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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>41 384</b>	<b>8 704 385</b>	<b>2 077 139</b>	<b>298 244</b>	<b>35 914</b>	<b>3 098 989</b>	<b>632 978</b>	<b>2 466 010</b>
Crops (01) .....	9 182	2 892 969	1 376 074	439 877	61 391	630 802	597 053	33 749
Cash grains (011) .....	1 635	675 697	379 200	607 345	68 484	79 047	73 219	5 828
Wheat (0111) .....	46	18 312	3 870	521 645	50 154	750	718	32
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	708	187 463	93 089	394 721	51 952	20 425	19 514	911
Soybeans (0116) .....	629	275 354	157 594	721 871	70 410	29 088	27 811	1 278
Cash grains, n.e.c. (0119) .....	252	194 568	124 647	1 039 206	123 044	28 783	25 176	3 607
Field crops, except cash grains (013) .....	4 341	1 624 304	784 137	466 171	66 961	293 221	276 591	16 630
Cotton (0131) .....	820	670 058	413 242	1 079 856	160 710	170 363	163 001	7 362
Tobacco (0132) .....	12	2 980	(D)	684 000	135 000	(D)	(D)	91
Sugarcane and sugar beets (0133) .....	1	(D)	(D)	—	—	(D)	(D)	—
Irish potatoes (0134) .....	47	18 716	14 444	821 926	145 749	8 446	8 282	164
Field crops, except cash grains, n.e.c. (0139) .....	3 461	932 332	355 346	334 184	46 451	113 189	104 176	9 013
Vegetables and melons (016) .....	601	66 084	24 080	194 882	33 669	20 122	19 264	858
Fruits and tree nuts (017) .....	907	99 766	16 825	208 111	26 036	7 113	6 780	333
Berry crops (0171) .....	104	9 075	1 057	151 951	25 443	755	739	16
Grapes (0172) .....	12	983	108	86 875	11 375	62	62	—
Tree nuts (0173) .....	211	24 341	6 624	203 129	27 936	950	850	100
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	138	14 815	4 054	253 414	38 170	4 930	4 763	167
Fruits and tree nuts, n.e.c. (0179) .....	442	50 552	4 982	208 937	21 823	415	366	49
Horticultural specialties (018) .....	656	68 707	27 002	367 057	77 743	177 201	176 593	607
Ornamental floriculture and nursery products (0181) .....	644	67 730	26 908	368 243	77 838	176 989	(D)	(D)
Food crops grown under cover (0182) .....	12	977	94	185 854	63 250	211	(D)	(D)
General farms, primarily crop (019) .....	1 042	358 411	144 830	462 429	65 552	54 098	44 605	9 493
Livestock and animal specialties (02) .....	32 117	5 806 547	700 100	260 089	28 974	2 466 851	34 592	2 432 259
Livestock, except dairy, poultry, and animal specialties (021) .....	24 374	4 305 407	544 900	235 568	25 244	275 912	15 301	260 611
Beef cattle feedlots (0211) .....	566	83 968	12 107	211 142	19 780	8 106	218	7 888
Beef cattle, except feedlots (0212) .....	22 984	4 119 389	508 861	236 677	25 422	231 800	12 350	219 450
Hogs (0213) .....	408	51 430	14 014	225 186	29 911	31 750	1 824	29 926
Sheep and goats (0214) .....	316	21 761	1 465	152 660	17 175	780	37	743
General livestock, except dairy, poultry, and animal specialties (0219) .....	100	28 859	8 453	448 068	28 258	3 477	872	2 605
Dairy farms (024) .....	197	92 120	31 005	730 320	95 186	54 065	1 517	52 548
Poultry and eggs (025) .....	3 227	422 997	101 451	372 413	57 708	2 067 556	16 472	2 051 084
Broiler, fryer, and roaster chickens (0251) .....	2 442	339 482	83 143	389 510	55 132	1 643 552	13 728	1 629 824
Chicken eggs (0252) .....	635	69 368	17 392	367 072	54 118	206 150	2 711	203 439
Turkeys and turkey eggs (0253) .....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Poultry hatcheries (0254) .....	33	(D)	(D)	274 858	332 602	213 783	—	213 783
Poultry and eggs, n.e.c. (0259) .....	114	12 951	858	95 696	23 317	(D)	(D)	(D)
Animal specialties (027) .....	2 215	312 493	18 781	265 369	32 430	67 561	920	66 642
Fur-bearing animals and rabbits (0271) .....	12	273	(D)	102 231	20 038	17	(D)	(D)
Horses and other equines (0272) .....	1 872	172 721	7 017	219 100	22 667	8 394	190	8 204
Animal aquaculture (0273) .....	240	120 770	11 409	537 154	99 003	57 569	720	56 849
Animal specialties, n.e.c. (0279) .....	91	18 729	(D)	441 413	35 858	1 582	(D)	(D)
General farms, primarily livestock and animal specialties (029) .....	2 104	673 530	3 963	349 627	23 993	1 755	382	1 373

<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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