



The Economic Contributions of U.S. Mining in 2007

Providing Vital Resources for America

Prepared for the National Mining Association

February 2009

Analysis by Moore Economics



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EXECUTIVE SUMMARY

- In 2007, U.S. mining transformed raw earth into \$98.4 billion of finished mineral, metal and fuel products. These building block materials were further transformed by consuming industries into consumer and industrial goods creating an additional \$1.8 trillion in value added by other mineral, metal and coal consuming industries.
- In 2007, 376,310 workers were employed at mines in the 50 states.
- The top ten states in terms of mining employment were West Virginia, Kentucky, Texas, Pennsylvania, Arizona, California, Virginia, Wyoming, Nevada and Colorado.
- A total of 1.5 million jobs were generated by mining in the United States in 2007. For each of the 376,310 jobs in mining, the mining industry requires the output equivalent of a total of 3.9 workers. Thus, excluding the one mining job, each mining job creates an *additional* 2.9 jobs in other sectors of the economy.
- The average annual wage in U.S. mining was nearly \$59,000 in 2007, 33 percent higher than the combined average annual wage for all industrial categories, and mining wages totaled \$22.1 billion.
- Each dollar of the \$98.4 billion in mining revenue required \$2.45 of *output* from the economy, including the mining industry, a direct and indirect total of \$240.5 billion from all sectors of the economy.
- Total mining payroll of \$22.1 billion generated a total of \$64.6 billion in payroll throughout the economy. Payroll by the mining industry generated \$21.6 billion in personal income and payroll taxes throughout the economy.
- According to the Bureau of Economic Analysis, taxes on production and imports, which includes severance taxes, royalties, fees, property taxes and gross receipts taxes, etc., were \$4.4 billion in 2006, the latest data available.
- The mining industry paid \$1.2 billion in federal royalties and other mineral revenues in 2007 and contributed \$304.9 million and \$643.4 million to the Abandoned Mine Lands and Black Lung funds, respectively. An additional \$1.2 billion was paid in federal corporate income taxes in 2005, according to the latest data available from the Internal Revenue Service (IRS).
- The mining industry also gives back to the community through its generous donations to charities. In 2005, the latest year for which data are available from the IRS, charitable contributions made by the mining industry totaled \$73.2 million, excluding the substantial contribution of employee hours to volunteer efforts.

INTRODUCTION

Mining supports the very foundation of our economy. From the stone and gravel used to build roads and lay foundations for homes and buildings, to coal and uranium used to generate more than half of the nation's electricity, to the copper wire that connects billions of computers to a global social and commercial network, our economy and way of life *depend* on the vital resources provided by mining.

While the societal value of the products generated by mining is almost immeasurable, U.S. mining also provides tangible economic contributions through its business activity. These contributions include wages paid to employees, taxes paid by industry and charitable contributions. Mining also generates economic activity in other industries through the purchases it makes and the wages those vendors and suppliers pay their employees. Combined, the total value of U.S. mining from its business activity, alone, is more than \$240 billion.

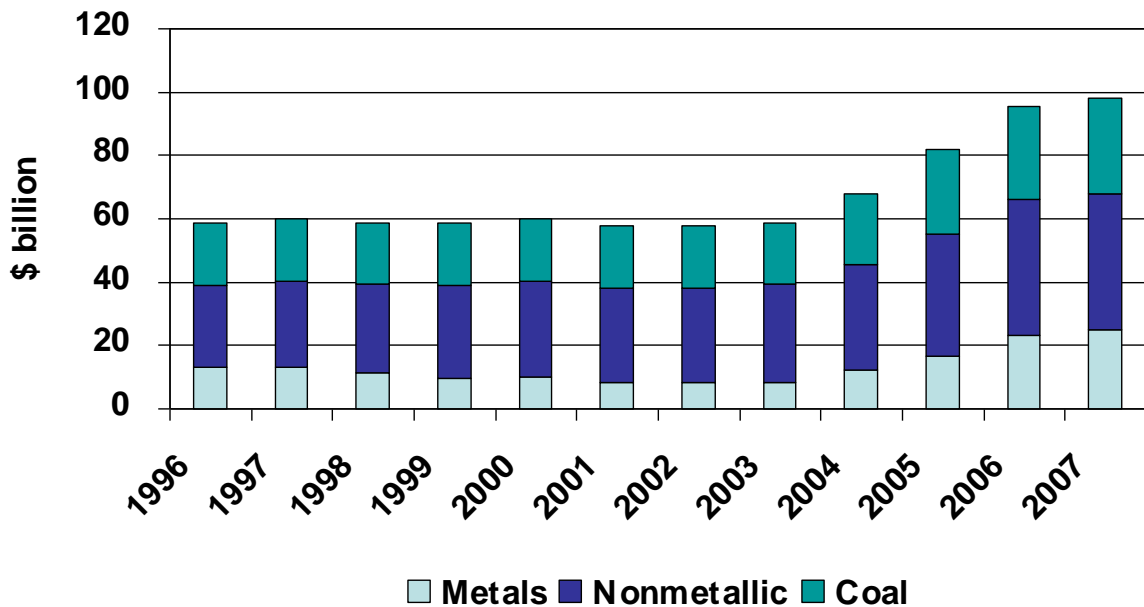
This analysis uses input-output analysis to examine the economic contributions of U.S. mining in terms of output, employment, payroll, personal income and payroll taxes. For the purpose of this analysis, the U.S. mining includes the mining of coal, uranium, metal ores, stone quarrying, sand and gravel and other nonmetallic minerals. It excludes oil and natural gas extraction.

This analysis also presents data on the value of the products of mining to other selected U.S. industries. These are examples of industries whose output is dependent on the products of mining and for which substitute materials are not readily available or economically viable. Mining also provides value to the economy through use of its products, and this part of the analysis attempts to capture that value. The gross domestic product (GDP) of selected industries dependent on the *products* of mining represented 13.4 percent of total U.S. GDP in 2007.

THE ECONOMIC CONTRIBUTIONS OF U.S. MINING

In 2007, U.S. mining produced \$98.4 billion of finished mineral, metal and fuel products. These building block materials were further transformed by consuming industries into consumer and industrial goods creating an additional \$1.8 trillion in value added by other mineral, metal and coal consuming industries. The economic contribution of selected mining dependent industries is discussed at the end of this analysis.

Figure 1
Value of U.S. Mining Production



Sources: U.S. Geological Survey, Energy Information Administration

Table 1 - U.S. Mining Snapshot, 2007

Jobs (in thousands)	
Operators	269.8
Contractors	<u>106.5</u>
Direct mining jobs	376.3
Indirect jobs	<u>1,079.4</u>
Total jobs	1,455.7
Total Compensation (\$ million)	
Total payroll	22,130
Benefits* (excl. FICA)	<u>5,084</u>
Total compensation	27,214
Taxes on Mining Industry Payroll (\$ million)	
Federal personal income tax	3,380
State & local personal income tax	740
FICA	<u>3,160</u>
Total personal income and payroll taxes	7,280
Corporate Taxes (\$ million)	
Federal corporate income tax (2005)	1,177
Taxes on production and imports (2006)**	4,436
<i>Includes:</i>	
Federal royalties and other mineral revenues	1,175
Abandoned mine lands fees	305
Black lung fees	643
Charitable Contributions (\$ million) (2005)	73.2
Value of Production (\$ million)	98,430
Exports (\$ million)	11,400
* includes insurance and pensions	
** includes state & local non-personal property taxes, licenses, sales, gross receipts taxes, and federal excise taxes	

Note: Data are for 2007 except as noted

Sources: Mine Safety and Health Administration, Bureau of Labor Statistics, Bureau of Economic Analysis, Internal Revenue Service, Minerals Management Service, U.S. Department of Labor, U.S. Department of the Interior, U.S. Geological Survey, Energy Information Administration, International Trade Administration, Moore Economics

While U.S. mining is an essential contributor to the economy, both in terms of its own economic impact and the value to other industries of its products, import reliance on several key materials is growing. Though domestic sources of these materials may be available, they are not always accessible for extraction for a variety of reasons. Some mines are not economic to operate during times when commodity prices are low, while in some cases government barriers to access and other factors prevent new domestic production. Increasingly, demand for these economically critical materials is being met through imports.

Not only does mining contribute to the U.S. economy through the value of the products it provides, it contributes to the economy through the jobs it generates in each state, its purchases from other industries, wages it pays its employees, taxes generated and charitable contributions.

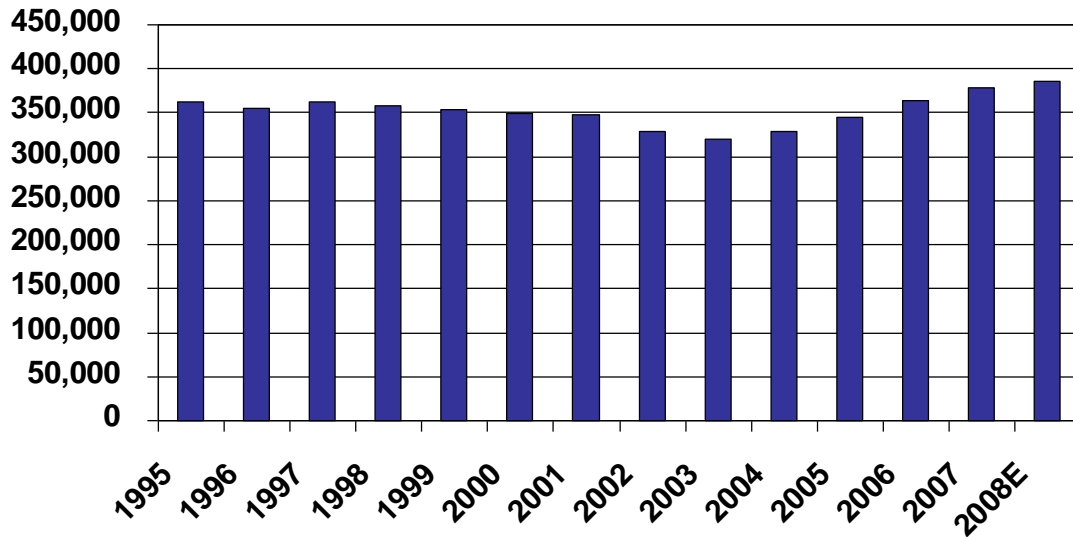
Following a trend of slow decline, employment in the nation's mines has been on the rise since 2005. In 2007, 376,610 workers were employed at mines in the 50 states. This figure includes contract workers and is derived from the Mine Safety and Health Administration (MSHA) Part 50 data and the Energy Information Administration. In 1995, contractor employees represented 17.8 percent of the mining workforce. By 2007, that percentage had risen to 28.2 percent. Because contractors are a vital component of the mining workforce, we have used MSHA employment data throughout this analysis as the basis for mining employment in the United States.

The top ten states in terms of mining employment were West Virginia, Kentucky, Texas, Pennsylvania, Arizona, California, Virginia, Wyoming, Nevada and Colorado. Table 2 presents summary statistics on mining employment by state.

According to the Bureau of Labor Statistics (BLS), the average annual wage in the U.S. mining was more than \$59,000 in 2007, 33 percent higher than the combined average annual wage for all industrial categories, and mining wages totaled \$22.1 billion, including overtime and vacation/sick pay. Total compensation, which includes benefits for insurance and pensions, averaged \$72,300 per worker. The total value of mining industry compensation was \$27.2 billion in 2007.

The value of mineral production was \$98.4 billion in 2007, with \$11.4 billion worth of minerals exported to other nations.

Figure 2
U.S. Mining Employment



Source: MSHA, Moore Economics analysis

According to the Internal Revenue Service (IRS), mining companies paid \$1.2 billion in federal corporate income taxes in 2005, the latest year available. The mining industry is among a handful of industries, including timber and oil and gas extraction, that pay severance taxes on its production. The Bureau of Economic Analysis (BEA) calculates taxes on production and income as part of Gross Domestic Product by state. These data include royalties and severance taxes, property taxes and sales and gross receipts taxes. According to BEA, mining industry taxes on production and imports rose to \$4.4 billion in 2006 from \$3.6 billion in 2004. Table 3 presents taxes on production and imports by state for 2006, the latest year for which data are available by state. Taxes on production and imports include federal royalties and other mineral revenues, which amounted to \$1.2 billion in 2007 and contributions of \$304.9 million and \$643.4 million to the Abandoned Mine Lands and Black Lung funds, respectively. Table 4 shows federal royalties, Abandoned Mine Land collections and estimated Black Lung fees by state. In addition to these taxes, mining companies provide tax revenues on corporate income to state and local authorities. Selected detailed data on state mining industry taxes are available in Appendix A.

The mining industry also gives back to the community through its generous donations to charities. In 2005, the latest year for which data are available from the IRS, charitable contributions made by the mining industry totaled \$73.2 million. Volunteer hours donated by mining industry employees are not included in this calculation.

Table 2 - Summary U.S. Mining Statistics, 2007

	Value of Prod. 2007 (\$ Million)	Exports 2007 (\$ Million)	Employment			Percent Contractors 2007
			Operator 2007	Contractor 2007	Total 2007	
Alabama	2,450	680	7,865	3,849	11,714	33%
Alaska	3,470	1,192	2,360	618	2,978	21%
Arizona	7,600	743	12,196	6,289	18,485	34%
Arkansas	940	2	2,951	714	3,665	19%
California	4,400	130	10,990	4,638	15,628	30%
Colorado	2,880	188	6,570	5,880	12,450	47%
Connecticut	190	37	1,101	84	1,185	7%
Delaware	40	0	90	20	110	18%
District of Columbia	-	5	-	-	-	n/a
Florida	3,200	59	6,735	3,776	10,511	36%
Georgia	2,120	759	7,138	2,683	9,821	27%
Hawaii	160	1	577	58	635	9%
Idaho	820	101	2,621	723	3,344	22%
Illinois	2,130	56	7,925	2,769	10,694	26%
Indiana	2,210	19	6,724	2,208	8,932	24%
Iowa	680	81	2,872	669	3,541	19%
Kansas	990	10	2,511	1,185	3,696	32%
Kentucky	6,100	24	19,774	6,310	26,084	24%
Louisiana	480	192	2,322	1,232	3,554	35%
Maine	160	1	922	195	1,117	17%
Maryland	890	248	2,030	1,291	3,321	39%
Massachusetts	440	6	1,405	293	1,698	17%
Michigan	1,920	306	4,683	1,062	5,745	19%
Minnesota	2,560	492	6,051	1,986	8,037	26%
Mississippi	360	9	1,206	542	1,748	31%
Missouri	2,220	416	5,699	2,454	8,153	30%
Montana	1,840	153	5,026	742	5,768	13%
Nebraska	240	0	1,087	210	1,297	18%
Nevada	5,220	576	10,645	2,503	13,148	19%
New Hampshire	120	1	762	87	849	10%
New Jersey	590	53	1,348	236	1,584	16%
New Mexico	2,280	21	5,285	958	6,243	15%
New York	1,340	147	5,179	1,104	6,283	18%
North Carolina	990	121	5,535	2,034	7,569	29%
North Dakota	430	1	1,604	479	2,083	23%
Ohio	1,930	227	7,624	3,400	11,024	31%
Oklahoma	730	18	2,974	554	3,528	16%
Oregon	510	91	2,345	581	2,926	20%
Pennsylvania	4,140	448	14,843	7,052	21,895	32%
Rhode Island	50	1	256	7	263	3%
South Carolina	570	26	1,389	1,154	2,543	46%
South Dakota	230	11	1,476	226	1,702	14%
Tennessee	930	50	4,525	1,454	5,979	24%
Texas	3,790	274	16,722	6,982	23,704	29%
Utah	4,600	550	6,324	3,597	9,921	36%
Vermont	100	31	1,143	128	1,271	10%
Virginia	2,800	1,174	9,535	4,972	14,507	34%
Washington	690	240	3,110	781	3,891	20%
West Virginia	7,600	825	21,755	11,531	33,286	34%
Wisconsin	560	27	3,441	1,049	4,490	27%
Wyoming	6,750	70	10,578	3,065	13,643	22%
United States	98,430	10,894	269,467	106,417	376,310	28%
Other*	637	505	1,947	292	2,239	14%
U.S. & Territories	99,067	11,400	271,414	106,709	378,549	28%

*Unallocated, Puerto Rico, Virgin Islands

Sources: U.S. Geological Survey, Bureau of Economic Analysis, Mine Safety and Health Administration, Energy Information Administration

Table 3 - U.S. Mining Taxes on Production and Imports, 2006

	(\$ million)		(\$ million)
Alabama	71	Montana	220
Alaska	26	Nebraska	11
Arizona	125	Nevada	142
Arkansas	24	New Hampshire	7
California	53	New Jersey	18
Colorado	145	New Mexico	158
Connecticut	11	New York	43
Delaware	n/a	North Carolina	35
District of Columbia	-	North Dakota	33
Florida	107	Ohio	84
Georgia	78	Oklahoma	13
Hawaii	2	Oregon	14
Idaho	22	Pennsylvania	167
Illinois	117	Rhode Island	3
Indiana	120	South Carolina	13
Iowa	17	South Dakota	10
Kansas	16	Tennessee	33
Kentucky	505	Texas	115
Louisiana	36	Utah	84
Maine	1	Vermont	7
Maryland	15	Virginia	98
Massachusetts	16	Washington	32
Michigan	56	West Virginia	670
Minnesota	104	Wisconsin	39
Mississippi	15	Wyoming	635
Missouri	72	United States	4,436

Note: Consists of Federal excise taxes and customs duties, state and local sales taxes, property taxes (including residential real estate taxes), motor vehicle licenses, severance taxes, and special assessments. Source: Bureau of Economic Analysis

Table 4 - Federal Royalties, Abandoned Mine Lands Fee Collections and Black Lung Fees

	Federal Royalties* 2007 (\$ thousand)	Abandoned Mine Lands 2006 (\$ thousand)	Black Lung Fund 2007 (\$ thousand)
Alabama	(1,945)	4,509	19,500
Alaska	183	535	100
Arizona	51,974	-	700
Arkansas	(21)	8	100
California	3,438	-	-
Colorado	60,350	7,078	46,100
Connecticut	-	-	-
Delaware	-	-	-
District of Columbia	-	-	-
Florida	11	-	-
Georgia	-	-	-
Hawaii	-	-	-
Idaho	2,302	-	-
Illinois	-	6,050	44,500
Indiana	-	9,599	19,400
Iowa	-	-	-
Kansas	(53)	175	-
Kentucky	3,246	26,120	117,500
Louisiana	1,224	337	300
Maine	-	-	-
Maryland	-	933	1,100
Massachusetts	-	-	-
Michigan	0	-	-
Minnesota	51	-	-
Mississippi	(745)	362	300
Missouri	14,904	84	-
Montana	45,692	11,943	3,600
Nebraska	-	-	-
Nevada	569	-	-
New Hampshire	-	-	-
New Jersey	-	-	-
New Mexico	174,297	3,498	12,800
New York	-	-	-
North Carolina	-	-	-
North Dakota	1,418	3,042	2,400
Ohio	1	4,617	26,500
Oklahoma	1,065	520	900
Oregon	-	-	-
Pennsylvania	-	12,251	88,900
Rhode Island	-	-	-
South Carolina	1	-	-
South Dakota	(2)	-	-
Tennessee	-	730	1,600
Texas	(433)	4,315	3,400
Utah	34,891	3,541	39,900
Vermont	-	-	-
Virginia	79	5,892	26,600
Washington	927	376	-
West Virginia	7	34,864	145,100
Wisconsin	-	-	-
Wyoming	784,892	154,053	41,700
United States	1,174,613	295,431	643,400
Native American	-	9,449	-
Total United States	1,174,613	304,880	643,400

*includes other mineral revenues

Notes: Black Lung Fund contributions were allocated to states based on coal production. Negative numbers for federal royalties represent adjustments from prior years.

Sources: Minerals Management Service, Department of the Interior, Department of Labor, state mining associations.

Payroll earnings and other compensation paid to employees and contractors and taxes are only some of the important economic impacts of mining. In reality, the impact goes well beyond the mining industry. The wages paid to mining employees and contractors are spent on housing, food, motor vehicles and other consumer goods. And the mining industry purchases raw materials, supplies, equipment, energy, transportation services, business and other services. Each of the businesses that supply goods and services to mining also purchase goods and services from their suppliers and pay wages and taxes. And, thus, the cycle continues. The true economic impact of U.S. mining is the sum of these cycles of spending and re-spending. This is also known as the *multiplier effect*.

The total economic impact of an industry can be measured using input-output analysis. Detailed data on inter-industry flows of revenues are collected by the Bureau of Economic Analysis, and using techniques pioneered by Nobel prize winning economist Wassily Leontif, multipliers are constructed for each industry for a particular region. In this analysis, the 50 states and the United States, as a whole, are examined. The multiplier concept is relatively simple, each dollar of final demand (i.e., mining value of production) requires x dollars of input from each of 20 major industries. Thus, each dollar of the \$98.4 billion in mining revenue required \$2.45 of output from the economy, including the mining industry, a total of \$240.5 billion from all sectors of the economy. Multipliers are calculated for each state and each industry. Multipliers can also be expressed as direct effects. For example, each job in the mining industry requires the output equivalent to a total of 3.9 workers.

Thus, excluding the one mining job, each mining job creates an *additional* 2.9 jobs in other sectors of the economy. As a result, a total of 1.46 million jobs were generated by the mining industry in the United States in 2007. A similar calculation can be made to estimate the total payroll impact generated by the mining industry. Total mining payroll of \$22.1 billion generated a total of \$64.6 billion in payroll throughout the economy. Payroll refers to the wage and salary earnings, including overtime, paid to employees. Tax revenues on personal income can be estimated using effective average tax rates calculated from IRS data for each state and the U.S. Similarly, both the employer and employee social security and Medicare taxes (FICA) can be calculated as a percentage of payroll. Payroll generated by the mining industry generated \$21.6 billion in personal income and payroll taxes. Due to data constraints, including the wide variation in corporate income tax rates within industries and states, we have not estimated the corporate income tax revenue impacts.

Table 5 presents a summary of the economic impact of the three component mining industry sectors on the economy. Table 6 shows the economic impact by industry of the mining industry through the business activity it generates. Tables 7-10 detail the mining industry's impact on output, employment, payroll and taxes on personal income and payroll for each state. Please note that data in tables may not sum to published totals due to independent rounding.

Table 5 - Summary of Economic Impact of U.S. Mining, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Output (\$ million)					
Coal mining	30,040	29,170	19,990	49,160	79,200
Metal mining	25,130	16,080	17,530	33,610	58,740
Nonmetallic mineral mining	<u>43,180</u>	<u>33,260</u>	<u>26,160</u>	<u>59,420</u>	<u>102,600</u>
Total Mining Output	98,430	78,490	63,610	142,100	240,530
Employment					
Coal mining	122,930	263,640	168,080	431,720	554,650
Metal mining	49,240	107,340	91,790	199,130	248,380
Nonmetallic mineral mining	<u>204,130</u>	<u>233,930</u>	<u>214,650</u>	<u>448,580</u>	<u>652,710</u>
Total Mining Employment	376,310	604,910	474,520	1,079,430	1,455,740
Payroll (\$ million)					
Coal mining	8,190	10,400	5,850	16,250	24,440
Metal mining	3,520	5,160	3,810	8,970	12,510
Nonmetallic mineral mining	<u>10,430</u>	<u>9,450</u>	<u>7,840</u>	<u>17,290</u>	<u>27,720</u>
Total Mining Payroll	22,130	24,980	17,530	42,510	64,640
Personal Income and Payroll Taxes (\$ million)					
Coal mining	2,630	3,370	2,050	5,420	8,050
Metal mining	1,150	1,680	1,330	3,010	4,180
Nonmetallic mineral mining	<u>3,500</u>	<u>3,180</u>	<u>2,710</u>	<u>5,890</u>	<u>9,390</u>
Total Mining PI and Payroll Taxes	7,280	8,230	6,090	14,320	21,620

Totals may not sum due to independent rounding.

Personal Income (PI) and Payroll Taxes (\$ million)	Federal	State & Local	Total Personal Income Tax	FICA	Total Tax Revenues Generated
Coal mining	3,670	830	4,500	3,550	8,050
Metal mining	1,980	390	2,370	1,810	4,180
Nonmetallic mineral mining	<u>4,380</u>	<u>990</u>	<u>5,360</u>	<u>4,030</u>	<u>9,390</u>
Total Mining PI and Payroll Taxes	10,020	2,210	12,230	9,390	21,620

Totals may not sum due to independent rounding.

Table 6 - Total Economic Impact of U.S. Mining by Selected Industry, 2007

	Output (\$ million)	Employment	Payroll (\$ million)
Agriculture	1,570	20,180	300
Mining	109,220	412,210	27,230
Utilities	3,940	6,350	590
Construction	760	8,090	300
Manufacturing	27,310	89,940	4,590
Wholesale Trade	7,390	48,760	2,440
Retail Trade	7,800	129,590	2,540
Transportation	9,770	75,500	2,930
Information	6,670	21,610	1,170
Finance, Insurance & Real Estate	28,730	127,540	7,710
Business Services	15,550	155,390	6,440
Education & Health Care	11,770	172,090	5,270
Accommodation and Other Services	<u>10,060</u>	<u>188,480</u>	<u>3,130</u>
Total United States	240,530	1,455,740	64,640

Totals may not sum due to independent rounding.

