

Table E-8
Value of Nonfuel Mineral Production and
Principal Minerals Produced by State: 2004¹

State	Value		% of U.S.		Principal Minerals, in Order of Value
	(thousands)	Rank	Total		
Alabama	972,000	18	2.13		Cement (portland), stone (crushed), lime, sand and gravel (construction), cement (masonry).
Alaska	1,270,000	12	2.78		Zinc, lead, gold, silver, sand and gravel (construction).
Arizona	3,330,000	3	7.30		Copper, sand and gravel (construction), molybdenum concentrates, cement (portland), stone (crushed).
Arkansas	518,000	29	1.13		Bromine, stone (crushed), cement (portland), sand and gravel (construction), lime.
California	3,760,000	1	8.23		Sand and gravel (construction), cement (portland), boron minerals, stone (crushed), diatomite.
Colorado	1,010,000	17	2.21		Molybdenum concentrates, sand and gravel (construction), cement (portland), gold, stone (crushed).
Connecticut ²	131,000	42	0.29		Stone (crushed), sand and gravel (construction), stone (dimension), clays (common), gemstones (natural).
Delaware ²	21,900	50	0.05		Sand and gravel (construction), magnesium compounds, gemstones (natural).
Florida	2,320,000	4	5.08		Phosphate rock, stone (crushed), cement (portland), sand and gravel (construction), cement (masonry).
Georgia	1,800,000	8	3.95		Clays (kaolin), stone (crushed), clays (fuller's earth), cement (portland), sand and gravel (construction).
Hawaii	71,200	46	0.16		Stone (crushed), sand and gravel (construction), gemstones (natural).
Idaho	446,000	34	0.98		Molybdenum concentrates, phosphate rock, sand and gravel (construction), silver, cement (portland).
Illinois	1,050,000	15	2.31		Stone (crushed), cement (portland), sand and gravel (construction), sand and gravel (industrial), lime.
Indiana	764,000	22	1.67		Stone (crushed), cement (portland), sand and gravel (construction), lime, cement (masonry).
Iowa	529,000	28	1.16		Stone (crushed), cement (portland), sand and gravel (construction), gypsum (crude), lime.
Kansas	754,000	23	1.65		Cement (portland), helium (Grade-A), salt, stone (crushed), helium (crude).
Kentucky	648,000	25	1.42		Stone (crushed), lime, cement (portland), sand and gravel (construction), clays (ball).
Louisiana	356,000	36	0.78		Salt, sand and gravel (construction), stone (crushed), sand and gravel (industrial), clays (common).
Maine	118,000	43	0.26		Sand and gravel (construction), cement (portland), stone (crushed), stone (dimension), cement (masonry).
Maryland	481,000	32	1.05		Stone (crushed), cement (portland), sand and gravel (construction), stone (dimension), cement (masonry).
Massachusetts ²	210,000	38	0.46		Stone (crushed), sand and gravel (construction), lime, stone (dimension), clays (common).
Michigan	1,670,000	9	3.66		Iron ore (usable), cement (portland), sand and gravel (construction), salt, stone (crushed).
Minnesota ²	1,890,000	7	4.13		Iron ore (usable), sand and gravel (construction), stone (crushed), sand and gravel (industrial), stone (crushed).
Mississippi	194,000	40	0.43		Sand and gravel (construction), clays (fuller's earth), stone (crushed), cement (portland), clays (bentonite).
Missouri	1,470,000	10	3.23		Stone (crushed), cement (portland), lead, lime, sand and gravel (construction).
Montana	624,000	26	1.37		Platinum metal, palladium metal, copper, molybdenum concentrates, sand and gravel (construction).
Nebraska ²	106,000	44	0.23		Cement (portland), sand and gravel (construction), stone (crushed), cement (masonry), lime.
Nevada	3,470,000	2	7.60		Gold, sand and gravel (construction), lime, stone (crushed), silver.
New Hampshire ²	70,600	47	0.16		Sand and gravel (construction), stone (crushed), stone (dimension), gemstones (natural).
New Jersey ²	341,000	37	0.75		Stone (crushed), sand and gravel (construction), sand and gravel (industrial), greensand marl, peat.

Table E-8 (continued)
Value of Nonfuel Mineral Production and
Principal Minerals Produced by State: 2004¹

State	Value (thousands)	Rank	% of U.S.		Principal Minerals, in Order of Value
			Total		
New Mexico	866,000	20	1.90		Copper, potash, sand and gravel (construction), molybdenum (concentrates), cement (portland).
New York	1,110,000	14	2.43		Stone (crushed), salt, cement (portland), sand and gravel (construction), wollastonite.
North Carolina	805,000	21	1.76		Stone (crushed), phosphate rock, sand and gravel (construction), sand and gravel (industrial), feldspar.
North Dakota	44,500	48	0.10		Sand and gravel (construction), lime, stone (crushed), clays (common), sand and gravel (industrial).
Ohio	1,120,000	13	2.45		Stone (crushed), sand and gravel (construction), salt, lime, cement (portland).
Oklahoma	507,000	31	1.11		Stone (crushed), cement (portland), sand and gravel (construction), sand and gravel (industrial), gypsum (crude).
Oregon	367,000	35	0.80		Stone (crushed), sand and gravel (construction), cement (portland), diatomite, lime.
Pennsylvania	1,400,000	11	3.08		Stone (crushed), cement (portland), sand and gravel (construction), lime, cement (masonry).
Rhode Island ²	34,400	49	0.08		Sand and gravel (construction), stone (crushed), sand and gravel (industrial), gemstones (natural).
South Carolina ²	532,000	27	1.17		Stone (crushed), cement (portland), cement (masonry), sand and gravel (construction), clays (kaolin).
South Dakota	210,000	39	0.46		Cement (portland), sand and gravel (construction), gold, stone (crushed), stone (dimension).
Tennessee	653,000	24	1.43		Stone (crushed), cement (portland), sand and gravel (construction), clays (ball), sand and gravel (industrial).
Texas	2,290,000	5	5.01		Cement (portland), stone (crushed), sand and gravel (construction), salt, lime.
Utah	1,940,000	6	4.26		Copper, molybdenum (concentrates), cement (portland), gold, sand and gravel (construction).
Vermont ²	85,400	45	0.19		Stone (crushed), stone (dimension), sand and gravel (construction), talc (crude), gemstones (natural).
Virginia	894,000	19	1.96		Stone (crushed), cement (portland), sand and gravel (construction), lime, zirconium (concentrates).
Washington	507,000	30	1.11		Sand and gravel (construction), cement (portland), stone (crushed), gold, zinc.
West Virginia	167,000	41	0.37		Stone (crushed), cement (portland), sand and gravel (industrial), lime, cement (masonry).
Wisconsin ²	470,000	33	1.03		Sand and gravel (construction), stone (crushed), lime, sand and gravel (industrial), stone (dimension).
Wyoming	1,040,000	16	2.29		Soda ash, clays (bentonite), helium (Grade-A), cement (portland), sand and gravel (construction).
Undistributed	197,000	NA	0.43		
Total	45,700,000	NA	100.00		

NA-Not applicable.

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

²Partial total; excludes values that must be withheld to avoid disclosing company proprietary data which are values included with Undistributed.

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