined values of fluorspar, lead, and zinc produced from Illinois mines in 1966 was about 13.1 million dollars. This was about 1 million dollars less than the 1965 value of 14.1 million dollars. In 1966, the total value of fluorspar was slightly greater than in 1965. However, the total values of lead and zinc in 1966 declined from the 1965 values of these metals. As a group, the total value of fluorspar, lead, and zinc in 1966 was about 2 percent of the state's entire mineral value.

The figures given in table 1 of this report summarize in concise form the amounts, total values, and average values per unit for the various minerals produced in Illinois during the years 1965 and 1966.

## ILLINOIS MINERAL PRODUCTION IN REVIEW

Minerals produced in Illinois during 1966 were valued at 644 million dollars. This was the highest annual value ever recorded for mineral production in the state. The previous record high value of 631 million dollars was established in 1962. Table 2, which gives the total annual value of minerals produced in Illinois for the years 1946 through 1966, shows that during this period of 21 years, the trend in mineral production has been toward greater total annual values.

The percentage of total value contributed by various segments of the Illinois mineral industry from 1955 through 1966 is indicated in table 3. The figures show that the total annual value of coal produced in Illinois has contributed an increasing percentage of the state total annual value of all minerals produced during the 12-year period from 1955 through 1966. The total annual value of oil produced in Illinois, as a percentage of all minerals produced, shows a decline from almost 43 percent in 1955 to 29 percent in 1966. Stone products, which includes crushed stone, cement, and lime, as a group show a small but steady increase in percent of the state's total annual mineral value from 1955 through 1966. The value of clay

products, in percentage, has recorded a gradually diminishing annual share of the state's over-all mineral values. The production of sand and gravel in Illinois, which includes common sand and gravel, silica sand, and natural bonded sand, shows that the combined value of these products has established a slight upward trend during recent years, as a part of the growing value of the total annual Illinois mineral product. The remaining group of minerals produced in Illinois, according to table 3, includes fluorspar, zinc, and lead. The combined annual values of these commodities, although small—2 percent of the state's over-all mineral value—are important. Among all states, Illinois is the first-ranking fluorspar producer.

The average prices for Illinois mineral products from 1961 through 1966 are indicated in table 4, which shows the major mineral products and the average value per unit of measure, ton, or barrel. The average annual value per unit for several commodities shows that the price might vary from year to year but still remain within a fairly restricted high and low range. Some prices trend upward or downward during this six-year period; others seem somewhat volatile. However, in general, prices for these materials in 1965 and 1966 were less per unit than in 1961 and 1962.

## COAL

Illinois coal production in 1966 amounted to more than 63.2 million tons and was valued at about 243.4 million dollars. This output exceeded 1965 production by almost 5.0 million tons and totaled 25.6 million dollars more in value. The substantial increase in total value for the 1966 production over 1965 is based on increased production and an increase in value of \$0.11 per ton. In 1966, Illinois was the fourth-ranking coal-producing state in the nation, surpassed only by West Virginia, Kentucky, and Pennsylvania. Ohio was fifth in the nation with a production of 43.3 million tons in 1966, and Virginia was sixth with 35.6 million tons. The 63.2 million tons of coal produced in Illinois during 1966 represented about 11.8 percent of the nation's entire bituminous coal and lignite production for that year.

The Illinois coal production record for 1966 is shown in tables 5 and 6. Table 5 summarizes the 1966 production in terms of tons of coal produced, type of mine (strip or underground), number of mines, and the approximate value of the product for each producing county. Of the 26 counties reporting coal production for 1966, 12 produced more than one million tons each for a combined total of 92.9 percent of the state's output. Recovery of coal by stripping methods occurred in 18 Illinois counties in 1966 and accounted for about 57.1 percent of total coal produced in the state during the year.

Coal production by counties since 1882, when mining records were begun, is shown in table 6. During this period of 85 years, almost 4 billion tons of coal have been recovered from Illinois mines. Of the 71 counties that have produced some coal since 1882, 12 have produced more than 100 million tons of coal each and as a group have accounted for 78.1 percent of the state's entire output. Table 6 also shows the total number of years that each county has produced coal since 1882 and the most recent year it was productive.

The value of coal in 1966 was the largest single amount among the values of all Illinois minerals and supplied about 37.8 percent of the state's total mineral value. The 26 counties of Illinois that produced coal in 1966 are indicated by the county map in figure 1, with the intensity of mining activity illustrated by the degree of shading.

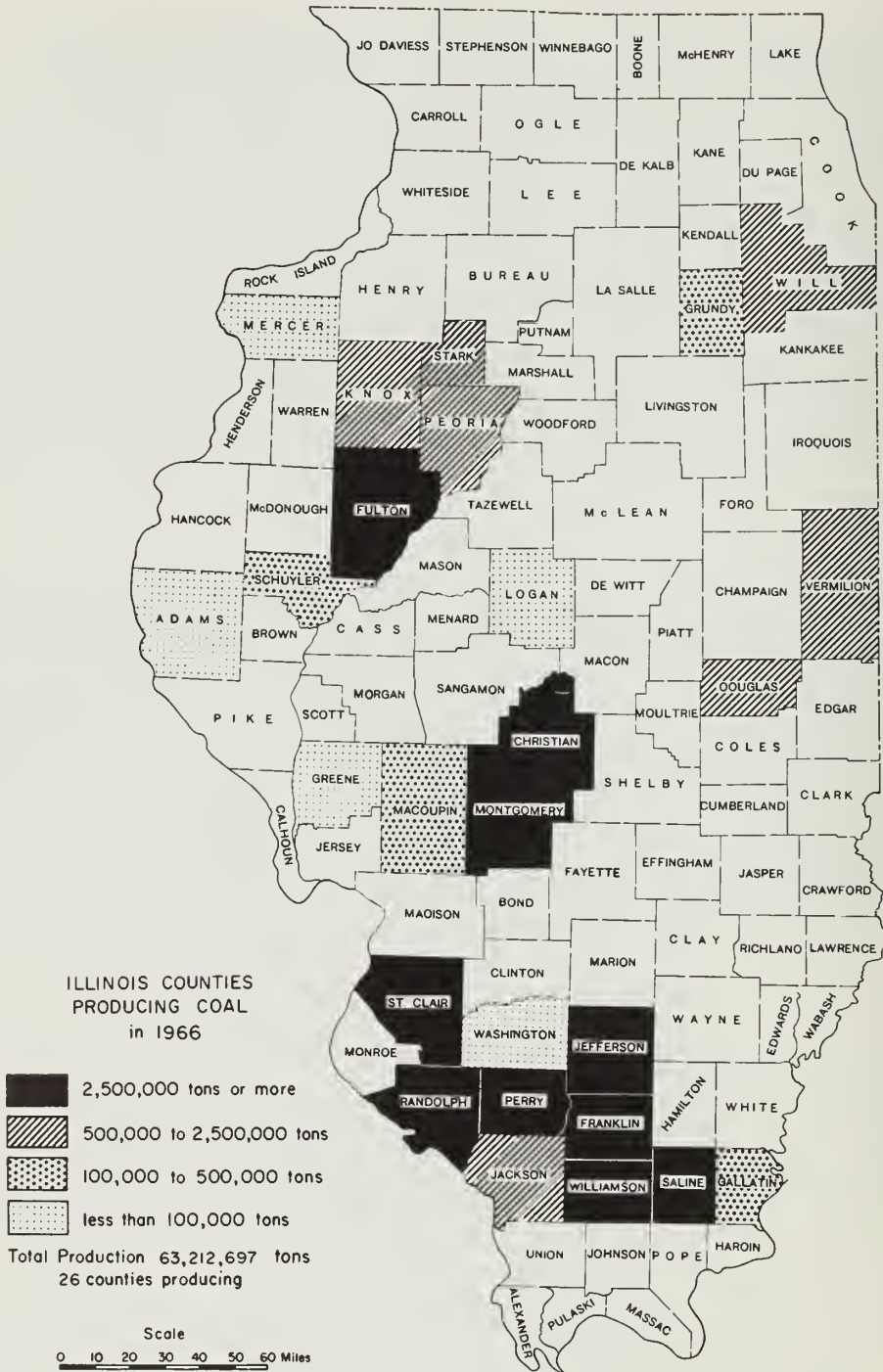


Figure 1 - Illinois coal production by counties in 1966.

