

Table 1. Farms, Land in Farms, and Land Use: 1978 and 1974

|   | All farms |         |        |         | Farms with sales of \$2,500 or more |         |         |         |
|---|-----------|---------|--------|---------|-------------------------------------|---------|---------|---------|
|   | 1978      |         | 1974   |         | 1978                                |         | 1974    |         |
|   | Farms     | Acres   | Farms  | Acres   | Farms                               | Acres   | Farms   | Acres   |
| Farms   | 1 549     | 429 737 | 1 615  | 437 137 | 1 169                               | 385 446 | 1 081   | 366 944 |
| Average size of farm  | (X)       | 277     | (X)    | 271     | (X)                                 | 330     | (X)     | 339     |
| Approximate land area   | (X)       | 902 400 | (X)    | 902 400 | (X)                                 | 902 400 | (X)     | 902 400 |
| Proportion in farms   | (X)       | 47.6    | (X)    | 48.4    | (X)                                 | 42.7    | (X)     | 40.7    |
| Value of land and buildings: <sup>1</sup>   |           |         |        |         |                                     |         |         |         |
| Average per farm  | 121 442   | (X)     | 82 410 | (X)     | 144 526                             | (X)     | 102 558 | (X)     |
| Average per acre  | (X)       | 434     | (X)    | 304     | (X)                                 | 441     | (X)     | 302     |
| Land in farms according to use:   |           |         |        |         |                                     |         |         |         |
| Total cropland  | 1 525     | 245 039 | 1 599  | 255 231 | 1 158                               | 224 431 | 1 073   | 219 871 |
| Harvested cropland  | 1 496     | 177 192 | 1 536  | 172 336 | 1 145                               | 167 226 | 1 067   | 156 368 |
| By acres harvested:   |           |         |        |         |                                     |         |         |         |
| 1 to 9 acres  | 100       | 497     | 78     | (NA)    | 43                                  | 227     | 33      | (NA)    |
| 10 to 19 acres  | 119       | 1 645   | 120    | (NA)    | 42                                  | 556     | 26      | (NA)    |
| 20 to 29 acres  | 127       | 2 950   | 163    | (NA)    | 47                                  | 1 120   | 64      | (NA)    |
| 30 to 49 acres  | 218       | 8 184   | 235    | (NA)    | 133                                 | 5 099   | 100     | (NA)    |
| 50 to 99 acres  | 335       | 23 361  | 345    | (NA)    | 290                                 | 20 597  | 263     | (NA)    |
| 100 to 199 acres  | 343       | 48 490  | 350    | (NA)    | 336                                 | 47 562  | 336     | (NA)    |
| 200 to 499 acres  | 208       | 60 831  | 212    | (NA)    | 208                                 | 60 831  | 212     | (NA)    |
| 500 to 999 acres  | 43        | 27 835  | 29     | (NA)    | 43                                  | 27 835  | 29      | (NA)    |
| 1,000 acres or more   | 3         | 3 399   | 4      | (NA)    | 3                                   | 3 399   | 4       | (NA)    |
| Cropland used only for pasture  | 872       | 44 356  | 986    | 56 706  | 678                                 | 38 912  | 632     | 43 879  |
| Other cropland  | 608       | 23 491  | 550    | 26 189  | 454                                 | 18 293  | 352     | 19 624  |
| Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured | 142       | 4 881   | (NA)   | (NA)    | 116                                 | 4 163   | 139     | 5 984   |
| Cropland on which all crops failed  | 75        | 1 202   | (NA)   | (NA)    | 54                                  | 987     | 72      | 1 701   |
| Cropland in cultivated summer fallow  | 49        | 1 571   | (NA)   | (NA)    | 37                                  | 1 333   | 42      | 1 009   |
| Cropland idle   | 450       | 15 837  | (NA)   | (NA)    | 329                                 | 11 810  | 180     | 10 930  |
| Total woodland  | 1 275     | 111 207 | 1 343  | 106 512 | 983                                 | 95 908  | 920     | 85 351  |
| Woodland pastured   | 501       | 25 222  | (NA)   | (NA)    | 396                                 | 21 911  | 429     | 21 877  |
| Woodland not pastured   | 1 068     | 85 985  | (NA)   | (NA)    | 827                                 | 73 997  | 761     | 63 474  |
| Other land  | 1 253     | 73 491  | 1 336  | 75 394  | 948                                 | 65 107  | 912     | 61 722  |
| Pastureland and rangeland, other than cropland and woodland pastured                      | 567       | 40 224  | (NA)   | (NA)    | 464                                 | 36 026  | 452     | 33 780  |
| Land in house lots, ponds, roads, wasteland, etc.   | 1 177     | 33 267  | (NA)   | (NA)    | 890                                 | 29 081  | 861     | 27 942  |
| Pastureland, all types  | 1 228     | 109 802 | (NA)   | (NA)    | 940                                 | 96 849  | (NA)    | 99 536  |
| Irrigated land  | 19        | 667     | 11     | 897     | 17                                  | (D)     | 11      | 897     |
| Harvested cropland irrigated  | 19        | (D)     | (NA)   | (NA)    | 17                                  | (D)     | 11      | 897     |
| Pastureland irrigated   | -         | -       | (NA)   | (NA)    | -                                   | -       | (NA)    | -       |
| Other land irrigated  | 2         | (D)     | (NA)   | (NA)    | 2                                   | (D)     | -       | -       |
| Land set aside in the federal farm programs in 1978                                       | 187       | 2 725   | (X)    | (X)     | 179                                 | 2 658   | (X)     | (X)     |

<sup>1</sup>1978 data are based on a sample of farms; see text.

