

(Formerly Series No. MA35D)

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

For 1999, value of shipments of the types of construction machinery included in this report, except motor graders and light maintainers, scraper bowls, construction machinery for mounting on trucks, tractors, etc., and winches and other materials-handling equipment for

mounting, decreased 5 percent to \$15,441.4 million from \$16,337.3 million a year ago.

Power cranes, draglines, and excavators, including surface mining equipment, and attachments for 1999 were \$3,172.2 million, down 4 percent from the previous year's total of \$3,289.2 million.

Value of shipments of mixers, pavers, and related equipment increased from \$1,480.3 million to \$1,624.1 million in 1999, an increase of 10 percent. Off-highway trucks, truck-type tractor chassis, trailers, coal haulers, or wagons decreased by 41 percent in value of shipments to \$834.6 million in 1999 from \$1,425.6 in 1998.

Tractor shovel loaders decreased from \$4,235.9 million in 1998 to \$4,144.6 million in 1999, a decrease of 2 percent. Crawler tractors, contractors' off-highway wheel tractors, dozers, and self-propelled wheeled log skidders decreased by 29 percent from \$1,985.6 million to \$1,401.2 million in 1999. Rollers and compactors decreased from \$652.4 million in 1998 to \$590.2 million in 1999 for a total of 10 percent.

Rough terrain forklifts (integral units only) decreased by 4 percent to \$641.5 million in 1999 from \$668.1 million for the prior year. Ditchers and trenchers, self-propelled (integral units only) increased from \$266.7 million in 1998 by 12 percent to \$297.6 million for 1999. Construction machinery for mounting on trucks, tractors, and other prime movers, except winches, hoists, and other materials-handling equipment moved to \$243.6 million in 1999 from \$278.3 million in 1998, a 12-percent decrease. Aerial work platforms increased by 21 percent from \$2,055.2 in 1998 to \$2,491.8 in 1999.

Address inquiries concerning these data to Investment Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Keeley Voor, 301-457-4746.

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. Value of Shipments of Selected Construction Machinery: 1990 to 1999
[Millions of dollars]

Product description	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Power cranes, draglines, and excavators, including surface mining equipment, and attachments.....	3,172.2	3,289.2	2,927.4	2,740.3	2,561.4	2,252.5	1,719.4	1,582.3	1,239.1	1,511.8
Mixers, pavers, and related equipment.....	1,624.1	1,480.3	1,283.8	1,145.8	1,168.8	1,079.8	877.1	635.8	509.6	609.6
Off-highway trucks, truck-type tractor chassis, trailers, coal haulers, wagons.....	834.6	1,425.6	1,596.3	1,632.6	1,326.9	961.9	876.1	706.9	822.9	957.7
Tractor shovel loaders.....	4,144.6	4,235.9	3,912.5	3,340.1	3,041.8	2,632.6	2,354.4	1,833.1	1,855.5	2,235.9
Crawler tractors, contractors' off-highway type wheel tractors, dozers, and self-propelled wheeled log skidders.....	1,401.2	1,985.6	1,720.3	1,697.2	1,597.4	(D)	(D)	1,099.5	1,242.9	1,453.1
Motor graders and light maintainers.....	(D)	(D)	(D)	588.4	479.9	445.2	(D)	(D)	355.8	408.0
Rollers and compactors.....	590.2	652.4	647.4	517.6	(S)	361.3	303.2	240.5	186.0	267.2
Rough-terrain forklifts.....	641.5	668.1	499.5	412.3	355.4	270.9	201.9	177.5	167.9	209.3
Scraper bowls.....	343.4	(D)	237.5	121.5	142.2	124.9	(D)	(D)	99.1	181.6
Self-propelled ditchers and trenchers (integral units).....	297.6	266.7	238.7	209.1	193.5	174.0	143.6	124.1	112.2	129.7
Construction machinery for mounting on trucks, tractors, etc.	(X)	(X)	(X)	(X)	(X)	286.6	249.8	256.1	214.6	258.6
Construction machinery (except winches and other materials-handling equipment) for mounting on trucks, tractors, etc.	243.6	278.3	258.6	214.5	(D)	(X)	(X)	(X)	(X)	(X)
Winches and other materials-handling equipment, for mounting.....	(D)	(D)	(D)	(D)	(D)	(X)	(X)	(X)	(X)	(X)
Aerial work platforms.....	2,491.8	2,055.2	(D)	(D)	1,131.1	844.9	637.4	590.3	568.9	814.9

