

U.S. Census Bureau
Farm Machinery and Lawn and Garden Equipment - 2009 REVISED
MA333A(09)-1 (RV)
Issued August 2010

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 Wei Ouyang, 301-763-4203.

These data are also available online through STAT-USA by subscription. For further information, visit <http://www.stat-usa.gov/> or call 1-800-STAT-USA.

Table 1. Value of Shipments of Farm Machinery and Lawn and Garden Equipment by Type of Equipment: 2009 to 2005 [Value in millions of dollars]

Product class code	Product description	Year		Value
3331111	Wheel tractors (excluding contractors' off-highway wheel tractors, garden tractors, turf tractors, and motor tillers) and attachments	2009		5,565
		2008		(D)
		2007		(D)
		2006		(D)
		2005		(D)
3331114	Farm dairy machines, sprayers, dusters, and farm blowers	2009	a/	1,541
		2008	a/r/	1,625
		2007	c/	1,067
		2006		1,026
		2005		1,288
3331117	Planting, seeding, and fertilizing machinery	2009		1,429
		2008	c/	1,458
		2007	c/	1,056
		2006		943
		2005		1,266
3331119	Harvesting machinery	2009	b/	4,163
		2008		3,925
		2007		3,006
		2006		2,703
		2005		3,526
333111A	Haying machinery	2009	c/	1,268
		2008		1,568
		2007		1,534
		2006		1,132
		2005		1,301
333111E	Plows, harrows, rollers, pulverizers, cultivators, and weeders	2009	a/	617
		2008	a/	669
		2007	a/	438
		2006		(D)
		2005		(D)
333111G	Farm poultry, hog equipment, irrigation systems, stalk shredder and cutters or rotary mowers farm wagons and other transportation equipment all other farm machinery and equipment including other barn and barnyard equipment	2009	c/	2,158
		2008	a/r/	2,721
		2007		(NA)
		2006		(NA)
		2005		(NA)
333111J	Commercial turf and grounds care equipment	2009		1,826
		2008	c/	2,526
		2007	c/	2,616
		2006		2,197
		2005		2,349
3331121	Consumer nonriding lawn, garden, and snow equipment	2009		2,995
		2008	a/r/	3,208

		2007		(S)
		2006		2,794
		2005		3,270
3331123	Consumer riding lawn, garden, and snow equipment	2009	a/	2,313
		2008	a/r/	2,925
		2007		(S)
		2006		2,968
		2005		3,839
3339228 (pt.)	Farm elevators	2009	b/	24
		2008		(S)
		2007	c/	43
		2006		35
		2005		(NA)
333111C	Parts for farm machinery 1/	2009	a/	2,711
		2008	b/r/	2,351
		2007	c/	2,039
		2006		1,663
		2005		(NA)
3331127	Parts and attachments for consumer riding and nonriding lawn, garden, and snow equipment	2009	c/	645
		2008	a/	648
		2007		731
		2006		(NA)
		2005		(NA)

Footnotes:

1/ Combined parts for wheel tractors and other farm machinery

Table 2. Manufacturers' Shipments of Farm Machinery and Lawn and Garden Equipment by Type: 2009 and 2008
[Quantity in units. Value in thousands of dollars]

Product code	Product description	Year	No. of cos.	Quantity		Value
3331111	Wheel tractors (excluding contractors' off-highway wheel tractors, garden tractors, turf tractors, and motor tillers) and attachments	2009	(X)	(X)		5,564,650
		2008		(X)		(D)
3331111102	Farm-type wheel tractors, (PTO hp)	2009	7	(D)		(D)
		2008		(D)		(D)
3331111111	Attachments for farm-type wheel tractors	2009	14	(X)		(D)
		2008		(X)		(S)
3331114 pt.	Farm-type dairy machines and equipment	2009	(X)	(X)		131,263
		2008		(X)		166,835
3331114101	Milking machines, complete, including suspended and floor-type bucket, single, and double unit for mechanical installations	2009	2	(D)		(D)
		2008		(D)		(D)
3331114104	Pipeline milking units, complete, including claws, shells, inflations, air tubes, with or without pulsator for mechanical installations	2009	3	(D)		(D)
		2008		(D)		(D)
3331114106	Other farm dairy machines and equipment for mechanical installations	2009	10	(D)		(D)
		2008		(D)		(D)
3331114108	Attachments for farm dairy machines and equipment	2009	4	(X)		(D)
		2008		(X)		(D)
3331114 pt.	Sprayers and dusters	2009	(X)	(X)	a/	1,400,104
		2008		(X)	a/r/	1,447,045
3331114116	Self-propelled field and row crop types of power sprayers	2009	11	7,338		1,093,904
		2008		7,013	r/	1,115,449
3331114121	Tractor mounted field and row crop types of power sprayers	2009	14	(S)	a/	68,350
		2008	c/r/	4,276	a/	63,669
3331114124	Other than tractor mounted, piston pump type, and power take-off	2009	3	(D)		(D)

