

Metalworking Machinery: Fourth Quarter 2007

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

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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU

Table 1. Total Shipments and Unfilled Orders
[Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	Fourth quarter 2007			Third quarter 2007		
			Total shipments		Unfilled orders (value)	Total shipments		Unfilled orders (value)
			Quantity	Value		Quantity	Value	
	Metalworking machinery.....	(X)	32,888	919,856	1,421,849	30,570	775,883	1,329,811
	Total metal cutting type machine tools.....	(X)	20,086	708,355	1,068,486	17,695	583,755	973,514
	Total metal forming type machine tools.....	(X)	12,802	211,505	353,373	12,875	192,128	356,297
	Metal cutting type machine tools valued at \$3,025 each or more 1/ 2/.....	(X)	8,306	671,512	1,009,099	7,271	559,122	929,770
	Metal cutting type machine tools valued under \$3,025 3/ 4/.....	(X)	11,578	15,705	1,056	10,284	r/ 11,373	r/ 645
333512A1	Boring and drilling machines 3/.....	21	1,681	c/ 30,782	c/ 44,531	1,820	c/ 26,390	42,713
333512A103	Boring machines valued at \$3,025 each or more: Horizontal boring, drilling, and milling machines, including floor, table, rail mounted, and all other nonprecision boring machines (except boring lathes).....	5	(D)	(D)	(D)	(D)	(D)	(D)
333512A105	Precision and jig boring machines, including horizontal and vertical machines.....	2	(D)	(D)	(D)	(D)	(D)	(D)
333512A111	All drilling machines valued under \$3,025 each 3/.....	7	1,406	1,420	(D)	1,543	1,591	(D)
333512A113	Drilling machines valued at \$3,025 each or more: Vertical upright drilling machines, including plain upright and heavy duty.....	2	(D)	(D)	(D)	(D)	(D)	(D)
333512A117	Deep hole drilling machines.....	4	c/ 58	c/ 17,819	(D) c/ 46	c/ 13,984	8,580	
333512A120	Multiple spindle drilling machines.....	5	c/ 71	c/ 5,045	1,207 b/ 57	c/ 3,237	3,616	
333512A123	All other drilling machines.....	1	(D)	(D)	-	(D)	(D)	
3335121200	Gear cutting machines, including gear hobbers, shapers, teeth finishing, bevel gear generators, and all other gear cutting machines 1/.....	3	b/ 47	b/ 31,822	b/ 110,430	40	22,620	60,072
33351221	Grinding, polishing, buffing, honing, and lapping machines 3/.....	51	a/ 6,249	78,616	188,102	r/ 4,922	r/ 59,314	r/ 176,616
3335122101	All grinding, polishing, buffing, honing, and lapping machines valued under \$3,025 each 3/.....	13	a/ 5,651	a/ 11,310	(D)	r/ 4,452	r/ 6,978	(D)
	All grinding, polishing, buffing, honing, and lapping machines valued at \$3,025 each or more:							
3335122110	External cylindrical grinding machines.....	8	b/ 134	21,981	38,978	b/ 86	11,576	49,268
3335122120	Internal cylindrical grinding machines.....	1	(D)	(D)	(D)	(D)	(D)	(D)
