

U.S. Census Bureau
Farm Machinery and Lawn and Garden Equipment - 2007
MA333A(07)
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Address inquiries concerning these data to Investment Goods Industries Branch, U.S. Department of Commerce, Census Bureau, Manufacturing and Construction Division, Washington, DC 20233-6900, or call Edward Hull, 301-763-1789.

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Table 1. Value of Shipments of Farm Machinery and Lawn and Garden Equipment by
Type of Equipment: 2003 to 2007
[Value in millions of dollars]

Product description	2007		2006	2005	2004	2003
Farm dairy machines, sprayers, dusters, and farm blowers 1/2/.....	1,071	r/	1,026	1,288	1,098	807
Planting, seeding, and fertilizing machinery 2/.....	1,074	r/	943	1,266	1,119	1,299
Harvesting machinery 2/.....	2,805	r/	2,703	3,526	3,522	1,878
Haying machinery 2/.....	1,228	r/	1,132	1,301	1,303	1,339
Plows, harrows, rollers, pulverizers, cultivators, and weeders 2/.....	(D)		(D)	(D)	638	458
Commercial turf and grounds care equipment 2/.....	2,391		2,197	2,349	2,092	1,836
Consumer nonriding lawn, garden, and snow equipment 3/.....	2,986		2,794	3,270	3,125	3,175
Consumer riding lawn, garden, and snow equipment 3/.....	2,509	r/	2,968	3,839	3,875	3,801
Farm elevators 4/.....	41		35	(NA)	(NA)	(NA)
Parts for farm machinery 5/.....	(D)		1,663	(NA)	(NA)	(NA)

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

1/New for 2007: Farm elevators, conveyors, and stackers have been removed from this total. The 2006 total has also been revised to reflect this change.

2/New for 2007: Parts for farm machinery are not included in these totals for 2007 and 2006. The values for parts for farm machinery have been relocated to the bottom of Table 2 and are no longer included in 7-digit product class totals for farm machinery.

3/The "Parts and attachments" categories for lawn and garden equipment have been added to the 7-digit product class total from Table 2.

4/This data represents years 2007 and 2006 only. In earlier years, this data was collected in combination with farm dairy machines, sprayers, dusters, and farm blowers.

5/This data represents years 2007 and 2006 only. In earlier years, this data was collected in combination with farm machinery.

