

**Table 38. Machinery and Equipment on Operation: 2002 and 1997**

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

| Item  | New York      | Albany | Allegany | Bronx  | Broome | Cattaraugus | Cayuga  |
|---|---------------|--------|----------|--------|--------|-------------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |        |          |        |        |             |         |
| Estimated market value of all machinery and equipment |               |        |          |        |        |             |         |
| farms, 2002   | 34,991        | 462    | 761      | -      | 523    | 1,065       | 845     |
| 1997  | 38,261        | 462    | 888      | -      | 628    | 1,186       | 1,018   |
| \$1,000, 2002   | 3,367,939     | 27,230 | 49,044   | -      | 29,777 | 98,380      | 117,771 |
| 1997  | 2,162,595     | 18,271 | 26,302   | -      | 24,588 | 48,847      | 75,910  |
| Average per farm                                      | dollars, 2002 | 96,252 | 58,939   | 64,446 | 56,935 | 92,376      | 139,374 |
| 1997  | 56,522        | 39,547 | 29,619   | -      | 39,153 | 41,186      | 74,567  |
| Farms by value group:                                 |               |        |          |        |        |             |         |
| \$1 to \$9,999  | 2002          | 8,296  | 95       | 188    | -      | 101         | 424     |
| 1997  | 7,206         | 125    | 270      | -      | 142    | 204         | 139     |
| \$10,000 to \$19,999                                  | 2002          | 5,585  | 60       | 184    | -      | 138         | 132     |
| 1997  | 7,322         | 74     | 233      | -      | 126    | 301         | 219     |
| \$20,000 to \$29,999                                  | 2002          | 4,234  | 66       | 123    | -      | 45          | 93      |
| 1997  | 5,919         | 65     | 107      | -      | 110    | 239         | 134     |
| \$30,000 to \$49,999                                  | 2002          | 4,139  | 104      | 29     | -      | 70          | 53      |
| 1997  | 5,673         | 105    | 120      | -      | 103    | 155         | 168     |
| \$50,000 to \$69,999                                  | 2002          | 2,806  | 45       | 13     | -      | 45          | 68      |
| 1997  | 3,459         | 29     | 83       | -      | 57     | 89          | 70      |
| \$70,000 to \$99,999                                  | 2002          | 2,222  | 18       | 41     | -      | 26          | 63      |
| 1997  | 2,603         | 19     | 52       | -      | 50     | 100         | 57      |
| \$100,000 to \$199,999                                | 2002          | 3,971  | 24       | 146    | -      | 72          | 85      |
| 1997  | 3,851         | 19     | 27       | -      | 27     | 85          | 134     |
| \$200,000 to \$499,999                                | 2002          | 2,503  | 50       | 21     | -      | 23          | 93      |
| 1997  | 1,868         | 26     | 16       | -      | 3      | 29          | 74      |
| \$500,000 or more                                     | 2002          | 1,235  | -        | 16     | -      | 54          | 62      |
| 1997  | 360           | -      | -        | -      | 4      | 4           | 23      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |        |          |        |        |             |         |
| Tractors  | farms, 2002   | 33,145 | 432      | 737    | -      | 523         | 1,000   |
| 1997  | 35,319        | 438    | 830      | -      | 610    | 1,025       | 977     |
| number, 2002  | 112,357       | 1,173  | 2,358    | -      | 1,357  | 2,762       | 3,374   |
| 1997  | 97,099        | 1,032  | 2,073    | -      | 1,438  | 2,541       | 3,091   |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 21,410 | 348      | 409    | -      | 337         | 576     |
| 1997  | 22,675        | 291    | 470      | -      | 350    | 540         | 676     |
| number, 2002  | 37,318        | 552    | 780      | -      | 586    | 915         | 1,103   |
| 1997  | 38,429        | 442    | 834      | -      | 499    | 968         | 1,142   |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 24,335 | 265      | 666    | -      | 326         | 629     |
| 1997  | 24,836        | 275    | 582      | -      | 451    | 747         | 789     |
| number, 2002  | 55,369        | 519    | 1,223    | -      | 631    | 1,403       | 1,547   |
| 1997  | 46,166        | 532    | 945      | -      | 850    | 1,387       | 1,391   |
| 100 horsepower (PTO) or more                          | farms, 2002   | 9,102  | 46       | 177    | -      | 72          | 225     |
| 1997  | 7,292         | 36     | 220      | -      | 49     | 109         | 280     |
| number, 2002  | 19,670        | 102    | 355      | -      | 140    | 444         | 724     |
| 1997  | 12,504        | 58     | 294      | -      | 89     | 186         | 558     |
| Grain and bean combines (see text)                    | farms, 2002   | 3,243  | 8        | 98     | -      | 8           | 37      |
| 1997  | 4,553         | 15     | 92       | -      | 47     | 114         | 274     |
| number, 2002  | 3,769         | 8      | 98       | -      | 8      | 37          | 252     |
| 1997  | 5,275         | (D)    | 102      | -      | 49     | 120         | 299     |
| Cotton pickers and strippers                          | farms, 2002   | -      | -        | -      | -      | -           | -       |
| 1997  | -             | -      | -        | -      | -      | -           | -       |
| number, 2002  | -             | -      | -        | -      | -      | -           | -       |
| 1997  | -             | -      | -        | -      | -      | -           | -       |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 1,979  | 18       | 38     | -      | 31          | 64      |
| 1997  | (NA)          | (NA)   | (NA)     | (NA)   | (NA)   | (NA)        | (NA)    |
| number, 2002  | 2,198         | 26     | 38       | -      | 31     | 65          | 58      |
| 1997  | (NA)          | (NA)   | (NA)     | (NA)   | (NA)   | (NA)        | (NA)    |
| Hay balers  | farms, 2002   | 18,441 | 217      | 498    | -      | 301         | 519     |
| 1997  | 19,116        | 230    | 580      | -      | 358    | 683         | 449     |
| number, 2002  | 23,075        | 279    | 699      | -      | 386    | 617         | 601     |
| 1997  | 23,250        | 273    | 678      | -      | 452    | 816         | 533     |
| <b>2002 INVENTORY</b>                                 |               |        |          |        |        |             |         |
| Manufactured 1998 to 2002:                            |               |        |          |        |        |             |         |
| Tractors  | farms         | 5,496  | 102      | 89     | -      | 129         | 141     |
| number  | 8,471         | 112    | 94       | -      | 189    | 287         | 161     |
| Less than 40 horsepower (PTO)                         | farms         | 2,073  | 58       | 4      | -      | 86          | 35      |
| number  | 2,490         | 58     | 5        | -      | 134    | 36          | 47      |
| 40 to 99 horsepower (PTO)                             | farms         | 3,043  | 50       | 73     | -      | 33          | 77      |
| number  | 4,179         | (D)    | 74       | -      | 34     | 164         | 53      |
| 100 horsepower (PTO) or more                          | farms         | 1,178  | 2        | 15     | -      | 15          | 57      |
| number  | 1,802         | (D)    | 15       | -      | 21     | 87          | 61      |
| Grain and bean combines                               | farms         | 111    | -        | -      | -      | -           | 4       |
| number  | 134           | -      | -        | -      | -      | -           | 4       |
| Cotton pickers and strippers                          | farms         | -      | -        | -      | -      | -           | -       |
| number  | -             | -      | -        | -      | -      | -           | -       |
| Forage harvesters, self-propelled (see text)          | farms         | 335    | -        | 10     | -      | 4           | 3       |
| number  | 373           | -      | 10       | -      | 4      | 3           | 12      |
| Hay balers  | farms         | 2,115  | 24       | 100    | -      | 30          | 80      |
| number  | 2,243         | 24     | 101      | -      | 30     | 96          | 23      |
| Manufactured prior to 1998:                           |               |        |          |        |        |             |         |
| Tractors  | farms         | 31,744 | 386      | 721    | -      | 474         | 966     |
| number  | 103,886       | 1,061  | 2,264    | -      | 1,168  | 2,475       | 3,213   |
| Less than 40 horsepower (PTO)                         | farms         | 20,101 | 290      | 407    | -      | 288         | 542     |
| number  | 34,828        | 494    | 775      | -      | 452    | 879         | 1,056   |
| 40 to 99 horsepower (PTO)                             | farms         | 23,202 | 254      | 637    | -      | 325         | 595     |
| number  | 51,190        | (D)    | 1,149    | -      | 597    | 1,239       | 1,494   |
| 100 horsepower (PTO) or more                          | farms         | 8,711  | 45       | 177    | -      | 71          | 203     |
| number  | 17,868        | (D)    | 340      | -      | 119    | 357         | 663     |
| Grain and bean combines                               | farms         | 3,156  | 8        | 98     | -      | 8           | 37      |
| number  | 3,635         | 8      | 98       | -      | 8      | 37          | 248     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Chautauqua    | Chemung | Chenango | Clinton | Columbia | Cortland | Delaware | Dutchess |     |
|---|---------------|---------|----------|---------|----------|----------|----------|----------|-----|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |         |          |         |          |          |          |          |     |
| Estimated market value of all machinery and equipment |               |         |          |         |          |          |          |          |     |
| farms, 2002   | 1,655         | 413     | 930      | 585     | 494      | 515      | 747      | 511      |     |
| 1997  | 1,915         | 392     | 970      | 619     | 546      | 539      | 850      | 666      |     |
| \$1,000, 2002   | 110,257       | 31,365  | 47,050   | 84,159  | 54,349   | 74,241   | 54,422   | 30,040   |     |
| 1997  | 81,469        | 14,869  | 47,445   | 44,448  | 41,023   | 32,153   | 37,213   | 33,454   |     |
| Average per farm                                      | dollars, 2002 | 66,620  | 75,945   | 50,591  | 143,861  | 110,017  | 144,158  | 58,787   |     |
| 1997  | 42,543        | 37,931  | 48,912   | 71,806  | 75,134   | 59,653   | 43,780   | 50,232   |     |
| Farms by value group:                                 |               |         |          |         |          |          |          |          |     |
| \$1 to \$9,999  | 2002          | 404     | 161      | 186     | 58       | 86       | 166      | 162      | 88  |
| 1997  | 405           | 81      | 175      | 99      | 31       | 113      | 210      | 125      |     |
| \$10,000 to \$19,999                                  | 2002          | 343     | 49       | 285     | 156      | 21       | 82       | 76       | 86  |
| 1997  | 403           | 118     | 191      | 140     | 124      | 79       | 218      | 87       |     |
| \$20,000 to \$29,999                                  | 2002          | 233     | 89       | 111     | 63       | 84       | 48       | 96       | 106 |
| 1997  | 360           | 35      | 167      | 64      | 119      | 99       | 78       | 66       |     |
| \$30,000 to \$49,999                                  | 2002          | 184     | 37       | 101     | 76       | 69       | 73       | 117      | 40  |
