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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>29 011</b>	<b>15 179 710</b>	<b>4 895 633</b>	<b>634 619</b>	<b>69 693</b>	<b>4 767 727</b>	<b>3 251 291</b>	<b>1 516 436</b>
Crops (01) .....	14 818	8 650 953	4 494 485	775 197	105 075	3 238 387	3 193 125	45 263
Cash grains (011) .....	3 114	6 077 110	2 920 579	1 315 373	179 841	594 596	577 789	16 808
Wheat (0111) .....	2 504	5 366 931	2 529 556	1 363 429	184 536	499 121	486 781	12 340
Rice (0112) .....	—	—	—	—	—	—	—	—
Corn (0115) .....	75	18 329	15 339	511 771	157 691	7 948	7 866	81
Soybeans (0116) .....	—	—	—	—	—	—	—	—
Cash grains, n.e.c. (0119) .....	535	691 850	375 684	1 178 631	159 077	87 528	83 141	4 387
Field crops, except cash grains (013) .....	3 829	1 360 617	855 120	806 582	95 749	816 779	804 111	12 669
Cotton (0131) .....	—	—	—	—	—	—	—	—
Tobacco (0132) .....	—	—	—	—	—	—	—	—
Sugar cane and sugar beets (0133) .....	10	9 170	8 250	3 767 938	263 118	7 199	(D)	(D)
Irish potatoes (0134) .....	218	458 017	331 320	4 019 264	416 316	433 291	431 357	1 934
Field crops, except cash grains, n.e.c. (0139) .....	3 601	893 430	515 550	606 381	75 957	376 289	(D)	(D)
Vegetables and melons (016) .....	721	227 453	162 416	889 469	123 359	226 834	224 608	2 226
Fruits and tree nuts (017) .....	5 341	518 764	318 794	503 252	75 888	1 214 755	1 210 913	3 842
Berry crops (0171) .....	429	23 979	12 710	341 950	58 230	43 843	43 613	230
Grapes (0172) .....	426	52 764	36 605	655 768	86 724	97 120	96 965	154
Tree nuts (0173) .....	32	1 045	357	378 621	13 500	389	386	3
Citrus fruits (0174) .....	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175) .....	3 975	421 214	256 519	542 423	82 984	1 050 524	1 047 440	3 085
Fruits and tree nuts, n.e.c. (0179) .....	479	19 762	12 603	225 465	31 848	22 878	22 509	370
Horticultural specialties (018) .....	1 086	53 114	26 166	358 467	56 218	232 047	231 748	299
Ornamental floriculture and nursery products (0181) .....	1 027	51 890	25 763	353 636	58 148	213 091	212 823	267
Food crops grown under cover (0182) .....	59	1 224	403	436 537	25 013	18 957	18 925	32
General farms, primarily crop (019) .....	727	413 895	211 410	880 305	111 822	153 375	143 956	9 419
Livestock and animal specialties (02) .....	13 716	6 485 154	386 720	504 079	35 095	1 503 856	32 810	1 471 045
Livestock, except dairy, poultry, and animal specialties (021) .....	8 899	4 699 167	251 862	513 742	26 962	584 543	16 746	567 797
Beef cattle feedlots (0211) .....	655	235 617	18 929	443 724	32 741	371 429	3 313	368 116
Beef cattle, except feedlots (0212) .....	7 248	4 365 579	216 823	546 740	27 320	201 344	11 514	189 830
Hogs (0213) .....	291	16 454	6 212	185 813	22 701	6 334	1 018	5 316
Sheep and goats (0214) .....	577	41 778	3 317	272 169	17 099	2 748	101	2 647
General livestock, except dairy, poultry, and animal specialties (0219) .....	128	39 739	6 581	608 972	26 082	2 688	800	1 889
Dairy farms (024) .....	893	207 824	122 891	925 472	137 884	680 397	13 632	666 766
Poultry and eggs (025) .....	279	17 386	3 145	527 789	91 592	174 237	1 461	172 776
Broiler, fryer, and roaster chickens (0251) .....	66	6 363	2 041	525 907	90 024	58 742	(D)	(D)
Chicken eggs (0252) .....	124	7 060	946	424 540	153 688	103 403	110	103 293
Turkeys and turkey eggs (0253) .....	4	91	(D)	123 125	17 779	(D)	(D)	(D)
Poultry hatcheries (0254) .....	5	110	—	219 712	56 375	(D)	—	(D)
Poultry and eggs, n.e.c. (0259) .....	80	3 762	(D)	720 054	24 476	1 079	20	1 058
Animal specialties (027) .....	2 959	165 942	6 635	255 308	25 879	63 438	561	62 876
Fur-bearing animals and rabbits (0271) .....	47	1 656	110	152 792	77 860	4 637	(D)	(D)
Horses and other equines (0272) .....	2 500	131 555	5 687	251 410	23 932	13 058	244	12 814
Animal aquaculture (0273) .....	78	13 069	258	516 045	47 491	39 775	(D)	(D)
Animal specialties, n.e.c. (0279) .....	334	19 662	580	230 530	30 398	5 968	229	5 739
General farms, primarily livestock and animal specialties (029) .....	686	1 394 835	2 187	868 318	36 674	1 240	411	830

<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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