	driven types of power sprayers	2008			(D)		(D)
3331114128	Other than tractor mounted and nonpiston pump type of power sprayers	2009	11	c/	756	a/	9,040
		2008		c/	1,173	a/	11,745
3331114132	Other power sprayers over 4 g.p.m.	2009	2		(D)		(D)
		2008			(D)		(D)
3331114136	Power take-off driven and other than row crop and field types over 4 g.p.m. for power sprayers	2009	4		(S)		(S)
		2008		b/	315	b/	3,250
3331114141	Engine-driven and other than row crop and field types over 4 g.p.m. for power sprayers	2009	9		(S)		(S)
		2008			(S)	c/	7,347
3331114144	Air carried type of power sprayers (field, row crop, and orchard types)	2009	3		(D)		(D)
		2008			(D)		(D)
3331114148	Portable foggers and mist sprayers	2009	4		(D)		(D)
		2008			(D)		(D)
3331114152	Hand-pulled and garden-type sprayers, 4 g.p.m. and under	2009	10		(S)		(S)
		2008		c/	145,894	a/	39,841
3331114156	Agricultural hand sprayers under 1 gallon	2009	3	a/	606,751	a/	2,812
		2008			791,842		3,250
3331114161	Agricultural hand sprayers, compressed air or gas types, 1 gallon and over	2009	6		7,848,662	a/	107,889
		2008			8,641,230	a/	120,389
3331114164	Other agricultural hand sprayers, including knapsack, hose end and flame sprayers, and sprayer pump types, 1 gallon and over	2009	7	b/	459,654		(S)
		2008			490,727		25,237
3331114168	All types of hand and power operated dusters	2009	5	a/	93,915	a/	706
		2008		a/	98,161		964
3331114172	All other sprayers	2009	4		(X)		(D)
		2008			(X)		(D)
3331114176	Attachments for sprayers and dusters	2009	14		(X)		26,541
		2008			(X)		25,214
3331114 pt.	Farm blower	2009	(X)		(X)		(S)

		2008			(X)		11,581
3331114192	Farm blowers, including forage blowers, combination grain and forage blowers	2009	5		(D)		(D)
		2008			(D)		(D)
3331114194	Attachments for farm blowers	2009	3		(X)		(D)
		2008			(X)		(D)
3331117	Planting, seeding, and fertilizing machinery	2009	(X)		(X)		1,428,710
		2008			(X)	c/	1,457,870
3331117101	Pull and mounted type corn planters, corn and cotton planters, and lister planters	2009	7		(D)		(D)
		2008			(D)		(D)
3331117108	Grain drills (fixed frame) of all types	2009	13		7,014		104,709
		2008		a/r/	7,840		181,258
3331117111	Transplanters (pull-type or mounted) and broadcast seeders (end-gate, mounted and drawn)	2009	3		(D)		(D)
		2008		b/	6,619	b/	5,097
3331117118	Dry fertilizer distributors (pull-type or mounted), including lime spreaders	2009	28		(S)	c/	65,169
		2008			(S)	c/r/	66,137
3331117121	Liquid fertilizer distributors (pull-type or mounted) and anhydrous ammonia	2009	14	a/	5,838	c/	47,796
		2008		c/	9,321	c/	44,507
3331117128	Rear discharge manure spreaders	2009	13	a/	3,843		44,988
		2008		b/r/	7,226	b/	70,711
3331117131	Side discharge manure spreaders	2009	4		1,355		33,013
		2008			2,385		51,984
3331117138	Liquid manure pumps	2009	6		337		2,864
		2008		c/	758		3,321
3331117141	Farm-type manure and general utility front and rear tractor mounted loaders (excluding beet and sugar cane loaders)	2009	8	c/	22,595	a/	63,998
		2008		b/r/	35,433	a/	102,902
3331117148	Row crop unit planters (quantity in rows)	2009	11		(D)		(D)

		2008			(D)	(D)
3331117151	Other planting, seeding, and fertilizing machinery	2009	27	a/	26,541	a/ 358,163
		2008		a/	27,423	a/r/ 319,893
3331117158	Attachments for planting, seeding, and fertilizing machinery	2009	20		(X)	a/ 42,753
		2008			(X)	a/ 48,494
3331119	Harvesting machinery	2009	(X)		(X)	b/ 4,162,605
		2008			(X)	3,925,017
3331119101	Combines (harvester-threshers) and grain-types only (self-propelled and pull-type)	2009	8		(D)	(D)
		2008			(D)	(D)
3331119111	Small grain header for combines, all sizes	2009	5		12,348	298,803
		2008			(D)	(D)
3331119121	Corn heads, all sizes	2009	7		(D)	(D)
		2008			(D)	(D)
3331119131	Other grain-type combines	2009	1		(D)	(D)
		2008			(D)	(D)
3331119141	Shear bar, self-propelled type, and pull-type (basic machines) for field forage harvesters	2009	2		(D)	(D)
		2008			(D)	(D)
3331119161	Flail-type (horizontal knives or vertical free-swinging knives or hammers), including discharge spouts	2009	5		107	2,409
		2008			97	1,454
3331119171	Other harvesting machinery, including potato diggers, cane harvesting equipment, and picker-shellers	2009	31	b/	2,548	b/ 269,847
		2008		c/	3,453	b/r/ 407,530
3331119182	Attachments for harvesting machinery and shear bar type forage harvesters, including platform and seeder, reel, straw spreaders, load levelers, weed stripper, grate unit, knife grinders, and stalk walkers	2009	17		(X)	(D)
		2008			(X)	(D)
333111A	Haying machinery	2009	(X)		(X)	c/ 1,268,324
		2008			(X)	1,567,530
333111A101	Mowers, cutter bar type, including drum and disk	2009	7		(D)	(D)
		2008			(D)	(D)