| 1997  | 317           | 52      | 117      | 114     | 67       | 69       | 115      | 112      |     |
| \$50,000 to \$69,999                                  | 2002          | 90      | 9        | 48      | 25       | 59       | 21       | 26       | 65  |
| 1997  | 114           | 37      | 83       | 59      | 84       | 52       | 80       | 104      |     |
| \$70,000 to \$99,999                                  | 2002          | 125     | -        | 68      | 28       | 30       | 12       | 72       | 31  |
| 1997  | 110           | 32      | 66       | 25      | 27       | 25       | 54       | 64       |     |
| \$100,000 to \$199,999                                | 2002          | 150     | 37       | 100     | 77       | 69       | 48       | 132      | 75  |
| 1997  | 146           | 32      | 135      | 46      | 47       | 69       | 62       | 95       |     |
| \$200,000 to \$499,999                                | 2002          | 103     | 24       | 20      | 57       | 65       | 27       | 60       | 16  |
| 1997  | 54            | 7       | 31       | 59      | 39       | 25       | 29       | 11       |     |
| \$500,000 or more                                     | 2002          | 23      | 1        | 11      | 45       | 11       | 38       | 4        | 4   |
| 1997  | 6             | 7       | 5        | 13      | 10       | 6        | 6        | 2        |     |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |         |          |         |          |          |          |          |     |
| Tractors  | farms, 2002   | 1,569   | 379      | 910     | 544      | 482      | 503      | 724      | 488 |
| 1997  | 1,788         | 358     | 906      | 536     | 495      | 476      | 761      | 590      |     |
| number, 2002  | 4,413         | 1,100   | 3,286    | 1,670   | 1,747    | 1,566    | 2,276    | 1,474    |     |
| 1997  | 4,083         | 821     | 2,385    | 1,407   | 1,499    | 1,295    | 1,813    | 1,271    |     |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 952     | 276      | 585     | 399      | 331      | 274      | 374      | 383 |
| 1997  | 1,178         | 238     | 544      | 277     | 365      | 241      | 444      | 352      |     |
| number, 2002  | 1,540         | 444     | 881      | 593     | 615      | 368      | 763      | 733      |     |
| 1997  | 2,008         | 335     | 819      | 483     | 639      | 372      | 621      | 549      |     |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 1,184   | 278      | 803     | 337      | 359      | 417      | 487      | 299 |
| 1997  | 1,069         | 253     | 733      | 429     | 330      | 394      | 486      | 376      |     |
| number, 2002  | 2,405         | 480     | 1,859    | 774     | 821      | 880      | 1,186    | 608      |     |
| 1997  | 1,830         | 371     | 1,265    | 815     | 653      | 707      | 957      | 656      |     |
| 100 horsepower (PTO) or more                          | farms, 2002   | 242     | 92       | 371     | 110      | 130      | 149      | 177      | 74  |
| 1997  | 148           | 82      | 206      | 53      | 111      | 144      | 163      | 54       |     |
| number, 2002  | 468           | 176     | 546      | 303     | 311      | 318      | 327      | 133      |     |
| 1997  | 245           | 115     | 301      | 109     | 207      | 216      | 235      | 66       |     |
| Grain and bean combines (see text)                    | farms, 2002   | 107     | 49       | 51      | 6        | 50       | 25       | 13       | 5   |
| 1997  | 78            | 51      | 55       | 38      | 56       | 55       | 16       | 23       |     |
| number, 2002  | 124           | 49      | 51       | 7       | 52       | 27       | 15       | 6        |     |
| 1997  | 89            | 59      | 57       | 38      | 58       | 55       | 17       | 23       |     |
| Cotton pickers and strippers                          | farms, 2002   | -       | -        | -       | -        | -        | -        | -        | -   |
| 1997  | -             | -       | -        | -       | -        | -        | -        | -        |     |
| number, 2002  | -             | -       | -        | -       | -        | -        | -        | -        |     |
| 1997  | -             | -       | -        | -       | -        | -        | -        | -        |     |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 99      | 40       | 14      | 27       | 13       | 32       | 28       | 14  |
| 1997  | (NA)          | (NA)    | (NA)     | (NA)    | (NA)     | (NA)     | (NA)     | (NA)     |     |
| number, 2002  | 101           | 41      | 14       | 27      | 15       | 37       | 36       | 14       |     |
| 1997  | (NA)          | (NA)    | (NA)     | (NA)    | (NA)     | (NA)     | (NA)     | (NA)     |     |
| Hay balers  | farms, 2002   | 695     | 223      | 601     | 293      | 255      | 276      | 489      | 146 |
| 1997  | 804           | 172     | 600      | 363     | 183      | 318      | 496      | 163      |     |
| number, 2002  | 795           | 281     | 879      | 354     | 370      | 312      | 597      | 193      |     |
| 1997  | 961           | 215     | 699      | 399     | 275      | 362      | 602      | 205      |     |
| <b>2002 INVENTORY</b>                                 |               |         |          |         |          |          |          |          |     |
| Manufactured 1998 to 2002:                            |               |         |          |         |          |          |          |          |     |
| Tractors  | farms         | 384     | 50       | 58      | 137      | 124      | 68       | 133      | 140 |
| number  | 555           | 57      | 106      | 210     | 187      | 80       | 141      | 203      |     |
| Less than 40 horsepower (PTO)                         | farms         | 44      | 14       | 23      | 69       | 83       | 16       | 83       | 102 |
| number  | 46            | 14      | 33       | 82      | 86       | 16       | 86       | 102      |     |
| 40 to 99 horsepower (PTO)                             | farms         | 315     | 34       | 44      | 53       | 49       | 43       | 42       | 66  |
| number  | 448           | 35      | 45       | 86      | 73       | 49       | 46       | 76       |     |
| 100 horsepower (PTO) or more                          | farms         | 49      | 4        | 21      | 31       | 22       | 11       | 9        | 14  |
| number  | 61            | 8       | 28       | 42      | 28       | 15       | 9        | 25       |     |
| Grain and bean combines                               | farms         | 11      | -        | -       | 2        | 2        | -        | -        | 1   |
| number  | 19            | -       | -        | (D)     | (D)      | -        | -        | (D)      |     |
| Cotton pickers and strippers                          | farms         | -       | -        | -       | -        | -        | -        | -        |     |
| number  | -             | -       | -        | -       | -        | -        | -        | -        |     |
| Forage harvesters, self-propelled (see text)          | farms         | 15      | -        | 3       | 3        | 2        | 1        | 4        | 1   |
| number  | 15            | -       | 3        | 3       | (D)      | (D)      | 4        | (D)      |     |
| Hay balers  | farms         | 30      | 10       | 77      | 46       | 46       | 16       | 33       | 42  |
| number  | 30            | 10      | 77       | 46      | 52       | 17       | 33       | 43       |     |
| Manufactured prior to 1998:                           |               |         |          |         |          |          |          |          |     |
| Tractors  | farms         | 1,495   | 364      | 881     | 505      | 428      | 471      | 712      | 438 |
| number  | 3,858         | 1,043   | 3,180    | 1,460   | 1,560    | 1,486    | 2,135    | 1,271    |     |
| Less than 40 horsepower (PTO)                         | farms         | 925     | 262      | 563     | 358      | 265      | 268      | 371      | 304 |
| number  | 1,494         | 430     | 848      | 511     | 529      | 352      | 677      | 631      |     |
| 40 to 99 horsepower (PTO)                             | farms         | 1,070   | 263      | 781     | 314      | 329      | 381      | 475      | 265 |
| number  | 1,957         | 445     | 1,814    | 688     | 748      | 831      | 1,140    | 532      |     |
| 100 horsepower (PTO) or more                          | farms         | 220     | 92       | 356     | 110      | 117      | 149      | 177      | 64  |
| number  | 407           | 168     | 518      | 261     | 283      | 303      | 318      | 108      |     |
| Grain and bean combines                               | farms         | 96      | 49       | 51      | 5        | 48       | 25       | 13       | 4   |
| number  | 105           | 49      | 51       | (D)     | (D)      | 27       | 15       | (D)      |     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Erie          | Essex  | Franklin | Fulton | Genesee | Greene  | Hamilton | Herkimer |        |
|---|---------------|--------|----------|--------|---------|---------|----------|----------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |        |          |        |         |         |          |          |        |
| Estimated market value of all machinery and equipment |               |        |          |        |         |         |          |          |        |
| farms, 2002   | 1,288         | 223    | 465      | 247    | 582     | 306     | 25       | 683      |        |
| 1997  | 1,217         | 250    | 533      | 208    | 629     | 296     | 17       | 660      |        |
| \$1,000, 2002   | 71,849        | 17,702 | 37,963   | 14,877 | 69,910  | 15,892  | 376      | 46,757   |        |
| 1997  | 68,183        | 11,558 | 33,143   | 13,180 | 60,900  | 12,373  | 488      | 37,786   |        |
| Average per farm                                      | dollars, 2002 | 55,783 | 79,380   | 81,641 | 60,232  | 120,121 | 51,935   | 15,031   | 68,458 |
| 1997  | 56,026        | 46,231 | 62,182   | 63,366 | 96,820  | 41,800  | 28,706   | 57,252   |        |
| Farms by value group:                                 |               |        |          |        |         |         |          |          |        |
| \$1 to \$9,999  | 2002          | 296    | 44       | 100    | 82      | 118     | 106      | 12       | 153    |
| 1997  | 243           | 40     | 36       | 17     | 121     | 70      | 9        | 80       |        |
| \$10,000 to \$19,999                                  | 2002          | 394    | 35       | 63     | 46      | 74      | 44       | 10       | 111    |
| 1997  | 166           | 43     | 105      | 72     | 123     | 87      | 2        | 124      |        |
| \$20,000 to \$29,999                                  | 2002          | 143    | 28       | 67     | 28      | 64      | 41       | -        | 81     |
| 1997  | 143           | 55     | 92       | 28     | 129     | 21      | 1        | 77       |        |
| \$30,000 to \$49,999                                  | 2002          | 113    | 29       | 83     | 17      | 78      | 46       | -        | 119    |
| 1997  | 221           | 48     | 106      | 22     | 39      | 57      | 3        | 87       |        |
| \$50,000 to \$69,999                                  | 2002          | 103    | 15       | 63     | 9       | 104     | 18       | 3        | 18     |
| 1997  | 198           | 9      | 61       | 16     | 25      | 11      | -        | 94       |        |
| \$70,000 to \$99,999                                  | 2002          | 47     | 18       | 7      | 8       | 24      | 18       | -        | 54     |
| 1997  | 62            | 31     | 49       | 14     | 44      | 18      | -        | 88       |        |
