

**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 | 76 925 | 3 464 195       | 82 294 | 3 118 331       |
| Average per farm <sup>1</sup>                         | (X)    | 45 033          | (X)    | 37 893          |
| By value group:                                       |        |                 |        |                 |
| \$1 to \$999  | 217    | 119             | 410    | 182             |
| \$1,000 to \$4,999                                    | 6 401  | 19 703          | 8 575  | 25 244          |
| \$5,000 to \$9,999                                    | 16 611 | 110 794         | 18 118 | 122 136         |
| \$10,000 to \$19,999                                  | 14 079 | 184 657         | 15 726 | 205 624         |
| \$20,000 to \$29,999                                  | 8 766  | 199 728         | 8 868  | 203 029         |
| \$30,000 to \$49,999                                  | 8 637  | 315 855         | 9 775  | 359 910         |
| \$50,000 to \$69,999                                  | 6 461  | 362 089         | 6 575  | 365 781         |
| \$70,000 to \$99,999                                  | 5 095  | 409 573         | 5 083  | 405 455         |
| \$100,000 to \$199,999                                | 7 483  | 972 651         | 7 220  | 916 191         |
| \$200,000 to \$499,999                                | 3 036  | 773 468         | 1 861  | 453 560         |
| \$500,000 or more                                     | 139    | 115 559         | 83     | 61 219          |

<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                                    | 56 448 | 80 257  | 30 693                    | 36 727 | 33 792                     | 43 530  | 63 282 | 88 601  | 46 120                           |
| 2 or 3   | 16 489 | 36 299  | 4 733                     | 10 045 | 7 327                      | 15 823  | 17 836 | 38 983  | 13 189                           |
| 4 or more                                      | 1 125  | 5 124   | 195                       | 917    | 339                        | 1 581   | 1 188  | 5 360   | 940                              |
| Motortrucks, including pickups                 | 66 338 | 112 156 | 28 310                    | 33 458 | 50 368                     | 78 698  | 70 301 | 114 390 | 45 980                           |
| 2 or 3   | 22 903 | 52 160  | 3 559                     | 7 710  | 16 061                     | 36 056  | 23 729 | 53 257  | 12 838                           |
| 4 or more                                      | 4 254  | 20 815  | 237                       | 1 234  | 2 250                      | 10 585  | 3 702  | 18 263  | 2 538                            |
| Wheel tractors                                 | 68 206 | 167 563 | 16 962                    | 24 418 | 63 437                     | 143 145 | 73 806 | 176 767 | 33 820                           |
| 2 or 3   | 33 522 | 81 315  | 4 687                     | 10 512 | 32 013                     | 76 732  | 39 267 | 94 564  | 15 030                           |
| 4 or more                                      | 13 430 | 64 994  | 463                       | 2 094  | 9 288                      | 44 277  | 12 837 | 60 501  | 3 685                            |
| Grain and bean combines, self-propelled only   | 32 125 | 34 646  | 8 615                     | 8 958  | 24 004                     | 25 688  | 34 568 | 37 402  | 12 639                           |
| Corn heads for combines                        | 29 217 | 31 391  | 8 401                     | 8 790  | 21 180                     | 22 601  | 30 658 | 32 638  | 12 718                           |
| Cottonpickers and strippers <sup>1</sup>       | -      | -       | -                         | -      | -                          | -       | -      | -       | -                                |
| Mower conditioners                             | 14 599 | 15 583  | 3 836                     | 3 964  | 10 898                     | 11 619  | 14 896 | 15 733  | 5 577                            |
| Pickup balers                                  | 21 992 | 23 947  | 3 918                     | 4 063  | 18 780                     | 19 884  | 22 910 | 23 838  | 4 753                            |
| Field forage harvesters, shear bar or flywheel | 6 416  | 6 917   | 1 334                     | 1 369  | 5 127                      | 5 548   | 6 369  | 6 912   | 2 111                            |

