

1964

the Kansas Mineral Industry

by
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Special Distribution Publication 17



Kansas Geological Survey
The University of Kansas, Lawrence, Kansas

January 1965

the Kansas Mineral Industry. . .1964

Part 1 Estimated Value of Mineral Commodities for 1964

Including

Statistical summary of mineral commodities

Graphic presentation of value

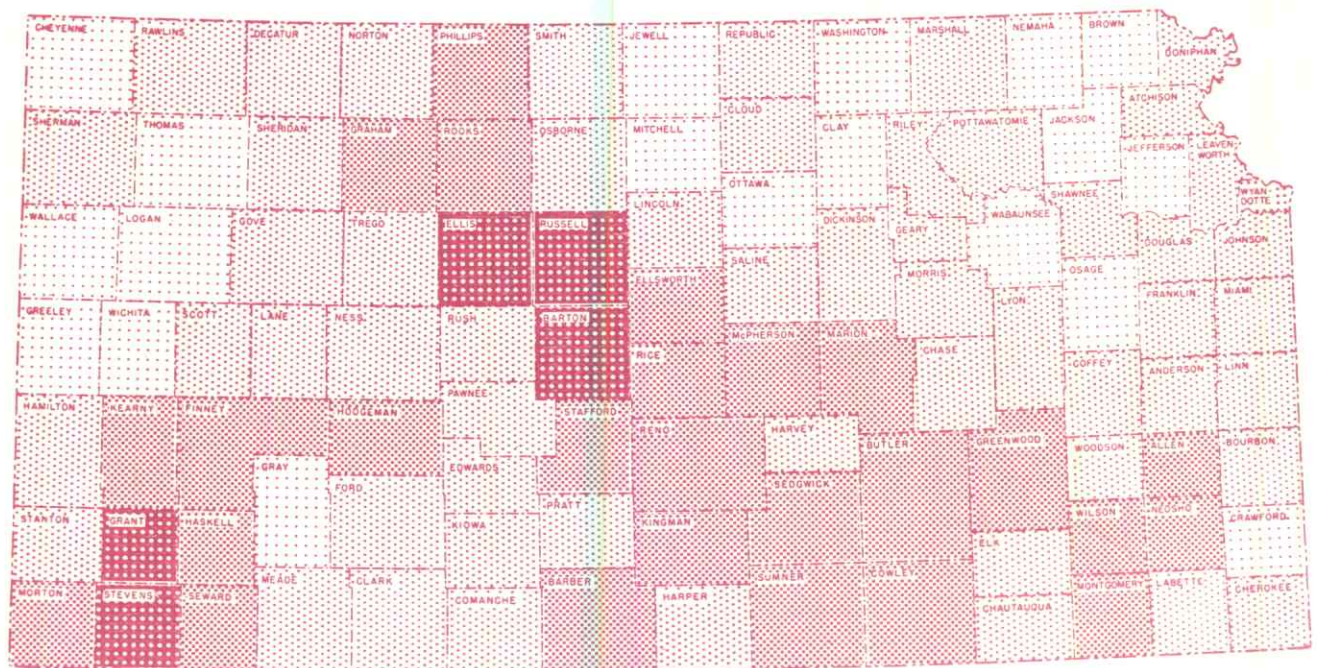
Part 2 Directory of Kansas Mineral Producers. . .1965

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Distribution of Mineral Production in Kansas, 1963



Value in dollars

0 - 100,000

100,000 - 5,000,000

5,000,000 - 20,000,000

over 20,000,000

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Estimated Value of Mineral Commodities. . .1964



Mineral Resources

1964 IN REVIEW

The value of minerals produced in Kansas in 1964 reached an all-time high of \$549,250,000, according to year-end estimates, surpassing the previous highs of \$536,100,000 in 1957 and \$539,693,000 in 1963.

Although the total value is a record high, the mineral economy is little if any stronger than in previous years; in fact, the value of crude petroleum, which accounts for 57.5 percent of the total mineral value, is lower for the eighth consecutive year. Only because of the government-supported helium conservation program, with the resultant impetus on helium extraction and sequential increases in natural gas and natural gasoline and LPG production, does the mineral value show an increase. More than a threefold increase in value of helium was recorded over 1963, an increase 6,300 times that of 1950.

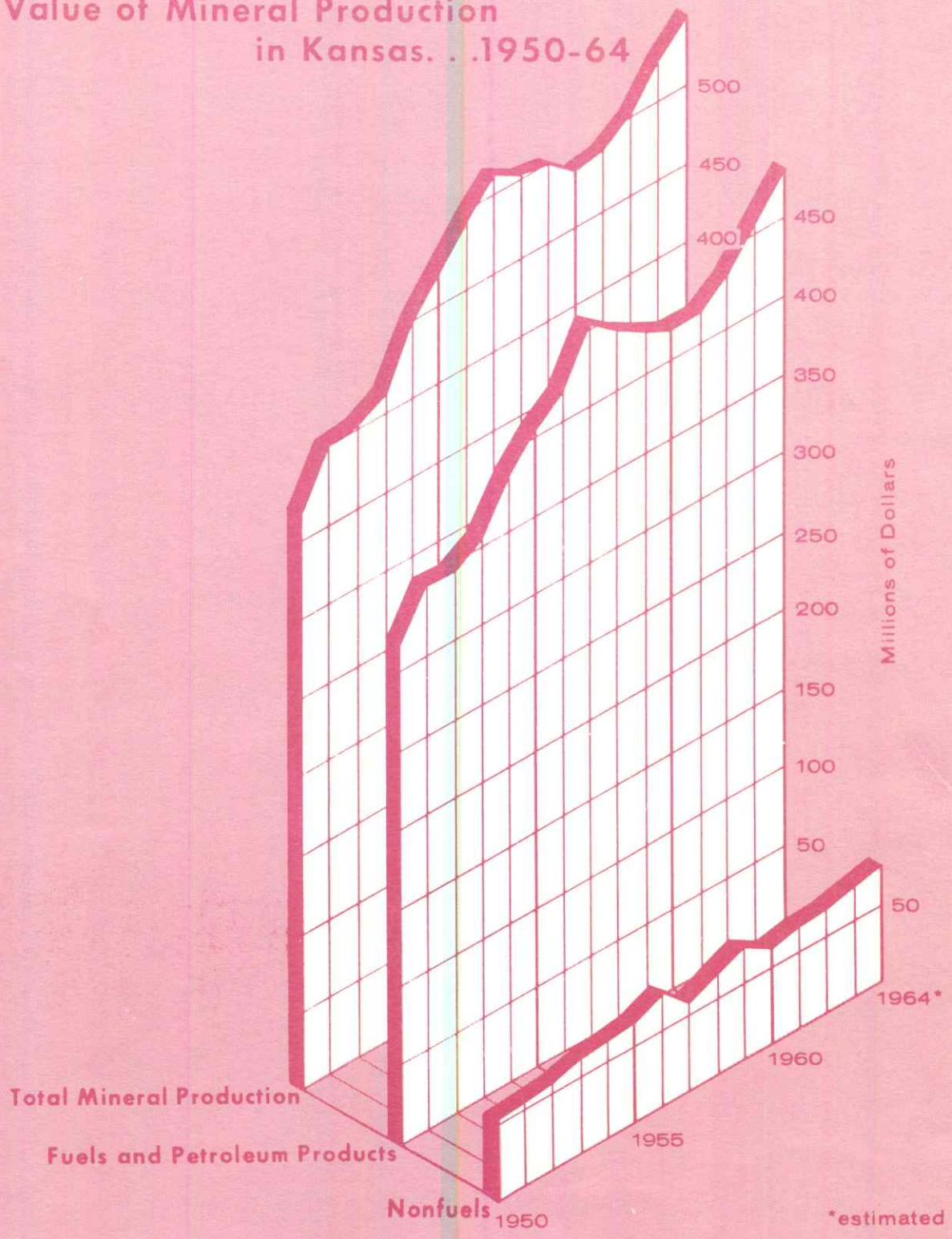
With the government helium program well underway and helium extraction approaching a plateau, continued growth in total mineral production will become increasingly dependent on production growth in the non-metallic minerals. Close correlation exists between non-metallic mineral production and gross national product, population growth and total construction contract awards, the latter having the closest correlation. Production of cement, stone, and sand and gravel reflects trends in total construction contract awards, but lags awards by six months to a year. Total construction contract awards in Kansas in 1962 were relatively high but dropped 15 percent in 1963; however, in 1964 they were up 31 percent for the first eleven months for which figures are available. Production of cement, stone, and sand and gravel was all down considerably the first half of 1964, reflecting the 15 percent drop in contract awards in 1963. However, last-half production reflected the increase in contract awards that began in January 1964 and increased significantly in March and succeeding months. Production of cement, stone, and sand and gravel, for example, although getting off to a slow start in 1964, approached the 1963 high and cement even surpassed the 1963 figure.

Based on the increase expected in the gross national product, the 31 percent increase in construction contract awards in 1964 in Kansas as reported in Dodge Construction Statistics, and the increases in capital spending in 1965, as predicted by McGraw-Hill's Department of Economics and the Federal Government, mineral production should likewise continue to increase in 1965. Effects of an overall strong economy on the mineral industry should be felt most strongly in increased production of cement, stone, sand and gravel, clay and shale products, and gypsum. In fact, if the economy is as strong as expected, the downward trend in crude oil production may level off or possibly rise. Helium and natural gas production should continue to gain. Mineral production in 1965 accordingly should surpass all previous records.

The past two years have witnessed several mergers of major oil companies and chemical and petrochemical companies, including companies with related but higher order products, such as fabricated plastics, packaging material, and even printing inks. For example Gulf Oil acquired Spencer Chemical Company in 1963. Joint ventures of this type contribute generally to the overall economy by large outlays of capital.

The Geological Survey, cognizant of the trends in population, gross national product, and of the emphasis on economic development in Kansas, has responded by widening its scope of activity. Studies are presently underway, not only in product beneficiation and new product development, but also related market analysis, cost estimates, and profitability analysis. All of these factors are necessary to properly evaluate a potential industrial mineral development project.

Value of Mineral Production in Kansas. . 1950-64



*estimated

MINERAL PRODUCTION IN KANSAS 1963 FINAL FIGURES, AND 1964 ESTIMATES

COMMODITY	1963		1964 Estimates	
	QUANTITY	VALUE (\$1000)	QUANTITY	VALUE (\$1000)
Cement (portland and masonry) (1000 376-lb. bbl.)	8,489 ^{1/}	26,555 ^{1/}	8,500	26,600
Clay & shale products	-----	10,500	-----	11,200
Coal (1000 short tons)	1,169 ^{1/}	5,311 ^{1/}	1,200	5,460
Helium (extracted from Kansas gas) ^{2/} (M cu. ft. at 14.65 psia)	500,000 ^{3/}	6,847 ^{3/}	1,511,237 ^{3/}	20,700 ^{3/}
Lead (recoverable content of ores) (Short tons)	1,027 ^{1/}	222 ^{1/}	1,584	350
Natural gas (1000 M cu. ft. at 14.65 psia)	773,400 ^{3/}	85,071 ^{3/}	816,254 ^{3/}	89,800 ^{3/}
Natural gasoline & LPG (1000 gallons)	567,200 ^{3/}	27,010 ^{3/}	644,000 ^{3/}	30,625 ^{3/}
Petroleum (crude) (1000 42-gal. bbl.)	109,063 ^{3/}	323,918 ^{3/}	106,225 ^{3/}	316,000 ^{3/}
Salt (1000 short tons)	924 ^{1/}	11,993 ^{1/}	941	12,200
Sand & gravel (1000 short tons)	12,062 ^{1/}	8,676 ^{1/}	10,700	7,700
Stone (limestone, sandstone, chat) (1000 short tons)	13,558 ^{1/}	18,483 ^{1/}	12,500	17,000
Zinc (recoverable content of ores) (Short tons)	3,508 ^{1/}	807 ^{1/}	5,606	1,315
Miscellaneous (diatomaceous marl, gypsum, lime, nat- ural cement, carbon black, salt brine, volcanic ash)	-----	14,300	-----	10,300
Total value - with clay & shale products		\$539,693		\$549,250
Total value - less clay & shale products		\$529,566		\$538,559

^{1/} U.S. Bureau of Mines, 1963 Minerals Yearbook Vol. III.

^{2/} Values for total helium extracted in Kansas are: 1963 \$10,088,000 and 1964 estimate \$26,880,000.

^{3/} State Geological Survey of Kansas, Oil & Gas Division.

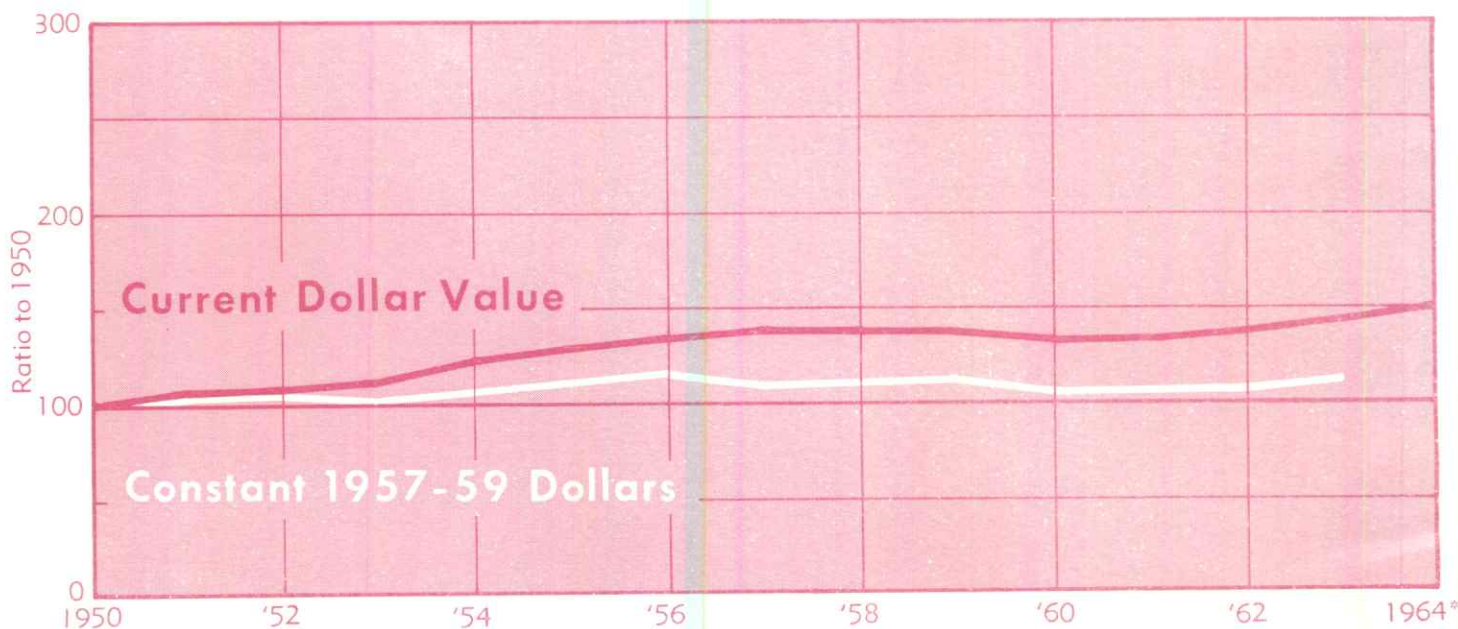
Mineral Production Trends

Trends in Gross National Product, projected to 1975, United States total mineral value, and Kansas total mineral value - with 1950 as the base year - are shown on page 7. These graphs show the ratios of the specified values of a commodity for designated years to the value for 1950, i.e., base 1950 = 100. Gross National Product is figured in 1954 dollars; all others are in current dollar values.

