

# Mining Machinery and Mineral Processing Equipment

2000

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Reports

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NOTE: Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For

further information on NAICS, see [www.census.gov/epcd/www/naics.html](http://www.census.gov/epcd/www/naics.html).

## SUMMARY OF FINDINGS

In 2000, the manufacturers' value of shipments of selected types of mining machinery and related equipment totaled \$1.26 billion, a decrease of 5.8 percent from the 1999 figure of \$1.34 billion. The 2000 total included shipments of \$134.5 million of portable crushing, screening, washing, and combination plants which was an 18.2-percent decrease from the 1999 total of \$164.5 million. Underground mining machinery equipment totaled \$297.2 million in 2000, a 10.7-percent decrease from the 1999 total of \$333.0 million. In 2000, stationary, crushing, pulverizing, and screening machinery totaled \$308.9 million, a 4.6-percent decrease from the \$323.9 million reported in 1999. Drills and other mining machinery totaled \$133.0 million in 2000, a 14.7-percent decrease from the \$156.0 million reported in 1999. Portable drilling rigs totaled \$387.2 million in 2000, a 7.4-percent increase from the \$360.6 million reported in 1999.

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Larry Blumberg, 301-457-4744.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

U S C E N S U S B U R E A U

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Table 1. Manufacturers' Shipments of Mining and Mineral Processing Equipment by Type: 2000 and 1999  
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
	Mining and mineral processing equipment .....	(X)	(X)	1,260,838	(X)	1,337,892
33312081	Portable crushing, screening, washing, and combination plants.....	16	834	134,528	957	164,509
	Crushing plants (classification based upon the type of crusher first in the processing flow):					
3331208111	Gyratory.....	6	82	25,141	143	43,779
3331208112	Impact.....	9	76	18,864	74	14,495
3331208113	Jaw 1/.....	6	(D)	(D)	(D)	(D)
3331208114	Roll 1/.....	1	107	33,709	121	37,926
3331208116	Screening, washing, and other plants.....	11	569	56,814	619	68,309
33313110	Underground mining machinery (except parts sold separately).....	26	16,564	297,185	17,488	332,964
3331311001	Continuous mining machines, borer, ripper, auger and drum, including roadheading machines 2/.....	7	(D)	(D)	158	140,185
3331311006	Face haulage vehicles, rubber-tired, self-propelled .....	7	152	42,175	164	35,417
3331311011	Support vehicles, rubber-tired or track-mounted.....	16	c/ 369	a/ 26,581	352	23,378
3331311016	All other underground mining machinery, n.e.c. 2/.....	17	16,043	228,429	16,814	133,984
33313150	Crushing, pulverizing, and screening (except portable) machinery (except parts sold separately).....	36	5,118	308,944	r/ 4,604	323,871
	Crushers, stationary type, including skid-mounted:					
3331315001	Gyratory.....	4	202	55,358	192	55,724
3331315006	Impact.....	13	309	a/ 34,546	r/ 405	a/r/ 50,513
3331315011	Jaw.....	6	98	13,669	r/ 112	r/ 15,550
3331315016	Roll 3/.....	6	(D)	(D)	(D)	(D)
3331315021	Grinding mills and pulverizers 3/.....	4	205	51,351	241	67,779
	Screens, vibrating, stationary:					
3331315026	Horizontal.....	16	1,011	47,022	866	42,187
3331315031	Inclined.....	21	b/ 1,561	a/ 57,490	a/ 1,752	a/ 59,479
3331315036	Other, including trommell.....	7	49	7,423	38	2,747
3331315041	Other crushing, pulverizing, and screening machinery, n.e.c. ....	14	1,683	42,085	r/ 998	r/ 29,892
33313171	Drills and other mining machinery, n.e.c. (except parts) .....	25	16,274	132,957	r/ 24,206	r/ 155,953
	Drills and breakers (rotary and percussion):					
3331317102	Rock drills, air and hydraulic powered 4/.....	3	(D)	(D)	(D)	(D)
3331317106	Coal drills and core drills 4/.....	2	(D)	(D)	(D)	(D)
3331317111	Roof bolters 4/.....	5	11,208	65,261	r/ 10,727	r/ 68,349
3331317116	All other mining machinery and equipment (except parts sold separately) .....	20	b/ 5,066	a/ 67,696	c/r/ 13,479	b/ 87,604
3331327	Portable drilling rigs and parts .....	23	(X)	387,224	(X)	360,595
	Rotary, trailer- and truck-mounted with pull-back capacity:					
3331327116	Up to 14,999 lb 5/.....	4	(D)	(D)	(D)	(D)
3331327121	15,000 to 29,999 lb 5/.....	8	b/ 242	44,904	237	35,703
3331327126	30,000 to 59,999 lb 6/.....	5	(D)	(D)	104	35,139
3331327131	60,000 lb and over 6/.....	3	171	71,633	48	19,892
	Rotary blasthole drills, truck-, trailer-, or track-mounted:					
3331327136	Up through 59,999 lb 7/.....	4	(D)	(D)	(D)	(D)
3331327141	60,000 lb and over 7/.....	4	225	72,336	301	88,779