Table 7 - Output Generated by U.S. Mining (\$ million), 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	2,450	2,450	740	3,190	5,640
Alaska	3,470	1,700	120	1,820	5,290
Arizona	7,600	3,080	1,030	4,110	11,710
Arkansas	940	610	470	1,080	2,020
California	4,400	3,830	8,330	12,160	16,560
Colorado	2,880	2,710	1,020	3,730	6,610
Connecticut	190	100	1,090	1,190	1,380
Delaware	40	20	340	360	400
District of Columbia	-	-	290	290	290
Florida	3,200	1,970	2,910	4,880	8,080
Georgia	2,120	1,670	1,880	3,550	5,670
Hawaii	160	90	210	300	460
Idaho	820	470	230	700	1,520
Illinois	2,130	2,360	3,050	5,410	7,540
Indiana	2,210	2,120	1,460	3,580	5,790
Iowa	680	410	670	1,080	1,760
Kansas	990	760	550	1,310	2,300
Kentucky	6,100	6,670	780	7,450	13,550
Louisiana	480	300	690	990	1,470
Maine	160	70	230	300	460
Maryland	890	550	1,060	1,610	2,500
Massachusetts	440	250	1,780	2,030	2,470
Michigan	1,920	1,420	2,300	3,720	5,640
Minnesota	2,560	2,160	1,280	3,440	6,000
Mississippi	360	250	400	650	1,010
Missouri	2,220	1,880	1,190	3,070	5,290
Montana	1,840	1,080	130	1,210	3,050
Nebraska	240	140	400	540	780
Nevada	5,220	2,530	440	2,970	8,190
New Hampshire	120	70	290	360	480
New Jersey	590	440	2,300	2,740	3,330
New Mexico	2,280	1,680	260	1,940	4,220
New York	1,340	700	4,960	5,660	7,000
North Carolina	990	690	2,050	2,740	3,730
North Dakota	430	380	120	500	930
Ohio	1,930	1,830	2,540	4,370	6,300
Oklahoma	730	600	520	1,120	1,850
Oregon	510	330	710	1,040	1,550
Pennsylvania	4,140	4,580	2,740	7,320	11,460
Rhode Island	50	30	220	250	300
South Carolina	570	370	750	1,120	1,690
South Dakota	230	120	170	290	520
Tennessee	930	710	1,250	1,960	2,890
Texas	3,800	4,000	4,500	8,500	12,300
Utah	4,590	4,160	440	4,600	9,190
Vermont	100	50	110	160	260
Virginia	2,800	2,610	1,680	4,290	7,090
Washington	690	580	1,350	1,930	2,620
West Virginia	7,600	7,020	220	7,240	14,840
Wisconsin	560	360	1,290	1,650	2,210
Wyoming	<u>6,750</u>	<u>5,520</u>	<u>90</u>	<u>5,610</u>	<u>12,360</u>
United States	98,430	78,490	63,610	142,100	240,530

Totals may not sum due to independent rounding.

Table 8 - Employment Generated by U.S. Mining, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	11,710	21,150	6,660	27,810	39,520
Alaska	2,980	9,770	1,170	10,940	13,920
Arizona	18,480	26,310	8,050	34,360	52,840
Arkansas	3,670	5,430	4,380	9,810	13,480
California	15,630	26,380	55,470	81,850	97,480
Colorado	12,450	21,840	7,840	29,680	42,130
Connecticut	1,190	730	6,590	7,320	8,510
Delaware	110	120	1,600	1,720	1,830
District of Columbia	-	-	1,860	1,860	1,860
Florida	10,520	17,410	27,530	44,940	55,460
Georgia	9,820	14,040	14,030	28,070	37,890
Hawaii	640	840	1,900	2,740	3,380
Idaho	3,340	4,540	2,090	6,630	9,970
Illinois	10,700	19,490	21,920	41,410	52,110
Indiana	8,930	16,410	10,260	26,670	35,600
Iowa	3,540	3,970	5,100	9,070	12,610
Kansas	3,700	5,860	4,420	10,280	13,980
Kentucky	26,080	52,880	5,880	58,760	84,840
Louisiana	3,560	3,360	6,780	10,140	13,700
Maine	1,120	740	2,200	2,940	4,060
Maryland	3,320	4,370	8,420	12,790	16,110
Massachusetts	1,700	1,890	12,440	14,330	16,030
Michigan	5,740	10,360	15,750	26,110	31,850
Minnesota	8,040	14,910	9,770	24,680	32,720
Mississippi	1,750	2,050	3,950	6,000	7,750
Missouri	8,160	13,000	9,620	22,620	30,780
Montana	5,770	9,130	1,320	10,450	16,220
Nebraska	1,300	1,480	3,100	4,580	5,880
Nevada	13,150	17,960	3,660	21,620	34,770
New Hampshire	850	610	2,270	2,880	3,730
New Jersey	1,590	2,710	14,950	17,660	19,250
New Mexico	6,240	12,340	2,350	14,690	20,930
New York	6,290	4,370	30,970	35,340	41,630
North Carolina	7,570	6,750	13,700	20,450	28,020
North Dakota	2,090	2,720	1,000	3,720	5,810
Ohio	11,020	15,830	19,130	34,960	45,980
Oklahoma	3,530	5,100	4,700	9,800	13,330
Oregon	2,920	2,940	6,470	9,410	12,330
Pennsylvania	21,900	39,430	20,540	59,970	81,870
Rhode Island	260	210	1,660	1,870	2,130
South Carolina	2,550	3,510	6,510	10,020	12,570
South Dakota	1,700	1,320	1,250	2,570	4,270
Tennessee	5,980	6,240	9,420	15,660	21,640
Texas	23,710	33,260	32,450	65,710	89,420
Utah	9,920	30,450	3,670	34,120	44,040
Vermont	1,270	520	1,040	1,560	2,830
Virginia	14,510	22,730	12,130	34,860	49,370
Washington	3,890	4,740	10,200	14,940	18,830
West Virginia	33,290	52,610	2,910	55,520	88,810
Wisconsin	4,490	4,170	9,750	13,920	18,410
Wyoming	<u>13,640</u>	<u>25,930</u>	<u>3,690</u>	<u>29,620</u>	<u>43,260</u>
United States	376,310	604,910	474,520	1,079,430	1,455,740

Totals may not sum due to independent rounding.

Table 9 - Payroll Generated by U.S. Mining (\$ million), 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	680	790	200	990	1,670
Alaska	240	540	20	560	800
Arizona	1,110	1,130	280	1,410	2,520
Arkansas	160	200	120	320	480
California	970	1,240	2,290	3,530	4,500
Colorado	810	930	290	1,220	2,030
Connecticut	70	30	320	350	420
Delaware	5	-	70	70	75
District of Columbia	-	-	110	110	110
Florida	600	730	850	1,580	2,180
Georgia	570	550	510	1,060	1,630
Hawaii	50	30	60	90	140
Idaho	180	150	60	210	390
Illinois	690	830	870	1,700	2,390
Indiana	520	640	360	1,000	1,520
Iowa	150	130	160	290	440
Kansas	150	230	130	360	510
Kentucky	1,550	2,210	190	2,400	3,950
Louisiana	210	120	160	280	490
Maine	40	30	50	80	120
Maryland	170	200	320	520	690
Massachusetts	90	80	570	650	740
Michigan	360	480	640	1,120	1,480
Minnesota	510	680	390	1,070	1,580
Mississippi	70	70	110	180	250
Missouri	420	570	320	890	1,310
Montana	380	330	30	360	740
Nebraska	60	40	110	150	210
Nevada	970	800	130	930	1,900
New Hampshire	40	20	80	100	140
New Jersey	90	130	660	790	880
New Mexico	380	510	60	570	950
New York	320	220	1,510	1,730	2,050
North Carolina	490	230	440	670	1,160
North Dakota	140	100	20	120	260
Ohio	560	640	670	1,310	1,870
Oklahoma	150	180	150	330	480
Oregon	140	100	200	300	440
Pennsylvania	1,220	1,690	750	2,440	3,660
Rhode Island	10	10	60	70	80
South Carolina	120	120	180	300	420
South Dakota	70	30	40	70	140
Tennessee	330	230	320	550	880
Texas	1,190	1,230	1,140	2,370	3,560
Utah	580	1,310	120	1,430	2,010
Vermont	60	20	30	50	110
Virginia	810	920	440	1,360	2,170
Washington	210	180	370	550	760
West Virginia	2,240	2,140	70	2,210	4,450
Wisconsin	220	120	340	460	680
Wyoming	990	1,090	150	1,240	2,230
United States	22,130	24,980	17,530	42,510	64,640

Totals may not sum due to independent rounding.

Table 10 - Personal Income and Payroll Tax Revenues Generated by U.S. Mining (\$ million), 2007

	Federal	State & Local	Total Personal Income Tax	FICA	Total Tax Revenues Generated
Alabama	231	45	276	243	519
Alaska	132	-	132	117	249
Arizona	380	78	458	366	824
Arkansas	64	16	80	70	150
California	771	274	1,045	655	1,700
Colorado	331	76	407	296	703
Connecticut	89	24	113	61	174
Delaware	14	6	20	10	30
District of Columbia	17	5	22	16	38
Florida	409	-	409	317	726
Georgia	236	71	307	236	543
Hawaii	21	7	28	21	49
Idaho	51	18	69	56	125
Illinois	407	63	470	346	816
Indiana	211	49	260	222	482
Iowa	59	18	77	64	141
Kansas	74	19	93	75	168
Kentucky	528	188	716	574	1,290
Louisiana	69	10	79	72	151
Maine	17	6	23	18	41
Maryland	112	46	158	101	259
Massachusetts	139	38	177	109	286
Michigan	222	50	272	216	488
Minnesota	245	85	330	229	559
Mississippi	31	7	38	36	74
Missouri	189	49	238	189	427
Montana	105	33	138	108	246
Nebraska	28	7	35	29	64
Nevada	354	-	354	276	630
New Hampshire	22	-	22	21	43
New Jersey	160	41	201	126	327
New Mexico	127	33	160	138	298
New York	388	149	537	297	834
North Carolina	161	59	220	169	389
North Dakota	36	4	40	38	78
Ohio	263	92	355	272	627
Oklahoma	67	20	87	70	157
Oregon	64	30	94	64	158
Pennsylvania	573	125	698	532	1,230
Rhode Island	12	4	16	12	28
South Carolina	56	19	75	61	136
South Dakota	22	-	22	20	42
Tennessee	131	-	131	129	260
Texas	576	-	576	517	1,093
Utah	251	91	342	292	634
Vermont	15	3	18	15	33
Virginia	350	97	447	316	763
Washington	131	-	131	112	243
West Virginia	565	124	689	647	1,336
Wisconsin	97	34	131	98	229
Wyoming	413	-	413	319	732
United States	10,020	2,210	12,230	9,390	21,620

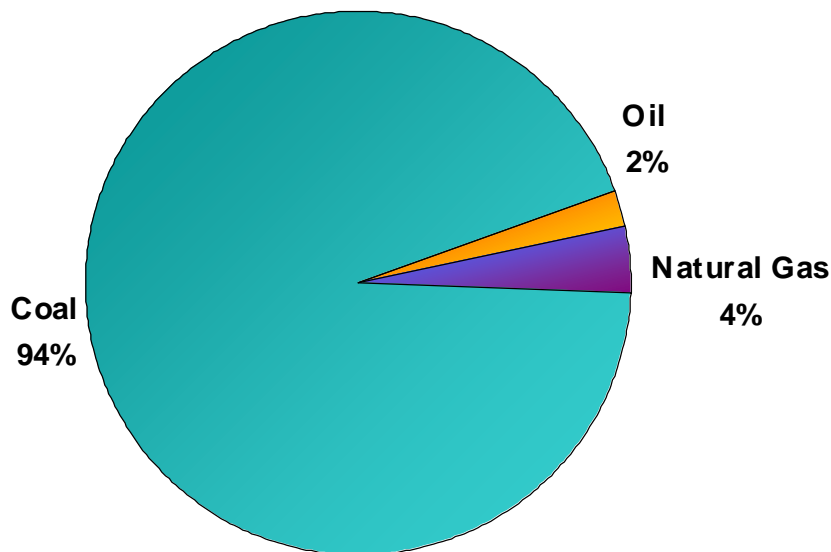
Totals may not sum due to independent rounding.

ECONOMIC CONTRIBUTIONS OF U.S. COAL MINING

Coal is essential to the U.S. economy. About half of the nation's electricity is generated from this solid fuel. In addition, coal is a critical raw material in the production of the steel used in structural beams for skyscrapers, cars and trucks, etc. Coal is also a raw material for the petrochemical sector, which uses it to produce methanol that ends up in products such as plywood (binding resin), plastic bottles (via acetic acid) and acrylic glazing for traffic signs and automotive coatings, just to name a few.

Coal is the most abundant fossil energy resource in the United States and the world. Based on current production rates, the U.S. has coal reserves to last 240 years. In fact, on a British thermal unit (BTU) basis, 94 percent of U.S. fossil energy reserves are coal.

Figure 3
U.S. Fossil Energy Reserves, 2007



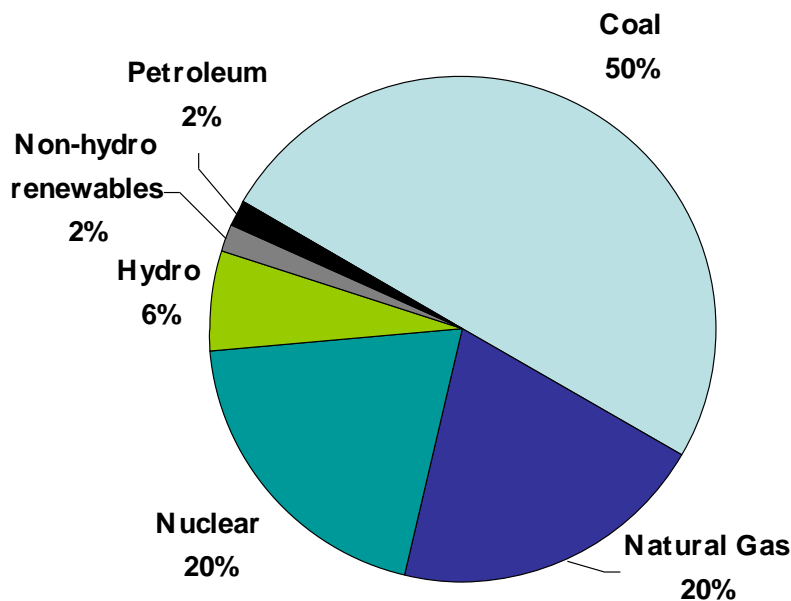
Source: Energy Information Administration

Coal-based electric generation continues to be the single largest source of U.S. electricity supply. In 2007, coal accounted for half of net electric generation. Coal competes in the electricity generating sector with other fuels, such as petroleum, natural gas, nuclear, hydroelectric and renewable sources such as solar, wind and biomass. As the prices of oil and natural gas reached historic highs during the past several years, coal continues to be the workhorse fuel of choice at electric generators throughout the country. As shown in Table 11, the \$30.0 billion in coal mined generated a total of \$79.2 billion in economic output in the United States in 2007.

In 2007, coal mines employed a total of 122,940, including 38,865 contractors. The largest states for coal mining employment were West Virginia (31,700), Kentucky (22,760), Pennsylvania (11,170), Virginia (9,270) and Wyoming (8,600). For each job in coal mining, an *additional* 3.5 jobs are created elsewhere in the economy - a total of 4.5 jobs including coal miners. Coal mining in the U.S. generated a total of 554,650 jobs during 2007 as presented in Table 12.

Table 13 shows that total payroll (wages and salaries, including overtime and vacation/sick pay) in the coal mining industry were \$8.2 billion in 2007. The coal mining industry generated a total of \$24.4 billion in payroll. This payroll in turn generated \$8.1 billion in personal income and payroll taxes as shown in Table 14.

Figure 4
U.S. Electricity Net Generation by Fuel: Electric Power Sector, 2007



Source: Energy Information Administration

Table 11 - Output Generated by U.S. Coal Mining (\$ million), 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	1,100	1,180	230	1,410	2,510
Alaska	40	20	20	40	80
Arizona	220	90	320	410	630
Arkansas	20	10	140	150	170
California	-	-	2,660	2,660	2,660
Colorado	930	910	320	1,230	2,160
Connecticut	-	-	350	350	350
Delaware	-	-	110	110	110
District of Columbia	-	-	100	100	100
Florida	-	-	970	970	970
Georgia	-	-	590	590	590
Hawaii	-	-	70	70	70
Idaho	-	-	70	70	70
Illinois	900	1,070	970	2,040	2,940
Indiana	1,210	1,230	440	1,670	2,880
Iowa	-	-	210	210	210
Kansas	10	10	170	180	190
Kentucky	5,180	5,800	230	6,030	11,210
Louisiana	80	50	190	240	320
Maine	-	-	70	70	70
Maryland	160	100	340	440	600
Massachusetts	-	-	570	570	570
Michigan	-	-	720	720	720
Minnesota	-	-	410	410	410
Mississippi	100	60	120	180	280
Missouri	-	-	380	380	380
Montana	540	330	40	370	910
Nebraska	-	-	120	120	120
Nevada	-	-	150	150	150
New Hampshire	-	-	90	90	90
New Jersey	-	-	740	740	740
New Mexico	750	550	70	620	1,370
New York	-	-	1,630	1,630	1,630
North Carolina	-	-	640	640	640
North Dakota	360	320	40	360	720
Ohio	680	680	790	1,470	2,150
Oklahoma	40	40	150	190	230
Oregon	-	-	220	220	220
Pennsylvania	2,370	2,800	860	3,660	6,030
Rhode Island	-	-	70	70	70
South Carolina	-	-	230	230	230
South Dakota	-	-	50	50	50
Tennessee	80	70	390	460	540
Texas	850	880	1,300	2,180	3,030
Utah	640	590	140	730	1,370
Vermont	-	-	40	40	40
Virginia	1,690	1,690	530	2,220	3,910
Washington	-	-	440	440	440
West Virginia	7,380	6,840	70	6,910	14,290
Wisconsin	-	-	400	400	400
Wyoming	4,710	3,850	20	3,870	8,580
United States	30,040	29,170	19,990	49,160	79,200

Totals may not sum due to independent rounding.

Table 12 - Employment Generated by U.S. Coal Mining, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	5,390	11,460	2,310	13,770	19,160
Alaska	100	150	280	430	530
Arizona	510	1,110	2,870	3,980	4,490
Arkansas	270	560	1,550	2,110	2,380
California	-	-	20,720	20,720	20,720
Colorado	3,610	9,780	2,720	12,500	16,110
Connecticut	-	-	2,510	2,510	2,510
Delaware	-	-	600	600	600
District of Columbia	-	-	690	690	690
Florida	230	520	10,430	10,950	11,180
Georgia	-	-	5,070	5,070	5,070
Hawaii	-	-	730	730	730
Idaho	-	-	750	750	750
Illinois	5,280	12,620	7,980	20,600	25,880
Indiana	4,630	10,900	3,700	14,600	19,230
Iowa	-	-	1,860	1,860	1,860
Kansas	100	220	1,490	1,710	1,810
Kentucky	22,760	48,600	1,770	50,370	73,130
Louisiana	370	760	1,690	2,450	2,820
Maine	-	-	830	830	830
Maryland	1,300	2,160	3,120	5,280	6,580
Massachusetts	30	70	4,630	4,680	4,710
Michigan	-	-	5,760	5,760	5,760
Minnesota	-	-	3,550	3,550	3,550
Mississippi	190	430	1,390	1,820	2,010
Missouri	260	930	3,490	4,420	4,680
Montana	1,050	2,980	420	3,400	4,450
Nebraska	-	-	1,140	1,140	1,140
Nevada	-	-	1,250	1,250	1,250
New Hampshire	-	-	840	840	840
New Jersey	-	-	5,500	5,500	5,500
New Mexico	1,660	3,680	620	4,300	5,960
New York	-	-	11,620	11,620	11,620
North Carolina	-	-	5,050	5,050	5,050
North Dakota	1,280	2,290	290	2,580	3,860
Ohio	3,910	8,740	6,850	15,590	19,500
Oklahoma	230	580	1,280	1,860	2,090
Oregon	-	-	2,440	2,440	2,440
Pennsylvania	11,170	30,670	7,260	37,930	49,100
Rhode Island	-	-	620	620	620
South Carolina	-	-	2,420	2,420	2,420
South Dakota	-	-	450	450	450
Tennessee	1,030	1,690	3,410	5,100	6,130
Texas	4,430	12,230	9,810	22,040	26,470
Utah	3,470	9,150	1,230	10,380	13,850
Vermont	-	-	400	400	400
Virginia	9,270	18,060	4,330	22,390	31,660
Washington	100	240	3,860	4,100	4,200
West Virginia	31,700	52,280	570	52,850	84,550
Wisconsin	-	-	3,580	3,580	3,580
Wyoming	<u>8,600</u>	<u>20,800</u>	<u>350</u>	<u>21,150</u>	<u>29,750</u>
United States	122,930	263,640	168,080	431,720	554,650

Totals may not sum due to independent rounding.

Table 13- Payroll Generated by U.S. Coal Mining (\$ million), 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	370	410	70	480	850
Alaska	10	10	-	10	20
Arizona	40	40	90	130	170
Arkansas	10	10	50	60	70
California	-	-	810	810	810
Colorado	270	390	90	480	750
Connecticut	-	-	120	120	120
Delaware	-	-	20	20	20
District of Columbia	-	-	40	40	40
Florida	20	20	300	320	340
Georgia	-	-	180	180	180
Hawaii	-	-	20	20	20
Idaho	-	-	20	20	20
Illinois	370	540	290	830	1,200
Indiana	320	400	130	530	850
Iowa	-	-	50	50	50
Kansas	10	10	40	50	60
Kentucky	1,390	2,000	60	2,060	3,450
Louisiana	30	30	40	70	100
Maine	-	-	20	20	20
Maryland	60	80	120	200	260
Massachusetts	*	-	210	210	210
Michigan	-	-	220	220	220
Minnesota	-	-	130	130	130
Mississippi	10	20	40	60	70
Missouri	20	30	110	140	160
Montana	70	110	10	120	190
Nebraska	-	-	40	40	40
Nevada	-	-	40	40	40
New Hampshire	-	-	20	20	20
New Jersey	-	-	230	230	230
New Mexico	130	150	10	160	290
New York	-	-	550	550	550
North Carolina	-	-	150	150	150
North Dakota	100	90	-	90	190
Ohio	230	340	230	570	800
Oklahoma	20	20	40	60	80
Oregon	-	-	70	70	70
Pennsylvania	720	1,260	250	1,510	2,230
Rhode Island	-	-	20	20	20
South Carolina	-	-	60	60	60
South Dakota	-	-	10	10	10
Tennessee	50	60	110	170	220
Texas	320	390	260	650	970
Utah	230	320	40	360	590
Vermont	-	-	10	10	10
Virginia	570	710	150	860	1,430
Washington	10	10	130	140	150
West Virginia	2,160	2,120	10	2,130	4,290
Wisconsin	-	-	120	120	120
Wyoming	<u>650</u>	<u>830</u>	<u>20</u>	<u>850</u>	<u>1,500</u>
United States	8,190	10,400	5,850	16,250	24,440

* less than \$2 million

Totals may not sum due to independent rounding.

Table 14 - Personal Income and Payroll Tax Revenues Generated by U.S. Coal Mining (\$ million), 2007

	Federal	State & Local	Total Personal Income Tax	FICA	Total Tax Revenues Generated
Alabama	117	23	140	124	264
Alaska	3	-	3	3	6
Arizona	26	5	31	25	56
Arkansas	9	2	11	10	21
California	139	49	188	118	306
Colorado	122	28	150	109	259
Connecticut	25	7	32	17	49
Delaware	4	2	6	3	9
District of Columbia	6	2	8	6	14
Florida	64	-	64	49	113
Georgia	26	8	34	26	60
Hawaii	3	1	4	3	7
Idaho	3	1	4	3	7
Illinois	205	32	237	174	411
Indiana	118	27	145	124	269
Iowa	7	2	9	7	16
Kansas	9	2	11	9	20
Kentucky	461	164	625	501	1,126
Louisiana	14	2	16	15	31
Maine	3	1	4	3	7
Maryland	42	17	59	38	97
Massachusetts	39	11	50	31	81
Michigan	33	7	40	32	72
Minnesota	20	7	27	19	46
Mississippi	9	2	11	10	21
Missouri	23	6	29	23	52
Montana	27	8	35	28	63
Nebraska	6	1	7	6	13
Nevada	7	-	7	6	13
New Hampshire	3	-	3	3	6
New Jersey	42	11	53	33	86
New Mexico	39	10	49	42	91
New York	104	40	144	80	224
North Carolina	21	8	29	22	51
North Dakota	26	3	29	28	57
Ohio	112	39	151	116	267
Oklahoma	11	3	14	12	26
Oregon	10	5	15	10	25
Pennsylvania	349	76	425	324	749
Rhode Island	3	1	4	3	7
South Carolina	8	3	11	9	20
South Dakota	2	-	2	1	3
Tennessee	32	-	32	32	64
Texas	157	-	157	141	298
Utah	74	27	101	86	187
Vermont	1	-	1	1	2
Virginia	230	64	294	208	502
Washington	26	-	26	22	48
West Virginia	546	119	665	624	1,289
Wisconsin	17	6	23	17	40
Wyoming	<u>282</u>	-	<u>282</u>	<u>218</u>	<u>500</u>
United States	3,670	830	4,500	3,550	8,050

Totals may not sum due to independent rounding.

ECONOMIC CONTRIBUTIONS OF U.S. METAL MINING

The earth's crust is rich with metal ores and transforming these ores into metal tools is widely cited as one of the first major technological advances in human history. The different chemical properties of metals make them essential in a variety of applications including, electronics, structural supports, durable tools, strong fasteners, etc. Gold and other precious metals are used to store and display wealth. Uranium is a metal used to power the nation's nuclear power sector. All of these metal materials enable our modern economy.

The value of metals is highly correlated with world economic growth. As economic growth accelerates, so does demand for manufactured goods. World economic growth increased by 5.0 percent in 2007, with China and other emerging markets leading the way. As a result, prices for metals, energy and other commodities increased during 2007. This led to, along with increasing volumes, a large increase in the value of production for 2007.

U.S. mines produced \$25.0 billion worth of metal ores during 2007. Table 15 shows the value of metal ore production by type of metal in 2007.

Table 15 - Value of U.S. Metal Ore Mining, 2007

<u>Metal</u>	<u>\$ billion</u>	<u>Largest Producers</u>
Iron	3.13	Michigan, Minnesota
Copper	8.43	Arizona, Utah, New Mexico, Nevada and Montana
Lead	1.20	Missouri, Alaska, Idaho, Montana, Washington
Zinc	2.64	Alaska, Missouri, Montana and Washington
Gold	5.10	Alaska and Western states
Silver	0.50	Alaska and Western states
Molybdenum	3.80	Colorado, Idaho, New Mexico; co-produced with copper in Arizona, Montana, New Mexico and Utah
Uranium	0.13	Wyoming, Texas, Nebraska, Utah, and Colorado
Other metal ores	0.20	
Total metal mining	25.13	

Source: U.S. Geological Survey, Energy Information Administration

Within the metal mining industry, the economic impact of three component segments is included in this analysis. Table 15 details the economic impact of the iron ore, copper nickel, lead, zinc, gold, silver and other metal ores segments.