## PETROLEUM

Production of crude oil from Illinois wells in 1966 was estimated at about 62.0 million barrels, a decline of 1.7 million barrels from the 63.7 million barrels produced in 1965. The value of crude oil produced during 1966 in Illinois amounted to about 185.9 million dollars. Based on the 1966 estimated average price of \$3.00 per barrel value for Illinois oil, which was an increase of \$0.07 per barrel over the 1965 average value of \$2.93 per barrel, the total value of this commodity in 1966 was only about \$700,000 less than the 1965 total value of 186.6 million dollars.

The estimated amount and value of oil produced by county in 1966 is given in table 7 along with the percentage of oil that each producing county supplied to the 1966 total Illinois production. The total estimated oil production from 1888 through 1966 is indicated by figures for each county in table 7. Figure 2 shows the 42 counties in Illinois that produced oil in 1966 and indicates the major oil-producing areas. Of the 42 counties producing oil in 1966, 14 counties produced more than one million barrels each for a total of 88.3 percent of the state's entire oil production. The 1966 total value of oil, amounting to about 185.9 million dollars, was the second largest single item among the values of all minerals produced in Illinois and contributed about 29.0 percent to the state's total mineral value.

## STONE

A production of 42.6 million tons of crushed and broken stone was reported by commercial quarry operators for 1966. This prepared stone was valued at 57.4 million dollars for an average of \$1.35 per ton. The tonnage produced in 1966 was only about 700,000 tons less than the 43.3 million tons produced in 1965. As the average value per ton of stone produced in 1966 was one cent more than the average value of \$1.34 per ton reported for 1965, the total value produced in 1966 was only about \$393,000 less than the 57.8 million dollar total reported for 1965.

During 1966, as in 1965, seven Illinois counties—Cook, St. Clair, Will, Kankakee, Livingston, Rock Island, and Randolph—produced more than one million tons of crushed and broken stone each. The 1966 stone output of these seven counties amounted to about 24.9 million tons, or 58.5 percent of the state's total stone production. In addition to the counties listed above, there were eleven counties with stone production ranging from one-half million to one million tons each for a combined total production of 7.9 million tons, which was about 18.7 percent of all stone produced in Illinois during 1966.

A detailed account of stone production in Illinois according to region (fig. 3) and according to three major categories of use—road and building, agriculture, and all other uses—is given in table 8. Table 8 also lists every county reporting stone production and the average value at the quarry for all uses of stone in all regions for 1966. The value of crushed stone produced in 1966, plus the values of the stone products, cement and lime, contributed about 16.0 percent of the total Illinois mineral value for that year.

## SAND AND GRAVEL

Commercial sand and gravel producers reported a total production of about 33.4 million tons of common sand and gravel for 1966. The combined total value

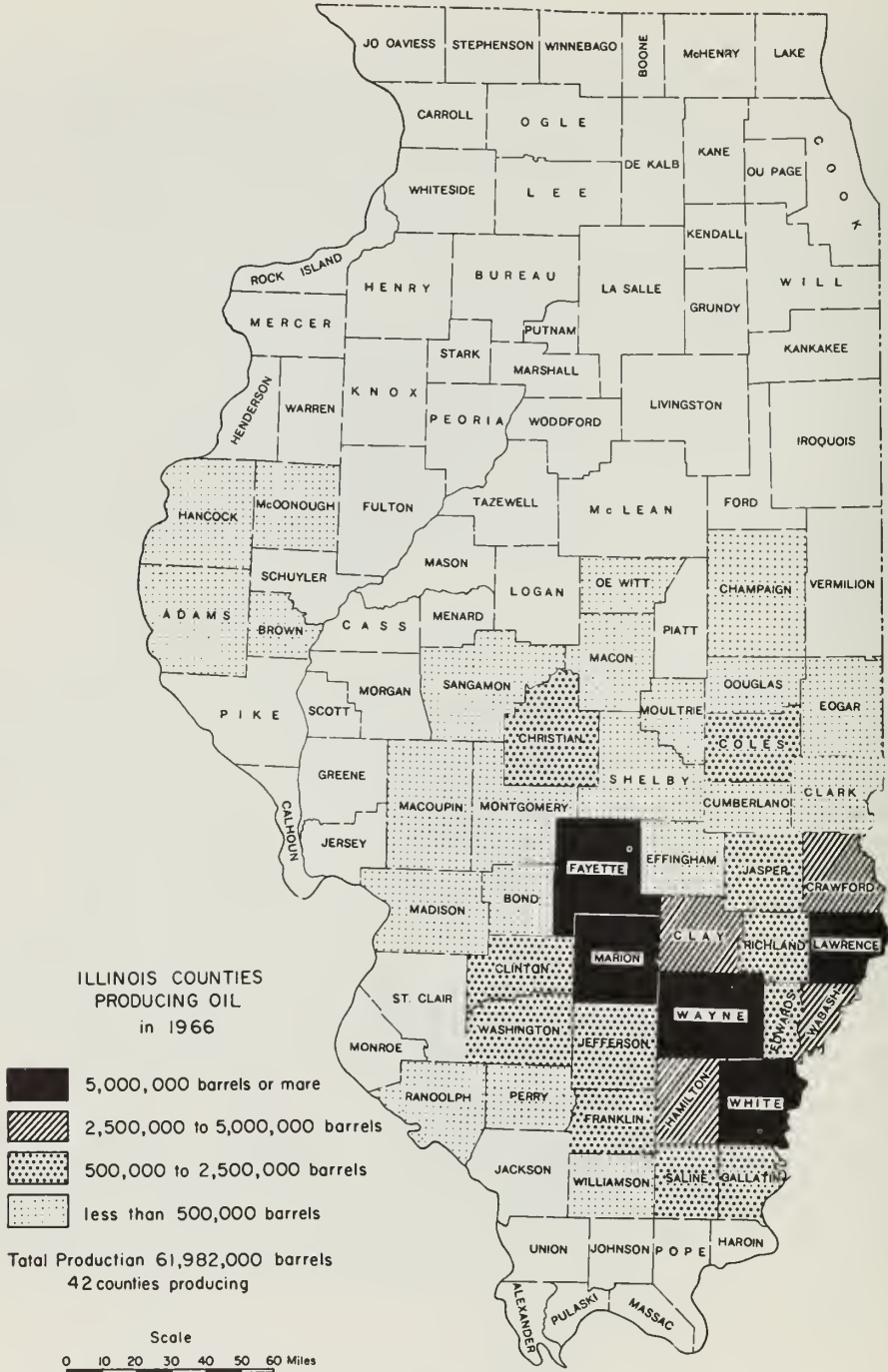


Figure 2 - Illinois oil production by counties in 1966.





Figure 3 - County outline map of Illinois showing area division.

of these commodities amounted to about 29.4 million dollars. In 1965, these materials totaled 31.6 million tons and were valued at 27.8 million dollars. The average value per ton of common sand in 1966 was \$0.84—in 1965 the value was \$0.85 per ton. Gravel was valued at \$0.91 per ton in 1965 and 1966.

Common sand and gravel are used extensively in Illinois for various building and construction purposes. Counties in the northeastern part of the state produced the largest amounts of sand and gravel in 1966. As a group, 11 counties in this region produced 19.1 million tons of this material, which was valued at about 15.9 million dollars (tables 9 and 10). The Central Region of Illinois, in 1966, produced almost 5 million tons of sand and gravel, with a total value of 5.2 million dollars. The third most important region in Illinois producing these commodities was the Northwest Region, with an output of 3.9 million tons valued at about 3.4 million dollars (fig. 3).

McHenry County was first among all counties in Illinois in the production of both sand and gravel in 1966. With the exception of some counties that border on the Mississippi, Ohio, and Wabash Rivers, the southern portion of Illinois has comparatively few sand and gravel producing areas. Table 16 of this report lists the numerical position that each Illinois county held, among all counties of the state for 1966, in the production of crushed stone, common sand and gravel, and other mineral commodities.