Table 2. Manufacturers' Shipments of Farm Machinery and Lawn and Garden Equipment by Type: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2007		2006	
			Quantity	Value	Quantity	Value
333111	Farm machinery and equipment, including parts and attachments.....	(NA)	(X)	17,521,084	(X)	15,547,504
3331111	Wheel tractors (excluding contractors' off-highway wheel tractors, garden tractors, turf tractors, and motor tillers) and attachments.....	(NA)	(X)	(D)	(X)	(D)
333111102	Wheel tractors, farm-type (PTO hp).....	5	(D)	(D)	(D)	(D)
333111111	Attachments for wheel tractors, farm-type.....	13	(X) a/	86,933	(X) a/	97,197
3331114	Farm dairy machines, sprayers, dusters, and farm blowers.....	(NA)	(X)	1,071,152	(X)	1,025,861
3331114 pt.	Farm dairy machines and equipment.....	(NA)	(X)	(D)	(X)	(D)
	Mechanical installations:					
3331114101	Milking machines, complete, suspended and foot-type bucket, single and double units.....	3	(D)	(D)	(D)	(D)
3331114104	Pipeline milking units, complete, including claws, shells, inflations, air tubes, with or without pulsator.....	4	(D)	(D)	(D)	(D)
3331114106	Other farm dairy machines and equipment.....	11	11,574	55,581	12,728	58,147
3331114108	Attachments for farm dairy machines and equipment.....	4	(D)	(D)	(D)	(D)
3331114 pt.	Sprayers and dusters.....	(NA)	(X)	915,354	(X)	880,520
	Power sprayers, field and row crop types only:					
3331114116	Self-propelled.....	11	4,194	590,986	4,285	552,219
3331114121	Tractor mounted.....	19	a/ 4,152	50,278	a/r/ 4,432	46,207
	Other than tractor mounted:					
3331114124	Power take-off driven, piston pump type.....	6	c/ 343	a/ 2,110	c/ 431	a/ 2,573
3331114128	Nonpiston pump type.....	14	a/ 1,768	a/ 11,607	a/ 1,867	a/ 14,649
3331114132	Other power sprayers, over 4 g.p.m.	3	(D)	(D)	(D)	(D)
	Power sprayers, other than row crop and field types, over 4 g.p.m.:					
3331114136	Power take-off driven.....	4	c/ 336	c/ 3,157	b/ 367	a/ 3,449
3331114141	Engine-driven.....	10	b/ 1,208	c/ 6,643	a/ 1,177	a/ 6,432
3331114144	Air carried type power sprayers (field, row crop, and orchard types).....	3	(S)	(S)	c/ 961	b/ 9,892
3331114148	Foggers and mist sprayers, portable.....	3	(D)	(D)	(D)	(D)
3331114152	Hand-pulled and garden-type, 4 g.p.m. and under.....	10	b/ 284,928	a/ 37,326	291,440	36,555
	Sprayers, agricultural hand:					
3331114156	Under 1 gallon.....	3	825,643	3,420	c/ 967,696	b/ 4,032
	1 gallon and over:					
3331114161	Compressed air or gas.....	6	9,998,911	a/ 128,483	b/r/ 10,360,598	b/r/ 134,324
3331114164	Other, including knapsack, hose end and flame sprayers and sprayer pumps.....	7	1,276,741	22,123	(D)	19,842
3331114168	Dusters, power, hand, all types.....	7	65,097	808	a/ 59,354	a/r/ 680
3331114172	All other sprayers.....	7	(D)	(D)	(D)	(D)
3331114176	Attachments for sprayers and dusters.....	15	(X)	25,331	(X)	28,072
3331114 pt.	Farm blowers.....	(NA)	(X)	(D)	(X)	(D)
3331114192	Farm blowers, including forage blowers, combination grain and forage blowers.....	5	a/ 499	a/ 2,322	a/ 788	a/ 3,303
3331114194	Attachments for farm blowers.....	2	(D)	(D)	(D)	(D)
3331117	Planting, seeding, and fertilizing machinery.....	(NA)	(X)	1,074,102	(X)	r/ 942,672
3331117101	Corn planters, corn and cotton planters, and lister plant pull-type and mounted (total rows mounted).....	7	(D)	(D)	(D)	(D)
3331117108	Grain drills (fixed frame), all types.....	9	a/ 4,352	a/ 124,692	3,605	92,782
3331117111	Transplanters (pull-type or mounted) and broadcast seeders (end-gate, mounted and drawn).....	5	b/ 5,556	a/ 4,462	b/ 5,749	a/ 4,107
	Fertilizer distributors (pull-type or mounted):					
3331117118	Dry, including lime spreaders.....	27	c/ 12,007	c/ 66,537	c/ 10,404	b/ 56,878
3331117121	Liquid and anhydrous ammonia.....	14	b/ 6,377	a/ 34,042	a/ 5,651	26,730
3331117128	Manure spreaders, rear discharge.....	14	a/ 6,483	a/ 58,075	6,989	54,262
3331117131	Manure spreaders, side discharge.....	3	1,905	37,957	1,540	29,614
3331117138	Manure pumps, liquid.....	6	(D)	(D)	(D)	(D)
3331117141	Front and rear tractor mounted loaders (farm-type), manure and general utility (except beet and sugar cane loaders).....	11	c/ 40,347	b/ 112,276	b/ 54,115	146,680