3335122122	Surface grinding machines.....	5	b/ 129	b/ 3,370	(D)	b/ 92	b/r/ 2,547	(D)
3335122136	All other disc grinders, including bench, floor, snag, double spindle grinders, and abrasive belt grinders.....	4	(D)	(D)	6,369	(D)	(D)	(D)
3335122142	Tool, cutter, and drill point grinding machines.....	11	122	19,398	10,702	r/ 82	13,267	11,276
3335122151	All other grinding machines, including planer type, and thread grinding machines.....	7	b/ 74	c/ 7,705	c/ 22,204	88	r/ 8,318	a/r/ 20,674
3335122156	Honing and lapping machines (except flat surface lapping machines), internal, including combination bore, hone, and external.....	4	79	7,889	(D)	(D)	(D)	(D)
3335122161	Flat surface lapping machines (except gear lapping).....	3	c/ 10	420	(D)	c/ 18	751	(D)
3335122166	Polishing and buffing machines, including speed lathes and multistation type.....	8	(D)	(D)	(D)	(D)	(D)	20,565
33351231	Lathes 2/ 4/.....	(X)	1,752	100,075	71,197	1,427	90,961	50,207
	Numerically controlled:							
	Horizontal.....	6	1,598	94,776	42,190	1,258	75,216	50,207
	Single spindle NC turning machines:							
3335123107	Chuck sizes less than 10 inches.....	5	998	43,706	(D)	745	31,433	(D)
3335123116	Chuck sizes from 10 inches but less than 15 inches.....	4	(D)	(D)	(D)	(D)	(D)	(D)
3335123127	Chuck sizes 15 inches and over and multiple spindle NC turning machines.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3335123126	Vertical NC turning machines 2/.....	3	b/ 7	c/ 4,178	c/ 28,539	14	13,666	(D)
3335123131	All lathes (turning machines) valued under \$3,025 each 4/.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3335123134	All nonnumerically controlled lathes (turning machines) valued at \$3,025 each or more.....	5	c/ 147	c/ 1,121	(D)	c/ 155	b/ 2,079	(D)
33351241	Milling machines 4/.....	6	b/ 432	a/ 36,176	70,627	b/ 330	12,910	(D)
3335124101	All milling machines valued under \$3,025 each 4/.....	1	(D)	(D)	(X)	(D)	(D)	(X)
3335124125	All milling machines valued at \$3,025 or more.....	6	b/ 432	a/ 36,176	70,627	330	12,910	(D)
33351271	Machining centers.....	11	3,207	202,085	228,885	2,731	199,760	181,967
	Drill, mill, and bore, vertical (automatic tool change):							
3335127101	Y-axis travel less than 20 inches.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3335127106	Y-axis travel 20 inches through 26 inches.....	5	1,159	80,076	43,266	1,005	72,779	34,197
3335127111	Y-axis travel over 26 inches.....	5	a/ 325	a/ 35,256	52,443	a/ 299	a/ 33,337	41,054
	Drill, mill, and bore, horizontal (automatic tool change):							
3335127112	Under 500mm pallet and smaller.....	2	(D)	(D)	(D)	(D)	(D)	(D)
3335127113	500 to 800mm pallet.....	4	47	8,484	(D)	(D)	(D)	(D)
3335127114	Over 800mm pallet.....	3	b/ 3	b/ 3,355	b/ 36,045	7	13,535	28,040

