
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	98 860	28 826 188	12 449 272	309 430	41 051	5 367 813	2 307 009	3 060 803
Crops (01)	31 727	13 268 568	8 820 653	470 932	69 194	2 301 778	2 107 225	194 553
Cash grains (011)	19 778	10 907 878	7 641 546	591 465	88 759	1 897 949	1 724 738	173 211
Wheat (0111)	614	96 556	42 941	170 611	28 942	6 490	6 161	329
Rice (0112)	141	113 959	102 136	1 120 432	171 793	35 796	35 715	82
Corn (0115)	3 095	1 459 871	1 068 332	556 424	83 356	288 196	279 949	8 246
Soybeans (0116)	9 208	4 411 171	3 087 370	502 606	76 226	698 626	666 119	32 507
Cash grains, n.e.c. (0119)	6 720	4 826 321	3 340 767	752 948	111 635	868 842	736 794	132 048
Field crops, except cash grains (013)	8 328	1 777 617	944 340	276 240	36 124	248 849	242 602	6 246
Cotton (0131)	522	509 612	488 662	1 421 225	211 759	183 422	183 287	135
Tobacco (0132)	242	24 231	8 141	124 435	28 680	6 657	(D)	(D)
Sugarcane and sugar beets (0133)	-	-	-	-	-	-	-	-
Irish potatoes (0134)	10	11 231	9 850	2 141 044	440 050	10 186	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	7 554	1 232 543	437 687	188 660	22 172	48 583	42 978	5 605
Vegetables and melons (016)	294	36 324	19 139	256 006	54 816	11 955	11 663	292
Fruits and tree nuts (017)	447	45 035	15 606	241 306	31 759	13 151	12 819	332
Berry crops (0171)	96	5 076	720	107 163	15 369	729	706	23
Grapes (0172)	42	4 505	705	698 480	63 100	989	977	11
Tree nuts (0173)	35	6 049	3 177	352 389	9 441	331	(D)	(D)
Citrus fruits (0174)	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175)	109	16 609	8 636	305 294	69 229	10 592	476	(D)
Fruits and tree nuts, n.e.c. (0179)	165	12 796	2 368	201 731	16 495	510	(D)	34
Horticultural specialties (018)	673	52 732	16 328	240 059	44 147	87 543	86 747	795
Ornamental floriculture and nursery products (0181)	655	51 806	16 211	243 024	45 027	86 983	(D)	(D)
Food crops grown under cover (0182)	18	926	117	144 636	15 827	559	(D)	(D)
General farms, primarily crop (019)	2 207	448 982	183 694	241 832	31 131	42 331	28 655	13 676
Livestock and animal specialties (02)	66 972	15 542 639	3 625 432	234 134	27 913	3 064 367	198 142	2 866 225
Livestock, except dairy, poultry, and animal specialties (021)	55 237	13 224 856	3 179 284	233 579	26 785	1 915 541	171 807	1 743 734
Beef cattle feedlots (0211)	2 024	538 791	184 161	279 764	37 760	124 891	15 911	108 981
Beef cattle, except feedlots (0212)	49 287	11 328 235	2 322 735	219 056	23 808	853 060	73 126	779 935
Hogs (0213)	2 399	831 934	425 705	418 133	66 211	843 607	52 054	791 553
Sheep and goats (0214)	630	53 267	6 634	113 432	13 247	2 806	109	2 698
General livestock, except dairy, poultry, and animal specialties (0219)	897	472 629	240 049	527 338	71 243	91 176	30 607	60 569
Dairy farms (024)	2 608	916 306	316 339	370 688	60 758	328 175	13 761	314 414
Poultry and eggs (025)	1 139	222 861	61 424	409 738	69 037	770 716	6 044	764 672
Broiler, fryer, and roaster chickens (0251)	334	70 111	22 755	485 433	69 562	329 411	3 211	326 200
Chicken eggs (0252)	322	40 963	10 380	261 351	40 234	94 549	675	93 874
Turkeys and turkey eggs (0253)	361	99 826	27 179	470 497	78 292	281 339	2 065	279 274
Poultry hatcheries (0254)	20	1 038	486	1 189 227	788 274	63 986	(D)	(D)
Poultry and eggs, n.e.c. (0259)	102	10 923	624	267 830	30 200	1 432	(D)	(D)
Animal specialties (027)	3 019	258 974	23 623	163 684	20 770	29 061	645	28 416
Fur-bearing animals and rabbits (0271)	45	1 861	212	74 444	22 036	229	16	213
Horses and other equines (0272)	2 768	220 251	18 022	165 722	18 255	16 194	302	15 892
Animal aquaculture (0273)	52	14 784	924	213 358	68 255	8 654	38	8 617
Animal specialties, n.e.c. (0279)	154	22 078	4 465	152 890	34 127	3 983	289	3 695
General farms, primarily livestock and animal specialties (029)	4 969	919 642	44 762	183 262	20 617	20 875	5 886	14 989

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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