Table 2. Manufacturers' Shipments of Farm Machinery and Lawn and Garden Equipment by Type: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2007				2006			
			Quantity		Value		Quantity		Value	
3331117148	Row crop unit planters (quantity in rows).....	11	(D)		70,756		(D)		63,969	
3331117151	Other planting, seeding, and fertilizing machinery.....	22	a/	21,821	a/	227,754	a/	21,468	a/r/	166,127
3331117158	Attachments for planting, seeding, and fertilizing machinery.....	22	(X)		41,043		(X)		42,906	
3331119	Harvesting machinery.....	(NA)	(X)	a/	2,804,714		(X)		2,702,634	
3331119101	Combines (harvester-threshers), grain-types only (self-propelled and pull-type).....	8	b/	10,017	b/	1,905,972		9,654	1,787,185	
3331119111	Small grain header for combines, all sizes.....	5	a/	7,390		167,675		(D)	(D)	
3331119121	Corn heads, all sizes.....	6	(D)		(D)		(D)		(D)	
3331119131	Other grain-type combines.....	2	(D)		(D)		(D)		(D)	
3331119141	Field forage harvesters: Shear bar, self-propelled type and pull-type (basic machines).....	2	(D)		(D)		(D)		(D)	
3331119151	Attachments for shear bar type forage harvester.....	1	(D)		(D)		(D)		(D)	
3331119161	Flail-type (horizontal knives or vertical free-swinging knives or hammers), including discharge spouts.....	4		152		2,126		102	1,433	
3331119171	Other harvesting machinery, including potato diggers, cane harvesting equipment, and picker-shellers.....	36	a/	3,694		478,497	a/	4,791	561,863	
3331119181	Attachments for harvesting machinery, including platform and seeder, reel, straw spreaders, load levelers, weed stripper, grate unit, knife grinders, and stalk walkers.....	18	(X)		103,134		(X)		107,168	
333111A	Haying machinery.....	(NA)	(X)	b/	1,228,278		(X)	b/	1,131,624	
333111A101	Mowers, cutter bar type, including drum and disk.....	7	(D)		(D)		(D)		(D)	
333111A111	Mower-conditioners and windrowers with conditioner auger and draper-type (pull-type and self-propelled).....	8		14,231		278,230	b/	20,653	b/	397,660
333111A121	Rakes, side delivery, cylinder type, and finger wheel type.....	9	b/	8,594	a/	47,983		(D)	(D)	
333111A131	Hay balers, hay stackers, (field type), hay bale loaders, bale throwing attachments.....	10		21,883		481,559		22,119	a/	327,661
333111A141	Other haying machinery.....	17	a/	23,962	b/	59,249	a/	24,682	c/	100,707
333111A151	Other attachments for haying machinery (stripper, bale chute and knife attachments).....	12	(X)		(D)		(X)		(D)	
333111E	Plows, harrows, rollers, pulverizers, cultivators, and weeders.....	(NA)	(X)		(D)		(X)		(D)	
333111E pt.	Plows (primary tillage equipment).....	(NA)	(X)	a/	86,467		(X)		(D)	
333111E101	Subsoilers, deep tillage.....	25	a/	1,732		15,513		2,637	31,744	
333111E109	Terracing and ditching plows.....	10	c/	961	c/	3,191	b/	715	a/	2,388
333111E111	Chisel plows, deep tillage (chisel or sweep type): Pull-type.....	12	a/	1,390	a/	34,145		818	18,310	
333111E119	Mounted.....	9	b/	551	b/	653		(D)	(D)	
333111E121	Other plows (excluding snow plows).....	11	a/	2,396	c/	15,680		(D)	(D)	
333111E159	Middlebusters and disc bedders.....	14	b/	2,401	a/	3,469	b/r/	2,013	a/r/	3,210
333111E131	Attachments for plows (coulters, jointers, root cutters subsoilers, fertilizer distributors, etc.), excluding lister planting attachments.....	18	(X)	a/	11,831		(X)		13,792	
333111E139	Plowshares (quantity in thousands of pounds).....	6	c/	10,324	c/	1,985	c/	11,645	c/	2,299
333111E pt.	Harrows, rollers, pulverizers and similar equipment (secondary tillage).....	(NA)	(X)		(D)		(X)		227,028	
333111E141	Spike-tooth harrow sections and spring-tooth and tine-tooth harrow sections.....	16	c/	17,507	b/	14,474		(D)	(D)	
333111E149	Disc harrows, single, tandem, and offset.....	22	a/	14,659	b/	141,278	b/	15,535	80,130	
333111E151	Combination tillage equipment, roller/harrows, disc or coulters/field cultivators, disc or coulters/spring tooth.....	23	b/	5,546	b/	59,059	b/	4,430	45,832	
333111E158	Blade terracers or scrapers (farm-size).....	29	b/	28,626	a/	24,460	a/r/	34,133	r/	26,261
333111E161	Land levelers.....	15	(D)		(D)		r/	3,593	r/	23,766
333111E169	Other harrows, rollers, pulverizers, and similar equipment.....	23		7,756		18,915		8,872	32,016	
333111E171	Attachments for harrows, rollers, pulverizers, and similar equipment.....	16	(X)	c/	13,277		(X)		(D)	
333111E pt.	Cultivators and weeders.....	(NA)	(X)	a/	94,721		(X)		(D)	
333111E179	Corn and cotton type cultivators, shank and sweep type (front and rear mounted).....	12	c/	787	a/	3,196		(D)	(D)	