A summary of Illinois stone, sand, and gravel produced by each of the nine regions in the state (fig. 3), during the years 1958 through 1966, and state totals regarding the production of the three materials is recorded in table 11.

### SPECIAL SANDS

Special sands in Illinois include two sands that have special and important uses in industry. One of these is natural bonded molding sand, which has been produced in small quantities in Illinois for many years. The natural composition of this sand is such that it can be used in molds for the casting of metals without the addition of other substances. In 1966, small amounts of natural bonded molding sand were produced in Fayette, Henry, and Rock Island Counties.

The other special sand of Illinois is silica sand. This mineral, which is produced primarily in LaSalle County and in smaller amounts in Ogle County, has many important industrial uses. However, table 12 indicates that in 1966 the most important use for Illinois silica sand, in tons of material used, was for the manufacture of glass. The second most important use for this commodity, in terms of tons used, was for molding sand purposes. During 1966, Illinois silica sand operators produced a total of about 3.8 million tons of this material, which was valued at about 13.1 million dollars. The 1965 production amounted to 3.6 million tons, valued at about 12 million dollars. The total value of all sands and gravel produced in Illinois during 1966 amounted to 6.7 percent of the value of all minerals produced in the state.

### CLAY PRODUCTS

The value of clay products reported produced in Illinois during 1966 totaled 54.9 million dollars. In 1965, the reported state value of clay products was 52.5 million dollars. Illinois clay products include such items as face brick and common

brick, sewer pipe and drain tile, building tile, vitreous plumbing fixtures, electrical porcelains, pottery and whiteware, lightweight aggregates, and clay and silica refractories. A summary of the production of clay products for the years 1965 and 1966 is given in table 13. Forty-five clay products plants, located in 26 counties throughout Illinois, reported production for 1966 and furnished about 8.5 percent of the state's over-all mineral products value.

LaSalle County was the number one county in the state in the production of various clay products during 1966. Cook County was second, Crawford County was third, and McDonough County was fourth. Other counties ranking high in the production of clay products for 1966 were Knox County in fifth place, Will County in sixth, and Kane County in seventh. These seven Illinois counties produced about 72 percent of the total value of all Illinois clay products produced in 1966.

### CEMENT

The manufacture of cement in Illinois is an important mineral industry. In 1966, Illinois cement plants produced and shipped 9.8 million barrels of all types of cement, which were valued at about 30.5 million dollars. The state's four active cement plants in 1966 are located in three counties: two in LaSalle County at Oglesby and at LaSalle, one in Lee County at Dixon, and one in Massac County at Joppa.

### FLUORSPAR

Production figures for 1966 indicate that Illinois fluorspar producers shipped a total of 176,175 tons of this mineral, which was valued at 8 million dollars. Figures in table 14 show that Illinois fluorspar shipments in 1966 amounted to about 69.6 percent of all fluorspar produced and shipped in the United States. Of the 1.1 million tons of domestic and foreign fluorspar consumed in the United States during 1966, Illinois fluorspar shipments supplied about 16.5 percent of this total.

Illinois, the nation's foremost fluorspar producing state, supplies this important material for use in the iron and steel, aluminum, chemical, glass, and ceramics industries. Fluorspar was mined principally in Hardin County, with small amounts produced in Pope County. Both counties are located in the extreme southern part of Illinois.

### METALS

Zinc and lead, the two metals produced in Illinois, are recovered from primary metal mines in Jo Daviess County, located in the northwestern part of the state, and as by-products of fluorspar mining in Hardin and Pope Counties, in the southern part of the state.

Production figures in table 15 show that during 1966, Illinois mines produced 15,192 tons of zinc, valued at 4.4 million dollars, and 2,285 tons of lead, valued at \$690,756.

The combined values of the Illinois fluorspar shipments and the values of zinc and lead produced in Illinois contributed about 2 percent of the state's 1966 total mineral products value of 644 million dollars.

TABLE 1 - SUMMARY OF ILLINOIS MINERAL PRODUCTION, 1965-1966<sup>a</sup>

Material	Unit	1965 <sup>b</sup>			1966 <sup>b</sup>		
		Quantity	Value at plants		Quantity	Value at plants	
			Total	Average		Total	Average
Coal - bituminous	tons	58,232,480	\$217,789,475	\$ 3.74	63,212,697	\$243,368,883	\$ 3.85
Crude oil	bbls.	63,708,000	186,664,440	2.93	61,982,000	185,946,000	3.00
Limestone and dolomite	tons	43,293,426	57,805,266	1.34	42,579,368	57,412,100	1.35
Cement - Portland 376 lb.	bbls.	9,358,412	30,621,967	3.27	9,203,150	28,617,379	3.11
Cement - Masonry 280 lb.	bbls.	615,276	1,906,897	3.10	614,321	1,868,016	3.04
Clay products	—	—	52,459,500	—	—	54,901,990	—
Sand	tons	13,424,000	11,356,000	0.85	14,371,000	12,139,000	0.84
Gravel	tons	18,194,000	16,508,000	0.91	19,027,000	17,296,000	0.91
Silica sand	tons	3,631,000	11,991,000	3.30	3,853,000	13,145,000	3.41
Fluorspar	tons	159,140	7,861,165	49.40	176,175	8,001,803	45.42
Zinc	tons	18,314	5,347,688	292.00	15,192	4,405,680	290.00
Lead	tons	3,005	937,560	312.00	2,285	690,756	302.00
Other materials <sup>c</sup>	—	—	17,251,042	—	—	16,207,393	—
Total value			\$618,500,000			\$644,000,000	

<sup>a</sup>Table based on figures from the U.S. Bureau of Mines, the Illinois State Department of Mines and Minerals, and the Illinois State Geological Survey.

<sup>b</sup>Subject to revision.

<sup>c</sup>Includes natural gas, lime, tripoli, natural bonded molding sand, and sandstone.

TABLE 2 - VALUE OF ILLINOIS MINERAL PRODUCTION, 1946-1966  
(thousands of dollars)

Year	Mineral production	Year	Mineral production	Year	Mineral production
1946	\$379,673	1953	\$501,926	1960	\$615,800
1947	458,737	1954	519,242	1961	604,000
1948	567,624	1955	570,653	1962	631,000
1949	487,808	1956	613,364	1963	615,000
1950	539,236	1957	612,755	1964	618,000
1951	542,031	1958	611,625	1965	618,500
1952	500,820	1959	606,300	1966	644,000

TABLE 3 - PERCENTAGE OF TOTAL VALUE CONTRIBUTED BY VARIOUS SEGMENTS OF THE ILLINOIS MINERAL INDUSTRY, 1955-1966

Year	Coal	Petroleum products	Stone products	Clay products	Sand and gravel	Fluorspar and metals	Total percent
1955	29.3	42.7	11.3	9.6	4.5	2.6	100
1956	30.0	40.6	12.2	9.6	5.0	2.6	100
1957	30.5	40.1	12.3	9.9	4.8	2.4	100
1958	28.7	40.5	13.7	9.0	5.8	2.3	100
1959	30.4	38.7	13.7	9.6	5.5	2.1	100
1960	29.8	38.0	15.0	9.2	5.5	2.5	100
1961	29.2	39.1	14.5	9.3	5.8	2.1	100
1962	29.6	38.0	15.2	8.9	6.2	2.1	100
1963	31.9	36.3	15.2	8.8	5.9	1.9	100
1964	33.6	33.5	16.4	8.3	6.5	1.7	100
1965	35.2	30.3	17.1	8.5	6.6	2.3	100
1966	37.8	29.0	16.0	8.5	6.7	2.0	100

TABLE 4 - AVERAGE PRICES OF ILLINOIS MINERAL PRODUCTS, 1961-1966

Year	Coal (ton)	Crude oil (bbl.)	Crushed stone (ton)	Cement (bbl.)	Lime (ton)	Silica sand (ton)
1961	\$3.91	\$3.00	\$1.37	\$3.28	\$16.31	\$3.69*
1962	3.86	3.00	1.36	3.29	16.29	3.96*
1963	3.80	2.96	1.33	3.28	16.51	3.61*
1964	3.79	2.93	1.35	3.30	16.61	3.27
1965	3.74	2.93	1.34	3.26	15.73	3.30
1966	3.85	3.00	1.35	3.11	15.53	3.41

Year	Sand (ton)	Gravel (ton)	Fluorspar (ton)	Zinc (ton)	Lead (ton)	Tripoli (ton)
1961	\$0.88	\$0.89	\$50.95	\$230.00	\$206.00	\$25.02
1962	0.86	0.93	48.12	230.00	184.00	26.13
1963	0.85	0.97	49.58	230.00	216.00	26.90
1964	0.87	1.01	50.62	272.00	262.00	26.88
1965	0.85	0.91	49.40	292.00	312.00	26.59
1966	0.84	0.91	45.42	290.00	302.00	26.56

\*Revised figures.

