
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	194 301	131 308 286	19 607 847	398 126	40 062	13 766 527	4 293 474	9 473 054
Crops (01)	42 397	26 576 601	14 847 791	502 681	83 721	4 304 672	4 055 914	248 757
Cash grains (011)	10 172	11 120 249	6 355 041	815 850	115 836	1 362 127	1 244 953	117 174
Wheat (0111)	2 892	2 849 744	1 185 781	554 337	66 231	117 038	100 922	16 116
Rice (0112)	726	967 760	328 487	1 150 740	153 466	163 207	154 501	8 706
Corn (0115)	1 856	2 214 753	1 493 357	972 795	157 170	456 005	429 819	26 187
Soybeans (0116)	304	263 898	177 947	765 318	112 305	30 165	28 874	1 290
Cash grains, n.e.c. (0119)	4 394	4 824 094	3 169 469	854 248	122 164	595 712	530 836	64 876
Field crops, except cash grains (013)	21 379	11 983 588	7 076 960	423 429	82 514	1 848 885	1 788 933	59 952
Cotton (0131)	7 696	8 932 958	5 935 887	694 946	158 118	1 517 050	1 483 603	33 447
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133)	54	49 792	36 213	1 133 446	187 204	16 953	16 886	66
Irish potatoes (0134)	31	38 335	19 985	1 653 692	349 944	25 910	23 850	2 060
Field crops, except cash grains, n.e.c. (0139)	13 598	2 962 503	1 084 875	264 180	38 718	288 972	264 593	24 379
Vegetables and melons (016)	1 501	525 028	228 836	412 301	59 424	251 163	244 950	6 213
Fruits and tree nuts (017)	3 525	393 064	129 133	219 436	31 354	80 500	77 862	2 638
Berry crops (0171)	159	15 752	1 612	188 790	35 360	2 511	2 298	213
Grapes (0172)	59	5 074	2 904	254 121	30 444	4 606	4 589	18
Tree nuts (0173)	1 151	223 810	74 317	314 627	45 563	39 632	37 989	1 643
Citrus fruits (0174)	408	37 459	28 517	342 572	32 312	25 925	25 876	49
Deciduous tree fruits (0175)	303	27 159	6 820	141 318	23 276	5 554	5 188	366
Fruits and tree nuts, n.e.c. (0179)	1 445	83 810	14 963	132 819	22 697	2 271	1 923	349
Horticultural specialties (018)	1 794	188 241	54 358	406 274	75 940	484 243	482 580	1 663
Ornamental floriculture and nursery products (0181)	1 733	170 641	53 883	377 968	66 365	434 327	432 680	1 647
Food crops grown under cover (0182)	61	17 600	475	1 639 076	492 964	49 916	49 900	16
General farms, primarily crop (019)	4 026	2 366 431	1 003 463	452 609	66 678	277 753	216 637	61 117
Livestock and animal specialties (02)	151 685	104 718 781	4 756 513	370 532	28 386	9 458 258	234 046	9 224 212
Livestock, except dairy, poultry, and animal specialties (021)	131 847	98 354 933	4 390 743	382 812	27 137	7 391 212	216 591	7 174 621
Beef cattle feedlots (0211)	2 479	2 772 241	190 568	703 811	59 689	4 323 264	25 967	4 297 297
Beef cattle, except feedlots (0212)	121 403	86 454 961	4 040 520	373 541	26 592	2 815 590	178 931	2 636 659
Hogs (0213)	1 754	184 606	19 695	231 002	31 546	102 174	1 101	101 073
Sheep and goats (0214)	5 411	8 323 129	55 849	459 138	21 508	108 360	1 798	106 562
General livestock, except dairy, poultry, and animal specialties (0219)	800	619 996	84 111	629 631	43 742	41 824	8 795	33 030
Dairy farms (024)	1 890	1 015 265	253 621	604 374	97 556	806 694	9 303	797 390
Poultry and eggs (025)	2 044	408 811	40 974	348 259	64 208	1 155 888	4 280	1 151 608
Broiler, fryer, and roaster chickens (0251)	762	183 591	25 531	473 427	72 253	691 735	1 423	690 312
Chicken eggs (0252)	606	143 800	10 859	273 372	80 687	270 879	2 439	268 441
Turkeys and turkey eggs (0253)	76	32 350	2 407	542 804	101 119	121 423	340	121 083
Poultry hatcheries (0254)	32	1 715	116	201 541	118 672	66 280	-	66 280
Poultry and eggs, n.e.c. (0259)	568	47 355	2 061	239 144	19 821	5 571	78	5 492
Animal specialties (027)	8 725	1 513 295	50 284	231 634	23 473	95 363	1 464	93 899
Fur-bearing animals and rabbits (0271)	106	2 913	258	78 855	15 716	297	(D)	(D)
Horses and other equines (0272)	7 870	1 202 635	42 236	213 395	22 140	54 387	1 091	53 296
Animal aquaculture (0273)	109	37 616	681	617 310	100 813	18 858	(D)	(D)
Animal specialties, n.e.c. (0279)	640	270 131	7 109	406 864	30 067	21 822	294	21 527
General farms, primarily livestock and animal specialties (029)	7 179	3 426 477	20 891	261 760	29 718	9 101	2 407	6 694

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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