Table 2. Manufacturers' Shipments of Farm Machinery and Lawn and Garden Equipment by Type: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2007		2006	
			Quantity	Value	Quantity	Value
33311E181	Rotary cultivators, ground and power driven.....	5	(D) c/	9,706	(D)	(D)
33311E189	Field cultivators.....	15	b/ 3,441	35,413	b/ 3,137	40,200
33311E191	Other cultivators and weeders, including tool bars (basic units).....	17	b/ 3,199	7,028	b/ 3,210	6,652
33311E199	Attachments for cultivators and weeders (front mounting frame, disc weeders, rear section, and drawbars).....	18	(X) b/	39,378	(X) b/	31,618
33311G	All other farm machinery and equipment (excluding parts).....	(NA)	(X)	1,987,280	(X) r/	1,783,350
33311G pt.	Machines for preparing crops for market or for use.....	(NA)	(X) a/	367,934	(X) a/	260,955
33311G112	Feed grinders and crushers, power.....	10	(D)	(D)	(D)	(D)
33311G114	Feed mixers, farm-size, stationary and portable.....	13	a/ 3,232 b/	92,987	b/ 2,681 b/	73,802
33311G116	Combination grinder-mixers.....	2	(D)	(D)	(D)	(D)
33311G118	Dryers (grain, hay, and seed):					
33311G122	Heated air crop dryers.....	13	c/ 5,046	96,478	b/ 3,661	46,139
33311G122	Crop drying fans (over 15,000 c.f.m. at approximately 1-inch pressure).....	6	7,959	8,134	6,196	5,410
33311G125	Other machines for preparing crops for market or for use (including cotton ginning machinery).....	29	a/ 13,726 a/	105,913	13,242	83,813
33311G126	Attachments for machines for preparing crops for market or for use.....	12	(X)	13,533	(X)	3,560
33311G pt.	Farm poultry equipment.....	(NA)	(X) b/	300,820	(X) a/	298,526
33311G128	Incubators, quantity represents egg capacity in thousands.....	6	a/ 528,551 c/	33,139	a/r/ 495,857 c/	32,550
33311G132	Brooders, floor and hanging (gas, electric, oil, coal, wood, and battery).....	10	(D)	(D)	(D)	(D)
33311G134	Nests and cages.....	6	(D)	(D)	(D)	(D)
33311G136	Poultry feeders (trough, hanging, and mechanical) and waterers (excluding turkey feeders and waterers).....	12	c/ 14,600,230	85,054	c/ 16,082,792	89,414
33311G138	Other farm poultry equipment, including turkey waterers, mechanized egg graders, and egg washers.....	17	(D) b/	114,704	(D) r/	115,207
33311G142	Attachments for farm poultry equipment.....	11	(X)	7,491	(X)	7,708
33311G pt.	Other barn and barnyard equipment.....	(NA)	(X) a/	297,275	(X) a/	291,641
33311G156	Silo and grain bin unloaders, forage and grain, including sealed storage unloaders (farm-type).....	9	1,831	6,868	a/ 2,005	6,236
33311G158	Cattle and dairy barn equipment:					
33311G162	Feeding equipment.....	29	74,146	45,162	90,895	51,377
33311G162	Handling equipment.....	30	2,319,619 a/	91,066	3,944,211 a/	96,791
33311G164	Water equipment.....	21	470,672	42,715	354,115	40,676
33311G166	Other barn and barnyard equipment.....	26	107,798	83,386	c/ 107,470 r/	63,875
33311G168	Attachments for barn and barnyard equipment.....	18	(X) c/	28,078	(X) c/r/	32,686
33311G pt.	Irrigation systems.....	(NA)	(X) b/	456,349	(X) a/	359,422
33311G188	Self-propelled irrigation systems, center-pivot (quantity is in ten-tower equivalents).....	6	b/ 11,624 b/	449,472	(D)	(D)
33311G192	All other systems using 100-foot flexible hose feeder line and over.....	7	c/ 1,399 c/	6,877	(D)	(D)
33311G pt.	Hog equipment.....	(NA)	(X) b/	160,108	(X) a/	182,664
33311G144	Feeding equipment.....	23	c/ 103,931 b/	37,044	c/r/ 153,766 b/	60,430
33311G146	Handling equipment.....	10	(D) a/	51,208	(D) r/	61,717
33311G148	Watering equipment.....	16	(D)	2,981	(D)	2,864
33311G152	Other hog equipment.....	18	a/ 723,247 a/	67,060	a/r/ 569,119 a/	55,648
33311G154	Attachments for hog equipment.....	13	(X)	1,815	(X) r/	2,005
33311G pt.	Farm wagons, and other farm transportation equipment.....	(NA)	(X) a/	184,507	(X) a/	154,672
33311G172	Wagons (chassis only) and trailer gears, excluding motor trucks, 4-wheel.....	21	b/ 16,832 b/	40,017	b/ 14,585 b/	33,265
33311G174	Boxes and racks for mounting on wagons and trailer gears:					
33311G174	Manual unloading or dump.....	11	(D)	(D)	(D)	(D)
33311G176	Gravity unloading, grain-type only.....	9	6,111	15,395	r/ 5,730 r/	14,486
33311G178	Power unloading.....	10	a/ 2,558	37,010	2,431	35,598
33311G182	Boxes with integral running gear, grain- and forage-types.....	8	2,231	37,420	r/ 1,680 r/	25,686
33311G184	Other farm transportation equipment.....	17	4,950	40,984	4,441 a/	34,121