| \$100,000 to \$199,999                                | 2002          | 101    | 27       | 37     | 34      | 30      | 24       | -        | 96     |
| 1997  | 126           | 14     | 39       | 39     | 70      | 15      | 2        | 82       |        |
| \$200,000 to \$499,999                                | 2002          | 74     | 26       | 38     | 17      | 70      | 11       | -        | 38     |
| 1997  | 49            | 1      | 7        | 7      | 57      | 16      | -        | 27       |        |
| \$500,000 or more                                     | 2002          | 17     | 1        | 6      | 6       | 7       | -        | 13       |        |
| 1997  | 9             | 1      | 5        | 3      | 20      | 1       | -        | 1        |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |        |          |        |         |         |          |          |        |
| Tractors  | farms, 2002   | 1,206  | 195      | 424    | 244     | 552     | 284      | 17       | 612    |
| 1997  | 1,080         | 220    | 486      | 197    | 584     | 270     | 13       | 639      |        |
| number, 2002  | 3,863         | 590    | 1,377    | 675    | 2,309   | 798     | 17       | 2,416    |        |
| 1997  | 3,052         | 473    | 1,341    | 521    | 2,244   | 753     | 26       | 1,517    |        |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 1,060  | 143      | 319    | 158     | 416     | 185      | 17       | 418    |
| 1997  | 779           | 130    | 289      | 127    | 390     | 219     | 6        | 325      |        |
| number, 2002  | 1,592         | 229    | 503      | 259    | 810     | 341     | 17       | 897      |        |
| 1997  | 1,385         | 180    | 437      | 191    | 732     | 369     | 12       | 474      |        |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 720    | 138      | 289    | 144     | 457     | 202      | -        | 533    |
| 1997  | 693           | 158    | 342      | 145    | 463     | 177     | 12       | 570      |        |
| number, 2002  | 1,517         | 288    | 712      | 324    | 917     | 415     | -        | 1,131    |        |
| 1997  | 1,247         | 249    | 847      | (D)    | 1,010   | (D)     | (D)      | 908      |        |
| 100 horsepower (PTO) or more                          | farms, 2002   | 292    | 42       | 85     | 49      | 238     | 29       | -        | 203    |
| 1997  | 237           | 32     | 29       | 33     | 246     | 20      | 1        | 101      |        |
| number, 2002  | 754           | 73     | 162      | 92     | 582     | 42      | -        | 388      |        |
| 1997  | 420           | 44     | 57       | (D)    | 502     | (D)     | (D)      | 135      |        |
| Grain and bean combines (see text)                    | farms, 2002   | 120    | 5        | 7      | 12      | 129     | 4        | -        | 40     |
| 1997  | 157           | 8      | 34       | 22     | 158     | 26      | -        | 47       |        |
| number, 2002  | 144           | 5      | 8        | 12     | 189     | 4       | -        | 41       |        |
| 1997  | 184           | 11     | 37       | 22     | 227     | 26      | -        | 52       |        |
| Cotton pickers and strippers                          | farms, 2002   | -      | -        | -      | -       | -       | -        | -        | -      |
| 1997  | -             | -      | -        | -      | -       | -       | -        | -        | -      |
| number, 2002  | -             | -      | -        | -      | -       | -       | -        | -        | -      |
| 1997  | -             | -      | -        | -      | -       | -       | -        | -        | -      |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 135    | 12       | 44     | 18      | 60      | -        | 2        | 40     |
| 1997  | (NA)          | (NA)   | (NA)     | (NA)   | (NA)    | (NA)    | (NA)     | (NA)     | (NA)   |
| number, 2002  | 135           | 15     | 46       | 18     | 76      | -       | (D)      | 40       |        |
| 1997  | (NA)          | (NA)   | (NA)     | (NA)   | (NA)    | (NA)    | (NA)     | (NA)     |        |
| Hay balers  | farms, 2002   | 715    | 106      | 309    | 140     | 320     | 151      | -        | 502    |
| 1997  | 604           | 102    | 336      | 111    | 353     | 170     | -        | 455      |        |
| number, 2002  | 977           | 129    | 367      | 168    | 422     | 195     | -        | 584      |        |
| 1997  | 675           | 123    | 429      | 130    | 423     | 264     | -        | 497      |        |
| <b>2002 INVENTORY</b>                                 |               |        |          |        |         |         |          |          |        |
| Manufactured 1998 to 2002:                            |               |        |          |        |         |         |          |          |        |
| Tractors  | farms         | 161    | 48       | 63     | 49      | 97      | 79       | 13       | 102    |
| number  | 215           | 74     | 85       | 66     | 141     | 93      | (D)      | 226      |        |
| Less than 40 horsepower (PTO)                         | farms         | 74     | 20       | 35     | 29      | 14      | 45       | 13       | 57     |
| number  | 80            | (D)    | 36       | 29     | 14      | 45      | (D)      | 148      |        |
| 40 to 99 horsepower (PTO)                             | farms         | 69     | 32       | 21     | 16      | 83      | 39       | -        | 40     |
| number  | 98            | 47     | 30       | 23     | 90      | 42      | -        | 45       |        |
| 100 horsepower (PTO) or more                          | farms         | 32     | 2        | 10     | 7       | 17      | 4        | -        | 32     |
| number  | 37            | (D)    | 19       | 14     | 37      | 6       | -        | 33       |        |
| Grain and bean combines                               | farms         | 1      | -        | 1      | -       | 3       | -        | -        | -      |
| number  | (D)           | -      | (D)      | -      | 8       | -       | -        | -        | -      |
| Cotton pickers and strippers                          | farms         | -      | -        | -      | -       | -       | -        | -        | -      |
| number  | -             | -      | -        | -      | -       | -       | -        | -        | -      |
| Forage harvesters, self-propelled (see text)          | farms         | 4      | 4        | 4      | -       | 10      | -        | -        | 10     |
| number  | 4             | 4      | 5        | -      | 10      | -       | -        | -        | 10     |
| Hay balers  | farms         | 28     | 11       | 30     | 21      | 53      | 13       | -        | 55     |
| number  | 28            | 12     | 30       | 29     | 54      | 15      | -        | 55       |        |
| Manufactured prior to 1998:                           |               |        |          |        |         |         |          |          |        |
| Tractors  | farms         | 1,171  | 183      | 414    | 213     | 541     | 250      | 4        | 560    |
| number  | 3,648         | 516    | 1,292    | 609    | 2,168   | 705     | (D)      | 2,190    |        |
| Less than 40 horsepower (PTO)                         | farms         | 1,025  | 134      | 318    | 138     | 403     | 158      | 4        | 375    |
| number  | 1,512         | (D)    | 467      | 230    | 796     | 296     | (D)      | 749      |        |
| 40 to 99 horsepower (PTO)                             | farms         | 673    | 118      | 280    | 133     | 418     | 179      | -        | 511    |
| number  | 1,419         | 241    | 682      | 301    | 827     | 373     | -        | 1,086    |        |
| 100 horsepower (PTO) or more                          | farms         | 289    | 41       | 84     | 47      | 238     | 28       | -        | 178    |
| number  | 717           | (D)    | 143      | 78     | 545     | 36      | -        | 355      |        |
| Grain and bean combines                               | farms         | 119    | 5        | 6      | 12      | 128     | 4        | -        | 40     |
| number  | (D)           | 5      | (D)      | 12     | 181     | 4       | -        | 41       |        |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Jefferson | Kings  | Lewis   | Livingston | Madison | Monroe | Montgomery | Nassau |
|---|-----------|--------|---------|------------|---------|--------|------------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |           |        |         |            |         |        |            |        |
| Estimated market value of all machinery and equipment |           |        |         |            |         |        |            |        |
| farms, 2002   | 961       | 1      | 707     | 692        | 699     | 532    | 544        | 62     |
| 1997  | 1,043     | 9      | 728     | 752        | 803     | 598    | 646        | 71     |
| \$1,000, 2002   | 77,502    | (D)    | 73,069  | 69,868     | 86,421  | 52,744 | 59,595     | 6,023  |
| 1997  | 62,616    | 146    | 47,325  | 67,359     | 46,133  | 36,465 | 38,183     | 3,309  |
| Average per farm                                      | 80,647    | (D)    | 103,351 | 100,965    | 123,635 | 99,142 | 109,550    | 97,143 |
| 1997  | 60,034    | 16,256 | 65,007  | 89,574     | 57,451  | 60,979 | 59,106     | 46,602 |
| Farms by value group:                                 |           |        |         |            |         |        |            |        |
| \$1 to \$9,999  | 287       | -      | 97      | 214        | 77      | 204    | 74         | 25     |
| 1997  | 192       | 2      | 152     | 133        | 143     | 123    | 69         | 19     |
| \$10,000 to \$19,999                                  | 103       | -      | 89      | 72         | 124     | 78     | 47         | 6      |
| 1997  | 165       | -      | 70      | 121        | 193     | 136    | 130        | 17     |
| \$20,000 to \$29,999                                  | 91        | 1      | 90      | 78         | 93      | 33     | 47         | 10     |
| 1997  | 191       | 7      | 99      | 90         | 81      | 96     | 86         | 7      |
| \$30,000 to \$49,999                                  | 164       | -      | 147     | 79         | 98      | 10     | 27         | 2      |
| 1997  | 179       | -      | 76      | 119        | 37      | 85     | 60         | 9      |
| \$50,000 to \$69,999                                  | 58        | -      | 46      | 47         | 60      | 34     | 90         | 1      |
| 1997  | 56        | -      | 122     | 65         | 104     | 40     | 71         | 3      |
| \$70,000 to \$99,999                                  | 64        | -      | 70      | 38         | 38      | 51     | 42         | 5      |
| 1997  | 96        | -      | 71      | 28         | 84      | 12     | 81         | 1      |
| \$100,000 to \$199,999                                | 99        | -      | 92      | 100        | 100     | 46     | 130        | 5      |
| 2002  | 97        | -      | 76      | 105        | 124     | 56     | 135        | 13     |
| 1997  | 60        | -      | 60      | 63         | 62      | 58     | 77         | 6      |
| \$200,000 to \$499,999                                | 54        | -      | 57      | 69         | 36      | 42     | 12         | 2      |
| 1997  | 35        | -      | 16      | 29         | 47      | 18     | 10         | 2      |
| \$500,000 or more                                     | 13        | -      | 5       | 22         | 1       | 8      | 2          | -      |
| 1997  |           |        |         |            |         |        |            |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |           |        |         |            |         |        |            |        |
| Tractors  |           |        |         |            |         |        |            |        |
