
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 | 28 268 | 32 634 221 | 5 896 984 | 707 165 | 71 417 | 4 534 213 | 1 326 944 | 3 207 269 |
| Crops (01) | 11 370 | 11 323 515 | 4 505 048 | 717 396 | 106 967 | 1 311 228 | 1 222 493 | 88 735 |
| Cash grains (011) | 4 575 | 7 614 203 | 3 377 678 | 898 799 | 141 804 | 598 332 | 543 566 | 54 766 |
| Wheat (0111) | 2 279 | 4 577 841 | 1 811 441 | 837 854 | 118 593 | 182 169 | 167 799 | 14 370 |
| Rice (0112) | — | — | — | — | — | — | — | — |
| Corn (0115) | 1 306 | 1 512 883 | 859 975 | 1 019 643 | 177 855 | 275 118 | 255 352 | 19 766 |
| Soybeans (0116) | — | — | — | — | — | — | — | — |
| Cash grains, n.e.c. (0119) | 990 | 1 523 479 | 706 262 | 874 396 | 145 665 | 141 045 | 120 416 | 20 630 |
| Field crops, except cash grains (013) | 4 566 | 2 163 402 | 782 895 | 568 810 | 75 343 | 285 474 | 270 550 | 14 924 |
| Cotton (0131) | — | — | — | — | — | — | — | — |
| Tobacco (0132) | — | — | — | — | — | — | — | — |
| Sugar cane and sugar beets (0133) | 51 | 25 448 | 16 469 | 919 223 | 60 865 | 6 880 | 6 746 | 134 |
| Irish potatoes (0134) | 194 | 200 785 | 133 925 | 1 853 933 | 446 780 | 115 949 | 114 463 | 1 486 |
| Field crops, except cash grains, n.e.c. (0139) | 4 321 | 1 937 169 | 632 501 | 514 724 | 61 293 | 162 645 | 149 341 | 13 304 |
| Vegetables and melons (016) | 284 | 90 963 | 67 235 | 703 924 | 160 374 | 105 768 | 104 924 | 844 |
| Fruits and tree nuts (017) | 472 | 22 139 | 7 776 | 259 897 | 40 566 | 10 128 | 10 022 | 106 |
| Berry crops (0171) | 9 | 105 | 52 | 282 820 | 20 455 | 52 | 52 | — |
| Grapes (0172) | 31 | 1 136 | 389 | 207 821 | 33 179 | 1 020 | (D) | (D) |
| Tree nuts (0173) | — | — | — | — | — | — | — | — |
| Citrus fruits (0174) | — | — | — | — | — | — | — | — |
| Deciduous tree fruits (0175) | 272 | 18 115 | 6 368 | 282 694 | 52 207 | 9 014 | 8 922 | 92 |
| Fruits and tree nuts, n.e.c. (0179) | 160 | 2 783 | 967 | 209 109 | 15 898 | 42 | (D) | (D) |
| Horticultural specialties (018) | 500 | 112 864 | 18 662 | 622 076 | 93 315 | 207 794 | 207 311 | 483 |
| Ornamental floriculture and nursery products (0181) | 475 | 111 573 | 18 489 | 545 608 | 90 056 | 158 883 | (D) | (D) |
| Food crops grown under cover (0182) | 25 | 1 291 | 173 | 2 732 584 | 183 259 | 48 911 | (D) | (D) |
| General farms, primarily crop (019) | 973 | 1 319 944 | 250 802 | 811 566 | 108 901 | 103 732 | 86 120 | 17 612 |
| Livestock and animal specialties (02) | 16 868 | 21 307 612 | 1 390 152 | 701 323 | 48 071 | 3 219 337 | 100 817 | 3 118 520 |
| Livestock, except dairy, poultry, and animal specialties (021) | 12 730 | 19 450 354 | 1 304 059 | 790 065 | 50 224 | 2 834 183 | 92 115 | 2 742 067 |
| Beef cattle feedlots (0211) | 785 | 1 200 495 | 166 501 | 882 624 | 146 105 | 1 907 704 | 26 586 | 1 881 118 |
| Beef cattle, except feedlots (0212) | 10 605 | 17 146 099 | 1 023 423 | 815 960 | 43 595 | 589 854 | 53 575 | 536 279 |
| Hogs (0213) | 385 | 133 649 | 18 918 | 352 610 | 51 031 | 170 821 | 2 576 | 168 245 |
| Sheep and goats (0214) | 735 | 637 894 | 43 524 | 577 224 | 35 853 | 140 147 | 3 445 | 136 703 |
| General livestock, except dairy, poultry, and animal specialties (0219) | 220 | 332 217 | 51 693 | 647 791 | 56 236 | 25 656 | 5 934 | 19 722 |
| Dairy farms (024) | 300 | 191 397 | 52 176 | 783 439 | 161 027 | 208 098 | 4 826 | 203 272 |
| Poultry and eggs (025) | 145 | 17 805 | 1 417 | 362 713 | 155 846 | 142 243 | 287 | 141 956 |
| Broiler, fryer, and roaster chickens (0251) | 3 | 67 | (D) | — | — | 5 | — | 5 |
| Chicken eggs (0252) | 85 | 7 477 | 888 | 369 622 | 385 497 | 66 503 | (D) | (D) |
| Turkeys and turkey eggs (0253) | 6 | (D) | (D) | 565 891 | 39 604 | (D) | (D) | (D) |
| Poultry hatcheries (0254) | 4 | (D) | (D) | 527 400 | 60 000 | (D) | (D) | (D) |
| Poultry and eggs, n.e.c. (0259) | 47 | 4 541 | 349 | 293 512 | 14 792 | 541 | (D) | (D) |
| Animal specialties (027) | 2 499 | 667 932 | 15 097 | 364 007 | 26 769 | 26 690 | 850 | 25 840 |
| Fur-bearing animals and rabbits (0271) | 18 | 483 | (D) | 274 250 | 57 111 | (D) | — | (D) |
| Horses and other equines (0272) | 2 239 | 541 816 | 10 975 | 366 024 | 25 795 | 13 588 | 515 | 13 072 |
| Animal aquaculture (0273) | 32 | 4 995 | (D) | 526 182 | 85 196 | (D) | (D) | (D) |
| Animal specialties, n.e.c. (0279) | 210 | 120 638 | 3 946 | 337 625 | 31 142 | 8 290 | (D) | (D) |
| General farms, primarily livestock and animal specialties (029) | 1 194 | 980 124 | 17 403 | 447 768 | 30 184 | 8 123 | 2 738 | 5 385 |

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) |

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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