

Table E-9
Missouri Nonfuel Raw Mineral Production^{1,2}: 2000-2014
 (thousands of metric tons and thousands of dollars)

| | 2000 | | 2001 | | 2002 | |
|---|-----------|----------------------|-----------|----------------------|--------------------|----------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| Cement (Portland) | 4,880 | ^e 372,000 | 4,720 | ^e 346,000 | ^e 4,600 | ^e 337,000 |
| Clays | 1,401 | 7,870 | 1,319 | 7,030 | 1,331 | 6,580 |
| Copper | W | W | | | | |
| Gemstones | W | W | 4 | 7,490 | W | W |
| Sand and Gravel Construction | 10,700 | 41,700 | 10,900 | 45,800 | 9,800 | 42,100 |
| Stone (crushed) | 75,600 | 365,000 | 82,000 | 411,000 | 79,500 | 406,000 |
| Combined value of barite, cement (masonry), clays (fuller's earth), gemstones, iron ore (usable), iron oxide pigments (crude), lead, lime, sand and gravel (industrial), silver, stone (dimension granite), zinc, and values indicated by W | XX | 516,000 | XX | 165,000 | XX | 489,000 |
| Total | XX | 1,300,000 | XX | 1,320,000 | XX | 1,290,000 |

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Table E-9 (continued)
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| | 2003 | | 2004 | | 2005 | |
|---|-----------|----------------------|---------------------|----------------------|---------------------|------------------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| Cement (Portland) | 5,180 | ^e 352,000 | 5,260 | ^e 388,000 | 5,330 | ^e 464,000 |
| Clays: | | | | | | |
| Common | 970 | 3,660 | 911 | 3,290 | 822 | 3,400 |
| Fire | 307 | 7,230 | W | W | W | W |
| Sand and gravel: | | | | | | |
| Construction | 10,600 | 49,400 | 12,200 | ^f 60,100 | 12,200 | 61,600 |
| Industrial | 586 | 12,800 | 589 | 14,200 | 559 | 14,500 |
| Stone (crushed) | 71,500 | 426,000 | ^f 92,600 | 564,000 | ^f 87,400 | ^f 647,000 |
| Combined values of cadmium (byproduct of zinc concentrates [2004-05]), cement (masonry), clays (fuller's earth), copper, gemstones (natural), lead, lime, silver, stone (dimension granite), zinc, and values indicated by symbol W | XX | 488,000 | XX | 593,000 | XX | 666,000 |
| Total | XX | 1,340,000 | XX | 1,620,000 | XX | ^f1,860,000 |

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| | 2006 | | 2007 | | 2008 | |
|---|---------------------|----------------------|---------------------|------------------------------|---------------------|----------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| Cement (Portland) | 5,240 | ^e 500,000 | 5,230 | ^e 515,000 | 4,650 | ^e 451,000 |
| Clays: | | | | | | |
| Common | 750 | 4,160 | 426 | 2,880 | 496 | 3,470 |
| Fire | 359 | 7,600 | N/A | N/A | N/A | N/A |
| Sand and gravel: | | | | | | |
| Construction | 17,000 | 92,100 | ^f 14,300 | ^f 78,500 | ^f 12,400 | ^f 76,200 |
| Industrial | 595 | 16,400 | 642 | 19,400 | 648 | 21,400 |
| Stone | | | | | | |
| Crushed | ^g 90,500 | 576,000 | 83,900 | 630,000 | ^g 76,400 | ^g 614,000 |
| Dimension | W | W | W | W | 3 | 668 |
| Combined values of cadmium (byproduct of zinc concentrates), ³ cement (masonry), clays (fuller's earth), copper, gemstones (natural), lead, lime, silver, zinc, and values indicated by symbol W | XX | 826,000 | XX | 1,040,000 | XX | ^h 892,000 |
| Total | XX | 2,010,000 | XX | ⁱ2,280,000 | XX | 2,060,000 |

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Table E-9 (continued)
Missouri Nonfuel Raw Mineral Production^{1,2}: 2000-2014
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| | 2009 | | 2010 | | 2011 | |
|---|-----------|----------------------|-----------|------------------|-----------|------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| Cement (Portland) | 4,420 | ^e 434,000 | 6,470 | 534,000 | 7,050 | 559,000 |
| Clays: | | | | | | |
| Common | 421 | 3,020 | 412 | 3,060 | 431 | 3,370 |
| Fire | N/A | N/A | | | | |
| Sand and gravel: | | | | | | |
| Construction | 11,500 | 72,000 | 11,900 | 73,900 | 9,340 | 64,800 |
| Industrial | 836 | 32,900 | 782 | 28,700 | 1,970 | 101,000 |
| Stone | | | | | | |
| Crushed | 72,800 | 637,000 | 69,400 | 584,000 | 64,100 | 566,000 |
| Dimension | N/A | N/A | N/A | N/A | N/A | N/A |
| Combined values of cadmium (byproduct of zinc concentrates), ³ cement (masonry), clays (fuller's earth), copper, gemstones (natural), lead, lime, silver, zinc, and values indicated by symbol W | XX | 661,000 | XX | 785,000 | XX | 903,000 |
| Total | XX | 1,840,000 | XX | 2,010,000 | XX | 2,200,000 |

^eEstimated.

^fRevised.

W-Withheld to avoid disclosing company proprietary data; value included with Combined values data.

XX-Not applicable.

N/A-Not Available

¹Production as measured by mine shipments, sales, or marketable production (including consumption by producers).

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Data not available for 2006

Source: United States Geological Survey, Minerals Yearbook, Volume II, Area Reports.

Table E-9
Missouri Nonfuel Raw Mineral Production^{1,2}: 2000-2014
 (thousands of metric tons and thousands of dollars)

| | 2012 | | 2013 | | 2014 | |
|---|---------------------|------------------------|---------------------|------------------------|----------|----------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| Cement, portland | 7,950 | 635,000 ^e | 8,220 | 703,000 ^e | 8,780 | 844,000 ^e |
| Clays, common | 409 | 3,190 | 344 | 1,660 | (3) | W |
| Sand and gravel: | | | | | | |
| Construction | 10,500 ^r | 69,600 ^r | 11,200 ^r | 78,200 ^r | 10,500 | 66,900 |
| Industrial | 1,390 | 76,000 | 1,990 | 127,000 | 4,290 | 289,000 |
| Stone, crushed | 68,100 ^r | 570,000 ^r | 68,800 ^r | 527,000 ^r | 68,800 | 550,000 |
| Combined values of cement (masonry), clays (fire and fuller's earth), copper, gemstones (natural), lead, lime, silver, stone (dimension), tripoli, and zinc | XX | 913,000 | XX | 898,000 ^r | XX | 903,000 |
| Total | XX | 2,270,000 ^r | XX | 2,330,000 ^r | XX | 2,650,000 |

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^eEstimated. ^rRevised. XX Not applicable. W Withheld to avoid disclosing company proprietary data; included in the "Combined values" data for each.

¹Production as measured by mine shipments, sales, or marketable production (including consumption by producers).

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Withheld to avoid disclosing company proprietary data.