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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>49 406</b>	<b>9 122 379</b>	<b>4 233 693</b>	<b>375 895</b>	<b>49 106</b>	<b>7 676 523</b>	<b>2 595 213</b>	<b>5 081 310</b>
Crops (01) .....	23 529	5 803 773	3 363 333	429 765	63 228	2 432 097	2 355 983	76 114
Cash grains (011) .....	4 589	1 320 911	976 536	458 514	60 468	288 545	281 296	7 249
Wheat (0111) .....	292	31 572	17 455	239 207	27 646	2 925	2 904	22
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	1 299	292 488	179 693	364 641	42 876	48 847	47 977	870
Soybeans (0116) .....	1 700	274 321	190 247	291 641	40 630	41 696	40 766	930
Cash grains, n.e.c. (0119) .....	1 298	722 530	589 141	808 050	110 311	195 077	189 649	5 428
Field crops, except cash grains (013) .....	13 443	3 418 334	1 776 070	434 622	64 170	1 459 586	1 431 465	28 121
Cotton (0131) .....	781	535 391	384 729	806 091	140 657	187 388	184 979	2 409
Tobacco (0132) .....	9 651	2 479 105	1 207 069	435 581	65 640	1 162 582	1 138 547	24 035
Sugar cane and sugar beets (0133) .....	—	—	—	—	—	—	—	—
Irish potatoes (0134) .....	52	25 723	23 711	768 807	154 955	17 523	17 519	4
Field crops, except cash grains, n.e.c. (0139) .....	2 959	378 115	160 561	321 734	36 514	92 092	90 420	1 673
Vegetables and melons (016) .....	1 002	78 195	30 814	213 985	29 855	47 491	46 018	1 473
Fruits and tree nuts (017) .....	809	79 208	19 420	272 862	34 117	27 301	26 968	333
Berry crops (0171) .....	207	20 250	4 608	203 299	34 106	9 491	(D)	(D)
Grapes (0172) .....	27	2 211	217	209 262	36 363	363	363	—
Tree nuts (0173) .....	17	679	154	119 960	28 522	(D)	(D)	—
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	288	29 388	11 767	358 641	40 476	16 688	16 561	127
Fruits and tree nuts, n.e.c. (0179) .....	270	26 680	2 674	273 664	26 023	(D)	(D)	(D)
Horticultural specialties (018) .....	1 735	91 577	30 426	302 722	51 351	265 504	265 094	410
Ornamental floriculture and nursery products (0181) .....	1 676	89 390	30 047	308 837	52 421	263 278	262 885	394
Food crops grown under cover (0182) .....	59	2 187	379	167 862	27 760	2 226	2 210	16
General farms, primarily crop (019) .....	1 951	815 548	530 067	621 987	104 162	343 670	305 142	38 529
Livestock and animal specialties (02) .....	24 847	3 232 481	845 000	330 210	36 273	5 194 965	190 190	5 004 775
Livestock, except dairy, poultry, and animal specialties (021) .....	17 318	2 171 811	523 228	308 096	31 049	2 806 946	106 810	2 700 136
Beef cattle feedlots (0211) .....	441	47 303	10 100	265 671	27 749	9 433	397	9 036
Beef cattle, except feedlots (0212) .....	14 332	1 591 667	266 377	265 713	23 187	112 299	7 379	104 920
Hogs (0213) .....	2 008	493 550	240 176	677 775	96 861	2 681 896	98 284	2 583 612
Sheep and goats (0214) .....	426	23 741	1 750	190 566	15 830	1 368	34	1 333
General livestock, except dairy, poultry, and animal specialties (0219) .....	111	15 550	4 825	264 303	26 375	1 951	716	1 235
Dairy farms (024) .....	607	241 761	125 773	937 935	107 311	197 356	8 884	188 472
Poultry and eggs (025) .....	3 561	486 476	170 973	440 807	71 003	2 120 219	66 720	2 053 500
Broiler, fryer, and roaster chickens (0251) .....	1 974	249 672	93 749	409 076	68 926	1 150 010	36 531	1 113 479
Chicken eggs (0252) .....	814	67 869	17 752	299 015	64 090	207 588	5 472	202 117
Turkeys and turkey eggs (0253) .....	630	111 656	54 713	547 748	75 797	593 255	23 998	569 257
Poultry hatcheries (0254) .....	30	(D)	(D)	3 832 955	507 148	165 969	(D)	(D)
Poultry and eggs, n.e.c. (0259) .....	113	(D)	(D)	239 010	25 102	3 397	(D)	(D)
Animal specialties (027) .....	2 323	125 118	7 546	217 942	23 327	42 337	322	42 015
Fur-bearing animals and rabbits (0271) .....	16	511	79	62 801	4 444	213	13	200
Horses and other equines (0272) .....	2 065	109 317	7 061	227 408	22 685	14 380	260	14 120
Animal aquaculture (0273) .....	118	10 116	151	172 015	31 529	16 160	37	16 122
Animal specialties, n.e.c. (0279) .....	124	5 174	255	115 464	28 096	11 584	12	11 572
General farms, primarily livestock and animal specialties (029) .....	1 038	207 315	17 480	350 202	25 463	28 107	7 455	20 652

<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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