

**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 ..... | 73 238 | 3 830 616       | 74 028 | 3 137 696       |
| Average per farm <sup>1</sup> .....                         | (X)    | 52 304          | (X)    | 42 385          |
| By value group:   |        |                 |        |                 |
| \$1 to \$999 .....  | 98     | 57              | 331    | 166             |
| \$1,000 to \$4,999 .....                                    | 3 908  | 11 998          | 6 116  | 18 658          |
| \$5,000 to \$9,999 .....                                    | 13 687 | 91 476          | 13 493 | 89 921          |
| \$10,000 to \$19,999 .....                                  | 12 077 | 157 750         | 13 132 | 171 595         |
| \$20,000 to \$29,999 .....                                  | 8 690  | 199 806         | 9 321  | 214 710         |
| \$30,000 to \$49,999 .....                                  | 9 785  | 363 797         | 10 199 | 374 910         |
| \$50,000 to \$69,999 .....                                  | 7 074  | 392 622         | 6 934  | 382 732         |
| \$70,000 to \$99,999 .....                                  | 5 536  | 449 343         | 5 374  | 428 249         |
| \$100,000 to \$199,999 .....                                | 8 617  | 1 109 011       | 7 068  | 894 815         |
| \$200,000 to \$499,999 .....                                | 3 546  | 899 833         | 1 943  | 471 400         |
| \$500,000 or more .....                                     | 220    | 154 922         | 117    | 90 540          |

<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 .....                                    | 56 356 | 81 033  | 29 388                    | 34 023 | 35 133                     | 47 010  | 59 641 | 84 312  | 37 523                           |
| 2 or 3 .....   | 16 771 | 36 772  | 3 673                     | 7 808  | 8 602                      | 18 730  | 16 908 | 37 209  | 9 813                            |
| 4 or more .....                                      | 1 336  | 6 012   | 136                       | 636    | 514                        | 2 263   | 1 229  | 5 599   | 755                              |
| Motortrucks, including pickups .....                 | 66 885 | 159 424 | 29 745                    | 39 514 | 55 914                     | 119 910 | 68 431 | 160 842 | 47 998                           |
| 2 or 3 .....   | 29 735 | 70 864  | 5 576                     | 12 396 | 25 193                     | 59 385  | 32 242 | 76 270  | 16 319                           |
| 4 or more .....                                      | 12 500 | 63 910  | 697                       | 3 646  | 7 617                      | 37 421  | 11 959 | 60 342  | 5 494                            |
| Wheel tractors .....                                 | 62 969 | 149 870 | 15 628                    | 21 129 | 56 181                     | 128 741 | 66 155 | 157 327 | 23 950                           |
| 2 or 3 .....   | 32 456 | 77 977  | 3 526                     | 7 758  | 29 961                     | 71 288  | 36 602 | 87 461  | 9 220                            |
| 4 or more .....                                      | 10 940 | 52 320  | 368                       | 1 637  | 7 741                      | 36 974  | 10 999 | 51 312  | 1 540                            |
| Grain and bean combines, self-propelled only .....   | 38 503 | 46 662  | 7 107                     | 7 681  | 32 458                     | 38 981  | 39 651 | 47 142  | 8 191                            |
| Corn heads for combines .....                        | 7 827  | 8 321   | 1 500                     | 1 588  | 6 397                      | 6 733   | 8 530  | 9 150   | 2 876                            |
| Cottonpickers and strippers <sup>1</sup> .....       | -      | -       | -                         | -      | -                          | -       | -      | -       | -                                |
| Mower conditioners .....                             | 17 416 | 18 932  | 4 385                     | 4 637  | 13 219                     | 14 295  | 16 301 | 17 144  | 5 023                            |
| Pickup balers .....                                  | 27 088 | 31 998  | 6 709                     | 7 271  | 21 981                     | 24 727  | 26 585 | 29 222  | 6 678                            |
| Field forage harvesters, shear bar or flywheel ..... | 8 809  | 9 367   | 1 412                     | 1 494  | 7 454                      | 7 873   | 10 097 | 10 778  | 2 288                            |