<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   | 77 180 | 16 294 268            | 12 136 310                 | 338 549  | 45 033                  | 4 226 930                       | 2 439 409  | 1 787 521                              |
| Crops (01)  | 47 239 | 11 941 665            | 9 587 085                  | 405 510  | 51 160                  | 2 430 007                       | 2 168 029  | 261 977                                |
| Cash grains (011)                                   | 40 998 | 11 340 354            | 9 325 504                  | 443 940  | 55 438                  | 2 276 717                       | 2 028 488  | 248 228                                |
| Wheat (0111)  | 724    | 49 310                | 29 511                     | 102 687  | 14 663                  | 3 480                           | 3 371  | 109                                    |
| Rice (0112)   | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Corn (0115)   | 19 450 | 5 956 075             | 4 965 064                  | 498 397  | 62 380                  | 1 243 038                       | 1 180 624  | 62 414                                 |
| Soybeans (0116)                                     | 11 126 | 1 862 730             | 1 516 236                  | 272 167  | 35 416                  | 288 676                         | 279 113  | 9 583                                  |
| Cash grains, n.e.c. (0119)                          | 9 698  | 3 472 239             | 2 814 693                  | 549 355  | 66 524                  | 741 522                         | 565 380  | 176 142                                |
| Field crops, except cash grains (013)               | 3 533  | 321 854               | 108 313                    | 119 948  | 17 794                  | 41 791                          | 38 659   | 3 132                                  |
| Cotton (0131)                                       | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Tobacco (0132)                                      | 2 233  | 183 831               | 34 856                     | 86 531   | 14 028                  | 19 326                          | 17 138   | 2 188                                  |
| Sugar crops (0133)                                  | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Irish potatoes (0134)                               | 35     | 5 155                 | 3 513                      | 371 588  | 80 412                  | 1 959                           | 1 852  | 107                                    |
| Field crops, except cash grains, n.e.c. (0139)      | 1 265  | 132 868               | 69 944                     | 179 296  | 24 036                  | 20 505                          | 19 669   | 836                                    |
| Vegetables and melons (016)                         | 475    | 50 201                | 38 103                     | 237 677  | 37 772                  | 25 042                          | 24 550   | 492                                    |
| Fruits and tree nuts (017)                          | 463    | 25 619                | 10 470                     | 113 635  | 18 143                  | 11 740                          | 11 600   | 140                                    |
| Berry crops (0171)                                  | 138    | 4 646                 | 1 695                      | 90 315   | 14 629                  | 2 124                           | 2 108  | 16                                     |
| Grapes (0172)                                       | 16     | 2 446                 | 226                        | 121 000  | 11 458                  | 126                             | 126  | (Z)                                    |
| Tree nuts (0173)                                    | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Citrus fruits (0174)                                | -      | -                     | -                          | -  | -                       | -                               | -  | -                                      |
| Deciduous tree fruits (0175)                        | 202    | 15 047                | 7 566                      | 123 056  | 24 226                  | 9 197                           | 9 086  | 111                                    |
| Fruits and tree nuts, n.e.c. (0179)                 | 107    | 3 480                 | 983                        | 115 972  | 8 465                   | 294                             | 281  | 13                                     |
| Horticultural specialties (018)                     | 440    | 21 724                | 7 888                      | 217 834  | 42 421                  | 45 942                          | 45 715   | 227                                    |
| Ornamental floriculture and nursery products (0181) | 404    | 20 565                | 7 732                      | (D)  | (D)                     | 37 541                          | 37 314   | 227                                    |
| Food crops grown under cover (0182)                 | 35     | (D)                   | (D)                        | 511 862  | 138 134                 | (D)                             | (D)  | (Z)                                    |
| Horticultural specialties, n.e.c. (0189)            | 1      | (D)                   | (D)                        | (D)  | (D)                     | (D)                             | (D)  | -                                      |
| General farms, primarily crop (019)                 | 1 330  | 181 913               | 96 807                     | 183 708  | 24 655                  | 28 775                          | 19 016   | 9 759                                  |