Table 2. Market Value of Agricultural Products Sold: 1978 and 1974

|  | All farms |                 |       |                 | Farms with sales of \$2,500 or more |                 |       |                 |
|--|-----------|-----------------|-------|-----------------|-------------------------------------|-----------------|-------|-----------------|
|  | 1978      |                 | 1974  |                 | 1978                                |                 | 1974  |                 |
|  | Farms     | Value (\$1,000) | Farms | Value (\$1,000) | Farms                               | Value (\$1,000) | Farms | Value (\$1,000) |
| Market value of agricultural products sold <sup>1</sup>    | 1 549     | 54 285          | 1 615 | 42 252          | 1 169                               | 53 844          | 1 081 | 41 699          |
| Average per farm   | (X)       | 35 045          | (X)   | 26 162          | (X)                                 | 46 060          | (X)   | 38 574          |
| Farms by value of agricultural products sold: <sup>1</sup> |           |                 |       |                 |                                     |                 |       |                 |
| \$100,000 or more  | 108       | 22 844          | 65    | (NA)            | 108                                 | 22 844          | 65    | (NA)            |
| \$40,000 to \$99,999                                       | 331       | 20 674          | 253   | (NA)            | 331                                 | 20 674          | 253   | (NA)            |
| \$20,000 to \$39,999                                       | 209       | 6 295           | 312   | (NA)            | 209                                 | 6 295           | 312   | (NA)            |
| \$10,000 to \$19,999                                       | 144       | 2 057           | 161   | (NA)            | 144                                 | 2 057           | 161   | (NA)            |
| \$5,000 to \$9,999   | 175       | 1 253           | 148   | (NA)            | 175                                 | 1 253           | 148   | (NA)            |
| \$2,500 to \$4,999   | 202       | 721             | 126   | (NA)            | 202                                 | 721             | 126   | (NA)            |
| Less than \$2,500 (see text)                               | 379       | (D)             | 550   | (NA)            | (X)                                 | (X)             | 16    | (NA)            |
| \$2,000 to \$2,499   | 46        | 101             | (NA)  | (NA)            | (X)                                 | (X)             | (X)   | (X)             |
| \$1,500 to \$1,999   | 81        | 138             | (NA)  | (NA)            | (X)                                 | (X)             | (X)   | (X)             |
| \$1,000 to \$1,499   | 108       | 133             | (NA)  | (NA)            | (X)                                 | (X)             | (X)   | (X)             |
| Less than \$1,000  | 144       | (D)             | (NA)  | (NA)            | (X)                                 | (X)             | (X)   | (X)             |
| Abnormal farms (see text)                                  | 1         | (D)             | -     | (NA)            | (X)                                 | (X)             | (X)   | (X)             |
| Crops  | 809       | 13 769          | 960   | 13 081          | 638                                 | 13 568          | (NA)  | 12 786          |
| Grains   | 365       | 2 530           | (NA)  | (NA)            | 315                                 | 2 487           | 406   | 2 568           |
| Commodity Credit Corporation loans                         | 23        | 150             | (NA)  | (NA)            | 21                                  | (D)             | (NA)  | (NA)            |
| Cotton and cottonseed                                      | -         | -               | (NA)  | (NA)            | -                                   | -               | -     | -               |
| Commodity Credit Corporation loans                         | -         | -               | (NA)  | (NA)            | -                                   | -               | (NA)  | (NA)            |
| Tobacco  | -         | -               | (NA)  | (NA)            | -                                   | -               | -     | -               |
| Field seeds, hay, forage, and silage                       | 516       | 2 483           | (NA)  | (NA)            | 397                                 | 2 375           | 344   | 1 355           |
| Vegetables, sweet corn, and melons                         | 45        | 724             | (NA)  | (NA)            | 32                                  | 720             | 23    | 701             |
| Fruits, nuts, and berries                                  | 104       | 4 143           | (NA)  | (NA)            | 89                                  | 4 128           | 86    | 3 522           |
| Nursery and greenhouse products                            | 21        | 273             | 26    | 183             | 16                                  | 267             | 13    | 171             |
| Other crops  | 44        | 3 616           | (NA)  | (NA)            | 36                                  | 3 591           | 55    | 4 469           |
| Livestock, poultry, and their products                     | 1 149     | 40 516          | 1 245 | 29 083          | 925                                 | 40 276          | 888   | 28 830          |
| Poultry and poultry products                               | 75        | 2 685           | 78    | 1 978           | 50                                  | 2 678           | 50    | 1 974           |
| Dairy products   | 607       | 31 619          | (NA)  | (NA)            | 596                                 | 31 608          | 655   | 23 610          |
| Cattle and calves  | 1 048     | 5 806           | (NA)  | (NA)            | 886                                 | 5 640           | 858   | 3 017           |
| Hogs and pigs  | 133       | 235             | (NA)  | (NA)            | 96                                  | 214             | 50    | 104             |
| Sheep, lambs, and wool                                     | 67        | 107             | (NA)  | (NA)            | 45                                  | 88              | 52    | 100             |
| Other livestock and livestock products (see text)          | 66        | 64              | (NA)  | (NA)            | 35                                  | 47              | 23    | 25              |

<sup>1</sup>1974 data include sales of forest products.

