
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				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	68 591	14 103 085	9 900 570	414 773	57 624	4 684 277	2 827 924	1 856 353
Crops (01)	39 636	9 973 981	8 043 182	516 898	69 560	2 763 064	2 611 777	151 287
Cash grains (011)	27 009	8 723 158	7 520 296	640 370	83 333	2 143 558	2 013 554	130 004
Wheat (0111)	566	46 286	26 371	192 414	39 296	4 488	4 381	107
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	6 927	2 104 685	1 762 716	627 942	80 501	515 761	506 622	9 139
Soybeans (0116)	11 847	3 185 125	2 771 240	536 726	68 373	714 144	701 767	12 376
Cash grains, n.e.c. (0119)	7 669	3 387 062	2 959 969	844 810	112 511	909 165	800 783	108 383
Field crops, except cash grains (013)	6 875	718 257	248 349	210 088	29 938	76 278	70 791	5 488
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	1 899	210 323	43 241	166 225	25 426	30 143	27 342	2 801
Sugarcane and sugar beets (0133)	3	(D)	(D)	232 274	123 000	(D)	(D)	(D)
Irish potatoes (0134)	27	8 385	(D)	1 200 764	274 953	(D)	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	4 946	499 305	198 175	224 515	30 782	39 530	36 867	2 662
Vegetables and melons (016)	1 049	122 565	83 760	326 913	53 152	92 303	90 931	1 372
Fruits and tree nuts (017)	796	47 060	14 833	223 438	41 643	19 191	19 088	103
Berry crops (0171)	133	(D)	(D)	124 352	20 273	1 696	1 666	30
Grapes (0172)	96	6 018	1 970	253 947	47 353	1 655	(D)	(D)
Tree nuts (0173)	2	(D)	(D)	—	—	(D)	(D)	—
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	303	23 060	9 407	256 721	52 323	15 514	15 460	54
Fruits and tree nuts, n.e.c. (0179)	262	12 468	2 111	200 971	33 510	(D)	(D)	(D)
Horticultural specialties (018)	1 851	93 705	44 444	315 818	65 192	386 732	386 495	237
Ornamental floriculture and nursery products (0181)	1 797	91 895	44 177	318 798	62 447	367 394	367 192	202
Food crops grown under cover (0182)	54	1 810	267	250 559	125 293	19 338	19 304	34
General farms, primarily crop (019)	2 056	269 236	131 500	264 797	37 822	45 002	30 919	14 084
Livestock and animal specialties (02)	28 311	4 089 897	1 847 594	278 886	41 801	1 902 431	197 559	1 704 872
Livestock, except dairy, poultry, and animal specialties (021)	17 414	2 331 670	914 429	230 819	34 072	627 762	99 096	528 666
Beef cattle feedlots (0211)	2 791	380 185	182 569	248 826	35 771	107 326	19 133	88 193
Beef cattle, except feedlots (0212)	10 168	1 327 080	318 956	190 019	26 847	125 207	11 173	114 034
Hogs (0213)	2 380	387 984	300 990	352 196	63 201	343 723	53 992	289 731
Sheep and goats (0214)	1 282	77 542	14 359	175 249	17 641	6 386	521	5 865
General livestock, except dairy, poultry, and animal specialties (0219)	793	158 879	97 555	391 491	56 195	45 121	14 278	30 843
Dairy farms (024)	3 853	1 093 539	734 437	557 026	91 854	565 011	61 408	503 603
Poultry and eggs (025)	825	93 703	61 189	417 108	102 340	595 270	14 182	581 088
Broiler, fryer, and roaster chickens (0251)	215	12 681	5 768	318 512	99 390	73 394	569	72 826
Chicken eggs (0252)	325	52 327	37 243	543 763	131 755	397 714	9 427	388 287
Turkeys and turkey eggs (0253)	153	20 920	16 700	457 714	88 431	96 561	3 945	92 617
Poultry hatcheries (0254)	10	(D)	(D)	372 528	217 293	22 947	(D)	(D)
Poultry and eggs, n.e.c. (0259)	122	(D)	(D)	177 203	26 966	4 653	(D)	(D)
Animal specialties (027)	3 330	141 475	19 161	176 993	22 397	51 634	758	50 876
Fur-bearing animals and rabbits (0271)	38	1 547	(D)	91 452	45 348	2 255	(D)	(D)
Horses and other equines (0272)	2 952	126 952	16 633	184 702	20 995	22 057	601	21 456
Animal aquaculture (0273)	33	2 195	(D)	249 143	31 846	1 842	(D)	(D)
Animal specialties, n.e.c. (0279)	307	10 781	2 115	124 893	29 164	25 481	124	25 357
General farms, primarily livestock and animal specialties (029)	2 889	429 510	118 378	290 600	29 466	62 754	22 114	40 640

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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