
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	61 593	46 089 268	19 839 087	430 533	74 047	9 207 130	3 221 766	5 985 364
Crops (01)	32 765	28 988 388	16 163 108	523 262	95 840	3 236 941	2 850 740	386 200
Cash grains (011)	27 390	27 104 623	15 326 116	572 992	105 134	2 980 616	2 636 719	343 897
Wheat (0111)	11 483	10 588 362	5 583 667	474 878	83 770	796 182	719 364	76 817
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	2 600	3 630 067	2 407 610	998 451	193 776	707 717	678 449	29 268
Soybeans (0116)	3 514	1 795 731	1 151 342	397 114	82 509	230 907	216 621	14 287
Cash grains, n.e.c. (0119)	9 793	11 090 463	6 183 497	641 157	115 586	1 245 810	1 022 285	223 525
Field crops, except cash grains (013)	3 436	947 032	462 717	229 470	42 816	104 556	98 586	5 971
Cotton (0131)	7	3 899	3 639	226 245	97 750	1 025	1 025	—
Tobacco (0132)	7	339	(D)	6 696	10 000	65	(D)	(D)
Sugarcane and sugar beets (0133)	1	(D)	(D)	—	—	(D)	(D)	(D)
Irish potatoes (0134)	7	(D)	(D)	—	—	(D)	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	3 414	939 835	457 942	229 942	42 753	103 107	97 158	5 949
Vegetables and melons (016)	150	6 453	3 498	103 123	20 539	2 890	2 816	73
Fruits and tree nuts (017)	168	10 871	5 858	88 235	17 987	1 597	1 549	48
Berry crops (0171)	18	562	67	117 833	4 313	(D)	(D)	(D)
Grapes (0172)	7	162	100	2 400	1 325	23	23	—
Tree nuts (0173)	16	5 122	4 379	115 771	30 761	680	(D)	(D)
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	54	2 442	808	49 382	24 704	802	777	25
Fruits and tree nuts, n.e.c. (0179)	73	2 583	504	81 855	16 797	(D)	(D)	—
Horticultural specialties (018)	331	16 842	6 846	230 703	39 013	47 349	47 221	128
Ornamental floriculture and nursery products (0181)	317	16 513	6 767	232 618	38 739	46 784	(D)	(D)
Food crops grown under cover (0182)	14	329	79	98 200	58 000	565	(D)	(D)
General farms, primarily crop (019)	1 290	902 567	358 073	408 177	68 376	99 933	63 849	36 084
Livestock and animal specialties (02)	28 716	17 096 506	3 674 103	325 233	49 238	5 968 451	369 315	5 599 136
Livestock, except dairy, poultry, and animal specialties (021)	22 878	15 187 927	3 337 494	346 162	51 710	5 706 768	336 200	5 370 568
Beef cattle feedlots (0211)	1 330	1 451 949	476 959	735 216	168 220	3 973 801	62 027	3 911 774
Beef cattle, except feedlots (0212)	19 441	12 708 659	2 374 066	320 571	39 506	1 344 659	215 923	1 128 736
Hogs (0213)	1 068	359 504	193 210	307 944	131 033	278 269	22 833	255 436
Sheep and goats (0214)	432	44 374	11 518	146 299	25 098	6 321	1 191	5 130
General livestock, except dairy, poultry, and animal specialties (0219)	607	623 441	281 741	586 659	93 994	103 719	34 226	69 493
Dairy farms (024)	766	465 242	231 868	472 285	92 065	177 666	21 042	156 624
Poultry and eggs (025)	244	28 253	13 262	292 491	36 858	47 905	2 335	45 570
Broiler, fryer, and roaster chickens (0251)	5	48	—	(D)	(D)	17	—	17
Chicken eggs (0252)	112	17 060	9 011	349 621	32 770	24 745	1 661	23 084
Turkeys and turkey eggs (0253)	31	7 864	3 951	587 278	117 292	21 892	657	21 235
Poultry hatcheries (0254)	5	365	(D)	120 000	6 500	6	(D)	(D)
Poultry and eggs, n.e.c. (0259)	91	2 916	(D)	114 441	20 488	1 246	(D)	(D)
Animal specialties (027)	1 439	149 852	11 823	131 534	23 942	9 387	422	8 965
Fur-bearing animals and rabbits (0271)	10	388	(D)	158 272	7 000	11	(D)	(D)
Horses and other equines (0272)	1 323	136 076	9 461	131 034	23 836	6 086	262	5 824
Animal aquaculture (0273)	10	566	(D)	145 343	59 167	808	(D)	(D)
Animal specialties, n.e.c. (0279)	96	12 822	2 148	132 291	23 751	2 482	141	2 341
General farms, primarily livestock and animal specialties (029)	3 389	1 265 232	79 656	228 115	32 683	26 725	9 317	17 408

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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