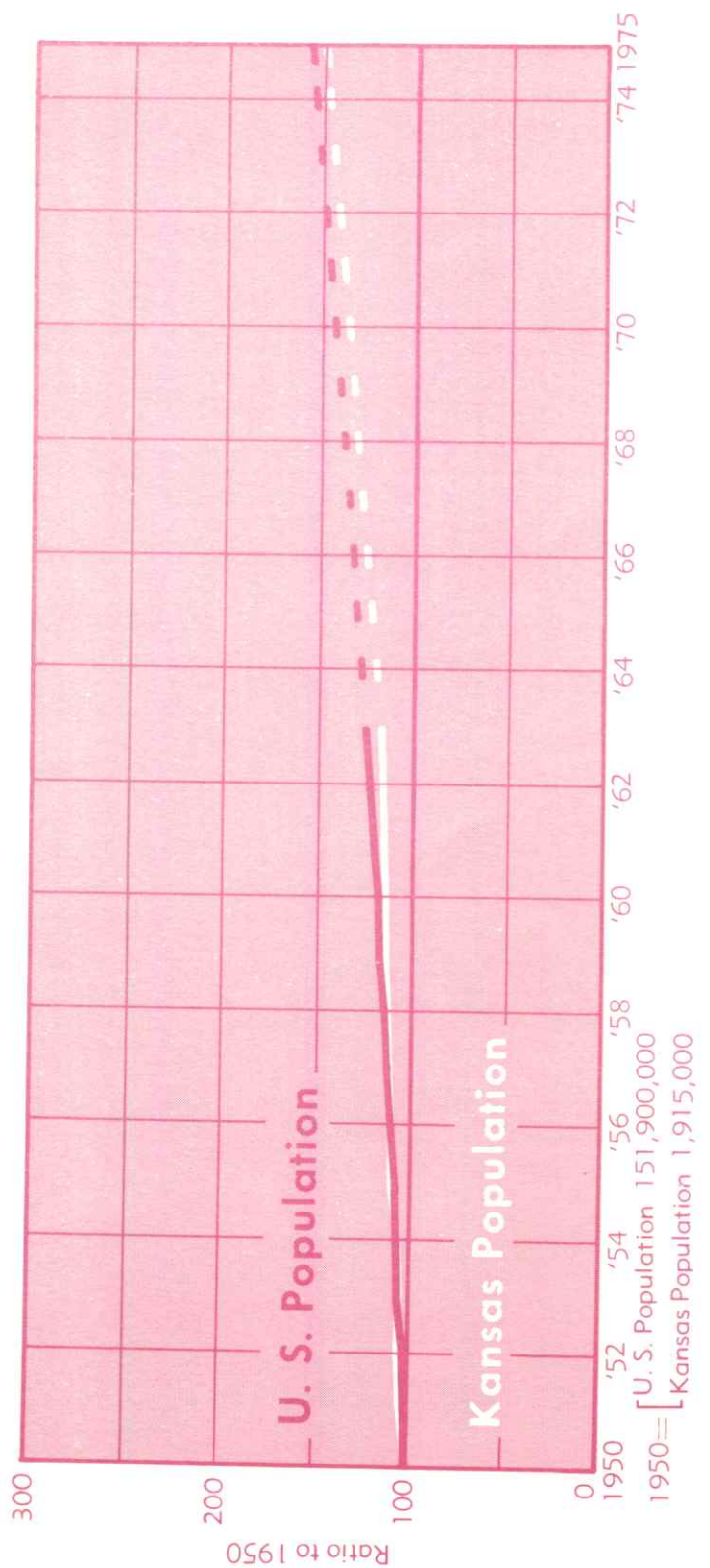
Population trends for the United States and Kansas, with projections to 1975, are shown on page 7. These curves show the ratios of population for any given year to 1950 population, i.e., base 1950 = 100.

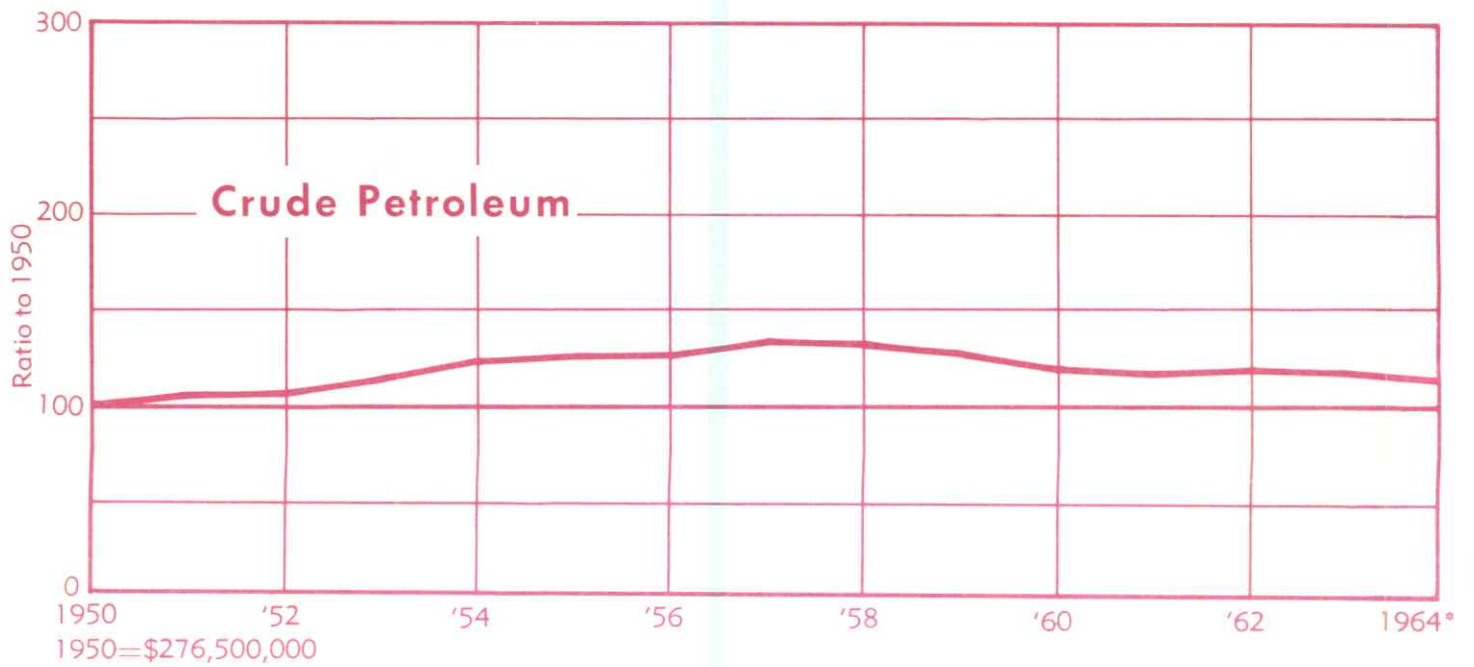
Pages 8 through 13 illustrate the trends of specified mineral values. 1950 is the base year and each curve represents the ratio of value of a specified commodity at designated years to the 1950 value, i.e., base 1950 = 100. All dollar values are in current dollars. Inasmuch as the actual 1950 dollar values are given, values for any year can be calculated by using the appropriate index.

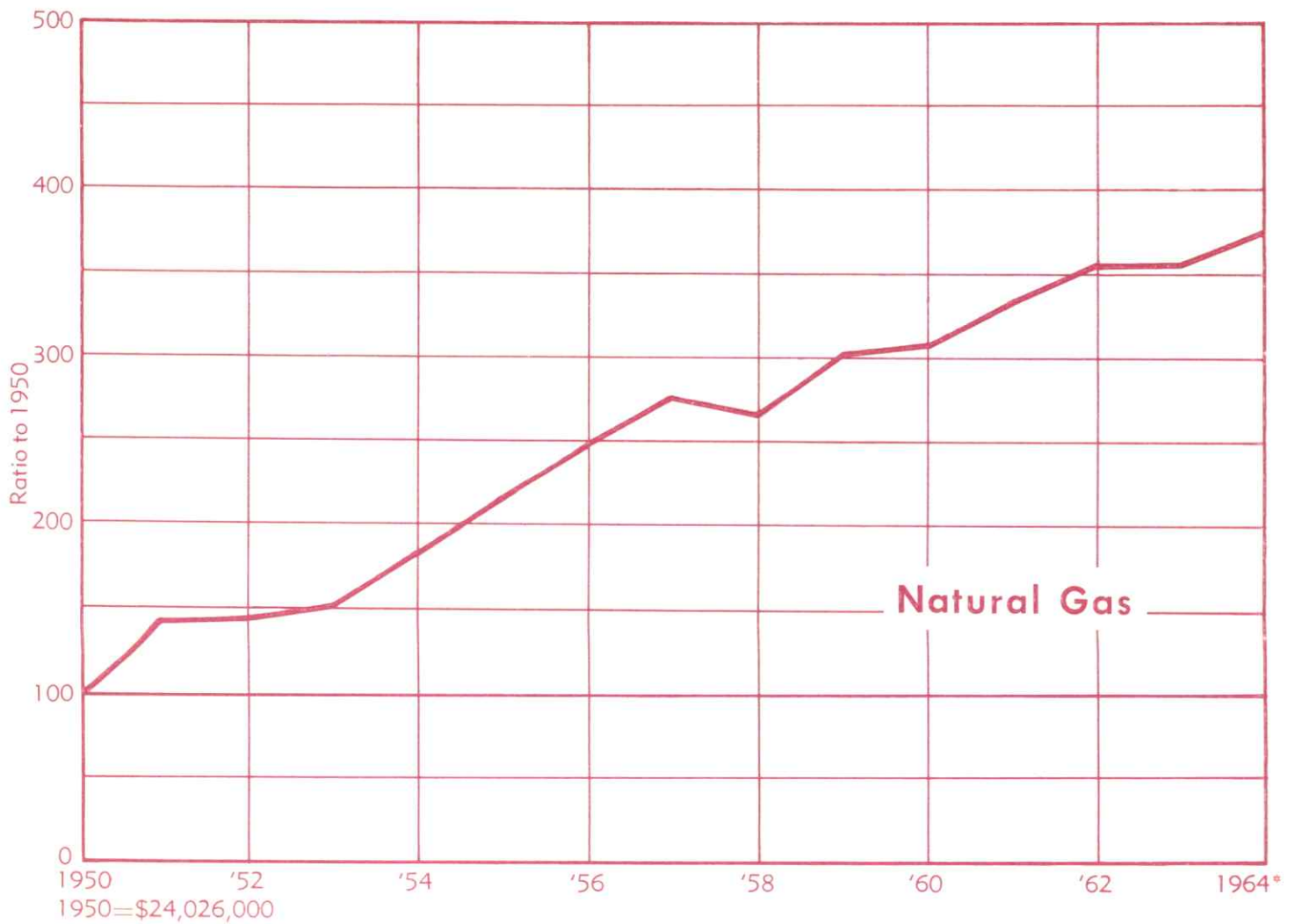
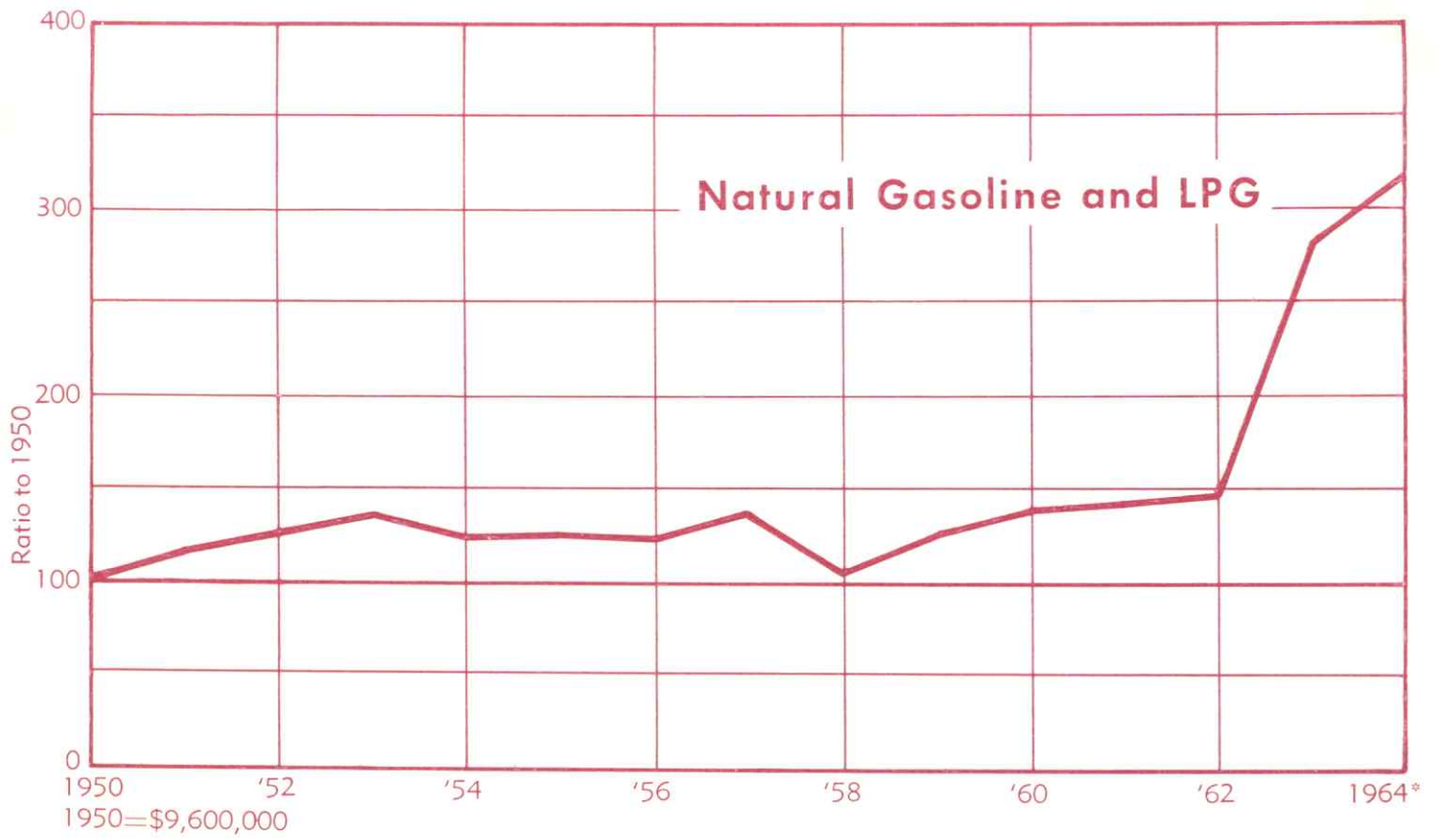
Data are from the Mineral and Water Resources sector report of The Governor's Economic Development Committee, 1962, the U.S. Bureau of Mines Minerals Yearbooks, and U.S. Bureau of Mines Bulletin 585: Mineral Facts and Problems, 1960 Edition.