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			Total shipments		Unfilled orders (value)	Total shipments		Unfilled orders (value)		
			Quantity	Value		Quantity	Value			
3335127146	All other machining centers, including special machining, special adapting of standard machining and machining centers with indexing turret.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
33351281	Station type machines.....	8	c/	56	45,335	179,040	b/	27	15,130	(D)
3335128101	Dial or rotary, trunnion, and center column.....	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335128106	Transfer.....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335128111	Other station type.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
33351291	Other metal cutting machine tools.....	46	c/	5,922	a/ 161,946	a/ 116,825	5,720	143,030	112,562	
3335129101	Other metal cutting machine tools, valued under \$3,025.....	11	c/	3,983	c/ 2,595	c/ 496	3,751	2,424	329	
3335129106	Other metal cutting machine tools, valued at \$3,025 each or more: Broaching machines.....	4	c/	21	c/ 904	b/ 2,267	c/ 23	c/ 1,254	b/ 1,984	
	Sawing and cutoff machines: Band saws: Horizontal.....	7	b/	311	c/ 6,200	(D)	c/ 301	c/ 5,912	(D)	
3335129122	Vertical.....	6	a/	296	a/ 5,432	(D)	a/ 262	5,256	4,081	
3335129126	All other sawing and cutoff machines.....	7	(D)	(D)	b/ 2,575	(D)	(D)	(D)	c/ 5,654	
3335129131	Spark erosion, ultrasonic, and electrolytic machines, all types.....	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335129136	Miscellaneous metal cutting machine tools.....	23	b/	1,162	a/ 140,219	96,640	1,226	122,196	90,681	
3335126111	Remanufactured metal cutting machine tools.....	13	c/	202	b/ 21,138	b/ 58,331	c/ 140	b/ 13,260	a/ 43,099	
	Metal forming type machine tools valued at \$3,025 or more.....	(X)		3,692	203,199	347,801	3,416	183,935	351,511	
	Metal forming type machine tools valued under \$3,025 5/.....	(X)		9,081	4,820	614	9,444	6,441	302	
33351311	Punching, shearing, bending, and forming machines.....	58		3,201	a/ 104,345	191,331	3,045	a/ 93,798	191,975	
3335131101	All punching and shearing machines valued under \$3,025 each.....	8	a/	169	a/ 237	b/ 103	248	331	76	
	All punching and shearing machines valued at \$3,025 each or more: Power operated only: Punches, including combination punching and shearing machines.....	14		1,357	19,263	2,847	1,109	16,258	2,279	
3335131111	Punching machines fixed position and two axes positioning table.....	3	b/	41	b/ 11,206	c/ 17,436	b/ 29	b/ 7,793	c/ 18,514	
	Plate shearing machines: Mechanical.....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335131116	Hydraulic.....	7	a/	234	b/ 4,367	3,811	239	5,024	4,448	
3335131126	Other power operated punching and shearing machines.....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335131131	All bending and forming machines, power operated valued at under \$3,025 each.....	6		349	725	54	395	770	74	
	All bending and forming machines, power operated valued at \$3,025 each or more: Press brakes, all types.....	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
3335131136	Roll bending machines including sheet, plate, angles, bars, shapes and tubes, and rotary bending and forming machines, including rotary head.....	15	b/	233	22,339	97,333	b/ 232	21,096	102,504	
3335131161	Other bending and forming machines, including folders and slide bending machines.....	16	b/	569	a/ 21,381	47,381	b/ 565	a/ 21,334	42,868	
33351331	Presses (except forging) 5/.....	28	c/	538	a/ 48,930	84,186	c/ 512	a/ 39,476	80,226	
3335133101	All presses valued under \$3,025 each 5/.....	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
	All presses valued at \$3,025 each or more: Mechanical presses: Gap or C-frame.....	4	c/	19	a/ 340	(D)	c/ 23	a/ 367	200	
3335133109	Automatic presses, strip or coil fed.....	4	a/	45	10,571	15,279	a/ 31	6,454	13,535	
3335133136	Vertical, automatic, and all other mechanical presses.....	5	(D)	(D)	31,043	c/ 117	b/ 20,255	25,074		
	Hydraulic presses: Vertical single action, all tonnages: Housing or straight side type.....	4		6	6,498	5,552	(D)	(D)	r/ 7,962	
3335133146	Column type (open rod).....	5	(D)	(D)	16,214	5	2,426	(D)		
3335133151	Gap or C-frame: 15 tons and under.....	4		45	746	(D)	43	r/ 798	(D)	
3335133156	16 tons to 35 tons.....	4		22	1,644	(D)	(D)	(D)	(D)	
3335133161	Over 35 tons.....	5		10	930	b/ 1,821	9	795	a/r/ 1,238	
3335133166	Other hydraulic and pneumatic presses, including horizontal.....	8	c/	276	b/ 5,530	a/ 12,428	c/ 272	b/r/ 4,440	r/ 10,552	
3335133171	All other metal forming type machine tools 5/.....	29		471	a/ 50,886	72,441	502	a/r/ 51,762	79,460	
3335135101	All other metal forming type machine tools valued under \$3,025 each 5/.....	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	

