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MINERAL ECONOMICS

STATE OF ILLINOIS
DEPARTMENT OF
REGISTRATION AND EDUCATION

SUMMARY OF ILLINOIS
MINERAL PRODUCTION
IN 1961

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ILLINOIS STATE GEOLOGICAL SURVEY

URBANA

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ILLINOIS STATE GEOLOGICAL SURVEY



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SUMMARY OF ILLINOIS MINERAL PRODUCTION IN 1961


W. L. Busch

Minerals produced in Illinois during 1961 were valued at 604 million dollars, the sixth consecutive year that the state's annual mineral production has exceeded 600 million dollars. The 1961 total was only about 2 percent less than the record high of 615.8 million dollars reached in 1960. Mineral fuels—coal and crude oil and associated products—accounted for approximately 68 percent of the 1961 total value. Other products, including stone, sand, gravel, cement, lime, clay products, fluorspar, and zinc and lead, made up about 32 percent of the 1961 total.

Illinois was fourth among the coal producing states of the nation in 1961 - exceeded in the production of this commodity only by West Virginia, Kentucky, and Pennsylvania. The 45.1 million tons of coal produced in Illinois during 1961 was mined about equally from surface and underground mines. Nearly 60 percent of the state's coal production, about 27 million tons, was used for the production of electrical energy in 1961.

Crude oil production in Illinois during 1961 totaled 77.4 million barrels and was valued at 232.4 million dollars. A relatively steady level of oil production has been maintained in Illinois during recent years by the continued expansion of secondary recovery methods. Approximately two-thirds of the total oil produced in Illinois in 1961 was through secondary methods, chiefly water-flooding. Illinois ranked eighth in the nation in 1961 crude oil production.

Illinois in 1961 led the nation in output of fluorspar, furnishing about 57 percent of total domestic shipments, was third in the production of stone, and ranked fifth in cement and sand and gravel production. Manufacture of clay products continued at substantial levels during the year, according to reports from Illinois producers. Comparatively small amounts of zinc and lead also were produced in Illinois during 1961.



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SUMMARY OF ILLINOIS MINERAL PRODUCTION, 1960-1961^a

Material	Unit	1960 ^b			1961 ^b		
		Quantity	Value at Plants		Quantity	Value at Plants	
			Total	Av.		Total	Av.
Coal - bituminous	tons	45,820,632	\$183,740,734	\$4.01	45,132,526	\$176,468,177	\$3.91
Crude oil	bbls.	77,341,000	230,338,000	2.98	77,478,000	232,434,000	3.00
Limestone and dolomite	tons	37,032,017	50,978,358	1.38	33,576,884	45,835,938	1.37
Cement	bbls.	9,139,300	30,732,000	3.36	9,055,552	29,720,368	3.28
Clay products	-	-	56,621,065	-	-	56,400,489	-
Sand	tons	11,988,786	10,633,054	0.89	12,178,037	10,776,163	0.88
Gravel	tons	14,615,153	13,694,589	0.94	15,649,754	13,977,679	0.89
Special sands	-	-	9,818,110	-	-	10,511,283	-
Fluorspar	tons	134,529	6,935,511	51.55	116,908	5,956,350	50.95
Zinc	tons	29,550	7,623,900	258.00	26,795	6,162,850	230.00
Lead	tons	3,000	702,000	234.00	3,430	706,580	206.00
Other minerals ^c	-	-	13,982,679	-	-	15,050,123	-
Total value			\$615,800,000			\$604,000,000	

a 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.

b Subject to revision.

c Includes natural gas, natural gasoline, liquefied petroleum gases, and lime.