333111A111	Mower-conditioners and windrowers with conditioner auger and draper-type (pull-type and self-propelled)	2009	7	a/	10,821	c/	336,071
		2008		r/	11,525	r/	375,676
333111A121	Rakes, side delivery, cylinder type, and finger wheel type	2009	8		(D)		(D)
		2008			(D)		(D)
333111A131	Hay balers, hay stackers, (field type), hay bale loaders, bale throwing attachments	2009	10		17,350		430,613
		2008			26,335		667,687
333111A141	Other haying machinery	2009	14	a/	14,399		(S)
		2008		a/r/	21,581		(S)
333111A151	Other attachments for haying machinery (stripper, bale chute and knife attachments)	2009	11		(X)		(D)
		2008			(X)		(D)
333111E pt.	Plows (primary tillage equipment)	2009	(X)		(X)		72,295
		2008			(X)	a/	121,258
333111E101	Subsoilers, deep tillage	2009	21	a/	1,786	a/	11,404
		2008		b/	1,788	a/	17,382
333111E109	Terracing and ditching plows	2009	7		306		800
		2008			(S)	c/	1,219
333111E111	Deep tillage pull-type chisel plows (chisel or sweep type)	2009	10	c/	1,262	a/	37,557
		2008			2,612		73,533
333111E119	Deep tillage mounted chisel plows (chisel or sweep type)	2009	7		(D)		(D)
		2008			369	b/	464
333111E121	Other plows (excluding snow plows)	2009	8	c/	1,337		6,928
		2008		c/	2,470		11,461
333111E159	Middlebusters and disc bedders	2009	11	c/	1,179	a/	3,978
		2008			(S)	a/	4,985
333111E131	Attachments for plows (coulters, jointers, root cutters, subsoilers, fertilizer distributors, etc.), excluding lister planting attachments	2009	15		(X)		10,578
		2008			(X)	r/	10,367

333111E139	Plowshares (quantity in thousands of pounds)	2009	4		(D)		(D)
		2008			(S)	c/	1,847
333111E pt.	Harrows, rollers, pulverizers, and similar equipment (secondary tillage)	2009	(X)		(X)	a/	365,187
		2008			(X)	a/	364,052
333111E141	Spike-tooth harrow sections, spring-tooth, and tine-tooth harrow sections	2009	17		(S)	c/	13,822
		2008			(S)	c/	20,040
333111E149	Disc harrows, single, tandem, and offset	2009	22		7,342		171,434
		2008		a/r/	11,381		180,896
333111E151	Combination tillage equipment, roller/harrows, disc or coulter/field cultivators, disc or coulter/spring tooth	2009	20		(S)		94,412
		2008		c/	7,093		70,002
333111E158	Blade terracers or scrapers (farm-size)	2009	25	c/	14,047	a/	19,920
		2008		b/	21,891		23,357
333111E161	Land levelers	2009	15	b/	3,073		25,647
		2008		b/	2,214		29,216
333111E169	Other harrows, rollers, pulverizers, and similar equipment	2009	18		8,849	a/	18,188
		2008		a/	7,688	a/	17,700
333111E171	Attachments for harrows, rollers, pulverizers, and similar equipment	2009	13		(X)	c/	21,764
		2008			(X)	c/r/	22,841
333111E pt.	Cultivators and weeders secondary tillage	2009	(X)		(X)	c/	179,209
		2008			(X)	a/r/	183,577
333111E179	Corn and cotton type cultivators, shank and sweep type (front and rear mounted)	2009	8		(D)		(D)
		2008			(S)	b/	4,060
333111E181	Rotary cultivators, ground and power driven	2009	4		(D)		(D)
		2008			(D)		(D)
333111E189	Field cultivators	2009	13		(D)		(D)
		2008			(D)		(D)
333111E191	Other cultivators and weeders, including tool bars (basic units)	2009	13		(D)		(D)
		2008		c/	4,335	a/	8,889

