

**Table 13. Value of Machinery and Equipment on Place: 1982 and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

| Value of machinery and equipment                            | 1982   |                 | 1978   |                 |
|---|--------|-----------------|--------|-----------------|
|   | Farms  | Value (\$1,000) | Farms  | Value (\$1,000) |
| Estimated market value of all machinery and equipment ..... | 60 123 | 4 088 785       | 63 686 | 3 461 586       |
| Average per farm <sup>1</sup> .....                         | (X)    | 68 007          | (X)    | 54 354          |
| By value group:   |        |                 |        |                 |
| \$1 to \$999 .....  | 171    | 87              | 207    | 89              |
| \$1,000 to \$4,999 .....                                    | 2 395  | 7 396           | 3 515  | 10 677          |
| \$5,000 to \$9,999 .....                                    | 6 693  | 45 650          | 7 869  | 52 415          |
| \$10,000 to \$19,999 .....                                  | 8 120  | 108 006         | 9 839  | 130 684         |
| \$20,000 to \$29,999 .....                                  | 6 848  | 155 521         | 7 868  | 179 153         |
| \$30,000 to \$49,999 .....                                  | 8 233  | 302 308         | 9 604  | 349 802         |
| \$50,000 to \$69,999 .....                                  | 6 898  | 380 950         | 7 737  | 428 722         |
| \$70,000 to \$99,999 .....                                  | 6 269  | 505 037         | 5 829  | 465 390         |
| \$100,000 to \$199,999 .....                                | 9 912  | 1 280 176       | 8 310  | 1 063 648       |
| \$200,000 to \$499,999 .....                                | 4 297  | 1 094 198       | 2 781  | 683 696         |
| \$500,000 or more .....                                     | 287    | 209 456         | 127    | 97 311          |

<sup>1</sup>Data are in whole dollars.

**Table 14. Selected Machinery and Equipment on Place: 1982 and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

| Selected machinery and equipment                     | 1982   |         |                           |        |                            |         | 1978   |         |                                  |
|--|--------|---------|---------------------------|--------|----------------------------|---------|--------|---------|----------------------------------|
|  | Total  |         | Manufactured 1978 to 1982 |        | Manufactured prior to 1978 |         | Farms  | Number  | Number manufactured 1974 to 1978 |
|  | Farms  | Number  | Farms                     | Number | Farms                      | Number  |        |         |                                  |
| Automobiles .....                                    | 50 787 | 78 230  | 26 461                    | 31 536 | 32 677                     | 46 694  | 55 684 | 83 830  | 37 145                           |
| 2 or 3 .....   | 17 424 | 38 372  | 3 877                     | 8 356  | 9 183                      | 20 040  | 18 678 | 41 024  | 10 504                           |
| 4 or more .....                                      | 1 743  | 8 238   | 160                       | 756    | 856                        | 4 016   | 1 575  | 7 375   | 1 284                            |
| Motortrucks, including pickups .....                 | 54 748 | 118 872 | 25 755                    | 34 114 | 43 927                     | 84 758  | 57 572 | 118 597 | 41 561                           |
| 2 or 3 .....   | 24 720 | 57 730  | 4 885                     | 10 677 | 18 506                     | 42 810  | 25 312 | 58 573  | 14 495                           |
| 4 or more .....                                      | 7 400  | 38 514  | 609                       | 3 176  | 4 159                      | 20 686  | 6 706  | 34 470  | 4 931                            |
| Wheel tractors .....                                 | 53 134 | 164 308 | 15 999                    | 22 875 | 49 310                     | 141 433 | 57 727 | 175 569 | 25 922                           |
| 2 or 3 .....   | 24 772 | 62 440  | 3 778                     | 8 435  | 24 824                     | 61 440  | 28 617 | 71 415  | 9 742                            |
| 4 or more .....                                      | 18 349 | 91 855  | 563                       | 2 782  | 14 057                     | 69 564  | 19 068 | 94 112  | 2 637                            |
| Grain and bean combines, self-propelled only .....   | 30 842 | 34 032  | 8 873                     | 9 230  | 22 402                     | 24 802  | 31 822 | 35 083  | 9 710                            |
| Corn heads for combines .....                        | 23 767 | 25 484  | 7 668                     | 8 070  | 16 335                     | 17 414  | 23 327 | 24 623  | 9 203                            |
| Cottonpickers and strippers <sup>1</sup> .....       | -      | -       | -                         | -      | -                          | -       | -      | -       | -                                |
| Mower conditioners .....                             | 14 089 | 15 497  | 3 892                     | 4 093  | 10 358                     | 11 404  | 13 438 | 14 740  | 4 133                            |
| Pickup balers .....                                  | 17 093 | 18 906  | 4 526                     | 4 793  | 13 211                     | 14 113  | 15 874 | 16 968  | 3 561                            |
| Field forage harvesters, shear bar or flywheel ..... | 11 603 | 12 538  | 2 220                     | 2 370  | 9 509                      | 10 168  | 12 884 | 13 870  | 3 218                            |