<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 .....   | 73 315 | 47 052 213            | 20 186 974                 | 384 197  | 52 304                  | 6 190 861                       | 2 143 047  | 4 047 815                              |
| Crops (01) .....  | 40 777 | 28 468 637            | 15 089 707                 | 441 765  | 61 843                  | 2 103 020                       | 1 779 440  | 323 580                                |
| Cash grains (011) .....                                   | 37 211 | 27 203 606            | 14 471 798                 | 454 812  | 63 853                  | 1 971 925                       | 1 674 521  | 297 404                                |
| Wheat (0111) .....  | 21 588 | 15 613 852            | 7 780 498                  | 418 948  | 55 993                  | 889 937                         | 775 924  | 114 014                                |
| Rice (0112) .....   | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Corn (0115) .....   | 1 354  | 1 192 754             | 793 014                    | 701 088  | 108 624                 | 190 835                         | 177 852  | 12 984                                 |
| Soybeans (0116) .....                                     | 3 084  | 1 109 667             | 726 688                    | 289 408  | 46 087                  | 91 223                          | 84 040   | 7 183                                  |
| Cash grains, n.e.c. (0119) .....                          | 11 185 | 9 287 333             | 5 171 598                  | 536 963  | 78 220                  | 799 929                         | 636 706  | 163 223                                |
| Field crops, except cash grains (013) .....               | 1 666  | 479 279               | 277 234                    | 241 083  | 33 435                  | 43 685                          | 41 781   | 1 904                                  |
| Cotton (0131) .....                                       | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Tobacco (0132) .....                                      | 6      | 221                   | 71                         | 90 000   | 10 000                  | 31                              | 27   | 5                                      |
| Sugar crops (0133) .....                                  | 19     | 16 803                | 10 557                     | 964 625  | 206 971                 | 3 298                           | 3 187  | 111                                    |
| Irish potatoes (0134) .....                               | 4      | 2 553                 | 2 097                      | 1 770 000  | 590 000                 | 673                             | 670  | 3                                      |
| Field crops, except cash grains, n.e.c. (0139) .....      | 1 637  | 459 702               | 264 509                    | 236 938  | 32 323                  | 39 683                          | 37 897   | 1 786                                  |
| Vegetables and melons (016) .....                         | 146    | 8 642                 | 5 422                      | 128 968  | 19 603                  | 3 113                           | 3 040  | 73                                     |
| Fruits and tree nuts (017) .....                          | 175    | 6 947                 | 2 939                      | 83 931   | 18 482                  | 1 228                           | 1 198  | 30                                     |
| Berry crops (0171) .....                                  | 21     | 877                   | 395                        | 75 071   | 17 625                  | 293                             | 288  | 6                                      |
| Grapes (0172) .....                                       | 1      | (D)                   | (D)                        | -  | -                       | (D)                             | (D)  | -                                      |
| Tree nuts (0173) .....                                    | 9      | (D)                   | (D)                        | 55 333   | 39 485                  | 44                              | 43   | 1                                      |
| Citrus fruits (0174) .....                                | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Deciduous tree fruits (0175) .....                        | 50     | 2 647                 | 1 412                      | 110 195  | 26 179                  | 873                             | 850  | 23                                     |
| Fruits and tree nuts, n.e.c. (0179) .....                 | 94     | 2 752                 | 751                        | 68 983   | 12 162                  | (D)                             | (D)  | (Z)                                    |
| Horticultural specialties (018) .....                     | 230    | 12 702                | 6 717                      | 175 721  | 44 559                  | 21 632                          | 21 538   | 94                                     |
| Ornamental floriculture and nursery products (0181) ..... | 219    | 12 669                | 6 702                      | 187 618  | 46 630                  | 21 494                          | 21 400   | 94                                     |
| Food crops grown under cover (0182) .....                 | 11     | 33                    | 15                         | 42 059   | 21 294                  | 138                             | 138  | -                                      |
| Horticultural specialties, n.e.c. (0189) .....            | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| General farms, primarily crop (019) .....                 | 1 349  | 757 461               | 325 597                    | 440 151  | 52 841                  | 61 436                          | 37 361   | 24 075                                 |