| farms, 2002   | 939       | 1      | 657     | 683        | 669     | 457    | 544        | 48     |
| 1997  | 938       | 3      | 673     | 734        | 663     | 576    | 607        | 62     |
| number, 2002  | 3,251     | (D)    | 2,401   | 2,586      | 2,693   | 1,885  | 1,849      | 102    |
| 1997  | 2,625     | (D)    | 1,866   | 2,414      | 1,822   | 2,005  | 1,839      | 125    |
| Less than 40 horsepower (PTO)                         |           |        |         |            |         |        |            |        |
| farms, 2002   | 540       | 1      | 389     | 498        | 390     | 388    | 337        | 29     |
| 1997  | 556       | 1      | 431     | 567        | 368     | 480    | 400        | 47     |
| number, 2002  | 812       | (D)    | 627     | 875        | 671     | 788    | 425        | 53     |
| 1997  | 925       | (D)    | 682     | 1,012      | 560     | 978    | 571        | (D)    |
| 40 to 99 horsepower (PTO)                             |           |        |         |            |         |        |            |        |
| farms, 2002   | 816       | 1      | 543     | 446        | 529     | 297    | 499        | 24     |
| 1997  | 707       | 2      | 526     | 435        | 549     | 347    | 473        | 30     |
| number, 2002  | 1,979     | (D)    | 1,300   | 1,040      | 1,414   | 748    | 966        | 41     |
| 1997  | 1,349     | (D)    | 948     | 921        | 999     | 769    | 904        | (D)    |
| 100 horsepower (PTO) or more                          |           |        |         |            |         |        |            |        |
| farms, 2002   | 217       | -      | 279     | 212        | 261     | 120    | 218        | 7      |
| 1997  | 218       | -      | 159     | 197        | 159     | 115    | 252        | -      |
| number, 2002  | 460       | -      | 474     | 671        | 608     | 349    | 458        | 8      |
| 1997  | 351       | -      | 236     | 481        | 263     | 258    | 364        | -      |
| Grain and bean combines (see text)                    |           |        |         |            |         |        |            |        |
| farms, 2002   | 38        | -      | 28      | 147        | 104     | 86     | 43         | -      |
| 1997  | 89        | -      | 59      | 212        | 130     | 118    | 99         | -      |
| number, 2002  | 40        | -      | 28      | 162        | 104     | 100    | 44         | -      |
| 1997  | 90        | -      | 63      | 302        | 139     | 158    | 111        | -      |
| Cotton pickers and strippers                          |           |        |         |            |         |        |            |        |
| farms, 2002   | -         | -      | -       | -          | -       | -      | -          | -      |
| 1997  | -         | -      | -       | -          | -       | -      | -          | -      |
| number, 2002  | -         | -      | -       | -          | -       | -      | -          | -      |
| 1997  | -         | -      | -       | -          | -       | -      | -          | -      |
| Forage harvesters, self-propelled (see text)          |           |        |         |            |         |        |            |        |
| farms, 2002   | 65        | -      | 45      | 30         | 20      | 16     | 67         | -      |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)       | (NA)    | (NA)   | (NA)       | (NA)   |
| number, 2002  | 67        | -      | 54      | 31         | 26      | 16     | 99         | -      |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)       | (NA)    | (NA)   | (NA)       | (NA)   |
| Hay balers  |           |        |         |            |         |        |            |        |
| farms, 2002   | 636       | -      | 448     | 326        | 418     | 168    | 424        | -      |
| 1997  | 625       | -      | 453     | 375        | 497     | 192    | 425        | -      |
| number, 2002  | 826       | -      | 519     | 426        | 489     | 202    | 563        | -      |
| 1997  | 837       | -      | 532     | 501        | 546     | 267    | 510        | -      |
| <b>2002 INVENTORY</b>                                 |           |        |         |            |         |        |            |        |
| Manufactured 1998 to 2002:                            |           |        |         |            |         |        |            |        |
| Tractors  |           |        |         |            |         |        |            |        |
| farms   | 121       | -      | 127     | 105        | 178     | 84     | 132        | 8      |
| number  | 183       | -      | 181     | 153        | 232     | 125    | 162        | 10     |
| Less than 40 horsepower (PTO)                         |           |        |         |            |         |        |            |        |
| farms   | 15        | -      | 19      | 40         | 54      | 24     | 13         | 2      |
| number  | 18        | -      | 19      | 42         | 55      | 24     | 13         | (D)    |
| 40 to 99 horsepower (PTO)                             |           |        |         |            |         |        |            |        |
| farms   | 75        | -      | 93      | 32         | 107     | 56     | 71         | 3      |
| number  | 92        | -      | 99      | 34         | 110     | 60     | 73         | 3      |
| 100 horsepower (PTO) or more                          |           |        |         |            |         |        |            |        |
| farms   | 47        | -      | 28      | 43         | 47      | 33     | 50         | 5      |
| number  | 73        | -      | 63      | 77         | 67      | 41     | 76         | (D)    |
| Grain and bean combines                               |           |        |         |            |         |        |            |        |
| farms   | 2         | -      | 1       | 8          | 1       | 6      | 3          | -      |
| number  | (D)       | -      | (D)     | 9          | (D)     | 6      | 3          | -      |
| Cotton pickers and strippers                          |           |        |         |            |         |        |            |        |
| farms   | -         | -      | -       | -          | -       | -      | -          | -      |
| number  | -         | -      | -       | -          | -       | -      | -          | -      |
| Forage harvesters, self-propelled (see text)          |           |        |         |            |         |        |            |        |
| farms   | 13        | -      | 14      | 10         | 12      | -      | 21         | -      |
| number  | 14        | -      | 22      | 10         | 12      | -      | 42         | -      |
| Hay balers  |           |        |         |            |         |        |            |        |
| farms   | 59        | -      | 81      | 49         | 69      | 22     | 84         | -      |
| number  | 59        | -      | 82      | 49         | 70      | 34     | 100        | -      |
| Manufactured prior to 1998:                           |           |        |         |            |         |        |            |        |
| Tractors  |           |        |         |            |         |        |            |        |
| farms   | 907       | 1      | 630     | 656        | 614     | 456    | 544        | 42     |
| number  | 3,068     | (D)    | 2,220   | 2,433      | 2,461   | 1,760  | 1,687      | 92     |
| Less than 40 horsepower (PTO)                         |           |        |         |            |         |        |            |        |
| farms   | 528       | 1      | 381     | 471        | 336     | 374    | 327        | 27     |
| number  | 794       | (D)    | 608     | 833        | 616     | 764    | 412        | (D)    |
| 40 to 99 horsepower (PTO)                             |           |        |         |            |         |        |            |        |
| farms   | 782       | 1      | 515     | 443        | 511     | 275    | 472        | 22     |
| number  | 1,887     | (D)    | 1,201   | 1,006      | 1,304   | 688    | 893        | 38     |
| 100 horsepower (PTO) or more                          |           |        |         |            |         |        |            |        |
| farms   | 210       | -      | 269     | 198        | 246     | 103    | 186        | 2      |
| number  | 387       | -      | 411     | 594        | 541     | 308    | 382        | (D)    |
| Grain and bean combines                               |           |        |         |            |         |        |            |        |
| farms   | 36        | -      | 27      | 142        | 103     | 81     | 40         | -      |
| number  | (D)       | -      | (D)     | 153        | (D)     | 94     | 41         | -      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | New York    | Niagara | Oneida | Onondaga | Ontario | Orange  | Orleans | Oswego |
|---|-------------|---------|--------|----------|---------|---------|---------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |             |         |        |          |         |         |         |        |
| Estimated market value of all machinery and equipment |             |         |        |          |         |         |         |        |
| farms, 2002   | 4           | 760     | 1,023  | 670      | 810     | 669     | 488     | 636    |
| 1997  | 2           | 853     | 1,109  | 732      | 849     | 769     | 565     | 743    |
| \$1,000, 2002   | 140         | 77,031  | 75,805 | 85,437   | 93,617  | 105,993 | 55,352  | 28,882 |
| 1997  | (D)         | 58,045  | 56,355 | 48,605   | 64,929  | 59,070  | 45,091  | 35,803 |
| Average per farm                                      | 35,000      | 101,356 | 74,100 | 127,518  | 115,577 | 158,435 | 113,426 | 45,411 |
| 1997  | (D)         | 68,048  | 50,816 | 66,400   | 76,477  | 76,815  | 79,808  | 48,187 |
| Farms by value group:                                 |             |         |        |          |         |         |         |        |
| \$1 to \$9,999  | 2002        | 128     | 246    | 193      | 226     | 102     | 122     | 145    |
| 1997  | -           | 192     | 216    | 59       | 154     | 126     | 85      | 212    |
| \$10,000 to \$19,999                                  | 2002        | 183     | 77     | 55       | 108     | 27      | 35      | 136    |
| 1997  | -           | 163     | 85     | 224      | 145     | 73      | 165     | 64     |
| \$20,000 to \$29,999                                  | 2002        | 93      | 217    | 59       | 106     | 153     | 217     | 85     |
| 1997  | -           | 111     | 157    | 120      | 97      | 75      | 68      | 215    |
| \$30,000 to \$49,999                                  | 2002        | 4       | 70     | 65       | 62      | 72      | 86      | 68     |
| 1997  | -           | 115     | 329    | 64       | 157     | 157     | 55      | 108    |
| \$50,000 to \$69,999                                  | 2002        | -       | 53     | 57       | 43      | 80      | 44      | 29     |
| 1997  | 2           | 43      | 101    | 42       | 72      | 73      | 49      | 31     |
| \$70,000 to \$99,999                                  | 2002        | -       | 64     | 97       | 74      | 40      | 46      | 52     |
| 1997  | -           | 29      | 66     | 103      | 35      | 50      | 8       | 22     |
| \$100,000 to \$199,999                                | 2002        | -       | 49     | 90       | 105     | 57      | 112     | 45     |
| 1997  | -           | 153     | 103    | 70       | 100     | 151     | 53      | 70     |
| \$200,000 to \$499,999                                | 2002        | -       | 94     | 94       | 40      | 87      | 51      | 7      |
| 1997  | -           | 25      | 48     | 36       | 59      | 53      | 26      | 14     |