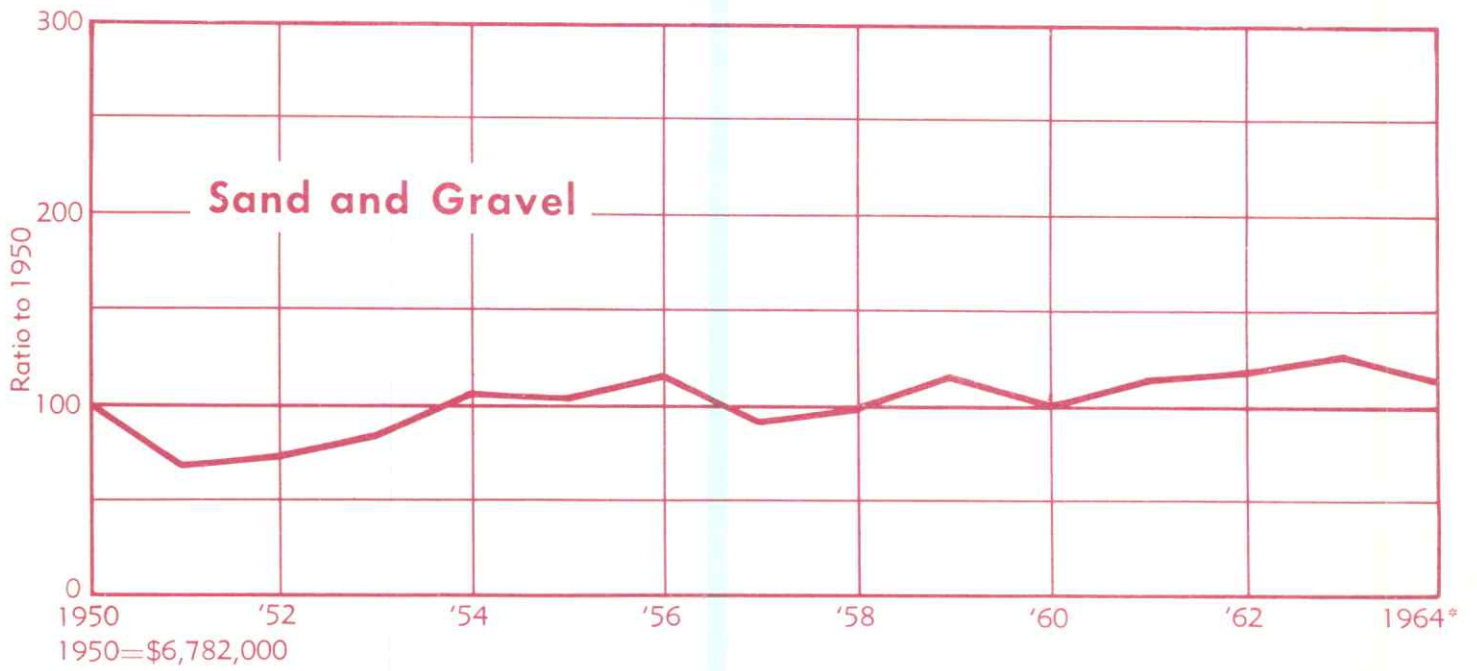
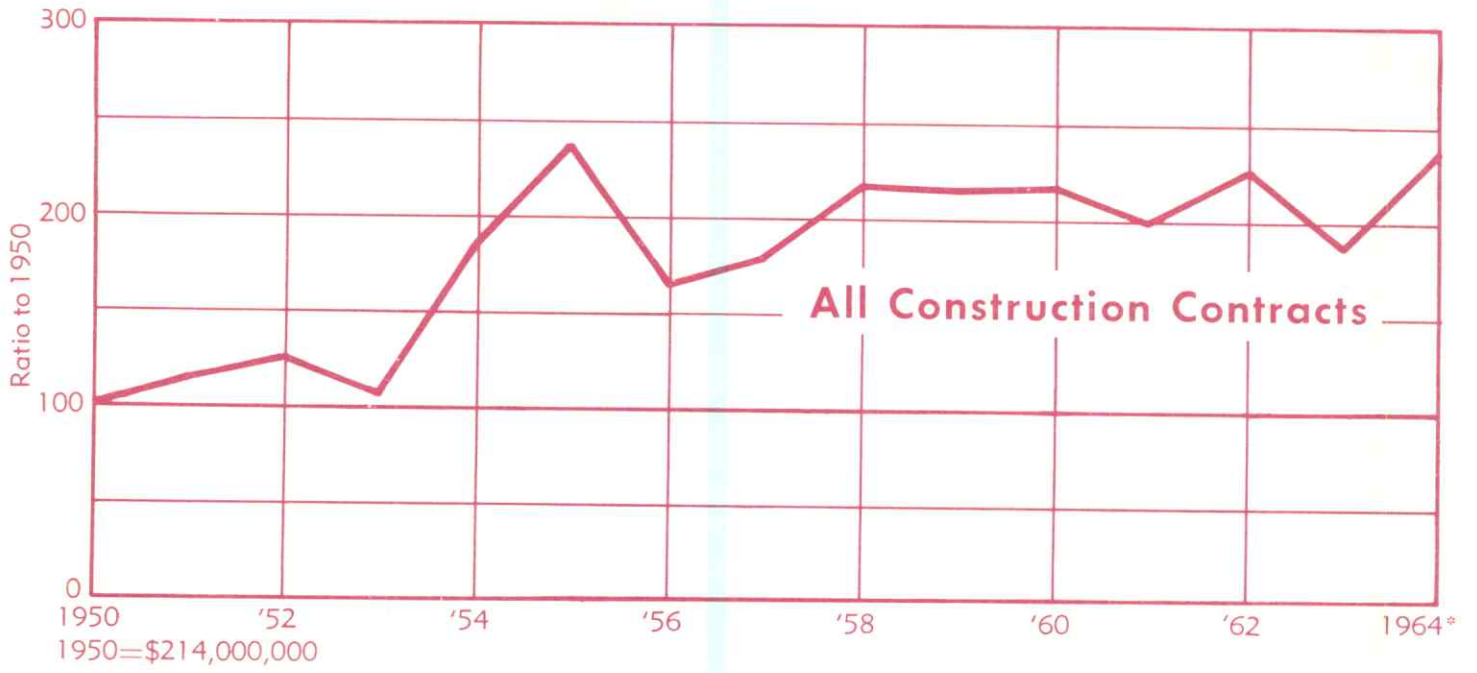


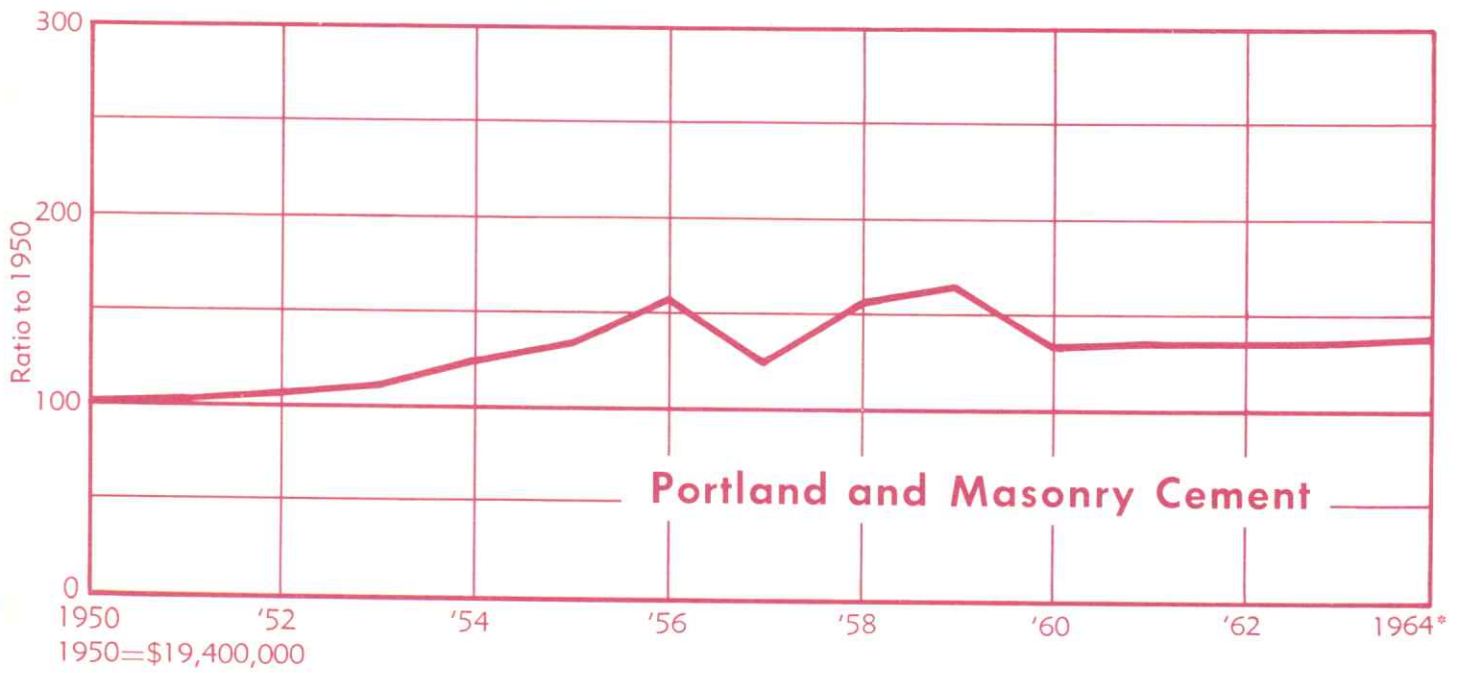
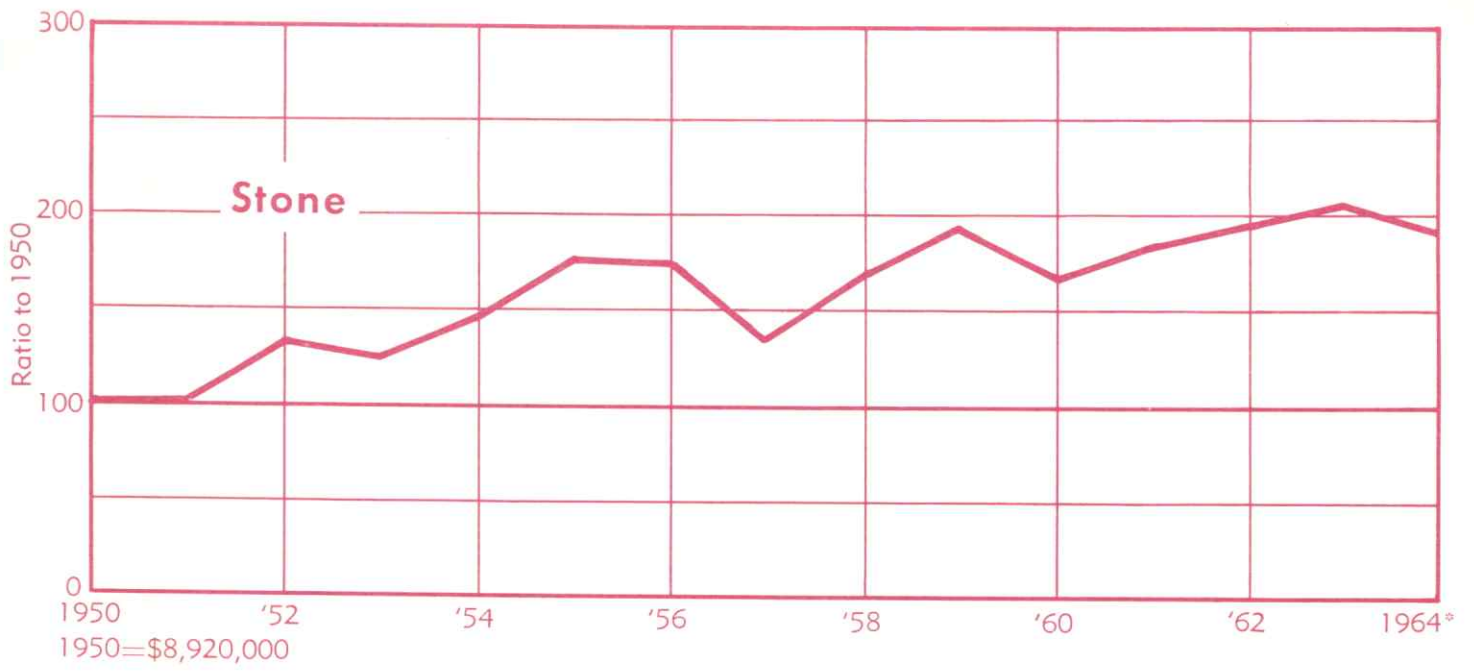
Trend index of Kansas total mineral value; comparing value trends in current dollars and in constant 1957-1959 dollars. Bias caused by price level variations is reduced in the constant dollar series, thus showing more nearly the real change in the annual value trend of mineral production.