D Withheld to avoid disclosing data for individual companies. X Not applicable

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1999 and 1998
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1999		1998	
			Quantity	Value	Quantity	Value
33312011	Power cranes, draglines, and excavators, including surface mining equipment, and attachments	(X)	152,482	3,172,179	172,120	3,289,176
	Excavators, hydraulic-operated:					
	Crawler mounted, rated size in metric tons:					
3331201111	Not more than 24 metric tons.....	6	10,783	611,085	12,240	755,662
	More than 24 but not more than					
3331201114	40 metric tons.....	6	5,770	554,582	4,373	773,545
3331201117	More than 40 metric tons.....	6 b/	1,029	394,289	902	243,474
3331201129	Wheel (rubber) mounted, all sizes.....	3	(D)	(D)	(D)	(D)
	Cranes, lattice boom:					
	Crawler mounted, maximum working load;					
3331201132	Not more than 110 metric tons.....	1	(D)	(D)	(D)	(D)
3331201134	More than 110 metric tons.....	2	(D)	(D)	(D)	(D)
3331201145	Wheel (rubber) mounted.....	4	50	48,261	(D)	(D)
	Cranes, hydraulic operated, telescopic boom:					
	Wheel cranes (integral), multiple control stations (rubber mounted), maximum working load of:					
3331201152	Not more than 18 metric tons.....	5	(D)	(D)	(D)	(D)
3331201154	More than 18 but not more than					
	27 metric tons.....	2	(D)	(D)	(D)	(D)
3331201156	More than 27 but not more than					
	50 metric tons.....	4 c/	320 b/	82,691	365	94,032
3331201158	More than 50 metric tons.....	4	(D)	(D)	(D)	(D)
3331201167	Pinned on type, telescopic and articulated.....	6 c/	2,447 c/	128,486	2,723	143,330
	Wheel cranes, one control station (self-propelled, rubber mounted), maximum working load of:					
3331201171	Not more than 16 metric tons.....	8 b/	1,046	54,467	1,258	80,002
3331201174	More than 16 metric tons but not more					
	than 22.7 metric tons.....	5	112	17,507	55	10,631
3331201177	More than 22.7 metric tons.....	4 c/	1,417 b/	315,665	1,492	373,485
	All-terrain cranes, maximum working loads of:					
3331201182	Not more than 20 metric tons.....	2	(D)	(D)	(D)	(D)
3331201184	More than 20 metric tons but not more					
	than 35 metric tons.....	-				
3331201186	More than 35 metric tons but not more					
	than 110 metric tons.....	1	(D)	(D)	(D)	(D)
3331201188	More than 110 metric tons.....	-				
	Other cranes and excavators:					
3331201194	Pedestal or shipmounted marine cranes.....	5 b/	95 c/	29,888 r/	121 r/	35,401
3331201199	All other cranes, excavators, and draglines, n.e.c.	8	(D)	(D)	(D)	(D)
3331201100	Cranes, excavators, and draglines, n.e.c.	(X)	(X)	(X)	(X)	(X)
	Attachments for power cranes, draglines, and excavators, sold separately:					
33312011A4	Hoe.....	6 c/	19,167 b/	43,036	19,178	42,344
33312011A5	Dragline buckets, all sizes.....	7	(D)	(D) r/	160	12,358
33312011A7	Clamshell/grapple.....	10 a/	920 b/	17,109	794	15,131
33312011AA	All other attachments, n.e.c.	22	104,696 a/	113,835 r/	125,069 r/	65,728