TABLE 5 - ILLINOIS COAL PRODUCTION BY COUNTIES, 1966<sup>a</sup>

County	Number of mines	Tons mined		Total tons	Total value <sup>b</sup>
		Underground	Strip		
Adams	1	—	21,827	21,827	\$ 84,034
Christian	1	5,635,573	—	5,635,573	21,696,956
Douglas	1	653,624	—	653,624	2,516,452
Franklin	4	7,598,406	—	7,598,406	29,253,863
Fulton	8	—	8,512,881	8,512,881	32,774,592
Gallatin	4	81,601	59,724	141,325	544,101
Greene	1	—	2,313	2,313	8,905
Jackson	3	—	586,620	586,620	2,258,487
Jefferson	1	2,767,835	—	2,767,835	10,656,165
Kankakee	1	—	927,574	927,574 <sup>c</sup>	3,571,160
Knox	2	—	1,218,670	1,218,670	4,691,880
Logan	1	19,477	—	19,477	74,986
Macoupin	1	447,676	—	447,676	1,723,553
Mercer	2	12,694	489	13,183	50,755
Montgomery	2	3,301,384	—	3,301,384	12,710,328
Peoria	5	8,632	1,413,197	1,421,829	5,474,042
Perry	3	—	8,761,000	8,761,000	33,729,850
Randolph	4	826,494	3,031,859	3,858,353	14,854,659
St. Clair	4	387,532	5,726,502	6,114,034	23,539,031
Saline	10	1,527,070	1,121,015	2,648,085	10,195,127
Schuyler	1	—	210,666	210,666	811,064
Stark	1	—	587,518	587,518	2,261,944
Vermilion	5	44,222	784,136	828,358	3,189,178
Washington	1	32,557	—	32,557	125,344
Williamson	17	3,787,394	3,114,535	6,901,929	26,572,427
Total	84	27,132,171	36,080,526	63,212,697	\$243,368,883

<sup>a</sup>Production figures, Illinois State Department of Mines and Minerals.

<sup>b</sup>Average mine value for Illinois coal estimated at \$3.85 per ton, 1966.

<sup>c</sup>Mine tippie located in Kankakee County - 359,891 tons mined in Grundy County and 567,683 tons mined in Will County.

TABLE 6 - COAL PRODUCTION BY ILLINOIS COUNTIES, 1882-1966<sup>a</sup>

County	Total production (tons)	Total years active	Last year active	County	Total production (tons)	Total years active	Last year active
Adams	309,628	23	1966	Marshall	12,516,141	70	1951
Bond	7,355,569	57	1942	Menard	13,462,005	84	1965
Brown	65,347	40	1963	Mercer	15,320,938	79	1966
Bureau	53,823,055	80	1964	Monroe	8,284	13	1941
Calhoun	96,247	27	1912	Montgomery	106,913,912	85	1966
Cass	212,477	53	1941	Morgan	190,787	64	1951
Christian	270,869,381	82	1966	Moultrie	2,032,236	16	1924
Clark	4,482	2	1955	Peoria	75,037,727	85	1966
Clay	801	1	1963	Perry	208,670,346	85	1966
Clinton	38,656,325	79	1960	Pike	5,081	8	1942
Coles	198,932	6	1888	Pope	1,562	11	1938
Crawford	45,400	16	1961	Putnam	10,071,893	29	1938
Douglas	7,270,666	21	1966	Randolph	93,153,071	85	1966
Edgar	915,698	41	1952	Richland	154	1	1890
Effingham	796	1	1890	Rock Island	3,846,169	67	1948
Franklin	528,270,772	68	1966	St. Clair	282,218,104	85	1966
Fulton	246,820,072	85	1966	Saline	223,184,986	85	1966
Gallatin	6,189,831	82	1966	Sangamon	233,449,607	83	1964
Greene	692,152	83	1966	Schuyler	7,747,691	84	1966
Grundy	42,633,628	83	1966	Scott	612,476	61	1942
Hamilton	22,097	16	1905	Shelby	4,119,763	67	1950
Hancock	771,281	72	1958	Stark	4,364,872	76	1966
Hardin	40	1	1890	Tazewell	17,633,802	75	1956
Henry	22,910,053	84	1965	Vermilion	162,495,470	85	1966
Jackson	96,072,694	85	1966	Wabash	198,226	36	1964
Jasper	23,739	11	1939	Warren	685,466	73	1954
Jefferson	44,266,560	63	1966	Washington	18,089,788	85	1966
Jersey	120,350	59	1951	White	1,676,741	36	1940
Johnson	245,942	53	1965	Will	40,732,382	85	1966
Kankakee	8,752,960	43	1962	Williamson	375,110,925	85	1966
Knox	48,574,633	85	1966	Woodford	7,810,160	70	1951
LaSalle	65,547,638	79	1960	Total (1882-1966)		3,925,703,199	
Livingston	10,111,437	80	1961	Estimated production (1833-1881)		73,386,123	
Logan	14,491,567	82	1966	Total production (1833-1966)		3,999,089,322	
Macon	11,000,468	65	1947				
Macoupin	265,277,180	85	1966				
McDonough	2,634,903	69	1951				
McLean	5,544,139	47	1928				
Madison	164,295,772	83	1964				
Marion	39,247,722	82	1963				

<sup>a</sup>Production figures, Illinois State Department of Mines and Minerals.

TABLE 7 - ESTIMATED OIL PRODUCTION BY ILLINOIS COUNTIES, 1888-1966<sup>a</sup>

County	Total production <sup>b</sup> 1888-1966	1966 production		1966 value <sup>c</sup>
		Thousands of barrels	Percent of state total	
Adams	159	4	0.01	\$ 12,000
Bond	6,697	135	0.22	405,000
Brown	208	3	—	9,000
Champaign	3	3	—	9,000
Christian	21,664	713	1.15	2,139,000
Clark-Cumberland	85,572	726	1.17	2,178,000
Clay	112,802	2,845	4.59	8,535,000
Clinton	77,010	953	1.54	2,859,000
Coles	19,819	709	1.14	2,127,000
Crawford	210,244	3,472	5.60	10,416,000
DeWitt	1,072	283	0.46	849,000
Douglas	3,215	96	0.15	288,000
Edgar	2,664	64	0.10	192,000
Edwards	39,964	982	1.58	2,946,000
Effingham	11,992	427	0.69	1,281,000
Fayette	345,249	8,928	14.40	26,784,000
Franklin	61,989	1,450	2.34	4,350,000
Gallatin	42,625	889	1.43	2,667,000
Hamilton	113,206	4,326	6.98	12,978,000
Hancock-McDonough	5,111	35	0.06	105,000
Jasper	41,731	1,695	2.73	5,085,000
Jefferson	71,530	1,339	2.16	4,017,000
Lawrence	343,096	7,033	11.35	21,099,000
Macon	829	18	0.03	54,000
Macoupin	214	4	0.01	12,000
Madison	15,975	250	0.40	750,000
Marion	370,951	5,483	8.85	16,449,000
Monroe	2	—	—	—
Montgomery	110	1	—	3,000
Moultrie	67	6	0.01	18,000
Perry	601	24	0.04	72,000
Randolph	3,451	103	0.17	309,000
Richland	86,411	2,130	3.44	6,390,000
St. Clair	2,883	—	—	—
Saline	15,914	1,003	1.62	3,009,000
Sangamon	1,267	168	0.27	504,000
Schuyler	1	—	—	—
Shelby	1,244	66	0.11	198,000
Wabash	91,247	2,782	4.49	8,346,000
Washington	23,726	568	0.92	1,704,000
Wayne	197,624	6,040	9.74	18,120,000
White	229,940	6,196	10.00	18,588,000
Williamson	533	30	0.05	90,000
Total	2,660,612	61,982	100.00	\$185,946,000

<sup>a</sup>Subject to revision.<sup>b</sup>In thousands of barrels.<sup>c</sup>Average price estimated at \$3.00 per barrel.



