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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>73 367</b>	<b>25 994 621</b>	<b>18 968 607</b>	<b>407 863</b>	<b>84 613</b>	<b>8 290 264</b>	<b>4 200 970</b>	<b>4 089 293</b>
Crops (01) .....	38 617	17 592 099	14 565 816	534 212	104 167	3 995 377	3 694 392	300 985
Cash grains (011) .....	28 110	14 550 237	12 477 778	612 587	116 952	3 180 072	2 919 629	260 443
Wheat (0111) .....	1 315	1 026 514	806 682	483 088	115 850	93 200	91 665	1 534
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	11 442	5 097 642	4 481 250	621 989	116 903	1 248 570	1 222 894	25 677
Soybeans (0116) .....	6 905	2 598 732	2 237 795	463 894	88 923	507 058	498 372	8 686
Cash grains, n.e.c. (0119) .....	8 448	5 827 349	4 952 051	738 080	139 455	1 331 244	1 106 697	224 546
Field crops, except cash grains (013) .....	6 633	2 300 849	1 646 420	333 606	73 795	505 167	499 361	5 806
Cotton (0131) .....	—	—	—	—	—	—	—	—
Tobacco (0132) .....	—	—	—	—	—	—	—	—
Sugarcane and sugar beets (0133) .....	941	1 109 213	1 033 045	1 071 118	268 116	321 538	320 771	768
Irish potatoes (0134) .....	129	160 496	137 573	1 457 551	88 923	319 063	94 349	693
Field crops, except cash grains, n.e.c. (0139) .....	5 563	1 031 140	475 802	176 662	33 577	88 586	84 241	4 345
Vegetables and melons (016) .....	585	88 530	59 909	287 070	61 533	33 795	33 465	330
Fruits and tree nuts (017) .....	442	28 940	5 889	177 433	44 684	8 619	8 494	125
Berry crops (0171) .....	168	10 526	1 547	125 193	40 699	2 044	(D)	(D)
Grapes (0172) .....	10	279	32	144 857	4 429	(D)	(D)	(D)
Tree nuts (0173) .....	—	—	—	—	—	—	—	—
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	166	11 243	3 628	232 677	52 645	6 406	6 326	81
Fruits and tree nuts, n.e.c. (0179) .....	98	6 892	682	138 388	40 942	(D)	(D)	(D)
Horticultural specialties (018) .....	832	67 089	29 278	296 243	76 820	143 161	143 002	159
Ornamental floriculture and nursery products (0181) .....	807	66 136	28 973	298 649	78 047	138 454	(D)	(D)
Food crops grown under cover (0182) .....	25	953	305	246 653	51 522	4 707	(D)	(D)
General farms, primarily crop (019) .....	2 015	556 454	346 542	325 919	58 159	124 564	90 441	34 122
Livestock and animal specialties (02) .....	34 481	8 368 904	4 392 505	272 074	63 745	4 284 071	495 797	3 788 273
Livestock, except dairy, poultry, and animal specialties (021) .....	17 509	4 143 699	2 228 653	269 259	53 137	2 092 275	285 503	1 806 771
Beef cattle feedlots (0211) .....	2 501	633 904	418 032	312 125	64 359	303 449	51 931	251 518
Beef cattle, except feedlots (0212) .....	9 353	2 009 480	640 062	164 353	32 921	217 577	28 490	189 087
Hogs (0213) .....	3 731	1 119 349	936 971	517 710	102 073	1 453 034	171 598	1 281 435
Sheep and goats (0214) .....	1 069	80 901	20 884	138 082	17 838	12 229	1 211	11 018
General livestock, except dairy, poultry, and animal specialties (0219) .....	855	300 065	212 704	434 001	85 949	105 986	32 273	73 713
Dairy farms (024) .....	7 991	2 653 239	1 754 065	343 116	110 134	1 239 632	139 290	1 100 341
Poultry and eggs (025) .....	803	154 617	77 725	464 424	138 026	758 263	17 927	740 335
Broiler, fryer, and roaster chickens (0251) .....	166	28 061	15 186	214 013	81 958	59 651	2 417	57 233
Chicken eggs (0252) .....	215	26 138	12 521	615 196	135 090	159 302	2 349	156 953
Turkeys and turkey eggs (0253) .....	257	85 098	48 651	703 206	215 071	456 668	13 014	443 654
Poultry hatcheries (0254) .....	15	916	(D)	567 373	551 806	77 241	—	77 241
Poultry and eggs, n.e.c. (0259) .....	150	14 404	(D)	148 456	26 632	5 401	147	5 253
Animal specialties (027) .....	2 435	159 072	20 815	145 739	27 989	41 311	962	40 349
Fur-bearing animals and rabbits (0271) .....	72	2 783	(D)	142 885	72 551	10 085	(D)	(D)
Horses and other equines (0272) .....	1 992	124 480	16 254	143 993	24 014	10 995	372	10 623
Animal aquaculture (0273) .....	47	7 170	(D)	382 662	47 088	2 949	(D)	(D)
Animal specialties, n.e.c. (0279) .....	324	24 639	4 228	102 866	43 232	17 282	555	16 727
General farms, primarily livestock and animal specialties (029) .....	5 743	1 258 277	311 247	213 726	38 717	152 591	52 114	100 477

<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)

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	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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