

Table 12. Selected Farm Production Expenses: 1978

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

All Farms  
Part 1 of 2

|                              | Livestock and poultry purchased |                    | Feed for livestock and poultry |                    |                                 |         |                    | Animal health costs |                    | Seeds, bulbs, plants, and trees |                    |
|------------------------------|---------------------------------|--------------------|--------------------------------|--------------------|---------------------------------|---------|--------------------|---------------------|--------------------|---------------------------------|--------------------|
|                              |                                 |                    | Total                          |                    | Commercially mixed formula feed |         |                    |                     |                    |                                 |                    |
|                              | Farms                           | Expenses (\$1,000) | Farms                          | Expenses (\$1,000) | Farms                           | Tons    | Expenses (\$1,000) | Farms               | Expenses (\$1,000) | Farms                           | Expenses (\$1,000) |
| Michigan .....               | 21 323                          | 148 965            | 33 390                         | 184 066            | 17 632                          | 649 122 | 109 396            | 26 982              | 13 719             | 49 785                          | 81 192             |
| Alcona .....                 | 100                             | 657                | 188                            | 488                | 61                              | 2 211   | 314                | 176                 | 33                 | 155                             | 97                 |
| Alger .....                  | 35                              | 125                | 64                             | 332                | 28                              | 941     | 145                | 54                  | 13                 | 49                              | 26                 |
| Allegan .....                | 767                             | 8 767              | 1 125                          | 13 127             | 639                             | 56 711  | 8 602              | 981                 | 594                | 1 533                           | 2 176              |
| Alpena .....                 | 177                             | 399                | 265                            | 1 013              | 87                              | 4 592   | 744                | 221                 | 54                 | 258                             | 191                |
| Antrim .....                 | 81                              | 614                | 130                            | 1 649              | 75                              | 7 481   | 1 365              | 104                 | 39                 | 189                             | 351                |
| Arenac .....                 | 157                             | 1 203              | 192                            | 991                | 89                              | 3 623   | 579                | 171                 | 55                 | 360                             | 619                |
| Baraga .....                 | 15                              | 32                 | 62                             | 108                | 30                              | 587     | 73                 | 49                  | 12                 | 38                              | 22                 |
| Barry .....                  | 339                             | 1 413              | 572                            | 3 271              | 242                             | 11 301  | 1 989              | 506                 | 238                | 820                             | 821                |
| Bay .....                    | 134                             | 456                | 189                            | 650                | 123                             | 1 958   | 418                | 149                 | 52                 | 989                             | 1 907              |
| Benzie .....                 | 46                              | 549                | 55                             | 298                | 28                              | 339     | 78                 | 51                  | 16                 | 90                              | 72                 |
| Berrien .....                | 235                             | 1 952              | 474                            | 2 551              | 229                             | 11 983  | 1 784              | 325                 | 126                | 1 390                           | 1 870              |
| Branch .....                 | 421                             | 4 152              | 611                            | 3 174              | 266                             | 8 648   | 1 510              | 517                 | 274                | 1 045                           | 1 501              |
| Calhoun .....                | 3 583                           | 3 589              | 777                            | 3 258              | 309                             | 10 327  | 1 677              | 641                 | 309                | 1 051                           | 1 678              |
| Cass .....                   | 441                             | 3 542              | 640                            | 7 737              | 283                             | 13 149  | 2 585              | 532                 | 385                | 850                             | 1 368              |
| Charlevoix .....             | 86                              | 333                | 146                            | 451                | 61                              | 1 362   | 204                | 110                 | 37                 | 192                             | 99                 |
| Cheboygan .....              | 101                             | 235                | 138                            | 502                | 29                              | 2 450   | 360                | 114                 | 21                 | 139                             | 138                |
| Chippewa .....               | 143                             | 404                | 244                            | 908                | 108                             | 2 377   | 474                | 190                 | 41                 | 242                             | 92                 |
| Clare .....                  | 136                             | 898                | 219                            | 1 038              | 89                              | 1 774   | 314                | 191                 | 60                 | 165                             | 162                |