TABLE 8 - ILLINOIS STONE PRODUCTION BY REGIONS, 1966<sup>a,b</sup>

Producing counties and operations <sup>c</sup>		Stone use	Tons	Value	Average per ton
NORTHWEST					
Carroll	Ogle	Road and			
Henry	Rock Island	building	4,201,209	\$ 4,736,221	\$1.13
Jo Daviess	Stephenson	Agstone	508,879	684,447	1.35
Lee	Whiteside	All other	235,145	253,733	1.08
Mercer	Winnebago				
Operations - 115		Total	4,945,233	\$ 5,674,401	\$1.15
WEST					
Adams	Knox	Road and			
Brown	McDonough	building	1,394,536	\$ 1,808,695	\$1.30
Hancock	Schuyler	Agstone	461,160	728,396	1.58
Henderson	Warren	All other	374,078	838,325	2.24
Operations - 24		Total	2,229,774	\$ 3,375,416	\$1.51
WEST SOUTHWEST					
Calhoun	Madison	Road and			
Christian	Montgomery	building	1,926,895	\$ 3,020,274	\$1.57
Greene	Pike	Agstone	554,783	822,513	1.48
Jersey	Scott	All other	43,213	66,174	1.53
Operations - 26		Total	2,524,891	\$ 3,908,961	\$1.55
SOUTHWEST					
Clinton	Randolph	Road and			
Jackson	St. Clair	building	3,876,400	\$ 5,861,151	\$1.51
Johnson	Union	Agstone	789,921	1,150,221	1.46
Monroe	Washington	All other	1,756,460	2,337,675	1.33
Pulaski					
Operations - 23		Total	6,422,781	\$ 9,349,047	\$1.46
NORTHEAST					
Boone	Kendall	Road and			
Cook	LaSalle	building	17,339,763	\$21,965,027	\$1.27
DeKalb	McHenry	Agstone	452,998	663,713	1.47
DuPage	Will	All other	675,792	916,020	1.36
Kane					
Operations - 26		Total	18,468,553	\$23,544,760	\$1.27
EAST					
Kankakee		Road and			
Livingston		building	3,331,705	\$ 4,220,838	\$1.27
Vermilion		Agstone	1,109,301	1,492,942	1.35
Operations - 10		All other	187,762	417,639	2.22
		Total	4,628,768	\$ 6,131,419	\$1.32
CENTRAL					
Logan		Road and			
Menard		building	1,050,062	\$ 1,536,801	\$1.46
Peoria		Agstone	328,599	551,978	1.68
Operations - 6		All other	—	—	—
		Total	1,378,661	\$ 2,088,779	\$1.52
EAST SOUTHEAST					
Clark	Fayette	Road and			
Clay	Marion	building	812,972	\$ 1,500,721	\$1.85
Coles	Shelby	Agstone	444,712	843,583	1.90
Operations - 8		All other	—	—	—
		Total	1,257,684	\$ 2,344,304	\$1.86
SOUTHEAST					
Hardin		Road and			
Jefferson		building	450,346	\$ 613,912	\$1.36
Massac		Agstone	272,677	381,101	1.40
Operations - 8		All other	—	—	—
		Total	723,023	\$ 995,013	\$1.38
STATE TOTALS					
Counties - 59		Road and			
Operations - 246		building	34,383,888	\$45,263,640	\$1.32
		Agstone	4,923,030	7,318,894	1.49
		All other	3,272,450	4,829,566	1.48
		Total	42,579,368	\$57,412,100	\$1.35

<sup>a</sup>Based on U.S. Bureau of Mines figures. All values at the quarry.<sup>b</sup>Dimension stone and stone used for cement and lime not included.<sup>c</sup>Summary of commercial stone production. Figure 3 shows regions and counties.

TABLE 9 - ILLINOIS COMMON SAND PRODUCTION BY REGIONS, 1966<sup>a</sup>

Producing counties and operations		Sand use	Tons	Value	Average per ton
NORTHWEST					
Bureau	Ogle				
Carroll	Rock Island	Paving	753,000	\$ 591,000	\$0.78
Henry	Stephenson	Building	1,238,000	1,074,000	0.87
Jo Daviess	Whiteside	All other	395,000	201,000	0.51
Lee	Winnebago				
Operations - 28		Total	2,386,000	\$ 1,866,000	\$0.78
WEST					
Adams					
Brown		Paving	142,000	\$ 101,000	\$0.71
Fulton		Building	63,000	61,000	0.97
Henderson		All other	59,000	40,000	0.68
Knox					
Operations - 9		Total	264,000	\$ 202,000	\$0.77
WEST SOUTHWEST					
Bond		Paving	286,000	\$ 280,000	\$0.98
Madison		Building	458,000	448,000	0.98
Pike		All other	97,000	64,000	0.66
Sangamon					
Operations - 8		Total	841,000	\$ 792,000	\$0.94
SOUTHWEST					
Alexander	St. Clair	Paving	155,000	\$ 144,000	\$0.93
Jackson	Union	Building	317,000	305,000	0.96
Pulaski		All other	50,000	44,000	0.88
Randolph					
Operations - 6		Total	522,000	\$ 493,000	\$0.94
CENTRAL					
OeWitt	Mason				
Logan	Peoria	Paving	688,000	\$ 566,000	\$0.82
McLean	Tazewell	Building	651,000	608,000	0.93
Macon	Woodford	All other	257,000	162,000	0.63
Marshall					
Operations - 23		Total	1,596,000	\$ 1,336,000	\$0.84
NORTHEAST					
Boone	Kendall				
Cook	Lake	Paving	3,010,000	\$ 2,735,000	\$0.91
OeKalb	LaSalle	Building	3,511,000	3,141,000	0.89
OuPage	McHenry	All other	786,000	383,000	0.49
Grundy	Will				
Kane		Total	7,307,000	\$ 6,259,000	\$0.86
Operations - 53					
EAST					
Champaign					
Ford		Paving	232,000	\$ 210,000	\$0.91
Kankakee		Building	216,000	195,000	0.90
Livingston		All other	172,000	73,000	0.42
Vermilion					
Operations - 13		Total	620,000	\$ 478,000	\$0.77
EAST SOUTHEAST					
Clark	Fayette				
Coles	Jasper	Paving	218,000	\$ 153,000	\$0.70
Crawford	Lawrence	Building	72,000	42,000	0.58
Cumberland	Shelby	All other	77,000	40,000	0.52
Effingham					
Operations - 17		Total	367,000	\$ 235,000	\$0.64
SOUTHEAST					
Gallatin		Paving	130,000	\$ 140,000	\$1.08
Massac		Building	298,000	307,000	1.03
Wabash		All other	40,000	31,000	0.78
White					
Operations - 9		Total	468,000	\$ 478,000	\$1.02
STATE TOTALS					
Counties - 63					
Operations - 166		Paving	5,614,000	\$ 4,920,000	\$0.88
		Building	6,824,000	6,181,000	0.91
		All other	1,933,000	1,038,000	0.54
		Total	14,371,000	\$12,139,000	\$0.84

<sup>a</sup>Based on U.S. Bureau of Mines figures. All values at the pit.<sup>b</sup>Summary of commercial sand production. Figure 3 shows regions and counties.