| \$500,000 or more                                     | 2002        | -       | 26     | 16       | 36      | 49      | 66      | 4      |
| 1997  | -           | 22      | 4      | 14       | 19      | 9       | 16      | 7      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |             |         |        |          |         |         |         |        |
| Tractors  | farms, 2002 | 759     | 974    | 645      | 768     | 668     | 444     | 562    |
| 1997  | -           | 792     | 1,020  | 643      | 835     | 687     | 552     | 733    |
| number, 2002  | -           | 2,813   | 3,384  | 2,536    | 2,646   | 2,610   | 1,733   | 2,267  |
| 1997  | -           | 2,363   | 2,618  | 1,911    | 2,567   | 1,939   | 1,746   | 1,859  |
| Less than 40 horsepower (PTO)                         | farms, 2002 | 554     | 469    | 472      | 476     | 468     | 272     | 418    |
| 1997  | -           | 558     | 585    | 449      | 638     | 451     | 417     | 513    |
| number, 2002  | -           | 1,074   | 845    | 767      | 796     | 1,101   | 539     | 684    |
| 1997  | -           | 1,082   | 1,015  | 737      | 1,067   | 854     | 730     | 835    |
| 40 to 99 horsepower (PTO)                             | farms, 2002 | 522     | 851    | 512      | 580     | 480     | 343     | 449    |
| 1997  | -           | 500     | 760    | 448      | 594     | 471     | 339     | 525    |
| number, 2002  | -           | 1,374   | 2,058  | 1,192    | 1,086   | 1,219   | 890     | 1,370  |
| 1997  | -           | 958     | 1,354  | 821      | 1,021   | 826     | 761     | (D)    |
| 100 horsepower (PTO) or more                          | farms, 2002 | 147     | 265    | 236      | 304     | 206     | 124     | 138    |
| 1997  | -           | 183     | 152    | 210      | 250     | 162     | 136     | 107    |
| number, 2002  | -           | 365     | 481    | 577      | 764     | 290     | 304     | 213    |
| 1997  | -           | 323     | 249    | 353      | 479     | 259     | 255     | (D)    |
| Grain and bean combines (see text)                    | farms, 2002 | 114     | 128    | 145      | 240     | 37      | 61      | 17     |
| 1997  | -           | 159     | 121    | 145      | 261     | 38      | 159     | 91     |
| number, 2002  | -           | 133     | 159    | 164      | 297     | 39      | 84      | 17     |
| 1997  | -           | 184     | 124    | 97       | 337     | 44      | 186     | 52     |
| Cotton pickers and strippers                          | farms, 2002 | -       | -      | -        | -       | -       | -       | -      |
| 1997  | -           | -       | -      | -        | -       | -       | -       | -      |
| number, 2002  | -           | -       | -      | -        | -       | -       | -       | -      |
| 1997  | -           | -       | -      | -        | -       | -       | -       | -      |
| Forage harvesters, self-propelled (see text)          | farms, 2002 | 76      | 21     | 39       | 24      | 16      | 6       | 1      |
| 1997  | (NA)        | (NA)    | (NA)   | (NA)     | (NA)    | (NA)    | (NA)    | (NA)   |
| number, 2002  | -           | 86      | 21     | 48       | 25      | 17      | 6       | (D)    |
| 1997  | (NA)        | (NA)    | (NA)   | (NA)     | (NA)    | (NA)    | (NA)    | (NA)   |
| Hay balers  | farms, 2002 | 385     | 649    | 432      | 414     | 219     | 156     | 353    |
| 1997  | -           | 298     | 643    | 297      | 430     | 273     | 230     | 318    |
| number, 2002  | -           | 481     | 758    | 527      | 448     | 273     | 182     | 454    |
| 1997  | -           | 393     | 735    | 372      | 548     | 300     | 272     | 431    |
| <b>2002 INVENTORY</b>                                 |             |         |        |          |         |         |         |        |
| Manufactured 1998 to 2002:                            |             |         |        |          |         |         |         |        |
| Tractors  | farms       | 150     | 123    | 81       | 135     | 179     | 86      | 32     |
| number  | -           | 238     | 294    | 124      | 182     | 284     | 157     | 87     |
| Less than 40 horsepower (PTO)                         | farms       | 41      | 47     | 54       | 57      | 112     | 14      | 11     |
| number  | -           | 46      | 74     | 54       | 60      | 141     | 14      | 24     |
| 40 to 99 horsepower (PTO)                             | farms       | 110     | 78     | 13       | 47      | 82      | 62      | 31     |
| number  | -           | 165     | 185    | 26       | 49      | 113     | 89      | 43     |
| 100 horsepower (PTO) or more                          | farms       | 13      | 28     | 25       | 43      | 27      | 28      | 11     |
| number  | -           | 27      | 35     | 44       | 73      | 30      | 54      | 20     |
| Grain and bean combines                               | farms       | 3       | 4      | 7        | 4       | -       | 11      | -      |
| number  | -           | 4       | 4      | 8        | 4       | -       | 15      | -      |
| Cotton pickers and strippers                          | farms       | -       | -      | -        | -       | -       | -       | -      |
| number  | -           | -       | -      | -        | -       | -       | -       | -      |
| Forage harvesters, self-propelled (see text)          | farms       | 2       | 8      | 8        | 11      | -       | -       | 1      |
| number  | -           | (D)     | 8      | 8        | 11      | -       | -       | (D)    |
| Hay balers  | farms       | 16      | 55     | 21       | 26      | 46      | 34      | 13     |
| number  | -           | 16      | 55     | 23       | 26      | 47      | 34      | 13     |
| Manufactured prior to 1998:                           |             |         |        |          |         |         |         |        |
| Tractors  | farms       | 747     | 962    | 634      | 753     | 604     | 437     | 554    |
| number  | -           | 2,575   | 3,090  | 2,412    | 2,464   | 2,326   | 1,576   | 2,180  |
| Less than 40 horsepower (PTO)                         | farms       | 539     | 443    | 429      | 427     | 407     | 260     | 409    |
| number  | -           | 1,028   | 771    | 713      | 736     | 960     | 525     | 660    |
| 40 to 99 horsepower (PTO)                             | farms       | 509     | 820    | 510      | 559     | 454     | 336     | 429    |
| number  | -           | 1,209   | 1,873  | 1,166    | 1,037   | 1,106   | 801     | 1,327  |
| 100 horsepower (PTO) or more                          | farms       | 145     | 253    | 232      | 300     | 184     | 115     | 130    |
| number  | -           | 338     | 446    | 533      | 691     | 260     | 250     | 193    |
| Grain and bean combines                               | farms       | 113     | 125    | 140      | 238     | 37      | 51      | 17     |
| number  | -           | 129     | 155    | 156      | 293     | 39      | 69      | 17     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Otsego        | Putnam | Queens | Rensselaer | Richmond | Rockland | St. Lawrence | Saratoga |      |
|---|---------------|--------|--------|------------|----------|----------|--------------|----------|------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |        |        |            |          |          |              |          |      |
| Estimated market value of all machinery and equipment |               |        |        |            |          |          |              |          |      |
| farms, 2002   | 982           | 49     | 2      | 529        | 13       | 26       | 1,380        | 593      |      |
| 1997  | 1,026         | 60     | 2      | 558        | 7        | 26       | 1,599        | 591      |      |
| \$1,000, 2002   | 83,592        | 2,755  | (D)    | 29,151     | 527      | 1,786    | 126,758      | 41,029   |      |
| 1997  | 51,190        | 1,877  | (D)    | 26,458     | 301      | 1,342    | 73,884       | 26,929   |      |
| Average per farm                                      | dollars, 2002 | 85,124 | 56,224 | 55,105     | 40,508   | 68,688   | 91,853       | 69,189   |      |
| 1997  | 49,893        | 31,283 | (D)    | 47,416     | 43,000   | 51,622   | 46,206       | 45,565   |      |
| Farms by value group:                                 |               |        |        |            |          |          |              |          |      |
| \$1 to \$9,999  | 2002          | 198    | 15     | 1          | 107      | 6        | 9            | 365      | 185  |
| 1997  | 207           | 8      | -      | 94         | 4        | 1        | 324          | 112      |      |
| \$10,000 to \$19,999                                  | 2002          | 92     | 7      | -          | 119      | 3        | 1            | 208      | 71   |
| 1997  | 184           | 18     | 1      | 113        | 1        | 6        | 318          | 106      |      |
| \$20,000 to \$29,999                                  | 2002          | 135    | 6      | -          | 61       | 1        | 1            | 118      | 165  |
| 1997  | 100           | 11     | -      | 119        | -        | 1        | 283          | 147      |      |
| \$30,000 to \$49,999                                  | 2002          | 103    | 4      | -          | 54       | 1        | 2            | 152      | 26   |
| 1997  | 170           | 7      | -      | 57         | -        | 8        | 264          | 83       |      |
| \$50,000 to \$69,999                                  | 2002          | 136    | 2      | 1          | 55       | -        | -            | 171      | 18   |
| 1997  | 140           | 9      | -      | 55         | 1        | 7        | 113          | 46       |      |
| \$70,000 to \$99,999                                  | 2002          | 85     | 7      | -          | 41       | 1        | 3            | 96       | 34   |
| 1997  | 70            | 4      | -      | 50         | -        | -        | 106          | 36       |      |
| \$100,000 to \$199,999                                | 2002          | 134    | 5      | -          | 59       | 1        | 10           | 132      | 48   |
| 1997  | 127           | 3      | 1      | 34         | -        | -        | 116          | 27       |      |
| \$200,000 to \$499,999                                | 2002          | 78     | 3      | -          | 28       | 1        | 1            | 89       | 37   |
| 1997  | 26            | -      | -      | 34         | 1        | 2        | 71           | 32       |      |
| \$500,000 or more                                     | 2002          | 21     | -      | -          | 5        | -        | 49           | 9        |      |
| 1997  | 2             | -      | -      | 2          | -        | -        | 4            | 2        |      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |        |        |            |          |          |              |          |      |
| Tractors  | farms, 2002   | 908    | 47     | 1          | 494      | 11       | 21           | 1,359    | 584  |
| 1997  | 949           | 50     | 1      | 498        | 4        | 19       | 1,491        | 549      |      |
| number, 2002  | 3,103         | 124    | (D)    | 1,493      | (D)      | 59       | 3,914        | 1,588    |      |
| 1997  | 2,657         | 125    | (D)    | 1,343      | 6        | 43       | 4,031        | 1,218    |      |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 436    | 38     | 1          | 305      | 7        | 16           | 705      | 456  |
| 1997  | 490           | 37     | 1      | 345        | 1        | 7        | 926          | 342      |      |
| number, 2002  | 714           | 70     | (D)    | 575        | (D)      | 35       | 1,122        | 646      |      |