Table 2. Manufacturers' Shipments of Farm Machinery and Lawn and Garden Equipment by Type: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2007		2006	
			Quantity	Value	Quantity	Value
3331123141	Under 16.0 hp (under 12.0 kW).....	3	(D)	(D)	(D)	(D)
3331123155	16.0 hp and over (12.0 kW and over).....	6	342,789	b/ 563,496	(D)	(D)
3331123171	Other consumer riding lawn, garden, and snow equipment.....	5	(D)	(D)	(D)	(D)
3331127 pt.	Parts and attachments for consumer lawn, garden, and snow equipment.....	(NA)	(X)	745,859	(X)	682,472
	Nonriding:					
3331127101	Parts.....	31	(X) b/	94,760	(X) r/	116,208
3331127111	Attachments.....	12	(X) c/	69,780	(X) r/	67,025
	Riding:					
	Parts:					
3331127121	For tractors and riding mowers.....	17	(X) b/	222,900	(X) a/	175,006
3331127131	For other equipment.....	4	(X)	3,968	(X)	4,030
	Attachments:					
3331127141	Rotary mower decks.....	6	(D)	(D)	(D)	(D)
3331127151	Rotary tiller attachments.....	2	(D)	(D)	(D)	(D)
3331127161	Blades, dozer.....	9	(X) c/	19,478	(X) c/	17,546
3331127171	Snow throwers.....	3	(D)	(D)	(D)	(D)
3331127181	Carts and wagons.....	8	(X) c/	48,696	(X) c/	36,836
3331127191	All other attachments.....	21	(X) b/	167,387	(X) a/	178,229
3339228 pt.	Farm elevators.....	(NA)	(X) b/	41,262	(X)	35,407
	Farm elevators, portable:					
3339228653	Single and double chain.....	8	c/ 4,059	c/ 11,306	c/ 3,004	c/ 8,458
3339228655	Auger type.....	7	c/ 5,703	b/ 18,199	c/r/ 5,432	b/r/ 16,715
3339228657	Other farm portable and stationary augers and elevators.....	6	(D)	11,757	(D) b/	10,234
333111C pt.	Parts for farm machinery, for sale separately.....	(NA)	(X)	(D)	(X)	1,663,425
333111C110	Parts for wheel tractors, farm-type.....	13	(D)	(D)	(D)	(D)
333111C pt.	Other parts for farm machinery.....	(NA)	(X) b/	1,390,978	(X)	(D)
333111C221	Parts for farm dairy machines and equipment, replacement units only.....	7	(X)	39,094	(X)	35,644
333111C223	Parts for sprayers and dusters, replacement units only.....	27	(X)	125,290	(X)	121,604
333111C225	Parts for farm blowers.....	5	(X)	1,572	(X) r/	1,363
333111C227	Parts for planting, seeding, and fertilizing machinery, replacement units only.....	57	(X)	103,782	(X)	132,630
333111C229	Parts for harvesting machinery, replacement units only.....	41	(X)	510,805	(X)	435,190
333111C22A	Parts for haying machinery, replacement units only.....	22	(X)	140,009	(X) b/r/	143,951
333111C22B	Parts for plows (excluding plowshares, replacement units only).....	20	(X) c/	28,884	(X)	36,880
333111C22D	Parts for harrows, rollers, pulverizers, and similar equipment, replacement units only.....	36	(X)	51,853	(X)	44,236
333111C22E	Parts for cultivators and weeders, replacement units only.....	26	(X) b/	32,088	(X) a/	29,968
333111C22G	Parts for machines for preparing crops for market or for use, replacement units only.....	29	(X) a/	58,697	(X)	63,718
333111C22H	Parts for farm poultry equipment, replacement units only.....	12	(X)	16,364	(X)	14,557
333111C22J	Parts for barn and barnyard equipment, replacement units only.....	19	(X)	11,092	(X)	15,839
333111C22K	Parts for irrigation systems, replacement units only.....	8	(X) b/	102,689	(X) b/	89,750
333111C22L	Parts for hog equipment, replacement units only.....	13	(X)	6,166	(X)	(D)
333111C22M	Parts for farm transportation equipment, including operator cabs for farm tractors.....	27	(X) b/	110,789	(X) b/	89,082
333111C22N	Parts for stalk shredders, and cutters or rotary mowers (PTO), replacement units only.....	28	(X) b/	51,804	(X)	46,018