333111E199	Attachments for cultivators and weeders (front mounting frame, disc weeders, rear section, and drawbars)	2009	10			(X)		(S)
		2008				(X)	a/	58,376
333111G pt.	Machines for preparing crops for market or for use	2009	(X)			(X)	c/	566,704
		2008				(X)	a/r/	647,976
333111G112	Feed grinders and crushers, power	2009	10			957		39,957
		2008				a/ 1,416	a/	60,914
333111G114	Feed mixers, farm-size, stationary and portable	2009	10	b/		1,710	a/	52,392
		2008				3,612		106,272
333111G118	Heated air crop dryers (grain, hay, and seed)	2009	11	a/		3,832		101,525
		2008				3,123	r/	73,236
333111G122	Crop drying fans for grain, hay, and seed (over 15,000 c.f.m. at approximately 1-inch pressure)	2009	7			10,037		12,276
		2008				9,754		11,786
333111G123	Other machines for preparing crops for market or for use (including cotton ginning machinery and combination grinder-mixers)	2009	31			(S)		(S)
		2008				(S)	r/	383,719
333111G126	Attachments for machines for preparing crops for market or for use	2009	13			(X)		13,595
		2008				(X)	r/	12,049
333111G pt.	Farm poultry equipment	2009	(X)			(X)	a/	208,266
		2008				(X)	a/	321,120
333111G128	Incubators (quantity represents egg capacity in thousands)	2009	4	a/		485,900		(S)
		2008				a/ 461,389		(S)
333111G132	Brooders, floor and hanging (gas, electric, oil, coal, wood, and battery)	2009	6			(D)		(D)
		2008				c/ 159,823	r/	29,465
333111G134	Nests and cages	2009	5			(D)		(D)
		2008				(D)		(D)
333111G136	Poultry feeders (trough, hanging, and mechanical) and waterers (excluding turkey feeders and waterers)	2009	10			(S)	a/	72,799
		2008				(S)		100,194
333111G138	Other farm poultry equipment, including turkey waterers, mechanized egg graders, and egg washers	2009	14			(D)		(D)
		2008				(D)		(D)

333111G142	Attachments for farm poultry equipment	2009	10		(X)		7,408
		2008			(X)		8,107
333111G pt.	Other barn and barnyard equipment	2009	(X)		(X)	c/	410,491
		2008			(X)	a/r/	463,651
333111G156	Silo and grain bin unloaders, including sealed storage unloaders (farm-type)	2009	11	a/	1,890		(S)
		2008		a/r/	2,292		29,381
333111G158	Cattle and dairy barn feeding equipment	2009	25		60,293		37,319
		2008			62,364	r/	44,109
333111G162	Cattle and dairy barn handling equipment	2009	27	c/	629,763	a/	61,893
		2008			699,303		84,992
333111G164	Cattle and dairy barn water equipment	2009	19		(S)	c/	36,159
		2008			425,670		39,656
333111G166	Other barn and barnyard equipment	2009	26	b/	110,754		(S)
		2008		a/r/	224,402	r/	237,645
333111G168	Attachments for barn and barnyard equipment	2009	17		(X)		(S)
		2008			(X)		(S)
333111G pt.	Irrigation systems	2009	(X)		(X)	c/	438,161
		2008			(X)	r/	623,656
333111G188	Self-propelled irrigation systems, center-pivot (quantity is in ten-tower equivalents)	2009	6	c/	10,589	c/	430,012
		2008		a/r/	15,926	r/	610,876
333111G192	All other self propelled irrigation systems using 100-foot flexible hose feeder line and over	2009	6	c/	257	a/	8,149
		2008		c/	397	a/r/	12,780
333111G pt.	Hog equipment	2009	(X)		(X)		(S)
		2008			(X)	a/r/	166,030
333111G144	Feeding equipment	2009	20		(S)		(S)
		2008			(S)	r/	56,777
333111G146	Handling equipment	2009	9		(D)		(D)
		2008			(D)		(D)

333111G148	Watering equipment	2009 2008	14	a/	62,236 (D)	b/	1,026 (D)
333111G152	Other hog equipment	2009 2008	10	a/ a/	177,618 397,570		(S) 70,405
333111G154	Attachments for hog equipment	2009 2008	10		(X) (X)	a/	(D) 1,684
333111G pt.	Farm wagons, and other farm transportation equipment	2009 2008	(X)		(X) (X)	a/	238,658 235,242
333111G172	Wagons (chassis only) and trailer gears, excluding motor trucks, 4-wheel	2009 2008	18	c/ b/	14,107 17,945	a/	39,654 42,957
333111G174	Manual unloading or dump boxes and racks for mounting on wagons and trailer gears	2009 2008	9	a/	(S) 2,101	c/	8,328 11,264
333111G176	Gravity unloading and grain-type only boxes and racks for mounting on wagons and trailer gears	2009 2008	8		6,457 5,937	r/	20,666 17,742
333111G178	Power unloading boxes and racks for mounting on wagons and trailer gears	2009 2008	7	r/	1,717 2,828		51,306 57,506
333111G182	Grain and forage type boxes with integral running gear	2009 2008	6		3,592 2,717		73,249 47,737
333111G184	Other farm transportation equipment	2009 2008	16	b/ b/	4,417 5,843		38,564 51,447
333111G186	Attachments for farm transportation equipment	2009 2008	7		(X) (X)	b/ r/	6,891 6,589
333111G pt.	Stalk shredders and cutters or rotary mowers (PTO)	2009 2008	(X)		(X) (X)	b/ c/	193,305 263,556
333111G102	Flail type (without spout)	2009 2008	10	c/ a/	1,238 1,961	c/ c/	20,936 31,512
333111G104	Horizontal blade type, 66 inches cutting width and under	2009 2008	17		(S) (S)	c/	(S) 45,362