| 1997  | 831           | 75     | (D)    | 624        | (D)      | 11       | 1,620        | 503      |      |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 790    | 22     | 1          | 321      | 4        | 13           | 950      | 359  |
| 1997  | 770           | 23     | -      | 278        | 4        | 14       | 1,061        | 338      |      |
| number, 2002  | 1,980         | 44     | (D)    | 709        | (D)      | 24       | 2,119        | 708      |      |
| 1997  | 1,530         | (D)    | -      | 526        | (D)      | (D)      | 2,122        | 602      |      |
| 100 horsepower (PTO) or more                          | farms, 2002   | 241    | 8      | -          | 132      | 1        | -            | 319      | 126  |
| 1997  | 153           | 5      | -      | 124        | -        | 3        | 168          | 69       |      |
| number, 2002  | 409           | 10     | -      | 209        | (D)      | 10       | 673          | 234      |      |
| 1997  | 296           | (D)    | -      | 193        | -        | (D)      | 289          | 113      |      |
| Grain and bean combines (see text)                    | farms, 2002   | 43     | -      | -          | 36       | -        | -            | 45       | 23   |
| 1997  | 71            | -      | -      | 28         | -        | -        | -            | 97       | 60   |
| number, 2002  | 45            | -      | -      | 46         | -        | -        | -            | 55       | 23   |
| 1997  | 75            | -      | -      | 30         | -        | -        | -            | 105      | 60   |
| Cotton pickers and strippers                          | farms, 2002   | -      | -      | -          | -        | -        | -            | -        | -    |
| 1997  | -             | -      | -      | -          | -        | -        | -            | -        | -    |
| number, 2002  | -             | -      | -      | -          | -        | -        | -            | -        | -    |
| 1997  | -             | -      | -      | -          | -        | -        | -            | -        | -    |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 22     | -      | -          | 4        | -        | -            | 93       | 16   |
| 1997  | (NA)          | (NA)   | (NA)   | (NA)       | (NA)     | (NA)     | (NA)         | (NA)     | (NA) |
| number, 2002  | 23            | -      | -      | 4          | -        | -        | -            | 106      | 16   |
| 1997  | (NA)          | (NA)   | (NA)   | (NA)       | (NA)     | (NA)     | (NA)         | (NA)     | (NA) |
| Hay balers  | farms, 2002   | 660    | 16     | -          | 277      | -        | 7            | 799      | 229  |
| 1997  | 675           | 14     | -      | 278        | -        | -        | 871          | 222      |      |
| number, 2002  | 806           | 17     | -      | 347        | -        | 7        | 1,066        | 271      |      |
| 1997  | 752           | 15     | -      | 380        | -        | -        | 1,112        | 265      |      |
| <b>2002 INVENTORY</b>                                 |               |        |        |            |          |          |              |          |      |
| Manufactured 1998 to 2002:                            |               |        |        |            |          |          |              |          |      |
| Tractors  | farms         | 146    | 8      | -          | 64       | 1        | 8            | 194      | 74   |
| number  | 267           | 13     | -      | 79         | (D)      | 9        | 313          | 89       |      |
| Less than 40 horsepower (PTO)                         | farms         | 67     | 1      | -          | 2        | -        | 6            | 40       | 51   |
| number  | 86            | (D)    | -      | (D)        | -        | (D)      | 65           | 51       |      |
| 40 to 99 horsepower (PTO)                             | farms         | 97     | 8      | -          | 60       | 1        | 2            | 130      | 19   |
| number  | 172           | (D)    | -      | 68         | (D)      | (D)      | 184          | 20       |      |
| 100 horsepower (PTO) or more                          | farms         | 6      | 1      | -          | 2        | -        | 1            | 47       | 15   |
| number  | 9             | (D)    | -      | (D)        | -        | -        | 64           | 18       |      |
| Grain and bean combines                               | farms         | -      | -      | -          | 1        | -        | -            | -        | 1    |
| number  | -             | -      | -      | (D)        | -        | -        | -            | -        | (D)  |
| Cotton pickers and strippers                          | farms         | -      | -      | -          | -        | -        | -            | -        | -    |
| number  | -             | -      | -      | -          | -        | -        | -            | -        | -    |
| Forage harvesters, self-propelled (see text)          | farms         | 1      | -      | -          | 1        | -        | -            | 30       | 3    |
| number  | (D)           | -      | -      | (D)        | -        | -        | -            | 30       | 3    |
| Hay balers  | farms         | 103    | -      | -          | 16       | -        | -            | 117      | 21   |
| number  | 104           | -      | -      | 23         | -        | -        | -            | 118      | 22   |
| Manufactured prior to 1998:                           |               |        |        |            |          |          |              |          |      |
| Tractors  | farms         | 881    | 46     | 1          | 486      | 11       | 21           | 1,339    | 535  |
| number  | 2,836         | 111    | (D)    | 1,414      | (D)      | 50       | 3,601        | 1,499    |      |
| Less than 40 horsepower (PTO)                         | farms         | 435    | 37     | 1          | 304      | 7        | 16           | 675      | 407  |
| number  | 628           | (D)    | (D)    | (D)        | (D)      | (D)      | 1,057        | 595      |      |
| 40 to 99 horsepower (PTO)                             | farms         | 763    | 19     | 1          | 292      | 4        | 13           | 928      | 359  |
| number  | 1,808         | (D)    | (D)    | 641        | (D)      | (D)      | 1,935        | 688      |      |
| 100 horsepower (PTO) or more                          | farms         | 241    | 7      | -          | 132      | 1        | -            | 301      | 125  |
| number  | 400           | (D)    | -      | (D)        | (D)      | -        | -            | 609      | 216  |
| Grain and bean combines                               | farms         | 43     | -      | -          | 36       | -        | -            | 45       | 22   |
| number  | 45            | -      | -      | (D)        | -        | -        | -            | 55       | (D)  |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Schenectady   | Schoharie | Schuyler | Seneca | Steuben | Suffolk | Sullivan | Tioga  |      |
|---|---------------|-----------|----------|--------|---------|---------|----------|--------|------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |           |          |        |         |         |          |        |      |
| Estimated market value of all machinery and equipment |               |           |          |        |         |         |          |        |      |
| farms, 2002   | 200           | 575       | 382      | 433    | 1,395   | 652     | 354      | 528    |      |
| 1997  | 186           | 601       | 388      | 486    | 1,517   | 718     | 383      | 572    |      |
| \$1,000, 2002   | 24,241        | 32,934    | 16,165   | 70,865 | 169,076 | 134,771 | 25,677   | 51,178 |      |
| 1997  | 5,979         | 23,063    | 14,912   | 26,085 | 69,055  | 54,149  | 20,709   | 24,207 |      |
| Average per farm                                      | dollars, 2002 | 121,203   | 57,276   | 42,317 | 163,660 | 121,202 | 72,534   | 96,928 |      |
| 1997  | 32,144        | 38,374    | 38,433   | 53,673 | 45,521  | 75,416  | 54,071   | 42,320 |      |
| <b>Farms by value group:</b>                          |               |           |          |        |         |         |          |        |      |
| \$1 to \$9,999  | 2002          | 46        | 150      | 160    | 76      | 313     | 168      | 44     | 64   |
| 1997  | 54            | 123       | 113      | 83     | 302     | 55      | 61       | 193    |      |
| \$10,000 to \$19,999                                  | 2002          | 45        | 26       | 68     | 70      | 292     | 78       | 58     | 128  |
| 1997  | 22            | 134       | 87       | 128    | 352     | 106     | 40       | 107    |      |
| \$20,000 to \$29,999                                  | 2002          | 14        | 100      | 34     | 30      | 141     | 53       | 73     | 43   |
| 1997  | 72            | 116       | 64       | 137    | 280     | 167     | 118      | 54     |      |
| \$30,000 to \$49,999                                  | 2002          | 25        | 64       | 27     | 33      | 269     | 46       | 45     | 104  |
| 1997  | 14            | 70        | 46       | 22     | 193     | 84      | 23       | 70     |      |
| \$50,000 to \$69,999                                  | 2002          | 17        | 99       | 35     | 40      | 114     | 62       | 29     | 29   |
| 1997  | 4             | 71        | 28       | 23     | 121     | 61      | 45       | 22     |      |
| \$70,000 to \$99,999                                  | 2002          | 15        | 45       | 26     | 57      | 39      | 25       | 12     | 3    |
| 1997  | 5             | 40        | 22       | 16     | 78      | 73      | 26       | 56     |      |
| \$100,000 to \$199,999                                | 2002          | 15        | 46       | 21     | 58      | 96      | 97       | 68     | 121  |
| 1997  | 10            | 28        | 19       | 43     | 109     | 111     | 51       | 45     |      |
| \$200,000 to \$499,999                                | 2002          | 13        | 43       | 6      | 28      | 73      | 73       | 19     | 13   |
| 1997  | 5             | 19        | 6        | 31     | 72      | 52      | 18       | 25     |      |
| \$500,000 or more                                     | 2002          | 10        | 2        | 5      | 41      | 82      | 50       | 6      | 23   |
| 1997  | -             | -         | 3        | 3      | 10      | 9       | 1        | -      |      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |           |          |        |         |         |          |        |      |
| Tractors  | farms, 2002   | 196       | 504      | 365    | 390     | 1,374   | 569      | 313    | 503  |
| 1997  | 177           | 572       | 388      | 407    | 1,428   | 637     | 328      | 515    |      |
| number, 2002  | 536           | 1,497     | 1,078    | 1,762  | 4,025   | 1,961   | 972      | 2,197  |      |
| 1997  | 383           | 1,577     | 1,011    | 1,186  | 3,776   | 1,982   | 912      | 1,483  |      |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 130       | 240      | 264    | 239     | 723     | 445      | 198    | 240  |
| 1997  | 127           | 361       | 300      | 220    | 911     | 521     | 183      | 375    |      |
| number, 2002  | 252           | 415       | 436      | 498    | 1,114   | 1,006   | 386      | 466    |      |
| 1997  | 200           | 581       | 578      | 386    | 1,513   | 1,247   | 350      | 582    |      |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 135       | 444      | 272    | 291     | 989     | 285      | 200    | 441  |
| 1997  | 114           | 388       | 242      | 291    | 977     | 317     | 249      | 338    |      |
| number, 2002  | 258           | 894       | 471      | 788    | 2,066   | 715     | 495      | 1,064  |      |
| 1997  | (D)           | 768       | 360      | 478    | 1,750   | (D)     | (D)      | 665    |      |