Table 16 shows that \$25.1 billion in metal mining products generated a total of \$58.7 billion in economic output in the United States in 2007.

U.S. metal ore mining employed more than 49,000 miners, including contractors, in 2007. The top ten states for metal mining employment were Arizona, Nevada, Minnesota, Montana, Utah, Texas, Colorado, New Mexico, Alaska and Michigan. Each job in the metal mining industry generates an *additional* 4.1 jobs elsewhere in the economy - a total of 5.1 jobs including the metal miners themselves. Thus, a total of 248,380 jobs were generated by U.S. metal mining. The jobs supported by the metal mining industry generated \$12.5 billion in payroll (wages and salaries, including overtime and vacation/sick pay) and \$4.2 billion in personal income and payroll taxes.

Table 17 provides an overview of key uranium mining statistics.

Tables 18 - 21 provide a summary of the economic impact in terms of output, employment, payroll and personal income and payroll taxes of metal mining in each state.

Table 16 - U.S. Metal Mining Summary, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Employment					
Iron ore	6,830	14,200	10,900	25,100	31,930
Copper, nickel, lead, zinc	18,210	40,800	43,900	84,700	102,910
Gold, silver and other metal ores	<u>24,200</u>	<u>52,340</u>	<u>36,990</u>	<u>89,330</u>	<u>113,540</u>
Total Metal Mining	49,240	107,340	91,790	199,130	248,380
Payroll (\$ million)					
Iron ore	480	840	480	1,320	1,800
Copper, nickel, lead, zinc	1,200	2,280	1,940	4,220	5,420
Gold, silver and other metal ores	<u>1,840</u>	2,060	1,410	<u>3,470</u>	<u>5,310</u>
Total Metal Mining	3,520	5,160	3,810	8,970	12,510
Output (\$ million)					
Iron ore	3,130	2,690	2,020	4,710	7,840
Copper, nickel, lead, zinc	12,280	7,470	8,350	15,820	28,100
Gold, silver and other metal ores	<u>9,720</u>	<u>6,030</u>	<u>7,250</u>	<u>13,280</u>	<u>23,000</u>
Total Metal Mining	25,130	16,080	17,530	33,610	58,740

Totals may not sum due to independent rounding.

Table 17 - U.S. Uranium Mining Statistics Snapshot, 2007

Mine Production (million pounds)	4.5
Value of Production (\$ million)	\$131
Number of Mining Operations	12
Employment	
Mining	378
Exploration, milling, processing and reclamation	<u>853</u>
Total Uranium Employment	1,231

Source: Energy Information Administration

**Table 18 - Output Generated by U.S. Metal Mining (\$ million),
2007**

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	10	10	220	230	240
Alaska	1,350	680	30	710	2,060
Arizona	5,940	2,400	280	2,680	8,620
Arkansas	340	240	130	370	710
California	140	120	2,260	2,380	2,520
Colorado	660	610	270	880	1,540
Connecticut	-	-	300	300	300
Delaware	30	20	90	110	140
District of Columbia	-	-	70	70	70
Florida	110	70	760	830	940
Georgia	-	-	520	520	520
Hawaii	-	-	50	50	50
Idaho	570	330	60	390	960
Illinois	20	10	840	850	870
Indiana	-	-	420	420	420
Iowa	10	10	180	190	200
Kansas	-	-	160	160	160
Kentucky	-	-	220	220	220
Louisiana	250	160	200	360	610
Maine	-	-	60	60	60
Maryland	-	-	280	280	280
Massachusetts	-	-	480	480	480
Michigan	830	700	640	1,340	2,170
Minnesota	2,220	1,920	360	2,280	4,500
Mississippi	-	-	110	110	110
Missouri	1,520	1,300	330	1,630	3,150
Montana	1,180	680	40	720	1,900
Nebraska	20	10	110	120	140
Nevada	4,230	2,070	120	2,190	6,420
New Hampshire	-	-	80	80	80
New Jersey	10	-	630	630	640
New Mexico	1,300	960	70	1,030	2,330
New York	520	250	1,320	1,570	2,090
North Carolina	-	-	590	590	590
North Dakota	-	-	30	30	30
Ohio	-	-	720	720	720
Oklahoma	-	-	150	150	150
Oregon	20	10	200	210	230
Pennsylvania	10	10	770	780	790
Rhode Island	-	-	60	60	60
South Carolina	-	-	210	210	210
South Dakota	80	40	40	80	160
Tennessee	700	540	340	880	1,580
Texas	1,150	1,220	1,280	2,500	3,650
Utah	1,280	1,190	120	1,310	2,590
Vermont	-	-	30	30	30
Virginia	80	70	470	540	620
Washington	490	390	360	750	1,240
West Virginia	10	10	70	80	90
Wisconsin	-	-	370	370	370
Wyoming	<u>60</u>	<u>50</u>	<u>20</u>	<u>70</u>	<u>130</u>
United States	25,130	16,080	17,530	33,610	58,740

Totals may not sum due to independent rounding.

Table 19 - Employment Generated by U.S. Metal Mining, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	40	70	1,320	1,390	1,430
Alaska	1,850	4,320	200	4,520	6,370
Arizona	11,750	19,260	1,540	20,800	32,550
Arkansas	680	1,590	880	2,470	3,150
California	390	740	10,710	11,450	11,840
Colorado	2,360	4,170	1,480	5,650	8,010
Connecticut	-	-	1,270	1,270	1,270
Delaware	50	80	310	390	440
District of Columbia	-	-	360	360	360
Florida	280	530	5,230	5,760	6,040
Georgia	-	-	2,780	2,780	2,780
Hawaii	-	-	360	360	360
Idaho	1,180	2,980	410	3,390	4,570
Illinois	40	80	4,310	4,390	4,430
Indiana	-	-	2,050	2,050	2,050
Iowa	20	50	1,020	1,070	1,090
Kansas	-	-	870	870	870
Kentucky	-	-	1,140	1,140	1,140
Louisiana	750	1,650	1,180	2,830	3,580
Maine	-	-	440	440	440
Maryland	-	-	1,640	1,640	1,640
Massachusetts	-	-	2,450	2,450	2,450
Michigan	1,690	4,560	3,140	7,700	9,390
Minnesota	4,940	12,660	1,910	14,570	19,510
Mississippi	-	-	780	780	780
Missouri	980	6,680	1,890	8,570	9,550
Montana	2,730	5,310	240	5,550	8,280
Nebraska	100	140	620	760	860
Nevada	10,440	14,610	670	15,280	25,720
New Hampshire	-	-	450	450	450
New Jersey	20	30	2,940	2,970	2,990
New Mexico	1,890	6,640	410	7,050	8,940
New York	370	1,250	6,010	7,260	7,630
North Carolina	10	10	2,740	2,750	2,760
North Dakota	-	-	190	190	190
Ohio	-	-	3,810	3,810	3,810
Oklahoma	-	-	890	890	890
Oregon	50	100	1,270	1,370	1,420
Pennsylvania	30	40	4,050	4,090	4,120
Rhode Island	-	-	330	330	330
South Carolina	10	10	1,300	1,310	1,320
South Dakota	180	400	250	650	830
Tennessee	550	2,390	1,890	4,280	4,830
Texas	2,410	6,370	6,190	12,560	14,970
Utah	2,590	7,520	710	8,230	10,820
Vermont	-	-	200	200	200
Virginia	190	310	2,360	2,670	2,860
Washington	390	2,370	1,970	4,340	4,730
West Virginia	30	50	490	540	570
Wisconsin	-	-	1,960	1,960	1,960
Wyoming	<u>260</u>	<u>370</u>	<u>180</u>	<u>550</u>	<u>810</u>
United States	49,240	107,340	91,970	199,130	248,380

Totals may not sum due to independent rounding.

Table 20 - Payroll Generated by U.S. Metal Mining (\$ million), 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	*	-	50	50	50
Alaska	160	270	-	270	430
Arizona	750	880	60	940	1,690
Arkansas	40	70	20	90	130
California	20	40	500	540	560
Colorado	220	190	60	250	470
Connecticut	-	-	70	70	70
Delaware	*	-	20	20	20
District of Columbia	-	-	20	20	20
Florida	20	30	180	210	230
Georgia	-	-	110	110	110
Hawaii	-	-	10	10	10
Idaho	90	110	20	130	220
Illinois	*	-	200	200	200
Indiana	-	-	80	80	80
Iowa	*	-	40	40	40
Kansas	-	-	30	30	30
Kentucky	-	-	40	40	40
Louisiana	60	60	30	90	150
Maine	-	-	10	10	10
Maryland	-	-	70	70	70
Massachusetts	-	-	120	120	120
Michigan	110	240	140	380	490
Minnesota	360	610	90	700	1,060
Mississippi	-	-	20	20	20
Missouri	80	360	70	430	510
Montana	210	210	-	210	420
Nebraska	6	4	20	24	30
Nevada	840	680	20	700	1,540
New Hampshire	-	-	20	20	20
New Jersey	*	-	150	150	150
New Mexico	110	310	10	320	430
New York	20	90	330	420	440
North Carolina	*	-	100	100	100
North Dakota	-	-	10	10	10
Ohio	-	-	150	150	150
Oklahoma	-	-	30	30	30
Oregon	*	-	50	50	50
Pennsylvania	*	-	170	170	170
Rhode Island	-	-	10	10	10
South Carolina	*	-	40	40	40
South Dakota	10	10	10	20	30
Tennessee	30	130	70	200	230
Texas	130	330	250	580	710
Utah	190	360	30	390	580
Vermont	-	-	10	10	10
Virginia	10	20	100	120	130
Washington	30	120	80	200	230
West Virginia	*	-	20	20	20
Wisconsin	-	-	80	80	80
Wyoming	<u>17</u>	<u>10</u>	<u>13</u>	<u>23</u>	<u>40</u>
United States	3,520	5,160	3,810	8,970	12,510

* less than \$2 million

Totals may not sum due to independent rounding.

Table 21 - Personal Income and Payroll Tax Revenues Generated by U.S. Metal Mining (\$ million), 2007

	Federal	State & Local	Total Personal Income Tax	FICA	Total Tax Revenues Generated
Alabama	7	1	8	7	15
Alaska	71	-	71	63	134
Arizona	255	53	308	246	554
Arkansas	17	4	21	19	40
California	96	34	130	82	212
Colorado	77	18	95	69	164
Connecticut	15	4	19	10	29
Delaware	4	2	6	3	9
District of Columbia	4	1	5	3	8
Florida	44	-	44	34	78
Georgia	16	5	21	16	37
Hawaii	2	1	3	2	5
Idaho	28	10	38	31	69
Illinois	34	5	39	29	68
Indiana	11	3	14	12	26
Iowa	5	2	7	6	13
Kansas	5	1	6	5	11
Kentucky	6	2	8	6	14
Louisiana	21	3	24	22	46
Maine	2	1	3	2	5
Maryland	11	5	16	10	26
Massachusetts	23	6	29	18	47
Michigan	74	17	91	72	163
Minnesota	165	57	222	154	376
Mississippi	3	1	4	3	7
Missouri	74	19	93	74	167
Montana	59	19	78	61	139
Nebraska	3	1	4	3	7
Nevada	288	-	288	224	512
New Hampshire	3	-	3	3	6
New Jersey	27	7	34	21	55
New Mexico	57	15	72	62	134
New York	83	32	115	63	178
North Carolina	14	5	19	15	34
North Dakota	1	-	1	1	2
Ohio	21	8	29	22	51
Oklahoma	4	1	5	4	9
Oregon	7	3	10	7	17
Pennsylvania	27	6	33	25	58
Rhode Island	2	1	3	2	5
South Carolina	6	2	8	6	14
South Dakota	5	-	5	4	9
Tennessee	35	-	35	34	69
Texas	115	-	115	103	218
Utah	72	26	98	84	182
Vermont	1	-	1	1	2
Virginia	21	6	27	19	46
Washington	40	-	40	34	74
West Virginia	2	1	3	3	6
Wisconsin	11	4	15	11	26
Wyoming	2	-	2	1	3
United States	1,980	390	2,370	1,810	4,180

Totals may not sum due to independent rounding.

ECONOMIC CONTRIBUTIONS OF U.S. NONMETALLIC MINERAL MINING

Nonmetallic mineral mining includes stone quarrying, sand, gravel and other nonmetallic minerals, such as clays, mica, salt, gemstones, and feldspar, among others. As with coal and metals, these materials are critical to the U.S. economy. In addition to aggregates, cement and other nonmetallic minerals used in road building and construction, nonmetallic minerals are used in thousands of applications, including glass making (feldspar), PVC pipe production (via chlorine from salt), semiconductors (rare earth minerals) and fertilizers for crop production.

The top ten states for U.S. nonmetallic mineral mining employment in 2007 were: Texas, California, Pennsylvania, Florida, Georgia, North Carolina, Ohio, Missouri, Colorado and Alabama.

Table 22 shows that \$43.2 billion in nonmetallic mineral mining products generated a total of \$102.6 billion in economic output in the United States in 2007.

This segment of the mining industry employed 204,070 workers and generated a total of 652,710 jobs in the economy. Each job in U.S. nonmetallic mineral mining generates an *additional 2.2 jobs*, a total of 3.2 jobs in the economy for each job in nonmetallic mineral mining. In sum, these jobs accrued \$27.7 billion in payroll (wages and salaries, including overtime and vacation/sick pay) and \$9.4 billion in personal income and payroll taxes.

Tables 23-25 detail the economic contributions in terms of output, employment, payroll and personal income and payroll taxes of U.S. nonmetallic mining for each state.

**Table 22 - Output Generated by U.S. Nonmetallic Mineral Mining
(\$ million), 2007**

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	1,330	1,250	310	1,560	2,890
Alaska	2,090	1,010	50	1,060	3,150
Arizona	1,450	590	420	1,010	2,460
Arkansas	580	360	190	550	1,130
California	4,250	3,710	3,410	7,120	11,370
Colorado	1,290	1,190	430	1,620	2,910
Connecticut	190	100	440	540	730
Delaware	10	-	140	140	150
District of Columbia	-	-	120	120	120
Florida	3,080	1,900	1,190	3,090	6,170
Georgia	2,120	1,670	770	2,440	4,560
Hawaii	160	90	90	180	340
Idaho	250	140	100	240	490
Illinois	1,210	1,280	1,240	2,520	3,730
Indiana	1,000	890	600	1,490	2,490
Iowa	670	400	280	680	1,350
Kansas	970	750	230	980	1,950
Kentucky	920	870	320	1,190	2,110
Louisiana	140	90	310	400	540
Maine	160	70	100	170	330
Maryland	730	460	430	890	1,620
Massachusetts	440	250	720	970	1,410
Michigan	1,090	730	930	1,660	2,750
Minnesota	330	240	530	770	1,100
Mississippi	260	190	170	360	620
Missouri	700	580	470	1,050	1,750
Montana	120	70	50	120	240
Nebraska	220	130	170	300	520
Nevada	980	460	190	650	1,630
New Hampshire	120	70	120	190	310
New Jersey	580	430	940	1,370	1,950
New Mexico	230	170	110	280	510
New York	820	450	2,020	2,470	3,290
North Carolina	990	690	830	1,520	2,510
North Dakota	60	60	50	110	170
Ohio	1,250	1,150	1,030	2,180	3,430
Oklahoma	680	570	230	800	1,480
Oregon	490	320	290	610	1,100
Pennsylvania	1,760	1,770	1,120	2,890	4,650
Rhode Island	50	30	90	120	170
South Carolina	570	370	300	670	1,240
South Dakota	160	80	60	140	300
Tennessee	150	110	500	610	760
Texas	1,800	1,900	1,920	3,820	5,620
Utah	2,670	2,380	180	2,560	5,230
Vermont	100	50	50	100	200
Virginia	1,020	850	690	1,540	2,560
Washington	200	180	560	740	940
West Virginia	200	170	100	270	470
Wisconsin	560	360	530	890	1,450
Wyoming	<u>1,980</u>	<u>1,630</u>	<u>40</u>	<u>1,670</u>	<u>3,650</u>
United States*	43,180	33,260	26,160	59,420	102,600

* includes \$435 million not allocated to states.

Totals may not sum due to independent rounding.

Table 23 - Employment Generated by Nonmetallic Mineral Mining, 2007

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	6,280	9,620	3,030	12,650	18,930
Alaska	1,030	5,300	690	5,990	7,020
Arizona	6,220	5,940	3,640	9,580	15,800
Arkansas	2,720	3,280	1,950	5,230	7,950
California	15,240	25,640	24,040	49,680	64,920
Colorado	6,480	7,890	3,640	11,530	18,010
Connecticut	1,190	730	2,810	3,540	4,730
Delaware	60	40	690	730	790
District of Columbia	-	-	810	810	810
Florida	10,010	16,360	11,870	28,230	38,240
Georgia	9,820	14,040	6,180	20,220	30,040
Hawaii	640	840	810	1,650	2,290
Idaho	2,160	1,560	930	2,490	4,650
Illinois	5,380	6,790	9,630	16,420	21,800
Indiana	4,300	5,510	4,510	10,020	14,320
Iowa	3,520	3,920	2,220	6,140	9,660
Kansas	3,600	5,640	2,060	7,700	11,300
Kentucky	3,320	4,280	2,970	7,250	10,570
Louisiana	2,440	950	3,910	4,860	7,300
Maine	1,120	740	930	1,670	2,790
Maryland	2,020	2,210	3,660	5,870	7,890
Massachusetts	1,670	1,840	5,360	7,200	8,870
Michigan	4,050	5,800	6,850	12,650	16,700
Minnesota	3,100	2,250	4,310	6,560	9,660
Mississippi	1,560	1,620	1,780	3,400	4,960
Missouri	6,920	5,390	4,240	9,630	16,550
Montana	1,990	840	660	1,500	3,490
Nebraska	1,200	1,340	1,340	2,680	3,880
Nevada	2,710	3,350	1,740	5,090	7,800
New Hampshire	850	610	980	1,590	2,440
New Jersey	1,570	2,680	6,510	9,190	10,760
New Mexico	2,690	2,020	1,320	3,340	6,030
New York	5,920	3,120	13,340	16,460	22,380
North Carolina	7,560	6,740	5,910	12,650	20,210
North Dakota	810	430	520	950	1,760
Ohio	7,110	7,090	8,470	15,560	22,670
Oklahoma	3,300	4,520	2,530	7,050	10,350
Oregon	2,870	2,840	2,760	5,600	8,470
Pennsylvania	10,700	8,720	9,230	17,950	28,650
Rhode Island	260	210	710	920	1,180
South Carolina	2,540	3,500	2,790	6,290	8,830
South Dakota	1,520	920	550	1,470	2,990
Tennessee	4,400	2,160	4,120	6,280	10,680
Texas	16,870	14,660	16,450	31,110	47,980
Utah	3,860	13,780	1,730	15,510	19,370
Vermont	1,270	520	440	960	2,230
Virginia	5,050	4,360	5,440	9,800	14,850
Washington	3,400	2,130	4,370	6,500	9,900
West Virginia	1,560	280	1,850	2,130	3,690
Wisconsin	4,490	4,170	4,210	8,380	12,870
Wyoming	<u>4,780</u>	<u>4,760</u>	<u>3,160</u>	<u>7,920</u>	<u>12,700</u>
United States	204,130	233,930	214,650	448,580	652,710

Totals may not sum due to independent rounding.

**Table 24 - Payroll Generated by U.S. Nonmetallic Mineral Mining
(\$ million), 2007**

	Direct	Indirect			Total
		Instate	Out of State	Total	
Alabama	310	380	80	460	770
Alaska	70	260	20	280	350
Arizona	320	210	130	340	660
Arkansas	110	120	50	170	280
California	950	1,200	980	2,180	3,130
Colorado	320	350	140	490	810
Connecticut	70	30	130	160	230
Delaware	-	-	30	30	30
District of Columbia	-	-	50	50	50
Florida	560	680	370	1,050	1,610
Georgia	570	550	220	770	1,340
Hawaii	50	30	30	60	110
Idaho	90	40	20	60	150
Illinois	320	290	380	670	990
Indiana	200	240	150	390	590
Iowa	150	130	70	200	350
Kansas	140	220	60	280	420
Kentucky	160	210	90	300	460
Louisiana	120	30	90	120	240
Maine	40	30	20	50	90
Maryland	110	120	130	250	360
Massachusetts	90	80	240	320	410
Michigan	250	240	280	520	770
Minnesota	150	70	170	240	390
Mississippi	60	50	50	100	160
Missouri	320	180	140	320	640
Montana	100	10	20	30	130
Nebraska	50	40	50	90	140
Nevada	130	120	70	190	320
New Hampshire	40	20	40	60	100
New Jersey	90	130	280	410	500
New Mexico	140	50	40	90	230
New York	300	130	630	760	1,060
North Carolina	490	230	190	420	910
North Dakota	40	10	10	20	60
Ohio	330	300	290	590	920
Oklahoma	130	160	80	240	370
Oregon	140	100	80	180	320
Pennsylvania	500	430	330	760	1,260
Rhode Island	10	10	30	40	50
South Carolina	120	120	80	200	320
South Dakota	60	20	20	40	100
Tennessee	250	40	140	180	430
Texas	740	510	630	1,140	1,880
Utah	160	630	50	680	840
Vermont	60	20	10	30	90
Virginia	230	190	190	380	610
Washington	170	50	160	210	380
West Virginia	80	20	40	60	140
Wisconsin	220	120	140	260	480
Wyoming	320	250	120	370	690
United States	10,430	9,450	7,840	17,290	27,720

Totals may not sum due to independent rounding.

Table 25 - Personal Income and Payroll Tax Revenues Generated by U.S. Nonmetallic Mineral Mining (\$ million), 2007

	Federal	State & Local	Total Personal Income Tax	FICA	Total Tax Revenues Generated
Alabama	107	21	128	112	240
Alaska	58	-	58	51	109
Arizona	99	20	119	95	214
Arkansas	38	10	48	41	89
California	536	191	727	455	1,182
Colorado	132	30	162	118	280
Connecticut	49	13	62	34	96
Delaware	6	2	8	4	12
District of Columbia	7	2	9	7	16
Florida	301	-	301	234	535
Georgia	194	58	252	194	446
Hawaii	16	5	21	16	37
Idaho	20	7	27	22	49
Illinois	168	26	194	143	337
Indiana	82	19	101	86	187
Iowa	47	14	61	51	112
Kansas	60	16	76	61	137
Kentucky	61	22	83	67	150
Louisiana	34	5	39	35	74
Maine	12	4	16	13	29
Maryland	59	24	83	53	136
Massachusetts	77	21	98	60	158
Michigan	115	26	141	112	253
Minnesota	60	21	81	56	137
Mississippi	19	4	23	23	46
Missouri	92	24	116	92	208
Montana	19	6	25	19	44
Nebraska	19	5	24	20	44
Nevada	59	-	59	46	105
New Hampshire	16	-	16	15	31
New Jersey	91	23	114	72	186
New Mexico	31	8	39	34	73
New York	201	77	278	154	432
North Carolina	126	46	172	132	304
North Dakota	9	1	10	9	19
Ohio	130	45	175	134	309
Oklahoma	52	16	68	54	122
Oregon	47	22	69	47	116
Pennsylvania	197	43	240	183	423
Rhode Island	7	2	9	7	16
South Carolina	42	14	56	46	102
South Dakota	15	-	15	15	30
Tennessee	64	-	64	63	127
Texas	304	-	304	273	577
Utah	105	38	143	122	265
Vermont	13	3	16	13	29
Virginia	99	27	126	89	215
Washington	65	-	65	56	121
West Virginia	17	4	21	20	41
Wisconsin	69	24	93	70	163
Wyoming	129	-	129	100	229
United States	4,380	990	5,360	4,030	9,390

Totals may not sum due to independent rounding.

ECONOMIC CONTRIBUTIONS OF SELECTED SUPPLIER INDUSTRIES

Included in the 1.1 million expenditure-induced jobs created by U.S. mining are direct suppliers, including mining support services and mining equipment and supplies. Mining support services includes site preparation, construction, tunneling, blasting, overburden removal, pumping and related activities that are performed for the mine on a contract basis. Mining equipment and supplies as defined as the North American Industrial Classification System (NAICS) 333131 includes primarily finished underground mining equipment and supplies. Much of the equipment used in surface mining is included in construction machinery (NAICS 33312). According to the International Trade Administration, 40 percent of construction equipment manufacturing is used in mining. Tables 27 and 28 present employment and payroll by state for mining support services and mining and construction equipment.