<sup>1</sup>Data for 1978 exclude cotton strippers.

**Table 15. Selected Characteristics of Farms by Standard Industrial Classification: 1982**

[For meaning of abbreviations and symbols, see introductory text]

| SIC code  | Farms  | Land in farms (acres) | Harvested cropland (acres) | Value of selected capital assets <sup>1</sup> , average per farm (dollars) |                         | Market value of sales (\$1,000) |  |  |
|---|--------|-----------------------|----------------------------|--|-------------------------|---------------------------------|--|--|
|   |        |                       |                            | Land and buildings   | Machinery and equipment | Total                           | Crops, including nursery and greenhouse products | Livestock, poultry, and their products |
| Total .....   | 60 243 | 44 961 371            | 17 075 625                 | 531 835  | 68 007                  | 6 625 742                       | 2 379 811  | 4 245 931                              |
| Crops (01) .....  | 31 682 | 18 750 968            | 10 756 248                 | 570 759  | 78 620                  | 2 347 633                       | 1 967 005  | 380 628                                |
| Cash grains (011) .....                                   | 29 258 | 17 630 651            | 10 252 070                 | 587 912  | 80 767                  | 2 222 639                       | 1 870 420  | 352 219                                |
| Wheat (0111) .....  | 3 253  | 3 071 939             | 1 138 948                  | 471 580  | 52 985                  | 138 126                         | 121 480  | 16 645                                 |
| Rice (0112) .....   | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Corn (0115) .....   | 12 140 | 7 506 569             | 4 660 748                  | 697 411  | 98 043                  | 1 219 763                       | 1 066 951  | 152 812                                |
| Soybeans (0116) .....                                     | 2 212  | 661 863               | 532 449                    | 412 041  | 55 878                  | 92 657                          | 87 081   | 5 575                                  |
| Cash grains, n.e.c. (0119) .....                          | 11 653 | 6 390 280             | 3 919 925                  | 543 872  | 75 924                  | 772 093                         | 594 907  | 177 187                                |
| Field crops, except cash grains (013) .....               | 1 224  | 549 113               | 249 999                    | 315 832  | 46 765                  | 47 208                          | 44 698   | 2 510                                  |
| Cotton (0131) .....                                       | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Tobacco (0132) .....                                      | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Sugar crops (0133) .....                                  | 67     | 28 489                | 21 317                     | 507 000  | 147 889                 | 7 162                           | 6 714  | 449                                    |
| Irish potatoes (0134) .....                               | 24     | 19 685                | 12 756                     | 1 732 000  | 230 500                 | 10 415                          | 10 185   | 230                                    |
| Field crops, except cash grains, n.e.c. (0139) .....      | 1 133  | 500 939               | 215 926                    | 289 032  | 41 376                  | 29 630                          | 27 800   | 1 831                                  |
| Vegetables and melons (016) .....                         | 47     | 1 411                 | 945                        | (D)  | 12 625                  | 579                             | 574  | 4                                      |
| Fruits and tree nuts (017) .....                          | 24     | 1 062                 | 551                        | 193 545  | 23 045                  | 456                             | 456  | -                                      |
| Berry crops (0171) .....                                  | 6      | 318                   | 136                        | -  | -                       | 244                             | 244  | -                                      |
| Grapes (0172) .....                                       | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Tree nuts (0173) .....                                    | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Citrus fruits (0174) .....                                | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Deciduous tree fruits (0175) .....                        | 8      | 510                   | 357                        | 187 000  | 24 250                  | 209                             | 209  | -                                      |
| Fruits and tree nuts, n.e.c. (0179) .....                 | 10     | 234                   | 58                         | 259 000  | 11 000                  | 3                               | 3  | -                                      |
| Horticultural specialties (018) .....                     | 145    | 5 254                 | 2 316                      | (D)  | 36 600                  | 8 748                           | 8 571  | 177                                    |
| Ornamental floriculture and nursery products (0181) ..... | 141    | 5 237                 | 2 305                      | 177 083  | 36 918                  | 8 593                           | 8 416  | 177                                    |
| Food crops grown under cover (0182) .....                 | 3      | (D)                   | (D)                        | 200 000  | (D)                     | (D)                             | (D)  | -                                      |
| Horticultural specialties, n.e.c. (0189) .....            | 1      | (D)                   | (D)                        | (D)  | (D)                     | (D)                             | (D)  | -                                      |
| General farms, primarily crop (019) .....                 | 984    | 563 477               | 250 367                    | 451 723  | 64 035                  | 68 004                          | 42 286   | 25 718                                 |