Table 3. Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974

|                      | Farms |       | 1978           |                               |                |                    |                           |                |                    |                |
|----------------------|-------|-------|----------------|-------------------------------|----------------|--------------------|---------------------------|----------------|--------------------|----------------|
|                      | 1978  | 1974  | Acres in farms | Farms with harvested cropland |                |                    | Farms with irrigated land |                |                    |                |
|                      |       |       |                | Farms                         | Acres in farms | Harvested cropland | Farms                     | Acres in farms | Harvested cropland | Irrigated land |
| All farms            | 1 549 | 1 615 | 429 737        | 1 496                         | 424 504        | 177 192            | 19                        | 7 217          | 3 905              | 667            |
| Farms with —         |       |       |                |                               |                |                    |                           |                |                    |                |
| 1 to 9 acres         | 34    | 39    | 124            | 24                            | 97             | 64                 | 3                         | 10             | 8                  | 8              |
| 10 to 49 acres       | 101   | 96    | 3 065          | 90                            | 2 700          | 1 112              | 3                         | 103            | 46                 | 8              |
| 50 to 99 acres       | 99    | 79    | 5 855          | 94                            | 5 563          | 2 265              | 2                         | (D)            | (D)                | (D)            |
| 100 to 139 acres     | 125   | 146   | 10 512         | 119                           | 10 030         | 3 876              | —                         | —              | —                  | —              |
| 140 to 179 acres     | 183   | 207   | 21 366         | 175                           | 20 439         | 7 555              | 2                         | (D)            | (D)                | (D)            |
| 180 to 219 acres     | 149   | 147   | 23 359         | 147                           | 23 059         | 8 284              | —                         | —              | —                  | —              |
| 220 to 259 acres     | 135   | 162   | 26 693         | 132                           | 26 122         | 10 292             | 1                         | (D)            | (D)                | (D)            |
| 260 to 499 acres     | 126   | 123   | 29 980         | 123                           | 29 276         | 11 433             | —                         | —              | —                  | —              |
| 500 to 999 acres     | 377   | 399   | 135 104        | 372                           | 133 539        | 55 195             | 3                         | 1 252          | 644                | 37             |
| 1,000 to 1,999 acres | 180   | 181   | 116 417        | 180                           | 116 417        | 52 996             | 3                         | 2 440          | 1 484              | 125            |
| 2,000 acres or more  | 37    | 31    | 49 483         | 37                            | 49 483         | 20 821             | 2                         | (D)            | (D)                | (D)            |
|                      | 3     | 5     | 7 779          | 3                             | 7 779          | 3 299              | —                         | —              | —                  | —              |

Table 4. Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974

|   | All farms |         |       |         | Farms with sales of \$2,500 or more |         |       |         |
|---|-----------|---------|-------|---------|-------------------------------------|---------|-------|---------|
|   | 1978      |         | 1974  |         | 1978                                |         | 1974  |         |
|   | Farms     | Acres   | Farms | Acres   | Farms                               | Acres   | Farms | Acres   |
| Land in farms   | 1 549     | 429 737 | 1 615 | 437 137 | 1 169                               | 385 446 | 1 081 | 366 944 |
| Harvested cropland                                      | 1 496     | 177 192 | 1 536 | 172 336 | 1 145                               | 167 226 | 1 067 | 156 368 |
| Tenure of operator:                                     |           |         |       |         |                                     |         |       |         |
| Full owners   | 939       | 186 851 | 1 050 | 230 285 | 617                                 | 149 003 | 611   | 173 631 |
| Harvested cropland                                      | 892       | 62 615  | (NA)  | 74 279  | 597                                 | 54 724  | (NA)  | 62 740  |
| Part owners   | 530       | 226 075 | 503   | 196 007 | 488                                 | 221 253 | 431   | 184 791 |
| Harvested cropland                                      | 526       | 106 888 | (NA)  | 93 270  | 486                                 | 105 290 | (NA)  | 89 711  |
| Tenants   | 80        | 16 811  | 62    | 10 845  | 64                                  | 15 190  | 39    | 8 522   |
| Harvested cropland                                      | 78        | 7 689   | (NA)  | 4 787   | 62                                  | 7 212   | (NA)  | 3 917   |
| Type of organization:                                   |           |         |       |         |                                     |         |       |         |
| Individual or family                                    | 1 380     | 340 107 | (NA)  | (NA)    | 1 017                               | 297 764 | 961   | 298 266 |
| Partnership   | 128       | 62 125  | (NA)  | (NA)    | 118                                 | 60 599  | 96    | 47 193  |
| Corporation   | 33        | 26 770  | (NA)  | (NA)    | 32                                  | (D)     | 24    | 21 485  |
| Other—cooperative, estate or trust, institutional, etc. | 8         | 735     | (NA)  | (NA)    | 2                                   | (D)     | —     | —       |

  

|                                    | All farms |       | Farms with sales of \$2,500 or more |       |  | All farms |       | Farms with sales of \$2,500 or more |       |
|------------------------------------|-----------|-------|-------------------------------------|-------|--|-----------|-------|-------------------------------------|-------|
|                                    | 1978      |       | 1974                                |       |  | 1978      |       | 1974                                |       |
|                                    | Farms     | Acres | Farms                               | Acres |  | Farms     | Acres | Farms                               | Acres |
| Operators by principal occupation: |           |       |                                     |       | Operators by place of residence:           |           |       |                                     |       |
| Farming                            | 897       | 937   | 823                                 | 836   | On farm operated                           | 1 316     | 1 299 | 1 021                               | 881   |
| Other                              | 652       | 654   | 346                                 | 221   | Not on farm operated                       | 143       | 133   | 83                                  | 71    |
| Operators by age group:            |           |       |                                     |       | Not reported                               | 90        | 159   | 65                                  | 105   |
| Under 25 years                     | 34        | 23    | 27                                  | 18    | Operators reporting days of work off farm: |           |       |                                     |       |
| 25 to 34 years                     | 190       | 210   | 138                                 | 133   | None                                       | 714       | 618   | 639                                 | 548   |
| 35 to 44 years                     | 317       | 326   | 245                                 | 194   | 1 to 49 days                               | 109       | 96    | 100                                 | 69    |
| 45 to 54 years                     | 396       | 430   | 309                                 | 296   | 50 to 99 days                              | 22        | 27    | 16                                  | 20    |
| 55 to 64 years                     | 389       | 384   | 291                                 | 264   | 100 to 149 days                            | 27        | 22    | 20                                  | 15    |
| 65 years and over                  | 223       | 218   | 159                                 | 152   | 150 to 199 days                            | 77        | 86    | 55                                  | 51    |
| Average age                        | 50.1      | 49.7  | 49.9                                | 50.1  | 200 days or more                           | 548       | 564   | 294                                 | 201   |

<sup>1</sup>Applies only to individual or family operations (sole proprietorships) and partnerships; see text.