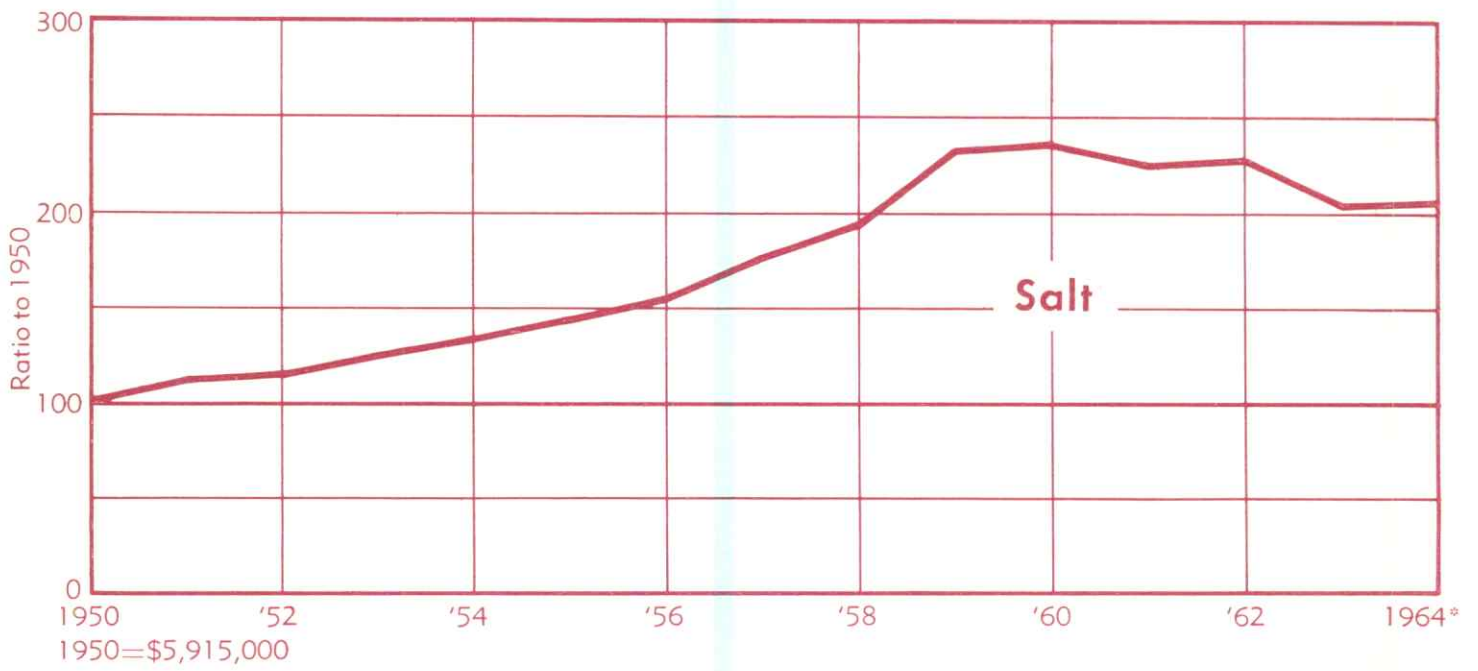
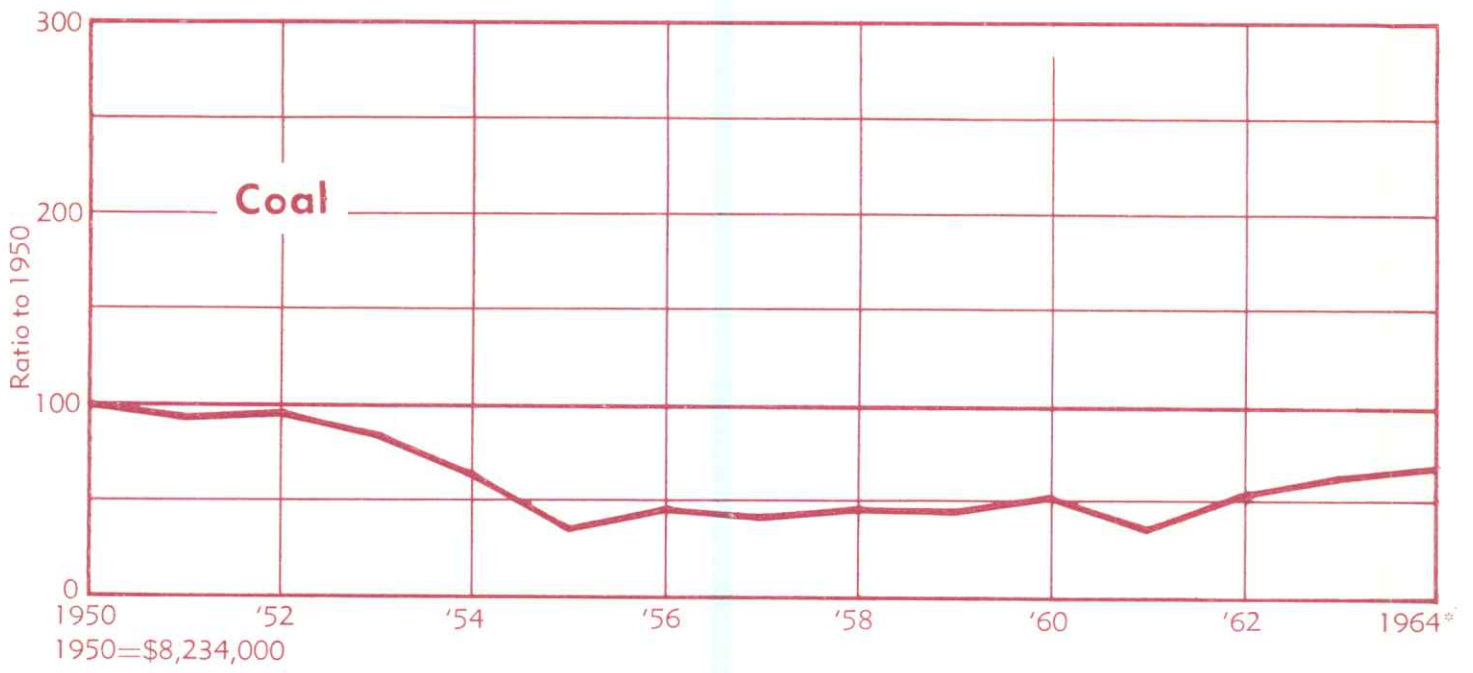


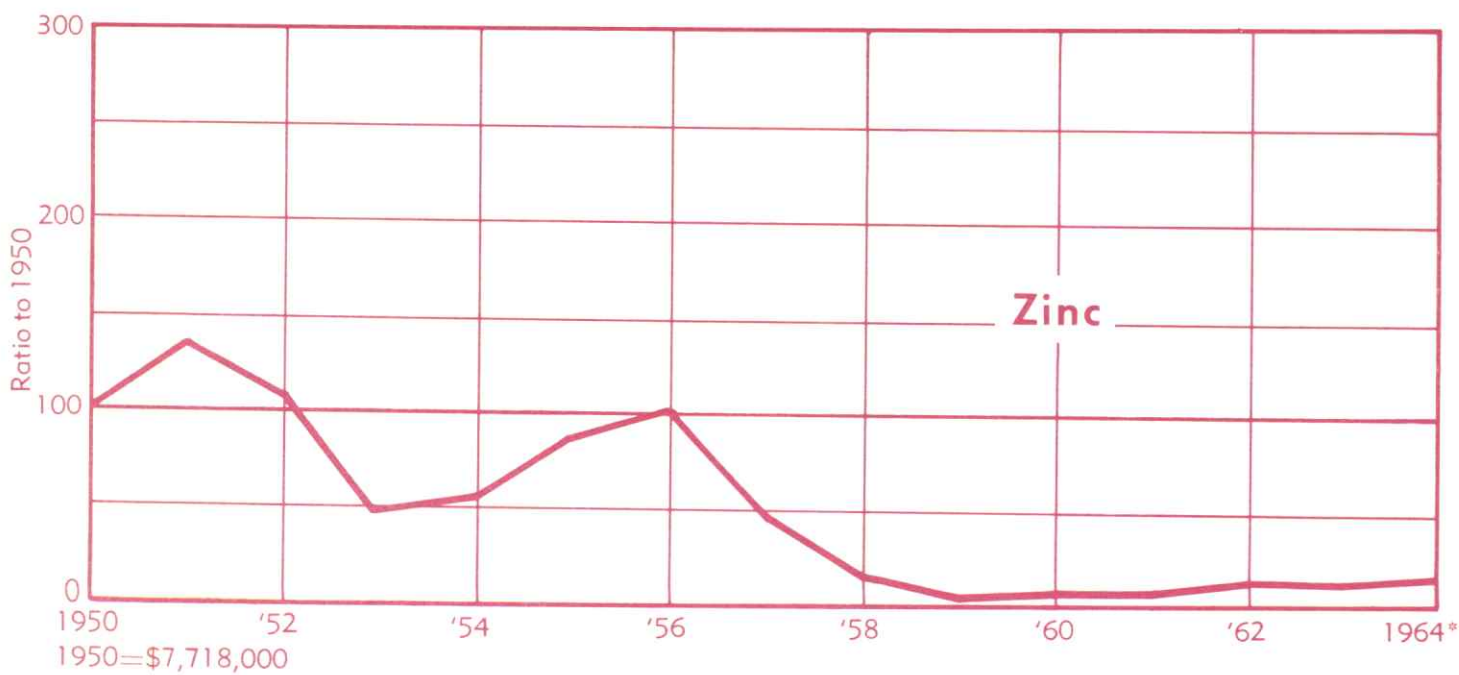
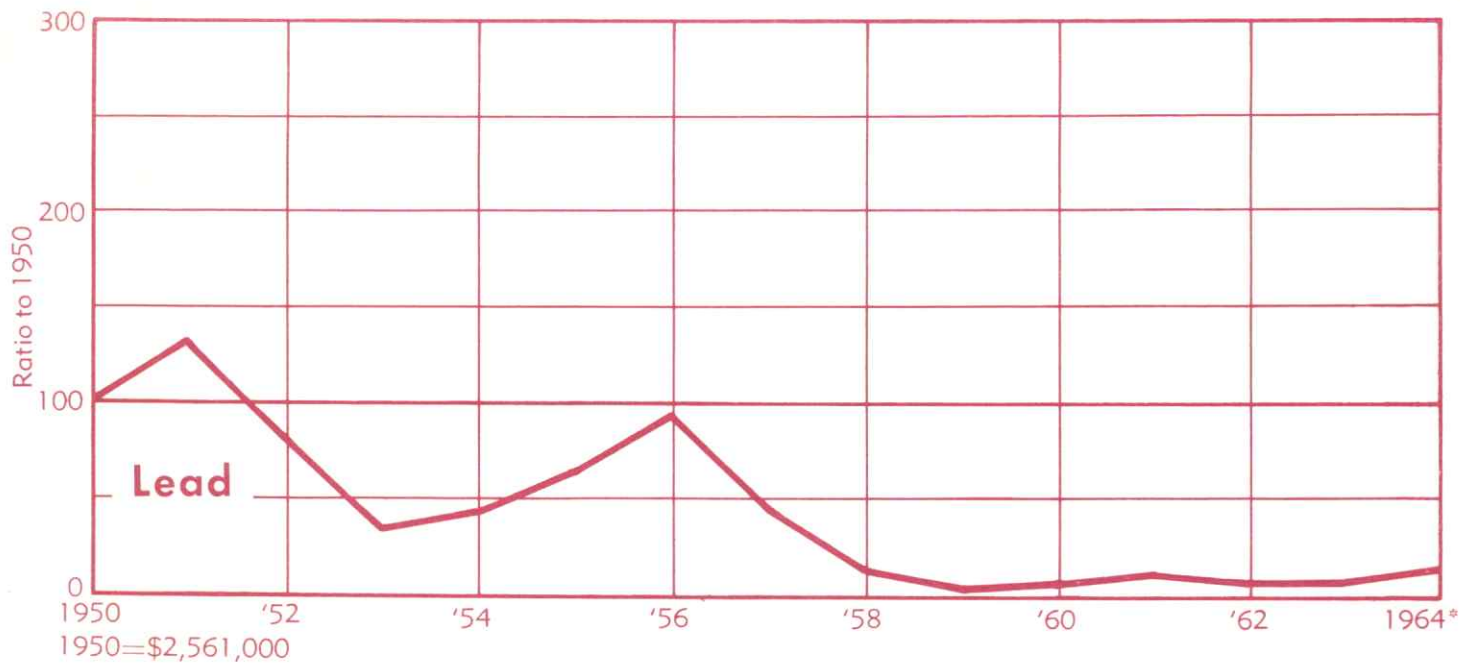












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Directory of Mineral Producers. . .1965

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KANSAS CEMENT PRODUCERS

PORTLAND CEMENT

<u>Producer</u>	<u>Plant and quarry location</u>	<u>Office address</u>
Ash Grove Lime-Portland Cement Co.	Chanute, Neosho County	101 W. 11th St. , Kansas City, Missouri
Fort Scott Hydraulic Cement Co.	Fort Scott, Bourbon County	P. O. Box 267, Fort Scott, Kansas
Ideal Cement Co.	Jewell County*	Superior, Nebraska
Lehigh Portland Cement	Iola, Allen County	Young Building, 718 Hamilton, Allentown, Pennsylvania
Lone Star Cement Corp.	Bonner Springs, Wyandotte County	P. O. Box 87 Bonner Springs, Kansas
Monarch Cement Co.	Humboldt, Allen County	Humboldt, Kansas
Universal Atlas Cement Co.	Independence, Montgomery County	135 E. 42nd St. , New York, New York
Victor Portland Cement Division, General Portland Cement Co.	Fredonia, Wilson County	P. O. Box 479, Fredonia, Kansas

NATURAL CEMENT

<u>Producer</u>	<u>Plant and quarry location</u>	<u>Office address</u>
Fort Scott Hydraulic Cement Co.	Fort Scott, Bourbon County	P. O. Box 267, Fort Scott, Kansas

*Quarry only. (Plant is at Superior, Nebraska.)