See footnotes at end of table.

**Table 15. Selected Characteristics of Farms by Standard Industrial Classification: 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

| SIC code  | Farms  | Land in farms (acres) | Harvested cropland (acres) | Value of selected capital assets <sup>1</sup> , average per farm (dollars) |                         | Market value of sales (\$1,000) |  |  |
|---|--------|-----------------------|----------------------------|--|-------------------------|---------------------------------|--|--|
|   |        |                       |                            | Land and buildings   | Machinery and equipment | Total                           | Crops, including nursery and greenhouse products | Livestock, poultry, and their products |
| Livestock (02) -----  | 28 561 | 26 210 403            | 6 319 377                  | 489 972  | 56 219                  | 4 278 109                       | 412 806  | 3 865 303                              |
| Livestock, except dairy, poultry, and animal specialties (021) -----          | 25 345 | 24 870 865            | 5 816 084                  | 512 167  | 56 736                  | 4 037 016                       | 376 345  | 3 660 671                              |
| Beef cattle feedlots (0211) -----   | 4 564  | 4 291 040             | 1 697 332                  | 741 981  | 97 697                  | 2 492 829                       | 127 451  | 2 365 378                              |
| Beef cattle, except feedlots (0212) -----                                     | 10 870 | 16 738 948            | 2 165 832                  | 553 267  | 38 977                  | 645 444                         | 78 868   | 566 576                                |
| Hogs (0213) -----   | 6 301  | 1 708 857             | 956 261                    | 284 317  | 49 437                  | 566 875                         | 70 450   | 496 426                                |
| Sheep and goats (0214) -----  | 394    | 37 693                | 9 147                      | 81 149   | 14 557                  | 10 137                          | 868  | 9 269                                  |
| General livestock, except dairy, poultry, and animal specialties (0219) ----- | 3 216  | 2 094 327             | 987 512                    | 526 711  | 74 840                  | 321 731                         | 98 709   | 223 023                                |
| Dairy farms (024) -----   | 1 421  | 604 998               | 308 324                    | 339 160  | 71 610                  | 135 409                         | 16 552   | 118 858                                |
| Poultry and eggs (025) -----  | 192    | 23 979                | 9 856                      | 153 674  | 42 406                  | 42 954                          | 1 516  | 41 438                                 |
| Broiler, fryer, and roaster chickens (0251) -----                             | 12     | 267                   | 5                          | 23 811   | 5 889                   | 15                              | -  | 15                                     |
| Chicken eggs (0252) -----   | 142    | 19 044                | 8 710                      | 164 644  | 46 309                  | 35 401                          | 1 388  | 34 013                                 |
| Turkeys and turkey eggs (0253) -----  | 16     | 3 634                 | 959                        | 187 143  | 44 063                  | 6 312                           | 97   | 6 215                                  |
| Poultry hatcheries (0254) -----   | 11     | 339                   | 125                        | 133 111  | 35 256                  | 1 161                           | 26   | 1 135                                  |
| Poultry and eggs, n.e.c. (0259) -----   | 11     | 695                   | 57                         | 163 429  | 54 658                  | 66                              | 6  | 60                                     |
| Animal specialties (027) -----  | 768    | 142 391               | 6 687                      | 123 834  | 13 562                  | 8 374                           | 277  | 8 097                                  |
| Fur-bearing animals and rabbits (0271) -----                                  | 23     | 140                   | 9                          | 32 200   | 7 862                   | 258                             | (Z)  | 258                                    |
| Horses and other equines (0272) -----   | 602    | 130 540               | 6 192                      | 140 479  | 12 533                  | 4 535                           | 217  | 4 317                                  |
| Animal specialties, n.e.c. (0279) -----                                       | 143    | 11 711                | 486                        | 76 618   | 19 436                  | 3 582                           | 60   | 3 522                                  |
| General farms, primarily livestock (029) -----                                | 835    | 568 170               | 178 426                    | 499 127  | 59 590                  | 54 355                          | 18 116   | 36 239                                 |