Table 5. Selected Farm Production Expenses: 1978 and 1974

[1978 data are based on a sample of farms; see text]

|   | All farms |                    |       |                    | Farms with sales of \$2,500 or more |                    |       |                    |
|---|-----------|--------------------|-------|--------------------|-------------------------------------|--------------------|-------|--------------------|
|   | 1978      |                    | 1974  |                    | 1978                                |                    | 1974  |                    |
|   | Farms     | Expenses (\$1,000) | Farms | Expenses (\$1,000) | Farms                               | Expenses (\$1,000) | Farms | Expenses (\$1,000) |
| Livestock and poultry purchased                                 | 575       | 2 971              | 626   | 1 792              | 458                                 | 2 921              | 409   | 1 666              |
| Feed for livestock and poultry                                  | 1 119     | 10 462             | 1 217 | 8 870              | 888                                 | 10 363             | 845   | 8 702              |
| Commercially mixed formula feeds                                | 729       | 7 377              | 978   | 6 873              | 656                                 | 7 361              | 733   | 6 789              |
| Animal health costs   | 925       | 546                | (NA)  | (NA)               | 814                                 | 535                | 637   | 285                |
| Seeds, bulbs, plants, and trees                                 | 991       | 1 547              | 1 066 | 1 161              | 866                                 | 1 518              | 846   | 1 136              |
| Commercial fertilizer   | 1 073     | 2 710              | 1 116 | 2 166              | 937                                 | 2 670              | 887   | 2 119              |
| Other agricultural chemicals including lime                     | 1 040     | 1 268              | 786   | 866                | 918                                 | 1 247              | 659   | 850                |
| Hired farm labor  | 724       | 5 615              | 614   | 3 234              | 670                                 | 5 585              | 523   | 3 199              |
| Contract labor  | 82        | 142                | 54    | 196                | 53                                  | 136                | 39    | 194                |
| Customwork, machine hire, and rental of machinery and equipment | 554       | 506                | 642   | 370                | 460                                 | 489                | 511   | 350                |
| Energy and petroleum products                                   | 1 549     | 3 555              | (NA)  | (NA)               | 1 183                               | 3 403              | (NA)  | (NA)               |
| Petroleum products  | 1 548     | 2 542              | 1 589 | 1 885              | 1 183                               | 2 438              | 1 080 | 1 746              |
| Gasoline  | 1 493     | 1 406              | (NA)  | (NA)               | 1 154                               | 1 342              | 1 059 | 1 153              |
| Diesel fuel   | 812       | 669                | (NA)  | (NA)               | 710                                 | 650                | 548   | 348                |
| LP gas, butane, and propane                                     | 209       | 121                | (NA)  | (NA)               | 198                                 | 116                | 161   | 82                 |
| Fuel oil  | 182       | 83                 | (NA)  | (NA)               | 166                                 | 80                 | —     | —                  |
| Natural gas   | 87        | 43                 | (NA)  | (NA)               | 87                                  | 43                 | 1 080 | 163                |
| Kerosene, motor oil, and grease                                 | 1 548     | 220                | (NA)  | (NA)               | 1 183                               | 207                | (NA)  | (NA)               |
| Electricity   | 1 236     | 956                | (NA)  | (NA)               | 1 001                               | 920                | (NA)  | (NA)               |
| Other—coal, wood, coke, etc.                                    | 175       | 57                 | (NA)  | (NA)               | 121                                 | 45                 | (NA)  | (NA)               |

**Table 6. Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

|  | All farms |                     | Farms with sales of \$2,500 or more |                     |       |                     |
|--|-----------|---------------------|-------------------------------------|---------------------|-------|---------------------|
|  | 1978      |                     | 1978                                |                     | 1974  |                     |
|  | Farms     | Acres on which used | Farms                               | Acres on which used | Farms | Acres on which used |
| Commercial fertilizer.....   | 1 000     | 82 799              | 872                                 | 81 334              | 888   | 72 355              |
| Crapland fertilized, except pasture.....                             | 1 000     | 81 342              | 872                                 | 79 877              | (NA)  | 71 797              |
| Pasture and rangeland fertilized.....                                | 58        | 1 457               | 58                                  | 1 457               | (NA)  | 558                 |
| Lime.....  | 416       | 12 078              | 385                                 | 11 821              | 250   | 9 093               |
| Sprays, dusts, granules, fumigants, etc. to control—                 |           |                     |                                     |                     |       |                     |
| Insects on hay and other crops.....                                  | 285       | 19 263              | 249                                 | 18 941              | (NA)  | 17 680              |
| Nematodes in crops.....  | 16        | 944                 | 15                                  | (D)                 | 3     | 116                 |
| Diseases in crops and orchards.....                                  | 136       | 9 136               | 116                                 | 8 869               | 43    | 3 580               |
| Weeds, grass, or brush in crops and pasture.....                     | 725       | 61 550              | 646                                 | 60 760              | (NA)  | 33 131              |
| Chemicals for—   |           |                     |                                     |                     |       |                     |
| Defoliation or for growth control of crops or thinning of fruit..... | 66        | 4 677               | 56                                  | 4 667               | 25    | 1 458               |
| Insect control on livestock and poultry.....                         | 417       | (X)                 | 396                                 | (X)                 | 100   | (X)                 |
| Sanitation and rodent and bird control.....                          | 277       | (X)                 | 265                                 | (X)                 | (NA)  | (X)                 |

