
Appendix E.

Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System

In previous agriculture censuses, farms were classified by type of activity or activities according to the Standard Industrial Classification (SIC). For 1997 a new classification system, the North American Industry Classification System (NAICS), replaced the SIC. NAICS was developed jointly by Mexico, Canada, and the United States to make the industrial statistics produced in the three countries comparable.

Table A “Selected Characteristics of Farms by Standard Industrial Classification: 1997” is provided as a bridge table and will not be provided in future census publications. Table B “1997 NAICS U.S. Matched to 1987 U.S. SIC” provides excerpts from the 1997 NAICS Manual¹ to assist the data user when making comparisons of establishment data between classification systems. The following text describes the classification methodology for the SIC system.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

The SIC groupings, together with the associated products (value of sales representing 50 percent or more of the

value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011). Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131). Cotton and cottonseed.

Tobacco (0132). Tobacco.

Sugarcane, sugar beets, potatoes, hay, peanuts, and other field crops (0133, 0134, 0139). Sugarcane, sugar beets, potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweet potatoes, timothy, and yams.

Vegetables and melons (016). Vegetables and melons grown in the open.

Fruits and tree nuts (017). Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018). Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubbery, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019). Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021). Cattle, calves, hogs, sheep, goats, goats' milk, mohair, and wool.

Beef cattle, except feedlots (0212). Production or feeding of beef cattle, except feedlots.

Dairy farms (024). Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025). Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027). Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity including fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029). Livestock and animal specialties and their products, but less than 50 percent of sales from any three-digit industry group.

¹North American Industry Classification System, United States, 1997. For sale by the National Technical Information Service (NTIS), U.S. Department of Commerce, Springfield, VA 22161 or contact the NTIS website at <http://www.ntis.gov/search.htm/>.

Table A. Selected Characteristics of Farms by Standard Industrial Classification: 1997

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets ¹ , average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
Total²	34 799	10 454 217	2 435 702	662 538	40 869	6 004 554	4 817 261	1 187 292
Crops (01)	16 929	4 367 001	2 214 475	807 842	58 457	4 842 868	4 788 883	53 986
Cash grains (011)	451	122 093	46 042	359 477	30 636	10 480	9 685	795
Wheat (0111)	3	(D)	(D)	—	—	(D)	(D)	(D)
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	320	77 580	19 946	360 674	26 625	4 499	4 139	360
Soybeans (0116)	69	(D)	(D)	229 663	29 182	(D)	(D)	(D)
Cash grains, n.e.c. (0119)	59	25 459	16 287	561 611	60 344	3 916	3 672	244
Field crops, except cash grains (013)	1 923	1 228 013	751 929	1 544 740	87 240	780 036	768 896	11 141
Cotton (0131)	202	119 856	79 654	772 254	125 689	39 189	(D)	(D)
Tobacco (0132)	137	67 545	16 235	635 499	115 379	25 478	(D)	(D)
Sugarcane and sugar beets (0133)	117	574 185	443 008	18 139 357	375 740	528 554	527 539	1 014
Irish potatoes (0134)	89	55 574	42 813	1 305 493	288 257	92 474	92 415	60
Field crops, except cash grains, n.e.c. (0139)	1 378	410 853	170 219	743 042	46 138	94 341	87 056	7 285
Vegetables and melons (016)	1 154	487 919	254 917	1 083 274	137 267	1 094 375	1 085 934	8 441
Fruits and tree nuts (017)	8 274	1 913 672	941 856	813 944	45 134	1 452 539	1 429 160	23 379
Berry crops (0171)	385	22 809	8 362	290 442	39 415	90 359	90 081	278
Grapes (0172)	43	1 148	224	117 104	14 563	125	(D)	(D)
Tree nuts (0173)	141	13 622	4 120	326 915	26 620	1 463	1 331	133
Citrus fruits (0174)	6 649	1 816 982	912 204	937 090	49 890	1 337 971	1 315 872	22 098
Deciduous tree fruits (0175)	104	1 515	823	189 483	12 527	1 438	(D)	(D)
Fruits and tree nuts, n.e.c. (0179)	952	57 596	16 123	293 432	19 981	21 184	20 315	869
Horticultural specialties (018)	4 814	343 171	120 758	431 526	52 784	1 428 341	1 423 805	4 536
Ornamental floriculture and nursery products (0181)	4 744	341 160	120 123	426 676	51 764	1 366 089	(D)	(D)
Food crops grown under cover (0182)	70	2 011	635	1 004 878	173 329	62 251	(D)	(D)
General farms, primarily crop (019)	313	272 133	98 973	1 217 498	71 041	77 097	71 403	5 694
Livestock and animal specialties (02)	17 778	6 081 895	219 740	524 537	23 791	1 158 926	25 629	1 133 296
Livestock, except dairy, poultry, and animal specialties (021)	13 030	5 280 508	156 420	585 411	19 740	246 806	17 618	229 188
Beef cattle feedlots (0211)	309	38 160	1 465	255 172	15 986	3 233	51	3 182
Beef cattle, except feedlots (0212)	11 896	5 187 838	148 108	619 383	20 001	234 244	16 799	217 445
Hogs (0213)	464	29 388	4 048	170 010	15 364	6 955	447	6 508
Sheep and goats (0214)	254	14 126	520	206 897	19 146	1 114	11	1 103
General livestock, except dairy, poultry, and animal specialties (0219)	107	10 996	2 279	209 095	20 092	1 260	310	950
Dairy farms (024)	297	193 540	42 760	1 132 086	142 616	412 969	2 482	410 487
Poultry and eggs (025)	557	66 223	11 397	381 503	59 369	352 210	4 278	347 932
Broiler, fryer, and roaster chickens (0251)	271	40 961	8 779	441 670	61 225	169 706	2 626	167 081
Chicken eggs (0252)	176	19 145	2 523	374 545	74 264	158 871	1 624	157 248
Turkeys and turkey eggs (0253)	3	53	(D)	—	—	1	—	1
Poultry hatcheries (0254)	8	198	(D)	1 141 009	368 827	22 065	—	22 065
Poultry and eggs, n.e.c. (0259)	99	5 866	(D)	218 152	16 754	1 567	29	1 538
Animal specialties (027)	3 106	207 357	7 116	261 701	23 237	145 334	644	144 691
Fur-bearing animals and rabbits (0271)	32	505	(D)	122 942	6 617	284	(D)	(D)
Horses and other equines (0272)	2 248	165 659	6 421	312 272	21 745	73 953	386	73 567
Animal aquaculture (0273)	347	15 125	(D)	153 834	29 317	52 072	(D)	(D)
Animal specialties, n.e.c. (0279)	479	26 068	567	129 998	26 619	19 025	198	18 827
General farms, primarily livestock and animal specialties (029)	788	334 267	2 047	454 610	21 368	1 605	607	998