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Product code	Product description	No. of cos.	2000		1999	
			Quantity	Value	Quantity	Value
3331327146	Construction drills 8/.....	7	(D)	(D)	(D)	(D)
3331327151	Other portable drilling rigs, including workover (service) rigs 8/.....	4	680	80,779	930	r/ 68,675
3331327256	Parts for portable drilling rigs .....	17	(X)	117,572	(X)	112,407

D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified. r/Revised by 5 percent or more from previously published data. X Not applicable.

- 1/Product codes 3331208113 and 3331208114 are combined to avoid disclosing data for individual companies.
- 2/Product codes 3331311001 and 3331311016 are combined for 2000 to avoid disclosing data for individual companies.
- 3/Product codes 3331315016 and 3331315021 are combined to avoid disclosing data for individual companies.
- 4/Product codes 3331317102, 3331317106, and 3331317111 are combined to avoid disclosing data for individual companies.
- 5/Product codes 3331327116 and 3331327121 are combined to avoid disclosing data for individual companies.
- 6/Product codes 3331327126 and 3331327131 are combined for 2000 to avoid disclosing data for individual companies.
- 7/Product codes 3331327136 and 3331327141 are combined to avoid disclosing data for individual companies.
- 8/Product codes 3331327146 and 3331327151 are combined to avoid disclosing data for individual companies.

Note: Percent of estimation of each item is indicated as follows: a/15 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

**Table 2. Shipments, Exports, and Imports of Selected Mining Machinery and Mineral Processing Equipment: 2000 and 1999**

[Value in thousands of dollars]

Product description	Manu- factures' shipments (value f.o.b. plant)	Exports of domestic merchan- dise 1/2/ (value) at port)	Value of imports for consump- tion 1/3/4/
2000			
Portable crushing plants and stationary grinding machines.....	(D)	63,695	92,681
Sorting, screening, separating or washing machines.....	210,834	67,558	93,098
Rock breaking machines, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools.....	(D)	153,017	203,760
Mine wagon pushers, locomotive or wagon traversers, wagon tippers, and similar railway wagon handling equipment.....	68,756	4,868	1,463
Stationary crushing machines.....	(D)	28,674	48,001
1999			
Portable crushing plants and stationary grinding machines.....	(D)	64,672	59,961
Sorting, screening, separating or washing machines.....	202,614	52,848	91,750
Rock breaking machines, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools.....	208,534	139,378	207,771
Mine wagon pushers, locomotive or wagon traversers, wagon tippers, and similar railway wagon handling equipment.....	58,795	4,030	1,149
Stationary crushing machines.....	(D)	17,150	58,454

D Withheld to avoid disclosing data for individual companies.

1/For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export numbers, and import numbers, see Table 3.

2/Source: Census Bureau report FT 446, U.S. Exports.

3/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

4/This dollar value represents the c.i.f. (cost, insurance, and freight) value at first port of entry in the United States plus U.S. import duties.

**Table 3. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 2000**

<b>Product code</b>	<b>Product description</b>	<b>Export number 1/</b>	<b>Import number 2/</b>
3331208111, 112, 113, 114, 3331315021	Portable crushing plants and stationary grinding machines	8474.20.0010 8474.20.0070	8474.20.0010 8474.20.0070
3331208116, 3331315026, 031, 036, 041	Sorting, screening, separating, or washing machines	8474.10.0010 8474.10.0090	8474.10.0010 8474.10.0090
3331311001, 3331317102, 106, 111	Rock breaking machinery, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools	8430.31.0000 8430.39.0000 8430.50.0000 8430.69.0000 8207.13.0000 8207.19.1030 8207.19.2030 8207.19.5030	8430.31.0040 8430.31.0080 8430.39.0040 8430.39.0080 8430.50.1000 8430.50.5000 8430.69.0000 8207.13.0000 8207.19.3030 8207.19.3060 8207.19.3090 8207.19.6030 8207.19.6060 8207.19.6090
3331311006, 011	Mine wagon pushers, locomotive or wagon tracers, wagon tippers, and similar railway wagon handling equipment	8428.50.0000	8428.50.0000
3331315001, 006, 011, 016	Stationary crushing machines	8474.20.0050	8474.20.0050

1/Source: 2000 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (2000).