**Table 7. Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

|   | All farms                                |        |                           |        | Farms with sales of \$2,500 or more |        |                           |        |
|---|--|--------|---------------------------|--------|-------------------------------------|--------|---------------------------|--------|
|   | 1978                                     |        | 1974                      |        | 1978                                |        | 1974                      |        |
|   | Farms                                    | Number | Farms                     | Number | Farms                               | Number | Farms                     | Number |
| <b>ALL MACHINERY AND EQUIPMENT</b>                                    | <b>ALL MACHINERY AND EQUIPMENT— Con.</b> |        |                           |        |                                     |        |                           |        |
| Estimated market value of all machinery and equipment..... farms..... | 1 549                                    | 1 595  | 1 183                     | 1 080  | 215                                 | 294    | 194                       | 231    |
| \$1,000.....  | 58 160                                   | 39 414 | 54 192                    | 34 162 | 227                                 | 298    | 202                       | 281    |
| Average per farm..... dollars.....                                    | 37 547                                   | 24 711 | 45 809                    | 31 631 | 167                                 | 101    | 163                       | 101    |
| Farms by value group:   |  |        |                           |        |                                     |        |                           |        |
| \$1 to \$4,999.....   | 136                                      | 199    | 64                        | 69     | 100                                 | 75     | 100                       | 75     |
| \$5,000 to \$9,999.....   | 248                                      | 311    | 93                        | 97     | 104                                 | 75     | 104                       | 75     |
| \$10,000 to \$19,999.....   | 329                                      | 317    | 240                       | 226    | 23                                  | 75     | 23                        | 75     |
|   | 1978                                     |        |                           |        | 1974                                |        |                           |        |
|   | All farms                                |        | Manufactured 1974 to 1978 |        | Manufactured prior to 1974          |        | Manufactured 1970 to 1974 |        |
|   | Farms                                    | Number | Farms                     | Number | Farms                               | Number | Farms                     | Number |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                               |  |        |                           |        |                                     |        |                           |        |
| Automobiles.....  | 1 194                                    | 1 616  | 663                       | 793    | 676                                 | 823    | 1 322                     | 1 681  |
| Motortrucks including pickups.....                                    | 1 303                                    | 2 243  | 600                       | 716    | 916                                 | 1 527  | 1 328                     | 2 161  |
| Wheel tractors.....   | 1 460                                    | 4 167  | 431                       | 674    | 1 390                               | 3 493  | 1 517                     | 3 997  |
| Grain and bean combines, self-propelled only.....                     | 323                                      | 350    | 40                        | 43     | 288                                 | 307    | 240                       | 253    |
| Corn heads for combines.....  | 114                                      | 122    | 50                        | 51     | 64                                  | 71     | 44                        | 45     |
| Other cornpickers and picker-shellers.....                            | 273                                      | 278    | 93                        | 93     | 180                                 | 185    | 235                       | 241    |
| Cottonpickers.....  | —  | —      | —                         | —      | —                                   | —      | (NA)                      | (NA)   |
| Mower conditioners.....   | 946                                      | 999    | 320                       | 322    | 643                                 | 677    | 715                       | 748    |
| Pickup balers.....  | 1 111                                    | 1 238  | 265                       | 277    | 889                                 | 961    | 1 118                     | 1 166  |
| Field storage harvesters, shear bar or flywheel type.....             | 651                                      | 834    | 254                       | 269    | 467                                 | 565    | 602                       | 717    |

**Table 8. Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

|                         | Hired workers—All farms, 1978 |                          |         |                            |         | Any hired workers—Farms with sales of \$2,500 or more |       |
|-------------------------|-------------------------------|--------------------------|---------|----------------------------|---------|---|-------|
|                         | Any                           | Working 150 days or more |         | Working less than 150 days |         | 1978  | 1974  |
|                         |                               | Farms                    | Workers | Farms                      | Workers |   |       |
| Farms.....              | 724                           | 312                      | (X)     | 591                        | (X)     | 670   | 523   |
| Workers.....            | 3 741                         | (X)                      | 686     | (X)                        | 3 055   | 3 648   | 3 390 |
| Farms with—             |                               |                          |         |                            |         |   |       |
| 1 worker.....           | 171                           | 201                      | 201     | 142                        | 142     | 144   | 187   |
| 2 workers.....          | 187                           | 40                       | 80      | 180                        | 360     | 170   | 81    |
| 3 or 4 workers.....     | 202                           | 48                       | 164     | 141                        | 449     | 193   | 88    |
| 5 to 9 workers.....     | 73                            | 17                       | 108     | 48                         | 302     | 72  | 77    |
| 10 workers or more..... | 91                            | 6                        | 133     | 80                         | 1 802   | 91  | 90    |