333111G106	Horizontal blade type, over 66 inches up to 100 inches cutting width	2009	14		(S)		(S)
		2008		c/	38,773	c/	61,794
333111G108	Horizontal blade type, over 100 inches cutting width	2009	12		(S)		(S)
		2008		b/	11,729	c/	124,888
333111J pt.	Commercial turf and grounds mowing equipment	2009	(X)		(X)		1,449,670
		2008			(X)	c/	1,976,969
333111J101	Powered nonriding mowers	2009	14		38,667		86,155
		2008			58,190		125,117
333111J106	Riding reel-type turf mowers, including greens mowers	2009	5		(D)		(D)
		2008			(D)		(D)
333111J111	Riding rotary turf mowers	2009	19		126,600		797,800
		2008			180,175	r/	1,142,303
333111J116	Gang rotary cutting units, reel and rotary, individual sections	2009	6		(D)		(D)
		2008			(D)		(D)
333111J123	Other mowing equipment, including flail mower, cutting units, including gang	2009	8		(S)		(S)
		2008			(S)		(S)
333111J131	Parts for commercial turf and grounds mowing equipment	2009	31		(X)	a/	203,042
		2008			(X)		194,545
333111J136	Attachments for commercial turf and grounds mowing equipment	2009	19		(X)	c/	62,882
		2008			(X)	b/	81,490
333111J pt.	Other commercial turf and grounds care equipment	2009	(X)		(X)	a/	376,131
		2008			(X)		(S)
333111J146	Seeders, spreaders, and top dresser attachments	2009	13		(D)		(D)
		2008			(D)		(D)
333111J151	Aerators, spikers, and pluggers	2009	12		10,608	a/	21,741
		2008		c/	14,181		32,027
333111J156	Dethatchers	2009	8		(D)		(D)
		2008			(D)		(D)

333111J161	Power brooms, blowers, vacuums, and sweepers	2009	8		(D)	(D)
		2008		a/	18,973	28,915
333111J175	Other commercial turf and grounds care equipment including trap rakes, transport trailers, turf tractors and trucks, sod cutters and sod harvesters, and irrigation systems (excluding agricultural and residential)	2009	22		104,824	212,651
		2008		a/	106,956	341,764
333111J176	Parts for other commercial turf and grounds care equipment	2009	23		(X)	c/ 26,181
		2008			(X)	32,801
333111J181	Attachments for other commercial turf and grounds care equipment	2009	13		(X)	(S)
		2008			(X)	c/ 61,820
3331121	Consumer nonriding lawn, garden, and snow equipment	2009	(X)		(X)	2,995,312
		2008			(X)	a/r/ 3,208,335
3331121104	Reel (powered and nonpowered) and rotary lawnmowers, push-type, gas powered	2009	9		(D)	(D)
		2008			3,231,516	462,382
3331121106	Rotary self-propelled lawnmowers, gas-powered	2009	12		2,362,374	603,127
		2008			2,130,622	561,679
3331121121	Lawnmowers, electric, all types, including battery-powered	2009	1		(D)	(D)
		2008			(D)	(D)
3331121126	Rotary garden motor tillers	2009	12		345,865	110,419
		2008			370,499	103,313
3331121131	2-wheel tractors walking type (excluding rotary tillers)	2009	3		(D)	(D)
		2008			(D)	(D)
3331121136	Single stage snow throwers (snow blowers) (excluding attachment-type)	2009	7		459,725	165,780
		2008			434,778	158,182
3331121141	Dual stage snow throwers (snow blowers) (excluding attachment-type)	2009	5		591,447	306,338
		2008			493,702	276,709
3331121146	Fixed blade powered lawn edgers/trimmers	2009	9		724,324	118,439
		2008		r/	788,080	r/ 123,150

3331121151	Other than fixed blade powered lawn edgers/trimmers	2009	12			5,179,793		506,281
		2008				5,852,768		555,988
3331121156	Shredders and shredder-grinders	2009	7			(D)		(D)
		2008		r/		190,472	r/	49,365
3331121161	Yard vacuums and blowers	2009	9			3,287,600		290,873
		2008				3,521,626	r/	322,644
3331121166	Other consumer nonriding lawn, garden, and snow equipment	2009	16			7,325,920		452,441
		2008				7,053,942	b/	589,552
3331123	Consumer riding lawn, garden, and snow equipment	2009	(X)			(X)	a/	2,313,386
		2008				(X)	a/r/	2,924,582
3331123108	Front engine lawn tractors and riding mowers	2009	8			885,267		1,161,796
		2008				1,269,330		1,574,166
3331123125	Rear engine lawn tractors and riding mowers	2009	11			194,876	a/	477,732
		2008				242,024		530,829
3331123141	Garden tractors, under 16.0 hp (under 12.0 kW)	2009	3			(D)		(D)
		2008				(D)		(D)
3331123155	Garden tractors, 16.0 hp and over (12.0 kW and over)	2009	6			(D)		(D)
		2008				(D)		(D)
3331123171	Other consumer riding lawn, garden, and snow equipment	2009	7			(S)		(S)
		2008				(S)		(S)
3331127 pt.	Parts and attachments for consumer nonriding lawn, garden, and snow equipment	2009	(X)			(X)	a/	201,029
		2008				(X)	a/r/	199,941
3331127101	Parts for consumer nonriding lawn, garden, and snow equipment	2009	24			(X)		101,544
		2008				(X)	r/	92,129
3331127111	Attachments for consumer nonriding lawn, garden, and snow equipment	2009	10			(X)	b/	99,485
		2008				(X)	b/r/	107,812
3331127 pt.	Parts and attachments for consumer riding lawn, garden, and snow equipment	2009	(X)			(X)	c/	443,716
		2008				(X)	b/	447,822

