

DID YOU KNOW?

# Lead is the most recycled material in North America!

Higher even than better known  
recycled items such as glass,  
paper or aluminum.

99%



Lead-acid  
batteries

67%



Paper

34%



Glass

55%



Aluminum

## THE DOE RUN COMPANY

# SUSTAINABILITY

# 2014 HIGHLIGHTS



## BUSINESS HIGHLIGHTS



**250,000**  
TONS

**Southeast Missouri Mining and Milling Division (SEMO)** annually produces approximately 250,000 tons of lead concentrates used to make lead metal.



**160,000**  
TONS

**Metals Division: Resource Recycling** has the capacity to recycle and recover nearly 160,000 tons of refined lead and lead alloys from more than 13.5 million recycled lead-acid batteries annually.



**30,000**  
TONS

**Fabricated Products Inc.** manufactures 30,000 tons of specialty lead products annually.

## U.S. MANUFACTURING OPINION



**84%**

**84% of U.S. Manufacturers<sup>2</sup>** believe a strong domestic supply of critical minerals and metals will ensure job and economic growth in the United States.

## THE FACTS ABOUT

# Lead

## GALENA

— the mineral form of lead —  
is Missouri's state mineral.



The average American  
will require 45,557 pounds of  
minerals, including 903 lbs.  
of lead, in a lifetime.<sup>6</sup>



903 pounds of lead is  
equivalent to approximately 15  
60 pound lead ingots.



See Doe Run's full 2014  
Sustainability Report at  
[sustainability.doerun.com](http://sustainability.doerun.com).

## THE USES OF LEAD



### Automobiles

One billion vehicles  
worldwide rely on lead-  
based batteries to start  
their engines and power  
electronics.<sup>7</sup> 99 percent of  
the lead-based batteries  
in the United States<sup>1</sup>  
are recycled.



### Renewable Energy

Lead-based batteries store  
renewable energy sourced  
from wind turbines and  
solar panels before going  
into the electric grid.



### Medical Scanning

Lead is unrivaled as  
a shield to radiation  
in medical scanning  
equipment used in  
hospitals, dental surgeries  
and laboratories.

# MINING IN Missouri

## Doe Run Spending Impact<sup>3</sup>

**\$229 Mil.**

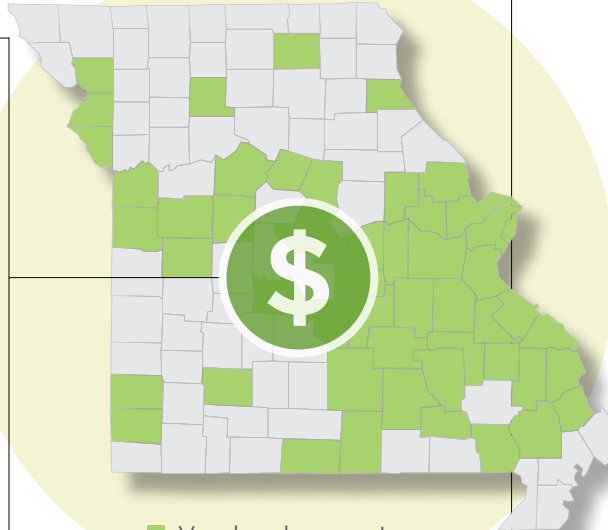
SPENT IN MISSOURI

**980**

VENDORS

**52**

MISSOURI  
COUNTIES



■ Vendors by county

## Mining Supports

MORE THAN

**33,380**  
jobs<sup>4</sup>



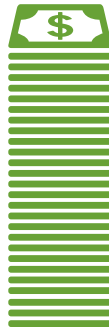
## Doe Run Total Economic Impact

MORE THAN

**\$1 billion<sup>5</sup>**

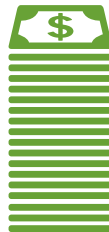
## Average Salary

**\$74,975<sup>4</sup>**



MINING  
JOBS

**\$49,215<sup>4</sup>**



ALL INDUSTRY  
JOBS

## SUSTAINABILITY METRICS

### Total Environmental Spending



See Doe Run's full 2014 Sustainability Report at [sustainability.doerun.com](http://sustainability.doerun.com).

### What Matters Most to Our Communities



## DOE RUN RECOGNITION

### Missouri Impact! Award

Missouri Enterprise recognized Doe Run for its commitment to "world class" manufacturing status and for its contributions to Missouri communities.



### National Mine Rescue Champions

Doe Run's Maroon mine rescue team once again earned the national championship title at the Mine Safety and Health Administration's 2014 Metal/Nonmetal National Mine Rescue Contest.



# THE DOE RUN COMPANY SUSTAINABILITY 2014 HIGHLIGHTS



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1. According to the EPA, lead-acid batteries have a 99% recycle rate, higher than glass, paper or aluminum  
[http://www.epa.gov/wastes/nonhaz/municipal/images/2012\\_rec\\_rates\\_sel\\_prdcts\\_fig3\\_lg.png](http://www.epa.gov/wastes/nonhaz/municipal/images/2012_rec_rates_sel_prdcts_fig3_lg.png)
2. [MineralsMakelife.org](http://MineralsMakelife.org)
3. Vendor spending in millions of dollars and countries impacted.
4. NMA Economic Impact of Mining [www.nma.org](http://www.nma.org)
5. Development Strategies 2014 Economic Impact of The Doe Run Company Study
6. Minerals Education Coalition
7. International Lead Association [www.ila-lead.org](http://www.ila-lead.org)