Table 26 - Employment and Payroll of Selected Supplier Industries, 2007

	Employment	Payroll (\$ million)
Mining Support Services		
Coal	7,573	398.2
Metal	2,921	237.2
Nonmetallic	<u>2,567</u>	<u>114.4</u>
Total Support Services	13,061	749.8
Mining Equipment and Services	11,633	615.6
Construction Machinery	<u>78,878</u>	<u>5,068.0</u>
Total Supplier Industries	103,572	6,433.4

Table 27 - Employment and Payroll of Mining Support Services by State, 2007

	Employment			Payroll (\$ thousand)		
	Support Services for Coal Mining	Support Services for Metal Mining	Support Services for Nonmetallic Mineral Mining	Support Services for Coal Mining	Support Services for Metal Mining	Support Services for Nonmetallic Mineral Mining
Alabama	77	10	24	3,970	375	719
Alaska	15	100	47	1,203	9,459	2,477
Arizona	10	49	41	631	3,455	1,700
Arkansas	6	10	10	310	440	339
California	10	47	98	628	2,514	5,460
Colorado	227	189	11	9,163	14,649	1,544
Connecticut	-	10	19	-	508	744
Delaware	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-
Florida	-	7	35	-	275	2,011
Georgia	40	20	384	2,386	1,017	16,012
Hawaii	-	-	-	-	-	-
Idaho	10	74	24	518	5,265	873
Illinois	195	10	43	9,553	331	1,097
Indiana	24	-	-	921	-	-
Iowa	-	-	10	-	-	363
Kansas	10	-	5	419	-	138
Kentucky	1,454	10	88	64,379	338	2,294
Louisiana	56	10	10	2,968	452	348
Maine	-	10	-	-	508	-
Maryland	270	10	-	13,242	351	-
Massachusetts	-	20	121	-	1,017	6,149
Michigan	10	30	25	529	1,351	868
Minnesota	-	56	10	-	3,192	327
Mississippi	-	-	-	-	-	-
Missouri	13	55	393	899	2,909	20,196
Montana	176	169	26	11,227	12,655	1,150
Nebraska	-	10	10	-	266	205
Nevada	-	1,132	17	-	78,230	959
New Hampshire	-	10	20	-	508	784
New Jersey	-	10	10	-	508	392
New Mexico	30	51	169	1,511	2,189	5,590
New York	-	-	46	-	-	1,732
North Carolina	5	5	40	152	130	1,901
North Dakota	13	-	-	650	-	-
Ohio	592	29	29	37,684	1,058	815
Oklahoma	113	10	49	5,469	493	1,862
Oregon	-	10	10	-	7,564	409
Pennsylvania	855	21	201	42,991	892	6,579
Rhode Island	-	-	-	-	-	-
South Carolina	-	7	-	-	197	-
South Dakota	-	8	-	-	392	-
Tennessee	250	53	26	11,143	2,013	1,972
Texas	96	21	222	4,008	850	13,274
Utah	54	402	98	3,617	66,276	6,975
Vermont	-	-	10	-	-	392
Virginia	854	10	7	43,412	375	202
Washington	-	146	25	-	9,487	888
West Virginia	1,778	-	130	107,517	-	3,855
Wisconsin	-	4	10	-	203	414
Wyoming	<u>330</u>	<u>86</u>	<u>14</u>	<u>17,135</u>	<u>4,462</u>	<u>432</u>
United States	7,573	2,921	2,567	398,233	237,154	114,439

Table 28 - Employment and Payroll of Mining and Construction Equipment Manufacturing by State, 2007

	Employment		Payroll (\$ thousand)	
	Mining Equipment and Supplies	Construction Machinery	Mining Equipment and Supplies	Construction Machinery
Alabama	10	790	402	40,007
Alaska	10		402	-
Arizona	152	267	6,026	17,877
Arkansas	61	199	2,410	49,281
California	88	867	5,084	40,559
Colorado	107	150	6,821	7,041
Connecticut	61	40	2,410	2,021
Delaware	-	-	-	-
District of Columbia	-	-	-	-
Florida	304	531	12,051	33,939
Georgia	61	1,822	2,410	89,150
Hawaii	-	-	-	-
Idaho	10	440	402	16,493
Illinois	691	21,522	32,766	2,078,988
Indiana	343	413	16,712	22,375
Iowa	329	8,030	13,056	491,449
Kansas	10	1,369	402	72,780
Kentucky	730	873	32,679	46,802
Louisiana	23	491	714	19,340
Maine	-	199	-	49,281
Maryland	10	17	402	4,224
Massachusetts	10	199	402	49,281
Michigan	134	1,095	7,320	52,346
Minnesota	61	1,691	2,410	-
Mississippi	-	348	-	15,104
Missouri	300	886	11,901	-
Montana	10	139	402	5,851
Nebraska	-	353	-	-
Nevada	10	17	402	4,224
New Hampshire	61	68	2,410	16,896
New Jersey	10	183	402	10,727
New Mexico	86	255	4,064	-
New York	45	746	1,752	-
North Carolina	61	4,192	2,410	224,647
North Dakota	61	2,731	2,410	145,636
Ohio	507	2,434	22,933	107,794
Oklahoma	103	2,287	6,165	112,329
Oregon	715	913	28,364	41,425
Pennsylvania	3,166	5,769	190,443	281,530
Rhode Island	-	17	-	4,224
South Carolina	140	1,886	5,235	84,618
South Dakota	10	1,762	402	70,048
Tennessee	61	2,129	2,410	110,538
Texas	725	3,268	49,561	159,930
Utah	466	148	29,382	7,069
Vermont	-	17	-	4,224
Virginia	898	370	56,255	18,731
Washington	163	879	8,877	42,072
West Virginia	792	68	42,426	16,896
Wisconsin	29	5,806	1,337	350,955
Wyoming	10	199	402	49,281
United States	11,633	78,878	615,616	5,067,983

ECONOMIC CONTRIBUTIONS OF MINING DEPENDENT INDUSTRIES

In 2007, U.S. mining transformed raw earth into \$98.4 billion of finished mineral products. These building block materials were further transformed by consuming industries into consumer and industrial goods creating an additional \$1.8 trillion in value added by other mineral, metal and coal consuming industries.

Selected industries that consume mining products are listed in Table 29. These industries are dependent on the products of mining to generate their output. Fertilizers, specialty clay fillers for paper and cosmetics, steel for transportation equipment and structural beams, rare earth minerals to enhance electrical properties in semiconductors, and feldspar for glass are all examples of industries that rely on the products of mining. Combined these industries employ 17.3 million workers, 12.8 percent of the total U.S. workforce. Many of these industries are in the relatively highly paid durable manufacturing sector. The payroll generated by these selected dependent industries total \$917.7 billion, 15.3 percent of total U.S. payroll. These industries generate \$1.8 trillion in GDP, or value added, 13.4 percent of the U.S. total.

Table 30 shows total mining dependent industry employment and payroll and compares them to state totals. Tables 31 and 32 show selected mining dependent industry employment and payroll for the states.

Table 29 - Employment, Payroll and GDP of Selected Industries Dependent on Mining, U.S. Summary, 2007

	Employment (thousands)	Payroll (\$ billion)	GDP (\$ billion)
Mining, excluding oil and gas	375.9	22.1	43.5
Selected industries dependent on mining			
Farms/crop production	538	12.8	95.7
Coal-based electric generators	64	5.7	n/a
Construction	7,726	360.8	630
Paper	455	24.8	52.5
Primary metals	454	25.7	63.4
Fabricated metals	1,558	71.7	131.1
Nonmetallic mineral products	500	23.3	54.7
Computers and electronics	1,270	108.7	139.7
Machinery	1,183	66.6	123.2
Chemicals	858	66.5	214
Electrical equipment & appliances	427	22.1	45
Transportation equipment	1,733	108.6	187
Furniture	529	18.9	31.4
Jewelry and silverware	<u>38</u>	<u>1.6</u>	<u>4.6</u>
Total mining dependent industries	17,335	917.7	1,772.30
Total for United States	135,371	6,017.30	13,194.70
Mining Percent Total	12.80%	15.30%	13.40%

Totals may not sum due to independent rounding.

Sources: Bureau of Economic Analysis, Bureau of Labor Statistics

Table 30 - Employment and Payroll of Selected Industries Dependent on Mining by State, 2007

	Selected Industries Dependent on Mining		Percent of State Total	
	Employment (thousand)	Payroll (\$ million)	Employment	Payroll
Alabama	301.3	13,987	15.4%	19.1%
Alaska	18.9	1,171	6.1%	8.6%
Arizona	375.7	19,015	14.2%	17.3%
Arkansas	158.5	6,187	13.5%	15.5%
California	1,984.9	122,123	12.7%	15.4%
Colorado	270.2	13,898	11.8%	13.4%
Connecticut	228.6	15,413	13.6%	15.8%
Delaware	47.8	2,746	11.3%	13.7%
District of Columbia	13.6	784	2.0%	1.6%
Florida	902.9	39,089	11.4%	12.4%
Georgia	442.0	20,769	10.8%	12.1%
Hawaii	53.2	3,026	8.5%	12.3%
Idaho	97.1	4,225	14.7%	19.1%
Illinois	737.1	42,304	12.6%	15.1%
Indiana	557.6	28,998	19.2%	26.6%
Iowa	217.4	10,252	14.6%	19.3%
Kansas	190.0	9,315	14.0%	18.6%
Kentucky	256.1	12,163	14.2%	18.5%
Louisiana	252.6	12,585	13.5%	17.6%
Maine	71.7	3,363	11.9%	15.9%
Maryland	271.3	15,410	10.6%	12.5%
Massachusetts	355.4	24,814	11.0%	13.9%
Michigan	679.2	40,466	16.3%	22.3%
Minnesota	339.5	18,293	12.6%	15.3%
Mississippi	174.9	6,841	15.4%	18.7%
Missouri	353.6	17,036	13.0%	16.2%
Montana	43.3	1,677	9.9%	11.9%
Nebraska	102.1	4,181	11.1%	12.9%
Nevada	160.4	8,248	12.5%	15.2%
New Hampshire	84.8	4,884	13.5%	17.7%
New Jersey	383.9	25,866	9.7%	12.1%
New Mexico	89.9	3,768	10.9%	12.6%
New York	717.3	41,844	8.4%	8.2%
North Carolina	578.4	27,301	14.2%	17.3%
North Dakota	37.8	1,642	11.1%	14.5%
Ohio	796.9	41,319	15.0%	19.5%
Oklahoma	181.1	7,428	11.8%	13.6%
Oregon	257.9	12,951	14.9%	18.9%
Pennsylvania	712.1	37,586	12.6%	15.4%
Rhode Island	53.1	2,596	11.1%	13.0%
South Carolina	287.5	12,840	15.2%	19.2%
South Dakota	46.4	1,738	11.8%	14.0%
Tennessee	390.9	18,313	14.2%	17.1%
Texas	1,362.0	75,677	13.3%	16.5%
Utah	184.6	7,839	15.1%	17.4%
Vermont	42.4	2,044	14.0%	18.2%
Virginia	429.6	20,629	11.7%	12.2%
Washington	457.5	24,280	15.6%	18.4%
West Virginia	84.6	3,923	11.9%	16.3%
Wisconsin	465.0	23,269	16.7%	22.0%
Wyoming	34.3	1,601	12.4%	14.7%
United States	17,334.8	917,716	12.8%	15.3%

Table 31 - Employment of Selected Industries Dependent on Mining by State, 2007

	Coal-based Electric Generators	Nonmetallic Mineral Products	Fabricated Metal Products	Primary Metal Products	Inorganic Pigments	Other Inorganic Chemicals	Fertilizers
Alabama	2,512	10,099	29,028	18,299	23	1,260	492
Alaska	248	354	520	25	-	-	147
Arizona	1,120	9,975	20,108	3,872	78	117	147
Arkansas	111	4,522	17,223	8,283	-	578	234
California	232	44,964	140,805	24,850	146	2,700	1,572
Colorado	1,006	9,829	15,267	2,124	-	244	59
Connecticut	77	3,012	33,395	4,025	20	153	73
Delaware	226	932	1,963	737	-	155	59
Dist. of Columbia	-	107	384	-	-	-	-
Florida	2,014	26,219	39,468	5,406	-	247	4,890
Georgia	2,094	21,467	28,581	7,268	698	1,527	581
Hawaii	56	1,162	480	100	-	-	147
Idaho	29	1,827	4,660	586	-	-	786
Illinois	3,408	16,813	113,939	23,981	405	1,770	314
Indiana	3,722	14,677	59,553	45,771	405	786	223
Iowa	1,796	5,876	21,499	8,483	-	157	692
Kansas	1,158	6,190	15,265	3,372	-	338	205
Kentucky	2,753	8,705	21,525	13,832	-	1,885	59
Louisiana	489	6,875	20,350	2,796	405	4,613	1,196
Maine	15	1,520	5,140	355	-	65	147
Maryland	1,206	4,831	9,938	3,603	488	766	147
Massachusetts	830	6,779	34,897	4,829	58	519	59
Michigan	3,557	13,955	79,982	24,782	23	866	257
Minnesota	1,633	10,371	43,676	6,590	-	3	112
Mississippi	591	4,832	11,043	2,986	2,312	181	485
Missouri	2,490	9,929	33,291	8,937	58	374	461
Montana	133	1,060	1,652	464	202	-	59
Nebraska	904	3,158	9,214	1,403	-	146	84
Nevada	189	5,706	6,035	1,288	-	229	59
New Hampshire	135	2,545	11,523	3,065	23	-	10
New Jersey	721	12,307	26,923	6,100	133	2,597	297
New Mexico	1,081	2,744	2,903	869	23	-	59
New York	1,142	17,500	56,522	12,156	715	929	262
North Carolina	2,210	17,393	40,657	8,093	23	1,034	1,249
North Dakota	1,170	1,227	1,812	100	-	10	-
Ohio	3,049	30,612	117,470	50,443	971	2,927	2,013
Oklahoma	1,054	8,520	23,762	4,610	23	380	468
Oregon	100	5,480	16,911	9,166	-	185	388
Pennsylvania	3,356	26,565	91,291	42,981	1,278	1,575	497
Rhode Island	-	647	6,943	1,222	-	59	10
South Carolina	1,529	9,827	26,623	6,873	58	1,829	186
South Dakota	110	1,609	3,757	656	-	-	26
Tennessee	1,091	15,569	41,473	11,745	809	2,157	104
Texas	2,983	44,608	130,685	25,878	267	4,222	1,391
Utah	1,058	6,450	12,358	4,063	-	616	59
Vermont	-	1,948	2,952	279	-	-	10
Virginia	1,441	11,932	21,512	5,903	144	221	236
Washington	800	10,579	19,361	5,710	-	921	208
West Virginia	2,700	3,755	6,467	6,223	-	1,368	18
Wisconsin	2,235	11,114	76,349	20,114	58	209	592
Wyoming	1,376	961	1,673	171	-	976	344
United States	63,940	499,638	1,558,808	455,467	9,845	41,894	22,174

**Table 32 - Payroll of Selected Industries Dependent on Mining by State
(\$ million), 2007**

	Coal-based Electric Generators	Nonmetallic Mineral Products	Fabricated Metal Products	Primary Metal Products	Inorganic Pigments	Other Inorganic Chemicals	Fertilizers
Alabama	224.0	447.0	1,200.9	1,096.9	1.5	91.6	20.8
Alaska	14.5	18.2	23.8	1.4	-	-	8.1
Arizona	129.3	470.0	943.2	181.4	3.8	7.0	8.1
Arkansas	9.6	170.2	687.5	441.2	-	32.9	12.1
California	26.8	2,168.3	6,713.3	1,211.2	7.6	198.8	77.9
Colorado	75.3	462.7	694.5	117.0	-	14.6	3.3
Connecticut	8.7	159.2	1,905.9	241.7	1.5	10.4	3.4
Delaware	26.1	41.2	88.8	44.7	-	9.1	3.3
Dist. of Columbia	-	4.9	34.9	-	-	-	-
Florida	137.1	1,291.5	1,568.9	237.5	-	14.7	291.5
Georgia	241.8	931.6	1,140.2	323.5	39.8	116.7	26.9
Hawaii	4.5	67.2	22.3	5.5	-	-	8.1
Idaho	3.3	79.9	166.6	23.6	-	-	43.4
Illinois	272.5	841.0	5,598.9	1,324.5	26.5	142.2	16.3
Indiana	279.4	677.9	2,476.2	3,028.4	26.5	49.4	9.2
Iowa	125.0	247.6	877.5	435.3	-	10.2	48.3
Kansas	133.7	262.8	566.7	134.5	-	26.4	13.1
Kentucky	208.6	398.2	904.8	749.9	-	132.7	3.3
Louisiana	39.5	277.4	976.4	145.2	26.5	375.1	99.0
Maine	1.7	56.0	218.7	18.7	-	3.0	8.1
Maryland	204.3	226.9	480.3	230.2	44.4	76.6	8.1
Massachusetts	68.4	382.9	1,978.4	265.4	3.8	35.5	3.3
Michigan	410.7	778.3	3,700.3	1,406.6	1.5	55.1	14.2
Minnesota	110.7	483.3	2,186.0	321.5	-	0.4	5.0
Mississippi	68.2	182.4	419.4	144.9	151.6	12.4	30.1
Missouri	165.0	408.7	1,474.6	418.8	3.8	24.1	22.8
Montana	15.4	40.0	59.4	21.8	13.3	-	3.3
Nebraska	65.9	117.6	364.8	75.0	-	11.6	4.6
Nevada	19.4	276.2	259.8	73.8	-	16.5	3.3
New Hampshire	11.3	129.1	547.4	141.3	1.5	-	0.5
New Jersey	74.0	718.9	1,339.4	355.1	7.1	397.2	23.9
New Mexico	91.9	106.6	108.7	36.3	-	-	3.3
New York	105.5	890.6	2,663.7	693.6	47.2	64.6	11.3
North Carolina	255.2	773.1	1,763.5	430.0	1.5	68.2	70.4
North Dakota	135.1	47.4	69.7	5.5	-	0.8	-
Ohio	208.1	1,492.8	5,572.7	3,182.9	63.8	195.9	162.7
Oklahoma	89.5	357.5	994.0	208.5	1.5	25.8	25.9
Oregon	11.5	241.3	711.8	605.4	-	10.0	21.4
Pennsylvania	335.8	1,306.9	4,152.1	2,613.7	86.5	126.1	23.6
Rhode Island	-	29.0	281.8	67.2	-	4.6	0.5
South Carolina	95.8	436.8	1,127.8	392.4	3.8	121.3	7.9
South Dakota	12.7	70.5	134.5	24.9	-	-	4.9
Tennessee	99.3	705.3	1,885.3	648.5	53.1	149.5	3.3
Texas	316.5	2,027.1	6,416.4	1,470.8	16.4	378.4	64.1
Utah	87.7	279.1	513.5	219.7	-	32.9	3.3
Vermont	-	80.7	147.3	12.3	-	-	0.5
Virginia	114.7	510.1	1,101.6	319.4	7.2	18.5	9.1
Washington	92.4	489.3	830.5	315.0	-	72.0	11.4
West Virginia	200.9	137.1	257.4	361.3	-	93.5	0.4
Wisconsin	153.9	475.2	3,340.2	928.7	3.8	12.7	24.6
Wyoming	<u>111.4</u>	<u>42.2</u>	<u>75.9</u>	<u>9.4</u>	-	<u>77.2</u>	<u>19.0</u>
United States	5,692.6	23,315.9	71,424.4	25,767.9	645.4	3,316.2	1,291.0

Appendix A - Selected Mining Industry Tax Payments by State

Alaska—2007

Mining License Fee - \$85,000,000
Payments to Local Government - \$14,000,000
Payments to State Government - \$175,000,000
Property Taxes - \$3,000,000

Source: Alaska Miners Association

Arizona—2006 (Copper only)

State and Local Government Revenues - \$325,000,000
Property Taxes - \$27,044,000
Public School Districts - \$45,175,000
Severance Taxes - \$41,215,000

Source: Arizona Mining Association

Colorado—2007

Property Taxes - \$12,279,086
Severance & Sales Taxes - \$11,966,102
Black Lung Tax - \$28,914,740
Abandoned Mine Land Fees - \$6,698,754
Federal/State Royalties - \$68,193,405
Total Taxes and Payroll - \$356,148,000
Royalties Paid to Private Landowners - \$2,872,187

Source: Colorado Mining Association

Kentucky-2006

Severance Taxes - \$221,416,062

Minnesota—2007 (Taconite)

Unmined Taconite Tax - \$532,102
Use Tax - \$8,744,868
Production Tax - \$84,451,384
Occupation Tax - \$7,736,000
Railroad Gross Payroll Tax - \$13,135
Total Taxes - \$101,477,489

Source: Minnesota Revenue Tax Guide, Minnesota Dept. of Revenue

Montana-2007

Combined total of federal mineral lease revenues, state severance taxes, mineral royalties & rentals, and county property taxes - \$657 million

Source: Montana Geological Survey

Nevada—2007

County Mine Tax - \$37,442,000
State General Fund - \$38,252,000
Sales & Use Tax - \$93,124,000
Property Tax - \$27,000,000
Business License Tax - \$2,870,000
Total - \$199,488,000

Source: Nevada Mining Association

West Virginia—2007

Severance Tax - \$300,000,000

Sources: West Virginia Coal Association

Wyoming—2007 (Coal)

Lease Bonus Payments - \$169,803,329
Federal Mine Royalties - \$218,340,926
Severance Tax - \$201,699,897
Ad Valorem Production - \$172,890,738

Source: Wyoming Mining Association

Notes on the Data and Methodology

Data on employment is based on the Mine Health and Safety Administration (MSHA) Part 50 survey data on the number of miners. Unlike data from the Bureau of Labor Statistics (BLS), which reports employment data based on an employer's North American Industrial Classification System (NAICS) code, MSHA reports the number of employees at mines whether they are the operator's employees or contractors. BLS reports contract employees under a separate NAICS code. Therefore, we believe the MSHA data represent a far more complete picture of mining industry employment. However, because MSHA does not collect any data on wages or payroll, we have used data on average wages from the BLS Covered Employment and Wages (CEW) program to calculate the full payroll impact of the mining industry. Average wages published by the Bureau of Labor Statistics will differ slightly from the average wages calculated by dividing total payroll by employment because the composition of the subsector employment differs between the BLS data and the MSHA employment data that is used in this analysis. Taxes are based on average effective federal and state and local tax rates calculated from data from the Internal Revenue Service and applied to payroll for each industry.

Multipliers from the Bureau of Economic Analysis (BEA) Regional Input-Output Modeling System (RIMS II) were used to estimate the total and indirect impacts of the various segments of the mining industry on the U.S. economy. The multipliers for the mining industry as a whole are based on the 2006 annual input-output accounts. Multipliers for the detailed subsegments are based on the 1997 benchmark input-output accounts with location adjustments to 2006, the latest data available. Detailed subsector data were adjusted to match the totals for the mining industry as a whole.

Because the MSHA data include data on contractors based on the contractor's mailing address, there were several states that reported coal contractors in states where there were no coal operators. Around 1,800 coal contractors were distributed among the states with coal operator employment based on the share of coal operator employment.

Data on the output of the mining industry is based on 2007 data from the U.S. Geological Survey *Mineral Commodity Summaries 2008* and Energy Information Administration (EIA) coal production and average price data. Data on the value of production between metals and nonmetallic minerals was estimated using MSHA material-specific employment as a guide to allocate materials such that state totals and industry totals matched.

Data on federal corporate income taxes and charitable contributions are from the 2005 Corporation Source Book from the Internal Revenue Service. These data are compilations of actual tax returns filed by mining companies. Data on taxes on imports and production are from the Bureau of Economic Analysis and data on exports is from the International Trade Administration.

Mining in Alabama, 2007

The State of Alabama, home to 241 mining operations, provided direct employment to 11,710 people and another 27,810 people indirectly from mining activity occurring both in and outside the state for a total of 39,520 jobs statewide.

Mining jobs in Alabama are high paying - 55 percent higher than the average wage in the state. The average annual wage in the mining industry in Alabama was \$58,000 in 2007. Total direct earnings from the State of Alabama's mining payroll were \$680 million. Including earnings from indirect economic activity from the mining industry in Alabama and elsewhere, a total of \$1,670 million was earned by workers in Alabama. Income and payroll taxes from Alabama payrolls, including federal, state and local, and FICA totaled nearly \$519 million.

Alabama mining operations created \$2,450 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Alabama and other states generated an additional \$3,190 million in output from suppliers and other industries in Alabama. In total, \$5,640 million in output was generated in Alabama by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Alabama generates 0.6 percent of the state's GDP.

Mining in Alabama, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,450	11,710	680	n/a	n/a	n/a
Indirect	3,190	27,810	990	n/a	n/a	n/a
In-state	2,450	21,150	790	n/a	n/a	n/a
Out-of-state*	<u>740</u>	<u>6,660</u>	<u>200</u>	n/a	n/a	n/a
Total	5,640	39,520	1,670	231	45	243
Coal Mining						
Direct	1,100	5,390	370	n/a	n/a	n/a
Indirect	1,410	13,770	480	n/a	n/a	n/a
In-state	1,180	11,460	410	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,310</u>	<u>70</u>	n/a	n/a	n/a
Total	2,510	19,160	850	117	23	124
Metal Mining						
Direct	10	40	**	n/a	n/a	n/a
Indirect	230	1,390	50	n/a	n/a	n/a
In-state	10	70	-	n/a	n/a	n/a
Out-of-state*	<u>220</u>	<u>1,320</u>	<u>50</u>	n/a	n/a	n/a
Total	240	1,430	50	7	1	7
Nonmetallic Mineral Mining						
Direct	1,330	6,280	310	n/a	n/a	n/a
Indirect	1,560	12,650	460	n/a	n/a	n/a
In-state	1,250	9,620	380	n/a	n/a	n/a
Out-of-state*	<u>310</u>	<u>3,030</u>	<u>80</u>	n/a	n/a	n/a
Total	2,890	18,930	770	107	21	112

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Alaska, 2007

The State of Alaska, home to 141 mining operations, provided direct employment to 2,980 people and another 10,940 people indirectly from mining activity occurring both in and outside the state for a total of 13,920 jobs statewide.

Mining jobs in Alaska are high paying - 82 percent higher than the average wage in the state. The average annual wage in the mining industry in Alaska was \$80,000 in 2007. Total direct earnings from the State of Alaska's mining payroll were \$240 million. Including earnings from indirect economic activity from the mining industry in Alaska and elsewhere, a total of \$800 million was earned by workers in Alaska. Income and payroll taxes from Alaska payrolls, including federal, state and local, and FICA totaled nearly \$249 million.

Alaska mining operations created \$3,470 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Alaska and other states generated an additional \$1,820 million in output from suppliers and other industries in Alaska. In total, \$5,290 million in output was generated in Alaska by the mining industry.

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Mining in the State of Alaska generates 1.6 percent of the state's GDP.

Mining in Alaska, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	3,470	2,980	240	n/a	n/a	n/a
Indirect	1,820	10,940	560	n/a	n/a	n/a
In-state	1,700	9,770	540	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>1,170</u>	<u>20</u>	n/a	n/a	n/a
Total	5,290	13,920	800	132	-	117
Coal Mining						
Direct	40	100	10	n/a	n/a	n/a
Indirect	40	430	10	n/a	n/a	n/a
In-state	20	150	10	n/a	n/a	n/a
Out-of-state*	<u>20</u>	<u>280</u>	<u>-</u>	n/a	n/a	n/a
Total	80	530	20	3	-	3
Metal Mining						
Direct	1,350	1,850	160	n/a	n/a	n/a
Indirect	710	4,520	270	n/a	n/a	n/a
In-state	680	4,320	270	n/a	n/a	n/a
Out-of-state*	<u>30</u>	<u>200</u>	<u>-</u>	n/a	n/a	n/a
Total	2,060	6,370	430	71	-	63
Nonmetallic Mineral Mining						
Direct	2,090	1,030	70	n/a	n/a	n/a
Indirect	1,060	5,990	280	n/a	n/a	n/a
In-state	1,010	5,300	260	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>690</u>	<u>20</u>	n/a	n/a	n/a
Total	3,150	7,020	350	58	-	51

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Arizona, 2007

The State of Arizona, home to 411 mining operations, provided direct employment to 18,480 people and another 34,360 people indirectly from mining activity occurring both in and outside the state for a total of 52,840 jobs statewide.