MINERAL PRODUCTION IN ILLINOIS IN 1966

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TABLE 10 - ILLINOIS GRAVEL PRODUCTION BY REGIONS, 1966<sup>a</sup>

Producing counties and operations <sup>b</sup>		Gravel use	Tons	Value	Average per ton
NORTHWEST					
Bureau	Putnam				
Carroll	Rock Island	Paving	865,000	\$ 750,000	\$0.87
Henry	Stephenson	Building	641,000	719,000	1.12
Jo Daviess	Whiteside	All other	31,000	23,000	0.74
Lee	Winnebago				
Ogle		Total	1,537,000	\$ 1,492,000	\$0.97
Operations - 34					
WEST					
Adams		Paving	296,000	\$ 370,000	\$1.25
Brown		Building	43,000	65,000	1.51
Fulton		All other	—	—	—
Knox		Total	339,000	\$ 435,000	\$1.28
Operations - 7					
WEST SOUTHWEST					
Bond		Paving	100,000	\$ 163,000	\$1.63
Pike		Building	118,000	171,000	1.45
Sangamon		All other	146,000	96,000	0.66
		Total	364,000	\$ 430,000	\$1.18
Operations - 6					
SOUTHWEST					
Alexander		Paving	17,000	\$ 13,000	\$0.76
Pulaski		Building	—	—	—
Union		All other	—	—	—
		Total	17,000	\$ 13,000	\$0.76
Operations - 3					
CENTRAL					
DeWitt	Mason				
Logan	Peoria	Paving	2,641,000	\$ 3,007,000	\$1.14
McLean	Tazewell	Building	617,000	775,000	1.26
Macon	Woodford	All other	137,000	104,000	0.76
Marshall		Total	3,395,000	\$ 3,886,000	\$1.14
Operations - 44					
NORTHEAST					
Boone	Kendall				
Cook	Lake	Paving	4,982,000	\$ 4,320,000	\$0.87
DeKalb	LaSalle	Building	5,906,000	4,770,000	0.81
DuPage	McHenry	All other	893,000	527,000	0.59
Grundy	Will	Total	11,781,000	\$ 9,617,000	\$0.82
Kane					
Operations - 73					
EAST					
Champaign	Kankakee	Paving	317,000	\$ 335,000	\$1.06
Ford	Livingston	Building	99,000	138,000	1.39
Iroquois	Vermilion	All other	194,000	82,000	0.42
		Total	610,000	\$ 555,000	\$0.91
Operations - 22					
EAST SOUTHEAST					
Clark	Jasper				
Coles	Lawrence	Paving	665,000	\$ 541,000	\$0.81
Crawford	Moultrie	Building	51,000	51,000	1.00
Cumberland	Shelby	All other	46,000	18,000	0.39
Fayette		Total	762,000	\$ 610,000	\$0.80
Operations - 16					
SOUTHEAST					
Gallatin		Paving	203,000	\$ 234,000	\$1.15
Massac		Building	12,000	16,000	1.33
Wabash		All other	7,000	8,000	1.14
White		Total	222,000	\$ 258,000	\$1.16
Operations - 8					
STATE TOTALS					
Counties - 60		Paving	10,086,000	\$ 9,733,000	\$0.97
Operations - 213		Building	7,487,000	6,705,000	0.90
		All other	1,454,000	858,000	0.59
		Total	19,027,000	\$17,296,000	\$0.91

<sup>a</sup>Based on U.S. Bureau of Mines figures. All values at the pit.

<sup>b</sup>Summary of commercial gravel production. Figure 3 shows regions and counties.

TABLE 11 - ILLINOIS STONE, SAND, AND GRAVEL PRODUCED BY REGIONS, 1958-1966<sup>a</sup>

Year	Crushed stone		Common sand		Gravel	
	Tons	Value	Tons	Value	Tons	Value
NORTHWEST						
1958	2,156,378	\$ 2,385,418	1,829,311	\$1,308,719	1,611,891	\$1,444,081
1959	1,688,388	1,918,743	1,510,795	1,079,945	1,425,657	1,331,045
1960	3,561,122	3,891,959	1,839,844	1,370,134	1,582,500	1,627,040
1961	3,693,503	4,190,437	2,069,495	1,587,096	1,989,033	1,875,279
1962	4,231,141	4,819,131	2,391,511	1,953,420	1,770,970	1,792,618
1963	3,935,724	4,695,426	2,248,973	1,834,094	1,707,841	1,793,047
1964	4,448,127	5,286,308	2,275,000	1,759,000	1,776,000	1,873,000
1965	4,945,042	5,451,689	2,119,000	1,666,000	1,536,000	1,350,000
1966	4,945,233	5,674,401	2,386,000	1,866,000	1,537,000	1,492,000
WEST						
1958	1,631,221	\$ 2,478,669	177,519	\$ 157,477	394,563	\$ 473,384
1959	1,373,352	2,069,847	152,673	150,453	470,483	567,781
1960	1,770,751	2,650,701	125,236	130,186	328,742	422,973
1961	2,006,386	2,724,085	152,483	142,006	339,358	423,864
1962	1,858,947	2,834,179	156,149	149,914	343,470	453,897
1963	1,773,921	2,756,289	147,917	132,057	259,925	350,121
1964	1,871,573	2,920,524	188,000	160,000	331,000	446,000
1965	2,322,218	3,495,635	271,000	223,000	353,000	479,000
1966	2,229,774	3,375,416	264,000	202,000	339,000	435,000
WEST SOUTHWEST						
1958	1,754,039	\$ 2,857,094	699,415	\$ 593,090	455,368	\$ 448,874
1959	1,550,914	2,547,205	715,425	624,425	344,790	346,454
1960	1,478,955	2,335,579	711,988	648,433	325,314	292,547
1961	2,006,819	3,078,501	780,534	700,316	375,479	327,670
1962	2,344,997	3,540,015	735,135	664,809	384,408	358,625
1963	2,455,711	3,822,566	883,197	758,940	297,031	327,029
1964	2,609,666	3,946,366	712,000	716,000	511,000	711,000
1965	2,912,911	4,374,390	988,000	1,028,000	336,000	439,000
1966	2,524,891	3,908,961	841,000	792,000	364,000	430,000
SOUTHWEST						
1958	5,700,915	\$ 8,818,555	551,253	\$ 475,503	7,153	\$ 7,041
1959	5,665,890	8,561,139	654,333	583,131	4,929	4,452
1960	6,016,336	8,691,930	578,800	512,735	—	—
1961	5,322,621	8,185,291	636,012	568,847	—	—
1962	5,621,838	8,343,699	540,134	510,522	14,817	10,826
1963	5,734,252	8,107,952	522,376	466,457	8,808	8,010
1964	6,502,034	9,452,111	598,000	531,000	25,000	22,000
1965	7,010,531	10,165,201	581,000	525,000	30,000	28,000
1966	6,422,781	9,349,047	522,000	493,000	17,000	13,000
CENTRAL						
1958	924,872	\$ 1,292,553	1,715,655	\$1,517,770	3,384,386	\$3,202,777
1959	979,416	1,409,662	1,446,456	1,408,400	2,331,312	2,392,255
1960	1,024,938	1,411,229	1,403,753	1,459,038	2,289,190	2,499,238
1961	992,859	1,495,461	1,324,285	1,359,789	2,824,876	2,957,801
1962	1,222,549	1,789,859	1,458,087	1,494,756	3,202,631	3,375,086
1963	1,154,146	1,700,933	1,462,032	1,381,042	2,684,150	3,266,573
1964	1,304,665	1,911,831	1,405,000	1,252,000	3,341,000	4,165,000
1965	1,733,879	2,535,027	1,630,000	1,295,000	3,263,000	3,759,000
1966	1,378,661	2,088,779	1,596,000	1,336,000	3,395,000	3,886,000

<sup>a</sup>Figure 3 shows regions and counties.

