
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	73 051	27 204 780	22 274 230	773 141	90 447	8 556 486	6 567 164	1 989 323
Crops (01)	51 521	23 440 575	20 279 072	952 291	106 866	6 600 782	6 239 800	360 982
Cash grains (011)	46 348	22 910 918	19 994 282	1 024 146	113 478	6 187 629	5 841 397	346 232
Wheat (0111)	499	44 498	21 051	173 793	29 143	3 652	3 547	105
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	24 519	12 828 026	11 594 543	1 192 942	124 224	3 687 842	3 633 166	54 676
Soybeans (0116)	11 440	4 230 293	3 604 742	688 477	84 358	952 333	937 793	14 541
Cash grains, n.e.c. (0119)	9 890	5 808 101	4 773 946	1 047 965	125 913	1 543 802	1 266 891	276 910
Field crops, except cash grains (013)	2 307	205 368	87 838	199 327	30 322	27 004	25 766	1 238
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133)	—	—	—	—	—	—	—	—
Irish potatoes (0134)	5	9 578	(D)	9 905 000	400 000	7 984	7 984	—
Field crops, except cash grains, n.e.c. (0139)	2 302	195 790	(D)	186 478	29 832	19 020	17 782	1 238
Vegetables and melons (016)	430	72 746	54 117	494 989	70 462	44 657	44 452	205
Fruits and tree nuts (017)	448	30 136	11 631	230 361	31 593	15 238	15 126	112
Berry crops (0171)	70	2 695	933	123 632	24 474	877	847	30
Grapes (0172)	14	533	162	416 667	13 048	120	(D)	(D)
Tree nuts (0173)	—	—	—	—	—	—	—	—
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	206	20 056	9 571	299 562	45 935	13 858	13 792	66
Fruits and tree nuts, n.e.c. (0179)	158	6 852	965	188 483	22 262	382	(D)	(D)
Horticultural specialties (018)	1 033	65 325	39 822	540 792	87 297	288 440	288 111	329
Ornamental floriculture and nursery products (0181)	1 001	64 732	39 524	532 389	80 274	235 941	(D)	(D)
Food crops grown under cover (0182)	32	593	298	1 135 000	583 929	52 499	(D)	(D)
General farms, primarily crop (019)	955	156 082	91 382	309 533	47 884	37 815	24 947	12 867
Livestock and animal specialties (02)	21 170	3 748 013	1 988 703	339 806	50 842	1 947 163	318 846	1 628 316
Livestock, except dairy, poultry, and animal specialties (021)	13 611	2 584 232	1 503 330	366 211	53 337	1 498 046	254 323	1 243 723
Beef cattle feedlots (0211)	1 986	442 191	285 915	513 272	66 591	254 930	47 180	207 750
Beef cattle, except feedlots (0212)	6 948	782 045	188 805	186 012	30 919	111 808	15 775	96 033
Hogs (0213)	3 295	1 032 079	817 858	680 234	99 021	1 021 293	152 833	868 460
Sheep and goats (0214)	613	23 139	2 978	132 780	19 774	2 307	153	2 155
General livestock, except dairy, poultry, and animal specialties (0219)	769	304 778	207 774	634 172	76 544	107 707	38 383	69 325
Dairy farms (024)	1 461	478 916	368 649	617 370	115 030	279 902	42 073	237 829
Poultry and eggs (025)	297	26 629	12 414	231 336	61 301	99 762	3 196	96 566
Broiler, fryer, and roaster chickens (0251)	12	1 138	703	208 813	9 875	(D)	186	(D)
Chicken eggs (0252)	135	9 355	4 048	223 846	102 406	59 362	877	58 485
Turkeys and turkey eggs (0253)	42	9 296	7 159	908 609	141 655	37 295	2 046	35 249
Poultry hatcheries (0254)	4	62	(D)	60 000	12 500	(D)	—	(D)
Poultry and eggs, n.e.c. (0259)	104	6 778	(D)	87 988	14 929	2 282	88	2 194
Animal specialties (027)	2 052	101 214	9 971	164 168	23 507	19 388	694	18 694
Fur-bearing animals and rabbits (0271)	34	537	(D)	126 244	29 760	2 184	(D)	(D)
Horses and other equines (0272)	1 856	84 929	9 430	166 673	22 191	12 858	555	12 303
Animal aquaculture (0273)	19	2 894	(D)	176 708	40 903	1 413	(D)	(D)
Animal specialties, n.e.c. (0279)	143	12 854	476	139 990	33 526	2 934	56	2 877
General farms, primarily livestock and animal specialties (029)	3 749	557 022	94 339	240 443	31 248	50 064	18 560	31 505

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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