Mining jobs in Arizona are high paying - 44 percent higher than the average wage in the state. The average annual wage in the mining industry in Arizona was \$60,000 in 2007. Total direct earnings from the State of Arizona's mining payroll were \$1,110 million. Including earnings from indirect economic activity from the mining industry in Arizona and elsewhere, a total of \$2,520 million was earned by workers in Arizona. Income and payroll taxes from Arizona payrolls, including federal, state and local, and FICA totaled nearly \$824 million.

Arizona mining operations created \$7,600 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Arizona and other states generated an additional \$4,110 million in output from suppliers and other industries in Arizona. In total, \$11,710 million in output was generated in Arizona by the mining industry.

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Mining in the State of Arizona generates 1.6 percent of the state's GDP.

Mining in Arizona, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	7,600	18,480	1,110	n/a	n/a	n/a
Indirect	4,110	34,360	1,410	n/a	n/a	n/a
In-state	3,080	26,310	1,130	n/a	n/a	n/a
Out-of-state*	<u>1,030</u>	<u>8,050</u>	<u>280</u>	n/a	n/a	n/a
Total	11,710	52,840	2,520	380	78	366
Coal Mining						
Direct	220	510	40	n/a	n/a	n/a
Indirect	410	3,980	130	n/a	n/a	n/a
In-state	90	1,110	40	n/a	n/a	n/a
Out-of-state*	<u>320</u>	<u>2,870</u>	<u>90</u>	n/a	n/a	n/a
Total	630	4,490	170	26	5	25
Metal Mining						
Direct	5,940	11,750	750	n/a	n/a	n/a
Indirect	2,680	20,800	940	n/a	n/a	n/a
In-state	2,400	19,260	880	n/a	n/a	n/a
Out-of-state*	<u>280</u>	<u>1,540</u>	<u>60</u>	n/a	n/a	n/a
Total	8,620	32,550	1,690	255	53	246
Nonmetallic Mineral Mining						
Direct	1,450	6,220	320	n/a	n/a	n/a
Indirect	1,010	9,580	340	n/a	n/a	n/a
In-state	590	5,940	210	n/a	n/a	n/a
Out-of-state*	<u>420</u>	<u>3,640</u>	<u>130</u>	n/a	n/a	n/a
Total	2,460	15,800	660	99	20	95

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Arkansas, 2007

The State of Arkansas, home to 189 mining operations, provided direct employment to 3,670 people and another 9,810 people indirectly from mining activity occurring both in and outside the state for a total of 13,480 jobs statewide.

Mining jobs in Arkansas are high paying - 32 percent higher than the average wage in the state. The average annual wage in the mining industry in Arkansas was \$45,000 in 2007. Total direct earnings from the State of Arkansas' mining payroll were \$160 million. Including earnings from indirect economic activity from the mining industry in Arkansas and elsewhere, a total of \$480 million was earned by workers in Arkansas. Income and payroll taxes from Arkansas payrolls, including federal, state and local, and FICA totaled nearly \$150 million.

Arkansas mining operations created \$940 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Arkansas and other states generated an additional \$1,080 million in output from suppliers and other industries in Arkansas. In total, \$2,020 million in output was generated in Arkansas by the mining industry.

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Mining in the State of Arkansas generates 0.3 percent of the state's GDP.

Mining in Arkansas, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	940	3,670	160	n/a	n/a	n/a
Indirect	1,080	9,810	320	n/a	n/a	n/a
In-state	610	5,430	200	n/a	n/a	n/a
Out-of-state*	<u>470</u>	<u>4,380</u>	<u>120</u>	n/a	n/a	n/a
Total	2,020	13,480	480	64	16	70
Coal Mining						
Direct	20	270	10	n/a	n/a	n/a
Indirect	150	2,110	60	n/a	n/a	n/a
In-state	10	560	10	n/a	n/a	n/a
Out-of-state*	<u>140</u>	<u>1,550</u>	<u>50</u>	n/a	n/a	n/a
Total	170	2,380	70	9	2	10
Metal Mining						
Direct	340	680	40	n/a	n/a	n/a
Indirect	370	2,470	90	n/a	n/a	n/a
In-state	240	1,590	70	n/a	n/a	n/a
Out-of-state*	<u>130</u>	<u>880</u>	<u>20</u>	n/a	n/a	n/a
Total	710	3,150	130	17	4	19
Nonmetallic Mineral Mining						
Direct	580	2,720	110	n/a	n/a	n/a
Indirect	550	5,230	170	n/a	n/a	n/a
In-state	360	3,280	120	n/a	n/a	n/a
Out-of-state*	<u>190</u>	<u>1,950</u>	<u>50</u>	n/a	n/a	n/a
Total	1,130	7,950	280	38	10	41

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in California, 2007

The State of California, home to 629 mining operations, provided direct employment to 15,630 people and another 81,850 people indirectly from mining activity occurring both in and outside the state for a total of 97,480 jobs statewide.

Mining jobs in the California are high paying - 25 percent higher than the average wage in the state. The average annual wage in the mining industry in California was \$63,000 in 2007. Total direct earnings from the State of California's mining payroll were \$970 million. Including earnings from indirect economic activity from the mining industry in California and elsewhere, a total of \$4,500 million was earned by workers in California. Income and payroll taxes from California payrolls, including federal, state and local, and FICA totaled nearly \$1,700 million.

California mining operations created \$4,400 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in California and other states generated an additional \$12,160 million in output from suppliers and other industries in California. In total, \$16,560 million in output was generated in California by the mining industry.

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Mining in the State of California generates 0.1 percent of the state's GDP.

Mining in California, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	4,400	15,630	970	n/a	n/a	n/a
Indirect	12,160	81,850	3,530	n/a	n/a	n/a
In-state	3,830	26,380	1,240	n/a	n/a	n/a
Out-of-state*	<u>8,330</u>	<u>55,470</u>	<u>2,290</u>	n/a	n/a	n/a
Total	16,560	97,480	4,500	771	274	655
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	2,660	20,720	810	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>2,660</u>	<u>20,720</u>	<u>810</u>	n/a	n/a	n/a
Total	2,660	20,720	810	139	49	118
Metal Mining						
Direct	140	390	20	n/a	n/a	n/a
Indirect	2,380	11,450	540	n/a	n/a	n/a
In-state	120	740	40	n/a	n/a	n/a
Out-of-state*	<u>2,260</u>	<u>10,710</u>	<u>500</u>	n/a	n/a	n/a
Total	2,520	11,840	560	96	34	82
Nonmetallic Mineral Mining						
Direct	4,250	15,240	950	n/a	n/a	n/a
Indirect	7,120	49,680	2,180	n/a	n/a	n/a
In-state	3,710	25,640	1,200	n/a	n/a	n/a
Out-of-state*	<u>3,410</u>	<u>24,040</u>	<u>980</u>	n/a	n/a	n/a
Total	11,370	64,920	3,130	536	191	455

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Colorado, 2007

The State of Colorado, home to 407 mining operations, provided direct employment to 12,450 people and another 29,680 people indirectly from mining activity occurring both in and outside the state for a total of 42,130 jobs statewide.

Mining jobs in the Colorado are high paying - 43 percent higher than the average wage in the state. The average annual wage in the mining industry in Colorado was \$65,000 in 2007. Total direct earnings from the State of Colorado's mining payroll were \$810 million. Including earnings from indirect economic activity from the mining industry in Colorado and elsewhere, a total of \$2,030 million was earned by workers in Colorado. Income and payroll taxes from Colorado payrolls, including federal, state and local, and FICA totaled nearly \$703 million.

Colorado mining operations created \$2,880 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Colorado and other states generated an additional \$3,730 million in output from suppliers and other industries in Colorado. In total, \$6,610 million in output was generated in Colorado by the mining industry.

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Mining in the State of Colorado generates 0.8 percent of the state's GDP.

Mining in Colorado, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,880	12,450	810	n/a	n/a	n/a
Indirect	3,730	29,680	1,220	n/a	n/a	n/a
In-state	2,710	21,840	930	n/a	n/a	n/a
Out-of-state*	<u>1,020</u>	<u>7,840</u>	<u>290</u>	n/a	n/a	n/a
Total	6,610	42,130	2,030	331	76	296
Coal Mining						
Direct	930	3,610	270	n/a	n/a	n/a
Indirect	1,230	12,500	480	n/a	n/a	n/a
In-state	910	9,780	390	n/a	n/a	n/a
Out-of-state*	<u>320</u>	<u>2,720</u>	<u>90</u>	n/a	n/a	n/a
Total	2,160	16,110	750	122	28	109
Metal Mining						
Direct	660	2,360	220	n/a	n/a	n/a
Indirect	880	5,650	250	n/a	n/a	n/a
In-state	610	4,170	190	n/a	n/a	n/a
Out-of-state*	<u>270</u>	<u>1,480</u>	<u>60</u>	n/a	n/a	n/a
Total	1,540	8,010	470	77	18	69
Nonmetallic Mineral Mining						
Direct	1,290	6,480	320	n/a	n/a	n/a
Indirect	1,620	11,530	490	n/a	n/a	n/a
In-state	1,190	7,890	350	n/a	n/a	n/a
Out-of-state*	<u>430</u>	<u>3,640</u>	<u>140</u>	n/a	n/a	n/a
Total	2,910	18,010	810	132	30	118

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Connecticut, 2007

The State of Connecticut, home to 132 mining operations, provided direct employment to 1,190 people and another 7,320 people indirectly from mining activity occurring both in and outside the state for a total of 8,510 jobs statewide.

Mining jobs in Connecticut are high paying - 3 percent higher than the average wage in the state. The average annual wage in the mining industry in Connecticut was \$60,000 in 2007. Total direct earnings from the State of Connecticut's mining payroll were \$70 million. Including earnings from indirect economic activity from the mining industry in Connecticut and elsewhere, a total of \$420 million was earned by workers in Connecticut. Income and payroll taxes from Connecticut payrolls, including federal, state and local, and FICA totaled nearly \$174 million.

Connecticut mining operations created \$190 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Connecticut and other states generated an additional \$1,190 million in output from suppliers and other industries in Connecticut. In total, \$1,380 million in output was generated in Connecticut by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Connecticut generates 0.1 percent of the state's GDP.

Mining in Connecticut, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	190	1,190	70	n/a	n/a	n/a
Indirect	1,190	7,320	350	n/a	n/a	n/a
In-state	100	730	30	n/a	n/a	n/a
Out-of-state*	<u>1,090</u>	<u>6,590</u>	<u>320</u>	n/a	n/a	n/a
Total	1,380	8,510	420	89	24	61
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	350	2,510	120	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>350</u>	<u>2,510</u>	<u>120</u>	n/a	n/a	n/a
Total	350	2,510	120	25	7	17
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	300	1,270	70	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>300</u>	<u>1,270</u>	<u>70</u>	n/a	n/a	n/a
Total	300	1,270	70	15	4	10
Nonmetallic Mineral Mining						
Direct	190	1,190	70	n/a	n/a	n/a
Indirect	540	3,540	160	n/a	n/a	n/a
In-state	100	730	30	n/a	n/a	n/a
Out-of-state*	<u>440</u>	<u>2,810</u>	<u>130</u>	n/a	n/a	n/a
Total	730	4,730	230	49	13	34

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Delaware, 2007

The State of Delaware, home to 7 mining operations, provided direct employment to 110 people and another 1,720 people indirectly from mining activity occurring both in and outside the state for a total of 1,830 jobs statewide.

The average annual wage in the mining industry in Delaware was \$36,000 in 2007. Total direct earnings from the State of Delaware's mining payroll were \$5 million. Including earnings from indirect economic activity from the mining industry in Delaware and elsewhere, a total of \$75 million was earned by workers in Delaware. Income and payroll taxes from Delaware payrolls, including federal, state and local, and FICA totaled nearly \$30 million.

Delaware mining operations created \$40 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Delaware and other states generated an additional \$360 million in output from suppliers and other industries in Delaware. In total, \$400 million in output was generated in Delaware by the mining industry.

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Mining in Delaware, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	40	110	5	n/a	n/a	n/a
Indirect	360	1,720	70	n/a	n/a	n/a
In-state	20	120	-	n/a	n/a	n/a
Out-of-state*	<u>340</u>	<u>1,600</u>	<u>70</u>	n/a	n/a	n/a
Total	400	1,830	75	14	6	10
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	110	600	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>110</u>	<u>600</u>	<u>20</u>	n/a	n/a	n/a
Total	110	600	20	4	2	3
Metal Mining						
Direct	30	50	**	n/a	n/a	n/a
Indirect	110	390	20	n/a	n/a	n/a
In-state	20	80	-	n/a	n/a	n/a
Out-of-state*	<u>90</u>	<u>310</u>	<u>20</u>	n/a	n/a	n/a
Total	140	440	20	4	2	3
Nonmetallic Mineral Mining						
Direct	10	60	-	n/a	n/a	n/a
Indirect	140	730	30	n/a	n/a	n/a
In-state	-	40	-	n/a	n/a	n/a
Out-of-state*	<u>140</u>	<u>690</u>	<u>30</u>	n/a	n/a	n/a
Total	150	790	30	6	2	4

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Florida, 2007

The State of Florida, home to 234 mining operations, provided direct employment to 10,520 people and another 44,940 people indirectly from mining activity occurring both in and outside the state for a total of 55,460 jobs statewide.

Mining jobs in Florida are high paying - 43 percent higher than the average wage in the state. The average annual wage in the mining industry in Florida was \$57,000 in 2007. Total direct earnings from the State of Florida's mining payroll were \$600 million. Including earnings from indirect economic activity from the mining industry in Florida and elsewhere, a total of \$2,180 million was earned by workers in Florida. Income and payroll taxes from Florida payrolls, including federal, state and local, and FICA totaled nearly \$726 million.

Florida mining operations created \$3,200 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Florida and other states generated an additional \$4,880 million in output from suppliers and other industries in Florida. In total, \$8,080 million in output was generated in Florida by the mining industry.

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Mining in the State of Florida generates 0.1 percent of the state's GDP.

Mining in Florida, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	3,200	10,520	600	n/a	n/a	n/a
Indirect	4,880	44,940	1,580	n/a	n/a	n/a
In-state	1,970	17,410	730	n/a	n/a	n/a
Out-of-state*	<u>2,910</u>	<u>27,530</u>	<u>850</u>	n/a	n/a	n/a
Total	8,080	55,460	2,180	409	-	317
Coal Mining						
Direct	-	230	20	n/a	n/a	n/a
Indirect	970	10,950	320	n/a	n/a	n/a
In-state	-	520	20	n/a	n/a	n/a
Out-of-state*	<u>970</u>	<u>10,430</u>	<u>300</u>	n/a	n/a	n/a
Total	970	11,180	340	64	-	49
Metal Mining						
Direct	110	280	20	n/a	n/a	n/a
Indirect	830	5,760	210	n/a	n/a	n/a
In-state	70	530	30	n/a	n/a	n/a
Out-of-state*	<u>760</u>	<u>5,230</u>	<u>180</u>	n/a	n/a	n/a
Total	940	6,040	230	44	-	34
Nonmetallic Mineral Mining						
Direct	3,080	10,010	560	n/a	n/a	n/a
Indirect	3,090	28,230	1,050	n/a	n/a	n/a
In-state	1,900	16,360	680	n/a	n/a	n/a
Out-of-state*	<u>1,190</u>	<u>11,870</u>	<u>370</u>	n/a	n/a	n/a
Total	6,170	38,240	1,610	301	-	234

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Georgia, 2007

The State of Georgia, home to 235 mining operations, provided direct employment to 9,820 people and another 28,070 people indirectly from mining activity occurring both in and outside the state for a total of 37,890 jobs statewide.

Mining jobs in Georgia are high paying - 37 percent higher than the average wage in the state. The average annual wage in the mining industry in Georgia was \$58,000 in 2007. Total direct earnings from the State of Georgia's mining payroll were \$570 million. Including earnings from indirect economic activity from the mining industry in Georgia and elsewhere, a total of \$1,630 million was earned by workers in Georgia. Income and payroll taxes from Georgia payrolls, including federal, state and local, and FICA totaled nearly \$543 million.

Georgia mining operations created \$2,120 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Georgia and other states generated an additional \$3,550 million in output from suppliers and other industries in Georgia. In total, \$5,670 million in output was generated in Georgia by the mining industry.

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Mining in the State of Georgia generates 0.4 percent of the state's GDP.

Mining in Georgia, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,120	9,820	570	n/a	n/a	n/a
Indirect	3,550	28,070	1,060	n/a	n/a	n/a
In-state	1,670	14,040	550	n/a	n/a	n/a
Out-of-state*	<u>1,880</u>	<u>14,030</u>	<u>510</u>	n/a	n/a	n/a
Total	5,670	37,890	1,630	236	71	236
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	590	5,070	180	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>590</u>	<u>5,070</u>	<u>180</u>	n/a	n/a	n/a
Total	590	5,070	180	26	8	26
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	520	2,780	110	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>520</u>	<u>2,780</u>	<u>110</u>	n/a	n/a	n/a
Total	520	2,780	110	16	5	16
Nonmetallic Mineral Mining						
Direct	2,120	9,820	570	n/a	n/a	n/a
Indirect	2,440	20,220	770	n/a	n/a	n/a
In-state	1,670	14,040	550	n/a	n/a	n/a
Out-of-state*	<u>770</u>	<u>6,180</u>	<u>220</u>	n/a	n/a	n/a
Total	4,560	30,040	1,340	194	58	194

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Hawaii, 2007

The State of Hawaii, home to 63 mining operations, provided direct employment to 640 people and another 2,740 people indirectly from mining activity occurring both in and outside the state for a total of 3,380 jobs statewide.

Mining jobs in Hawaii are high paying - 108 percent higher than the average wage in the state. The average annual wage in the mining industry in Hawaii was \$82,000 in 2007. Total direct earnings from the State of Hawaii's mining payroll were \$50 million. Including earnings from indirect economic activity from the mining industry in Hawaii and elsewhere, a total of \$140 million was earned by workers in Hawaii. Income and payroll taxes from Hawaii payrolls, including federal, state and local, and FICA totaled nearly \$49 million.

Hawaii mining operations created \$160 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Hawaii and other states generated an additional \$300 million in output from suppliers and other industries in Hawaii. In total, \$460 million in output was generated in Hawaii by the mining industry.

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Mining in the State of Hawaii generates 0.1 percent of the state's GDP.

Mining in Hawaii, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	160	640	50	n/a	n/a	n/a
Indirect	300	2,740	90	n/a	n/a	n/a
In-state	90	840	30	n/a	n/a	n/a
Out-of-state*	<u>210</u>	<u>1,900</u>	<u>60</u>	n/a	n/a	n/a
Total	460	3,380	140	21	7	21
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	70	730	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>730</u>	<u>20</u>	n/a	n/a	n/a
Total	70	730	20	3	1	3
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	50	360	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>360</u>	<u>10</u>	n/a	n/a	n/a
Total	50	360	10	2	1	2
Nonmetallic Mineral Mining						
Direct	160	640	50	n/a	n/a	n/a
Indirect	180	1,650	60	n/a	n/a	n/a
In-state	90	840	30	n/a	n/a	n/a
Out-of-state*	<u>90</u>	<u>810</u>	<u>30</u>	n/a	n/a	n/a
Total	340	2,290	110	16	5	16

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Idaho, 2007

The State of Idaho, home to 245 mining operations, provided direct employment to 3,340 people and another 6,630 people indirectly from mining activity occurring both in and outside the state for a total of 9,970 jobs statewide.

Mining jobs in Idaho are high paying - 58 percent higher than the average wage in the state. The average annual wage in the mining industry in Idaho was \$53,000 in 2007. Total direct earnings from the State of Idaho's mining payroll were \$180 million. Including earnings from indirect economic activity from the mining industry in Idaho and elsewhere, a total of \$390 million was earned by workers in Idaho. Income and payroll taxes from Idaho payrolls, including federal, state and local, and FICA totaled nearly \$125 million.

Idaho mining operations created \$820 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Idaho and other states generated an additional \$700 million in output from suppliers and other industries in Idaho. In total, \$1,520 million in output was generated in Idaho by the mining industry.

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Mining in the State of Idaho generates 0.7 percent of the state's GDP.

Mining in Idaho, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	820	3,340	180	n/a	n/a	n/a
Indirect	700	6,630	210	n/a	n/a	n/a
In-state	470	4,540	150	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,090</u>	<u>60</u>	n/a	n/a	n/a
Total	1,520	9,970	390	51	18	56
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	70	750	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>750</u>	<u>20</u>	n/a	n/a	n/a
Total	70	750	20	3	1	3
Metal Mining						
Direct	570	1,180	90	n/a	n/a	n/a
Indirect	390	3,390	130	n/a	n/a	n/a
In-state	330	2,980	110	n/a	n/a	n/a
Out-of-state*	<u>60</u>	<u>410</u>	<u>20</u>	n/a	n/a	n/a
Total	960	4,570	220	28	10	31
Nonmetallic Mineral Mining						
Direct	250	2,160	90	n/a	n/a	n/a
Indirect	240	2,490	60	n/a	n/a	n/a
In-state	140	1,560	40	n/a	n/a	n/a
Out-of-state*	<u>100</u>	<u>930</u>	<u>20</u>	n/a	n/a	n/a
Total	490	4,650	150	20	7	22

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Illinois, 2007

The State of Illinois, home to 339 mining operations, provided direct employment to 10,700 people and another 41,410 people indirectly from mining activity occurring both in and outside the state for a total of 52,110 jobs statewide.

Mining jobs in Illinois are high paying - 36 percent higher than the average wage in the state. The average annual wage in the mining industry in Illinois was \$65,000 in 2007. Total direct earnings from the State of Illinois' mining payroll were \$690 million. Including earnings from indirect economic activity from the mining industry in Illinois and elsewhere, a total of \$2,390 million was earned by workers in Illinois. Income and payroll taxes from Illinois payrolls, including federal, state and local, and FICA totaled nearly \$816 million.

Illinois mining operations created \$2,130 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Illinois and other states generated an additional \$5,410 million in output from suppliers and other industries in Illinois. In total, \$7,540 million in output was generated in Illinois by the mining industry.

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Mining in the State of Illinois generates 0.2 percent of the state's GDP.

Mining in Illinois, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,130	10,700	690	n/a	n/a	n/a
Indirect	5,410	41,410	1,700	n/a	n/a	n/a
In-state	2,360	19,490	830	n/a	n/a	n/a
Out-of-state*	<u>3,050</u>	<u>21,920</u>	<u>870</u>	n/a	n/a	n/a
Total	7,540	52,110	2,390	407	63	346
Coal Mining						
Direct	900	5,280	370	n/a	n/a	n/a
Indirect	2,040	20,600	830	n/a	n/a	n/a
In-state	1,070	12,620	540	n/a	n/a	n/a
Out-of-state*	<u>970</u>	<u>7,980</u>	<u>290</u>	n/a	n/a	n/a
Total	2,940	25,880	1,200	205	32	174
Metal Mining						
Direct	20	40	**	n/a	n/a	n/a
Indirect	850	4,390	200	n/a	n/a	n/a
In-state	10	80	-	n/a	n/a	n/a
Out-of-state*	<u>840</u>	<u>4,310</u>	<u>200</u>	n/a	n/a	n/a
Total	870	4,430	200	34	5	29
Nonmetallic Mineral Mining						
Direct	1,210	5,380	320	n/a	n/a	n/a
Indirect	2,520	16,420	670	n/a	n/a	n/a
In-state	1,280	6,790	290	n/a	n/a	n/a
Out-of-state*	<u>1,240</u>	<u>9,630</u>	<u>380</u>	n/a	n/a	n/a
Total	3,730	21,800	990	168	26	143

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Indiana, 2007

The State of Indiana, home to 290 mining operations, provided direct employment to 8,930 people and another 26,670 people indirectly from mining activity occurring both in and outside the state for a total of 35,600 jobs statewide.

Mining jobs in Indiana are high paying - 57 percent higher than the average wage in the state. The average annual wage in the mining industry in Indiana was \$59,000 in 2007. Total direct earnings from the State of Indiana's mining payroll were \$520 million. Including earnings from indirect economic activity from the mining industry in Indiana and elsewhere, a total of \$1,520 million was earned by workers in Indiana. Income and payroll taxes from Indiana payrolls, including federal, state and local, and FICA totaled nearly \$482 million.

Indiana mining operations created \$2,210 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Indiana and other states generated an additional \$3,580 million in output from suppliers and other industries in Indiana. In total, \$5,790 million in output was generated in Indiana by the mining industry.

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Mining in the State of Indiana generates 0.4 percent of the state's GDP.

Mining in Indiana, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,210	8,930	520	n/a	n/a	n/a
Indirect	3,580	26,670	1,000	n/a	n/a	n/a
In-state	2,120	16,410	640	n/a	n/a	n/a
Out-of-state*	<u>1,460</u>	<u>10,260</u>	<u>360</u>	n/a	n/a	n/a
Total	5,790	35,600	1,520	211	49	222
Coal Mining						
Direct	1,210	4,630	320	n/a	n/a	n/a
Indirect	1,670	14,600	530	n/a	n/a	n/a
In-state	1,230	10,900	400	n/a	n/a	n/a
Out-of-state*	<u>440</u>	<u>3,700</u>	<u>130</u>	n/a	n/a	n/a
Total	2,880	19,230	850	118	27	124
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	420	2,050	80	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>420</u>	<u>2,050</u>	<u>80</u>	n/a	n/a	n/a
Total	420	2,050	80	11	3	12
Nonmetallic Mineral Mining						
Direct	1,000	4,300	200	n/a	n/a	n/a
Indirect	1,490	10,020	390	n/a	n/a	n/a
In-state	890	5,510	240	n/a	n/a	n/a
Out-of-state*	<u>600</u>	<u>4,510</u>	<u>150</u>	n/a	n/a	n/a
Total	2,490	14,320	590	82	19	86

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Iowa, 2007

The State of Iowa, home to 313 mining operations, provided direct employment to 3,540 people and another 9,070 people indirectly from mining activity occurring both in and outside the state for a total of 12,610 jobs statewide.