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) .....  | 29 941 | 4 352 603             | 2 549 225                  | 232 291  | 35 317                  | 1 796 923                       | 271 380  | 1 525 544                              |
| Livestock, except dairy, poultry, and animal specialties (021) .....          | 23 444 | 3 195 720             | 1 794 049                  | 216 955  | 30 633                  | 1 105 375                       | 197 215  | 908 160                                |
| Beef cattle feedlots (0211) .....   | 3 874  | 470 789               | 249 708                    | 212 139  | 29 368                  | 147 613                         | 26 015   | 121 598                                |
| Beef cattle, except feedlots (0212) .....                                     | 8 547  | 739 715               | 160 760                    | 114 898  | 15 092                  | 105 760                         | 8 101  | 97 659                                 |
| Hogs (0213) .....   | 8 609  | 1 512 607             | 1 084 958                  | 301 945  | 45 772                  | 733 299                         | 127 604  | 605 695                                |
| Sheep and goats (0214) .....  | 526    | 18 745                | 3 673                      | 95 655   | 9 937                   | 1 303                           | 169  | 1 134                                  |
| General livestock, except dairy, poultry, and animal specialties (0219) ..... | 1 888  | 453 864               | 294 950                    | 346 936  | 41 867                  | 117 401                         | 35 326   | 82 075                                 |
| Dairy farms (024) .....   | 3 293  | 770 184               | 531 651                    | 354 123  | 64 052                  | 286 620                         | 41 218   | 245 403                                |
| Poultry and eggs (025) .....  | 1 002  | 112 484               | 66 311                     | 262 272  | 73 472                  | 327 308                         | 12 027   | 315 280                                |
| Broiler, fryer, and roaster chickens (0251) .....                             | 101    | 6 466                 | 3 029                      | 177 977  | 99 656                  | 15 748                          | 422  | 15 326                                 |
| Chicken eggs (0252) .....   | 644    | 73 521                | 44 327                     | 287 095  | 79 416                  | 232 977                         | 8 783  | 224 193                                |
| Turkeys and turkey eggs (0253) .....  | 171    | 24 851                | 13 582                     | 233 882  | 55 289                  | 50 262                          | 1 958  | 48 304                                 |
| Poultry hatcheries (0254) .....   | 10     | 435                   | 318                        | 629 286  | 190 728                 | 10 986                          | 105  | 10 881                                 |
| Poultry and eggs, n.e.c. (0259) .....   | 76     | 7 211                 | 5 055                      | 197 447  | 31 865                  | 17 335                          | 759  | 16 577                                 |
| Animal specialties (027) .....  | 1 275  | 43 495                | 6 280                      | 88 454   | 11 058                  | 12 946                          | 300  | 12 647                                 |
| Fur-bearing animals and rabbits (0271) .....                                  | 91     | 845                   | 130                        | 29 303   | 7 881                   | 787                             | 4  | 782                                    |
| Horses and other equines (0272) .....   | 1 088  | 39 103                | 6 031                      | 97 181   | 11 266                  | 7 284                           | 281  | 7 004                                  |
| Animal specialties, n.e.c. (0279) .....                                       | 96     | 3 547                 | 119                        | 82 825   | 13 127                  | 4 875                           | 14   | 4 861                                  |
| General farms, primarily livestock (029) .....                                | 927    | 230 720               | 150 934                    | 381 737  | 52 109                  | 64 674                          | 20 620   | 44 054                                 |

<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 ..... | 63 469    | 72 460    | Any chemicals, fertilizer, or lime used—Con.   |           |           |
| Commercial fertilizer .....                   | 58 386    | 67 630    | Other agricultural chemicals <sup>1</sup> .....  | 52 473    | 63 936    |
| acres on which used .....                     | 9 538 238 | 9 997 971 | \$1,000 .....  | 173 999   | 115 557   |
| \$1,000 .....                                 | 453 678   | 352 541   | Sprays, dusts, granules, fumigants, etc., to control—                                    |           |           |
| Lime .....                                    | 11 758    | 14 333    | Insects on hay and other crops .....   | 20 236    | 22 579    |
| acres on which used .....                     | 504 893   | 663 152   | acres on which used .....  | 2 807 547 | 2 926 938 |
| tons .....                                    | 1 095 193 | 1 547 225 | Nematodes in crops .....   | 2 138     | 3 737     |
| tons .....                                    |           |           | acres on which used .....  | 247 550   | 452 158   |
| Farms by tons used:                           |           |           | Diseases in crops and orchards .....   | 2 042     | 2 249     |
| 1 to 49 tons .....                            | 5 870     | 6 083     | acres on which used .....  | 151 307   | 176 423   |
| 50 to 99 tons .....                           | 2 590     | 3 282     | Weeds, grass, or brush in crops and pasture .....  | 44 440    | 49 012    |
| 100 to 199 tons .....                         | 1 950     | 2 890     | acres on which used .....  | 8 781 984 | 8 138 624 |
| 200 to 499 tons .....                         | 1 085     | 1 690     | Chemicals used for defoliation or for growth control of crops or thinning of fruit ..... | 1 901     | 1 797     |
| 500 to 999 tons .....                         | 193       | 304       | acres on which used .....  | 133 043   | 111 878   |
| 1,000 tons or more .....                      | 70        | 84        |  |           |           |

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