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## Appendix E.

# Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System

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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 Manual<sup>1</sup> 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.

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<sup>1</sup>North 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 <sup>1</sup> , 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
<b>Total<sup>2</sup></b> .....	<b>14 094</b>	<b>45 787 108</b>	<b>1 079 953</b>	<b>625 307</b>	<b>44 047</b>	<b>1 617 708</b>	<b>462 178</b>	<b>1 155 530</b>
Crops (01) .....	4 656	3 687 031	792 145	527 837	63 586	424 952	401 318	23 634
Cash grains (011) .....	487	779 744	350 713	690 187	107 523	58 780	51 343	7 437
Wheat (0111) .....	175	244 985	111 973	600 332	66 631	9 595	8 474	1 121
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	81	96 670	51 258	1 011 371	243 529	24 538	22 673	1 865
Soybeans (0116) .....	—	—	—	—	—	—	—	—
Cash grains, n.e.c. (0119) .....	231	438 089	187 482	646 271	90 435	24 646	20 195	4 451
Field crops, except cash grains (013) .....	2 138	1 509 593	254 620	492 424	58 744	135 487	126 728	8 759
Cotton (0131) .....	169	70 468	42 192	810 903	134 290	21 878	(D)	(D)
Tobacco (0132) .....	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133) .....	—	—	—	—	—	—	—	—
Irish potatoes (0134) .....	5	4 844	3 348	520 102	67 646	4 432	(D)	(D)
Field crops, except cash grains, n.e.c. (0139) .....	1 964	1 434 281	209 080	471 772	53 830	109 177	100 809	8 368
Vegetables and melons (016) .....	294	235 952	55 516	906 059	114 370	89 294	87 985	1 308
Fruits and tree nuts (017) .....	1 189	106 303	31 213	289 027	34 762	42 719	42 390	329
Berry crops (0171) .....	6	61	29	—	—	(D)	(D)	—
Grapes (0172) .....	34	494	152	181 192	15 510	142	139	3
Tree nuts (0173) .....	634	42 848	27 139	350 576	46 626	41 111	40 825	286
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	149	5 883	1 134	199 313	13 680	1 126	1 089	37
Fruits and tree nuts, n.e.c. (0179) .....	366	57 017	2 759	213 584	20 897	(D)	(D)	3
Horticultural specialties (018) .....	190	9 937	3 505	269 640	42 100	48 130	48 051	80
Ornamental floriculture and nursery products (0181) .....	183	9 876	3 479	223 465	42 623	(D)	(D)	80
Food crops grown under cover (0182) .....	7	61	26	1 506 111	28 111	(D)	(D)	—
General farms, primarily crop (019) .....	358	1 045 502	96 578	1 160 765	98 955	50 542	44 821	5 721
Livestock and animal specialties (02) .....	9 429	42 098 724	287 751	675 496	34 092	1 192 646	60 750	1 131 896
Livestock, except dairy, poultry, and animal specialties (021) .....	7 575	40 067 540	252 310	730 395	32 366	662 389	54 761	607 628
Beef cattle feedlots (0211) .....	181	763 924	(D)	936 382	101 143	252 453	(D)	(D)
Beef cattle, except feedlots (0212) .....	6 855	36 768 453	193 492	737 509	31 085	392 984	20 797	372 188
Hogs (0213) .....	83	10 518	(D)	90 412	19 063	625	(D)	(D)
Sheep and goats (0214) .....	397	2 510 288	2 857	716 863	26 971	15 554	454	15 100
General livestock, except dairy, poultry, and animal specialties (0219) .....	59	14 357	2 410	199 039	13 959	772	209	563
Dairy farms (024) .....	160	213 810	31 077	1 406 231	180 304	506 561	5 454	501 107
Poultry and eggs (025) .....	94	14 527	(D)	342 037	63 665	16 318	(D)	(D)
Broiler, fryer, and roaster chickens (0251) .....	1	(D)	—	(D)	(D)	(D)	(D)	(D)
Chicken eggs (0252) .....	40	1 954	(D)	427 475	102 766	14 736	(D)	(D)
Turkeys and turkey eggs (0253) .....	7	(D)	15	500 000	30 000	(D)	(D)	(D)
Poultry hatcheries (0254) .....	1	(D)	—	—	—	(D)	—	(D)
Poultry and eggs, n.e.c. (0259) .....	45	11 340	(D)	172 963	9 044	1 464	(D)	(D)
Animal specialties (027) .....	1 034	1 020 898	1 779	321 904	26 571	7 077	295	6 782
Fur-bearing animals and rabbits (0271) .....	13	1 719	(D)	293 426	5 000	9	—	9
Horses and other equines (0272) .....	971	404 023	1 531	273 927	27 278	4 881	110	4 771
Animal aquaculture (0273) .....	5	(D)	(D)	45 877	28 889	433	(D)	(D)
Animal specialties, n.e.c. (0279) .....	45	(D)	(D)	1 101 280	17 867	1 754	(D)	(D)
General farms, primarily livestock and animal specialties (029) .....	566	781 949	(D)	435 067	23 007	301	(D)	(D)

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Detail 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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