Jobs in the Iowa mining industry are high paying - 23 percent higher than the average wage in the state. The average annual wage in the mining industry in Iowa was \$44,000 in 2007. Total direct earnings from the State of Iowa's mining payroll were \$150 million. Including earnings from indirect economic activity from the mining industry in Iowa and elsewhere, a total of \$440 million was earned by workers in Iowa. Income and payroll taxes from Iowa payrolls, including federal, state and local, and FICA totaled nearly \$141 million.

Iowa mining operations created \$680 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Iowa and other states generated an additional \$1,080 million in output from suppliers and other industries in Iowa. In total, \$1,760 million in output was generated in Iowa by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Iowa generates 0.2 percent of the state's GDP.

Mining in Iowa, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	680	3,540	150	n/a	n/a	n/a
Indirect	1,080	9,070	290	n/a	n/a	n/a
In-state	410	3,970	130	n/a	n/a	n/a
Out-of-state*	<u>670</u>	<u>5,100</u>	<u>160</u>	n/a	n/a	n/a
Total	1,760	12,610	440	59	18	64
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	210	1,860	50	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>210</u>	<u>1,860</u>	<u>50</u>	n/a	n/a	n/a
Total	210	1,860	50	7	2	7
Metal Mining						
Direct	10	20	**	n/a	n/a	n/a
Indirect	190	1,070	40	n/a	n/a	n/a
In-state	10	50	-	n/a	n/a	n/a
Out-of-state*	<u>180</u>	<u>1,020</u>	<u>40</u>	n/a	n/a	n/a
Total	200	1,090	40	5	2	6
Nonmetallic Mineral Mining						
Direct	670	3,520	150	n/a	n/a	n/a
Indirect	680	6,140	200	n/a	n/a	n/a
In-state	400	3,920	130	n/a	n/a	n/a
Out-of-state*	<u>280</u>	<u>2,220</u>	<u>70</u>	n/a	n/a	n/a
Total	1,350	9,660	350	47	14	51

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Kansas, 2007

The State of Kansas, home to 224 mining operations, provided direct employment to 3,700 people and another 10,280 people indirectly from mining activity occurring both in and outside the state for a total of 13,980 jobs statewide.

Jobs in the Kansas mining industry are high paying - 5 percent higher than the average wage in the state. The average annual wage in the mining industry in Kansas was \$39,000 in 2007. Total direct earnings from the State of Kansas' mining payroll were \$150 million. Including earnings from indirect economic activity from the mining industry in Kansas and elsewhere, a total of \$510 million was earned by workers in Kansas. Income and payroll taxes from Kansas payrolls, including federal, state and local, and FICA totaled nearly \$168 million.

Kansas mining operations created \$990 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Kansas and other states generated an additional \$1,310 million in output from suppliers and other industries in Kansas. In total, \$2,300 million in output was generated in Kansas by the mining industry.

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Mining in the State of Kansas generates 0.2 percent of the state's GDP.

Mining in Kansas, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	990	3,700	150	n/a	n/a	n/a
Indirect	1,310	10,280	360	n/a	n/a	n/a
In-state	760	5,860	230	n/a	n/a	n/a
Out-of-state*	<u>550</u>	<u>4,420</u>	<u>130</u>	n/a	n/a	n/a
Total	2,300	13,980	510	74	19	75
Coal Mining						
Direct	10	100	10	n/a	n/a	n/a
Indirect	180	1,710	50	n/a	n/a	n/a
In-state	10	220	10	n/a	n/a	n/a
Out-of-state*	<u>170</u>	<u>1,490</u>	<u>40</u>	n/a	n/a	n/a
Total	190	1,810	60	9	2	9
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	160	870	30	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>160</u>	<u>870</u>	<u>30</u>	n/a	n/a	n/a
Total	160	870	30	5	1	5
Nonmetallic Mineral Mining						
Direct	970	3,600	140	n/a	n/a	n/a
Indirect	980	7,700	280	n/a	n/a	n/a
In-state	750	5,640	220	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,060</u>	<u>60</u>	n/a	n/a	n/a
Total	1,950	11,300	420	60	16	61

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Kentucky, 2007

The State of Kentucky, home to 698 mining operations, provided direct employment to 26,080 people and another 58,760 people indirectly from mining activity occurring both in and outside the state for a total of 84,840 jobs statewide.

Jobs in the Kentucky mining industry are high paying - 62 percent higher than the average wage in the state. The average annual wage in the mining industry in Kentucky was \$59,000 in 2007. Total direct earnings from the State of Kentucky's mining payroll were \$1,550 million. Including earnings from indirect economic activity from the mining industry in Kentucky and elsewhere, a total of \$3,950 million was earned by workers in Kentucky. Income and payroll taxes from Kentucky payrolls, including federal, state and local, and FICA totaled nearly \$1,290 million.

Kentucky mining operations created \$6,100 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Kentucky and other states generated an additional \$7,450 million in output from suppliers and other industries in Kentucky. In total, \$13,550 million in output was generated in Kentucky by the mining industry.

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Mining in the State of Kentucky generates 2.1 percent of the state's GDP.

Mining in Kentucky, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	6,100	26,080	1,550	n/a	n/a	n/a
Indirect	7,450	58,760	2,400	n/a	n/a	n/a
In-state	6,670	52,880	2,210	n/a	n/a	n/a
Out-of-state*	<u>780</u>	<u>5,880</u>	<u>190</u>	n/a	n/a	n/a
Total	13,550	84,840	3,950	528	188	574
Coal Mining						
Direct	5,180	22,760	1,390	n/a	n/a	n/a
Indirect	6,030	50,370	2,060	n/a	n/a	n/a
In-state	5,800	48,600	2,000	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>1,770</u>	<u>60</u>	n/a	n/a	n/a
Total	11,210	73,130	3,450	461	164	501
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	220	1,140	40	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>220</u>	<u>1,140</u>	<u>40</u>	n/a	n/a	n/a
Total	220	1,140	40	6	2	6
Nonmetallic Mineral Mining						
Direct	920	3,320	160	n/a	n/a	n/a
Indirect	1,190	7,250	300	n/a	n/a	n/a
In-state	870	4,280	210	n/a	n/a	n/a
Out-of-state*	<u>320</u>	<u>2,970</u>	<u>90</u>	n/a	n/a	n/a
Total	2,110	10,570	460	61	22	67

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Louisiana, 2007

The State of Louisiana, home to 142 mining operations, provided direct employment to 3,560 people and another 10,140 people indirectly from mining activity occurring both in and outside the state for a total of 13,700 jobs statewide.

Jobs in the Louisiana mining industry are high paying - 60 percent higher than the average wage in the state. The average annual wage in the mining industry in Louisiana was \$61,000 in 2007. Total direct earnings from the State of Louisiana's mining payroll were \$210 million. Including earnings from indirect economic activity from the mining industry in Louisiana and elsewhere, a total of \$490 million was earned by workers in Louisiana. Income and payroll taxes from Louisiana payrolls, including federal, state and local, and FICA totaled nearly \$151 million.

Louisiana mining operations created \$480 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Louisiana and other states generated an additional \$990 million in output from suppliers and other industries in Louisiana. In total, \$1,470 million in output was generated in Louisiana by the mining industry.

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Mining in the State of Louisiana generates 0.2 percent of the state's GDP.

Mining in Louisiana, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	480	3,560	210	n/a	n/a	n/a
Indirect	990	10,140	280	n/a	n/a	n/a
In-state	300	3,360	120	n/a	n/a	n/a
Out-of-state*	<u>690</u>	<u>6,780</u>	<u>160</u>	n/a	n/a	n/a
Total	1,470	13,700	490	69	10	72
Coal Mining						
Direct	80	370	30	n/a	n/a	n/a
Indirect	240	2,450	70	n/a	n/a	n/a
In-state	50	760	30	n/a	n/a	n/a
Out-of-state*	<u>190</u>	<u>1,690</u>	<u>40</u>	n/a	n/a	n/a
Total	320	2,820	100	14	2	15
Metal Mining						
Direct	250	750	60	n/a	n/a	n/a
Indirect	360	2,830	90	n/a	n/a	n/a
In-state	160	1,650	60	n/a	n/a	n/a
Out-of-state*	<u>200</u>	<u>1,180</u>	<u>30</u>	n/a	n/a	n/a
Total	610	3,580	150	21	3	22
Nonmetallic Mineral Mining						
Direct	140	2,440	120	n/a	n/a	n/a
Indirect	400	4,860	120	n/a	n/a	n/a
In-state	90	950	30	n/a	n/a	n/a
Out-of-state*	<u>310</u>	<u>3,910</u>	<u>90</u>	n/a	n/a	n/a
Total	540	7,300	240	34	5	35

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Maine, 2007

The State of Maine, home to 195 mining operations, provided direct employment to 1,120 people and another 2,940 people indirectly from mining activity occurring both in and outside the state for a total of 4,060 jobs statewide.

The average annual wage in the mining industry in Maine was \$34,000 in 2007. Total direct earnings from the State of Maine's mining payroll were \$40 million. Including earnings from indirect economic activity from the mining industry in Maine and elsewhere, a total of \$120 million was earned by workers in Maine. Income and payroll taxes from Maine payrolls, including federal, state and local, and FICA totaled nearly \$41 million.

Maine mining operations created \$160 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Maine and other states generated an additional \$300 million in output from suppliers and other industries in Maine. In total, \$460 million in output was generated in Maine by the mining industry.

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Mining in Maine, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	160	1,120	40	n/a	n/a	n/a
Indirect	300	2,940	80	n/a	n/a	n/a
In-state	70	740	30	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,200</u>	<u>50</u>	n/a	n/a	n/a
Total	460	4,060	120	17	6	18
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	70	830	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>830</u>	<u>20</u>	n/a	n/a	n/a
Total	70	830	20	3	1	3
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	60	440	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>60</u>	<u>440</u>	<u>10</u>	n/a	n/a	n/a
Total	60	440	10	2	1	2
Nonmetallic Mineral Mining						
Direct	160	1,120	40	n/a	n/a	n/a
Indirect	170	1,670	50	n/a	n/a	n/a
In-state	70	740	30	n/a	n/a	n/a
Out-of-state*	<u>100</u>	<u>930</u>	<u>20</u>	n/a	n/a	n/a
Total	330	2,790	90	12	4	13

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Maryland, 2007

The State of Maryland, home to 90 mining operations, provided direct employment to 3,320 people and another 12,790 people indirectly from mining activity occurring both in and outside the state for a total of 16,110 jobs statewide.

Jobs in the Maryland mining industry are high paying - 6 percent higher than the average wage in the state. The average annual wage in the mining industry in Maryland was \$51,000 in 2007. Total direct earnings from the State of Maryland's mining payroll were \$170 million. Including earnings from indirect economic activity from the mining industry in Maryland and elsewhere, a total of \$690 million was earned by workers in Maryland. Income and payroll taxes from Maryland payrolls, including federal, state and local, and FICA totaled nearly \$259 million.

Maryland mining operations created \$890 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Maryland and other states generated an additional \$1,610 million in output from suppliers and other industries in Maryland. In total, \$2,500 million in output was generated in Maryland by the mining industry.

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Mining in the State of Maryland generates 0.1 percent of the state's GDP.

Mining in Maryland, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	890	3,320	170	n/a	n/a	n/a
Indirect	1,610	12,790	520	n/a	n/a	n/a
In-state	550	4,370	200	n/a	n/a	n/a
Out-of-state*	<u>1,060</u>	<u>8,420</u>	<u>320</u>	n/a	n/a	n/a
Total	2,500	16,110	690	112	46	101
Coal Mining						
Direct	160	1,300	60	n/a	n/a	n/a
Indirect	440	5,280	200	n/a	n/a	n/a
In-state	100	2,160	80	n/a	n/a	n/a
Out-of-state*	<u>340</u>	<u>3,120</u>	<u>120</u>	n/a	n/a	n/a
Total	600	6,580	260	42	17	38
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	280	1,640	70	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>280</u>	<u>1,640</u>	<u>70</u>	n/a	n/a	n/a
Total	280	1,640	70	11	5	10
Nonmetallic Mineral Mining						
Direct	730	2,020	110	n/a	n/a	n/a
Indirect	890	5,870	250	n/a	n/a	n/a
In-state	460	2,210	120	n/a	n/a	n/a
Out-of-state*	<u>430</u>	<u>3,660</u>	<u>130</u>	n/a	n/a	n/a
Total	1,620	7,890	360	59	24	53

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Massachusetts, 2007

The State of Massachusetts, home to 170 mining operations, provided direct employment to 1,700 people and another 14,330 people indirectly from mining activity occurring both in and outside the state for a total of 16,030 jobs statewide.

The average annual wage in the mining industry in Massachusetts was \$55,000 in 2007. Total direct earnings from the State of Massachusetts' mining payroll were \$90 million. Including earnings from indirect economic activity from the mining industry in Massachusetts and elsewhere, a total of \$740 million was earned by workers in Massachusetts. Income and payroll taxes from Massachusetts payrolls, including federal, state and local, and FICA totaled nearly \$287 million.

Massachusetts mining operations created \$440 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Massachusetts and other states generated an additional \$2,030 million in output from suppliers and other industries in Massachusetts. In total, \$2,470 million in output was generated in Massachusetts by the mining industry.

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Mining in the State of Massachusetts generates 0.1 percent of the state's GDP.

Mining in Massachusetts, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	440	1,700	90	n/a	n/a	n/a
Indirect	2,030	14,330	650	n/a	n/a	n/a
In-state	250	1,890	80	n/a	n/a	n/a
Out-of-state*	<u>1,780</u>	<u>12,440</u>	<u>570</u>	n/a	n/a	n/a
Total	2,470	16,030	740	140	38	109
Coal Mining						
Direct	-	30	**	n/a	n/a	n/a
Indirect	570	4,680	210	n/a	n/a	n/a
In-state	-	50	-	n/a	n/a	n/a
Out-of-state*	<u>570</u>	<u>4,630</u>	<u>210</u>	n/a	n/a	n/a
Total	570	4,710	210	40	11	31
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	480	2,450	120	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>480</u>	<u>2,450</u>	<u>120</u>	n/a	n/a	n/a
Total	480	2,450	120	23	6	18
Nonmetallic Mineral Mining						
Direct	440	1,670	90	n/a	n/a	n/a
Indirect	970	7,200	320	n/a	n/a	n/a
In-state	250	1,840	80	n/a	n/a	n/a
Out-of-state*	<u>720</u>	<u>5,360</u>	<u>240</u>	n/a	n/a	n/a
Total	1,410	8,870	410	77	21	60

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Michigan, 2007

The State of Michigan, home to 482 mining operations, provided direct employment to 5,740 people and another 26,110 people indirectly from mining activity occurring both in and outside the state for a total of 31,850 jobs statewide.

Jobs in the Michigan mining industry are high paying - 43 percent higher than the average wage in the state. The average annual wage in the mining industry in Michigan was \$62,000 in 2007. Total direct earnings from the State of Michigan's mining payroll were \$360 million. Including earnings from indirect economic activity from the mining industry in Michigan and elsewhere, a total of \$1,480 million was earned by workers in Michigan. Income and payroll taxes from Michigan payrolls, including federal, state and local, and FICA totaled nearly \$488 million.

Michigan mining operations created \$1,920 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Michigan and other states generated an additional \$3,720 million in output from suppliers and other industries in Michigan. In total, \$5,640 million in output was generated in Michigan by the mining industry.

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Mining in the State of Michigan generates 0.2 percent of the state's GDP.

Mining in Michigan, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	1,920	5,740	360	n/a	n/a	n/a
Indirect	3,720	26,110	1,120	n/a	n/a	n/a
In-state	1,420	10,360	480	n/a	n/a	n/a
Out-of-state*	<u>2,300</u>	<u>15,750</u>	<u>640</u>	n/a	n/a	n/a
Total	5,640	31,850	1,480	222	50	216
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	720	5,760	220	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>720</u>	<u>5,760</u>	<u>220</u>	n/a	n/a	n/a
Total	720	5,760	220	33	7	32
Metal Mining						
Direct	830	1,690	110	n/a	n/a	n/a
Indirect	1,340	7,700	380	n/a	n/a	n/a
In-state	700	4,560	240	n/a	n/a	n/a
Out-of-state*	<u>640</u>	<u>3,140</u>	<u>140</u>	n/a	n/a	n/a
Total	2,170	9,390	490	74	17	72
Nonmetallic Mineral Mining						
Direct	1,090	4,050	250	n/a	n/a	n/a
Indirect	1,660	12,650	520	n/a	n/a	n/a
In-state	730	5,800	240	n/a	n/a	n/a
Out-of-state*	<u>930</u>	<u>6,850</u>	<u>280</u>	n/a	n/a	n/a
Total	2,750	16,700	770	115	26	112

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Minnesota, 2007

The State of Minnesota, home to 571 mining operations, provided direct employment to 8,040 people and another 24,680 people indirectly from mining activity occurring both in and outside the state for a total of 32,720 jobs statewide.

Jobs in the Minnesota mining industry are high paying - 44 percent higher than the average wage in the state. The average annual wage in the mining industry in Minnesota was \$64,000 in 2007. Total direct earnings from the State of Minnesota's mining payroll were \$510 million. Including earnings from indirect economic activity from the mining industry in Minnesota and elsewhere, a total of \$1,580 million was earned by workers in Minnesota. Income and payroll taxes from Minnesota payrolls, including federal, state and local, and FICA totaled nearly \$559 million.

Minnesota mining operations created \$2,560 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Minnesota and other states generated an additional \$3,440 million in output from suppliers and other industries in Minnesota. In total, \$6,000 million in output was generated in Minnesota by the mining industry.

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Mining in the State of Minnesota generates 0.6 percent of the state's GDP.

Mining in Minnesota, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,560	8,040	510	n/a	n/a	n/a
Indirect	3,440	24,680	1,070	n/a	n/a	n/a
In-state	2,160	14,910	680	n/a	n/a	n/a
Out-of-state*	<u>1,280</u>	<u>9,770</u>	<u>390</u>	n/a	n/a	n/a
Total	6,000	32,720	1,580	245	85	229
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	410	3,550	130	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>410</u>	<u>3,550</u>	<u>130</u>	n/a	n/a	n/a
Total	410	3,550	130	20	7	19
Metal Mining						
Direct	2,220	4,940	360	n/a	n/a	n/a
Indirect	2,280	14,570	700	n/a	n/a	n/a
In-state	1,920	12,660	610	n/a	n/a	n/a
Out-of-state*	<u>360</u>	<u>1,910</u>	<u>90</u>	n/a	n/a	n/a
Total	4,500	19,510	1,060	165	57	154
Nonmetallic Mineral Mining						
Direct	330	3,100	150	n/a	n/a	n/a
Indirect	770	6,560	240	n/a	n/a	n/a
In-state	240	2,250	70	n/a	n/a	n/a
Out-of-state*	<u>530</u>	<u>4,310</u>	<u>170</u>	n/a	n/a	n/a
Total	1,100	9,660	390	60	21	56

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Mississippi, 2007

The State of Mississippi, home to 95 mining operations, provided direct employment to 1,750 people and another 6,000 people indirectly from mining activity occurring both in and outside the state for a total of 7,750 jobs statewide.

Jobs in the Mississippi mining industry are high paying - 24 percent higher than the average wage in the state. The average annual wage in the mining industry in Mississippi was \$40,000 in 2007. Total direct earnings from the State of Mississippi's mining payroll were \$70 million. Including earnings from indirect economic activity from the mining industry in Mississippi and elsewhere, a total of \$250 million was earned by workers in Mississippi. Income and payroll taxes from Mississippi payrolls, including federal, state and local, and FICA totaled nearly \$74 million.

Mississippi mining operations created \$360 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Mississippi and other states generated an additional \$650 million in output from suppliers and other industries in Mississippi. In total, \$1,010 million in output was generated in Mississippi by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Mississippi generates 0.2 percent of the state's GDP.

Mining in Mississippi, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	360	1,750	70	n/a	n/a	n/a
Indirect	650	6,000	180	n/a	n/a	n/a
In-state	250	2,050	70	n/a	n/a	n/a
Out-of-state*	<u>400</u>	<u>3,950</u>	<u>110</u>	n/a	n/a	n/a
Total	1,010	7,750	250	31	7	36
Coal Mining						
Direct	100	190	10	n/a	n/a	n/a
Indirect	180	1,820	60	n/a	n/a	n/a
In-state	60	430	20	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>1,390</u>	<u>40</u>	n/a	n/a	n/a
Total	280	2,010	70	9	2	10
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	110	780	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>110</u>	<u>780</u>	<u>20</u>	n/a	n/a	n/a
Total	110	780	20	3	1	3
Nonmetallic Mineral Mining						
Direct	260	1,560	60	n/a	n/a	n/a
Indirect	360	3,400	100	n/a	n/a	n/a
In-state	190	1,620	50	n/a	n/a	n/a
Out-of-state*	<u>170</u>	<u>1,780</u>	<u>50</u>	n/a	n/a	n/a
Total	620	4,960	160	19	4	23

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Missouri, 2007

The State of Missouri, home to 338 mining operations, provided direct employment to 8,160 people and another 22,620 people indirectly from mining activity occurring both in and outside the state for a total of 30,780 jobs statewide.

Jobs in the Missouri mining industry are high paying - 35 percent higher than the average wage in the state. The average annual wage in the mining industry in Missouri was \$52,000 in 2007. Total direct earnings from the State of Missouri's mining payroll were \$420 million. Including earnings from indirect economic activity from the mining industry in Missouri and elsewhere, a total of \$1,310 million was earned by workers in Missouri. Income and payroll taxes from Missouri payrolls, including federal, state and local, and FICA totaled nearly \$427 million.

Missouri mining operations created \$2,220 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Missouri and other states generated an additional \$3,070 million in output from suppliers and other industries in Missouri. In total, \$5,290 million in output was generated in Missouri by the mining industry.

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Mining in the State of Missouri generates 0.5 percent of the state's GDP.

Mining in Missouri, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,220	8,160	420	n/a	n/a	n/a
Indirect	3,070	22,620	890	n/a	n/a	n/a
In-state	1,880	13,000	570	n/a	n/a	n/a
Out-of-state*	<u>1,190</u>	<u>9,620</u>	<u>320</u>	n/a	n/a	n/a
Total	5,290	30,780	1,310	189	49	189
Coal Mining						
Direct	-	260	20	n/a	n/a	n/a
Indirect	380	4,420	140	n/a	n/a	n/a
In-state	-	930	30	n/a	n/a	n/a
Out-of-state*	<u>380</u>	<u>3,490</u>	<u>110</u>	n/a	n/a	n/a
Total	380	4,680	160	23	6	23
Metal Mining						
Direct	1,520	980	80	n/a	n/a	n/a
Indirect	1,630	8,570	430	n/a	n/a	n/a
In-state	1,300	6,680	360	n/a	n/a	n/a
Out-of-state*	<u>330</u>	<u>1,890</u>	<u>70</u>	n/a	n/a	n/a
Total	3,150	9,550	510	74	19	74
Nonmetallic Mineral Mining						
Direct	700	6,920	320	n/a	n/a	n/a
Indirect	1,050	9,630	320	n/a	n/a	n/a
In-state	580	5,390	180	n/a	n/a	n/a
Out-of-state*	<u>470</u>	<u>4,240</u>	<u>140</u>	n/a	n/a	n/a
Total	1,750	16,550	640	92	24	92

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Montana, 2007

The State of Montana, home to 298 mining operations, provided direct employment to 5,770 people and another 10,450 people indirectly from mining activity occurring both in and outside the state for a total of 16,220 jobs statewide.

Jobs in the Montana mining industry are high paying - 105 percent higher than the average wage in the state. The average annual wage in the mining industry in Montana was \$66,000 in 2007. Total direct earnings from the State of Montana's mining payroll were \$380 million. Including earnings from indirect economic activity from the mining industry in Montana and elsewhere, a total of \$740 million was earned by workers in Montana. Income and payroll taxes from Montana payrolls, including federal, state and local, and FICA totaled nearly \$246 million.

Montana mining operations created \$1,840 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Montana and other states generated an additional \$1,210 million in output from suppliers and other industries in Montana. In total, \$3,050 million in output was generated in Montana by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Montana generates 2.7 percent of the state's GDP.

Mining in Montana, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	1,840	5,770	380	n/a	n/a	n/a
Indirect	1,210	10,450	360	n/a	n/a	n/a
In-state	1,080	9,130	330	n/a	n/a	n/a
Out-of-state*	<u>130</u>	<u>1,320</u>	<u>30</u>	n/a	n/a	n/a
Total	3,050	16,220	740	105	33	108
Coal Mining						
Direct	540	1,050	70	n/a	n/a	n/a
Indirect	370	3,400	120	n/a	n/a	n/a
In-state	330	2,980	110	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>420</u>	<u>10</u>	n/a	n/a	n/a
Total	910	4,450	190	27	8	28
Metal Mining						
Direct	1,180	2,730	210	n/a	n/a	n/a
Indirect	720	5,550	210	n/a	n/a	n/a
In-state	680	5,310	210	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>240</u>	<u>-</u>	n/a	n/a	n/a
Total	1,900	8,280	420	59	19	61
Nonmetallic Mineral Mining						
Direct	120	1,990	100	n/a	n/a	n/a
Indirect	120	1,500	30	n/a	n/a	n/a
In-state	70	840	10	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>660</u>	<u>20</u>	n/a	n/a	n/a
Total	240	3,490	130	19	6	19

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Nebraska, 2007

The State of Nebraska, home to 167 mining operations, provided direct employment to 1,300 people and another 4,580 people indirectly from mining activity occurring both in and outside the state for a total of 5,880 jobs statewide.

Jobs in the Nebraska mining industry are high paying - 19 percent higher than the average wage in the state. The average annual wage in the mining industry in Nebraska was \$42,000 in 2007. Total direct earnings from the State of Nebraska's mining payroll were \$60 million. Including earnings from indirect economic activity from the mining industry in Nebraska and elsewhere, a total of \$210 million was earned by workers in Nebraska. Income and payroll taxes from Nebraska payrolls, including federal, state and local, and FICA totaled nearly \$64 million.

Nebraska mining operations created \$240 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Nebraska and other states generated an additional \$540 million in output from suppliers and other industries in Nebraska. In total, \$780 million in output was generated in Nebraska by the mining industry.