| Clinton .....                | 548                             | 2 759              | 764                            | 4 589              | 417                             | 13 208  | 2 656              | 629                 | 449                | 1 159                           | 1 667              |
| Crawford .....               | 5                               | 7                  | 8                              | 5                  | 4                               | 6       | 1                  | 4                   | (2)                | 10                              | 5                  |
| Delta .....                  | 96                              | 165                | 224                            | 1 368              | 115                             | 3 863   | 523                | 204                 | 73                 | 179                             | 258                |
| Dickinson .....              | 40                              | 38                 | 80                             | 318                | 38                              | 942     | 180                | 56                  | 14                 | 74                              | 114                |
| Eaton .....                  | 374                             | 1 383              | 680                            | 1 966              | 289                             | 4 708   | 889                | 547                 | 215                | 1 159                           | 1 750              |
| Emmet .....                  | 52                              | 59                 | 122                            | 467                | 59                              | 1 092   | 168                | 99                  | 21                 | 154                             | 97                 |
| Genesee .....                | 250                             | 3 141              | 365                            | 1 742              | 142                             | 5 657   | 1 122              | 288                 | 123                | 712                             | 1 306              |
| Gladwin .....                | 139                             | 391                | 236                            | 591                | 84                              | 1 808   | 285                | 172                 | 42                 | 296                             | 331                |
| Gogebic .....                | 21                              | 75                 | 60                             | 221                | 23                              | 358     | 44                 | 52                  | 14                 | 31                              | 6                  |
| Grand Traverse .....         | 97                              | 402                | 133                            | 409                | 44                              | 1 494   | 278                | 90                  | 21                 | 345                             | 541                |
| Gratiot .....                | 357                             | 4 744              | 471                            | 5 054              | 289                             | 19 639  | 3 343              | 402                 | 291                | 1 202                           | 2 391              |
| Hillsdale .....              | 418                             | 3 935              | 681                            | 4 410              | 321                             | 13 551  | 2 323              | 601                 | 381                | 1 264                           | 1 596              |
| Houghton .....               | 58                              | 33                 | 126                            | 496                | 83                              | 2 375   | 356                | 99                  | 21                 | 127                             | 64                 |
| Huron .....                  | 534                             | 15 593             | 876                            | 11 541             | 562                             | 37 786  | 6 376              | 749                 | 617                | 1 547                           | 3 358              |
| Ingham .....                 | 340                             | 1 599              | 593                            | 3 286              | 321                             | 9 459   | 1 838              | 485                 | 348                | 821                             | 1 946              |
| Ionia .....                  | 482                             | 2 755              | 724                            | 5 640              | 328                             | 24 331  | 3 983              | 642                 | 428                | 975                             | 1 563              |
| Iosco .....                  | 66                              | 334                | 143                            | 576                | 50                              | 1 520   | 272                | 104                 | 50                 | 165                             | 128                |
| Iron .....                   | 28                              | 80                 | 62                             | 115                | 29                              | 495     | 74                 | 54                  | 9                  | 42                              | 38                 |
| Isabella .....               | 312                             | 3 606              | 481                            | 3 299              | 270                             | 10 087  | 2 077              | 412                 | 218                | 820                             | 1 300              |
| Jackson .....                | 478                             | 4 092              | 643                            | 2 564              | 254                             | 6 740   | 1 216              | 544                 | 350                | 942                             | 1 290              |
| Kalamazoo .....              | 279                             | 4 531              | 469                            | 4 036              | 220                             | 15 356  | 2 843              | 412                 | 302                | 748                             | 1 965              |
| Kalkaska .....               | 31                              | 43                 | 53                             | 167                | 27                              | 376     | 78                 | 38                  | 15                 | 62                              | 87                 |
| Kent .....                   | 494                             | 2 578              | 773                            | 4 942              | 364                             | 15 892  | 3 093              | 675                 | 606                | 1 124                           | 2 782              |
| Keweenaw .....               | 3                               | 1                  | 4                              | 3                  | 2                               | (D)     | (D)                | 3                   | (2)                | 2                               | (D)                |