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) .....  | 32 538 | 18 583 576            | 5 097 267                  | 311 356  | 40 334                  | 4 087 842                       | 363 607  | 3 724 235                              |
| Livestock, except dairy, poultry, and animal specialties (021) .....          | 28 322 | 16 830 678            | 4 452 318                  | 315 836  | 39 831                  | 3 829 975                       | 323 602  | 3 506 373                              |
| Beef cattle feedlots (0211) .....   | 2 303  | 2 388 357             | 824 903                    | 660 699  | 92 080                  | 2 497 078                       | 65 277   | 2 431 800                              |
| Beef cattle, except feedlots (0212) .....                                     | 19 768 | 11 700 633            | 2 447 246                  | 289 173  | 32 317                  | 881 820                         | 170 699  | 711 121                                |
| Hogs (0213) .....   | 3 722  | 1 068 400             | 499 626                    | 212 899  | 41 031                  | 282 190                         | 34 356   | 247 834                                |
| Sheep and goats (0214) .....  | 479    | 46 130                | 15 493                     | 124 240  | 18 543                  | 9 024                           | 853  | 8 171                                  |
| General livestock, except dairy, poultry, and animal specialties (0219) ..... | 2 050  | 1 627 158             | 665 050                    | 437 033  | 59 315                  | 159 862                         | 52 416   | 107 446                                |
| Dairy farms (024) .....   | 1 804  | 939 299               | 450 654                    | 382 671  | 70 738                  | 186 787                         | 25 508   | 161 279                                |
| Poultry and eggs (025) .....  | 232    | 34 647                | 20 430                     | 148 491  | 31 649                  | 26 533                          | 1 874  | 24 659                                 |
| Broiler, fryer, and roaster chickens (0251) .....                             | 5      | 906                   | 620                        | 93 278   | 11 778                  | 138                             | 64   | 73                                     |
| Chicken eggs (0252) .....   | 201    | 30 938                | 18 592                     | 160 589  | 32 256                  | 22 001                          | 1 681  | 20 321                                 |
| Turkeys and turkey eggs (0253) .....  | 6      | 675                   | 424                        | 65 571   | 75 811                  | 1 525                           | 64   | 1 461                                  |
| Poultry hatcheries (0254) .....   | 6      | 112                   | 10                         | 109 875  | 7 682                   | 2 412                           | -  | 2 412                                  |
| Poultry and eggs, n.e.c. (0259) .....   | 14     | 2 016                 | 784                        | 126 091  | 13 045                  | 458                             | 65   | 393                                    |
| Animal specialties (027) .....  | 1 129  | 82 577                | 9 896                      | 128 028  | 13 459                  | 7 507                           | 282  | 7 225                                  |
| Fur-bearing animals and rabbits (0271) .....                                  | 19     | 88                    | 4                          | 49 529   | 105 533                 | 88                              | -  | 88                                     |
| Horses and other equines (0272) .....   | 1 031  | 78 351                | 9 523                      | 135 224  | 11 664                  | 5 638                           | 275  | 5 364                                  |
| Animal specialties, n.e.c. (0279) .....                                       | 79     | 4 138                 | 369                        | 46 679   | 18 535                  | 1 781                           | 7  | 1 774                                  |
| General farms, primarily livestock (029) .....                                | 1 051  | 696 375               | 163 969                    | 321 891  | 35 051                  | 37 039                          | 12 341   | 24 698                                 |

<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 ..... | 53 833     | 59 096     | Any chemicals, fertilizer, or lime used—Con.   |           |           |
| Commercial fertilizer .....                   | 49 644     | 54 046     | Other agricultural chemicals <sup>1</sup> .....  | 34 068    | 42 427    |
| acres on which used .....                     | 14 569 402 | 14 127 330 | \$1,000 .....  | 94 957    | 68 543    |
| \$1,000 .....                                 | 254 590    | 252 403    | Sprays, dusts, granules, fumigants, etc., to control—                                    |           |           |
| Lime .....                                    | 2 514      | 3 662      | Insects on hay and other crops .....   | 14 733    | 16 035    |
| acres on which used .....                     | 148 897    | 215 038    | acres on which used .....  | 2 861 551 | 2 980 702 |
| tons .....                                    | 375 467    | 527 020    | Nematodes in crops .....   | 699       | 1 292     |
| Farms by tons used:                           |            |            | acres on which used .....  | 130 368   | 167 310   |
| 1 to 49 tons .....                            | 751        | 1 212      | Diseases in crops and orchards .....   | 925       | 1 429     |
| 50 to 99 tons .....                           | 538        | 857        | acres on which used .....  | 131 390   | 221 875   |
| 100 to 199 tons .....                         | 676        | 774        | Weeds, grass, or brush in crops and pasture .....  | 28 058    | 33 257    |
| 200 to 499 tons .....                         | 419        | 635        | acres on which used .....  | 5 907 509 | 6 070 765 |
| 500 to 999 tons .....                         | 105        | 141        | Chemicals used for defoliation or for growth control of crops or thinning of fruit ..... | 737       | 606       |
| 1,000 tons or more .....                      | 25         | 43         | acres on which used .....  | 95 589    | 64 314    |

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