D Withheld to avoid disclosing data for individual companies. S Data does not meet publication standards. NA Not available. pt. Partial.
 r/Revised by 5 percent or more from previously published data. 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 Farm Machinery and Equipment: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product description	Manufacturers' shipments		Exports of domestic merchandise 1/		Imports for consumption 2/	
	Quantity	Value	Quantity	Value	Quantity	Value
2007						
Farm-type wheel tractors 3/.....	(D)	(D)	42,755	1,641,558	156,645	2,312,270
Sprayers and dusters (except aerial types) 3/.....	(X)	915,354	(X)	127,306	(X)	70,931
Planting machinery and fertilizer distributors, pull-type or mounted 3/.....	(D)	(D)	29,401	160,717	417,248	97,226
Disc harrows.....	14,659	141,278	2,537	28,050	10,832	15,930
Other harrows, rollers, pulverizers, and similar equipment.....	(D)	(D)	1,612	8,392	34,269	14,366
Combines.....	10,017	1,905,972	5,972	732,872	1,967	73,358
Other harvesting machines.....	(D)	(D)	3,047	86,491	8,904	73,116
Field forage harvesters 3/.....	(D)	(D)	482	8,115	665	61,493
Hay mowers, mower-conditioners and windrowers.....	(D)	(D)	17,134	69,283	39,787	141,773
Other haying machinery.....	23,963	59,249	1,442	47,075	17,497	58,818
Balers, including pickup balers.....	21,883	481,559	6,674	120,463	2,241	55,305
Other plows.....	2,396	15,680	2,407	11,412	359,354	12,722
Cultivators and weeders.....	(X)	94,721	26,082	42,635	325,611	76,095
Machinery for preparing animal feed.....	(D)	(D)	2,894	52,358	108,737	57,342
Other machines for preparing crops for market or for use.....	13,726	105,913	2,007	38,669	8,400	42,895
Farm poultry incubators and brooders.....	(D)	(D)	16,168	26,093	36,070	7,995
Nests and cages (poultry equipment).....	(D)	(D)	77,964	79,728	353,258	31,038
Self-propelled irrigation systems, center-pivot.....	11,624	449,472	2,258	85,693	41	270
All other self-propelled irrigation systems using 100 feet flexible hose feeder line and over.....	1,399	6,877	(X)	267,903	(X)	82,205
Farm wagons and other farm transportation equipment 4/.....	(D)	184,507	(X)	(X)	276,997	26,153
Other commercial and turf grounds mowers.....	89,350	178,833	421,705	160,226	219,740	15,446
Riding turf mowers.....	(D)	(D)	14,326	110,359	10,399	6,802
Snowblowers (snowthrowers).....	709,496	327,359	166,086	120,505	95,503	26,563
Powered lawn and hedge trimmers.....	7,992,331	968,884	1,044,795	139,480	3,303,995	227,839
2006						
Farm-type wheel tractors 3/.....	(D)	(D)	38,724	1,337,113	167,653	2,396,773
Sprayers and dusters (except aerial types) 3/.....	(X)	880,520	(X)	69,762	(X)	25,567
Planting machinery and fertilizer distributors, pull-type or mounted 3/.....	(D)	(D)	31,176	128,655	209,687	71,480
Disc harrows.....	15,535	80,130	1,236	10,513	3,580	2,728