<sup>1</sup>Data are based on a sample of farms.

**Table 16. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

| Chemicals used   | 1982       | 1978       | Chemicals used  | 1982      | 1978      |
|--|------------|------------|---|-----------|-----------|
| Any chemicals, fertilizer, or lime used ----- farms... | 46 250     | 52 648     | Any chemicals, fertilizer, or lime used—Con.  |           |           |
| Commercial fertilizer ----- farms...                   | 42 945     | 47 710     | Other agricultural chemicals <sup>1</sup> ----- farms...  | 37 355    | 45 510    |
| acres on which used... \$1,000...                      | 11 535 057 | 11 478 570 | \$1,000...  | 141 128   | 88 096    |
| 325 124  |            | 267 026    | Sprays, dusts, granules, fumigants, etc., to control—   |           |           |
| Lime ----- farms...                                    | 1 015      | 1 325      | Insects on hay and other crops ----- farms...   | 21 095    | 24 325    |
| acres on which used...                                 | 72 137     | 93 368     | acres on which used...  | 4 759 313 | 4 944 394 |
| tons...  | 124 533    | 152 123    | Nematodes in crops ----- farms...   | 2 069     | 2 886     |
| Farms by tons used:                                    |            |            | acres on which used...  | 352 949   | 433 868   |
| 1 to 49 tons -----                                     | 424        | 486        | Diseases in crops and orchards ----- farms...   | 1 076     | 1 327     |
| 50 to 99 tons -----                                    | 212        | 332        | acres on which used...  | 203 434   | 195 346   |
| 100 to 199 tons -----                                  | 196        | 301        | Weeds, grass, or brush in crops and pasture ----- farms...  | 29 742    | 32 637    |
| 200 to 499 tons -----                                  | 148        | 164        | acres on which used...  | 7 667 601 | 6 987 160 |
| 500 to 999 tons -----                                  | 32         | 38         | Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms... | 697       | 718       |
| 1,000 tons or more -----                               | 3          | 4          | acres on which used...  | 129 668   | 97 557    |

<sup>1</sup>Data for 1978 include the cost of lime which was not collected in 1982.