TABLE 11 - Continued

Year	Crushed stone		Common sand		Gravel	
	Tons	Value	Tons	Value	Tons	Value
NORTHEAST						
1958	16,317,775	\$19,875,221	6,100,712	\$ 5,981,250	9,858,499	\$ 9,375,969
1959	15,604,068	18,432,918	6,087,269	5,737,011	8,394,023	7,298,402
1960	17,948,063	24,603,820	6,647,987	5,976,329	9,117,327	7,906,727
1961	15,183,438	19,866,258	6,438,967	5,815,984	8,579,033	7,027,952
1962	18,114,409	23,795,950	7,620,107	6,435,234	8,895,704	7,707,407
1963	15,451,977	19,038,314	6,377,350	5,377,713	8,336,616	7,202,685
1964	15,865,295	20,070,693	6,976,000	6,084,000	9,140,000	7,998,000
1965	17,451,867	21,863,261	6,657,000	5,662,000	11,258,000	9,041,000
1966	18,468,553	23,544,760	7,307,000	6,259,000	11,781,000	9,617,000
EAST						
1958	3,290,711	\$ 4,112,865	129,535	\$ 127,094	240,250	\$ 207,462
1959	3,590,076	4,404,303	144,008	117,902	393,540	247,189
1960	3,998,696	5,400,197	324,887	247,838	154,929	173,416
1961	3,003,010	4,117,731	364,065	281,969	311,074	311,232
1962	3,610,413	4,849,667	490,138	365,824	445,027	451,725
1963	3,572,879	4,885,343	343,717	273,470	442,145	432,941
1964	4,116,128	5,520,260	509,000	395,000	543,000	571,000
1965	4,813,322	6,352,908	497,000	411,000	624,000	599,000
1966	4,628,768	6,131,419	620,000	478,000	610,000	555,000
EAST SOUTHEAST						
1958	884,821	\$ 1,412,679	107,315	\$ 78,884	307,257	\$ 216,739
1959	969,165	1,587,679	142,550	98,715	403,693	333,672
1960	821,808	1,310,009	220,181	179,542	459,411	408,644
1961	957,936	1,550,227	230,569	169,562	885,099	707,119
1962	1,074,972	1,705,902	280,765	176,322	743,480	586,100
1963	985,482	1,651,418	297,231	194,626	568,285	468,395
1964	1,230,909	2,124,957	682,000	620,000	644,000	639,000
1965	1,450,061	2,578,665	379,000	241,000	563,000	556,000
1966	1,257,684	2,344,304	367,000	235,000	762,000	610,000
SOUTHEAST						
1958	404,057	\$ 643,037	150,817	\$ 120,673	319,090	\$ 319,760
1959	487,873	814,969	123,969	95,339	307,240	308,612
1960	411,348	682,934	136,110	108,819	357,740	364,004
1961	410,312	627,947	181,627	150,594	345,802	346,762
1962	448,956	635,174	208,936	192,467	322,818	304,623
1963	823,540	1,096,454	273,763	279,983	253,342	251,114
1964	677,439	1,047,355	336,000	347,000	256,000	291,000
1965	653,595	988,490	302,000	305,000	231,000	257,000
1966	723,023	995,013	468,000	478,000	222,000	258,000
STATE TOTALS						
1958	33,064,789	\$43,876,091	11,461,532	\$10,360,460	16,578,457	\$15,696,087
1959	31,909,142	41,746,465	10,977,478	9,895,321	14,075,667	12,829,862
1960	37,032,017	50,978,358	11,988,786	10,633,054	14,615,153	13,694,589
1961	33,576,884	45,835,938	12,178,037	10,776,163	15,649,754	13,977,679
1962	38,528,222	52,313,576	13,880,962	11,943,268	16,123,325	15,040,907
1963	35,887,632	47,754,695	12,556,556	10,698,382	14,558,143	14,099,915
1964	38,625,836	52,280,405	13,681,000	11,864,000	16,567,000	16,716,000
1965	43,293,426	57,805,266	13,424,000	11,356,000	18,194,000	16,508,000
1966	42,579,368	57,412,100	14,371,000	12,139,000	19,027,000	17,296,000

TABLE 12 - ILLINOIS SILICA SAND PRODUCTION, 1965-1966<sup>a</sup>

Silica sand use	1965		1966	
	Tons	Value	Tons	Value
Class sand	1,861,000	\$ 4,041,000	1,745,000	\$ 3,655,000
Molding sand <sup>b</sup>	1,018,000	3,050,000	1,192,000	3,890,000
Other uses	544,000	2,627,000	916,000 <sup>d</sup>	5,600,000 <sup>d</sup>
Ground silica sand <sup>c</sup>	208,000	2,273,000		
Total silica sand	3,631,000	\$11,991,000	3,853,000	\$13,145,000

<sup>a</sup>Based on U.S. Bureau of Mines figures.<sup>b</sup>Grinding and polishing, blast, fire and furnace, engine, filter, oil.<sup>c</sup>For abrasives, ceramics, foundry, filler, chemical.<sup>d</sup>1966 detail figures not available for publication.

TABLE 13 - PRODUCTION OF ILLINOIS CLAY PRODUCTS, 1965-1966

Clay products reported	1965		1966	
	Amount	Value	Amount	Value
Face brick (number)	182,025,117	\$ 8,299,081	176,638,077	\$ 8,539,457
Common brick (number)	133,284,664	3,482,034	122,136,801	3,563,312
Drain and sewer tile (tons)	157,744	5,959,191	173,352	5,884,342
Lightweight aggregate (tons)	577,128	3,332,258	563,357	3,313,043
Other clay products	—	1,004,138	—	1,075,528
Clay and silica refractories	—	7,672,164	—	9,766,680
Pottery and whiteware	—	22,710,634	—	22,759,628
Total		\$52,459,500		\$54,901,990

TABLE 14 - FLUORSPAR SHIPPED AND CONSUMED, 1960-1966<sup>a</sup>

Year	Fluorspar shipments			Fluorspar <sup>b</sup> consumed in United States	Illinois shipments as percent of U.S. consumption
	United States	Illinois	Illinois as percent of U.S.		
1960	229,782	134,529	58.5	643,759	20.9
1961	197,354	116,908	59.2	687,940	17.0
1962	206,026	132,830	64.5	652,888	20.3
1963	199,948	132,060	66.1	736,350	17.9
1964	217,137	127,454	58.7	831,561	15.3
1965	240,932	159,140	66.1	930,127	17.1
1966	253,068	176,175	69.6	1,065,124	16.5

<sup>a</sup>Fluorspar figures, in tons, U.S. Bureau of Mines.<sup>b</sup>Fluorspar consumed includes domestic and foreign material.TABLE 15 - ILLINOIS ZINC AND LEAD PRODUCTION, 1960-1966<sup>a</sup>

Year <sup>b</sup>	Zinc			Lead		
	Tons	Value	Average per ton	Tons	Value	Average per ton
1960	29,550	\$7,623,900	\$258.00	3,000	\$702,000	\$234.00
1961	26,795	6,162,850	230.00	3,430	706,580	206.00
1962	27,413	6,304,990	230.00	3,610	664,240	184.00
1963	20,337	4,677,510	230.00	2,901	626,616	216.00
1964	13,800	3,753,600	272.00	2,180	571,160	262.00
1965	18,314	5,347,688	292.00	3,005	937,560	312.00
1966	15,192	4,405,680	290.00	2,285	690,756	302.00

<sup>a</sup>Based on U.S. Bureau of Mines figures.<sup>b</sup>Mine production of recoverable metal.

Table 16 of this report was designed as a quick and convenient reference to the counties in Illinois producing any one of 14 mineral products of this state. The table indicates the different mineral products produced by any county in the state, and the numbers show the position held by each county among all counties producing a selected mineral product.