3331127121	Parts for consumer riding tractors and riding mowers	2009	16			(X)	c/	211,747
		2008				(X)	b/	217,736
3331127131	Parts for other consumer riding equipment	2009	5			(X)		(D)
		2008				(X)		(D)
3331127141	Attachments for consumer riding rotary mower decks	2009	8			(X)	c/	16,726
		2008				(X)		(S)
3331127151	Attachments for consumer riding rotary tillers	2009	2			(X)		(D)
		2008				(X)		(D)
3331127161	Attachments for consumer riding blades and dozers	2009	5			(X)		(S)
		2008				(X)		18,690
3331127171	Attachments for consumer riding snow throwers	2009	3			(X)		(D)
		2008				(X)		(D)
3331127181	Attachments for consumer riding carts and wagons	2009	5			(X)		(S)
		2008				(X)		34,557
3331127191	All other attachments for consumer riding lawn, garden, and snow equipment	2009	16			(X)	a/	151,531
		2008				(X)		142,913
3339228 pt.	Farm elevators	2009	(X)	a/		8,679	b/	23,902
		2008						(S)
3339228653	Single and double chain for portable farm elevators	2009	7	a/		369	a/	1,173
		2008						(S)
3339228655	Auger types for portable farm elevators	2009	5	c/		2,146	c/	12,397
		2008						(S)
3339228657	Other portable and stationary augers and farm elevators	2009	7			6,164		10,332
		2008						10,984
333111C110	Parts for farm-type wheel tractors	2009	17			(X)	a/	866,103
		2008				(X)	a/	557,879
333111C pt.	Other parts for farm machinery	2009	(X)			(X)	a/	1,844,943
		2008				(X)	b/r/	1,793,492

333111C221	Parts for farm dairy machines and equipment, replacement units only	2009	9	(X)		33,695
		2008		(X)		39,793
333111C223	Parts for sprayers and dusters, replacement units only	2009	22	(X)	b/	154,450
		2008		(X)		147,070
333111C225	Parts for farm blowers	2009	5	(X)		(S)
		2008		(X)		(S)
333111C227	Parts for planting, seeding, and fertilizing machinery, replacement units only	2009	55	(X)	a/	134,652
		2008		(X)		r/ 116,421
333111C229	Parts for harvesting machinery, replacement units only	2009	37	(X)		673,262
		2008		(X)		r/ 666,543
333111C22A	Parts for haying machinery, replacement units only	2009	23	(X)		157,620
		2008		(X)		168,849
333111C22B	Parts for plows (excluding plowshares) replacement units only	2009	17	(X)	a/	35,397
		2008		(X)		b/r/ 45,392
333111C22D	Parts for harrows, rollers, pulverizers, and similar equipment, replacement units only	2009	29	(X)		34,406
		2008		(X)		r/ 46,425
333111C22E	Parts for cultivators and weeders, replacement units only	2009	24	(X)		74,318
		2008		(X)		34,272
333111C22G	Parts for machines for preparing crops for market or for use, replacement units only	2009	24	(X)	a/	60,308
		2008		(X)		b/ 70,270
333111C22H	Parts for farm poultry equipment, replacement units only	2009	8	(X)		(D)
		2008		(X)		15,829
333111C22J	Parts for barn and barnyard equipment, replacement units only	2009	17	(X)		(S)
		2008		(X)		r/ 15,506
333111C22K	Parts for irrigation systems, replacement units only	2009	8	(X)	c/	310,027
		2008		(X)		r/ 229,979
333111C22L	Parts for hog equipment, replacement units only	2009	10	(X)		2,097
		2008		(X)		4,126

333111C22M	Parts for farm transportation equipment, including operator cabs for farm tractors	2009	21	(X)		(D)
		2008		(X)	b/	136,182
333111C22N	Parts for stalk shredders, and cutters or rotary mowers (PTO), replacement units only	2009	21	(X)	c/	52,135
		2008		(X)	c/	55,102

Table 3. Shipments, Exports, and Imports of Farm Machinery and Equipment: 2009 and 2008
[Quantity in units. Value in thousands of dollars]