| Lake .....                   | 38                              | 44                 | 74                             | 148                | 34                              | 429     | 76                 | 60                  | 12                 | 76                              | 31                 |
| Lapeer .....                 | 440                             | 3 661              | 748                            | 2 654              | 366                             | 5 972   | 1 196              | 667                 | 426                | 951                             | 1 365              |
| Leelanau .....               | 81                              | 919                | 150                            | 751                | 82                              | 1 823   | 259                | 99                  | 39                 | 260                             | 503                |
| Lenawee .....                | 511                             | 8 263              | 674                            | 4 343              | 283                             | 10 787  | 1 885              | 584                 | 394                | 1 521                           | 3 426              |
| Livingston .....             | 263                             | 1 808              | 431                            | 1 686              | 232                             | 4 107   | 645                | 419                 | 222                | 561                             | 810                |
| Luce .....                   | 13                              | 212                | 19                             | 91                 | 3                               | 337     | 41                 | 16                  | 6                  | 18                              | 28                 |
| Mackinac .....               | 33                              | 71                 | 65                             | 436                | 37                              | 1 439   | 239                | 58                  | 26                 | 49                              | 37                 |
| Macomb .....                 | 153                             | 1 209              | 322                            | 1 096              | 149                             | 2 640   | 573                | 275                 | 120                | 617                             | 1 596              |
| Manistee .....               | 119                             | 154                | 162                            | 169                | 66                              | 451     | 57                 | 136                 | 26                 | 203                             | 251                |
| Marquette .....              | 44                              | 67                 | 71                             | 299                | 33                              | 1 608   | 222                | 54                  | 15                 | 50                              | 24                 |
| Mason .....                  | 81                              | 1 084              | 192                            | 729                | 106                             | 1 813   | 330                | 141                 | 44                 | 343                             | 586                |
| Mecosta .....                | 235                             | 531                | 371                            | 1 570              | 174                             | 5 293   | 841                | 338                 | 108                | 478                             | 528                |
| Menominee .....              | 168                             | 516                | 390                            | 2 580              | 254                             | 12 022  | 1 795              | 350                 | 134                | 285                             | 270                |
| Midland .....                | 123                             | 1 744              | 154                            | 641                | 58                              | 1 756   | 310                | 139                 | 48                 | 375                             | 606                |
| Missaukee .....              | 150                             | 1 503              | 276                            | 2 993              | 188                             | 11 086  | 1 626              | 256                 | 129                | 299                             | 324                |
| Monroe .....                 | 383                             | 3 009              | 478                            | 1 587              | 224                             | 4 974   | 797                | 294                 | 132                | 1 158                           | 2 501              |
| Montcalm .....               | 350                             | 926                | 537                            | 2 542              | 247                             | 7 701   | 1 353              | 480                 | 221                | 974                             | 2 542              |
| Montmorency .....            | 28                              | 47                 | 62                             | 239                | 29                              | 1 072   | 168                | 52                  | 12                 | 64                              | 53                 |
| Muskegon .....               | 204                             | 1 516              | 270                            | 1 094              | 145                             | 2 940   | 531                | 241                 | 110                | 324                             | 568                |
| Newaygo .....                | 279                             | 894                | 485                            | 2 744              | 259                             | 13 151  | 1 827              | 347                 | 170                | 642                             | 682                |
| Oakland .....                | 146                             | 791                | 291                            | 957                | 145                             | 2 744   | 449                | 236                 | 140                | 381                             | 2 085              |
| Oceana .....                 | 197                             | 1 351              | 278                            | 1 205              | 129                             | 4 745   | 721                | 217                 | 76                 | 574                             | 1 042              |
| Ogemaw .....                 | 126                             | 273                | 207                            | 627                | 96                              | 2 333   | 356                | 169                 | 64                 | 214                             | 226                |
| Ontonagon .....              | 39                              | 55                 | 112                            | 320                | 55                              | 1 949   | 259                | 81                  | 20                 | 80                              | 24                 |