Table 3. Shipments, Exports, and Imports of Farm Machinery and Equipment: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product description	Manufacturers' shipments		Exports of domestic merchandise 1/		Imports for consumption 2/	
	Quantity	Value	Quantity	Value	Quantity	Value
Other harrows, rollers, pulverizers, and similar equipment.....	(D)	(D)	3,811	7,314	16,462	8,966
Combines.....	9,654	1,787,185	5,300	592,757	919	98,868
Other harvesting machines.....	(D)	(D)	4,005	81,605	2,434	47,718
Field forage harvesters 3/.....	(D)	(D)	781	12,154	1,658	60,711
Hay mowers, mower-conditioners and windrowers.....	(D)	(D)	30,807	90,711	46,283	118,404
Other haying machinery.....	24,682	100,707	1,730	50,192	15,481	59,981
Balers, including pickup balers.....	22,119	327,661	7,615	137,858	1,957	35,358
Other plows.....	(D)	(D)	2,760	13,503	2,413	6,305
Cultivators and weeders.....	(X)	(D)	21,311	20,638	267,310	60,711
Machinery for preparing animal feed.....	(D)	(D)	4,206	50,656	59,741	42,040
Other machines for preparing crops for market or for use.....	13,242	83,813	2,013	31,859	64,206	10,198
Farm poultry incubators and brooders.....	(D)	(D)	13,789	20,301	88,152	7,138
Nests and cages (poultry equipment).....	(D)	(D)	100,445	82,719	500,092	35,895
Self-propelled irrigation systems, center-pivot.....	(D)	(D)	1,834	58,972	15	34
All other self-propelled irrigation systems using 100 feet flexible hose feeder line and over.....	(D)	(D)	(X)	264,566	(X)	63,173
Farm wagons and other farm transportation equipment 4/.....	(X)	154,672	(X)	(X)	272,900	20,942
Other commercial and turf grounds mowers.....	90,504	175,159	848,554	246,996	1,212,308	220,384
Riding turf mowers.....	(D)	(D)	21,450	119,333	5,408	7,474
Snowblowers (snowthrowers)..... r/	879,728	r/ 412,266	194,947	134,520	185,676	48,523
Powered lawn and hedge trimmers.....	7,622,214	674,803	1,174,256	128,254	2,856,938	200,014

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

X Not applicable.

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

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

3/These figures for manufacturers shipments exclude attachments and parts.