KANSAS PRODUCERS OF CLAY AND SHALE PRODUCTS

(Shale utilized in portland cement manufacture listed under cement producers.)

<u>Producer</u>	<u>Product</u>	<u>Plant and pit location</u>	<u>Office address</u>
Acme Brick Co.	Brick	Buffalo, Wilson County	P. O. Box 425, Ft. Worth, Texas
	Brick and tile	Weir, Cherokee County	
	Brick and tile	Kanopolis, Ellsworth County	
Buildex, Inc.	Lightweight concrete aggregate	Ottawa, Franklin County	P. O. Box 299, Pittsburg, Kansas
	Lightweight concrete aggregate	Marquette, McPherson County	
Cloud Ceramics	Brick	Concordia, Cloud County	Concordia, Kansas
W. S. Dickey Clay Manufacturing Co.	Sewer pipe	Pittsburg, Crawford County (P. O. Box 402)	607-617 Commerce Trust Bldg., Kansas City, Missouri
Excelsior Brick Co.	Brick	Fredonia, Wilson County	P. O. Box 32, Fredonia, Kansas
Humboldt Brick & Tile Co.	Brick and tile	Humboldt, Allen County	P. O. Box 97, Humboldt, Kansas
Kansas Brick & Tile Co.	Brick and tile	Hoisington, Barton County	Hoisington, Kansas
Pittsburg Pottery	Pottery	Pittsburg, Crawford County	P. O. Box 5, Pittsburg, Kansas
Pomona Tile Co.	Wall tile	Arkansas City, Cowley County	Arkansas City, Kansas

KANSAS COAL PRODUCERS

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Bell Coal Co.	Burlingame	Osage
Black Diamond Coal Co.	Weir	Cherokee
Clemens Coal Co.	320 N. Locust St. , Pittsburg	Crawford
Cliff-Carr Coal Co.	Route 1, Mulberry	Crawford
Fyock Coal Co.	Prescott	Linn
Palmer & Sons Coal Co.	Mulberry	Crawford
Pittsburg-Midway Coal Co.	Hanover Building, 15 W. 10th St. , Kansas City, Missouri	Cherokee
S. L. Rogers Coal Co.	Lebo	Coffey
Wilkinson Coal Co.	Weir	Cherokee

KANSAS DIATOMACEOUS MARL PRODUCER

<u>Producer</u>	<u>Processing plant</u>	<u>Pit location</u>	<u>Home office</u>
National Lead Co. (De Lore Division)	Edson, Sherman County (P. O. Box 588, Edson, Kansas)	Northeastern Wallace County	P. O. Box 2808, 2800 Carondelet Station, St. Louis, Missouri

KANSAS GYPSUM PRODUCERS

<u>Producer</u>	<u>Product</u>	<u>Plant and mine location</u>	<u>Home office</u>
Bestwall Gypsum Co.	Plaster and plaster products	Blue Rapids, Marshall County	120 E. Lancaster Ave. , Ardmore, Pennsylvania
National Gypsum Co.	Plaster and plaster products	Medicine Lodge, Barber County	325 Delaware Ave. , Buffalo, New York

KANSAS LEAD AND ZINC PRODUCERS

<u>Producer</u>	<u>Address</u>	<u>Mine location</u>
Black Mining Co. , "Goldenrod 24"	Cardin, Oklahoma	Cherokee County, Kansas
Eagle-Picher Co. , "Grace B' , "Westside"	Cardin, Oklahoma	Cherokee County, Kansas
Enders Mining Co. , "Midcontinent"	P. O. Box 241, Picher, Oklahoma	Cherokee County, Kansas
Mid-Continent Lead & Zinc Co. , "Big John"	Baxter Springs, Kansas	Cherokee County, Kansas
Residue Mining Co. , "Lucky Jew"	Picher, Oklahoma	Cherokee County, Kansas

KANSAS SALT PRODUCERS

<u>Producer</u>	<u>Product</u>	<u>Plant and mine (or well) location</u>	<u>Office address</u>
American Salt Corp.	Rock salt and evaporated salt	Lyons, Rice County	630 New York Life Building, Kansas City, Missouri
The Barton Salt Co.	Evaporated salt	Hutchinson, Reno County	P. O. Box 989, Hutchinson, Kansas
The Carey Salt Co.	Rock salt and evaporated salt	Hutchinson, Reno County	1800 Carey Boulevard, Hutchinson, Kansas
Frontier Chemical Co. of Kansas, Inc. , (Div. of Vulcan Materials Co.)	Captive salt brine for processing chemicals	Wichita, Sedgwick County	P. O. Box 545, Wichita, Kansas
Independent Salt Co.	Rock salt	Kanopolis, Ellsworth County	4115 Packers Ave. , Chicago, Illinois
Morton Salt Co.	Evaporated salt	Hutchinson, Reno County	110 N. Wacker Drive, Chicago, Illinois
Pawnee Salt Corp.	Evaporated salt	Pawnee Rock, Barton County	Great Bend, Kansas

KANSAS SAND AND GRAVEL PRODUCERS . . . LISTED ALPHABETICALLY BY NAME OF PRODUCER
 (Address of producer in Kansas unless otherwise noted.)

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Adkins, Herb	P. O. Box 1238, Elgin	Chautauqua
Alsop, John H. Sand Co.	11th & "M" St. , Belleville	Clay, Republic
Alsop Sand Co.	1207 Pinecrest St. , Garden City	Clay, Finney
American Sand & Material Co.	4600 Speaker Rd. , Kansas City	Wyandotte
Anderson County Highway Department	Garnett	Anderson
Anderson-Oxandale	P. O. Box 425, Herington	Dickinson, Nemaha, Pottawatomie
Andrews Sand & Gravel Co.	P. O. Box 314, 1215 W. Madison St. , Arkansas City	Cowley
Arensman Sand & Gravel Co.	Raymond	Rice
Arkansas Sand & Gravel Co.	3601 23rd St. , Great Bend	Barton
Asphalt Construction Co.	St. Paul	Harper
Associated Mat'l. & Supply Co. , Inc.	6015 N. Broadway, Wichita	Sedgwick
Atchison County Highway Department	Atchison	Atchison
Barber County Highway Department	Medicine Lodge	Barton
Barnes Sand Co.	Route 4, Topeka	Coffey, Shawnee
Barton County Highway Department	P. O. Box 46, Great Bend	Barton
Bazone, Sam Sand Co.	Hugoton	Stevens
Bentley Sand Co.	Bentley	Sedgwick
Bentley, Roderic Sand & Gravel	Shields	Gove
Big Three Sand & Gravel Co.	2010 N. Market St. , Wichita	Sedgwick
Bigbee, Ray	Grinnell	Gove
Blue River Sand & Gravel Co.	P. O. Box 38, Blue Rapids	Marshall
Boethin Sand Co.	Stockton	Rooks
Bollinger Sand Service	Quinter	Gove
Bowersock Mills & Power Co.	546 Massachusetts St. , Lawrence	Douglas
Broce Construction Co.	Dodge City	Clark
Bryant Sand Co.	Burrton	Harvey

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Builders Sand Co.	P. O. Box 658, Argentine Station Kansas City	Johnson, Wyandotte
Builders Sand Co.	2602 W. Central St. , Wichita	Sumner
Butler County Highway Department	El Dorado	Butler
Carlisle Sand & Gravel	225 W. Pine St. , Liberal	Seward
Carr Rock Products Co.	P. O. Box 71, Arkansas City	Cowley
Central Kansas Sand, Inc.	Mentor	Saline
Chase County Highway Department	Cottonwood Falls	Chase
Cheyenne County Highway Department City Manager	St. Francis Hutchinson	Cheyenne Reno
Clark County Highway Department	Ashland	Clark
Clay Center Concrete Sand Co.	8th & McBratney St. , Clay Center	Clay
Clary, Orville	Hill City	Graham
Clevenger, Howard	Leoti	Wichita
Cloud County Highway Department	Concordia	Cloud
Coffey County Highway Department	Burlington	Coffey
Comanche County Road Department	Coldwater	Comanche
Consumers Sand Co.	1101 W. Railroad St. , Topeka	Shawnee
Covert, Howard	Alton	Osborne, Rooks
Cowley County Highway Department	Winfield	Cowley
Craemer, Boyd	Portis	Osborne
Davis & Sons Sand Sales	713 Sunnyside, Route 1, Dodge City	Ford
Decatur County Highway Department	Oberlin	Decatur
Dirks, James Sand & Gravel	Pawnee Rock	Barton
Dodge City Sand Co.	P. O. Box 430, E. Cherry St. , Dodge City	Ford
Dolese Brothers Co.	218 W. 2nd St. , Wichita	Sedgwick
Doniphan County Highway Department	Troy	Brown, Doniphan

SAND AND GRAVEL . . . continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
DuBois & Stone Sand Co.	P. O. Box 872, Great Bend	Barton, Haskell
Ellis County Highway Department	Ellis	Ellis
Ellsworth County Highway Department	Ellsworth	Ellsworth
Finlayson Gravel & Ready-Mix	Barnes	Washington
Finney County Road Department	Courthouse, Garden City	Finney
Fountain Sand Pit	Arlington	Reno
Franklin County Highway Department	Ottawa	Franklin
Fyfe Sand & Gravel Co.	Route 3, Concordia	Clay, Cloud
Clary, Orville E.	Hill City	Graham
Garrett, C. V.	Blue Rapids	Marshall
Gaunt, Burl	106 W. Hackney St. , Medicine Lodge	Barber
Globe Construction Co.	1041 N. Water St. , Wichita	Sedgwick
Gove County Highway Department	Gove	Gove
Grant County Road Department	P. O. Box 1192, Ulysses	Grant, Haskell, Kearny, Stevens
Gravel Products, Inc.	Nickerson	Reno
Gray County Highway Department	Cimarron	Gray
Greeley County Road Department	Tribune	Greeley
Haigh Sand & Gravel	Beloit	Mitchell
Harper County Highway Department	Courthouse, Anthony	Harper
Hartman, Ed, Contractor	P. O. Box 437, Beloit	Mitchell
Haskell County Road Department	Sublette	Haskell
Haven Sand Co.	Haven	Reno
Heinzelman Construction Co.	506 W. 10th St. , Marysville	Marshall
Hi-Grade Sand Co.	Harper	Harper
Hill City Ready-Mix Co.	Hill City	Graham
Hodgeman County Highway Department	Jetmore	Hodgeman
Hoffman, Walter	Kanopolis	Ellsworth

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Hogard, Mrs. Blanche V.	507 S. Mound St. , Pratt	Pratt
Holliday Sand & Gravel Co.	P. O. Box 276, Bonner Springs	Douglas, Johnson, Wyandotte
Hoskinson Sand & Gravel Co.	1517 Woodlawn St. , Hutchinson	Reno
Hubbard Sand & Gravel	800 N. Range St. , Colby	Thomas
Hunter Ready Mix Co. , Inc.	Hays	Ellis
Hy-Grade Construction Materials Co.	St. Paul	Neosho
J & H Sand Co.	6700 S. Hydraulic St. , Wichita	Sedgwick
Jackson County Highway Department	Holton	Jackson
Johnson Sand & Gravel Co.	P. O. Box 545, Larned	Pawnee
Junction City Sand & Gravel Co.	Route 3, Junction City	Geary
Kaminska, Charles	P. O. Box 102, Medicine Lodge	Barber
Kansas Sand Co. , Inc.	531 N. Tyler St. , Topeka	Shawnee
Kaw Valley Sand Co.	3800 Kansas Ave. , Kansas City	Wyandotte
Kearny County Road Department	P. O. Box 346, Lakin	Kearny
Kearny Gravel Co.	Lakin	Kearny
Keeler, Walt Co. , Inc.	826 E. Lincoln St. , Wichita	Sedgwick
Kerford, G.W. Quarry Co.	P. O. Box 277, Atchison	Atchison
Kerr Sand Co.	Cimarron	Gray
Kershaw Ready-Mix Concrete & Sand Co. , Inc.	P. O. Box 668, Manhattan	Riley
Kingman County Road Department	Kingman	Kingman
Kingman Sand Co.	Route 1, Kingman	Kingman
Kinsley Sand & Gravel Co.	Kinsley	Edwards
Kiowa County Highway Department	Greensburg	Kiowa
Klaus, Anton Block Co.	Hays	Ellis
Klepper, Clifford Sand Co.	Clafflin	Barton
Larned Sand & Gravel Co.	Route 2, P. O. Box 227, Larned	Pawnee
Leeper, Dave	Protection	Comanche
Lewis, Bert B. & L. W.	Kinsley	Edwards