Continued

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1999 and 1998
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1999		1998		
			Quantity	Value	Quantity	Value	
33312012	Mixers, pavers, and related equipment.....	(X)	94,881	1,624,078	r/	89,534	1,480,300
	For concrete, plaster, or mortar applications:						
3331201222	Concrete mixers (except plaster and mortar), portable, including truck or other mixer or agitator, all sizes.....	16 c/	10,428 c/	414,589		9,109	363,318
3331201231	Plaster and mortar mixers, all sizes.....	7	17,233	32,677		14,114	27,349
3331201233	Slipform concrete paving machines, including multipurpose, automated curb and gutter and concrete slipform pavers, up to and including 34 feet wide.....	11 b/	565	81,599		558	74,709
3331201239	Concrete trowels.....	7	16,675	36,332		15,988	29,602
3331201241	Concrete vibrators (electric motor, gasoline engine, structural high-cycle, pneumatic, etc.).....	11	37,137	40,140	r/	37,370 r/	55,411
3331201244	Concrete screeds (hand-propelled or winch type)	7	2,378	5,185		2,447	5,079
3331201247	Concrete batching plants, bin and batch, for concrete aggregate only and bulk cement.....	12	670 b/	77,759 r/		566 r/	70,683
3331201251	Concrete pumps, mobile.....	4	(D)	(D)		(D)	(D)
3331201256	Other concrete, plaster, and mortar mixing and paving machinery.....	7 c/	1,004 c/	21,368		953	21,155
	For asphalt or bituminous applications:						
3331201266	Bituminous distributors.....	7 a/	710	26,147		664	23,245
3331201271	Bituminous pavers, self-propelled: 21,999 lb gross weight and under (basic unit).....	6 c/	1,101 c/	51,971		1,110	53,413
3331201275	22,000 lb gross weight and over (basic unit).....	3 a/	942 a/	181,809		807	155,261
	Asphalt plants, including cold mix central plants:						
3331201282	Less than 7,500 lb (239 tph).....	3	(D)	(D)		(D)	(D)
3331201284	7,500 lb and over (240 tph and over).....	4 b/	147 b/	257,183		148	239,797
3331201286	Bituminous stabilization mixing equipment, including central mixing plants and mix-in-place.....	5	175	59,275	r/	155 r/	47,037
3331201289	Bituminous cold planers/milling machines (self-propelled).....	3	(D)	(D)		(D)	(D)
3331201291	Other asphalt and bituminous mixing and paving machinery.....	7 c/	914	13,404		975	16,766
3331201295	Other products, for use in either concrete or bituminous applications.....	11 c/	3,195	54,418		3,125	63,525
33312013	Off-highway trucks, truck-type tractor chassis, trailers, coal haulers, or wagons	(X)	6,435	834,579		6,822	1,425,597
3331201371	Off-highway rear dump haulers.....	11	(D)	(D)		(D)	(D)
3331201376	Other	7	(D)	(D)		(D)	(D)
33312014	Tractor shovel loaders.....	(X)	123,647	4,144,605	r/	118,826 r/	4,235,871
3331201460	Skid steer loaders, 4-wheel drive skid steer, all sizes.....	8 b/	73,374 a/	1,185,921		65,728	1,024,943
	Wheel loaders, rear engine mount, integral design, 4-wheel drive, nonskid steer:						