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 [Quantity in units. Value in thousands of dollars]

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			Total shipments		Unfilled orders (value)	Total shipments		Unfilled orders (value)						
			Quantity	Value		Quantity	Value							
	All other metal forming type machine tools valued at \$3,025 each or more:													
3335135118	Forging machines, including forging presses and die stamping presses, and die casting machines, all types.....	4	b/	22	c/	5,898	(D)	b/	38	c/	13,097	(D)		
3335135121	Riveting machines	5	c/	146	c/	2,962	(D)	b/	142		2,849	(D)		
3335135126	All other metal forming type machine tools.....	18		303		42,026	(D)		322	r/	35,816	(D)		
3335137121	Remanufactured metal forming machine tools.....	6	b/	31	b/	3,486	c/	4,948	b/	15	c/	1,752	b/	4,484

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

1/For third quarter 2007 "Unfilled orders (value)" for product code 3335123126 is included in the total for "Metal cutting type machine tools valued at \$3,025 each or more," but excluded from product class 33351231.

2/For third quarter 2007 "Unfilled orders (value)" for product codes 3335123134 is included in the total for "Metal cutting type machine tools valued at \$3,025 each or more," but excluded from product class 33351231.

3/For third quarter 2007 "Unfilled orders (value)" for product classes 33351241 and 33351281 is included in the total for "Metal cutting type machine tools valued over \$3,025."

4/Product codes 3335123131 and 3335124101 are included in the total for "Metal cutting type machine tools valued under \$3,025," but excluded from product class 33351231 and 33351241, respectively.

5/Product codes 3335133101 and 3335135101 are included in the total for "Metal forming type machine tools valued under \$3,025," but excluded from product classes 33351331 and 33351351, respectively.

Note: This report includes complete machines only. Percent of estimation of each item is indicated as follows: a/16 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 of Numerically Controlled Machines and Exports
 [Quantity in units. Value in thousands of dollars]

Product description	Fourth quarter 2007			Third quarter 2007		
	Shipments of numerically controlled machines		Export shipments (value) 1/	Shipments of numerically controlled machines		Export shipments (value) 1/
	Quantity	Value		Quantity	Value	
Metalworking machinery.....	6,272	609,631	274,916	5,254	507,303	222,693
Metal cutting type machine tools 2/.....	6,011	542,285	216,633	5,011	454,629	169,050
Boring and drilling machines 2/.....	25	5,711	3,698	32	5,950	2,359
Gear cutting machines 2/.....	45	31,548	(D)	37	22,110	(D)
Grinding, polishing, buffing, and lapping machines	132	29,599	14,144	106	23,496	12,909
Valued under \$3,025 each, external cylindrical grinding machines (plain and universal), and surface grinding machines, all types.....	(D)	(D)	(D)	(D)	(D)	(D)
Honing, lapping, polishing, and buffing machines.....	(D)	(D)	(D)	(D)	(D)	(D)
Horizontal NC turning machines, valued at \$3,025 or each or more 3/.....	1,598	94,776	37,629	1,258	75,216	26,409
Single spindle NC turning machines:						
Chuck sizes less than 10 inches 3/.....	998	43,706	(D)	745	31,433	(D)
Chuck sizes over 10 inches but less than 15 inches 3/.....	(D)	(D)	(D)	(D)	(D)	(D)
Chuck sizes 15 inches and over and multiple spindle 3/.....	(D)	(D)	(D)	(D)	(D)	(D)
Vertical NC turning machines, valued at \$3,025 each or more 2/.....	7	4,178	(D)	14	13,666	(D)
Nonnumerically controlled turning machines, valued at \$3,025 or more.....	(X)	(X)	(D)	(X)	(X)	(D)
Milling machines 2/.....	258	34,237	(D)	191	11,433	(D)
Machining centers 4/.....	3,207	202,085	(D)	2,731	199,760	67,749
Drill, mill and bore, vertical (automatic tool change) 4/.....	(D)	(D)	(D)	(D)	(D)	(D)
Y-axis travel less than 20 inches 4/.....	(D)	(D)	(D)	(D)	(D)	(D)
Y-axis travel 20 inches through 26 inches 4/....	1,159	80,076	33,352	1,005	72,779	(D)
Y-axis travel over 26 inches 4/.....	325	35,256	(D)	299	33,337	(D)
Drill, mill and bore, horizontal (automatic tool change) 4/.....	146	23,198	(D)	128	29,195	(D)
Under 500mm pallet 4/.....	(D)	(D)	(D)	(D)	(D)	(D)
500mm-800mm pallet 4/.....	47	8,484	(D)	(D)	(D)	(D)
Over 800mm pallet.....	3	3,355	-	7	13,535	4,980
All other machining centers 4/.....	(D)	(D)	-	(D)	(D)	-
Station type machines, and other metal cutting machine tools	575	127,389	40,595	523	94,360	36,671
Remanufactured metal cutting machines 2/.....	164	12,762	3,069	119	8,638	1,536
Metal forming type machine tools 5/.....	261	67,346	58,283	243	52,674	53,643
Punching, shearing, bending, and forming machines.....	208	33,127	22,065	195	26,871	16,558
Punching and shearing machines.....	105	12,691	7,566	87	9,301	4,636
All bending and forming machines, power operated.....	103	20,436	14,499	108	17,570	11,922
Presses (except forgings) 5/.....	(D)	(D)	8,148	(D)	(D)	6,780
All other metal forming type machine tools 5/.....	(D)	(D)	(D)	(D)	(D)	(D)
Remanufactured metal forming machines 5/.....	(D)	(D)	(D)	(D)	(D)	(D)