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Mining in the State of Nebraska generates 0.2 percent of the state's GDP.

Mining in Nebraska, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	240	1,300	60	n/a	n/a	n/a
Indirect	540	4,580	150	n/a	n/a	n/a
In-state	140	1,480	40	n/a	n/a	n/a
Out-of-state*	<u>400</u>	<u>3,100</u>	<u>110</u>	n/a	n/a	n/a
Total	780	5,880	210	28	7	29
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	120	1,140	40	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>1,140</u>	<u>40</u>	n/a	n/a	n/a
Total	120	1,140	40	6	1	6
Metal Mining						
Direct	20	100	6	n/a	n/a	n/a
Indirect	120	760	24	n/a	n/a	n/a
In-state	10	140	4	n/a	n/a	n/a
Out-of-state*	<u>110</u>	<u>620</u>	<u>20</u>	n/a	n/a	n/a
Total	140	860	30	3	1	3
Nonmetallic Mineral Mining						
Direct	220	1,200	50	n/a	n/a	n/a
Indirect	300	2,680	90	n/a	n/a	n/a
In-state	130	1,340	40	n/a	n/a	n/a
Out-of-state*	<u>170</u>	<u>1,340</u>	<u>50</u>	n/a	n/a	n/a
Total	520	3,880	140	19	5	20

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Nevada, 2007

The State of Nevada, home to 225 mining operations, provided direct employment to 13,150 people and another 21,620 people indirectly from mining activity occurring both in and outside the state for a total of 34,770 jobs statewide.

Jobs in the Nevada mining industry are high paying - 76 percent higher than the average wage in the state. The average annual wage in the mining industry in Nevada was \$74,000 in 2007. Total direct earnings from the State of Nevada's mining payroll were \$970 million. Including earnings from indirect economic activity from the mining industry in Nevada and elsewhere, a total of \$1,900 million was earned by workers in Nevada. Income and payroll taxes from Nevada payrolls, including federal, state and local, and FICA totaled nearly \$630 million.

Nevada mining operations created \$5,220 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Nevada and other states generated an additional \$2,970 million in output from suppliers and other industries in Nevada. In total, \$8,190 million in output was generated in Nevada by the mining industry.

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Mining in the State of Nevada generates 2.1 percent of the state's GDP.

Mining in Nevada, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	5,220	13,150	970	n/a	n/a	n/a
Indirect	2,970	21,620	930	n/a	n/a	n/a
In-state	2,530	17,960	800	n/a	n/a	n/a
Out-of-state*	<u>440</u>	<u>3,660</u>	<u>130</u>	n/a	n/a	n/a
Total	8,190	34,770	1,900	354	-	276
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	150	1,250	40	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>150</u>	<u>1,250</u>	<u>40</u>	n/a	n/a	n/a
Total	150	1,250	40	7	-	6
Metal Mining						
Direct	4,230	10,440	840	n/a	n/a	n/a
Indirect	2,190	15,280	700	n/a	n/a	n/a
In-state	2,070	14,610	680	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>670</u>	<u>20</u>	n/a	n/a	n/a
Total	6,420	25,720	1,540	288	-	224
Nonmetallic Mineral Mining						
Direct	980	2,710	130	n/a	n/a	n/a
Indirect	650	5,090	190	n/a	n/a	n/a
In-state	460	3,350	120	n/a	n/a	n/a
Out-of-state*	<u>190</u>	<u>1,740</u>	<u>70</u>	n/a	n/a	n/a
Total	1,630	7,800	320	59	-	46

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in New Hampshire, 2007

The State of New Hampshire, home to 129 mining operations, provided direct employment to 850 people and another 2,880 people indirectly from mining activity occurring both in and outside the state for a total of 3,730 jobs statewide.

Jobs in the New Hampshire mining industry are high paying - 16 percent higher than the average wage in the state. The average annual wage in the mining industry in New Hampshire was \$51,000 in 2007. Total direct earnings from the State of New Hampshire's mining payroll were \$40 million. Including earnings from indirect economic activity from the mining industry in New Hampshire and elsewhere, a total of \$140 million was earned by workers in New Hampshire. Income and payroll taxes from New Hampshire payrolls, including federal, state and local, and FICA totaled nearly \$43 million.

New Hampshire mining operations created \$120 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in New Hampshire and other states generated an additional \$360 million in output from suppliers and other industries in New Hampshire. In total, \$480 million in output was generated in New Hampshire by the mining industry.

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Mining in the State of New Hampshire generates 0.1 percent of the state's GDP.

Mining in New Hampshire, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	120	850	40	n/a	n/a	n/a
Indirect	360	2,880	100	n/a	n/a	n/a
In-state	70	610	20	n/a	n/a	n/a
Out-of-state*	<u>290</u>	<u>2,270</u>	<u>80</u>	n/a	n/a	n/a
Total	480	3,730	140	22	-	21
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	90	840	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>90</u>	<u>840</u>	<u>20</u>	n/a	n/a	n/a
Total	90	840	20	3	-	3
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	80	450	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>80</u>	<u>450</u>	<u>20</u>	n/a	n/a	n/a
Total	80	450	20	3	-	3
Nonmetallic Mineral Mining						
Direct	120	850	40	n/a	n/a	n/a
Indirect	190	1,590	60	n/a	n/a	n/a
In-state	70	610	20	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>980</u>	<u>40</u>	n/a	n/a	n/a
Total	310	2,440	100	16	-	15

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in New Jersey, 2007

The State of New Jersey, home to 74 mining operations, provided direct employment to 1,590 people and another 17,660 people indirectly from mining activity occurring both in and outside the state for a total of 19,250 jobs statewide.

Jobs in the New Jersey mining industry are high paying - 10 percent higher than the average wage in the state. The average annual wage in the mining industry in New Jersey was \$59,000 in 2007. Total direct earnings from the State of New Jersey's mining payroll were \$90 million. Including earnings from indirect economic activity from the mining industry in New Jersey and elsewhere, a total of \$880 million was earned by workers in New Jersey. Income and payroll taxes from New Jersey payrolls, including federal, state and local, and FICA totaled nearly \$327 million.

New Jersey mining operations created \$590 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in New Jersey and other states generated an additional \$2,740 million in output from suppliers and other industries in New Jersey. In total, \$3,330 million in output was generated in New Jersey by the mining industry.

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Mining in the State of New Jersey generates 0.1 percent of the state's GDP.

Mining in New Jersey, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	590	1,590	90	n/a	n/a	n/a
Indirect	2,740	17,660	790	n/a	n/a	n/a
In-state	440	2,710	130	n/a	n/a	n/a
Out-of-state*	<u>2,300</u>	<u>14,950</u>	<u>660</u>	n/a	n/a	n/a
Total	3,330	19,250	880	160	41	126
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	740	5,500	230	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>740</u>	<u>5,500</u>	<u>230</u>	n/a	n/a	n/a
Total	740	5,500	230	42	11	33
Metal Mining						
Direct	10	20	**	n/a	n/a	n/a
Indirect	630	2,970	150	n/a	n/a	n/a
In-state	-	30	-	n/a	n/a	n/a
Out-of-state*	<u>630</u>	<u>2,940</u>	<u>150</u>	n/a	n/a	n/a
Total	640	2,990	150	27	7	21
Nonmetallic Mineral Mining						
Direct	580	1,570	90	n/a	n/a	n/a
Indirect	1,370	9,190	410	n/a	n/a	n/a
In-state	430	2,680	130	n/a	n/a	n/a
Out-of-state*	<u>940</u>	<u>6,510</u>	<u>280</u>	n/a	n/a	n/a
Total	1,950	10,760	500	91	23	72

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in New Mexico, 2007

The State of New Mexico, home to 204 mining operations, provided direct employment to 6,240 people and another 14,690 people indirectly from mining activity occurring both in and outside the state for a total of 20,930 jobs statewide.

Jobs in the New Mexico mining industry are high paying - 68 percent higher than the average wage in the state. The average annual wage in the mining industry in New Mexico was \$61,000 in 2007. Total direct earnings from the State of New Mexico's mining payroll were \$380 million. Including earnings from indirect economic activity from the mining industry in New Mexico and elsewhere, a total of \$950 million was earned by workers in New Mexico. Income and payroll taxes from New Mexico payrolls, including federal, state and local, and FICA totaled nearly \$298 million.

New Mexico mining operations created \$2,280 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in New Mexico and other states generated an additional \$1,940 million in output from suppliers and other industries in New Mexico. In total, \$4,220 million in output was generated in New Mexico by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of New Mexico generates 1.0 percent of the state's GDP.

Mining in New Mexico, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,280	6,240	380	n/a	n/a	n/a
Indirect	1,940	14,690	570	n/a	n/a	n/a
In-state	1,680	12,340	510	n/a	n/a	n/a
Out-of-state*	<u>260</u>	<u>2,350</u>	<u>60</u>	n/a	n/a	n/a
Total	4,220	20,930	950	127	33	138
Coal Mining						
Direct	750	1,660	130	n/a	n/a	n/a
Indirect	620	4,300	160	n/a	n/a	n/a
In-state	550	3,680	150	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>620</u>	<u>10</u>	n/a	n/a	n/a
Total	1,370	5,960	290	39	10	42
Metal Mining						
Direct	1,300	1,890	110	n/a	n/a	n/a
Indirect	1,030	7,050	320	n/a	n/a	n/a
In-state	960	6,640	310	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>410</u>	<u>10</u>	n/a	n/a	n/a
Total	2,330	8,940	430	57	15	62
Nonmetallic Mineral Mining						
Direct	230	2,690	140	n/a	n/a	n/a
Indirect	280	3,340	90	n/a	n/a	n/a
In-state	170	2,020	50	n/a	n/a	n/a
Out-of-state*	<u>110</u>	<u>1,320</u>	<u>40</u>	n/a	n/a	n/a
Total	510	6,030	230	31	8	34

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in New York, 2007

The State of New York, home to 562 mining operations, provided direct employment to 6,290 people and another 35,340 people indirectly from mining activity occurring both in and outside the state for a total of 41,630 jobs statewide.

The average annual wage in the mining industry in New York was \$51,000 in 2007. Total direct earnings from the State of New York's mining payroll were \$320 million. Including earnings from indirect economic activity from the mining industry in New York and elsewhere, a total of \$2,050 million was earned by workers in New York. Income and payroll taxes from New York payrolls, including federal, state and local, and FICA totaled nearly \$834 million.

New York mining operations created \$1,340 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in New York and other states generated an additional \$5,660 million in output from suppliers and other industries in New York. In total, \$7,000 million in output was generated in New York by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of New York generates 0.1 percent of the state's GDP.

Mining in New York, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	1,340	6,290	320	n/a	n/a	n/a
Indirect	5,660	35,340	1,730	n/a	n/a	n/a
In-state	700	4,370	220	n/a	n/a	n/a
Out-of-state*	<u>4,960</u>	<u>30,970</u>	<u>1,510</u>	n/a	n/a	n/a
Total	7,000	41,630	2,050	388	149	297
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	1,630	11,620	550	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>1,630</u>	<u>11,620</u>	<u>550</u>	n/a	n/a	n/a
Total	1,630	11,620	550	104	40	80
Metal Mining						
Direct	520	370	20	n/a	n/a	n/a
Indirect	1,570	7,260	420	n/a	n/a	n/a
In-state	250	1,250	90	n/a	n/a	n/a
Out-of-state*	<u>1,320</u>	<u>6,010</u>	<u>330</u>	n/a	n/a	n/a
Total	2,090	7,630	440	83	32	63
Nonmetallic Mineral Mining						
Direct	820	5,920	300	n/a	n/a	n/a
Indirect	2,470	16,460	760	n/a	n/a	n/a
In-state	450	3,120	130	n/a	n/a	n/a
Out-of-state*	<u>2,020</u>	<u>13,340</u>	<u>630</u>	n/a	n/a	n/a
Total	3,290	22,380	1,060	201	77	154

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in North Carolina, 2007

The State of North Carolina, home to 317 mining operations, provided direct employment to 7,570 people and another 20,450 people indirectly from mining activity occurring both in and outside the state for a total of 28,020 jobs statewide.

Jobs in the North Carolina mining industry are high paying - 65 percent higher than the average wage in the state. The average annual wage in the mining industry in North Carolina was \$64,000 in 2007. Total direct earnings from the State of North Carolina's mining payroll were \$490 million. Including earnings from indirect economic activity from the mining industry in North Carolina and elsewhere, a total of \$1,160 million was earned by workers in North Carolina. Income and payroll taxes from North Carolina payrolls, including federal, state and local, and FICA totaled nearly \$389 million.

North Carolina mining operations created \$990 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in North Carolina and other states generated an additional \$2,740 million in output from suppliers and other industries in North Carolina. In total, \$3,730 million in output was generated in North Carolina by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of North Carolina generates 0.2 percent of the state's GDP.

Mining in North Carolina, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	990	7,570	490	n/a	n/a	n/a
Indirect	2,740	20,450	670	n/a	n/a	n/a
In-state	690	6,750	230	n/a	n/a	n/a
Out-of-state*	<u>2,050</u>	<u>13,700</u>	<u>440</u>	n/a	n/a	n/a
Total	3,730	28,020	1,160	161	59	169
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	640	5,050	150	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>640</u>	<u>5,050</u>	<u>150</u>	n/a	n/a	n/a
Total	640	5,050	150	21	8	22
Metal Mining						
Direct	-	10	**	n/a	n/a	n/a
Indirect	590	2,750	100	n/a	n/a	n/a
In-state	-	10	-	n/a	n/a	n/a
Out-of-state*	<u>590</u>	<u>2,740</u>	<u>100</u>	n/a	n/a	n/a
Total	590	2,760	100	14	5	15
Nonmetallic Mineral Mining						
Direct	990	7,560	490	n/a	n/a	n/a
Indirect	1,520	12,650	420	n/a	n/a	n/a
In-state	690	6,740	230	n/a	n/a	n/a
Out-of-state*	<u>830</u>	<u>5,910</u>	<u>190</u>	n/a	n/a	n/a
Total	2,510	20,210	910	126	46	132

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in North Dakota, 2007

The State of North Dakota, home to 145 mining operations, provided direct employment to 2,090 people and another 3,720 people indirectly from mining activity occurring both in and outside the state for a total of 5,810 jobs statewide.

Jobs in the North Dakota mining industry are high paying - 96 percent higher than the average wage in the state. The average annual wage in the mining industry in North Dakota was \$65,000 in 2007. Total direct earnings from the State of North Dakota's mining payroll were \$140 million. Including earnings from indirect economic activity from the mining industry in North Dakota and elsewhere, a total of \$260 million was earned by workers in North Dakota. Income and payroll taxes from North Dakota payrolls, including federal, state and local, and FICA totaled nearly \$78 million.

North Dakota mining operations created \$430 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in North Dakota and other states generated an additional \$500 million in output from suppliers and other industries in North Dakota. In total, \$930 million in output was generated in North Dakota by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of North Dakota generates 0.8 percent of the state's GDP.

Mining in North Dakota, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	430	2,090	140	n/a	n/a	n/a
Indirect	500	3,720	120	n/a	n/a	n/a
In-state	380	2,720	100	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>1,000</u>	<u>20</u>	n/a	n/a	n/a
Total	930	5,810	260	36	4	38
Coal Mining						
Direct	360	1,280	100	n/a	n/a	n/a
Indirect	360	2,580	90	n/a	n/a	n/a
In-state	320	2,290	90	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>290</u>	<u>-</u>	n/a	n/a	n/a
Total	720	3,860	190	26	3	28
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	30	190	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>30</u>	<u>190</u>	<u>10</u>	n/a	n/a	n/a
Total	30	190	10	1	-	1
Nonmetallic Mineral Mining						
Direct	60	810	40	n/a	n/a	n/a
Indirect	110	950	20	n/a	n/a	n/a
In-state	60	430	10	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>520</u>	<u>10</u>	n/a	n/a	n/a
Total	170	1,760	60	9	1	9

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Ohio, 2007

The State of Ohio, home to 447 mining operations, provided direct employment to 11,020 people and another 34,960 people indirectly from mining activity occurring both in and outside the state for a total of 45,980 jobs statewide.

Jobs in the Ohio mining industry are high paying - 28 percent higher than the average wage in the state. The average annual wage in the mining industry in Ohio was \$51,000 in 2007. Total direct earnings from the State of Ohio's mining payroll were \$560 million. Including earnings from indirect economic activity from the mining industry in Ohio and elsewhere, a total of \$1,870 million was earned by workers in Ohio. Income and payroll taxes from Ohio payrolls, including federal, state and local, and FICA totaled nearly \$627 million.

Ohio mining operations created \$1,930 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Ohio and other states generated an additional \$4,370 million in output from suppliers and other industries in Ohio. In total, \$6,300 million in output was generated in Ohio by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Ohio generates 0.2 percent of the state's GDP.

Mining in Ohio, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	1,930	11,020	560	n/a	n/a	n/a
Indirect	4,370	34,960	1,310	n/a	n/a	n/a
In-state	1,830	15,830	640	n/a	n/a	n/a
Out-of-state*	<u>2,540</u>	<u>19,130</u>	<u>670</u>	n/a	n/a	n/a
Total	6,300	45,980	1,870	263	92	272
Coal Mining						
Direct	680	3,910	230	n/a	n/a	n/a
Indirect	1,470	15,590	570	n/a	n/a	n/a
In-state	680	8,740	340	n/a	n/a	n/a
Out-of-state*	<u>790</u>	<u>6,850</u>	<u>230</u>	n/a	n/a	n/a
Total	2,150	19,500	800	112	39	116
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	720	3,810	150	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>720</u>	<u>3,810</u>	<u>150</u>	n/a	n/a	n/a
Total	720	3,810	150	21	8	22
Nonmetallic Mineral Mining						
Direct	1,250	7,110	330	n/a	n/a	n/a
Indirect	2,180	15,560	590	n/a	n/a	n/a
In-state	1,150	7,090	300	n/a	n/a	n/a
Out-of-state*	<u>1,030</u>	<u>8,470</u>	<u>290</u>	n/a	n/a	n/a
Total	3,430	22,670	920	130	45	134

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Oklahoma, 2007

The State of Oklahoma, home to 244 mining operations, provided direct employment to 3,530 people and another 9,800 people indirectly from mining activity occurring both in and outside the state for a total of 13,330 jobs statewide.

Jobs in the Oklahoma mining industry are high paying - 24 percent higher than the average wage in the state. The average annual wage in the mining industry in Oklahoma was \$44,000 in 2007. Total direct earnings from the State of Oklahoma's mining payroll were \$150 million. Including earnings from indirect economic activity from the mining industry in Oklahoma and elsewhere, a total of \$480 million was earned by workers in Oklahoma. Income and payroll taxes from Oklahoma payrolls, including federal, state and local, and FICA totaled nearly \$157 million.

Oklahoma mining operations created \$730 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Oklahoma and other states generated an additional \$1,120 million in output from suppliers and other industries in Oklahoma. In total, \$1,850 million in output was generated in Oklahoma by the mining industry.

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Mining in the State of Oklahoma generates 0.2 percent of the state's GDP.

Mining in Oklahoma, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	730	3,530	150	n/a	n/a	n/a
Indirect	1,120	9,800	330	n/a	n/a	n/a
In-state	600	5,100	180	n/a	n/a	n/a
Out-of-state*	<u>520</u>	<u>4,700</u>	<u>150</u>	n/a	n/a	n/a
Total	1,850	13,330	480	67	20	70
Coal Mining						
Direct	40	230	20	n/a	n/a	n/a
Indirect	190	1,860	60	n/a	n/a	n/a
In-state	40	580	20	n/a	n/a	n/a
Out-of-state*	<u>150</u>	<u>1,280</u>	<u>40</u>	n/a	n/a	n/a
Total	230	2,090	80	11	3	12
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	150	890	30	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>150</u>	<u>890</u>	<u>30</u>	n/a	n/a	n/a
Total	150	890	30	4	1	4
Nonmetallic Mineral Mining						
Direct	680	3,300	130	n/a	n/a	n/a
Indirect	800	7,050	240	n/a	n/a	n/a
In-state	570	4,520	160	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,530</u>	<u>80</u>	n/a	n/a	n/a
Total	1,480	10,350	370	52	16	54

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Oregon, 2007

The State of Oregon, home to 304 mining operations, provided direct employment to 2,920 people and another 9,410 people indirectly from mining activity occurring both in and outside the state for a total of 12,330 jobs statewide.

Jobs in the Oregon mining industry are high paying - 21 percent higher than the average wage in the state. The average annual wage in the mining industry in Oregon was \$48,000 in 2007. Total direct earnings from the State of Oregon's mining payroll were \$140 million. Including earnings from indirect economic activity from the mining industry in Oregon and elsewhere, a total of \$440 million was earned by workers in Oregon. Income and payroll taxes from Oregon payrolls, including federal, state and local, and FICA totaled nearly \$158 million.

Oregon mining operations created \$510 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Oregon and other states generated an additional \$1,040 million in output from suppliers and other industries in Oregon. In total, \$1,550 million in output was generated in Oregon by the mining industry.

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Mining in the State of Oregon generates 0.1 percent of the state's GDP.

Mining in Oregon, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	510	2,920	140	n/a	n/a	n/a
Indirect	1,040	9,410	300	n/a	n/a	n/a
In-state	330	2,940	100	n/a	n/a	n/a
Out-of-state*	<u>710</u>	<u>6,470</u>	<u>200</u>	n/a	n/a	n/a
Total	1,550	12,330	440	64	30	64
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	220	2,440	70	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>220</u>	<u>2,440</u>	<u>70</u>	n/a	n/a	n/a
Total	220	2,440	70	10	5	10
Metal Mining						
Direct	20	50	**	n/a	n/a	n/a
Indirect	210	1,370	50	n/a	n/a	n/a
In-state	10	100	-	n/a	n/a	n/a
Out-of-state*	<u>200</u>	<u>1,270</u>	<u>50</u>	n/a	n/a	n/a
Total	230	1,420	50	7	3	7
Nonmetallic Mineral Mining						
Direct	490	2,870	140	n/a	n/a	n/a
Indirect	610	5,600	180	n/a	n/a	n/a
In-state	320	2,840	100	n/a	n/a	n/a
Out-of-state*	<u>290</u>	<u>2,760</u>	<u>80</u>	n/a	n/a	n/a
Total	1,100	8,470	320	47	22	47

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Pennsylvania, 2007

The State of Pennsylvania, home to 940 mining operations, provided direct employment to 21,900 people and another 59,970 people indirectly from mining activity occurring both in and outside the state for a total of 81,870 jobs statewide.

Jobs in the Pennsylvania mining industry are high paying - 30 percent higher than the average wage in the state. The average annual wage in the mining industry in Pennsylvania was \$56,000 in 2007. Total direct earnings from the State of Pennsylvania's mining payroll were \$1,220 million. Including earnings from indirect economic activity from the mining industry in Pennsylvania and elsewhere, a total of \$3,660 million was earned by workers in Pennsylvania. Income and payroll taxes from Pennsylvania payrolls, including federal, state and local, and FICA totaled nearly \$1,230 million.

Pennsylvania mining operations created \$4,140 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Pennsylvania and other states generated an additional \$7,320 million in output from suppliers and other industries in Pennsylvania. In total, \$11,460 million in output was generated in Pennsylvania by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Pennsylvania generates 0.4 percent of the state's GDP.

Mining in Pennsylvania, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	4,140	21,900	1,220	n/a	n/a	n/a
Indirect	7,320	59,970	2,440	n/a	n/a	n/a
In-state	4,580	39,430	1,690	n/a	n/a	n/a
Out-of-state*	<u>2,740</u>	<u>20,540</u>	<u>750</u>	n/a	n/a	n/a
Total	11,460	81,870	3,660	573	125	532
Coal Mining						
Direct	2,370	11,170	720	n/a	n/a	n/a
Indirect	3,660	37,930	1,510	n/a	n/a	n/a
In-state	2,800	30,670	1,260	n/a	n/a	n/a
Out-of-state*	<u>860</u>	<u>7,260</u>	<u>250</u>	n/a	n/a	n/a
Total	6,030	49,100	2,230	349	76	324
Metal Mining						
Direct	10	30	**	n/a	n/a	n/a
Indirect	780	4,090	170	n/a	n/a	n/a
In-state	10	40	-	n/a	n/a	n/a
Out-of-state*	<u>770</u>	<u>4,050</u>	<u>170</u>	n/a	n/a	n/a
Total	790	4,120	170	27	6	25
Nonmetallic Mineral Mining						
Direct	1,760	10,700	500	n/a	n/a	n/a
Indirect	2,890	17,950	760	n/a	n/a	n/a
In-state	1,770	8,720	430	n/a	n/a	n/a
Out-of-state*	<u>1,120</u>	<u>9,230</u>	<u>330</u>	n/a	n/a	n/a
Total	4,650	28,650	1,260	197	43	183

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Rhode Island, 2007

The State of Rhode Island, home to 36 mining operations, provided direct employment to 260 people and another 1,870 people indirectly from mining activity occurring both in and outside the state for a total of 2,130 jobs statewide.

Jobs in the Rhode Island mining industry are high paying - 10 percent higher than the average wage in the state. The average annual wage in the mining industry in Rhode Island was \$46,000 in 2007. Total direct earnings from the State of Rhode Island's mining payroll were \$10 million. Including earnings from indirect economic activity from the mining industry in Rhode Island and elsewhere, a total of \$80 million was earned by workers in Rhode Island. Income and payroll taxes from Rhode Island payrolls, including federal, state and local, and FICA totaled nearly \$28 million.

Rhode Island mining operations created \$50 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Rhode Island and other states generated an additional \$250 million in output from suppliers and other industries in Rhode Island. In total, \$300 million in output was generated in Rhode Island by the mining industry.

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Mining in the State of Rhode Island generates 0.1 percent of the state's GDP.