Continued

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Product code	Product description	No. of cos.	1999		1998	
			Quantity	Value	Quantity	Value
3331201471	Under 79 nehps.....	3	(D)	(D)	(D)	(D)
3331201475	80 through 149 nehps.....	8 b/	6,986 a/	573,688 r/	7,519 r/	623,327
3331201479	150 through 249 nehps.....	6	3,721	492,622	4,096	561,841
3331201479	250 nehps and over.....	6	2,358	708,169	2,486	834,806
3331201483	Crawler loaders.....	2	(D)	(D)	(D)	(D)
3331201488	Integral design tractor shovel loader/backhoes (wheel tractor chassis shipped as part of front engine mount contractor tractor).....	6 c/	36,405 b/	1,116,739 r/	37,909 r/	1,112,495
33312015	Crawler tractors, contractors' off-highway-type wheel tractors, dozers, and self-propelled wheeled log skidders.....	(X)	9,973	1,401,169	13,109	1,985,555
3331201577	Wheeled log skidders, self-propelled.....	9	1,536	202,357	2,323	288,790
3331201599	Crawler tractors (except crawler loaders) and tracklaying and other contractors' off-highway-type wheel tractors and dozers.....	11	8,437	1,198,812	10,786	1,696,765
33312016 pt.	Motor graders and light maintainers.....	(X)	(D)	(D)	(D)	(D)
3331201661	Under 144 nehps.....	7	(D)	(D)	(D)	(D)
3331201667	145 nehps and over.....	5	(D)	(D)	(D)	(D)
33312016 pt.	Rollers and compactors.....	(X)	58,501	590,164	56,162 r/	652,399
3331201671	Static smooth steel wheel rollers, tandem: Under 3 metric tons.....	5	974	11,870	1,145	12,332
3331201673	At least 3 but less than 5.5 metric tons.....	2	(D)	(D)	(D)	(D)
3331201676	5.5 metric tons and over.....	3	(D)	(D)	(D)	(D)
3331201682	Pneumatic tire rollers.....	7 a/	626	28,123	583	26,181
3331201687	Vibratory single drum with one or two drive wheels: Under 5 metric tons.....	7	1,038	27,672	1,098	31,715
3331201689	At least 5 but less than 8 metric tons.....	3	(D)	(D)	1,065 r/	68,410
3331201692	8 metric tons and over.....	4	(D)	(D)	1,820	143,467
3331201696	Vibratory double drum, two drums vibrating: Under 5 metric tons.....	6	(D)	(D)	(D)	(D)
3331201699	At least 5 but less than 8 metric tons.....	2	(D)	(D)	(D)	(D)
33312016A2	8 metric tons and over.....	3	1,049	87,225	962	76,766
33312016A6	All other compaction equipment (except handheld); including embankment and landfill compactors, towed roller and double drum compactors with one drum vibrating.....	7	(D)	(D)	(D)	(D)
33312016 pt.	Rough terrain forklifts (integral units only).....	(X)	10,049	641,456	10,776	668,082
33312016D1	Vertical mast, 2-wheel drive.....	10 b/	2,412 c/	152,219	3,102	192,564
33312016D3	Vertical mast, 4-wheel drive.....	7	610	20,296	522	16,679
33312016D5	Telescopic handlers, 2- and 4-wheel drive.....	6 b/	7,027 b/	468,941	7,152	458,839
33312016E5	Scraper bowls.....	4	2,719	343,387	(D)	(D)
33312016 pt.	Ditchers and trenchers, self-propelled (integral units only).....	(X)	12,018	297,607	10,946	266,718
33312016J3	Ladder-type digging element: Under 2,000 lb gross weight.....	6	(D)	(D)	(D)	(D)
33312016J5	2,000 to 4,999 lb gross weight.....	4	2,493	49,535	2,426	46,939

Continued

Table 2. Quantity and Value of Shipments of Selected Construction Machinery: 1999 and 1998
 [Quantity in number of units. Value in thousands of dollars]

Product code	Product description	No. of cos.	1999		1998	
			Quantity	Value	Quantity	Value
33312016J7	5,000 lb gross weight and over.....	4 b/	4,149 b/	195,042	3,686	178,005
33312016JJ	Wheel-type digging element.....	3	(D)	(D)	(D)	(D)
33312017	Construction machinery for mounting on trucks, tractors, and other prime movers (except winches, hoists, and other materials-handling equipment).....	(X)	55,594	243,554	59,573	278,301
3331201782	Backhoes, either shipped for mounting separately or already mounted on an integral unit	9	18,328	109,238	17,104	121,802
3331201799	All other, including sidebooms, pipehandlers, dozers, front-end loaders, shovel loaders, logging arches, rippers, rooters, continuous ditching and trenching attachments, forklift attachments, cranes, cable power control units, hydraulic power control units, etc.	27 b/	37,266	134,316	42,469	156,499
33392372 pt.	Winches and materials-handling equipment for mounting.....	(X)	(D)	(D)	(D)	(D)
3339237231	Winches (towing, logging, and oil field types).....	7	(D)	(D)	(D)	(D)
3339237239	Other equipment.....	3	(D)	(D)	(D)	(D)
33392372 pt.	Aerial work platforms.....	(X)	109,471	2,491,764	93,585	2,055,215
3339237211	Boom type, self-propelled.....	8	39,339	1,465,101	29,547	1,136,994
3339237213	Scissors type, self-propelled.....	8	31,278	462,825	29,195	433,984
3339237215	Not self-propelled, boom and scissors type.....	5	(D)	(D)	(D)	(D)
3339237217	Truck mounted.....	12	(D)	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. n.e.c. Not elsewhere classified.
 neh Net engine horsepower. pt. Part. r/Revised by 5 percent or more from previously published data. tph Tons per hour. X Not applicable.