Table 9. Livestock and Poultry—Inventory and Sales: 1978 and 1974

|   | All farms |         |       |         | Farms with sales of \$2,500 or more |         |       |         |
|---|-----------|---------|-------|---------|-------------------------------------|---------|-------|---------|
|   | 1978      |         | 1974  |         | 1978                                |         | 1974  |         |
|   | Farms     | Number  | Farms | Number  | Farms                               | Number  | Farms | Number  |
| <b>LIVESTOCK AND POULTRY</b>                        |           |         |       |         |                                     |         |       |         |
| Inventory:  |           |         |       |         |                                     |         |       |         |
| Any livestock or poultry                            | 1 242     | (X)     | 1 330 | (X)     | 944                                 | (X)     | 899   | (X)     |
| Any cattle, hogs, or sheep                          | 1 168     | (X)     | 1 284 | (X)     | 911                                 | (X)     | 878   | (X)     |
| Sales:  |           |         |       |         |                                     |         |       |         |
| Any livestock or poultry and their products \$1,000 | 1 149     | 40 516  | 1 245 | 29 083  | 925                                 | 40 276  | 888   | 28 830  |
| Any cattle, hogs, or sheep \$1,000                  | 1 108     | 6 148   | 1 186 | (NA)    | 911                                 | 5 942   | 875   | 3 221   |
| <b>CATTLE AND CALVES</b>                            |           |         |       |         |                                     |         |       |         |
| Inventory:  |           |         |       |         |                                     |         |       |         |
| Cattle and calves                                   | 1 126     | 59 538  | 1 250 | 62 862  | 891                                 | 57 173  | 869   | 57 715  |
| Cows and heifers that had calved                    | 987       | 32 805  | 1 127 | 33 961  | 796                                 | 31 735  | 810   | 31 546  |
| Beef cows   | 390       | 4 397   | 464   | 5 317   | 236                                 | 3 515   | 213   | 3 318   |
| Milk cows   | 715       | 28 408  | 812   | 28 644  | 647                                 | 28 220  | 702   | 28 228  |
| Heifers and heifer calves                           | 982       | 22 878  | (NA)  | (NA)    | 813                                 | 22 165  | 729   | 20 392  |
| Steers, steer calves, bulls and bull calves         | 749       | 3 855   | (NA)  | (NA)    | 575                                 | 3 273   | 568   | 5 777   |
| Sales:  |           |         |       |         |                                     |         |       |         |
| Cattle and calves \$1,000                           | 1 048     | 26 059  | 1 122 | 20 870  | 886                                 | 25 311  | 858   | 19 683  |
| (X)   | (X)       | 5 806   | (X)   | (NA)    | (X)                                 | 5 640   | (X)   | 3 017   |
| Calves \$1,000                                      | 813       | 14 784  | (NA)  | (NA)    | 730                                 | 14 451  | 706   | 12 317  |
| (X)   | (X)       | 1 024   | (X)   | (NA)    | (X)                                 | 987     | (X)   | 508     |
| Cattle \$1,000                                      | 940       | 11 275  | (NA)  | (NA)    | 814                                 | 10 860  | 746   | 7 366   |
| (X)   | (X)       | 4 783   | (X)   | (NA)    | (X)                                 | 4 653   | (X)   | 2 509   |
| Fattened cattle \$1,000                             | 148       | 1 388   | (NA)  | (NA)    | 108                                 | 1 258   | 58    | 820     |
| (X)   | (X)       | 590     | (X)   | (NA)    | (X)                                 | 550     | (X)   | 300     |
| Dairy products \$1,000                              | 607       | 31 619  | (NA)  | (NA)    | 596                                 | 31 608  | 655   | 23 610  |
| <b>HOGS, SHEEP, GOATS, AND HORSES</b>               |           |         |       |         |                                     |         |       |         |
| Inventory:  |           |         |       |         |                                     |         |       |         |
| Hogs and pigs                                       | 203       | 2 701   | 196   | 1 857   | 136                                 | 2 279   | 105   | 1 302   |
| Used or to be used for breeding                     | 93        | 441     | (NA)  | (NA)    | 63                                  | 356     | 37    | 222     |
| Other hogs and pigs                                 | 185       | 2 260   | (NA)  | (NA)    | 123                                 | 1 923   | 99    | 1 080   |
| Litters of pigs farrowed between—                   |           |         |       |         |                                     |         |       |         |
| Dec. 1 of preceding year and Nov. 30                | 97        | 456     | 72    | 316     | 67                                  | 358     | 38    | 233     |
| Dec. 1 of preceding year and May 31                 | 73        | 214     | 40    | 131     | 48                                  | 161     | 24    | 105     |
| June 1 and Nov. 30                                  | 66        | 242     | 63    | 185     | 51                                  | 197     | 35    | 128     |
| Sheep and lambs                                     | 74        | 3 257   | 104   | 6 358   | 50                                  | 2 703   | 55    | 4 181   |
| Ewes 1 year old or older                            | 65        | 2 478   | (NA)  | (NA)    | 46                                  | 2 044   | 51    | 2 900   |