¹Data are based on a sample of farms.

²Detail may not add to total because some farms classified in the North American Industry Classification System are not farms under the Standard Industrial Classification system.

Table B. 1997 NAICS U.S. Matched to 1987 U.S. SIC

1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
11	Agriculture, Forestry, Fishing and Hunting		
111	Crop Production		
1111	Oilseed and Grain Farming		
11111	Soybean Farming	0116	Soybeans
11112	Oilseed (except Soybean) Farming	*0119	Cash Grains, NEC (oilseed, except soybean farming)
11113	Dry Pea and Bean Farming	*0119	Cash Grains, NEC (dry pea and bean farms)
11114	Wheat Farming	0111	Wheat
11115	Corn Farming	0115	Corn
		*0119	Cash Grains, NEC (popcorn farming)
11116	Rice Farming	0112	Rice
11119	Other Grain Farming		
US 111191	Oilseed and Grain Combination Farming	*0119	Cash Grains, NEC (oilseed and grain combination farms)
US 111199	All Other Grain Farming	*0119	Cash Grains, NEC (except popcorn, soybean, and dry pea and bean, and oilseed and grain combination farms)
1112	Vegetable and Melon Farming		
11121	Vegetable and Melon Farming		
CAN 111211	Potato Farming	0134	Irish Potatoes
CAN 111219	Other Vegetable (except Potato) and Melon Farming	0161	Vegetables and Melons
		*0139	Field Crops Except Cash Grains (sweet potatoes and yams)
1113	Fruit and Tree Nut Farming		
11131	Orange Groves	*0174	Citrus Fruits (orange groves and farms)
11132	Citrus (except Orange) Groves	*0174	Citrus Fruits (except, orange groves and farms)
11133	Noncitrus Fruit and Tree Nut Farming		
US 111331	Apple Orchards	*0175	Deciduous Tree Fruits (apple orchards and farms)
US 111332	Grape Vineyards	0172	Grapes
US 111333	Strawberry Farming	*0171	Berry Crops (strawberry farms)
US 111334	Berry (except Strawberry) Farming	*0171	Berry Crops (except strawberry farms)
US 111335	Tree Nut Farming	0173	Tree Nuts
US 111336	Fruit and Tree Nut Combination Farming	*0179	Fruits and Tree Nuts, NEC (combination farms)
US 111339	Other Noncitrus Fruit Farming	*0175	Deciduous Tree Fruits (except apple orchards and farms)
		*0179	Fruit and Tree Nuts, NEC (except combination farms)
1114	Greenhouse, Nursery, and Floriculture Production		
11141	Food Crops Grown Under Cover		
CAN 111411	Mushroom Production	*0182	Food Crops Grown Under Cover (mushrooms, growing of)
CAN 111419	Other Food Crops Grown Under Cover	*0182	Food Crops Grown Under Cover (except mushroom, growing of)
11142	Nursery and Floriculture Production		
CAN 111421	Nursery and Tree Production	*0181	Ornamental Floriculture and Nursery Products (nursery farming)
		*0811	Timber Tracts (short rotation woody crops)