Note: Percent of estimation of each item is indicated as follows: a/10 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 3. Shipments, Exports, and Imports of Selected Construction Machinery: 1999 and 1998
 [Quantity in number of units. Value in thousands of dollars]

Product description	Manufacturers' shipments 1/		Export shipments 3/		Imports for consumption 4/	
	Quantity	Value 2/	Quantity	Value as reported	Quantity	Value 5/
1999						
Wheel tractors, contractors' off-highway type, 2- and 4- wheel for use on natural terrain	(D)	(D)	4,272	88,768	3,529	31,329
Rubber-tired dozers	(D)	(D)	263	10,890	156	9,405
Wheeled log skidders, self-propelled.....	1,536	202,357	732	47,314	532	55,407
Crawler tractors (except crawler loaders).....	(D)	(D)	965	213,827	3,882	253,949
Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer.....	(D)	(D)	14,939	537,683	8,478	507,455
Skid steer loaders.....	73,374	1,185,921	1,295	56,595	2,122	106,225
Crawler loaders	(D)	(D)	242	7,546	1,992	210,741
Excavators, hydraulic operated, crawler mounted	17,582	1,559,956	2,603	239,673	14,533	985,762
Excavators, hydraulic operated, wheel (rubber) mounted	(D)	(D)	75	10,414	1,364	110,991
Cranes, lattice boom, wheel (rubber) mounted.....	50	48,261	411	40,324	221	60,433
Cranes, wheel (integral), hydraulic operated, telescopic boom, multiple control stations (rubber mounted), including pinned on type, telescopic and articulated	(D)	(D)	343	49,164	323	113,331
Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber mounted)	2,575	387,639	1,394	108,746	215	31,043
Cranes, pedestal or shipmounted.....	95	29,888	1,013	13,005	196	13,028
Cranes, other	(D)	(D)	598	119,391	619	107,553
Clamshell/grapple (attachments).....	920	17,109	1,966	3,393	3,022	6,822
Dragline buckets (attachments).....	(D)	(D)	-	-	2,080	3,618
Concrete mixers	28,331	525,025	1,801	11,987	55,803	43,845
Concrete pavers, finishers, and spreaders.....	56,755	163,256	1,032	30,911	450	1,410
Concrete pumps.....	(D)	(D)	1,599	19,156	29,885	64,010
Bituminous pavers, finishers, and spreaders.....	(D)	(D)	418	30,648	129	509
Asphalt plants and bituminous stabilization mixing equipment	322	316,458	641	24,705	186	1,088
Scraper bowls	2,719	343,387	41	385	11,567	19,618
Motor graders and light maintainers.....	(D)	(D)	1,486	145,380	780	78,413
Self-propelled vibratory compaction equipment.....	(D)	(D)	1,981	52,362	4,738	160,785
Self-propelled static compaction equipment.....	(D)	(D)	745	28,640	871	24,003
Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated.....	(D)	(D)	2,350	526,505	1,656	299,980
Off-highway trucks, truck-type tractor chassis, trailers, and wagons	(D)	(D)	1,257	120,082	865	106,162
Winches for mounting (towing, logging, and oil field types)	(D)	(D)	316,240	64,453	2,880,786	78,947
Backhoes for mounting.....	18,328	109,238	7,703	23,654	5,960	2,030
Other construction machinery for mounting.....	(D)	(D)	15,248	51,513	57,812	101,830
Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element.....	(D)	(D)	1,073	16,175	1	9
Self-propelled continuous ditchers and trenchers integral units), wheel-type digging element.....	(D)	(D)	362	15,590	607	2,419
1998						
Wheel tractors, contractors' off-highway type, 2- and 4- wheel for use on natural terrain.....	(D)	(D)	3,791	90,353	3,718	28,358
Rubber-tired dozers	(D)	(D)	303	14,275	67	6,119
Wheeled log skidders, self-propelled.....	2,323	288,790	1,183	57,260	1,210	111,288

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Table 3. Shipments, Exports, and Imports of Selected Construction Machinery: 1999 and 1998
 [Quantity in number of units. Value in thousands of dollars]