| Osceola .....                | 160                             | 636                | 362                            | 2 096              | 174                             | 7 649   | 1 121              | 305                 | 148                | 348                             | 300                |
| Oscoda .....                 | 33                              | 155                | 58                             | 291                | 30                              | 1 208   | 175                | 50                  | 14                 | 58                              | 35                 |
| Otsego .....                 | 39                              | 61                 | 76                             | 130                | 30                              | 325     | 53                 | 58                  | 11                 | 99                              | 67                 |
| Ottawa .....                 | 721                             | 10 731             | 1 015                          | 16 178             | 534                             | 76 342  | 12 848             | 814                 | 682                | 1 147                           | 3 507              |
| Presque Isle .....           | 179                             | 485                | 212                            | 750                | 66                              | 2 963   | 437                | 188                 | 39                 | 225                             | 324                |
| Roscommon .....              | 7                               | 6                  | 18                             | 37                 | 3                               | (D)     | (D)                | 13                  | 1                  | 1                               | (D)                |
| Saginaw .....                | 394                             | 1 644              | 549                            | 1 991              | 230                             | 6 000   | 1 136              | 373                 | 224                | 1 455                           | 2 721              |
| St Clair .....               | 358                             | 2 876              | 590                            | 3 240              | 269                             | 12 527  | 2 020              | 516                 | 237                | 842                             | 1 066              |
| St Joseph .....              | 400                             | 2 561              | 597                            | 4 172              | 325                             | 17 745  | 2 699              | 520                 | 256                | 870                             | 1 352              |
| Sanilac .....                | 585                             | 3 571              | 1 002                          | 6 368              | 646                             | 19 229  | 3 782              | 943                 | 759                | 1 572                           | 3 279              |
| Schoolcraft .....            | 17                              | 46                 | 33                             | 81                 | 16                              | 324     | 56                 | 30                  | 6                  | 29                              | 34                 |
| Shiawassee .....             | 329                             | 1 529              | 510                            | 3 625              | 269                             | 10 628  | 1 866              | 493                 | 365                | 1 042                           | 1 562              |
| Tuscola .....                | 403                             | 2 973              | 498                            | 3 992              | 233                             | 17 291  | 2 756              | 438                 | 249                | 1 326                           | 3 203              |
| Van Buren .....              | 403                             | 2 629              | 495                            | 2 737              | 201                             | 9 207   | 1 451              | 395                 | 188                | 1 034                           | 1 696              |
| Washtenaw .....              | 525                             | 3 153              | 775                            | 2 737              | 381                             | 9 074   | 1 627              | 643                 | 350                | 1 115                           | 1 746              |
| Wayne .....                  | 84                              | 185                | 110                            | 273                | 51                              | 958     | 138                | 79                  | 19                 | 311                             | 905                |
| Wexford .....                | 65                              | 137                | 93                             | 404                | 36                              | 1 536   | 304                | 54                  | 19                 | 153                             | 100                |
| Farms not on mail list ..... | 3 022                           | 3 274              | 4 716                          | 4 109              | 3 633                           | 20 308  | 3 124              | 2 918               | 490                | 4 137                           | 1 398              |

Table 12. Selected Farm Production Expenses: 1978 — Con.

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

All Farms  
Part 2 of 2

|                              | Commercial fertilizer |                    | Other agricultural chemicals, including lime |                    | Hired farm labor |                    | Contract labor |                    | Customwork, and rental of machinery and equipment |                    | Energy and petroleum products |                    |
|------------------------------|-----------------------|--------------------|--|--------------------|------------------|--------------------|----------------|--------------------|---|--------------------|-------------------------------|--------------------|
|                              | Farms                 | Expenses (\$1,000) | Farms  | Expenses (\$1,000) | Farms            | Expenses (\$1,000) | Farms          | Expenses (\$1,000) | Farms   | Expenses (\$1,000) | Farms                         | Expenses (\$1,000) |
| Michigan .....               | 51 962                | 175 929            | 47 047                                       | 68 555             | 22 925           | 137 307            | 3 305          | 12 435             | 27 246  | 27 175             | 67 900                        | 131 249            |
| Alcona .....                 | 147                   | 121                | 102  | 33                 | 117              | 121                | 1              | (D)                | 91  | 39                 | 287                           | 306                |
| Alger .....                  | 51                    | 60                 | 37   | 11                 | 39               | 112                | 1              | (D)                | 25  | 11                 | 94                            | 151                |
