
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	74 126	27 698 779	8 543 159	941 170	69 590	23 032 259	17 033 714	5 998 545
Crops (01)	50 127	11 153 217	7 807 955	1 012 800	81 436	16 946 170	16 860 368	85 802
Cash grains (011)	2 264	1 376 218	960 704	1 547 388	140 499	535 512	527 984	7 528
Wheat (0111)	267	179 856	91 376	948 288	79 276	18 773	(D)	(D)
Rice (0112)	1 257	578 346	479 453	1 399 125	149 999	319 339	(D)	(D)
Corn (0115)	172	122 068	96 318	1 895 051	144 945	44 257	44 013	244
Soybeans (0116)	—	—	—	—	—	—	—	—
Cash grains, n.e.c. (0119)	568	495 948	293 557	1 935 770	133 968	153 142	148 523	4 619
Field crops, except cash grains (013)	4 195	2 717 782	1 964 632	1 815 719	147 498	1 599 599	1 584 896	14 703
Cotton (0131)	897	1 183 530	1 026 199	3 657 472	304 972	908 499	907 267	1 233
Tobacco (0132)	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133)	68	57 466	47 102	2 597 737	245 852	37 040	36 769	271
Irish potatoes (0134)	101	80 103	54 270	1 510 324	279 499	82 540	81 745	795
Field crops, except cash grains, n.e.c. (0139)	3 129	1 396 683	837 061	1 290 262	97 108	571 519	559 115	12 404
Vegetables and melons (016)	3 173	1 739 447	1 411 213	2 231 882	206 849	4 118 114	4 109 846	8 268
Fruits and tree nuts (017)	35 867	4 149 923	2 621 558	760 053	54 399	7 670 400	7 645 799	24 601
Berry crops (0171)	714	45 560	32 911	756 571	103 927	656 333	656 151	182
Grapes (0172)	7 720	1 647 919	884 189	1 299 934	80 202	3 168 732	3 158 629	10 102
Tree nuts (0173)	8 235	965 487	755 435	745 419	62 783	1 452 347	1 447 320	5 027
Citrus fruits (0174)	5 810	507 563	312 441	627 898	41 368	951 377	948 789	2 588
Deciduous tree fruits (0175)	4 263	416 465	328 122	720 178	66 041	841 720	840 497	1 223
Fruits and tree nuts, n.e.c. (0179)	9 125	566 929	308 460	427 789	25 464	599 891	594 412	5 478
Horticultural specialties (018)	3 822	170 073	98 483	645 283	91 278	2 177 865	2 176 274	1 592
Ornamental floriculture and nursery products (0181)	3 620	162 227	96 344	611 420	84 104	1 900 140	1 898 576	1 564
Food crops grown under cover (0182)	202	7 846	2 139	1 413 710	254 075	277 725	277 698	27
General farms, primarily crop (019)	806	999 774	751 365	3 569 994	244 167	844 681	815 570	29 111
Livestock and animal specialties (02)	23 533	16 520 752	727 370	796 299	45 131	6 062 037	149 331	5 912 705
Livestock, except dairy, poultry, and animal specialties (021)	14 238	14 950 822	327 206	917 942	28 131	1 258 531	32 512	1 226 019
Beef cattle feedlots (0211)	527	274 905	7 842	561 080	40 064	496 581	815	495 766
Beef cattle, except feedlots (0212)	11 510	13 744 272	283 761	1 021 494	28 320	668 026	24 979	643 047
Hogs (0213)	511	21 377	1 969	168 708	25 036	35 640	859	34 781
Sheep and goats (0214)	1 522	614 257	21 256	541 365	22 321	44 645	2 668	41 977
General livestock, except dairy, poultry, and animal specialties (0219)	168	296 011	12 378	851 171	42 503	13 639	3 191	10 448
Dairy farms (024)	2 123	746 122	377 114	1 543 921	181 510	3 468 059	96 677	3 371 382
Poultry and eggs (025)	1 035	68 655	11 074	396 294	111 035	1 194 423	15 385	1 179 038
Broiler, fryer, and roaster chickens (0251)	127	13 663	3 048	514 985	159 212	409 143	4 050	405 093
Chicken eggs (0252)	420	19 171	4 131	431 617	139 369	423 236	5 431	417 805
Turkeys and turkey eggs (0253)	135	22 411	3 152	663 106	111 356	258 148	5 134	253 014
Poultry hatcheries (0254)	26	475	(D)	319 797	552 187	66 696	(D)	(D)
Poultry and eggs, n.e.c. (0259)	327	12 935	(D)	183 695	28 587	37 200	(D)	(D)
Animal specialties (027)	5 542	324 989	5 567	271 587	24 671	129 560	1 101	128 459
Fur-bearing animals and rabbits (0271)	58	811	12	162 750	13 767	1 646	(D)	(D)
Horses and other equines (0272)	4 586	280 559	4 541	279 288	21 645	45 063	258	44 805
Animal aquaculture (0273)	156	13 941	60	366 555	54 034	41 460	(D)	(D)
Animal specialties, n.e.c. (0279)	742	29 678	954	216 634	37 123	41 392	778	40 614
General farms, primarily livestock and animal specialties (029)	595	430 164	6 409	700 235	33 345	11 464	3 656	7 808

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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