| 100 horsepower (PTO) or more                          | farms, 2002   | 21        | 84       | 91     | 191     | 371     | 118      | 64     | 240  |
| 1997  | 7             | 156       | 50       | 173    | 290     | 48      | 41       | 141    |      |
| number, 2002  | 26            | 188       | 171      | 476    | 845     | 240     | 91       | 667    |      |
| 1997  | (D)           | 228       | 73       | 322    | 513     | (D)     | (D)      | 236    |      |
| Grain and bean combines (see text)                    | farms, 2002   | 3         | 5        | 53     | 149     | 224     | 13       | 9      | 30   |
| 1997  | 7             | 32        | 67       | 158    | 398     | 32      | 16       | 29     |      |
| number, 2002  | (D)           | 6         | 53       | 217    | 264     | 15      | 9        | 48     |      |
| 1997  | 11            | 33        | 75       | 205    | 442     | 37      | 16       | 40     |      |
| Cotton pickers and strippers                          | farms, 2002   | -         | -        | -      | -       | -       | -        | -      | -    |
| 1997  | -             | -         | -        | -      | -       | -       | -        | -      | -    |
| number, 2002  | -             | -         | -        | -      | -       | -       | -        | -      | -    |
| 1997  | -             | -         | -        | -      | -       | -       | -        | -      | -    |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 11        | 34       | 2      | 29      | 117     | 1        | 15     | 129  |
| 1997  | (NA)          | (NA)      | (NA)     | (NA)   | (NA)    | (NA)    | (NA)     | (NA)   | (NA) |
| number, 2002  | 11            | 34        | (D)      | 34     | 156     | (D)     | 17       | 129    |      |
| 1997  | (NA)          | (NA)      | (NA)     | (NA)   | (NA)    | (NA)    | (NA)     | (NA)   |      |
| Hay balers  | farms, 2002   | 128       | 311      | 216    | 237     | 784     | 55       | 206    | 355  |
| 1997  | 93            | 346       | 184      | 217    | 948     | 26      | 213      | 338    |      |
| number, 2002  | 151           | 446       | 280      | 286    | 1,027   | 68      | 298      | 431    |      |
| 1997  | 111           | 457       | 237      | 253    | 1,210   | 30      | 256      | 414    |      |
| <b>2002 INVENTORY</b>                                 |               |           |          |        |         |         |          |        |      |
| <b>Manufactured 1998 to 2002:</b>                     |               |           |          |        |         |         |          |        |      |
| Tractors  | farms         | 43        | 28       | 32     | 49      | 109     | 162      | 85     | 59   |
| number  | 44            | 82        | 60       | 75     | 183     | 283     | 137      | 66     |      |
| Less than 40 horsepower (PTO)                         | farms         | 14        | 1        | 23     | 4       | 6       | 83       | 34     | 26   |
| number  | (D)           | (D)       | 29       | 4      | 9       | 106     | 50       | 27     |      |
| 40 to 99 horsepower (PTO)                             | farms         | 29        | 26       | 20     | 33      | 73      | 101      | 50     | 14   |
| number  | 29            | 76        | 26       | 53     | 110     | 123     | 78       | 14     |      |
| 100 horsepower (PTO) or more                          | farms         | 1         | 3        | 3      | 16      | 50      | 22       | 5      | 22   |
| number  | (D)           | (D)       | 5        | 18     | 64      | 54      | 9        | 25     |      |
| Grain and bean combines                               | farms         | -         | -        | -      | 5       | 5       | -        | -      | -    |
| number  | -             | -         | -        | 6      | 6       | -       | -        | -      | -    |
| Cotton pickers and strippers                          | farms         | -         | -        | -      | -       | -       | -        | -      | -    |
| number  | -             | -         | -        | -      | -       | -       | -        | -      | -    |
| Forage harvesters, self-propelled (see text)          | farms         | -         | 22       | 2      | 8       | 30      | 1        | 2      | 1    |
| number  | -             | 22        | (D)      | 8      | 30      | (D)     | (D)      | (D)    |      |
| Hay balers  | farms         | 3         | 74       | 11     | 13      | 130     | 46       | 51     | 31   |
| number  | 3             | 97        | 16       | 16     | 139     | 46      | 55       | 31     |      |
| <b>Manufactured prior to 1998:</b>                    |               |           |          |        |         |         |          |        |      |
| Tractors  | farms         | 188       | 504      | 349    | 385     | 1,328   | 496      | 284    | 495  |
| number  | 492           | 1,415     | 1,018    | 1,687  | 3,842   | 1,678   | 835      | 2,131  |      |
| Less than 40 horsepower (PTO)                         | farms         | 117       | 240      | 248    | 238     | 719     | 382      | 173    | 222  |
| number  | (D)           | (D)       | 407      | 494    | 1,105   | 900     | 336      | 439    |      |
| 40 to 99 horsepower (PTO)                             | farms         | 133       | 444      | 265    | 284     | 942     | 231      | 195    | 441  |
| number  | 229           | 818       | 445      | 735    | 1,956   | 592     | 417      | 1,050  |      |
| 100 horsepower (PTO) or more                          | farms         | 21        | 84       | 91     | 189     | 349     | 101      | 61     | 240  |
| number  | (D)           | (D)       | 166      | 458    | 781     | 186     | 82       | 642    |      |
| Grain and bean combines                               | farms         | 3         | 5        | 53     | 147     | 220     | 13       | 9      | 30   |
| number  | (D)           | 6         | 53       | 53     | 211     | 258     | 15       | 48     |      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Tompkins      | Ulster  | Warren | Washington | Wayne  | Westchester | Wyoming | Yates   |        |
|---|---------------|---------|--------|------------|--------|-------------|---------|---------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |         |        |            |        |             |         |         |        |
| Estimated market value of all machinery and equipment |               |         |        |            |        |             |         |         |        |
| farms, 2002   | 511           | 480     | 66     | 787        | 865    | 113         | 768     | 725     |        |
| 1997  | 555           | 498     | 74     | 876        | 1,019  | 117         | 842     | 799     |        |
| \$1,000, 2002   | 129,249       | 39,274  | 1,838  | 74,688     | 89,900 | 7,296       | 129,134 | 55,089  |        |
| 1997  | 35,228        | 26,352  | 3,115  | 53,314     | 74,586 | 6,237       | 67,842  | 42,511  |        |
| Average per farm                                      | dollars, 2002 | 252,933 | 81,821 | 27,841     | 94,903 | 103,930     | 64,567  | 168,143 | 75,985 |
| 1997  |               | 63,474  | 52,915 | 42,092     | 60,860 | 73,196      | 53,308  | 80,572  | 53,206 |
| <b>Farms by value group:</b>                          |               |         |        |            |        |             |         |         |        |
| \$1 to \$9,999  | 2002          | 168     | 108    | 22         | 175    | 203         | 35      | 200     | 176    |
| 1997  |               | 70      | 120    | 18         | 129    | 209         | 24      | 192     | 98     |
| \$10,000 to \$19,999                                  | 2002          | 42      | 118    | 9          | 153    | 147         | 7       | 52      | 101    |
| 1997  |               | 108     | 77     | 12         | 105    | 164         | 15      | 189     | 143    |
| \$20,000 to \$29,999                                  | 2002          | 72      | 16     | 13         | 83     | 31          | 15      | 75      | 72     |
| 1997  |               | 92      | 65     | 16         | 80     | 150         | 10      | 47      | 101    |
| \$30,000 to \$49,999                                  | 2002          | 53      | 99     | 14         | 54     | 109         | 15      | 69      | 105    |
| 1997  |               | 56      | 84     | 11         | 224    | 148         | 16      | 92      | 184    |
| \$50,000 to \$69,999                                  | 2002          | 17      | 19     | 4          | 47     | 113         | 20      | 56      | 111    |
| 1997  |               | 51      | 56     | 5          | 114    | 84          | 16      | 57      | 101    |
| \$70,000 to \$99,999                                  | 2002          | 39      | 10     | 1          | 70     | 71          | 7       | 38      | 36     |
| 1997  |               | 71      | 38     | 7          | 64     | 69          | 18      | 52      | 38     |
| \$100,000 to \$199,999                                | 2002          | 33      | 53     | 2          | 132    | 100         | 9       | 122     | 65     |
| 1997  |               | 63      | 35     | 4          | 130    | 86          | 11      | 131     | 81     |
| \$200,000 to \$499,999                                | 2002          | 49      | 41     | 1          | 54     | 50          | 3       | 99      | 37     |
| 1997  |               | 36      | 18     | -          | 20     | 90          | 7       | 62      | 53     |
| \$500,000 or more                                     | 2002          | 38      | 16     | -          | 19     | 41          | 2       | 57      | 22     |
| 1997  |               | 8       | 5      | 1          | 10     | 19          | -       | 20      | -      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |         |        |            |        |             |         |         |        |
| Tractors  | farms, 2002   | 508     | 418    | 62         | 734    | 824         | 86      | 730     | 697    |
| 1997  |               | 529     | 471    | 58         | 818    | 968         | 96      | 808     | 761    |
| number, 2002  |               | 1,816   | 1,445  | 108        | 2,574  | 3,048       | 196     | 2,947   | 2,537  |
| 1997  |               | 1,565   | 1,267  | 95         | 2,318  | 3,006       | 239     | 2,430   | 2,064  |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 373     | 317    | 52         | 491    | 571         | 68      | 499     | 414    |
| 1997  |               | 317     | 319    | 36         | 497    | 565         | 71      | 509     | 522    |
| number, 2002  |               | 693     | 639    | 75         | 862    | 1,027       | 106     | 832     | 760    |
| 1997  |               | 474     | 617    | 51         | 707    | 1,002       | 140     | 799     | 911    |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 283     | 249    | 23         | 516    | 566         | 40      | 503     | 525    |
| 1997  |               | 387     | 313    | 30         | 602    | 741         | 61      | 591     | 527    |
| number, 2002  |               | 702     | 688    | (D)        | 1,020  | 1,476       | 75      | 1,263   | 1,456  |
| 1997  |               | 740     | 580    | (D)        | 1,219  | 1,523       | (D)     | 1,065   | 895    |
| 100 horsepower (PTO) or more                          | farms, 2002   | 165     | 68     | 4          | 274    | 269         | 8       | 245     | 205    |
| 1997  |               | 176     | 44     | 3          | 244    | 263         | 14      | 280     | 186    |
| number, 2002  |               | 421     | 118    | (D)        | 692    | 545         | 15      | 852     | 321    |
| 1997  |               | 351     | 70     | (D)        | 392    | 481         | (D)     | 566     | 258    |
