
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	23 823	7 876 528	3 882 648	380 871	59 330	2 031 277	1 411 472	619 805
Crops (01)	8 077	4 919 918	3 542 641	652 307	118 390	1 422 891	1 401 096	21 795
Cash grains (011)	3 447	2 826 721	2 062 094	773 464	123 351	598 333	585 055	13 278
Wheat (0111)	53	10 509	6 879	247 787	44 268	889	846	43
Rice (0112)	1 390	1 198 739	747 907	801 860	132 882	263 995	258 109	5 886
Corn (0115)	335	247 796	199 358	784 346	135 909	57 000	55 595	1 405
Soybeans (0116)	1 261	786 125	626 902	564 718	89 306	136 442	134 022	2 420
Cash grains, n.e.c. (0119)	408	583 552	481 048	1 506 439	212 150	140 007	136 483	3 524
Field crops, except cash grains (013)	3 023	1 924 201	1 416 626	740 505	155 495	727 176	721 942	5 235
Cotton (0131)	1 144	1 061 238	871 873	922 228	199 980	347 640	345 242	2 398
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133)	646	640 553	448 970	1 523 840	(D)	329 741	328 064	1 677
Irish potatoes (0134)	11	669	159	21 000	25 000	151	147	4
Field crops, except cash grains, n.e.c. (0139)	1 222	221 741	95 624	259 803	41 534	49 644	48 489	1 156
Vegetables and melons (016)	305	22 274	6 371	149 261	24 872	7 742	7 558	184
Fruits and tree nuts (017)	475	42 433	12 043	243 388	31 576	4 044	3 934	110
Berry crops (0171)	84	3 530	509	150 432	26 967	784	776	8
Grapes (0172)	4	498	23	—	—	9	9	—
Tree nuts (0173)	89	12 911	8 055	289 920	(D)	1 739	1 672	67
Citrus fruits (0174)	79	3 203	767	171 830	31 140	(D)	(D)	(D)
Deciduous tree fruits (0175)	35	5 054	512	177 315	52 563	455	452	4
Fruits and tree nuts, n.e.c. (0179)	184	17 237	2 177	325 507	23 139	(D)	(D)	(D)
Horticultural specialties (018)	494	30 955	9 200	218 250	47 377	71 846	71 565	281
Ornamental floriculture and nursery products (0181)	478	30 600	9 155	226 706	49 250	71 303	(D)	(D)
Food crops grown under cover (0182)	16	355	45	74 771	15 607	542	(D)	(D)
General farms, primarily crop (019)	333	73 334	36 307	255 021	41 218	13 750	11 043	2 708
Livestock and animal specialties (02)	15 664	2 953 127	339 296	243 851	29 365	607 459	9 455	598 004
Livestock, except dairy, poultry, and animal specialties (021)	12 456	2 328 273	265 051	233 914	26 400	123 343	5 982	117 361
Beef cattle feedlots (0211)	209	(D)	2 987	(D)	20 949	2 856	150	2 707
Beef cattle, except feedlots (0212)	11 864	2 281 607	259 768	239 498	26 445	116 663	5 676	110 987
Hogs (0213)	195	9 923	740	88 947	23 570	2 796	22	2 775
Sheep and goats (0214)	160	6 113	344	110 821	24 064	(D)	(D)	398
General livestock, except dairy, poultry, and animal specialties (0219)	28	(D)	1 212	171 301	84 936	(D)	(D)	495
Dairy farms (024)	602	(D)	53 531	419 041	71 138	113 446	1 300	112 145
Poultry and eggs (025)	475	(D)	9 438	255 163	65 837	289 898	377	289 521
Broiler, fryer, and roaster chickens (0251)	302	36 886	7 369	321 945	74 391	228 669	269	228 400
Chicken eggs (0252)	104	11 297	1 862	187 499	67 221	34 429	(D)	(D)
Turkeys and turkey eggs (0253)	1	(D)	—	84 000	10 500	(D)	—	(D)
Poultry hatcheries (0254)	6	(D)	—	(D)	(D)	24 363	—	24 363
Poultry and eggs, n.e.c. (0259)	62	3 783	207	83 907	16 402	(D)	(D)	(D)
Animal specialties (027)	1 479	135 796	7 899	214 689	28 432	79 569	1 267	78 301
Fur-bearing animals and rabbits (0271)	30	517	16	110 650	15 431	103	—	103
Horses and other equines (0272)	1 131	80 099	3 921	191 411	23 051	10 270	(D)	(D)
Animal aquaculture (0273)	241	52 231	3 776	326 880	51 519	45 082	1 162	43 920
Animal specialties, n.e.c. (0279)	77	2 949	186	167 127	21 145	24 114	(D)	(D)
General farms, primarily livestock and animal specialties (029)	652	265 062	3 377	350 321	25 864	1 204	528	675

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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