
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	34 030	17 449 293	3 154 523	479 385	55 401	2 969 194	2 114 196	854 998
Crops (01)	13 316	5 309 117	2 426 313	613 634	90 860	2 010 289	1 971 293	38 995
Cash grains (011)	1 196	2 432 156	850 186	1 038 748	155 212	181 541	170 981	10 560
Wheat (0111)	905	2 065 419	737 189	1 048 797	170 563	152 879	145 477	7 402
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	40	11 995	7 282	427 990	32 584	3 803	3 401	403
Soybeans (0116)	—	—	—	—	—	—	—	—
Cash grains, n.e.c. (0119)	251	354 742	105 715	1 102 929	121 761	24 858	22 104	2 755
Field crops, except cash grains (013)	4 937	1 878 018	1 024 573	653 773	94 376	637 922	620 004	17 918
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugar cane and sugar beets (0133)	23	17 563	10 369	1 660 400	176 852	6 268	6 179	89
Irish potatoes (0134)	129	166 852	115 593	1 406 821	338 290	149 618	148 348	1 270
Field crops, except cash grains, n.e.c. (0139)	4 785	1 693 603	898 611	621 758	85 369	482 037	465 477	16 559
Vegetables and melons (016)	710	169 411	133 719	783 525	135 931	167 563	166 654	909
Fruits and tree nuts (017)	3 387	229 235	121 061	411 372	55 692	289 293	287 899	1 394
Berry crops (0171)	829	55 531	24 870	387 262	56 600	77 791	77 363	427
Grapes (0172)	400	25 553	9 287	429 235	48 533	19 596	19 399	197
Tree nuts (0173)	642	46 779	25 731	378 128	43 132	27 990	27 726	265
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	966	74 607	49 363	524 651	80 402	154 993	154 571	422
Fruits and tree nuts, n.e.c. (0179)	550	26 765	11 810	280 484	31 914	8 923	8 840	83
Horticultural specialties (018)	2 225	118 886	62 580	398 879	63 691	547 283	546 603	680
Ornamental floriculture and nursery products (0181)	2 137	116 324	62 137	403 810	64 249	511 436	510 861	574
Food crops grown under cover (0182)	88	2 562	443	266 235	48 696	35 847	35 741	106
General farms, primarily crop (019)	861	481 411	234 194	959 213	147 004	186 686	179 152	7 535
Livestock and animal specialties (02)	19 386	12 040 868	685 503	397 051	32 852	849 960	34 492	815 468
Livestock, except dairy, poultry, and animal specialties (021)	14 935	11 172 011	628 847	423 891	31 438	487 686	28 000	459 686
Beef cattle feedlots (0211)	1 108	397 456	25 642	273 035	29 273	102 106	1 867	100 238
Beef cattle, except feedlots (0212)	11 637	10 449 717	573 495	466 907	33 115	353 736	23 182	330 554
Hogs (0213)	403	12 025	1 833	209 041	16 250	4 392	254	4 138
Sheep and goats (0214)	1 477	215 007	17 315	261 575	23 337	21 259	930	20 329
General livestock, except dairy, poultry, and animal specialties (0219)	310	97 806	10 562	373 428	35 993	6 193	1 767	4 425
Dairy farms (024)	469	112 978	42 519	726 137	119 488	226 468	3 897	222 571
Poultry and eggs (025)	298	19 954	2 539	268 078	85 610	100 428	1 337	99 092
Broiler, fryer, and roaster chickens (0251)	54	9 339	1 466	419 479	96 457	36 045	903	35 142
Chicken eggs (0252)	146	6 427	497	249 809	110 312	55 554	(D)	(D)
Turkeys and turkey eggs (0253)	7	417	(D)	226 500	(D)	440	—	440
Poultry hatcheries (0254)	7	530	(D)	262 159	189 694	7 856	(D)	(D)
Poultry and eggs, n.e.c. (0259)	84	3 241	138	177 060	18 271	534	(D)	(D)
Animal specialties (027)	3 099	252 080	8 063	220 165	23 643	33 762	639	33 123
Fur-bearing animals and rabbits (0271)	81	2 430	124	345 444	42 884	9 709	(D)	(D)
Horses and other equines (0272)	2 612	221 688	6 171	220 888	22 910	12 448	290	12 158
Animal aquaculture (0273)	59	2 535	27	134 266	8 745	2 612	(D)	(D)
Animal specialties, n.e.c. (0279)	347	25 427	1 741	204 566	28 810	8 993	281	8 711
General farms, primarily livestock and animal specialties (029)	585	483 845	3 535	429 609	25 721	1 616	619	997

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

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
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

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.