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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>74 214</b>	<b>33 218 677</b>	<b>8 462 079</b>	<b>271 996</b>	<b>36 936</b>	<b>4 146 351</b>	<b>907 865</b>	<b>3 238 485</b>
Crops (01) .....	16 102	9 075 884	4 830 031	372 207	61 956	833 835	712 284	121 552
Cash grains (011) .....	7 561	6 332 603	3 607 906	494 773	79 664	482 600	400 464	82 135
Wheat (0111) .....	5 881	4 545 199	2 580 933	460 991	73 318	300 486	245 274	55 212
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	175	277 774	169 306	992 035	161 835	41 338	39 209	2 129
Soybeans (0116) .....	502	287 164	183 111	451 774	68 163	36 213	33 099	3 114
Cash grains, n.e.c. (0119) .....	1 003	1 222 466	674 556	628 525	108 538	104 563	82 882	21 680
Field crops, except cash grains (013) .....	5 316	1 692 198	740 776	233 277	40 771	148 764	135 709	13 056
Cotton (0131) .....	276	311 538	203 778	662 875	129 653	53 468	50 202	3 266
Tobacco (0132) .....	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133) .....	—	—	—	—	—	—	—	—
Irish potatoes (0134) .....	—	—	—	—	—	—	—	—
Field crops, except cash grains, n.e.c. (0139) .....	5 040	1 380 660	536 998	206 651	35 262	95 296	85 506	9 790
Vegetables and melons (016) .....	303	50 950	21 611	253 226	30 561	11 280	10 730	551
Fruits and tree nuts (017) .....	721	106 116	41 123	155 213	25 291	7 597	6 535	1 062
Berry crops (0171) .....	47	1 619	540	73 651	9 204	308	302	5
Grapes (0172) .....	4	69	9	90 000	5 000	(D)	(D)	(D)
Tree nuts (0173) .....	262	72 529	31 505	230 307	40 194	5 746	4 876	869
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	34	3 546	1 897	172 123	21 943	(D)	(D)	(D)
Fruits and tree nuts, n.e.c. (0179) .....	374	28 353	7 172	114 204	18 375	452	293	159
Horticultural specialties (018) .....	451	41 838	19 178	341 002	78 393	108 515	108 087	429
Ornamental floriculture and nursery products (0181) .....	429	40 913	19 085	319 277	68 830	(D)	(D)	407
Food crops grown under cover (0182) .....	22	925	93	641 414	210 635	(D)	(D)	22
General farms, primarily crop (019) .....	1 750	852 179	399 437	359 699	64 046	75 078	50 759	24 319
Livestock and animal specialties (02) .....	58 064	24 139 746	3 631 525	244 301	29 981	3 311 635	194 711	3 116 924
Livestock, except dairy, poultry, and animal specialties (021) .....	50 896	22 579 443	3 411 599	249 577	29 775	2 698 690	182 598	2 516 092
Beef cattle feedlots (0211) .....	1 157	402 384	66 072	309 807	38 103	738 025	3 866	734 159
Beef cattle, except feedlots (0212) .....	47 882	21 869 271	3 276 889	249 516	28 971	1 603 503	173 953	1 429 550
Hogs (0213) .....	982	120 928	14 282	282 240	69 487	340 727	912	339 815
Sheep and goats (0214) .....	605	49 052	6 046	81 132	17 363	3 058	192	2 866
General livestock, except dairy, poultry, and animal specialties (0219) .....	270	137 808	48 310	332 142	39 959	13 377	3 674	9 703
Dairy farms (024) .....	843	407 046	132 505	372 143	72 842	168 052	8 019	160 033
Poultry and eggs (025) .....	1 157	201 232	39 216	282 289	54 806	413 626	1 715	411 911
Broiler, fryer, and roaster chickens (0251) .....	560	119 467	28 257	414 349	56 935	283 266	1 236	282 030
Chicken eggs (0252) .....	389	59 272	8 619	159 992	46 554	63 444	301	63 143
Turkeys and turkey eggs (0253) .....	31	6 368	1 237	398 610	55 293	17 458	(D)	(D)
Poultry hatcheries (0254) .....	16	2 247	(D)	98 539	675 084	47 981	—	47 981
Poultry and eggs, n.e.c. (0259) .....	161	13 878	(D)	123 695	15 695	1 476	(D)	(D)
Animal specialties (027) .....	3 106	292 418	24 582	132 271	17 836	24 049	518	23 531
Fur-bearing animals and rabbits (0271) .....	39	850	51	30 444	7 790	70	—	70
Horses and other equines (0272) .....	2 951	277 961	22 954	135 629	18 032	19 866	388	19 478
Animal aquaculture (0273) .....	22	4 883	670	207 825	31 554	2 857	53	2 804
Animal specialties, n.e.c. (0279) .....	94	8 724	907	81 826	14 824	1 256	77	1 179
General farms, primarily livestock and animal specialties (029) .....	2 062	659 607	23 623	215 384	25 249	7 218	1 861	5 358

<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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