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Linn County Highway Department	Mound City	Linn
Logan County Highway Department	Russell Springs	Logan
Lucas Gravel Co.	Leon	Butler
Lyon County Highway Department	Emporia	Chase, Lyon, Morris
Marcy, Jim Sand & Gravel	Vermillion	Nemaha
Marshall County Highway Department	Marysville	Marshall
Martin, William	Tribune	Greeley
Material Products, Inc.	Lincoln	Lincoln
McFarland Gravel Co.	720 N. "D" St. , Arkansas City	Cowley
McPherson County Highway Department	McPherson	McPherson
Meade County Highway Department	Meade	Meade
Miles Sand, Inc.	4857 N. Meridian St. , Wichita	Sedgwick
Miller Sand & Gravel Co.	Route 1, Dodge City	Ford
Miller Sand & Gravel Co.	Route 2, Pratt	Pratt
Missouri Valley Sand, Inc.	P. O. Box 89, Leavenworth	Leavenworth
Moos Sand, Inc.	Route 1, Great Bend	Barton, Pawnee
More Sand Co. , Inc.	Route 3, Junction City	Geary
Morton, Ivan R. Sand & Gravel	P. O. Box 213, Oberlin	Decatur
Mount Hope Sand & Gravel	Mount Hope	Reno
Mueller Brothers Sand & Gravel	P. O. Box 57, Hanover	Washington
Mulvane Sand Co. , Inc.	P. O. Box 2383, N. Wichita Station, Wichita	Sumner
Murphy, Dale	Goodland	Sherman
Myers, George M. , Inc. Myers Materials Co.	Arkansas City	Cowley
Ness County Highway Department	Ness City	Ness
New Era Sand & Gravel Co.	St. Francis	Cheyenne
North Plains Sand & Gravel Co.	Perryton, Texas	Meade

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Osborne County Highway Department	Osborne	Osborne
Oxford Sand & Gravel Co.	P. O. Box 266, Oxford	Cowley
Parks, Wesley	648 Oak St. , Emporia	Lyon
Partin Sand & Gravel Co.	P. O. Box 274, Stafford	Stafford
Paving Contractors	6405 E. Kellogg St. , Wichita	Sedgwick
Pawnee County Highway Department	Larned	Pawnee
Peck-Woolf Sand Co.	7301 Kaw Drive, Muncie	Wyandotte
Phillips County Highway Department	Phillipsburg	Phillips
Popejoy Sand & Gravel	Ulysses	Kearny, Seward
Pratt County Highway Department	Courthouse, Pratt	Pratt
Provence Sand & Gravel Co.	6600 W. 13th St. , Wichita	Sedgwick
Rawlins County Highway Department	Atwood	Rawlins
Reece-Johnson, Inc.	Scandia	Republic
Reno Construction Co.	P. O. Box 61, Overland Park	Nemaha
Republic County Highway Department	Belleville	Republic
Reimer, Willis	Selkirk	Wichita
Rhoads, Walt Sand & Gravel Co.	615 W. 10th St. , Goodland	Sherman
River Sand Co.	P. O. Box 233, Water Works Drive, Topeka	Shawnee
Riverside Sand & Gravel	Satanta	Haskell
Robbins, Robert	107 N. Ottawa, Minneapolis	Ottawa
Roberts, Dale	Gove	Gove
Rock Hill Stone & Gravel Co. , Inc.	P. O. Box 262, Sterling	Geary, Gray, Reno, Rice
Rottinghaus, Justin Gravel Co.	Baileyville	Nemaha
Rush County Highway Department	P. O. Box C, La Crosse	Ellis, Rush
Russell County Highway Department	P. O. Box 415, Russell	Russell
Salina Sand Co. , Inc.	Mentor	Saline

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
San Ore Construction Co. , Inc.	P. O. Box 417, McPherson	Barber, Edwards, Ellsworth, Graham, Harper, Lincoln, Pratt
Schmidtberger, Lewis C.	P. O. Box 93, Victoria	Ellis
Schraeder Brothers	Rush Center	Rush
Seacat Sand & Excavation	409 W. Lincoln St. , Greensburg	Kiowa
Seward County Highway Department	Liberal	Seward
Shears, J. H. Sons, Inc.	Route 4, Hutchinson	Lincoln, Reno
Sheridan County Highway Department	Hoxie	Sheridan
Sherman County Highway Department	Courthouse, Goodland	Sherman
Shoffner Sand & Gravel Co.	P. O. Box 266, Solomon	Dickinson, Ellsworth, Saline
Siebert Sand Co. , Inc.	P. O. Box 10, Ness City	Logan, Ness, Phillips, Thomas, Trego, Wallace
Smith Sand Co.	310 N. 11th St. , Garden City	Kearny
Smith Sand Co. , Inc.	P. O. Box 391, 1206 E. Fulton St. , Garden City	Finney
Southwest Sand Co.	P. O. Box 433, Garden City	Finney
Southwest Sand, Inc.	4605 S. W. Blvd. , Wichita	Sedgwick
Stafford County Highway Department	St. John	Stafford
Stanton, Raymond	Ransom	Trego
Staley, Marvin Sand Co.	Highway 281 S. , Russell	Russell
State Highway Commission	Topeka (Local: Russell Springs)	Various producers
Steele, J. E. Sand Co.	1400 N. Halstead St. , Hutchinson	Reno
Stevens County Engineer	P. O. Box 1176, Hugoton	Haskell
Stewart Sand & Material Co.	4049 Pennsylvania St. , Kansas City, Missouri	Wyandotte
Stoppel Construction Co.	Wilson	Ellsworth
Sumner County Highway Department	Wellington	Sumner
Superior Sand & Gravel Co.	P. O. Box 145, Muncie	Wyandotte

SAND AND GRAVEL continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Superior Sand Co., Inc.	Route 7, 6500 W. 21st. St., Wichita	Sedgwick
Syracuse Redi-Mix Co.	Syracuse	Hamilton
Syracuse Sand & Gravel	Syracuse	Hamilton
Thomas County Road Department	Colby	Thomas
Tinkle Sand Co.	Claflin	Barton
Tobias & Birchenough, Inc.	P. O. Box 470, Lyons	Rice
Topeka Sand Co.	Route 4, Topeka	Shawnee
Trego County Highway Department	Wakeeney	Trego
Truhlar, Steve	1213 Spring St., Ellsworth	Ellsworth
Uhlig & Reise	1211 Walnut St., Seneca	Nemaha
Vie's Sand & Gravel Co.	6600 W. 21st. St., Wichita	Sedgwick
Victory Sand & Stone Co.	P. O. Box 281, Foot of Waite, Topeka	Shawnee
Vieux, Orie	Greensburg	Kiowa
Wallace County Highway Department	Sharon Springs	Wallace
Wamego Sand Co.	P. O. Box 164, Wamego	Pottawatomie, Wabaunsee
Washington County Highway Department	Washington	Washington
Wells, Ray Sand & Gravel	Route 1, Kingman	Kingman
Werth, Larry Sand Co.	Route 2, Box 45, Hays	Ellis
Werth, Marvin J. Sand & Gravel Co.	Schoenchen	Ellis
Whitfield Sand & Gravel Co.	Route 2, P. O. Box 66, Pratt	Barber, Pratt
Whitney Sand Co.	Kearney, Nebraska	Cheyenne
Wichita Big River Sand Co.	45th St. S., Wichita	Sedgwick
Wichita County Highway Department	Leoti	Wichita
Willis, Mrs. W. E.	Leoti	Wichita
Wilson Brothers Gravel	Route 3, P. O. Box 59, Arkansas City	Cowley

SAND AND GRAVEL . . . continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Wilson County Highway Department	Fredonia	Wilson, Woodson
Wolford, June	Iola	Allen
York Sand Co.	P. O. Box 306, Sedgwick	Sedgwick

KANSAS SAND AND GRAVEL PRODUCERS . . . LISTED BY COUNTY

(Address of producers in Kansas unless otherwise noted.)

(State Highway Commission not included in county list.)

