
Appendix E.

Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System

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 Manual¹ 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.

¹North 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 ¹ , 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
Total²	1 911 859	931 795 255	309 395 475	449 748	57 678	196 864 649	98 055 656	98 808 993
Crops (01)	826 681	376 884 907	234 806 402	581 143	80 972	96 453 983	91 550 073	4 903 910
Cash grains (011)	385 230	260 045 855	178 359 543	723 147	105 509	43 889 550	40 330 196	3 559 354
Wheat (0111)	50 000	63 676 106	31 392 584	590 443	100 746	3 914 544	3 604 192	310 352
Rice (0112)	6 091	5 411 531	3 936 324	1 077 909	172 402	1 588 264	1 569 711	18 554
Corn (0115)	128 359	64 412 369	51 380 903	791 703	105 777	15 442 219	14 946 002	496 217
Soybeans (0116)	89 979	34 741 212	27 664 811	542 798	78 320	6 643 715	6 482 464	161 251
Cash grains, n.e.c. (0119)	110 801	91 804 637	63 984 921	831 861	126 064	16 300 807	13 727 827	2 572 980
Field crops, except cash grains (013)	237 694	75 612 891	37 015 472	396 157	58 015	17 322 522	16 779 879	542 643
Cotton (0131)	18 974	20 269 763	14 788 173	1 091 132	183 736	5 852 735	5 773 811	78 924
Tobacco (0132)	65 686	9 851 725	3 126 320	226 624	35 669	2 872 596	2 673 669	198 926
Sugarcane and sugar beets (0133)	3 301	3 782 896	2 971 177	1 688 162	277 546	1 710 379	1 698 847	11 531
Irish potatoes (0134)	3 403	3 417 502	2 554 583	1 469 919	304 755	2 381 215	2 360 607	20 607
Field crops, except cash grains, n.e.c. (0139)	146 330	38 291 005	13 575 219	331 521	41 598	4 505 598	4 272 944	232 654
Vegetables and melons (016)	26 735	6 438 578	3 953 423	675 375	83 107	8 172 997	8 117 591	55 406
Fruits and tree nuts (017)	82 524	10 286 565	5 185 230	581 778	50 676	12 379 563	12 310 479	69 084
Berry crops (0171)	7 648	817 674	204 297	390 467	58 332	1 327 742	1 325 362	2 380
Grapes (0172)	10 759	1 916 551	1 007 363	1 044 824	71 527	3 393 810	3 382 942	10 868
Tree nuts (0173)	13 336	1 853 918	1 084 369	612 418	54 438	1 698 054	1 687 442	10 612
Citrus fruits (0174)	13 352	2 407 961	1 290 178	769 144	44 989	2 347 072	2 347 297	24 775
Deciduous tree fruits (0175)	17 020	1 924 140	1 123 452	508 699	66 708	2 770 484	2 758 855	11 630
Fruits and tree nuts, n.e.c. (0179)	20 409	1 366 321	475 571	324 108	25 348	817 401	808 581	8 820
Horticultural specialties (018)	44 660	2 880 940	1 086 345	375 066	61 322	10 428 205	10 403 281	24 923
Ornamental floriculture and nursery products (0181)	43 151	2 800 223	1 073 345	364 850	59 128	9 350 496	9 326 543	23 954
Food crops grown under cover (0182)	1 509	80 717	13 000	692 015	129 395	1 077 708	1 076 739	970
General farms, primarily crop (019)	49 838	21 620 078	9 206 389	482 286	65 279	4 261 146	3 608 647	652 499
Livestock and animal specialties (02)	1 070 733	553 628 330	74 249 632	351 871	40 250	99 957 647	6 055 825	93 901 822
Livestock, except dairy, poultry, and animal specialties (021)	772 778	472 629 531	52 479 407	355 765	34 742	52 860 652	4 168 748	48 691 904
Beef cattle feedlots (0211)	43 412	20 431 461	5 904 692	431 985	61 152	19 993 660	1 728 544	19 265 116
Beef cattle, except feedlots (0212)	639 508	411 471 182	34 795 371	343 798	29 888	17 008 759	1 586 770	15 421 989
Hogs (0213)	45 198	11 306 467	7 431 388	438 883	75 231	13 541 318	1 304 187	12 237 131
Sheep and goats (0214)	29 255	20 025 294	558 189	297 199	22 953	621 629	27 336	594 293
General livestock, except dairy, poultry, and animal specialties (0219)	15 405	9 395 127	3 789 767	519 189	70 374	1 695 287	521 911	1 173 376
Dairy farms (024)	86 247	30 711 075	17 374 263	500 208	103 898	20 943 660	1 158 837	19 784 823
Poultry and eggs (025)	36 615	5 417 677	1 652 610	397 539	72 624	22 695 618	347 961	22 347 657
Broiler, fryer, and roaster chickens (0251)	18 705	2 934 914	909 902	418 326	65 883	12 370 944	185 371	12 185 573
Chicken eggs (0252)	10 082	1 224 974	365 145	372 500	82 111	4 893 555	73 545	4 820 010
Turkeys and turkey eggs (0253)	3 395	804 062	339 182	571 427	98 332	3 343 250	82 624	3 260 626
Poultry hatcheries (0254)	486	77 770	7 586	498 474	338 989	1 852 738	1 283	1 851 455
Poultry and eggs, n.e.c. (0259)	3 947	375 957	30 795	210 327	25 245	235 131	5 139	229 993
Animal specialties (027)	94 040	12 058 035	569 362	232 066	26 031	2 398 466	33 406	2 365 060
Fur-bearing animals and rabbits (0271)	1 383	56 465	6 518	138 675	32 164	107 064	678	106 386
Horses and other equines (0272)	81 610	8 646 872	430 681	227 873	23 257	976 370	15 627	960 743
Animal aquaculture (0273)	3 078	642 798	51 750	342 411	71 473	800 197	10 475	789 723
Animal specialties, n.e.c. (0279)	7 969	2 711 900	80 413	244 661	33 516	514 835	6 626	508 210
General farms, primarily livestock and animal specialties (029)	81 053	32 812 012	2 173 990	281 258	30 222	1 059 250	346 872	712 378

¹Data are based on a sample of farms.

²Detail 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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