

Table E-8
Value of Nonfuel Mineral Production and
Principal Minerals Produced by State: 2003¹

State	Value (thousands)	Rank	% of U.S.		Principal Minerals, in Order of Value
			Total		
Alabama	900,000	17	2.28		Stone (crushed), cement (portland), lime, sand and gravel (construction), cement (masonry).
Alaska	1,080,000	12	2.74		Zinc, gold, lead, silver, sand and gravel (construction).
Arizona	2,180,000	4	5.53		Copper, sand and gravel (construction), cement (portland), molybdenum concentrates, stone (crushed).
Arkansas	455,000	30	1.16		Bromine, stone (crushed), cement (portland), sand and gravel (construction), gypsum (crude).
California	3,430,000	1	8.71		Sand and gravel (construction), cement (portland), boron minerals, stone (crushed), diatomite.
Colorado	673,000	22	1.71		Sand and gravel (construction), cement (portland), gold, molybdenum concentrates, stone (crushed).
Connecticut ²	133,000	42	0.34		Stone (crushed), sand and gravel (construction), stone (dimension), clays (common), gemstones (natural).
Delaware ²	17,900	50	0.05		Sand and gravel (construction), magnesium compounds, gemstones (natural).
Florida	2,070,000	5	5.27		Phosphate rock, stone (crushed), cement (portland), sand and gravel (construction), cement (masonry).
Georgia	1,740,000	6	4.40		Clays (kaolin), stone (crushed), clays (fuller's earth), cement (portland), sand and gravel (construction).
Hawaii ²	73,100	45	0.19		Stone (crushed), sand and gravel (construction), cement (masonry), gemstones (natural).
Idaho	269,000	37	0.68		Phosphate rock, sand and gravel (construction), molybdenum concentrates, silver, cement (portland).
Illinois	971,000	16	2.47		Stone (crushed), cement (portland), sand and gravel (construction), sand and gravel (industrial), lime.
Indiana	715,000	20	1.81		Stone (crushed), cement (portland), sand and gravel (construction), lime, cement (masonry).
Iowa	504,000	27	1.28		Stone (crushed), cement (portland), sand and gravel (construction), gypsum (crude), lime.
Kansas	696,000	21	1.77		Helium (Grade-A), cement (portland), salt, stone (crushed), helium (crude).
Kentucky	602,000	24	1.53		Stone (crushed), lime, cement (portland), sand and gravel (construction), clays (ball).
Louisiana	367,000	34	0.93		Salt, sand and gravel (construction), stone (crushed), sand and gravel (industrial), lime.
Maine	108,000	43	0.27		Sand and gravel (construction), cement (portland), stone (crushed), stone (dimension), cement (masonry).
Maryland	427,000	32	1.08		Stone (crushed), cement (portland), sand and gravel (construction), cement (masonry), stone (dimension).
Massachusetts ²	204,000	38	0.52		Stone (crushed), sand and gravel (construction), lime, stone (dimension), clays (common).
Michigan	1,410,000	7	3.58		Cement (portland), iron ore (usable), sand and gravel (construction), salt, stone (crushed).
Minnesota ²	1,200,000	11	3.04		Iron ore (usable), sand and gravel (construction), stone (crushed), sand and gravel (industrial), stone (dimension).
Mississippi	188,000	40	0.48		Sand and gravel (construction), clays (fuller's earth), stone (crushed), cement (portland), clays (ball).
Missouri	1,350,000	9	3.42		Stone (crushed), cement (portland), lead, lime, sand and gravel (construction).
Montana	493,000	28	1.25		Gold, platinum metal, palladium metal, sand and gravel (construction), cement (portland).
Nebraska ²	95,300	44	0.24		Cement (portland), stone (crushed), sand and gravel (construction), lime, cement (masonry).
Nevada	3,190,000	2	8.10		Gold, sand and gravel (construction), lime, silver, stone (crushed).
New Hampshire ²	62,500	47	0.16		Sand and gravel (construction), stone (crushed), stone (dimension), gemstones (natural).
New Jersey	312,000	36	0.79		Stone (crushed), sand and gravel (construction), sand and gravel (industrial), greensand marl, peat.

Table E-8 (continued)
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Principal Minerals Produced by State: 2003¹

State	Value (thousands)	Rank	% of U.S.		Principal Minerals, in Order of Value
			Total		
New Mexico	569,000	25	1.44		Potash, copper, sand and gravel (construction), cement (portland), stone (crushed).
New York	998,000	14	2.53		Stone (crushed), salt, cement (portland), sand and gravel (construction), wollastonite.
North Carolina	754,000	19	1.91		Stone (crushed), phosphate rock, sand and gravel (construction), sand and gravel (industrial), feldspar.
North Dakota	46,500	48	0.12		Sand and gravel (construction), lime, stone (crushed), clays (common), sand and gravel (industrial).
Ohio	1,000,000	13	2.55		Stone (crushed), sand and gravel (construction), salt, lime, cement (portland).
Oklahoma	470,000	29	1.19		Stone (crushed), cement (portland), sand and gravel (construction), sand and gravel (industrial), iodine (crude).
Oregon	322,000	35	0.82		Stone (crushed), sand and gravel (construction), cement (portland), diatomite, lime.
Pennsylvania ²	1,270,000	10	3.23		Stone (crushed), cement (portland), sand and gravel (construction), lime, cement (masonry).
Rhode Island ²	35,900	49	0.09		Sand and gravel (construction), stone (crushed), sand and gravel (industrial), gemstones (natural).
South Carolina	508,000	26	1.29		Cement (portland), stone (crushed), cement (masonry), sand and gravel (construction), clays (kaolin).
South Dakota	199,000	39	0.51		Cement (portland), sand and gravel (construction), gold, stone (crushed), stone (dimension).
Tennessee	623,000	23	1.58		Stone (crushed), cement (portland), sand and gravel (construction), clays (ball), zinc.
Texas	2,240,000	3	5.68		Cement (portland), stone (crushed), sand and gravel (construction), salt, lime.
Utah	1,350,000	8	3.43		Copper, cement (portland), gold, salt, sand and gravel (construction).
Vermont ²	70,500	46	0.18		Stone (dimension), stone (crushed), sand and gravel (construction), talc (crude), gemstones (natural).
Virginia	790,000	18	2.01		Stone (crushed), cement (portland), sand and gravel (construction), lime, clays (fuller's earth).
Washington	396,000	33	1.00		Sand and gravel (construction), cement (portland), stone (crushed), diatomite, sand and gravel (industrial).
West Virginia	164,000	41	0.42		Stone (crushed), cement (portland), sand and gravel (industrial), lime, salt.
Wisconsin ²	452,000	31	1.15		Stone (crushed), sand and gravel (construction), lime, sand and gravel (industrial), stone (dimension).
Wyoming	998,000	15	2.53		Soda ash, clays (bentonite), helium (Grade-A), cement (portland), sand and gravel (construction).
Undistributed	223,000	NA	0.57		
Total	39,400,000	NA	100		

NA- Not applicable.

1-Data are rounded to three significant digits; may not add to totals shown.

2-Partial total; excludes values that are concealed to avoid disclosing company proprietary data. Concealed values included in Undistributed.

Source: U.S. Department of the Interior, U.S. Geological Survey, Minerals Yearbook, Volume II, Area Reports: Domestic.