

Mining Machinery and Mineral Processing Equipment

1998

Issued January 2000

MA333F(98)-1

(Formerly Series No. MA35F)

Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

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.

SUMMARY OF FINDINGS. In 1998, the manufacturers' value of shipments of selected types of mining machinery and related equipment totaled \$1.9 billion, a decrease of 9.5 percent from the 1997 figure of \$2.1 billion. The 1998 total included shipments of \$145.6 million of portable crushing, screening, washing, and combination plants which was a 3.5-percent decrease from the 1997 total of \$150.9 million. Underground mining machinery equipment totaled \$444.2 million in 1998, a 34.7-percent decrease from the 1997 total of \$680.4 million. In 1998, stationary, crushing, pulverizing, and screening machinery totaled \$363.5 million, a 12.6-percent decrease from the \$416.1 million reported in 1997. Drills and other mining machinery totaled \$420.0 million in 1998, a 47.3-percent increase from the \$285.2 million reported in 1997. Portable drilling rigs totaled \$482.3 million in 1998, a 7.1-percent decrease from the \$518.9 million reported in 1997.

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.

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Table 1. Manufacturers' Shipments of Mining Machinery and Mineral Processing Equipment by Type: 1998 and 1997
[Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1998		1997	
			Quantity	Value	Quantity	Value
	Mining and mineral processing equipment.....	(X)	(X)	1,855,671	(X)	2,051,458
33312081	Portable crushing, screening, washing, and combination plants.....	17	941	145,581 r/	1,256 r/	150,854
	Crushing plants (classification based upon the type of crusher first in the processing flow):					
3331208111	Gyratory.....	8 a/	139	40,601	130	35,164
3331208112	Impact.....	8 a/	65 a/	12,585	58	10,964
3331208113	Jaw 1/.....	9	(D)	(D)	(D)	(D)
3331208114	Roll 1/.....	1 a/	127	30,342	90	24,781
3331208116	Screening, washing, and other plants.....	14	610	62,053 r/	978 r/	79,945
33313110	Underground mining machinery (except parts sold separately).....	26	16,902	444,245	16,763	680,430
3331311001	Continuous mining machines, borer, ripper, auger and drum, including roadheading machines 2/.....	8 b/	220 b/	193,956	(D)	(D)
3331311006	Face haulage vehicles, rubber-tired, self-propelled 2/.....	8 a/	177	63,142 a/	488 a/r/	306,710
3331311011	Support vehicles, rubber-tired or track-mounted.....	14	363	23,325	336	21,150
3331311016	All other underground mining machinery, n.e.c.	18	16,142	163,822	15,939 r/	352,570
33313150	Crushing, pulverizing, and screening (except portable) machinery (except parts sold separately).....	37	4,512	363,535	4,123	416,074
	Crushers, stationary type, including skid-mounted:					
3331315001	Gyratory.....	6 c/	283 c/	92,538 a/	261 a/	82,855
3331315006	Impact.....	14	402	45,147	389 r/	49,015
3331315011	Jaw.....	7 a/	122	18,379 a/	111	15,152
3331315016	Roll 3/.....	8	(D)	(D)	(D)	(D)
3331315021	Grinding mills and pulverizers 3/.....	6	264	74,054 r/	260 r/	152,354
	Screens, vibrating, stationary:					
3331315026	Horizontal.....	15 b/	1,036 a/	47,696 a/	939 a/	39,042
3331315031	Inclined.....	17 a/	1,817 a/	54,845 a/	1,743 a/	56,740
3331315036	Other, including trommell.....	8 a/	40 b/	3,171 a/	139	6,878
3331315041	Other crushing, pulverizing, and screening machinery, n.e.c.	11	548	27,705	281	14,038
33313171	Drills and other mining machinery, n.e.c. (except parts).....	27	12,601,726	420,011 r/	13,562,410 r/	285,180
	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	10,895,938	98,018	10,741,325 r/	96,235
3331317116	All other mining machinery and equipment (except parts sold separately).....	25	1,705,788	321,993 r/	2,821,085 r/	188,945
3331327	Portable drilling rigs and parts.....	28	2,631,443	482,299 r/	3,341,598 r/	518,920
	Rotary, trailer- and truck-mounted with pull-back capacity:					
3331327116	Up to 14,999 lb.....	5	85	4,600	78	7,024
3331327121	15,000 to 29,999 lb.....	10	166	32,894	122	25,868
3331327126	30,000 to 59,999 lb.....	7	80	31,123	75	24,829
3331327131	60,000 lb and over.....	3	16	9,345	71	35,270
	Rotary blasthole drills, truck-, trailer-, or track-mounted:					
3331327136	Up through 59,999 lb 5/.....	6	436	98,210	(D)	(D)
3331327141	60,000 lb and over 5/.....	4	42	51,219	525	178,627
3331327146	Construction drills.....	9	157	27,174	135	18,869