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

1/Data includes the value of all types of machines exported, as reported by MQ333W survey panel.

2/Data were included in total "Metal cutting type machine tools."

3/Data were included in "Horizontal NC turning machines, valued at \$3,025 each or more."

4/Data were included in total "Machining centers."

5/Data were included in total "Metal forming type machine tools."

Table 3a. Shipments, Exports, and Imports of Metalworking Machinery: Fourth Quarter 2007
 [Quantity in units. Value in thousands of dollars]

Product description	Manufacturers' shipments		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
	Quantity	Value	Quantity	Value at port	Quantity	Value 4/
Boring and drilling machines, excluding multifunction NC machines, machining centers:						
Boring machines valued at \$3,025 each or more.....	(D)	(D)	139	4,436	259	23,409
Drilling machines:						
Valued under \$3,025 each.....	1,406	1,420	2,333	2,201	35,927	4,488
Valued at \$3,025 each or more.....	(D)	(D)	479	17,056	311	15,589
Gear cutting machines.....	47	31,822	94	7,232	150	38,964
Grinding, polishing, buffing, honing, and lapping machinery (except gear tooth grinding, lapping, polishing, and buffing machines):						
Valued under \$3,025 each.....	5,651	11,310	21,213	5,322	165,305	6,641
Valued at \$3,025 each or more.....	598	67,306	752	32,530	1,390	85,798
Lathes (turning machines) under \$3,025.....	(D)	(D)	780	1,029	3,112	2,492
Horizontal NC turning machines.....	1,598	94,776	161	19,898	1,961	219,708
Vertical NC turning machines.....	7	4,178	23	4,515	168	44,047
Nonnumerically controlled turning machines.....	147	1,121	449	12,143	1,043	19,952
Milling machines:						
Valued under \$3,025 each.....	(D)	(D)	1,044	1,994	2,268	2,333
Valued at \$3,025 each or more.....	432	36,176	216	7,940	1,530	45,517
Machining centers (multifunction NC machines).....	3,207	202,085	740	72,352	1,604	270,742
Drill, mill, and bore, vertical (automatic tool change):						
Y-axis travel less than 20 inches and 20 inches through 26 inches.....	(D)	(D)	599	57,168	892	81,820
Y-axis travel 26 inches and over.....	325	35,256	95	11,984	235	46,325
Drill, mill, and bore, horizontal (automatic tool change).....	(D)	(D)	-	-	438	123,598
Other machining centers.....	(D)	(D)	46	3,200	39	18,999
Station type machines.....	56	45,335	(NA)	(NA)	69	20,977
Other metal cutting machine tools:						
Valued under \$3,025 each.....	3,983	2,595	(NA)	(NA)	(NA)	(NA)
Valued at \$3,025 each or more.....	1,939	159,351	1,327	26,668	3,301	119,993
Punching and shearing machines:						
Valued under \$3,025 each.....	169	237	5,533	4,215	3,277	1,086
Valued at \$3,025 each or more.....	(D)	(D)	545	24,049	631	41,382
Bending and forming machines:						
Valued under \$3,025 each.....	349	725	9,795	4,148	35,919	5,315
Valued at \$3,025 each or more.....	(D)	(D)	1,147	24,237	1,115	53,145
Presses (except forging presses).....	538	48,930	2,019	13,287	6,468	41,954
All other metal forming type machine tools:						
Valued under \$3,025 each.....	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Machines valued at \$3,025 each or more:						
Forging machines, including forging presses and die stamping presses, and die casting machines, all types.....	22	5,898	266	17,978	1,063	36,254
Other metal forming machines.....	303	42,026	(NA)	(NA)	(NA)	(NA)

- Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available.