| Allegan .....                | 1 637                 | 5 075              | 1 585  | 2 333              | 786              | 6 250              | 141            | 347                | 872   | 894                | 1 922                         | 4 777              |
| Alpena .....                 | 303                   | 387                | 130  | 111                | 131              | 292                | 7              | 19                 | 153   | 78                 | 441                           | 505                |
| Antrim .....                 | 197                   | 767                | 185  | 443                | 108              | 937                | 21             | 75                 | 101   | 156                | 261                           | 632                |
| Arenac .....                 | 394                   | 1 620              | 309  | 441                | 123              | 649                | 22             | 65                 | 171   | 183                | 421                           | 1 126              |
| Baraga .....                 | 49                    | 43                 | 44   | 27                 | 31               | 55                 | 2              | (D)                | 24  | 6                  | 92                            | 73                 |
| Barry .....                  | 745                   | 1 942              | 676  | 647                | 339              | 1 161              | 6              | 100                | 479   | 361                | 1 031                         | 1 833              |
| Bay .....                    | 1 104                 | 5 679              | 1 020  | 1 593              | 554              | 1 817              | 109            | 361                | 575   | 587                | 1 170                         | 2 499              |
| Benzie .....                 | 211                   | 116                | 115  | 308                | 79               | 647                | 12             | 89                 | 70  | 87                 | 173                           | 224                |
| Berrien .....                | 1 589                 | 3 138              | 1 694  | 3 147              | 1 048            | 11 224             | 253            | 1 037              | 1 001   | 1 432              | 1 920                         | 3 472              |
| Branch .....                 | 1 075                 | 3 960              | 957  | 1 397              | 371              | 1 376              | 27             | 131                | 533   | 534                | 1 184                         | 2 512              |
| Calhoun .....                | 1 047                 | 3 641              | 985  | 1 384              | 417              | 2 282              | 16             | 5                  | 597   | 598                | 1 307                         | 2 957              |
| Cass .....                   | 856                   | 3 396              | 833  | 1 359              | 362              | 2 138              | 64             | 147                | 466   | 745                | 1 058                         | 2 154              |
| Charlevoix .....             | 202                   | 353                | 130  | 60                 | 60               | 383                | 12             | 27                 | 58  | 102                | 248                           | 258                |
| Cheboygan .....              | 137                   | 351                | 75   | 72                 | 76               | 212                | 8              | 5                  | 72  | 30                 | 221                           | 317                |
| Chippewa .....               | 255                   | 413                | 83   | 82                 | 129              | 206                | 12             | 6                  | 128   | 36                 | 359                           | 378                |
| Clare .....                  | 186                   | 372                | 120  | 108                | 109              | 414                | 6              | 9                  | 84  | 56                 | 315                           | 489                |
| Clinton .....                | 1 269                 | 4 311              | 1 190  | 1 556              | 424              | 1 514              | 55             | 206                | 763   | 518                | 1 509                         | 2 881              |
| Crawford .....               | 10                    | 3                  | 9  | 2                  | 2                | (D)                | 1              | (D)                | 2   | (D)                | 16                            | 14                 |
| Delta .....                  | 231                   | 466                | 177  | 153                | 144              | 588                | 16             | 20                 | 133   | 42                 | 333                           | 543                |
| Dickinson .....              | 79                    | 226                | 54   | 92                 | 57               | 317                | 3              | 1                  | 33  | 13                 | 116                           | 216                |
| Eaton .....                  | 1 153                 | 3 535              | 1 062  | 1 337              | 461              | 1 025              | 72             | 166                | 712   | 758                | 1 392                         | 2 362              |
| Emmet .....                  | 175                   | 253                | 129  | 79                 | 46               | 175                | 1              | (D)                | 31  | (D)                | 230                           | 276                |
| Genesee .....                | 766                   | 2 642              | 660  | 922                | 312              | 1 053              | 74             | 227                | 327   | 249                | 990                           | 1 656              |
| Gladwin .....                | 329                   | 647                | 253  | 77                 | 167              | 232                | 3              | 7                  | 240   | 143                | 408                           | 468                |
| Gogebic .....                | 32                    | 17                 | 23   | 7                  | 28               | 112                | 3              | 1                  | 25  | 4                  | 72                            | 61                 |
| Grand Traverse .....         | 397                   | 985                | 416  | 1 358              | 279              | 2 209              | 61             | 435                | 207   | 425                | 481                           | 857                |
| Grafton .....                | 1 173                 | 5 666              | 1 049  | 1 900              | 424              | 1 639              | 60             | 288                | 533   | 466                | 1 329                         | 3 231              |