Allen

Wolford, June, Iola

Anderson

Atchison County Highway Department, Atchison

Kerford, G. W. Quarry Co., P. O. Box 277, Atchison

Barber

Barber County Highway Department, Medicine Lodge

Gaunt, Burl, 106 W. Hackney St., Medicine Lodge

Kaminska, Charles, P. O. Box 102, Medicine Lodge

San Ore Construction Co., Inc., P. O. Box 417,
McPherson

Whitfield Sand & Gravel Co., Route 2, P. O. Box 266,
Pratt

Barton

Arkansas Sand & Gravel Co., 3601 23rd St., Great
Bend

Barton County Highway Department, P. O. Box 46,
Great Bend

Dirks, James Sand & Gravel, Pawnee Rock

DuBois & Stone Sand Co., P. O. Box 872, Great Bend

Klepper, Clifford Sand Co., Claflin

Moos Sand, Inc., Route 1, Great Bend

Tinkle Sand Co., Claflin

Brown

Doniphan County Highway Department, Troy

Butler

Butler County Highway Department, El Dorado

Butler, continued

Lucas Gravel Co., Leon

Chase

Chase County Highway Department, Cottonwood Falls

Lyon County Highway Department, Emporia

Chautauqua

Adkins, Herb, P. O. Box 1238, Elgin

Cheyenne

Cheyenne County Highway Department, St. Francis

New Era Sand & Gravel Co., 401 S. River, St. Francis

Whitney Sand Co., Kearney, Nebraska

Clark

Broce Construction Co., Dodge City

Clark County Highway Department, Ashland

Clay

Alsop Sand Co., 11th & Main St., Belleville

Clay Center Concrete & Sand Co., 8th & McBratney St.,
Clay Center

Fyfe Sand & Gravel Co., Route 3, Concordia

Cloud

Cloud County Highway Department, Concordia

Fyfe Sand & Gravel Co., Route 3, Concordia

Coffey

Barnes Sand Co., Route 4, Topeka

SAND AND GRAVEL continued

Coffey, continued

Coffey County Highway Department, Burlington

Comanche

Comanche County Road Department, Coldwater

Leeper, Dave, Protection

Cowley

Andrews Sand & Gravel Co. , 1215 W. Madison St. ,
P.O. Box 314, Arkansas City

Carr Rock Products Co. , P.O. Box 71, Arkansas
City

Cowley County Highway Department, Winfield

McFarland Gravel Co. , 720 N. "D" St. , Arkansas
City

Myers, George M. , Inc. , Myers Materials Co. ,
Arkansas City

Oxford Sand & Gravel Co. , P.O. Box 266, Oxford

Wilson Brothers Gravel, Route 3, P.O. Box 59,
Arkansas City

Decatur

Decatur County Highway Department, Oberlin

Morton, Ivan R. Sand & Gravel, P.O. Box 213,
Oberlin

Dickinson

Anderson-Oxandale, P.O. Box 425, Herington

Shoffner Sand & Gravel Co. , P.O. Box 266, Solomon

Doniphan

Doniphan County Highway Department, Troy

Douglas

Bowersock Mills & Power Co. , 546 Massachusetts
St. , Lawrence

Douglas, continued

Holiday Sand & Gravel Co. , P.O. Box 276, Bonner
Springs

Edwards

Kinsley Sand & Gravel Co. , Kinsley

Lewis, Bert B. & L.W. , Kinsley

San Ore Construction Co. , Inc. , P.O. Box 417,
McPherson

Ellis

Ellis County Highway Department, Hays

Hunter Ready Mix Co. , Inc. , Hays

Klaus, Anton Block Co. , Hays

Rush County Highway Department, P.O. Box C,
La Crosse

Schmidtberger, Lewis C. , P.O. Box 93, Victoria

Werth, Larry, Route 2, Box 45, Hays

Werth, Marvin J. Sand & Gravel Co. , Schoenchen

Ellsworth

Ellsworth County Highway Department, Ellsworth

Hoffman, Walter, Kanopolis

San Ore Construction Co. , Box 417, McPherson

Shoffner Sand Co. , P.O. Box 266, Solomon

Stoppel Construction Co. , Wilson

Truhlar, Steve, 1213 Spring St. , Ellsworth

Finney

Alsop Sand Co. , 1207 Pinecrest St. , Garden City

Finney County Road Department, Courthouse, Garden
City

Smith Sand Co. , Inc. , P.O. Box 391, 1206 E. Fulton
St. , Garden City

SAND AND GRAVEL continued

Finney, continued

Southwest Sand Co. , P. O. Box 433, Garden City

Ford

Davis & Sons Sand Sales, Route 1, 713 Sunnyside,
Dodge City

Dodge City Sand Co. , P. O. Box 430, E. Cherry St. ,
Dodge City

Miller Sand & Gravel Co. , Route 1, Dodge City

Franklin

Franklin County Highway Department, Ottawa

Geary

Junction City Sand & Gravel Co. , Route 3, Junction
City

More Sand Co. , Inc. , Route 3, Junction City

Rock Hill Stone & Gravel Co. , Inc. , P. O. Box 262,
Sterling

Gove

Bentley, Roderic Sand & Gravel, Shields

Bigbee, Ray, Grinnell

Bollinger Sand Service, Quinter

Gove County Highway Department, Gove

Roberts, Dale, Gove

Graham

Clary, Orville, Hill City

Hill City Ready-Mix Co. , Hill City

San Ore Construction Co. , Inc. , P. O. Box 417,
McPherson

Grant

Grant County Road Department, P. O. Box 1192,
Ulysses

Gray

Gray County Highway Department, Cimarron

Kerr Sand Co. , Cimarron

Rock Hill Stone & Gravel Co. , Inc. , P. O. Box 262,
Sterling

Greeley

Greeley County Road Department, Tribune

Martin, William, Tribune

Hamilton

Syracuse Sand & Redi-Mix Co. , 107 N. Elizabeth,
Syracuse

Syracuse Sand & Gravel, Syracuse

Harper

Asphalt Construction Co. , St. Paul

Harper County Highway Department, Courthouse, Anthony

Hi-Grade Sand Co. , Harper

San Ore Construction Co. , Inc. , P. O. Box 417,
McPherson

Harvey

Bryant Sand Co. , Burrton

Haskell

DuBois & Stone Sand Co. , Great Bend

Grant County Road Department, P. O. Box 1192, Ulysses

Haskell County Road Department, Sublette

Riverside Sand & Gravel, Satanta

Stevens County Engineer, P. O. Box 1176, Hugoton

Hodgeman

Hodgeman County Highway Department, Jetmore

SAND AND GRAVEL continued

Jackson

Jackson County Highway Department, Holton

Johnson

Builders Sand Co., P. O. Box 658, Argentine Station,
Kansas City

Holliday Sand & Gravel Co., P. O. Box 276,
Bonner Springs

Kearny

Grant County Road Department, P. O. Box 1192,
Ulysses

Kearny County Road Department, P. O. Box 346,
Lakin

Kearny Gravel Co., Lakin

Popejoy Sand & Gravel Co., Ulysses

Kingman

Kingman County Road Department, Kingman

Kingman Sand Co., Route 1, Kingman

Wells, Ray Sand & Gravel, Route 1, Kingman

Kiowa

Kiowa County Highway Department, Greensburg

Seacat Sand & Excavation Co., 409 W. Lincoln St.,
Greensburg

Vieux, Orié, Greensburg

Leavenworth

Missouri Valley Sand, Inc., P. O. Box 89, Leaven-
worth

Lincoln

Material Products, Inc., Lincoln

Lincoln, continued

San Ore Construction Co., P. O. Box 417, McPherson

Linn

Linn County Highway Department, Mound City

Logan

Logan County Highway Department, Russell Springs

Siebert Sand Co., Ness City

Lyon

Lyon County Highway Department, Emporia

Parks, Wesley, 648 Oak St., Emporia

Marshall

Blue River Sand & Gravel Co., P. O. Box 38,
Blue Rapids

Garrett, C. V., Blue Rapids

Heinzelman Construction Co., 506 S. 10th St.,
Marysville

Marshall County Highway Department

McPherson

McPherson County Highway Department, McPherson

Meade

Meade County Highway Department, Meade

North Plains Sand & Gravel Co., Perryton, Texas

Mitchell

Haigh Sand & Gravel, Beloit

Hartman, Ed, Contractor, P. O. Box 437, Beloit

SAND AND GRAVEL . . . continued

Morris

Lyon County Highway Department, Emporia

Nemaha

Anderson-Oxandale, P. O. Box 425, Herington

Marcy, Jim Sand & Gravel, Vermillion

Reno Construction Co., P. O. Box 61, Overland Park

Rottinghaus, Justin Gravel Co., Baileyville

Uhlig & Reise, 1211 Walnut St., Seneca

Neosho

Hy-Grade Construction Materials Co., St. Paul

Ness

Ness County Highway Department, Ness City

Siebert Sand Co., P. O. Box 10, Ness City

Norton

Norton County Highway Department, Norton

Osborne

Covert, Howard, Alton

Craemer, Boyd, Portis

Osborne County Highway Department, Osborne

Ottawa

Robbins, Robert, 107 N. Ottawa, Minneapolis

Pawnee

Johnson Sand & Gravel Co., P. O. Box 545, Larned

Larned Sand & Gravel Co., Route 2, P. O. Box 227, Larned

Moos Sand, Inc., Route 1, Great Bend

Pawnee, continued

Pawnee County Highway Department, Larned

Phillips

Phillips County Highway Department, Phillipsburg

Pottawatomie

Anderson-Oxandale, P. O. Box 425, Herington

Wamego Sand Co., P. O. Box 164, Wamego

Pratt

Hogard, Mrs. Blanche V., 507 S. Mound St., Pratt

Miller Sand & Gravel, Route 2, Pratt

Pratt County Highway Department, Courthouse, Pratt

San Ore Construction Co., P. O. Box 417, McPherson

Whitfield Sand Co., Route 2, P. O. Box 66, Pratt

Rawlins

Rawlins County Highway Department, Atwood

Reno

City Manager, Hutchinson

Fountain Sand Pit, Arlington

Gravel Products, Inc., Nickerson

Haven Sand Co., Haven

Hoskinson Sand & Gravel Co., 1517 Woodlawn St., Hutchinson

Mount Hope Sand & Gravel, Mount Hope

Rock Hill Stone & Gravel Co., Inc., P. O. Box 262, Sterling

Shears Sand Plant, Inc., Route 4, Hutchinson

Steele, J. E. Sand Co., 1400 N. Halstead St., Hutchinson

SAND AND GRAVEL continued

Republic

Alsop, John H. Sand Co. , 11th & Main St. , Belleville
Reece-Johnson, Inc. , Scandia
Republic County Highway Department, Belleville

Rice

Arensman Sand & Gravel Co. , Raymond
Rock Hill Stone & Gravel Co. , Inc. , P. O. Box 262,
Sterling
Tobias & Birchenough, Inc. , P. O. Box 470, Lyons

Riley

Kershaw Ready-Mix Concrete & Sand Co. , Inc. ,
P. O. Box 668, Manhattan

Rooks

Boethin Sand Co. , Stockton
Covert, Howard, Alton

Rush

Rush County Highway Department, La Crosse
Schraeder Brothers, Rush Center

Russell

Russell County Highway Department, P. O. Box 415,
Russell
Staley, Marvin Sand Co. , Highway 281 S. , Russell

Saline

Central Kansas Sand, Inc. , Mentor
Salina Sand Co. , Inc. , Mentor
Shoffner Sand & Gravel Co. , P. O. Box 266, Solomon

Sedgwick

Associated Material & Supply Co. , Inc. ,
P. O. Box 2383, 6015 N. Broadway, Wichita
Bentley Sand Co. , Bentley
Big Three Sand & Gravel Co. , 2010 N. Market St. ,
Wichita
Dolese Brothers Co. , 218 W. 2nd St. , Wichita
Globe Construction Co. , 1041 N. Water St. , Wichita
J & H Sand Co. , 6700 S. Hydraulic St. , Wichita
Keeler, Walt Co. , Inc. , 826 E. Lincoln St. , Wichita
Miles Sand, Inc. , 4857 N. Meridian St. , Wichita
Paving Contractors, 6405 E. Kellogg St. , Wichita
Provence Sand & Gravel Co. , 6600 W. 13th St. , Wichita
Southwest Sand, Inc. , 4605 S.W. Blvd. , Wichita
Superior Sand Co. , Inc. , 6500 W. 21st St. , Route 7,
Wichita
Vic's Sand & Gravel Co. , 6600 W. 21st St. , Wichita
Wichita Big River Sand Co. , 45th St. S. , Wichita
York Sand Co. , P. O. Box 306, Sedgwick

Seward

Carlisle Sand & Gravel, 225 W. Pine St. , Liberal
Popejoy Construction Co. , Ulysses
Seward County Highway Department, Liberal

Shawnee

Barnes Sand Co. , Route 4, Topeka
Consumers Sand Co. , 1101 W. Railroad St. , Topeka
Kansas Sand Co. , Inc. , 531 N. Tyler St. , Topeka
River Sand Co. , P. O. Box 233, Water works Drive,
Topeka
Topeka Sand Co. , Route 4, Topeka
Victory Sand & Stone Co. , P. O. Box 281, Foot of
Waite, Topeka

SAND AND GRAVEL continued

Sheridan

Sheridan County Highway Department, Hoxie

Sherman

Murphy, Dale, Goodland

Rhoads, Walt Sand & Gravel Co. , 615 W. 10th St. ,
Goodland

Sherman County Highway Department, Courthouse,
Goodland

Stafford

Partin Sand & Gravel Co. , P.O. Box 274, Stafford

Stafford County Highway Department, St. John

Stevens

Bazone, Sam Sand Co. , Hugoton

Grant County Road Department, Ulysses

Sumner

Builders Sand Co. , 2602 W. Central, Wichita

Mulvane Sand Co. , Inc. , P.O. Box 2383, N. Wichita
Station, Wichita

Sumner County Highway Department, Wellington

Thomas

Hubbard Sand & Gravel, 800 N. Range St. , Colby

Siebert Sand Co. , P.O. Box 10, Ness City

Thomas County Road Department, Colby

Trego

Siebert Sand Co. , P.O. Box 10, Ness City

Stanton, Raymond, Ransom

Trego County Highway Department, WaKeeney

Wabaunsee

Wamego Sand Co. , P.O. Box 164, Wamego

Wallace

Siebert Sand & Gravel Co. , P.O. Box 10, Ness City

Wallace County Highway Department, Sharon Springs

Washington

Finlayson Gravel & Ready-Mix, Barnes

Mueller Brothers Sand & Gravel Co. , P.O. Box 57,
Hanover

Washington County Highway Department, Washington

Wichita

Clevenger, Howard, Leoti

Reimer, Willis, Selkirk

Wichita County Highway Department, Leoti

Willis, Mrs. W. E. , Leoti

Wilson

Wilson County Highway Department, Fredonia

Woodson

Wilson County Highway Department, Fredonia

Wyandotte

American Sand & Material Co. , 4600 Speaker Road,
Kansas City

Builders Sand Co. , P.O. Box 658, Argentine Station,
Kansas City

Holliday Sand & Gravel Co. , P.O. Box 276, Bonner
Springs

Kaw Valley Sand Co. , 3800 Kansas Ave. , Kansas City

Peck-Woolf Sand Co. , 7301 Kaw Drive, Muncie

SAND AND GRAVEL continued

Wyandotte, continued

Stewart Sand & Material Co. , 4049 Pennsylvania St. ,
Kansas City, Missouri

Superior Sand & Gravel Co. , P. O. Box 145, Muncie

KANSAS STONE PRODUCERS . . . LISTED ALPHABETICALLY BY NAME OF PRODUCER

(Address of producer in Kansas unless otherwise noted.)

CRUSHED ROCK

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Adkins, Herb	P. O. Box 1238, Elgin	Chautauqua
Allen County Highway Department	Iola	Allen
Anderson-Oxandale	P. O. Box 425, Herington	Chase, Coffey, Dickinson, Geary, Graham, Jackson, Marshall, Morria, Norton, Phillips, Pottawatomie, Rawlins, Smith
Army, Department of the	Fort Riley	Riley
Atchison County Highway Department	P. O. Box 373, Atchison	Atchison
Atwood Sand & Rock	Atwood	Rawlins
Aubel Asphalt Co.	P. O. Box 261, Hays	Ellis, Trego
Baker, G. W.	Holton	Jackson, Marshall, Nemaha, Shawnee, Wabaunsee
Baker, Roy Quarry, Inc.	Valley Falls	Jefferson
Bayer Construction Co., Inc.	P. O. Box 889, 509 Yuma St., Manhattan	Clay, Geary, Marshall Pottawatomie, Riley
Benedict Rock & Lime Co.	Benedict	Wilson
Bromley & Sons Quarry	1100 Julia St., Atchison	Atchison
Byers, Harry & Sons, Inc.	500 N. Plummer St., Chanute	Neosho
Carr Rock Products Co.	P. O. Box 117, Neodesha	Butler, Labette, Montgomery, Wilson
Chase County Highway Department	Herington	Chase
Clark Rock Quarry	Baldwin	Douglas
Cloud County Highway Department	Concordia	Cloud
Concrete Materials Division, Martin-Marietta Corp.	P. O. Box 790, Cedar Rapids, Iowa	Atchison, Butler, Doniphan, Douglas, Elk, Franklin, Geary, Jefferson, Leavenworth, Lyon, Osage, Pottawatomie, Riley, Shawnee, Wabaunsee
Cullor Limestone Co., Inc.	20th & Sidney St., Fort Scott	Bourbon
Daniels Stone Co., Inc.	1711 E. 9th St., Winfield	Cowley

STONE continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Deitz-Hill Development Co.	P. O. Box 4, Kansas City, Missouri	Johnson
Eagle-Picher Co.	Cardin, Oklahoma	Cherokee
Elam, Jack V.	Winfield	Cowley
Ellis County Highway Department	Hays	Ellis
Everett Quarries, Inc.	Wathena	Doniphan
Fogle Quarry	18th & Main St. , Ottawa	Franklin
Fort Scott Hydraulic Cement Co.	P. O. Box 267, Fort Scott	Bourbon
Giles, Lee	Greeley	Linn, Miami
Greenwood County Highway Department	Eureka	Greenwood
H & S Rock Co.	Route 1, Elk City	Montgomery
Hamm, N. R. Limestone Quarry, Inc.	Perry	Jefferson, Shawnee
Hayes Quarries	Route 1, Paola	Miami
Hunt Rock Co.	Route 4, P. O. Box 123, Garnett	Anderson
Jewell County Highway Department	Mankato	Jewell
Jones Construction & Material Co.	P. O. Box M, Emporia	Coffey, Lyon
Jones, W. S. Rock Co.	P. O. Box 711, Emporia	Coffey, Lyon
Keeler, Walt Co. , Inc.	826 E. Lincoln St. , Wichita	Marion
Keith, Harry	1602 W. 7th St. , Coffeyville	Labette
Kerford, G. W. Quarry Co.	P. O. Box 277, Atchison	Atchison
Killough & Clark Rock Co.	Ottawa	Anderson, Franklin
Konkrete Bloc Co.	Atwood & St. Francis	Rawlins
Koppes Brothers Quarries	Marysville	Marshall
Kunshak Chat & Coal Co.	Pittsburg	Allen
Labette County Highway Department	Oswego	Labette
Luttjohann, Henry C.	Route 8, Topeka	Shawnee
Lyon County Highway Department	Emporia	Morris

STONE continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Mid-Continent Stone & Construction Co.	1961 N. Industrial Blvd, Dallas Texas	Atchison
Morris County Highway Department	Council Grove	Morris
Murray Limestone Products	P. O. Box 153, Pleasanton	Anderson, Butler, Linn
Myers, George M., Inc.	P. O. Box 911, 1224 W. 6th St., El Dorado	Butler, Greenwood
Nelson Quarries	La Harpe	Allen, Coffey, Montgomery, Woodson
Neosho County Highway Department	Erie	Neosho
Neosho Valley Rock Co.	Burlington	Coffey
Ness County Highway Department	Ness City	Ness
O'Brien Rock Crusher	St. Paul	Neosho
Osborne County Highway Department	Osborne	Osborne
Paxon, Carroll	Burlington	Coffey
Phillips County Highway Department	Phillipsburg	Phillips
Quarrying & Constructing	5560 E. 56th Ave., Denver, Colorado	Phillips
Quartzite Stone Co., Inc.	Lincoln	Lincoln
Reno Construction Co.	P. O. Box 61, Overland Park	Johnson, Linn
Republic County Highway Department	Belleville	Republic
Rice County Highway Department	Lyons	Rice
Riddle Quarries, Inc.	P. O. Box 1268, Salina	Chase, Clay, Coffey, Dickin- son, Marion, Marshall, Morris, Rice, Riley, Potta- watomie
Roweth, C. W. Co.	318 E. Court St., Lincoln	Lincoln
San Ore Construction Co., Inc.	P. O. Box 417, McPherson	Graham, Lincoln
Sedan Limestone Co.	Sedan	Elk
Schaefer, Marion B.	Eskridge	Wabaunsee
Smith County Highway Department	Smith Center	Smith