4/These figures for manufacturers shipments include attachments.

Note: For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
3331111102, 3331123141, 155	Farm-type wheel tractors.....	8701.90.1005 8701.90.1010 8701.90.1015 8701.90.1030 8701.90.1035 8701.90.1040 8701.90.1045 8701.90.1050 8701.90.1055 8701.90.1060 8701.90.1065 8701.90.1070	8701.90.1005 8701.90.1010 8701.90.1015 8701.90.1030 8701.90.1035 8701.90.1040 8701.90.1045 8701.90.1050 8701.90.1055 8701.90.1060 8701.90.1065 8701.90.1070
3331114116, 121, 124, 128, 132, 136, 141, 144, 148, 152, 156, 161, 164, 168, 172	Sprayers and dusters (except aerial types).....	8424.81.1000 8424.81.9030	8424.81.1000 8424.81.9040 8424.81.9090
3331117101, 108, 111, 148	Planting machinery.....	8432.30.0010 8432.30.0090	8432.30.0010 8432.30.0090
3331117118, 121, 128, 131, 138, 141, 151	Fertilizer distributors pull-type or mounted.....	8432.40.0000	8432.40.0000
333111E141, 151, 158, 161, 169	Other harrows, rollers, pulverizers, and similar equipment.....	8432.29.0090	8432.29.0090
333111E149	Disc harrows.....	8432.21.0000	8432.21.0000
3331119101	Combines.....	8433.51.0010 8433.51.0090	8433.51.0010 8433.51.0090
3331119111, 121, 131, 171	Other harvesting machines.....	8433.52.0000 8433.59.0090 8433.53.0000	8433.52.0000 8433.59.0090 8433.53.0000
3331119141, 161	Field forage harvesters.....	8433.59.0010	8433.59.0010
333111A101,	Hay mowers, mower-conditioners and windrowers.....	8433.20.0020	8433.20.0020

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
111, 333111G102, 104, 106, 108		8433.20.0040 8433.20.0060	8433.20.0040 8433.20.0060
333111A141	Other haying machinery.....	8433.30.0000	8433.30.0000
333111A131	Balers, including pickup balers.....	8433.40.0000	8433.40.0000
333111E121	Other plows.....	8432.10.0040 8432.10.0060	8432.10.0040 8432.10.0060
333111E179, 181, 189, 191, 199	Cultivators and weeders.....	8432.29.0040 8432.29.0060 8432.29.0080	8432.29.0040 8432.29.0060 8432.29.0080
333111G112, 114, 116	Machinery for preparing animal feed.....	8436.10.0000	8436.10.0000
333111G125	Other machines for preparing crops for market or for use.....	8419.31.0000 8436.80.0060	8419.31.0000 8436.80.0060
333111G128, 132	Farm poultry incubators and brooders.....	8436.21.0000	8436.21.0000
333111G134	Nests and cages (poultry equipment).....	8436.29.0000 8433.60.0010	8436.29.0000 8433.60.0000
333111G188	Self-propelled irrigation systems, center-pivot.....	8424.81.9010	8424.81.9010
333111G192	All other self-propelled irrigation systems using 100 feet flexible hose feeder line and over.....	8424.81.9020	8424.81.9020
333111G172, 174, 176, 178, 182, 184, 186	Farm wagons and other farm transportation equipment.....	(X)	8716.80.1000
333111J101, 123	Other commercial and turf grounds mowers (including flail and gang mowers).....	8433.19.0040 8433.19.0050 8433.19.0020	8433.19.0040 8433.19.0050 8433.19.0020
333111J106, 111, 116	Riding turf mowers.....	8433.19.0010 8433.19.0030	8433.19.0010 8433.19.0030

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
3331121136, 141	Snowblowers (snowthrowers).....	8430.20.0060	8430.20.0060
3331121146, 151	Powered lawn and hedge trimmers.....	8467.89.5030	8467.89.5030

X Not applicable.

1/Source: 2006 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, (2007).

HISTORICAL NOTE

The Census Bureau has collected data on farm machinery and equipment since 1920, and data on lawn and garden equipment since 1978.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.