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STATE OF ILLINOIS

Otto Kerner, Governor

DEPARTMENT OF REGISTRATION AND EDUCATION  
William Sylvester White, Director

ILLINOIS STONE PRODUCTION  
IN 1960

W. L. BUSCH

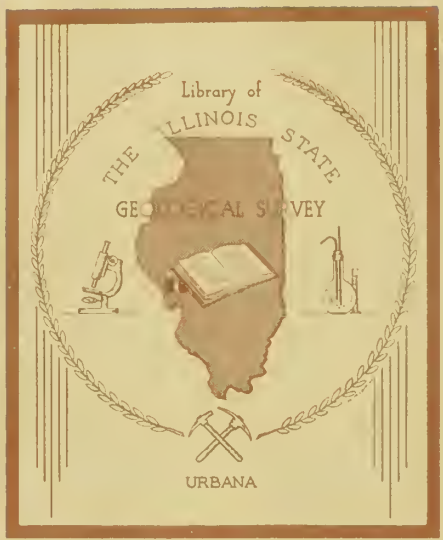
DIVISION OF THE  
ILLINOIS STATE GEOLOGICAL SURVEY

URBANA

John C. Frye, Chief

MINERAL ECONOMICS BRIEF 2

September 1961



ILLINOIS STATE GEOLOGICAL SURVEY



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## ILLINOIS STONE PRODUCTION IN 1960

W. L. Busch

Crushed and broken stone produced in Illinois during 1960 amounted to 37 million tons valued at almost 51 million dollars. The tonnage reported for 1960 is a 16 percent increase over the 31.9 million tons reported for 1959. The average value of stone produced in 1960 was \$1.38 per ton, compared to the 1959 average value of \$1.31. Total value of stone reported for 1959 was 41.7 million dollars.

Illinois counties leading in the production of crushed stone for various purposes are Cook, Will, St. Clair, Kankakee, DuPage, Randolph, Livingston, Vermilion, and Johnson. As a group, these nine counties produced over 25 million tons of stone in 1960, valued at more than 34.5 million dollars. In 1960 these counties, which make up 16 percent of the 56 counties reporting stone production, quarried about 68 percent of the total tonnage produced. Cook County, the leading stone producing county in the state, produced more than 12.8 million tons valued at 18.3 million dollars. Other counties that produced important quantities of stone include Union, Rock Island, Carroll, Peoria, Adams, Winnebago, and Madison. In 1960 these seven counties produced a total of almost 4.9 million tons of crushed stone valued at over 6.8 million dollars. In summary, production figures indicate that the 16 counties listed in the two groups above produced over 30 million tons of stone, or 81 percent of the 1960 state total, while the remaining 40 counties reporting stone production produced 19 percent of the total.

By far the greatest use of Illinois crushed stone is for road and highway building and maintenance, and for other types of construction. The following pages present figures indicating the amount of crushed stone produced in Illinois in 1960 according to region (see map) and according to three major categories of use--for roads and building, agriculture, and miscellaneous uses.




Illinois Stone Production  
by Regions, 1960 \*†

Counties and operations reporting	Crushed and broken stone			Average per ton
	Stone use	Tons	Value	
NORTHWEST				
Carroll				
Henry				
Jo Daviess				
Lee	Road and			
Mercer	building	3,277,175	\$3,554,732	\$1.08
Ogle	Agstone	234,131	298,793	1.28
Rock Island	All other	49,816	38,434	.77
Stephenson	Total	<u>3,561,122</u>	<u>\$3,891,959</u>	<u>\$1.09</u>
Whiteside				
Winnebago				
Operations - 36				
WEST				
Adams				
Brown				
Hancock	Road and	1,397,724	\$1,831,032	\$1.31
Henderson	building	264,926	371,886	1.40
Knox	Agstone	<u>108,101</u>	<u>447,733</u>	<u>4.14</u>
McDonough	All other	1,770,751	\$2,650,701	\$1.50
Schuyler	Total			
Warren				
Operations - 20				
WEST SOUTHWEST				
Bond				
Calhoun				
Christian	Road and			
Greene	building‡	1,252,029	\$1,980,794	\$1.58
Jersey	Agstone	226,926	354,785	1.56
Madison	All other	-	-	-
Montgomery	Total	<u>1,478,955</u>	<u>\$2,335,579</u>	<u>\$1.58</u>
Pike				
Scott				
Operations - 20				

\*Report based on U. S. Bureau of Mines figures. All values at the quarry.

†Dimension stone and stone used for cement and lime not included.

‡Includes small amount of other stone.



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Illinois Stone Production  
by Regions, 1960 \*†

Counties and operations reporting	Crushed and broken stone			Average per ton
	Stone use	Tons	Value	
SOUTHWEST				
Clinton				
Jackson				
Johnson	Road and			
Monroe	building	3,966,046	\$6,097,151	\$1.54
Pulaski	Agstone	708,299	917,663	1.30
Randolph	All other	1,341,991	1,677,116	1.25
St. Clair	Total	6,016,336	\$8,691,930	\$1.44
Union				
Operations - 21				
NORTHEAST				
Boone				
Cook				
DeKalb	Road and			
DuPage	building	16,429,049	\$22,211,717	\$1.35
Kane	Agstone	352,207	493,198	1.40
Kendall	All other	1,166,807	1,898,905	1.63
LaSalle	Total	17,948,063	\$24,603,820	\$1.37
McHenry				
Will				
Operations - 24				
EAST				
Kankakee	Road and			
Livingston	building	3,207,940	4,118,470	\$1.28
Vermilion	Agstone	716,273	942,439	1.32
Operations - 8	All other	74,483	339,288	4.56
	Total	3,998,696	5,400,197	\$1.35

\*Report based on U. S. Bureau of Mines figures. All values at the quarry.

†Dimension stone and stone used for cement and lime not included.





Illinois Stone Production  
by Regions, 1960 \* †

Counties and operations reporting	Crushed and broken stone			Average per ton
	Stone use	Tons	Value	
CENTRAL				
Menard Peoria Operations - 5	Road and building	823,247	\$1,102,202	\$1.34
	Agstone	201,691	309,027	1.53
	All other	-	-	-
	Total	<u>1,024,938</u>	<u>\$1,411,229</u>	<u>\$1.38</u>
EAST SOUTHEAST				
Clark Coles Effingham Shelby Operations - 8	Road and building	490,816	\$ 729,550	\$1.49
	Agstone	330,992	580,459	1.75
	All other	-	-	-
	Total	<u>821,808</u>	<u>\$1,310,009</u>	<u>\$1.59</u>
SOUTHEAST				
Hardin Jefferson Massac Operations - 4	Road and building‡	335,139	\$ 561,931	\$1.68
	Agstone	76,209	121,003	1.59
	All other	-	-	-
	Total	<u>411,348</u>	<u>\$ 682,934</u>	<u>\$1.66</u>
STATE TOTALS				
Counties - 56 Operations - 146	Road and building	31,179,165	\$42,187,629	\$1.35
	Agstone	3,111,654	4,389,253	1.41
	All other	<u>2,741,198</u>	<u>4,401,476</u>	<u>1.61</u>
	Total	<u>37,032,017</u>	<u>\$50,978,358</u>	<u>\$1.38</u>

\*Report based on U. S. Bureau of Mines figures. All values at the quarry.

†Dimension stone and stone used for cement and lime not included.

‡Includes negligible amount of other stone.



MAP OF  
ILLINOIS



ILLINOIS STATE  
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