STONE continued

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
Southwest Rock & Chat Co.	P. O. Box 111, Baxter Springs	Cherokee
Stark, John J. , Contractor	P. O. Box 7, Girard	Cherokee, Crawford, Labette, Montgomery
Starnes Rock Products Co.	3354 Amidon, Wichita	Butler
Steinle Construction	Bunker Hill	Russell
Thompson-Strauss Quarries, Division of Inland Underground Facilities, Inc.	P. O. Box 2249, 7000 Holliday Drive, Kansas City	Wyandotte
Tobin, J. A. Construction	3701 Rainbow Blvd. , Kansas City	Wyandotte
Tri-State Rock Products	Baxter Springs	Cherokee
Union Construction Co.	1401 Fairfax Trafficway, Kansas City	Johnson
Van Buskirk Construction Co.	Norton	Norton, Phillips
Wade Agricultural Products	P. O. Box 38, La Cygne	Linn, Miami
Walker Stone Co.	Milford Junction City	Dickinson, Geary
West Lake Quarry & Material Co.	Route 1, P. O. Box 206, Bridgeton, Missouri	Doniphan
White & Hruska	Route 2, Paola	Miami
Wilson County Highway Department	Fredonia	Wilson
Wolf River Limestone, Inc.	Holton	Doniphan

STONE continued

BUILDING STONE

<u>Producer</u>	<u>Address</u>	<u>County in which producing</u>
B & H Stone	1712 Ritchie, Winfield	Cowley
Bandera Stone Quarry	Redfield	Bourbon
Bayer Stone, Inc.	Route 1, Manhattan	Chase, Pottawatomie, Riley
Born, H. J. Stone Co.	901 W. 35th St. N., Wichita	Chase, Cowley
Born, H. J. Stone Co. Silverdale Cut Stone Division	P. O. Box 45, Silverdale	Chase, Cowley
Hays Cut Stone & Veneer	P. O. Box 42, Hays	Ellis
Junction City Stone Co.	P. O. Box 127, Junction City	Geary
Lardner, J. T. Cut Stone	128 N. Van Buren St., Topeka	Chase
Prickett, Inc.	Simpson	Cloud, Mitchell
Silverdale Limestone Co.	Route 3, P. O. Box 165, Arkansas City	Cowley

KANSAS STONE PRODUCERS . . . LISTED BY COUNTY
(Address of producers in Kansas unless otherwise noted.)

CRUSHED ROCK

Allen

Allen County Highway Department, Iola

Kunshak Chat & Coal Co., Pittsburg

Nelson Quarries, La Harpe

Anderson

Hunt Rock Co., Route 4, P.O. Box 123, Garnett

Killough & Clark, Ottawa

Murray Limestone Products, P.O. Box 153,
Pleasanton

Atchison

Atchison County Highway Department, P.O. Box 373,
Atchison

Bromley & Sons Quarry, 1100 Julia St., Atchison

Concrete Materials Division, Martin-Marietta Corp,
P.O. Box 790, Cedar Rapids, Iowa

Kerford, G.W. Quarry Co., P.O. Box 277, Atchison

Mid-Continent Stone & Construction Co., 1961 N.
Industrial Blvd., Dallas, Texas

Bourbon

Cullor Limestone Co., Inc., 20th & Sidney St.,
Fort Scott

Fort Scott Hydraulic Cement Co., P.O. Box 267,
Fort Scott

Butler

Concrete Materials Division, Martin-Marietta Corp.,
P.O. Box 790, Cedar Rapids, Iowa

Carr Rock Products Co., P.O. Box 117, Neodesha

Murray Limestone Products, P.O. Box 153,
Pleasanton

Butler, continued

Myers, George M., Inc., P.O. Box 911, 1224 W. 6th
St., El Dorado

Starnes Rock Products, Co., 3354 Amidon, Wichita

Chase

Anderson-Oxandale, P.O. Box 425, Herington

Chase County Engineer, Herington

Riddle Quarries, Salina

Chautauqua

Adkins, Herb, P.O. Box 1238, Elgin

Cherokee

Eagle-Picher Co., Cardin, Oklahoma

Humble Sand Co., Galena

Southwest Rock & Chat Co., P.O. Box 111,
Baxter Springs

Stark, John J., Contractor, P.O. Box 7, Girard

Tri-State Rock Products, Route 1, Galena

Clay

Bayer Construction Co., Manhattan

Riddle Quarries, Inc., P.O. Box 1268, Salina

Cloud

Cloud County Highway Department, Concordia

Coffey

Anderson-Oxandale, P.O. Box 425, Herington

STONE continued

Coffey, continued

Jones Construction & Material Co. , P.O. Box M,
Emporia

Jones, W.S. Rock Co. , Box 711, Emporia

Nelson Quarries, La Harpe

Neosho Valley Rock Co. , Burlington

Paxon, Carroll, Burlington

Riddle Quarries, Inc. , P.O. Box 1268, Salina

Cloud

Cloud County Highway Department, Concordia

Cowley

Daniels Stone Co. , Inc. , 1711 E. 9th St. , Winfield

Elam, Jack V. , Winfield

Crawford

Stark, John J. , Contractor, P.O. Box 7, Girard

Dickinson

Anderson-Oxandale, P.O. Box 425, Herington

Riddle Quarries, Inc. , P.O. Box 1268, Salina

Walker Stone Co. , P.O. Box 269, Junction City

Doniphan

Concrete Materials Division, Martin-Marietta Corp. ,
P.O. Box 790, Cedar Rapids, Iowa

Everett Quarries, Inc. , Wathena

West Lake Quarry & Material Co. , Route 1,
P.O. Box 206, Bridgeton, Missouri

Wolf River Limestone, Inc. , Holton

Douglas

Clark Rock Quarry, Baldwin

Concrete Materials Division, Martin-Marietta Corp. ,
P.O. Box 790, Cedar Rapids, Iowa

Elk

Concrete Materials Division, Martin-Marietta Corp. ,
P.O. Box 790, Cedar Rapids, Iowa

Sedan Limestone, Sedan

Ellis

Aubel Asphalt Co. . P.O. Box 261, Hays

Ellis County Highway Department, Hays

Franklin

Concrete Materials Division, Martin-Marietta Corp. ,
P.O. Box 790, Cedar Rapids, Iowa

Fogle Quarry, 18th & Main St. , Ottawa

Killough & Clark Rock Co. , Ottawa

Geary

Anderson-Oxandale, P.O. Box 425, Herington

Bayer Construction Co. , 509 Yuma St. , Manhattan

Concrete Materials Division, Martin-Marietta Corp. ,
P.O. Box 790, Cedar Rapids, Iowa

Walker Stone Co. , P.O. Box 269, Junction City

Graham

Anderson-Oxandale, P.O. Box 425, Herington

San Ore Construction Co. , Inc. , P.O. Box 417,
McPherson

Greenwood

Greenwood County Highway Department, Eureka

STONE continued

Greenwood, continued

Myers, George M., Inc., P.O. Box 911, 1224 W. 6th St., El Dorado

Jackson

Anderson-Oxandale, P.O. Box 425, Herington

Baker, G.W. Construction Co., Holton

Jefferson

Baker, Roy Quarry, Inc., Valley Falls

Concrete Materials Division, Martin-Marietta Corp., P.O. Box 790, Cedar Rapids, Iowa

Hamm, N.R. Limestone Quarry, Inc., Perry

Jewell

Jewell County Highway Department, Mankato

Johnson

Deitz-Hill Development Co., P.O. Box 4, Kansas City, Missouri

Reno Construction Co., P.O. Box 61, Overland Park

Union Construction Co., 1401 Fairfax Trafficway, Kansas City

Labette

Carr Rock Products Co., P.O. Box 117, Neodesha

Keith, Harry, 1602 W. 7th St., Coffeyville

Labette County Highway Department, Oswego

Stark, John J., Contractor, P.O. Box 7, Girard

Leavenworth

Concrete Materials Division, Martin-Marietta Corp., P.O. Box 790, Cedar Rapids, Iowa

Lincoln

Quartzite Stone Co., Inc., Lincoln

Roweth, C.W. Co., 318 E. Court St., Lincoln

San Ore Construction Co., Inc., P.O. Box 417, McPherson

Linn

Giles, Lee, Greeley

Murray Limestone Products, P.O. Box 153, Pleasanton

Reno Construction Co., P.O. Box 61, Overland Park

Wade Agricultural Products, P.O. Box 38, La Cygne

Lyon

Concrete Materials Division, Martin-Marietta Corp., P.O. Box 790, Cedar Rapids, Iowa

Jones Construction & Material Co., P.O. Box M, Emporia

Jones, W.S. Rock Co., P.O. Box 711, Emporia

Marion

Keeler, Walt Co., Inc., 826 E. Lincoln St., Wichita

Anderson-Oxandale, P.O. Box 425, Herington

Riddle Quarries, Inc., P.O. Box 1268, Salina

Marshall

Anderson-Oxandale, P.O. Box 425, Herington

Baker, G.W. Construction Co., Holton

Bayer Construction Co., Inc., Manhattan

Koppes Brothers Quarries, Marysville

Riddle Quarries, Inc., P.O. Box 1268, Salina

STONE continued

Miami

Giles, Lee, Greeley

Hayes Quarries, P. O. Box 109, Paola

Wade Agricultural Products, P. O. Box 38, La Cygne

White & Hruska, Route 2, Paola

Montgomery

Carr Rock Products Co., P. O. Box 117, Neodesha

H & S Rock Co., Route 1, Elk City

Nelson Quarries, La Harpe

Stark, John J., Contractor, P. O. Box 7, Girard

Morris

Anderson-Oxandale, P. O. Box 425, Herington

Lyon County Highway Department, Emporia

Morris County Highway Department, Council Grove

Riddle Quarries, Inc., P. O. Box 1268, Salina

Nemaha

Baker, G.W. Construction Co., Holton

Neosho

Byers, Harry & Sons, Inc., 500 N. Plummer, Chanute

Neosho County Highway Department, Erie

O'Brien Rock Crusher, St. Paul

Ness

Ness County Highway Department, Ness City

Norton

Anderson-Oxandale, P. O. Box 425, Herington

Van Buskirk Construction Co., Norton

Osage

Concrete Materials Division, Martin-Marietta Corp.,
P. O. Box 790, Cedar Rapids, Iowa

Osborne

Osborne County Highway Department, Osborne

Phillips

Anderson-Oxandale, P. O. Box 425, Herington

Phillips County Highway Department, Phillipsburg

Quarrying and Constructing, 5560 E. 56th Ave.,
Denver, Colorado

Van Buskirk Construction Co., Norton

Pottawatomie

Anderson-Oxandale, P. O. Box 425, Herington

Bayer Construction Co., Inc., P. O. Box 889,
509 Yuma St., Manhattan

Concrete Materials Division, Martin-Marietta Corp.,
P. O. Box 790, Cedar Rapids, Iowa

Riddle Quarries, Inc., P. O. Box 1268, Salina

Rawlins

Anderson-Oxandale, P. O. Box 425, Herington

Atwood Sand & Rock, Atwood

Konkrete Bloc Co., St. Francis

Republic

Republic County Highway Department, Belleville

Rice

Rice County Highway Department, Lyons

Riddle Quarries, Inc., P. O. Box 1268, Salina

STONE continued

Riley

Bayer Construction Co., Inc., 509 Yuma St.,
Manhattan

Concrete Materials Division, Martin-Marietta Corp.,
P.O. Box 790, Cedar Rapids, Iowa

Department of the Army, Fort Riley

Riddle Quarries, Inc., P.O. Box 1268, Salina

Russell

Steinle Construction, Bunker Hill

Shawnee

Baker, G.W. Construction Co., Holton

Concrete Materials Division, Martin-Marietta Corp.,
P.O. Box 790, Cedar Rapids, Iowa

Hamm, N.R. Limestone Quarry, Inc., Perry

Luttjohann, Henry C., Route 8, Topeka

Smith

Anderson-Oxandale, P.O. Box 425, Herington

Smith County Highway Department, Smith Center

Trego

Aubel Asphalt Co., Hays

Wabaunsee

Baker, G.W. Construction Co., Holton

Concrete Materials Division, Martin-Marietta Corp.,
P.O. Box 790, Cedar Rapids, Iowa

Schaefer, Marion B., Eskridge

Washington

Benedict Rock & Lime Co., Benedict

Carr Rock Products Co., P.O. Box 117, Neodesha

Wilson, continued

Wilson County Highway Department, Fredonia

Woodson

Nelson Quarries, La Harpe

Wyandotte

Thompson-Strauss Quarries, Division of Inland
Underground Facilities, Inc., P.O. Box 2249,
7000 Holliday Drive, Kansas City

Tobin, J.A. Construction, 3701 Rainbow Blvd.,
Kansas City

STONE continued

BUILDING STONE

Bourbon

Bandera Stone Quarry, Redfield

Chase

Bayer Stone, Inc., Route 1, Manhattan

Born, J. H. Stone Co., 901 W. 35th St. N., Wichita

Born, J. J. Stone Co., Silverdale Cut Stone
Division, P.O. Box 45, Silverdale

Lardner, J. T. Stone, 128 N. Van Buren St., Topeka

Cloud

Prickett, Inc., Simpson

Cowley

B & H Stone, 1712 Ritchiw, Winfield

Born, H. J. Stone Co., 901 W. 35th St. N., Wichita

Born, H. J. Stone Co., Silverdale Cut Stone
Division, P.O. Box 45, Silverdale

Cowley, continued

Silverdale Limestone Co., Route 3, P.O. Box 165,
Arkansas City

Ellis

Hays Cut Stone & Veneer, P.O. Box 42, Hays

Geary

Junction City Stone Co., P.O. Box 127, Junction City

Mitchell

Prickett, Inc., Simpson

Pottawatomie

Bayer Stone, Inc., Route 1, Manhattan

Riley

Bayer Stone, Inc., Route 1, Manhattan

KANSAS VOLCANIC ASH PRODUCERS

Producer

Ernest Hanzlicek

Wyandotte Chemicals Corp.

Pit location

Southwestern Lincoln County

Calvert, Norton County

Office address

Wilson, Kansas

1609 Biddle Ave.,
Wyandotte, Michigan