| Hillsdale .....              | 1 248                 | 4 447              | 1 188  | 1 394              | 458              | 1 464              | 44             | 145                | 723   | 669                | 1 523                         | 2 756              |
| Houghton .....               | 157                   | 110                | 131  | 46                 | 66               | 205                | 10             | 4                  | 67  | 22                 | 213                           | 321                |
| Huron .....                  | 1 545                 | 10 148             | 1 383  | 2 293              | 664              | 2 711              | 108            | 216                | 876   | 1 233              | 1 797                         | 5 456              |
| Ingham .....                 | 887                   | 4 365              | 828  | 1 597              | 417              | 2 715              | 64             | 128                | 547   | 557                | 1 059                         | 2 518              |
| Ionia .....                  | 1 042                 | 3 937              | 985  | 1 711              | 453              | 2 616              | 48             | 173                | 645   | 511                | 1 230                         | 2 980              |
| Iosco .....                  | 170                   | 318                | 140  | 77                 | 86               | 256                | 7              | (D)                | 116   | 33                 | 236                           | 327                |
| Iron .....                   | 46                    | 70                 | 32   | 45                 | 33               | 201                | 7              | 5                  | 31  | 12                 | 92                            | 116                |
| Isabella .....               | 806                   | 2 999              | 698  | 937                | 475              | 1 758              | 7              | 16                 | 400   | 371                | 992                           | 2 225              |
| Jackson .....                | 930                   | 3 470              | 912  | 1 350              | 360              | 2 536              | 55             | 138                | 502   | 498                | 1 180                         | 2 471              |
| Kalamazoo .....              | 738                   | 3 080              | 725  | 1 180              | 428              | 3 666              | 65             | 83                 | 343   | 470                | 971                           | 3 007              |
| Kalkasko .....               | 61                    | 124                | 52   | 60                 | 29               | 132                | 3              | 2                  | 22  | 17                 | 91                            | 174                |
| Kent .....                   | 1 192                 | 3 381              | 1 190  | 2 511              | 655              | 7 769              | 129            | 846                | 618   | 784                | 1 456                         | 4 776              |
| Keweenaw .....               | 1                     | (D)                | 1  | (D)                | —                | —                  | —              | —                  | —   | —                  | 5                             | 2                  |
| Lake .....                   | 74                    | 61                 | 40   | 19                 | 37               | 57                 | —              | —                  | 45  | 14                 | 127                           | 118                |
| Lapeer .....                 | 1 018                 | 3 523              | 799  | 1 232              | 559              | 4 762              | 37             | 219                | 556   | 566                | 1 315                         | 3 211              |
| Leelanaw .....               | 325                   | 921                | 363  | 976                | 218              | 2 393              | 78             | 658                | 187   | 425                | 416                           | 772                |
| Lenawee .....                | 1 551                 | 8 358              | 1 444  | 2 914              | 543              | 2 532              | 68             | 585                | 786   | 856                | 1 840                         | 4 299              |
| Livingston .....             | 557                   | 1 976              | 534  | 644                | 259              | 1 203              | 3              | 32                 | 377   | 339                | 781                           | 1 488              |
| Luce .....                   | 22                    | 34                 | 14   | (D)                | 16               | 62                 | 1              | (D)                | 12  | 8                  | 30                            | 71                 |
| Mackinac .....               | 63                    | 105                | 35   | 30                 | 33               | 110                | 2              | (D)                | 23  | 19                 | 87                            | 146                |
| Macomb .....                 | 674                   | 1 688              | 639  | 733                | 390              | 3 396              | 19             | 256                | 305   | 228                | 839                           | 2 436              |
| Manistee .....               | 246                   | 323                | 193  | 411                | 141              | 1 254              | 46             | 227                | 141   | 117                | 331                           | 517                |
| Marquette .....              | 56                    | 85                 | 41   | 31                 | 32               | 145                | 3              | 1                  | 29  | 17                 | 101                           | 146                |
| Mason .....                  | 378                   | 987                | 372  | 603                | 182              | 1 114              | 75             | 154                | 221   | 204                | 496                           | 763                |
| Mecosta .....                | 481                   | 1 007              | 397  | 314                | 187              | 859                | 24             | 5                  | 284   | 220                | 682                           | 1 111              |
| Menominee .....              | 390                   | 842                | 284  | 164                | 196              | 784                | 26             | 18                 | 225   | 108                | 490                           | 981                |
| Midland .....                | 465                   | 1 679              | 410  | 523                | 153              | 331                | 26             | 12                 | 259   | 219                | 524                           | 825                |
| Missaukee .....              | 303                   | 744                | 280  | 263                | 170              | 657                | 13             | 13                 | 150   | 137                | 359                           | 943                |