TABLE 16 - SUMMARY OF MINERALS PRODUCED BY ILLINOIS COUNTIES, 1966

Counties	Cement	Clay products	Coal	Crude oil	Fluorspar	Lead	Lime	Natural bonded molding sand	Common sand	Common gravel	Silica sand	Stone	Tripoli	Zinc
Adams	-	-	25	37	-	-	2	-	43	51	-	18	-	-
Alexander	-	-	-	-	-	-	-	-	28	56	-	-	1	-
Bond	-	-	-	27	-	-	-	-	24	39	-	-	-	-
Boone	-	-	-	-	-	-	-	-	55	37	-	37	-	-
Brown	-	25	-	39	-	-	-	-	51	54	-	56	-	-
Bureau	-	-	-	-	-	-	-	-	22	10	-	-	-	-
Calhoun	-	-	-	-	-	-	-	-	-	-	-	58	-	-
Carroll	-	-	-	-	-	-	-	-	56	52	-	31	-	-
Cass	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Champaign	-	-	-	40	-	-	-	-	12	21	-	-	-	-
Christian	-	-	9	18	-	-	-	-	-	-	-	48	-	-
Clark	-	-	-	22	-	-	-	-	40	24	-	24	-	-
Clay	-	-	-	8	-	-	-	-	-	-	-	50	-	-
Clinton	-	-	-	16	-	-	-	-	-	-	-	46	-	-
Coles	-	-	-	19	-	-	-	-	42	27	-	20	-	-
Cook	-	2	-	-	-	-	1	-	6	14	-	1	-	-
Crawford	-	3	-	7	-	-	-	-	41	20	-	-	-	-
Cumberland	-	-	-	23	-	-	-	-	27	38	-	-	-	-
DeKalb	-	-	-	-	-	-	-	-	20	17	-	28	-	-
DeWitt	-	-	-	24	-	-	-	-	54	41	-	-	-	-
Douglas	-	-	17	29	-	-	-	-	-	-	-	-	-	-
DuPage	-	14	-	-	-	-	-	-	14	15	-	9	-	-
Edgar	-	-	-	31	-	-	-	-	-	-	-	-	-	-
Edwards	-	-	-	15	-	-	-	-	-	-	-	-	-	-
Effingham	-	-	-	21	-	-	-	-	57	-	-	-	-	-
Fayette	-	24	-	1	-	-	-	2	58	55	-	44	-	-
Ford	-	-	-	-	-	-	-	-	30	26	-	-	-	-
Franklin	-	-	8	12	-	-	-	-	-	-	-	-	-	-
Fulton	-	-	7	-	-	-	-	-	17	16	-	-	-	-
Gallatin	-	-	21	17	-	-	-	-	15	42	-	-	-	-

TABLE 16 - Continued

Counties	Cement	Clay products	Coal	Crude oil	Fluorspar	Lead	Lime	Natural bonded molding sand	Common sand	Common gravel	Silica sand	Stone	Tripoli	Zinc
Greene	—	18	26	—	—	—	—	—	—	—	—	33	—	—
Grundy	—	8	20	—	—	—	—	—	3	4	—	—	—	—
Hamilton	—	—	—	6	—	—	—	—	—	—	—	—	—	—
Hancock	—	—	—	41	—	—	—	—	—	—	—	26	—	—
Hardin	—	—	—	—	1	1	—	—	—	—	—	19	—	1
Henderson	—	—	—	—	—	—	—	—	59	—	—	27	—	—
Henry	—	—	—	—	—	—	—	1	49	48	—	36	—	—
Iroquois	—	—	—	—	—	—	—	—	—	44	—	—	—	—
Jackson	—	—	18	—	—	—	—	—	32	—	—	43	—	—
Jasper	—	—	—	11	—	—	—	—	52	49	—	—	—	—
Jefferson	—	—	13	13	—	—	—	—	—	—	—	45	—	—
Jersey	—	—	—	—	—	—	—	—	—	—	—	51	—	—
Jo Daviess	—	—	—	—	—	2	—	—	33	60	—	21	—	2
Johnson	—	—	—	—	—	—	—	—	—	—	—	13	—	—
Kane	—	7	—	—	—	—	—	—	4	2	—	23	—	—
Kankakee	—	15	—	—	—	—	—	—	45	57	—	4	—	—
Kendall	—	—	—	—	—	—	—	—	47	23	—	40	—	—
Knox	—	5	11	—	—	—	—	—	61	47	—	34	—	—
Lake	—	17	—	—	—	—	—	—	8	8	—	—	—	—
LaSalle	1	1	—	—	—	—	—	—	13	7	1	53	—	—
Lawrence	—	—	—	2	—	—	—	—	39	25	—	—	—	—
Lee	2	—	—	—	—	—	—	—	19	28	—	14	—	—
Livingston	—	20	—	—	—	—	—	—	60	36	—	5	—	—
Logan	—	—	23	—	—	—	—	—	26	19	—	42	—	—
McDonough	—	4	—	32	—	—	—	—	—	—	—	32	—	—
McHenry	—	26	—	—	—	—	—	—	1	1	—	59	—	—
McLean	—	—	—	—	—	—	—	—	25	9	—	—	—	—
Macon	—	—	—	35	—	—	—	—	21	31	—	—	—	—
Macoupin	—	—	15	38	—	—	—	—	—	—	—	—	—	—
Madison	—	13	—	25	—	—	—	—	18	—	—	12	—	—
Marion	—	—	—	5	—	—	—	—	—	—	—	54	—	—
Marshall	—	19	—	—	—	—	—	—	44	12	—	—	—	—
Mason	—	—	—	—	—	—	—	—	50	53	—	—	—	—
Massac	3	—	—	—	—	—	—	—	31	58	—	52	—	—
Menard	—	—	—	—	—	—	—	—	—	—	—	25	—	—
Mercer	—	21	24	—	—	—	—	—	—	—	—	47	—	—



TABLE 16 - Continued

Counties	Cement	Clay products	Coal	Crude oil	Fluorspar	Lead	Lime	Natural bonded molding sand	Common sand	Common gravel	Silica sand	Stone	Tripoli	Zinc
Monroe	-	-	-	-	-	-	-	-	-	-	-	29	-	-
Montgomery	-	-	5	42	-	-	-	-	-	-	-	15	-	-
Morgan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moultrie	-	-	-	36	-	-	-	-	-	45	-	-	-	-
Ogle	-	-	-	-	-	-	-	-	23	30	2	17	-	-
Peoria	-	-	10	-	-	-	-	-	9	5	-	10	-	-
Perry	-	-	1	34	-	-	-	-	-	-	-	-	-	-
Piatt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pike	-	-	-	-	-	-	-	-	53	29	-	22	-	-
Pope	-	-	-	-	2	3	-	-	-	-	-	-	-	3
Pulaski	-	23	-	-	-	-	-	-	48	59	-	39	-	-
Putnam	-	-	-	-	-	-	-	-	-	40	-	-	-	-
Randolph	-	-	4	28	-	-	-	-	38	-	-	7	-	-
Richland	-	-	-	10	-	-	-	-	-	-	-	-	-	-
Rock Island	-	-	-	-	-	-	-	3	7	35	-	6	-	-
St. Clair	-	16	3	-	-	-	-	-	16	-	-	2	-	-
Saline	-	-	6	14	-	-	-	-	-	-	-	-	-	-
Sangamon	-	12	-	26	-	-	-	-	11	18	-	-	-	-
Schuyler	-	-	16	-	-	-	-	-	-	-	-	57	-	-
Scott	-	22	-	-	-	-	-	-	-	-	-	49	-	-
Shelby	-	-	-	30	-	-	-	-	46	46	-	55	-	-
Stark	-	-	14	-	-	-	-	-	-	-	-	-	-	-
Stephenson	-	-	-	-	-	-	-	-	34	32	-	30	-	-
Tazewell	-	9	-	-	-	-	-	-	10	6	-	-	-	-
Union	-	-	-	-	-	-	-	-	63	50	-	8	-	-
Vermilion	-	10	12	-	-	-	-	-	29	22	-	11	-	-
Wabash	-	-	-	9	-	-	-	-	36	33	-	-	-	-
Warren	-	11	-	-	-	-	-	-	-	-	-	38	-	-
Washington	-	-	22	20	-	-	-	-	-	-	-	35	-	-
Wayne	-	-	-	4	-	-	-	-	-	-	-	-	-	-
White	-	-	-	3	-	-	-	-	35	34	-	-	-	-
Whiteside	-	-	-	-	-	-	-	-	37	43	-	41	-	-
Will	-	6	19	-	-	-	-	-	2	3	-	3	-	-
Williamson	-	-	2	33	-	-	-	-	-	-	-	-	-	-
Winnebago	-	-	-	-	-	-	-	-	5	11	-	16	-	-
Woodford	-	-	-	-	-	-	-	-	62	13	-	-	-	-

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