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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.

<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>9 232</b>	<b>34 088 692</b>	<b>1 743 631</b>	<b>808 346</b>	<b>61 161</b>	<b>898 527</b>	<b>173 216</b>	<b>725 311</b>
Crops (01) .....	2 174	3 675 067	588 759	616 914	76 024	160 048	137 536	22 512
Cash grains (011) .....	516	678 591	233 221	569 834	96 602	37 736	33 328	4 408
Wheat (0111) .....	227	452 217	141 706	623 247	103 689	14 516	12 797	1 719
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	52	22 747	12 312	510 967	72 139	3 654	3 402	252
Soybeans (0116) .....	237	203 627	79 203	524 025	95 712	19 566	17 129	2 437
Cash grains, n.e.c. (0119) .....								
Field crops, except cash grains (013) .....	1 255	2 620 795	266 520	702 445	67 926	79 165	(D)	(D)
Cotton (0131) .....	—	—	—	—	—	—	—	—
Tobacco (0132) .....	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133) .....	146	116 924	(D)	824 092	244 859	40 369	38 736	1 633
Irish potatoes (0134) .....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Field crops, except cash grains, n.e.c. (0139) .....	1 107	2 498 890	183 230	686 428	46 337	(D)	(D)	5 670
Vegetables and melons (016) .....	5	(D)	13	100 000	(D)	(D)	(D)	—
Fruits and tree nuts (017) .....	4	(D)	7	150 000	(D)	(D)	(D)	(D)
Berry crops (0171) .....	1	(D)	(D)	—	(D)	(D)	(D)	—
Grapes (0172) .....	—	—	—	—	—	—	—	—
Tree nuts (0173) .....	—	—	—	—	—	—	—	—
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	—	—	—	—	—	—	—	—
Fruits and tree nuts, n.e.c. (0179) .....	3	(D)	(D)	150 000	47 200	(D)	(D)	(D)
Horticultural specialties (018) .....	59	2 569	563	170 817	28 604	4 170	4 086	85
Ornamental floriculture and nursery products (0181) .....	57	(D)	(D)	111 465	31 873	(D)	(D)	85
Food crops grown under cover (0182) .....	2	(D)	(D)	360 000	(D)	(D)	(D)	—
General farms, primarily crop (019) .....	335	373 045	88 435	499 659	83 964	38 914	28 213	10 701
Livestock and animal specialties (02) .....	7 056	30 413 458	1 154 759	866 395	56 692	738 405	35 607	702 799
Livestock, except dairy, poultry, and animal specialties (021) .....	5 931	28 073 426	1 126 197	944 350	60 986	714 177	33 883	680 294
Beef cattle feedlots (0211) .....	158	569 819	40 787	835 945	91 250	105 925	4 201	101 724
Beef cattle, except feedlots (0212) .....	5 133	23 773 236	1 021 723	953 559	60 337	504 756	24 861	479 895
Hogs (0213) .....	73	10 657	1 109	194 316	27 436	23 703	39	23 664
Sheep and goats (0214) .....	490	3 296 520	46 434	960 099	52 433	70 236	2 251	67 985
General livestock, except dairy, poultry, and animal specialties (0219) .....	77	423 194	16 144	1 157 238	139 668	9 558	2 532	7 026
Dairy farms (024) .....	59	80 983	19 166	838 261	106 020	12 550	1 372	11 179
Poultry and eggs (025) .....	31	44 657	(D)	487 899	26 519	(D)	(D)	189
Broiler, fryer, and roaster chickens (0251) .....	1	(D)	—	17 000	42 000	(D)	(D)	—
Chicken eggs (0252) .....	11	2 141	(D)	500 000	23 735	8	(D)	(D)
Turkeys and turkey eggs (0253) .....	2	(D)	—	80 000	14 200	(D)	(D)	—
Poultry hatcheries (0254) .....	1	(D)	—	—	(D)	(D)	(D)	—
Poultry and eggs, n.e.c. (0259) .....	16	(D)	(D)	927 547	23 550	178	(D)	(D)
Animal specialties (027) .....	801	500 712	6 329	306 309	27 104	10 652	102	10 550
Fur-bearing animals and rabbits (0271) .....	2	(D)	(D)	—	(D)	(D)	—	(D)
Horses and other equines (0272) .....	723	347 933	4 603	297 334	25 358	3 642	82	3 559
Animal aquaculture (0273) .....	9	(D)	(D)	184 388	8 625	(D)	(D)	(D)
Animal specialties, n.e.c. (0279) .....	67	152 282	1 688	395 356	43 907	6 738	(D)	(D)
General farms, primarily livestock and animal specialties (029) .....	234	1 713 680	(D)	792 873	35 854	(D)	(D)	588

<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	0132	Tobacco
	11191	Tobacco Farming	0131	Cotton
	11192	Cotton Farming	*0133	Sugarcane and Sugar Beets (sugarcane farms)
	11193	Sugarcane Farming	*0139	Field Crops, Except Cash Grains, NEC (hay farms)
	11194	Hay Farming		
	11199	All Other Crop Farming	*0133	Sugarcane and Sugar Beets (sugar beet farms)
us	111991	Sugar Beet Farming	*0139	Field Crops, Except Cash Grains, NEC (peanut farms)
us	111992	Peanut Farming	*0139	Field Crops, Except Cash Grains, NEC (except peanut, sweet potato, yam and hay farms)
us	111998	All Other Miscellaneous Crop Farming	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	0212	Beef Cattle, Except Feedlots
us	112111	Beef Cattle Ranching and Farming	*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	0213	Hogs
	11221	Hog and Pig Farming		
	1123	Poultry and Egg Production	0252	Chicken Eggs
	11231	Chicken Egg Production	0251	Broiler, Fryers, and Roaster Chickens
	11232	Broilers and Other Meat Type Chicken Production	0253	Turkey and Turkey Eggs
	11233	Turkey Production	0254	Poultry Hatcheries
	11234	Poultry Hatcheries	0259	Poultry and Eggs, NEC
	11239	Other Poultry Production		
	1124	Sheep and Goat Farming	*0214	Sheep and Goats (sheep farms)
	11241	Sheep Farming	*0214	Sheep and Goats (goat farms)
	11242	Goat Farming		
	1125	Animal Aquaculture		
	11251	Animal Aquaculture	*0273	Animal Aquaculture (finfish farms)
us	112511	Finfish Farming and Fish Hatcheries	*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	*0279	Animal Specialties, NEC (apiculture)
	11291	Apiculture	0272	Horse and Other Equine
	11292	Horse and Other Equine Production		

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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 *0279 0291	General Livestock, Except Dairy and Poultry Animal Specialties, NEC (except apiculture) General Farms, Primarily Livestock and Animal Specialties

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