| Grain and bean combines (see text)                    | farms, 2002   | 69      | 10     | 2          | 9      | 162         | -       | 95      | 90     |
| 1997  |               | 115     | 11     | 2          | 37     | 159         | -       | 79      | 204    |
| number, 2002  |               | 79      | 11     | (D)        | 11     | 181         | -       | 100     | 93     |
| 1997  |               | 126     | 13     | (D)        | 38     | 193         | -       | 100     | 247    |
| Cotton pickers and strippers                          | farms, 2002   | -       | -      | -          | -      | -           | -       | -       | -      |
| 1997  |               | -       | -      | -          | -      | -           | -       | -       | -      |
| number, 2002  |               | -       | -      | -          | -      | -           | -       | -       | -      |
| 1997  |               | -       | -      | -          | -      | -           | -       | -       | -      |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 30      | 27     | 3          | 59     | 65          | 1       | 105     | 5      |
| 1997  | (NA)          | (NA)    | (NA)   | (NA)       | (NA)   | (NA)        | (NA)    | (NA)    | (NA)   |
| number, 2002  |               | 38      | 39     | (D)        | 71     | 65          | (D)     | 108     | 6      |
| 1997  |               | (NA)    | (NA)   | (NA)       | (NA)   | (NA)        | (NA)    | (NA)    | (NA)   |
| Hay balers  | farms, 2002   | 246     | 183    | 12         | 390    | 304         | 14      | 334     | 408    |
| 1997  |               | 268     | 112    | 14         | 576    | 270         | 7       | 425     | 433    |
| number, 2002  |               | 327     | 244    | 15         | 418    | 348         | 15      | 372     | 482    |
| 1997  |               | 324     | 141    | 15         | 718    | 307         | 8       | 464     | 526    |
| <b>2002 INVENTORY</b>                                 |               |         |        |            |        |             |         |         |        |
| <b>Manufactured 1998 to 2002:</b>                     |               |         |        |            |        |             |         |         |        |
| Tractors  | farms         | 38      | 91     | 20         | 100    | 127         | 23      | 139     | 96     |
| number  |               | 78      | 126    | 24         | 136    | 273         | 30      | 249     | 146    |
| Less than 40 horsepower (PTO)                         | farms         | 24      | 44     | 16         | 52     | 39          | 11      | 41      | 36     |
| number  |               | 28      | 45     | 16         | 53     | 79          | 11      | 45      | 38     |
| 40 to 99 horsepower (PTO)                             | farms         | 10      | 55     | 6          | 36     | 76          | 10      | 52      | 58     |
| number  |               | 24      | 69     | (D)        | 45     | 152         | 16      | 72      | 77     |
| 100 horsepower (PTO) or more                          | farms         | 14      | 11     | 2          | 23     | 30          | 3       | 81      | 11     |
| number  |               | 26      | 12     | (D)        | 38     | 42          | 3       | 132     | 31     |
| Grain and bean combines                               | farms         | -       | -      | 2          | 2      | 18          | -       | 2       | -      |
| number  |               | -       | -      | (D)        | (D)    | 18          | -       | (D)     | -      |
| Cotton pickers and strippers                          | farms         | -       | -      | -          | -      | -           | -       | -       | -      |
| number  |               | -       | -      | -          | -      | -           | -       | -       | -      |
| Forage harvesters, self-propelled (see text)          | farms         | 1       | 4      | 2          | 19     | 4           | -       | 14      | -      |
| number  |               | (D)     | 4      | (D)        | 21     | 4           | -       | 15      | -      |
| Hay balers  | farms         | 20      | 26     | 2          | 17     | 3           | 2       | 47      | 39     |
| number  |               | 20      | 26     | (D)        | 17     | 4           | (D)     | 48      | 39     |
| <b>Manufactured prior to 1998:</b>                    |               |         |        |            |        |             |         |         |        |
| Tractors  | farms         | 497     | 362    | 57         | 731    | 796         | 81      | 710     | 662    |
| number  |               | 1,738   | 1,319  | 84         | 2,438  | 2,775       | 166     | 2,698   | 2,391  |
| Less than 40 horsepower (PTO)                         | farms         | 359     | 275    | 47         | 468    | 557         | 64      | 462     | 414    |
| number  |               | 665     | 594    | 59         | 809    | 948         | 95      | 787     | 722    |
| 40 to 99 horsepower (PTO)                             | farms         | 283     | 211    | 20         | 512    | 545         | 34      | 481     | 497    |
| number  |               | 678     | 619    | (D)        | 975    | 1,324       | 59      | 1,191   | 1,379  |
| 100 horsepower (PTO) or more                          | farms         | 162     | 67     | 2          | 270    | 265         | 5       | 224     | 198    |
| number  |               | 395     | 106    | (D)        | 654    | 503         | 12      | 720     | 290    |
| Grain and bean combines                               | farms         | 69      | 10     | -          | 8      | 145         | -       | 93      | 90     |
| number  |               | 79      | 11     | -          | (D)    | 163         | -       | (D)     | 93     |

--continued



**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item   | New York    | Albany    | Allegany | Bronx      | Broome   | Cattaraugus | Cayuga       |          |
|--|-------------|-----------|----------|------------|----------|-------------|--------------|----------|
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            |          |
| number   | -           | -         | -        | -          | -        | -           | -            |          |
| Forage harvesters, self-propelled (see text) . . . . . farms | 1,693       | 18        | 28       | -          | 27       | 61          | 44           |          |
| number   | 1,825       | 26        | 28       | -          | 27       | 62          | 44           |          |
| Hay balers . . . . . farms                                   | 17,226      | 209       | 465      | -          | 278      | 442         | 477          |          |
| number   | 20,832      | 255       | 598      | -          | 356      | 521         | 577          |          |
| Item   | Chautauqua  | Chemung   | Chenango | Clinton    | Columbia | Cortland    | Delaware     | Dutchess |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 84          | 40        | 11       | 24         | 11       | 31          | 25           | 13       |
| number   | 86          | 41        | 11       | 24         | (D)      | (D)         | 32           | (D)      |
| Hay balers . . . . . farms                                   | 682         | 218       | 572      | 262        | 237      | 261         | 476          | 116      |
| number   | 765         | 271       | 802      | 308        | 318      | 295         | 564          | 150      |
| Item   | Erie        | Essex     | Franklin | Fulton     | Genesee  | Greene      | Hamilton     | Herkimer |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 131         | 8         | 41       | 18         | 52       | -           | 2            | 30       |
| number   | 131         | 11        | 41       | 18         | 66       | -           | (D)          | 30       |
| Hay balers . . . . . farms                                   | 711         | 99        | 297      | 123        | 281      | 145         | -            | 476      |
| number   | 949         | 117       | 337      | 139        | 368      | 180         | -            | 529      |
| Item   | Jefferson   | Kings     | Lewis    | Livingston | Madison  | Monroe      | Montgomery   | Nassau   |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 53          | -         | 32       | 21         | 14       | 16          | 49           | -        |
| number   | 53          | -         | 32       | 21         | 14       | 16          | 57           | -        |
| Hay balers . . . . . farms                                   | 596         | -         | 409      | 282        | 363      | 147         | 378          | -        |
| number   | 767         | -         | 437      | 377        | 419      | 168         | 463          | -        |
| Item   | New York    | Niagara   | Oneida   | Onondaga   | Ontario  | Orange      | Orleans      | Oswego   |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | -           | 74        | 13       | 31         | 13       | 16          | 6            | -        |
| number   | -           | (D)       | 13       | 40         | 14       | 17          | 6            | -        |
| Hay balers . . . . . farms                                   | -           | 382       | 618      | 414        | 390      | 200         | 122          | 340      |
| number   | -           | 465       | 703      | 504        | 422      | 226         | 148          | 441      |
| Item   | Otsego      | Putnam    | Queens   | Rensselaer | Richmond | Rockland    | St. Lawrence | Saratoga |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 21          | -         | -        | 3          | -        | -           | 74           | 13       |
| number   | (D)         | -         | -        | (D)        | -        | -           | 76           | 13       |
| Hay balers . . . . . farms                                   | 605         | 16        | -        | 270        | -        | 7           | 761          | 228      |
| number   | 702         | 17        | -        | 324        | -        | 7           | 948          | 249      |
| Item   | Schenectady | Schoharie | Schuyler | Seneca     | Steuben  | Suffolk     | Sullivan     | Tioga    |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 11          | 12        | -        | 21         | 106      | -           | 14           | 128      |
| number   | 11          | 12        | -        | 26         | 126      | -           | (D)          | (D)      |
| Hay balers . . . . . farms                                   | 128         | 260       | 209      | 226        | 712      | 21          | 182          | 353      |
| number   | 148         | 349       | 264      | 270        | 888      | 22          | 243          | 400      |
| Item   | Tompkins    | Ulster    | Warren   | Washington | Wayne    | Westchester | Wyoming      | Yates    |
| <b>2002 INVENTORY - Con.</b>                                 |             |           |          |            |          |             |              |          |
| Manufactured prior to 1998 - Con.                            |             |           |          |            |          |             |              |          |
| Cotton pickers and strippers . . . . . farms                 | -           | -         | -        | -          | -        | -           | -            | -        |
| number   | -           | -         | -        | -          | -        | -           | -            | -        |
| Forage harvesters, self-propelled (see text) . . . . . farms | 29          | 23        | 1        | 42         | 61       | 1           | 91           | 5        |
| number   | (D)         | 35        | (D)      | 50         | 61       | (D)         | 93           | 6        |
| Hay balers . . . . . farms                                   | 244         | 173       | 10       | 374        | 302      | 12          | 296          | 369      |
| number   | 307         | 218       | (D)      | 401        | 344      | (D)         | 324          | 443      |