Continued

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Product code	Product description	No. of cos.	1998		1997	
			Quantity	Value	Quantity	Value
3331327151	Other portable drilling rigs, including workover (service) rigs 6/.....	5	(D)	(D)	(D)	(D)
3331327256	Parts for portable drilling rigs 6/.....	21	2,630,461	227,734 r/	3,340,592	228,433

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 individual company data.
- 2/Product codes 3331311001 and 3331311006 are combined for 1997 to avoid disclosing individual company data.
- 3/Product codes 3331315016 and 3331315021 are combined to avoid disclosing individual company data.
- 4/Product codes 3331317102, 3331317106, and 3331317111 are combined to avoid disclosing individual company data.
- 5/Product codes 3331327136 and 3331327141 are combined for 1997 to avoid disclosing individual company data.
- 6/Product codes 3331327151 and 3331327256 are combined to avoid disclosing individual company data.

Note: The 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: 1998 and 1997
[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/
1998			
Portable crushing plants and stationary grinding machines.....	96,883	71,482	63,433
Sorting, screening, separating or washing machines.....	195,470	76,325	93,224
Rock breaking machines, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools.....	291,974	119,127	230,167
Mine wagon pushers, locomotive or wagon traversers, wagon tippers, and similar railway wagon handling equipment.....	86,467	17,372	1,003
Stationary crushing machines.....	163,577	24,984	41,326
1997			
Portable crushing plants and stationary grinding machines.....	171,851	82,391	45,728
Sorting, screening, separating or washing machines.....	196,643	80,676	89,895
Rock breaking machines, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools.....	332,092	121,213	206,662
Mine wagon pushers, locomotive or wagon traversers, wagon tippers, and similar railway wagon handling equipment.....	92,003	9,086	981
Stationary crushing machines.....	152,306	34,586	36,579

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: 1998

Product code	Product description	Export number 1/	Import number 2/
3331208111	Portable crushing plants and stationary grinding machines	8474.20.0010	8474.20.0010
3331208112		8474.20.0070	8474.20.0070
3331208113			
3331208114			
3331315021			
3331208116	Sorting, screening, separating, or washing machines	8474.10.0010	8474.10.0010
3331315026		8474.10.0090	8474.10.0090
3331315031			
3331315036			
3331315041			
3331311001	Rock breaking machinery, coal or rock cutters, tunneling machinery, and rock drilling and earth boring tools	8430.31.0000	8430.31.0040
3331317102		8430.39.0000	8430.31.0080
3331317106		8430.50.0000	8430.39.0040
3331317111		8430.69.0000	8430.39.0080
		8207.13.0000	8430.50.1000
		8207.19.1030	8430.50.5000
		8207.19.2030	8430.69.0000
		8207.19.5030	8207.13.0000
			8207.19.3030
			8207.19.3060
			8207.19.3090
			8207.19.6030
			8207.19.6060
			8207.19.6090
3331311006	Mine wagon pushers, locomotive or wagon traversers, wagon tippers, and similar railway wagon handling equipment	8428.50.0000	8428.50.0000
3331311011			
3331315001	Stationary crushing machines	8474.20.0050	8474.20.0050
3331315006			
3331315011			
3331315016			

1/Source: 1998 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 (1998).