Product description	Manufacturers' shipments 1/		Export shipments 3/		Imports for consumption 4/	
	Quantity	Value 2/	Quantity	Value as reported	Quantity	Value 5/
Crawler tractors (except crawler loaders).....	(D)	(D)	1,624	339,237	6,697	462,704
Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer.....	(D)	(D)	16,049	604,609	6,693	446,318
Skid steer loaders.....	65,728	1,024,943	1,639	67,096	1,215	75,567
Crawler loaders.....	(D)	(D)	274	8,155	1,768	188,473
Excavators, hydraulic operated, crawler mounted.....	17,515	1,772,681	2,280	259,354	14,888	1,053,489
Excavators, hydraulic operated, wheel (rubber) mounted.....	(D)	(D)	102	15,270	1,415	118,331
Cranes, lattice boom, wheel (rubber) mounted.....	(D)	(D)	148	17,303	110	43,562
Cranes, wheel (integral), hydraulic operated, telescopic boom, multiple control stations (rubber mounted), including pinned on type, telescopic and articulated.....	(D)	(D)	453	56,185	192	77,445
Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber mounted)	2,805	464,118	935	89,504	116	20,930
Cranes, pedestal or shipmounted.....	121	35,401	567	7,864	196	11,053
Cranes, other	(D)	(D)	247	40,069	677	58,747
Clamshell/grapple (attachments).....	794	15,131	3,525	6,280	3,384	7,241
Dragline buckets (attachments).....	160	12,358	-	-	7,221	3,760
Concrete mixers	23,789	461,350	2,323	16,215	48,873	32,953
Concrete pavers, finishers, and spreaders.....	56,363	164,801	1,173	29,166	3,585	2,327
Concrete pumps.....	(D)	(D)	1,297	18,908	4,837	54,640
Bituminous pavers, finishers, and spreaders.....	(D)	(D)	596	34,785	335	628
Asphalt plants and bituminous stabilization mixing equipment	303	286,834	967	24,310	20	956
Scraper bowls	(D)	(D)	1,503	818	1,954	26,721
Motor graders and light maintainers.....	(D)	(D)	1,493	159,046	1,108	125,312
Self-propelled vibratory compaction equipment.....	(D)	(D)	1,832	61,013	4,504	143,319
Self-propelled static compaction equipment.....	(D)	(D)	1,015	44,201	1,117	26,219
Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated.....	(D)	(D)	3,422	601,810	533	76,159
Off-highway trucks, truck-type tractor chassis, trailers, and wagons	(D)	(D)	1,530	122,932	2,284	315,154
Winches for mounting (towing, logging, and oil field types)	(D)	(D)	186,426	78,592	3,037,471	80,765
Backhoes for mounting.....	17,104	121,802	9,022	32,456	11,380	2,553
Other construction machinery for mounting.....	(D)	(D)	12,138	28,592	38,191	109,372
Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element.....	(D)	(D)	1,100	17,926	1	100
Self-propelled continuous ditchers and trenchers integral units), wheel-type digging element.....	(D)	(D)	352	15,996	206	1,631

- Represents zero. D Withheld to avoid disclosing data for individual companies.

1/See Table 4 for comparability.

2/Value f.o.b. plant.

3/Source: Census Bureau report EM 545, U.S. Exports.

4/Source: Census Bureau report IM 145, General Imports, and IM 146, U.S. Imports for Consumption.

5/Value represents c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States plus import duties.

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1999

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3331201599 pt.	Wheel tractors, contractors' off-highway type, 2- and 4-wheel for use on natural terrain	8701.90.5015	8701.90.5015
		8701.90.5020	8701.90.5020
		8701.90.5025	8701.90.5025
3331201599 pt.	Rubber-tired dozers	8429.19.0010	8429.19.0010
3331201577	Wheeled log skidders, self-propelled	8701.90.1001	8701.90.1001
3331201599 pt.	Crawler tractors (except crawler loaders)	8701.30.0015	8701.30.1015
		8701.30.0030	8701.30.1030
		8701.30.0045	8701.30.1045
		8701.30.0060	8701.30.1060
		8701.30.0075	8701.30.1075
			8701.30.5015
			8701.30.5030
			8701.30.5045
	8701.30.5060		
	8701.30.5075		
3331201471, 475, 479,	Wheel loaders, rear engine mount, integral design 4-wheel drive, nonskid steer	8429.51.1015	8429.51.1015
		8429.51.1025	8429.51.1025
		8429.51.1030	8429.51.1030
		8429.51.1035	8429.51.1035
		8429.51.1040	8429.51.1040
		8429.51.1045	8429.51.1045
		8429.51.1050	8429.51.1050
		8429.51.1055	8429.51.1055
3331201460	Skid steer loaders	8429.51.1060	8429.51.1060
3331201483	Crawler loaders	8429.51.5010	8429.51.5010
		8429.51.5020	8429.51.5020
		8429.51.5030	8429.51.5030
		8429.51.5040	8429.51.5040
		8429.51.5050	8429.51.5050
3331201111, 114, 117	Excavators, hydraulic operated, crawler mounted	8429.52.1010	8429.52.1010