Mining in Rhode Island, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	50	260	10	n/a	n/a	n/a
Indirect	250	1,870	70	n/a	n/a	n/a
In-state	30	210	10	n/a	n/a	n/a
Out-of-state*	<u>220</u>	<u>1,660</u>	<u>60</u>	n/a	n/a	n/a
Total	300	2,130	80	12	4	12
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	70	620	20	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>620</u>	<u>20</u>	n/a	n/a	n/a
Total	70	620	20	3	1	3
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	60	330	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>60</u>	<u>330</u>	<u>10</u>	n/a	n/a	n/a
Total	60	330	10	2	1	2
Nonmetallic Mineral Mining						
Direct	50	260	10	n/a	n/a	n/a
Indirect	120	920	40	n/a	n/a	n/a
In-state	30	210	10	n/a	n/a	n/a
Out-of-state*	<u>90</u>	<u>710</u>	<u>30</u>	n/a	n/a	n/a
Total	170	1,180	50	7	2	7

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in South Carolina, 2007

The State of South Carolina, home to 82 mining operations, provided direct employment to 2,550 people and another 10,020 people indirectly from mining activity occurring both in and outside the state for a total of 12,570 jobs statewide.

Jobs in the South Carolina mining industry are high paying - 33 percent higher than the average wage in the state. The average annual wage in the mining industry in South Carolina was \$47,000 in 2007. Total direct earnings from the State of South Carolina's mining payroll were \$120 million. Including earnings from indirect economic activity from the mining industry in South Carolina and elsewhere, a total of \$420 million was earned by workers in South Carolina. Income and payroll taxes from South Carolina payrolls, including federal, state and local, and FICA totaled nearly \$136 million.

South Carolina mining operations created \$570 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in South Carolina and other states generated an additional \$1,120 million in output from suppliers and other industries in South Carolina. In total, \$1,690 million in output was generated in South Carolina by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of South Carolina generates 0.2 percent of the state's GDP.

Mining in South Carolina, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	570	2,550	120	n/a	n/a	n/a
Indirect	1,120	10,020	300	n/a	n/a	n/a
In-state	370	3,510	120	n/a	n/a	n/a
Out-of-state*	<u>750</u>	<u>6,510</u>	<u>180</u>	n/a	n/a	n/a
Total	1,690	12,570	420	56	19	61
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	230	2,420	60	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>230</u>	<u>2,420</u>	<u>60</u>	n/a	n/a	n/a
Total	230	2,420	60	8	3	9
Metal Mining						
Direct	-	10	**	n/a	n/a	n/a
Indirect	210	1,310	40	n/a	n/a	n/a
In-state	-	10	-	n/a	n/a	n/a
Out-of-state*	<u>210</u>	<u>1,300</u>	<u>40</u>	n/a	n/a	n/a
Total	210	1,320	40	6	2	6
Nonmetallic Mineral Mining						
Direct	570	2,540	120	n/a	n/a	n/a
Indirect	670	6,290	200	n/a	n/a	n/a
In-state	370	3,500	120	n/a	n/a	n/a
Out-of-state*	<u>300</u>	<u>2,790</u>	<u>80</u>	n/a	n/a	n/a
Total	1,240	8,830	320	42	14	46

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in South Dakota, 2007

The State of South Dakota, home to 152 mining operations, provided direct employment to 1,700 people and another 2,570 people indirectly from mining activity occurring both in and outside the state for a total of 4,270 jobs statewide.

Jobs in the South Dakota mining industry are high paying - 39 percent higher than the average wage in the state. The average annual wage in the mining industry in South Dakota was \$44,000 in 2007. Total direct earnings from the State of South Dakota's mining payroll were \$70 million. Including earnings from indirect economic activity from the mining industry in South Dakota and elsewhere, a total of \$140 million was earned by workers in South Dakota. Income and payroll taxes from South Dakota payrolls, including federal, state and local, and FICA totaled nearly \$42 million.

South Dakota mining operations created \$230 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in South Dakota and other states generated an additional \$290 million in output from suppliers and other industries in South Dakota. In total, \$520 million in output was generated in South Dakota by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of South Dakota generates 0.3 percent of the state's GDP.

Mining in South Dakota, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	230	1,700	70	n/a	n/a	n/a
Indirect	290	2,570	70	n/a	n/a	n/a
In-state	120	1,320	30	n/a	n/a	n/a
Out-of-state*	<u>170</u>	<u>1,250</u>	<u>40</u>	n/a	n/a	n/a
Total	520	4,270	140	22	-	20
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	50	450	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>450</u>	<u>10</u>	n/a	n/a	n/a
Total	50	450	10	2	-	1
Metal Mining						
Direct	80	180	10	n/a	n/a	n/a
Indirect	80	650	20	n/a	n/a	n/a
In-state	40	400	10	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>250</u>	<u>10</u>	n/a	n/a	n/a
Total	160	830	30	5	-	4
Nonmetallic Mineral Mining						
Direct	160	1,520	60	n/a	n/a	n/a
Indirect	140	1,470	40	n/a	n/a	n/a
In-state	80	920	20	n/a	n/a	n/a
Out-of-state*	<u>60</u>	<u>550</u>	<u>20</u>	n/a	n/a	n/a
Total	300	2,990	100	15	-	15

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Tennessee, 2007

The State of Tennessee, home to 309 mining operations, provided direct employment to 5,980 people and another 15,660 people indirectly from mining activity occurring both in and outside the state for a total of 21,640 jobs statewide.

Jobs in the Tennessee mining industry are high paying - 38 percent higher than the average wage in the state. The average annual wage in the mining industry in Tennessee was \$54,000 in 2007. Total direct earnings from the State of Tennessee's mining payroll were \$330 million. Including earnings from indirect economic activity from the mining industry in Tennessee and elsewhere, a total of \$880 million was earned by workers in Tennessee. Income and payroll taxes from Tennessee payrolls, including federal, state and local, and FICA totaled nearly \$260 million.

Tennessee mining operations created \$930 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Tennessee and other states generated an additional \$1,960 million in output from suppliers and other industries in Tennessee. In total, \$2,890 million in output was generated in Tennessee by the mining industry.

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Mining in the State of Tennessee generates 0.3 percent of the state's GDP.

Mining in Tennessee, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	930	5,980	330	n/a	n/a	n/a
Indirect	1,960	15,660	550	n/a	n/a	n/a
In-state	710	6,240	230	n/a	n/a	n/a
Out-of-state*	<u>1,250</u>	<u>9,420</u>	<u>320</u>	n/a	n/a	n/a
Total	2,890	21,640	880	131	-	129
Coal Mining						
Direct	80	1,030	50	n/a	n/a	n/a
Indirect	460	5,100	170	n/a	n/a	n/a
In-state	70	1,690	60	n/a	n/a	n/a
Out-of-state*	<u>390</u>	<u>3,410</u>	<u>110</u>	n/a	n/a	n/a
Total	540	6,130	220	32	-	32
Metal Mining						
Direct	700	550	30	n/a	n/a	n/a
Indirect	880	4,280	200	n/a	n/a	n/a
In-state	540	2,390	130	n/a	n/a	n/a
Out-of-state*	<u>340</u>	<u>1,890</u>	<u>70</u>	n/a	n/a	n/a
Total	1,580	4,830	230	35	-	34
Nonmetallic Mineral Mining						
Direct	150	4,400	250	n/a	n/a	n/a
Indirect	610	6,280	180	n/a	n/a	n/a
In-state	110	2,160	40	n/a	n/a	n/a
Out-of-state*	<u>500</u>	<u>4,120</u>	<u>140</u>	n/a	n/a	n/a
Total	760	10,680	430	64	-	63

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Texas, 2007

The State of Texas, home to 770 mining operations, provided direct employment to 23,710 people and another 65,710 people indirectly from mining activity occurring both in and outside the state for a total of 89,420 jobs statewide.

Jobs in the Texas mining industry are high paying - 12 percent higher than the average wage in the state. The average annual wage in the mining industry in Texas was \$50,000 in 2007. Total direct earnings from the State of Texas' mining payroll were \$1,190 million. Including earnings from indirect economic activity from the mining industry in Texas and elsewhere, a total of \$3,560 million was earned by workers in Texas. Income and payroll taxes from Texas payrolls, including federal, state and local, and FICA totaled nearly \$1,093 million.

Texas mining operations created \$3,800 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Texas and other states generated an additional \$8,500 million in output from suppliers and other industries in Texas. In total, \$12,300 million in output was generated in Texas by the mining industry.

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Mining in the State of Texas generates 0.1 percent of the state's GDP.

Mining in Texas, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	3,800	23,710	1,190	n/a	n/a	n/a
Indirect	8,500	65,710	2,370	n/a	n/a	n/a
In-state	4,000	33,260	1,230	n/a	n/a	n/a
Out-of-state*	<u>4,500</u>	<u>32,450</u>	<u>1,140</u>	n/a	n/a	n/a
Total	12,300	89,420	3,560	576	-	517
Coal Mining						
Direct	850	4,430	320	n/a	n/a	n/a
Indirect	2,180	22,040	650	n/a	n/a	n/a
In-state	880	12,230	390	n/a	n/a	n/a
Out-of-state*	<u>1,300</u>	<u>9,810</u>	<u>260</u>	n/a	n/a	n/a
Total	3,030	26,470	970	157	-	141
Metal Mining						
Direct	1,150	2,410	130	n/a	n/a	n/a
Indirect	2,500	12,560	580	n/a	n/a	n/a
In-state	1,220	6,370	330	n/a	n/a	n/a
Out-of-state*	<u>1,280</u>	<u>6,190</u>	<u>250</u>	n/a	n/a	n/a
Total	3,650	14,970	710	115	-	103
Nonmetallic Mineral Mining						
Direct	1,800	16,870	740	n/a	n/a	n/a
Indirect	3,820	31,110	1,140	n/a	n/a	n/a
In-state	1,900	14,660	510	n/a	n/a	n/a
Out-of-state*	<u>1,920</u>	<u>16,450</u>	<u>630</u>	n/a	n/a	n/a
Total	5,620	47,980	1,880	304	-	273

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Utah, 2007

The State of Utah, home to 330 mining operations, provided direct employment to 9,920 people and another 34,120 people indirectly from mining activity occurring both in and outside the state for a total of 44,040 jobs statewide.

Jobs in the Utah mining industry are high paying - 57 percent higher than the average wage in the state. The average annual wage in the mining industry in Utah was \$58,000 in 2007. Total direct earnings from the State of Utah's mining payroll were \$580 million. Including earnings from indirect economic activity from the mining industry in Utah and elsewhere, a total of \$2,010 million was earned by workers in Utah. Income and payroll taxes from Utah payrolls, including federal, state and local, and FICA totaled nearly \$634 million.

Utah mining operations created \$4,590 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Utah and other states generated an additional \$4,600 million in output from suppliers and other industries in Utah. In total, \$9,190 million in output was generated in Utah by the mining industry.

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Mining in the State of Utah generates 1.3 percent of the state's GDP.

Mining in Utah, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	4,590	9,920	580	n/a	n/a	n/a
Indirect	4,600	34,120	1,430	n/a	n/a	n/a
In-state	4,160	30,450	1,310	n/a	n/a	n/a
Out-of-state*	<u>440</u>	<u>3,670</u>	<u>120</u>	n/a	n/a	n/a
Total	9,190	44,040	2,010	251	91	292
Coal Mining						
Direct	640	3,470	230	n/a	n/a	n/a
Indirect	730	10,380	360	n/a	n/a	n/a
In-state	590	9,150	320	n/a	n/a	n/a
Out-of-state*	<u>140</u>	<u>1,230</u>	<u>40</u>	n/a	n/a	n/a
Total	1,370	13,850	590	74	27	86
Metal Mining						
Direct	1,280	2,590	190	n/a	n/a	n/a
Indirect	1,310	8,230	390	n/a	n/a	n/a
In-state	1,190	7,520	360	n/a	n/a	n/a
Out-of-state*	<u>120</u>	<u>710</u>	<u>30</u>	n/a	n/a	n/a
Total	2,590	10,820	580	72	26	84
Nonmetallic Mineral Mining						
Direct	2,670	3,860	160	n/a	n/a	n/a
Indirect	2,560	15,510	680	n/a	n/a	n/a
In-state	2,380	13,780	630	n/a	n/a	n/a
Out-of-state*	<u>180</u>	<u>1,730</u>	<u>50</u>	n/a	n/a	n/a
Total	5,230	19,370	840	105	38	122

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Vermont, 2007

The State of Vermont, home to 182 mining operations, provided direct employment to 1,270 people and another 1,560 people indirectly from mining activity occurring both in and outside the state for a total of 2,830 jobs statewide.

Jobs in the Vermont mining industry are high paying - 30 percent higher than the average wage in the state. The average annual wage in the mining industry in Vermont was \$48,000 in 2007. Total direct earnings from the State of Vermont's mining payroll were \$60 million. Including earnings from indirect economic activity from the mining industry in Vermont and elsewhere, a total of \$110 million was earned by workers in Vermont. Income and payroll taxes from Vermont payrolls, including federal, state and local, and FICA totaled nearly \$33 million.

Vermont mining operations created \$100 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Vermont and other states generated an additional \$160 million in output from suppliers and other industries in Vermont. In total, \$260 million in output was generated in Vermont by the mining industry.

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Mining in the State of Vermont generates 0.7 percent of the state's GDP.

Mining in Vermont, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	100	1,270	60	n/a	n/a	n/a
Indirect	160	1,560	50	n/a	n/a	n/a
In-state	50	520	20	n/a	n/a	n/a
Out-of-state*	<u>110</u>	<u>1,040</u>	<u>30</u>	n/a	n/a	n/a
Total	260	2,830	110	15	3	15
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	40	400	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>400</u>	<u>10</u>	n/a	n/a	n/a
Total	40	400	10	1	-	1
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	30	200	10	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>30</u>	<u>200</u>	<u>10</u>	n/a	n/a	n/a
Total	30	200	10	1	-	1
Nonmetallic Mineral Mining						
Direct	100	1,270	60	n/a	n/a	n/a
Indirect	100	960	30	n/a	n/a	n/a
In-state	50	520	20	n/a	n/a	n/a
Out-of-state*	<u>50</u>	<u>440</u>	<u>10</u>	n/a	n/a	n/a
Total	200	2,230	90	13	3	13

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Virginia, 2007

The State of Virginia, home to 358 mining operations, provided direct employment to 14,510 people and another 34,860 people indirectly from mining activity occurring both in and outside the state for a total of 49,370 jobs statewide.

Jobs in the Virginia mining industry are high paying - 22 percent higher than the average wage in the state. The average annual wage in the mining industry in Virginia was \$56,000 in 2007. Total direct earnings from the State of Virginia's mining payroll were \$810 million. Including earnings from indirect economic activity from the mining industry in Virginia and elsewhere, a total of \$2,170 million was earned by workers in Virginia. Income and payroll taxes from Virginia payrolls, including federal, state and local, and FICA totaled nearly \$763 million.

Virginia mining operations created \$2,800 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Virginia and other states generated an additional \$4,290 million in output from suppliers and other industries in Virginia. In total, \$7,090 million in output was generated in Virginia by the mining industry.

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Mining in the State of Virginia generates 0.4 percent of the state's GDP.

Mining in Virginia, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	2,800	14,510	810	n/a	n/a	n/a
Indirect	4,290	34,860	1,360	n/a	n/a	n/a
In-state	2,610	22,730	920	n/a	n/a	n/a
Out-of-state*	<u>1,680</u>	<u>12,130</u>	<u>440</u>	n/a	n/a	n/a
Total	7,090	49,370	2,170	350	97	316
Coal Mining						
Direct	1,690	9,270	570	n/a	n/a	n/a
Indirect	2,220	22,390	860	n/a	n/a	n/a
In-state	1,690	18,060	710	n/a	n/a	n/a
Out-of-state*	<u>530</u>	<u>4,330</u>	<u>150</u>	n/a	n/a	n/a
Total	3,910	31,660	1,430	230	64	208
Metal Mining						
Direct	80	190	10	n/a	n/a	n/a
Indirect	540	2,670	120	n/a	n/a	n/a
In-state	70	310	20	n/a	n/a	n/a
Out-of-state*	<u>470</u>	<u>2,360</u>	<u>100</u>	n/a	n/a	n/a
Total	620	2,860	130	21	6	19
Nonmetallic Mineral Mining						
Direct	1,020	5,050	230	n/a	n/a	n/a
Indirect	1,540	9,800	380	n/a	n/a	n/a
In-state	850	4,360	190	n/a	n/a	n/a
Out-of-state*	<u>690</u>	<u>5,440</u>	<u>190</u>	n/a	n/a	n/a
Total	2,560	14,850	610	99	27	89

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Washington, 2007

The State of Washington, home to 350 mining operations, provided direct employment to 3,890 people and another 14,940 people indirectly from mining activity occurring both in and outside the state for a total of 18,830 jobs statewide.

Jobs in the Washington mining industry are high paying - 18 percent higher than the average wage in the state. The average annual wage in the mining industry in Washington was \$53,000 in 2007. Total direct earnings from the State of Washington's mining payroll were \$210 million. Including earnings from indirect economic activity from the mining industry in Washington and elsewhere, a total of \$760 million was earned by workers in Washington. Income and payroll taxes from Washington payrolls, including federal, state and local, and FICA totaled nearly \$243 million.

Washington mining operations created \$690 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Washington and other states generated an additional \$1,930 million in output from suppliers and other industries in Washington. In total, \$2,620 million in output was generated in Washington by the mining industry.

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Mining in the State of Washington generates 0.1 percent of the state's GDP.

Mining in Washington, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	690	3,890	210	n/a	n/a	n/a
Indirect	1,930	14,940	550	n/a	n/a	n/a
In-state	580	4,740	180	n/a	n/a	n/a
Out-of-state*	<u>1,350</u>	<u>10,200</u>	<u>370</u>	n/a	n/a	n/a
Total	2,620	18,830	760	131	-	112
Coal Mining						
Direct	-	100	10	n/a	n/a	n/a
Indirect	440	4,100	140	n/a	n/a	n/a
In-state	-	240	10	n/a	n/a	n/a
Out-of-state*	<u>440</u>	<u>3,860</u>	<u>130</u>	n/a	n/a	n/a
Total	440	4,200	150	26	-	22
Metal Mining						
Direct	490	390	30	n/a	n/a	n/a
Indirect	750	4,340	200	n/a	n/a	n/a
In-state	390	2,370	120	n/a	n/a	n/a
Out-of-state*	<u>360</u>	<u>1,970</u>	<u>80</u>	n/a	n/a	n/a
Total	1,240	4,730	230	40	-	34
Nonmetallic Mineral Mining						
Direct	200	3,400	170	n/a	n/a	n/a
Indirect	740	6,500	210	n/a	n/a	n/a
In-state	180	2,130	50	n/a	n/a	n/a
Out-of-state*	<u>560</u>	<u>4,370</u>	<u>160</u>	n/a	n/a	n/a
Total	940	9,900	380	65	-	56

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in West Virginia, 2007

The State of West Virginia, home to 463 mining operations, provided direct employment to 33,290 people and another 55,520 people indirectly from mining activity occurring both in and outside the state for a total of 88,810 jobs statewide.

Jobs in the West Virginia mining industry are high paying - 100 percent higher than the average wage in the state. The average annual wage in the mining industry in West Virginia was \$68,000 in 2007. Total direct earnings from the State of West Virginia's mining payroll were \$2,240 million. Including earnings from indirect economic activity from the mining industry in West Virginia and elsewhere, a total of \$4,450 million was earned by workers in West Virginia. Income and payroll taxes from West Virginia payrolls, including federal, state and local, and FICA totaled nearly \$1,336 million.

West Virginia mining operations created \$7,600 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in West Virginia and other states generated an additional \$7,240 million in output from suppliers and other industries in West Virginia. In total, \$14,840 million in output was generated in West Virginia by the mining industry.

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Mining in the State of West Virginia generates 5.9 percent of the state's GDP.

Mining in West Virginia, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	7,600	33,290	2,240	n/a	n/a	n/a
Indirect	7,240	55,520	2,210	n/a	n/a	n/a
In-state	7,020	52,610	2,140	n/a	n/a	n/a
Out-of-state*	<u>220</u>	<u>2,910</u>	<u>70</u>	n/a	n/a	n/a
Total	14,840	88,810	4,450	565	124	647
Coal Mining						
Direct	7,380	31,700	2,160	n/a	n/a	n/a
Indirect	6,910	52,850	2,130	n/a	n/a	n/a
In-state	6,840	52,280	2,120	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>570</u>	<u>10</u>	n/a	n/a	n/a
Total	14,290	84,550	4,290	546	119	624
Metal Mining						
Direct	10	30	**	n/a	n/a	n/a
Indirect	80	540	20	n/a	n/a	n/a
In-state	10	50	-	n/a	n/a	n/a
Out-of-state*	<u>70</u>	<u>490</u>	<u>20</u>	n/a	n/a	n/a
Total	90	570	20	2	1	3
Nonmetallic Mineral Mining						
Direct	200	1,560	80	n/a	n/a	n/a
Indirect	270	2,130	60	n/a	n/a	n/a
In-state	170	280	20	n/a	n/a	n/a
Out-of-state*	<u>100</u>	<u>1,850</u>	<u>40</u>	n/a	n/a	n/a
Total	470	3,690	140	17	4	20

* generated within the state from mining activity occurring outside the state.

** less than \$2 million

Totals may not sum due to independent rounding.

Mining in Wisconsin, 2007

The State of Wisconsin, home to 610 mining operations, provided direct employment to 4,490 people and another 13,920 people indirectly from mining activity occurring both in and outside the state for a total of 18,410 jobs statewide.

Jobs in the Wisconsin mining industry are high paying - 29 percent higher than the average wage in the state. The average annual wage in the mining industry in Wisconsin was \$49,000 in 2007. Total direct earnings from the State of Wisconsin's mining payroll were \$220 million. Including earnings from indirect economic activity from the mining industry in Wisconsin and elsewhere, a total of \$680 million was earned by workers in Wisconsin. Income and payroll taxes from Wisconsin payrolls, including federal, state and local, and FICA totaled nearly \$229 million.

Wisconsin mining operations created \$560 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Wisconsin and other states generated an additional \$1,650 million in output from suppliers and other industries in Wisconsin. In total, \$2,210 million in output was generated in Wisconsin by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Wisconsin generates 0.2 percent of the state's GDP.

Mining in Wisconsin, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	560	4,490	220	n/a	n/a	n/a
Indirect	1,650	13,920	460	n/a	n/a	n/a
In-state	360	4,170	120	n/a	n/a	n/a
Out-of-state*	<u>1,290</u>	<u>9,750</u>	<u>340</u>	n/a	n/a	n/a
Total	2,210	18,410	680	97	34	98
Coal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	400	3,580	120	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>400</u>	<u>3,580</u>	<u>120</u>	n/a	n/a	n/a
Total	400	3,580	120	17	6	17
Metal Mining						
Direct	-	-	-	n/a	n/a	n/a
Indirect	370	1,960	80	n/a	n/a	n/a
In-state	-	-	-	n/a	n/a	n/a
Out-of-state*	<u>370</u>	<u>1,960</u>	<u>80</u>	n/a	n/a	n/a
Total	370	1,960	80	11	4	11
Nonmetallic Mineral Mining						
Direct	560	4,490	220	n/a	n/a	n/a
Indirect	890	8,380	260	n/a	n/a	n/a
In-state	360	4,170	120	n/a	n/a	n/a
Out-of-state*	<u>530</u>	<u>4,210</u>	<u>140</u>	n/a	n/a	n/a
Total	1,450	12,870	480	69	24	70

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

Mining in Wyoming, 2007

The State of Wyoming, home to 202 mining operations, provided direct employment to 13,640 people and another 29,620 people indirectly from mining activity occurring both in and outside the state for a total of 43,260 jobs statewide.

Jobs in the Wyoming mining industry are high paying - 86 percent higher than the average wage in the state. The average annual wage in the mining industry in Wyoming was \$73,000 in 2007. Total direct earnings from the State of Wyoming's mining payroll were \$990 million. Including earnings from indirect economic activity from the mining industry in Wyoming and elsewhere, a total of \$2,230 million was earned by workers in Wyoming. Income and payroll taxes from Wyoming payrolls, including federal, state and local, and FICA totaled nearly \$732 million.

Wyoming mining operations created \$6,750 million worth of mineral, metal and fuel products. The economic activity indirectly generated by the mining industry in Wyoming and other states generated an additional \$5,610 million in output from suppliers and other industries in Wyoming. In total, \$12,360 million in output was generated in Wyoming by the mining industry.

American mining produces the critical raw materials necessary to the foundation of our economy. From the minerals and materials used in housing, automobiles and computers, to the mined coal and uranium that generates more than half our nation's electricity.

Mining in the State of Wyoming generates 8.1 percent of the state's GDP.

Mining in Wyoming, 2007

	Output (\$ million)	Employment	Payroll (\$ million)	Taxes on Personal Income		
				Federal (\$ million)	State & Local (\$ million)	FICA (\$ million)
Total Mining						
Direct	6,750	13,640	990	n/a	n/a	n/a
Indirect	5,610	29,620	1,240	n/a	n/a	n/a
In-state	5,520	25,930	1,090	n/a	n/a	n/a
Out-of-state*	<u>90</u>	<u>3,690</u>	<u>150</u>	n/a	n/a	n/a
Total	12,360	43,260	2,230	413	-	319
Coal Mining						
Direct	4,710	8,600	650	n/a	n/a	n/a
Indirect	3,870	21,150	850	n/a	n/a	n/a
In-state	3,850	20,800	830	n/a	n/a	n/a
Out-of-state*	<u>20</u>	<u>350</u>	<u>20</u>	n/a	n/a	n/a
Total	8,580	29,750	1,500	282	-	218
Metal Mining						
Direct	60	260	17	n/a	n/a	n/a
Indirect	70	550	23	n/a	n/a	n/a
In-state	50	370	10	n/a	n/a	n/a
Out-of-state*	<u>20</u>	<u>180</u>	<u>13</u>	n/a	n/a	n/a
Total	130	810	40	2	-	1
Nonmetallic Mineral Mining						
Direct	1,980	4,780	320	n/a	n/a	n/a
Indirect	1,670	7,920	370	n/a	n/a	n/a
In-state	1,630	4,760	250	n/a	n/a	n/a
Out-of-state*	<u>40</u>	<u>3,160</u>	<u>120</u>	n/a	n/a	n/a
Total	3,650	12,700	690	129	-	100

* generated within the state from mining activity occurring outside the state.

Totals may not sum due to independent rounding.

About Moore Economics

Martha Gilchrist Moore is an independent economist and president of Moore Economics, a Washington, D.C. area-based economics consultancy. Moore Economics provides analysis, surveys, and statistics to industry, government, and trade associations. Areas of expertise include policy analysis, analysis of industry benefits, energy, trade, distribution and cost/benefit analysis.

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