| Goats   | 15        | 175     | (NA)  | (NA)    | 7                                   | 80      | 1     | (D)     |
| Horses and ponies                                   | 331       | 1 330   | 323   | 1 105   | 203                                 | 747     | 150   | 559     |
| Sales:  |           |         |       |         |                                     |         |       |         |
| Hogs and pigs \$1,000                               | 133       | 3 262   | 92    | 1 792   | 96                                  | 2 782   | 50    | 1 435   |
| (X)   | (X)       | 235     | (X)   | (NA)    | (X)                                 | 214     | (X)   | 104     |
| Feeder pigs \$1,000                                 | 42        | 936     | 41    | 555     | 31                                  | 681     | 21    | 362     |
| (X)   | (X)       | 28      | (X)   | (NA)    | (X)                                 | 22      | (X)   | 8       |
| Sheep and lambs                                     | 63        | 2 108   | 93    | 4 663   | 42                                  | 1 612   | 52    | 3 184   |
| Sheep and lambs shorn                               | 66        | 2 960   | (NA)  | (NA)    | 44                                  | 2 383   | 46    | 3 584   |
| Pounds of wool                                      | (X)       | 21 881  | (X)   | (NA)    | (X)                                 | 17 430  | (X)   | 29 846  |
| Sheep, lambs, and wool \$1,000                      | 67        | 107     | (NA)  | (NA)    | 45                                  | 88      | 52    | 100     |
| (X)   | (X)       | 12      | (NA)  | (NA)    | 3                                   | (D)     | —     | —       |
| Goats \$1,000                                       | (X)       | (Z)     | (X)   | (NA)    | (X)                                 | (D)     | (X)   | —       |
| (X)   | (X)       | 133     | (X)   | 91      | 24                                  | 101     | 17    | 42      |
| Horses and ponies \$1,000                           | (X)       | 51      | (X)   | (NA)    | (X)                                 | 42      | (X)   | 13      |
| <b>POULTRY</b>                                      |           |         |       |         |                                     |         |       |         |
| Inventory:  |           |         |       |         |                                     |         |       |         |
| Any poultry   | 230       | (X)     | 230   | (X)     | 141                                 | (X)     | 125   | (X)     |
| Chickens 3 months old or older                      | 193       | 259 790 | 222   | 222 219 | 118                                 | 257 602 | 117   | 218 662 |
| Hens and pullets of laying age                      | 191       | (D)     | 208   | 203 861 | 116                                 | (D)     | 111   | 200 837 |
| Pullets 3 months old or older                       | 19        | (D)     | (NA)  | (NA)    | 13                                  | (D)     | 6     | 17 144  |
| Pullet chicks and pullets under 3 months old        | 6         | (D)     | (NA)  | (NA)    | 4                                   | (D)     | 1     | (D)     |
| Broilers and other meat-type chickens               | 25        | 1 031   | 19    | 445     | 14                                  | 724     | 12    | 362     |
| Turkeys   | 15        | 90      | (NA)  | (NA)    | 8                                   | 53      | 6     | 45      |
| Turkeys for slaughter                               | 11        | 61      | (NA)  | (NA)    | 5                                   | (D)     | 5     | (D)     |
| Turkey hens kept for breeding                       | 5         | 29      | (NA)  | (NA)    | 4                                   | (D)     | 2     | (D)     |
| Other poultry                                       | 82        | (X)     | (NA)  | (X)     | 50                                  | (X)     | 13    | (X)     |
| Sales:  |           |         |       |         |                                     |         |       |         |
| Any poultry   | 53        | (X)     | 51    | (X)     | 34                                  | (X)     | 38    | (X)     |
| Chickens 3 months old or older                      | 27        | 252 185 | 46    | 138 162 | 19                                  | 252 004 | 34    | 137 920 |
| Hens and pullets of laying age                      | 27        | (D)     | 44    | 111 572 | 19                                  | (D)     | 32    | (D)     |
| Pullets 3 months old or older                       | 4         | (D)     | (NA)  | (NA)    | 4                                   | (D)     | 2     | (D)     |
| Pullet chicks and pullets under 3 months old        | 1         | (D)     | (NA)  | (NA)    | 1                                   | (D)     | —     | —       |
| Broilers and other meat-type chickens               | 7         | 317     | 4     | 83      | 2                                   | (D)     | 2     | (D)     |
| Turkeys   | 4         | 57      | (NA)  | (NA)    | 3                                   | (D)     | 2     | (D)     |
| Turkeys for slaughter                               | 3         | (D)     | (NA)  | (NA)    | 2                                   | (D)     | 2     | (D)     |
| Turkey hens kept for breeding                       | 1         | (D)     | (NA)  | (NA)    | 1                                   | (D)     | —     | —       |
| Other poultry                                       | 12        | (X)     | (NA)  | (X)     | 6                                   | (X)     | 2     | (X)     |
| Poultry and poultry products \$1,000                | 75        | 2 685   | 78    | 1 978   | 50                                  | 2 678   | 50    | 1 974   |