Product code 1/	Product description	Year	Manufacturers' shipments			Exports of domestic merchandise 2/		Imports for consumption 3/	
			Quantity		Value	Quantity	Value	Quantity	Value
333110000A	Farm-type wheel tractors 4/	2009	(D)		(D)	31,667	1,471,590	93,280	1,779,923
		2008	(D)		(D)	56,606	2,391,869	147,558	2,500,563
333111410T	Sprayers and dusters (exclude aerial types) 4/	2009	(X)	a/	1,373,563	(X)	223,177	(X)	63,472
		2008	(X)	a/t/	1,421,831	(X)	268,797	(X)	83,922
333111710T	Planting machinery 4/	2009	78,268	a/	769,966	18,607	176,578	158,006	150,315
		2008	81,122	a/	749,921	22,985	237,795	120,725	76,934
333111710A	Fertilizer distributors, pull-type or mounted 4/	2009	b/	71,006	a/	615,991	6,181	34,046	52,798
		2008	b/	93,649	a/	659,455	5,731	34,749	183,440
333111E10T	Other harrows, rollers, pulverizers, and similar equipment	2009	c/	45,355	171,989	3,149	7,645	14,304	7,993
		2008	c/	53,035	160,315	4,258	12,941	25,832	13,055
333111E149	Disc harrows, single, tandem, and offset	2009		7,342	171,434	1,803	23,653	10,137	7,948
		2008	a/t/	11,381	180,896	3,488	43,714	32,982	23,777
3331119101	Combines (harvester-threshers), grain-types only (self-propelled and pull-type)	2009	(D)		(D)	7,305	998,203	667	63,557
		2008	(D)		(D)	8,041	1,049,055	2,077	101,960
333111910T	Other harvesting machines	2009	(D)		(D)	2,547	72,027	17,406	86,756
		2008	(D)		(D)	3,622	94,107	34,884	107,375
333111910A	Field forage harvesters 4/	2009	(D)		(D)	970	15,855	494	88,352
		2008	(D)		(D)	1,067	17,514	583	85,949
333111000T	Hay mowers, mower-conditioners and windrowers	2009	(D)		(D)	12,651	48,596	25,381	100,959
		2008	(D)		(D)	21,569	72,462	50,754	164,645
333111A141	Other haying machinery	2009	a/	14,399	(S)	1,682	54,480	13,594	58,387
		2008	a/t/	21,581	(S)	2,314	75,358	15,202	64,297
333111A131	Hay balers, hay stackers, (field type), hay bale loaders, bale throwing attachments	2009	17,350		430,613	7,237	124,978	1,852	62,348
		2008	26,335		667,687	8,722	153,191	1,731	48,322
333111E121	Other plows (excluding snow plows)	2009	c/	1,337	6,928	2,022	25,512	2,239	12,285

Table 3. Shipments, Exports, and Imports of Farm Machinery and Equipment: 2009 and 2008
[Quantity in units. Value in thousands of dollars]

Product code 1/	Product description	Year 2008	Manufacturers' shipments			Exports of domestic merchandise 2/		Imports for consumption 3/		
			c/	Quantity 2,470		Value 11,461	Quantity 2,317	Value 31,004	Quantity 66,602	Value 14,322
333111E10A	Cultivators and weeders	2009		(X)	c/	179,209	30,384	33,050	335,744	76,200
		2008		(X)	a/r/	183,577	49,281	65,809	382,011	77,483
333111G11T	Machinery for preparing animal feed	2009	a/	2,667	a/	92,349	2,730	54,414	137,746	40,856
		2008		5,028		167,186	3,125	56,871	172,384	65,030
333111G123	Other machines for preparing crops for market or for use (including cotton ginning machinery and combination grinder-mixers)	2009		(S)		(S)	3,040	49,853	34,898	10,700
		2008		(S)	r/	383,719	3,539	66,519	32,020	4,210
333111G10T	Farm poultry incubators and brooders	2009		(D)		(D)	31,647	19,296	34,618	3,978
		2008	b/	621,212	c/r/	54,426	36,425	29,318	67,904	3,868
333111G134	Nests and cages	2009		(D)		(D)	41,151	63,485	614,728	46,817
		2008		(D)		(D)	56,355	85,259	531,504	55,057
333111G188	Self-propelled irrigation systems, center-pivot (quantity is in ten-tower equivalents)	2009	c/	10,589	c/	430,012	2,402	97,267	89	183
		2008	a/r/	15,926	r/	610,876	3,981	156,970	4	761
333111G192	All other self-propelled irrigation systems using 100 feet flexible hose feeder line and over	2009	c/	257	a/	8,149	(X)	256,894	(X)	46,343
		2008	c/	397	a/r/	12,780	(X)	372,110	(X)	476,336
333111G10A	Farm wagons and other farm trans- portation equipment 5/	2009		(X)		238,658	(X)	(X)	222,894	19,018
		2008		(X)	a/	235,242	(X)	(X)	231,697	22,121
333111J10T	Other commercial and turf grounds mowers	2009	b/	49,654	b/	122,161	275,626	114,164	247,485	14,916
		2008	a/	70,403	a/	164,059	399,026	155,669	344,591	20,760
333111J10A	Riding turf mowers	2009		(D)		(D)	8,894	76,404	5,930	1,859
		2008		(D)		(D)	17,388	117,433	5,941	10,051
333112110T	Snowblowers (snowthrowers)	2009		1,051,172		472,118	304,188	208,638	147,612	34,078
		2008		928,480		434,891	249,425	175,539	81,719	25,180
333112110A	Powered lawn and hedge trimmers	2009		5,904,117		624,720	993,287	144,024	3,203,042	183,820

Table 3. Shipments, Exports, and Imports of Farm Machinery and Equipment: 2009 and 2008
[Quantity in units. Value in thousands of dollars]

Product code 1/	Product description	Year 2008	Manufacturers' shipments		Value	Exports of domestic merchandise 2/		Imports for consumption 3/	
			Quantity	r/		Quantity	Value	Quantity	Value
			6,640,848	r/	679,138	1,173,306	168,806	2,777,865	205,072

Footnotes:

