
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	31 284	44 354 880	14 284 741	487 039	91 182	3 569 951	1 654 044	1 915 907
Crops (01)	14 059	17 226 486	9 196 907	555 316	114 758	1 619 608	1 359 477	260 131
Cash grains (011)	11 793	13 695 878	8 630 740	573 645	126 126	1 507 911	1 271 453	236 458
Wheat (0111)	1 182	2 494 469	1 269 333	696 807	136 083	125 514	114 080	11 434
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	2 111	1 421 144	1 001 647	465 601	98 628	205 331	195 028	10 303
Soybeans (0116)	2 737	1 848 417	1 423 728	455 866	103 254	271 587	259 674	11 913
Cash grains, n.e.c. (0119)	5 763	7 931 848	4 936 032	646 717	145 387	905 480	702 672	202 808
Field crops, except cash grains (013)	1 438	2 387 467	276 231	506 182	47 673	39 852	36 174	3 677
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133)	—	—	—	—	—	—	—	—
Irish potatoes (0134)	8	11 000	7 878	455 494	185 667	4 466	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	1 430	2 376 467	268 353	506 639	46 431	35 386	(D)	(D)
Vegetables and melons (016)	46	6 014	(D)	162 845	32 751	788	(D)	(D)
Fruits and tree nuts (017)	12	875	(D)	47 502	61 913	163	(D)	(D)
Berry crops (0171)	4	(D)	16	(D)	(D)	(D)	(D)	(D)
Grapes (0172)	—	—	—	—	—	—	—	—
Tree nuts (0173)	—	—	—	—	—	—	—	—
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	5	416	94	(D)	(D)	107	(D)	(D)
Fruits and tree nuts, n.e.c. (0179)	3	(D)	(D)	—	—	(D)	(D)	(D)
Horticultural specialties (018)	93	17 852	5 901	207 483	97 412	22 091	22 048	43
Ornamental floriculture and nursery products (0181)	92	(D)	(D)	207 483	97 412	(D)	(D)	43
Food crops grown under cover (0182)	1	(D)	(D)	—	—	(D)	(D)	—
General farms, primarily crop (019)	677	1 118 400	282 791	442 534	64 705	48 803	28 945	19 858
Livestock and animal specialties (02)	17 216	27 127 874	5 087 673	431 733	72 023	1 950 204	294 437	1 655 767
Livestock, except dairy, poultry, and animal specialties (021)	14 012	22 878 990	4 466 083	427 810	72 537	1 604 697	242 185	1 362 512
Beef cattle feedlots (0211)	977	1 407 023	538 369	647 428	141 747	403 188	41 798	361 391
Beef cattle, except feedlots (0212)	10 572	19 225 650	3 028 585	410 566	62 112	797 771	117 549	680 221
Hogs (0213)	837	490 487	314 561	464 055	115 077	228 070	32 406	195 664
Sheep and goats (0214)	749	621 077	61 638	171 533	37 644	24 786	1 975	22 812
General livestock, except dairy, poultry, and animal specialties (0219)	877	1 134 753	522 930	630 514	132 660	150 882	48 458	102 424
Dairy farms (024)	938	624 911	329 180	381 076	112 064	169 841	23 330	146 511
Poultry and eggs (025)	87	47 329	28 273	595 796	100 161	60 212	3 709	56 503
Broiler, fryer, and roaster chickens (0251)	8	(D)	(D)	12 750	25 000	(D)	(D)	(D)
Chicken eggs (0252)	30	3 289	477	291 556	50 270	22 342	(D)	(D)
Turkeys and turkey eggs (0253)	11	36 135	27 543	3 633 190	568 777	36 260	3 642	32 618
Poultry hatcheries (0254)	1	(D)	—	—	—	(D)	—	(D)
Poultry and eggs, n.e.c. (0259)	37	7 781	(D)	154 213	30 550	1 586	(D)	(D)
Animal specialties (027)	797	507 062	16 839	281 260	36 326	20 645	244	20 402
Fur-bearing animals and rabbits (0271)	10	360	234	50 182	21 582	2 317	(D)	(D)
Horses and other equines (0272)	636	406 054	12 272	313 120	31 594	5 131	161	4 970
Animal aquaculture (0273)	6	102	—	(D)	(D)	451	—	451
Animal specialties, n.e.c. (0279)	145	100 546	4 333	150 945	59 438	12 746	(D)	(D)
General farms, primarily livestock and animal specialties (029)	1 382	3 069 582	247 298	583 651	57 930	94 808	24 970	69 838

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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