| Monroe .....                 | 1 311                 | 5 193              | 1 208  | 2 117              | 447              | 2 629              | 58             | 59                 | 639   | 619                | 1 520                         | 3 318              |
| Montcalm .....               | 985                   | 3 903              | 928  | 1 683              | 398              | 2 268              | 41             | 134                | 571   | 655                | 1 208                         | 2 828              |
| Montmorency .....            | 76                    | 132                | 44   | 27                 | 28               | 95                 | 6              | 7                  | 33  | 27                 | 108                           | 159                |
| Muskegon .....               | 390                   | 1 040              | 340  | 555                | 200              | 2 156              | 53             | 498                | 216   | 276                | 484                           | 1 317              |
| Newaygo .....                | 669                   | 1 339              | 575  | 712                | 294              | 1 692              | 13             | 59                 | 366   | 252                | 804                           | 1 587              |
| Oakland .....                | 313                   | 760                | 338  | 280                | 226              | 3 429              | 61             | 144                | 192   | 116                | 610                           | 1 347              |
| Oceanac .....                | 681                   | 1 807              | 643  | 1 623              | 426              | 4 043              | 131            | 686                | 412   | 562                | 769                           | 1 502              |
| Ogemaw .....                 | 199                   | 603                | 143  | 152                | 124              | 395                | 14             | 11                 | 110   | 49                 | 302                           | 612                |
| Ontonagon .....              | 82                    | 66                 | 38   | 24                 | 62               | 94                 | 6              | 4                  | 45  | 13                 | 147                           | 161                |
| Osceola .....                | 340                   | 634                | 260  | 163                | 187              | 481                | 13             | 11                 | 192   | 107                | 548                           | 838                |
| Oscoda .....                 | 53                    | 97                 | 35   | 19                 | 31               | 59                 | 1              | (D)                | 22  | 4                  | 78                            | 122                |
| Otsego .....                 | 101                   | 174                | 82   | 67                 | 49               | 86                 | 7              | 5                  | 29  | 12                 | 151                           | 208                |
| Ottawa .....                 | 1 303                 | 3 043              | 1 187  | 1 685              | 748              | 9 474              | 82             | 1 301              | 718   | 755                | 1 572                         | 4 009              |
| Presque Isle .....           | 299                   | 724                | 222  | 238                | 191              | 565                | 21             | 32                 | 141   | 85                 | 349                           | 636                |
| Roscommon .....              | 12                    | (D)                | 5  | 1                  | 10               | (D)                | 1              | (D)                | 3   | 4                  | 30                            | 30                 |
| Saginaw .....                | 1 621                 | 7 284              | 1 493  | 2 466              | 517              | 2 098              | 39             | 105                | 707   | 627                | 1 818                         | 3 514              |
| St Clair .....               | 945                   | 2 723              | 747  | 859                | 371              | 1 283              | 20             | 58                 | 450   | 418                | 1 314                         | 2 058              |
| St Joseph .....              | 870                   | 4 187              | 858  | 1 394              | 285              | 1 722              | 35             | 161                | 554   | 650                | 1 061                         | 2 541              |
| Sanilac .....                | 1 710                 | 8 776              | 1 549  | 2 251              | 754              | 3 536              | 81             | 203                | 894   | 1 212              | 1 963                         | 5 429              |
| Schoolcraft .....            | 35                    | 59                 | 22   | 21                 | 20               | 51                 | 1              | (D)                | 12  | 4                  | 54                            | 71                 |
| Shiawassee .....             | 1 200                 | 3 702              | 1 069  | 1 217              | 457              | 1 587              | 52             | 94                 | 597   | 473                | 1 386                         | 2 513              |
| Tuscola .....                | 1 418                 | 9 800              | 1 239  | 2 665              | 605              | 2 651              | 92             | 249                | 745   | 707                | 1 562                         | 4 084              |
| Van Buren .....              | 1 273                 | 3 389              | 1 290  | 2 544              | 805              | 7 462              | 261            | 673                | 801   | 1 366              | 1 615                         | 3 078              |
| Washtenaw .....              | 1 113                 | 3 971              | 1 016  | 1 203              | 398              | 2 453              | 61             | 80                 | 559   | 540                | 1 362                         | 3 055              |
| Wayne .....                  | 262                   | 530                | 237  | 233                | 134              | 1 490              | 46             | 43                 | 105   | 80                 | 463                           | 979                |
| Wexford .....                | 132                   | 186                | 113  | 75                 | 55               | 202                | 7              | 71                 | 84  | 34                 | 227                           | 248                |
| Farms not on mail list ..... | 3 439                 | 2 738              | 3 143  | 998                | 640              | 439                | 70             | 23                 | 1 053   | 305                | 7 752                         | 2 821              |