



## Economic Impact

# Arizona Rock Products Industry

### Arizona Rock Products – Foundation for Growth

*Can you imagine Arizona* with dirt roads, wooden homes and buildings, no sports stadiums, no airports, no dams, and no Central Arizona Project canals? You are imagining Arizona **without** the Arizona Rock Products Industry providing the critical materials for growth and development, infrastructure, commercial and industrial buildings and residential housing for one of the most rapidly growing states in the nation.

**\$4.9 Billion Total Economic Impact**

The operations of Arizona Rock Products firms provided jobs for 7,745 industry workers and had a direct impact of \$2.5 billion in 2017. As these dollars cycled back into the economy, a **total economic impact of \$4.9 billion** was created, along with 25,674 total jobs. Every \$1 billion of Arizona Rock Products industry output created \$960 million of additional business sales within Arizona. Each Rock Products industry worker supported an additional 2.3 jobs in the overall state economy. Tax revenue to state and local governments flowing from Rock Products industry economic activity was \$236 million.

**\$2.5 Billion  
Direct Impact**

Revenues Paid Out  
To Businesses,  
Workers &  
Governments

**7,745  
Direct Jobs**

**\$2.4 Billion  
Indirect Impact**

**Multiplier  
Effects** →

**17,929  
Indirect Jobs**

**\$4.9 Billion  
Total Impact**

**\$**

**25,674  
Total Jobs**

### Building Arizona

#### THE ARIZONA ROCK PRODUCTS ASSOCIATION

(ARPA) is a full service lobbying organization, representing companies producing nearly all the aggregate materials in the State of Arizona. This includes producers or suppliers of aggregate, asphaltic concrete, ready mix concrete, asphalt and portland cement, as well as trucking firms, paving contractors and other aggregate end users, material testing labs and ancillary companies. Members benefit from the Association's professional and knowledgeable staff that is dedicated to preserving the sustainability of the rock products industry.

**Arizona Rock Products Association**  
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## Economic Impact Methodology

This study was conducted to measure the economic impact of the Arizona Rock Product industry on the Arizona economy in 2017.

Direct impact figures on employment were obtained from the U. S. Bureau of Labor Statistics and output was derived from U.S. Department of Commerce data embedded within the IMPLAN input-output model. The IMPLAN model also was used to estimate worker compensation, value added, and multiplier effects from direct impacts to compute the total economic impact.

The study was prepared by

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## Economic Impact in Arizona Counties

The Arizona Rock Products industry has operations in every Arizona County to meet the demand for materials to maintain, improve, and develop infrastructure. The **direct** output and employment figures below measure activity by firms in each county. **Total** output and employment include both direct and indirect multiplier effects of Rock Product industry activity.

County	Direct Output (\$ millions)	Direct Employment	Total Output (\$ millions)	Total Employment
Apache	\$28.8	94	\$56.9	313
Cochise	27.9	82	55.1	273
Coconino	29.2	100	57.8	331
Gila	52.8	151	104.4	500
Graham	20.4	74	40.4	244
Greenlee	0.8	3	1.6	11
La Paz	2.7	13	5.3	43
Maricopa	1,585.5	4,866	3,136.0	16,130
Mohave	60.8	291	120.3	963
Navajo	46.0	159	91.0	528
Pima	285.0	748	563.8	2,480
Pinal	129.9	427	257.0	1,416
Santa Cruz	7.5	25	14.9	83
Yavapai	160.3	534	317.2	1,769
Yuma	40.1	178	79.4	590
<b>Total Impacts</b>	<b>\$2,477.8</b>	<b>7,745</b>	<b>\$4,901.0</b>	<b>25,674</b>

## Arizona Construction Relies on Rock Products

28,800 Workers  
Buildings  
Construction

16,800 Workers  
Heavy  
Construction

99,900 Workers  
Special Trades

Each Rock Products Worker Supports  
19 Arizona Construction Jobs

7,745 Workers  
Rock Products Industry

Construction and Rock Products provide the infrastructure for Arizona's growth. In 2017, Arizona's 145,500 construction workers were supported by 7,745 workers in the Arizona Rock Products industry (a ratio of 19 to 1).