Table 10. Crops: 1978 and 1974

|   | All farms |       |          |            |       |      | Farms with sales of \$2,500 or more |        |            |           |       |     |
|---|-----------|-------|----------|------------|-------|------|-------------------------------------|--------|------------|-----------|-------|-----|
|   | Harvested |       |          | Irrigated  |       |      | Harvested                           |        |            | Irrigated |       |     |
|   | Farms     | Acres | Quantity | Farms      | Acres |      | Farms                               | Acres  | Quantity   | Farms     | Acres |     |
| Corn for all purposes -----                       | 1978..    | 784   | 41 258   | (X)        | --    | --   | 703                                 | 40 429 | (X)        | --        | --    | --  |
|   | 1974..    | 755   | 31 502   | (X)        | (NA)  | (NA) | 670                                 | 30 946 | (X)        | --        | --    | --  |
| For grain or seed (bushels)-----                  | 1978..    | 495   | 19 851   | 1 714 912  | --    | --   | 434                                 | 19 381 | 1 689 428  | --        | --    | --  |
|   | 1974..    | 363   | 11 065   | 830 074    | (NA)  | (NA) | 317                                 | 10 842 | 815 785    | --        | --    | --  |
| For silage or green chop (tons, green)-----       | 1978..    | 579   | 21 407   | 280 391    | --    | --   | 548                                 | 21 048 | 277 785    | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 571                                 | 19 989 | 232 879    | --        | --    | --  |
| For fodder, hogged or grazed -----                | 1978..    | --    | --       | (X)        | --    | --   | --                                  | --     | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 18                                  | 115    | (X)        | --        | --    | --  |
| Sorghums for all purposes -----                   | 1978..    | 55    | 499      | (X)        | --    | --   | 53                                  | (D)    | (X)        | --        | --    | --  |
|   | 1974..    | 58    | 629      | (X)        | (NA)  | (NA) | 54                                  | 595    | (X)        | --        | --    | --  |
| For grain or seed (bushels)-----                  | 1978..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | 4     | 28       | 1 520      | (NA)  | (NA) | 4                                   | 28     | 1 520      | --        | --    | --  |
| For silage or green chop (tons, green)-----       | 1978..    | 55    | 499      | 4 870      | --    | --   | 53                                  | (D)    | (D)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 44                                  | 460    | 4 461      | --        | --    | --  |
| Cut for dry forage or hay (tons, dry) -----       | 1978..    | --    | --       | (NA)       | (NA)  | (NA) | 1                                   | (D)    | (D)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | --                                  | --     | (X)        | --        | --    | --  |
| Hogged or grazed -----                            | 1978..    | --    | --       | (X)        | --    | --   | --                                  | --     | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 7                                   | 57     | (X)        | --        | --    | --  |
| Wheat for grain (bushels)-----                    | 1978..    | 100   | 2 381    | 75 846     | --    | --   | 89                                  | 2 281  | 73 264     | --        | --    | --  |
|   | 1974..    | 291   | 5 698    | 218 294    | (NA)  | (NA) | 237                                 | 5 195  | 205 996    | --        | --    | --  |
| Oats for grain (bushels) -----                    | 1978..    | 685   | 22 889   | 1 321 877  | --    | --   | 590                                 | 22 010 | 1 283 497  | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 692                                 | 26 912 | 1 601 984  | --        | --    | --  |
| Barley for grain (bushels)-----                   | 1978..    | 24    | 295      | 11 346     | --    | --   | 19                                  | 269    | 10 536     | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 30                                  | 296    | 10 053     | --        | --    | --  |
| Rye for grain (bushels) -----                     | 1978..    | --    | --       | --         | --    | --   | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 10                                  | 81     | 2 007      | --        | --    | --  |
| Other small grains for grain-----                 | 1978..    | 48    | 1 021    | (X)        | --    | --   | 30                                  | 783    | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 86                                  | 1 608  | (X)        | --        | --    | --  |
| Soybeans for beans (bushels)-----                 | 1978..    | 9     | 139      | 3 700      | --    | --   | 7                                   | (D)    | (D)        | --        | --    | --  |
|   | 1974..    | 18    | 290      | 6 343      | (NA)  | (NA) | 18                                  | 290    | 6 343      | --        | --    | --  |
| Peanuts for nuts (pounds) -----                   | 1978..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
| Cotton (bales) -----                              | 1978..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
| Tobacco (pounds) -----                            | 1978..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | --    | --       | --         | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
| Irish potatoes (hundredweight)-----               | 1978..    | 48    | 4 452    | 999 837    | 9     | 587  | 37                                  | 4 416  | 990 935    | 8         | (D)   | --  |
|   | 1974..    | 74    | 5 279    | 1 337 456  | (NA)  | (NA) | 60                                  | 5 270  | 1 336 240  | 11        | (D)   | 880 |
| Sweetpotatoes (bushels) -----                     | 1978..    | --    | --       | --         | --    | --   | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | 1     | (D)      | (D)        | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
| Hay crops (tons, dry) (see text)-----             | 1978..    | 1 295 | 105 681  | 204 557    | --    | --   | 999                                 | 97 860 | 195 253    | --        | --    | --  |
|   | 1974..    | 1 317 | 95 424   | 185 612    | (NA)  | (NA) | 926                                 | 83 149 | 167 400    | --        | --    | --  |
| Alfalfa hay (tons, dry) -----                     | 1978..    | 700   | 33 349   | 81 927     | --    | --   | 607                                 | 31 854 | 79 668     | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 521                                 | 24 295 | 60 796     | --        | --    | --  |
| Other tame dry hay (tons, dry) (see text)-----    | 1978..    | 809   | 46 975   | 81 679     | --    | --   | 621                                 | 41 974 | 75 952     | --        | --    | --  |
| Field seed crops -----                            | 1978..    | 37    | 1 243    | (X)        | --    | --   | 31                                  | 1 132  | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 56                                  | 869    | (X)        | --        | --    | --  |
| Alfalfa seed (pounds) -----                       | 1978..    | --    | --       | --         | --    | --   | --                                  | --     | --         | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | --                                  | --     | --         | --        | --    | --  |
| Red clover seed (pounds) -----                    | 1978..    | 25    | 612      | 63 767     | --    | --   | 21                                  | 547    | 57 199     | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 29                                  | 477    | 30 009     | --        | --    | --  |
| All vegetables harvested for sale (see text)----- | 1978..    | 45    | 594      | (X)        | 4     | 13   | 32                                  | 576    | (X)        | 3         | (D)   | --  |
|   | 1974..    | 37    | 561      | (X)        | (NA)  | (NA) | 24                                  | 540    | (X)        | 1         | (D)   | --  |
| Sweet corn-----                                   | 1978..    | 28    | 80       | (X)        | 1     | (D)  | 19                                  | 66     | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 14                                  | 106    | (X)        | --        | --    | --  |
| Tomatoes -----                                    | 1978..    | 9     | 3        | (X)        | 2     | (D)  | 3                                   | (D)    | (X)        | 1         | (D)   | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 5                                   | 6      | (X)        | --        | --    | --  |
| Green peas excluding cowpeas-----                 | 1978..    | --    | --       | (X)        | --    | --   | --                                  | --     | (X)        | --        | --    | --  |
|   | 1974..    | (NA)  | (NA)     | (X)        | (NA)  | (NA) | 4                                   | 81     | (X)        | --        | --    | --  |
| Land in orchards -----                            | 1978..    | 113   | 3 753    | (X)        | 2     | (D)  | 90                                  | 3 677  | (X)        | 2         | (D)   | --  |
|   | 1974..    | 109   | 3 558    | (X)        | (NA)  | (NA) | 91                                  | 3 487  | (X)        | 1         | (D)   | --  |
| Apples (pounds)-----                              | 1978..    | 20    | 53       | 61 205     | (NA)  | (NA) | 9                                   | 24     | 54 600     | (NA)      | (NA)  | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | (NA)                                | (D)    | (D)        | (NA)      | (NA)  | --  |
| Peaches (pounds)-----                             | 1978..    | 2     | (D)      | (D)        | (NA)  | (NA) | 1                                   | (D)    | (D)        | (NA)      | (NA)  | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | (NA)                                | (NA)   | (NA)       | (NA)      | (NA)  | --  |
| Grapes (pounds) (see text) -----                  | 1978..    | 96    | 3 688    | 29 746 417 | (NA)  | (NA) | 83                                  | 3 644  | 29 598 007 | (NA)      | (NA)  | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 88                                  | 3 477  | 26 130 000 | (NA)      | (NA)  | --  |
| Berries -----                                     | 1978..    | 8     | 22       | (X)        | 6     | 15   | 6                                   | (D)    | (X)        | 4         | (D)   | --  |
|   | 1974..    | 2     | (D)      | (X)        | (NA)  | (NA) | 1                                   | (D)    | (X)        | 1         | (D)   | --  |
| Strawberries (pounds)-----                        | 1978..    | 6     | (D)      | (D)        | 5     | (D)  | 5                                   | (D)    | (D)        | 4         | (D)   | --  |
|   | 1974..    | (NA)  | (NA)     | (NA)       | (NA)  | (NA) | 1                                   | (D)    | (D)        | 1         | (D)   | --  |
| Nursery and greenhouse products-----              | 1978..    | 21    | 98       | (X)        | 2     | (D)  | 16                                  | 95     | (X)        | 2         | (D)   | --  |
| Other crops -----                                 | 1978..    | 11    | 376      | (X)        | (NA)  | (NA) | 11                                  | 376    | (X)        | (NA)      | (NA)  | --  |