Continued

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1999

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3331201129	Excavators, hydraulic operated, wheel (rubber) mounted	8429.52.1030	8429.52.1030
3331201145	Cranes, lattice boom, wheel (rubber) mounted	8426.41.0010 8705.10.0010	8426.41.0010 8705.10.0010
3331201152, 154, 156, 158, 167	Cranes, wheel (integral), hydraulic operated telescopic boom, multiple control stations (rubber-mounted) stations, including pinned on type, telescopic and articulated	8705.10.0050	8705.10.0050
3331201171, 174, 177	Cranes, wheel, hydraulic operated, telescopic boom, one control station (self-propelled, rubber mounted)	8426.41.0090	8426.41.0090
3331201194	Cranes, pedestal or shipmounted	8426.30.0000	8426.30.0000
3331201132, 134, 182, 184, 186, 188, 199	Cranes, other	8426.49.0010 8426.49.0090 8429.52.1020	8426.49.0010 8426.49.0090 8429.52.1020
33312011A7	Clamshell/grapple attachments for power cranes, draglines, and excavators (sold separately)	8431.41.0040	8431.41.0040
33312011A5	Dragline bucket attachments for power cranes, draglines, and excavators (sold separately)	8431.41.0060	8431.41.0060
3331201222, 231, 247	Concrete mixers	8474.31.0000	8474.31.0000
3331201233, 239, 244	Concrete pavers, finishers, and spreaders	8479.10.0040	8479.10.0040
3331201251	Concrete pumps	8413.40.0000	8413.40.0000
3331201266, 271, 275, 289	Bituminous pavers, finishers, and spreaders	8479.10.0060	8479.10.0060

Continued

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1999

Product code 1/	Product description 2/	Export number 3/	Import number 4/
3331201282, 284, 286	Asphalt plants and bituminous stabilization mixing equipment	8474.32.0000	8474.32.0000
33312016E5	Scraper bowls	8431.49.9045	8431.49.9045
3331201661, 667	Motor graders and light maintainers	8429.20.0000	8429.20.0000
3331201687, 689, 692, 696, 699, 6A2, 6A6	Self-propelled vibratory compaction equipment	8429.40.0020	8429.40.0020
3331201671, 673, 676, 682	Self-propelled static compaction equipment	8429.40.0040	8429.40.0040
3331201371	Off-highway rear dump haulers, trucks and truck trailers, including ridged and articulated	8704.10.5020 8704.10.5030 8704.10.5040 8704.10.5050	8704.10.5020 8704.10.5030 8704.10.5040 8704.10.5050
3331201376	Off-highway trucks, truck-type tractor chassis, trailers, and wagons	8704.10.5060 8704.10.1000	8704.10.5060 8704.10.1000
3339237231	Winches for mounting (towing, logging, and oil field types)	8425.31.0000 8425.39.0000	8425.31.0000 8425.39.0000
3331201782	Backhoes for mounting (whether or not mounted on an integral unit)	8431.49.9005	8431.49.9005
3331201799, 3339237239	Other construction machinery for mounting, including sidebooms, pipehandlers, dozers, front-end loaders, rippers, and rooters	8428.90.0030 8428.90.8030 8431.42.0000 8431.49.9010 8431.49.9015	8428.90.0030 8428.90.8030 8431.42.0000 8431.49.9010 8431.49.9015

Continued

Table 4. Comparison of North American Industry Classification System-Based Product Codes with Schedule B Export Numbers, and HTSUSA Import Numbers: 1999

Product code 1/	Product description 2/	Export number 3/	Import number 4/
33312016J3, 6J5, 6J7	Self-propelled continuous ditchers and trenchers (integral units), ladder-type digging element	8429.59.5020	8429.59.5020
33312016JJ	Self-propelled continuous ditchers and trenchers (integral units), wheel-type digging element	8429.59.5040	8429.59.5040

pt. Part.

1/North American Industry Classification System code; see Table 2.

2/Used in Table 3.

3/Source: 1999 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

4/Source: Harmonized Tariff Schedule of the United States, Annotated (1999).