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

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

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

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

5/ These figures for manufacturers shipments include attachments.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
333110000A	3331111102	Farm-type wheel tractors	8701.90.1005	8701.90.1005
	3331123141		8701.90.1010	8701.90.1010
	3331123155		8701.90.1015	8701.90.1015
			8701.90.1030	8701.90.1030
			8701.90.1035	8701.90.1035
			8701.90.1040	8701.90.1040
			8701.90.1045	8701.90.1045
			8701.90.1050	8701.90.1050
			8701.90.1055	8701.90.1055
			8701.90.1060	8701.90.1060
			8701.90.1065	8701.90.1065
			8701.90.1070	8701.90.1070
333111410T	3331114116	Sprayers and dusters (exclude aerial types)	8424.81.1000	8424.81.1000
	3331114121		8424.81.9030	8424.81.9040
	3331114124			8424.81.9090
	3331114128			
	3331114132			
	3331114136			
	3331114141			
	3331114144			
	3331114148			
	3331114152			
	3331114156			
	3331114161			
	3331114164			
	3331114168			
	3331114172			
333111710T	3331117101	Planting machinery	8432.30.0010	8432.30.0010
	3331117108		8432.30.0090	8432.30.0090
	3331117111			

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
	3331117148			
333111710A	3331117118 3331117121 3331117128 3331117131 3331117138 3331117141 3331117151	Fertilizer distributors pull-type or mounted	8432.40.0000	8432.40.0000
333111E10T	333111E141 333111E151 333111E158 333111E161 333111E169	Other harrows, rollers, pulverizers, and similar equipment	8432.29.0090	8432.29.0090
333111E149	333111E149	Disc harrows, single, tandem, and offset	8432.21.0000	8432.21.0000
3331119101	3331119101	Combines (harvester-threshers), grain-types only (self-propelled and pull-type)	8433.51.0010 8433.51.0090	8433.51.0010 8433.51.0090
333111910T	3331119111 3331119121 3331119131 3331119171	Other harvesting machines	8433.52.0000 8433.59.0090 8433.53.0000	8433.52.0000 8433.59.0090 8433.53.0000
333111910A	3331119141 3331119161	Field forage harvesters	8433.59.0010	8433.59.0010
333111000T	333111A101 333111A111 333111G102	Hay mowers, mower-conditioners and windrowers	8433.20.0020 8433.20.0040 8433.20.0060	8433.20.0020 8433.20.0040 8433.20.0060

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
	333111G104 333111G106 333111G108			
333111A141	333111A141	Other haying machinery	8433.30.0000	8433.30.0000
333111A131	333111A131	Hay balers, hay stackers, (field type), hay bale loaders, bale throwing attachments	8433.40.0000	8433.40.0000
333111E121	333111E121	Other plows (excluding snow plows)	8432.10.0040 8432.10.0060	8432.10.0040 8432.10.0060
333111E10A	333111E179 333111E181 333111E189 333111E191 333111E199	Cultivators and weeders	8432.29.0040 8432.29.0060 8432.29.0080	8432.29.0040 8432.29.0060 8432.29.0080
333111G11T	333111G112 333111G114	Machinery for preparing animal feed	8436.10.0000	8436.10.0000
333111G123	333111G123	Other machines for preparing crops for market or for use (including cotton ginning machinery and combination grinder-mixers)	8419.31.0000 8436.80.0060	8419.31.0000 8436.80.0060
333111G10T	333111G128 333111G132	Farm poultry incubators and brooders	8436.21.0000	8436.21.0000
333111G134	333111G134	Nests and cages	8436.29.0000 8433.60.0010	8436.29.0000 8433.60.0010

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
333111G188	333111G188	Self-propelled irrigation systems, center-pivot (quantity is in ten-tower equivalents)	8424.81.9010	8424.81.9010
333111G192	333111G192	All other self-propelled irrigation systems using 100 feet flexible hose feeder line and over	8424.81.9020	8424.81.9020
333111G10A	333111G172 333111G174 333111G176 333111G178 333111G182 333111G184 333111G186	Farm wagons and other farm transportation equipment	(X)	8716.80.1000
333111J10T	333111J101 333111J123	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
333111J10A	333111J106 333111J111 333111J161	Riding turf mowers	8433.19.0010 8433.19.0030	8433.19.0010 8433.19.0030
333112110T	3331121136 3331121141	Snowblowers (snowthrowers)	8430.20.0060	8430.20.0060
333112110A	3331121146 3331121151	Powered lawn and hedge trimmers	8467.89.5030	8467.89.5030

Footnotes:

1/ Source: 2009 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
and Foreign Commodities Exported from the United States.				
2/ Source: Harmonized Tariff Schedule of the United States, Annotated, (2009).				

Symbols

(D) - Withheld to avoid disclosing data of individual companies.

(X) - Not applicable.

(NA) - Not available.

r/ - Revised by 5 percent or more from previously published data.

(n.e.c.) - Not elsewhere classified.

(n.s.k.) - Not specified by kind.

(nehp) - Net engine horsepower

(btuh) - British thermal units per hour

(pt.) Part.

- Represents zero.

Estimation symbols - Percent of estimation for each item is indicated as follows:

a/ - 10 to 19 percent of this item has been estimated.

b/ - 20 to 29 percent of this item has been estimated.

c/ - 30 to 49 percent of this item has been estimated.

(S) - Withheld because estimates did not meet publication standards

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>.