1/For a comparison of North American Industry Classification System (NAICS)-based product codes, Schedule B export codes and HTSUSA import codes, see Table 4 in the first quarter report for this series, MQ333W(07)-1, "Metalworking Machinery," issued June 2007.

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

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

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

Table 3b. Shipments, Exports, and Imports of Metalworking Machinery: Third Quarter 2007
 [Quantity in units. Value in thousands of dollars]

Product description	Manufacturers' shipments		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
	Quantity	Value	Quantity	Value at port	Quantity	Value 4/
Boring and drilling machines, excluding multifunction NC machines, machining centers:						
Boring machines valued at \$3,025 each or more.....	(D)	(D)	91	3,143	307	22,868
Drilling machines:						
Valued under \$3,025 each.....	1,543	1,591	4,293	2,991	31,062	5,435
Valued at \$3,025 each or more.....	(D)	(D)	522	14,350	387	15,407
Gear cutting machines.....	40	22,620	92	9,829	81	29,568
Grinding, polishing, buffing, honing, and lapping machinery (except gear tooth grinding, lapping, polishing, and buffing machines):						
Valued under \$3,025 each.....	4,452	6,978	21,146	5,414	183,665	6,572
Valued at \$3,025 each or more.....	470	52,336	647	30,167	1,327	74,066
Lathes (turning machines) under \$3,025.....	(D)	(D)	647	920	4,137	3,250
Horizontal NC turning machines.....	1,258	75,216	140	18,192	1,922	222,518
Vertical NC turning machines.....	14	13,666	56	5,922	133	28,530
Nonnumerically controlled turning machines.....	155	2,079	398	12,170	1,387	22,318
Milling machines:						
Valued under \$3,025 each.....	(D)	(D)	680	1,308	2,325	1,861
Valued at \$3,025 each or more.....	330	12,910	199	7,370	1,462	41,745
Machining centers (multifunction NC machines).....	306	46,872	764	80,425	1,652	267,341
Drill, mill, and bore, vertical (automatic tool change):						
Y-axis travel less than 20 inches and 20 inches through 26 inches.....	(D)	(D)	609	63,920	865	73,265
Y-axis travel 26 inches and over.....	299	33,337	106	12,375	197	39,115
Drill, mill, and bore, horizontal (automatic tool change).....	(D)	(D)	-	-	563	148,770
Other machining centers.....	(D)	(D)	49	4,130	27	6,190
Station type machines.....	3,751	2,424	(NA)	(NA)	51	21,049
Other metal cutting machine tools:						
Valued under \$3,025 each.....	3,751	2,424	(NA)	(NA)	(NA)	(NA)
Valued at \$3,025 each or more.....	-2,579	89,040	1,218	28,884	2,200	108,346
Punching and shearing machines:						
Valued under \$3,025 each.....	248	331	5,991	3,145	4,137	1,312
Valued at \$3,025 each or more.....	(D)	(D)	830	28,245	562	32,712
Bending and forming machines:						
Valued under \$3,025 each.....	395	770	9,827	5,379	38,723	5,477
Valued at \$3,025 each or more.....	(D)	(D)	908	20,105	1,029	51,779
Presses (except forging presses).....	512	39,476	2,468	20,990	17,680	27,934
All other metal forming type machine tools:						
Valued under \$3,025 each.....	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Machines valued at \$3,025 each or more:						
Forging machines, including forging presses and die stamping presses, and die casting machines, all types.....	38	13,097	216	18,462	1,716	36,057
Other metal forming machines.....	322	35,816	(NA)	(NA)	(NA)	(NA)

- Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available.

1/For a comparison of North American Industry Classification System (NAICS)-based product codes, Schedule B export codes and HTSUSA import codes, see Table 4 in the first quarter report for this series, MQ333W(07)-1, "Metalworking Machinery," issued June 2007.

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

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

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