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

	1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
CAN	111422	Floriculture Production	*0181	Ornamental Floriculture and Nursery Products (floriculture farming)
	1119	Other Crop Farming		
	11191	Tobacco Farming	0132	Tobacco
	11192	Cotton Farming	0131	Cotton
	11193	Sugarcane Farming	*0133	Sugarcane and Sugar Beets (sugarcane farms)
	11194	Hay Farming	*0139	Field Crops, Except Cash Grains, NEC (hay farms)
	11199	All Other Crop Farming		
US	111991	Sugar Beet Farming	*0133	Sugarcane and Sugar Beets (sugar beet farms)
US	111992	Peanut Farming	*0139	Field Crops, Except Cash Grains, NEC (peanut farms)
US	111998	All Other Miscellaneous Crop Farming	*0139	Field Crops, Except Cash Grains, NEC (except peanut, sweet potato, yam and hay farms)
			0191	General Farms, Primarily Crop
			*0831	Forest Products (maple sap, gathering of)
			*0919	Miscellaneous Marine Products (plant aquaculture)
			*2099	Food Preparations, NEC (reducing maple sap to maple syrup)
	112	Animal Production		
	1121	Cattle Ranching and Farming		
	11211	Beef Cattle Ranching and Farming, including Feedlots		
US	112111	Beef Cattle Ranching and Farming	0212	Beef Cattle, Except Feedlots
			*0241	Dairy Farms (dairy heifer replacement farms)
US	112112	Cattle Feedlots	0211	Beef Cattle Feedlots
	11212	Dairy Cattle and Milk Production	*0241	Dairy Farms
	11213	Dual Purpose Cattle Ranching and Farming		Null Set for U.S.
	1122	Hog and Pig Farming		
	11221	Hog and Pig Farming	0213	Hogs
	1123	Poultry and Egg Production		
	11231	Chicken Egg Production	0252	Chicken Eggs
	11232	Broilers and Other Meat Type Chicken Production	0251	Broiler, Fryers, and Roaster Chickens
	11233	Turkey Production	0253	Turkey and Turkey Eggs
	11234	Poultry Hatcheries	0254	Poultry Hatcheries
	11239	Other Poultry Production	0259	Poultry and Eggs, NEC
	1124	Sheep and Goat Farming		
	11241	Sheep Farming	*0214	Sheep and Goats (sheep farms)
	11242	Goat Farming	*0214	Sheep and Goats (goat farms)
	1125	Animal Aquaculture		
	11251	Animal Aquaculture		
US	112511	Finfish Farming and Fish Hatcheries	*0273	Animal Aquaculture (finfish farms)
			*0921	Fish Hatcheries and Preserves (finfish hatcheries)
US	112512	Shellfish Farming	*0273	Animal Aquaculture (shellfish farms)
			*0921	Fish Hatcheries and Preserves (shellfish hatcheries)
US	112519	Other Animal Aquaculture	*0273	Animal Aquaculture (except finfish and shellfish)
			*0279	Animal Specialties, NEC (alligator and frog production)
	1129	Other Animal Production		
	11291	Apiculture	*0279	Animal Specialties, NEC (apiculture)
	11292	Horse and Other Equine Production	0272	Horse and Other Equine

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1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
11293	Fur-Bearing Animal and Rabbit Production	0271	Fur-Bearing Animals and Rabbits
11299	All Other Animal Production	0219	General Livestock, Except Dairy and Poultry
		*0279	Animal Specialties, NEC (except apiculture)
		0291	General Farms, Primarily Livestock and Animal Specialties

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