

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) |
| Sevier                 | 954                   | 526                | 435  | 72                 | 451              | 482                | 57             | 52                 | 323   | 108                | 1 129                         | 557                |
| Shelby                 | 401                   | 1 611              | 413  | 1 668              | 290              | 2 677              | 22             | 47                 | 188   | 381                | 1 752                         | 1 659              |
| Smith                  | 1 015                 | 598                | 716  | 156                | 488              | 580                | 38             | 64                 | 364   | 132                | 1 235                         | 653                |
| Stewart                | 384                   | 383                | 317  | 159                | 213              | 357                | 20             | 20                 | 123   | 47                 | 457                           | 320                |
| Sullivan               | 1 437                 | 677                | 584  | 114                | 779              | 917                | 64             | 32                 | 479   | 127                | 1 578                         | 702                |
| Sumner                 | 1 664                 | 1 726              | 1 392  | 535                | 886              | 1 350              | 198            | 298                | 914   | 361                | 2 035                         | 1 345              |
| Tipton                 | 610                   | 2 612              | 559  | 1 907              | 373              | 2 290              | 51             | 112                | 378   | 578                | 795                           | 2 003              |
| Trousdale              | 414                   | 320                | 313  | 67                 | 256              | 262                | 27             | 17                 | 249   | 85                 | 462                           | 251                |
| Unicoi                 | 359                   | 97                 | 188  | 19                 | 178              | 127                | 26             | 6                  | 110   | 26                 | 348                           | 79                 |
| Union                  | 622                   | 370                | 237  | 22                 | 300              | 187                | 7              | 4                  | 268   | 59                 | 647                           | 328                |
| Van Buren              | 177                   | 238                | 115  | 31                 | 77               | 252                | 6              | 108                | 82  | 51                 | 209                           | 149                |
| Warren                 | 1 047                 | 2 103              | 781  | 594                | 445              | 4 116              | 135            | 1 126              | 404   | 405                | 1 276                         | 1 607              |
| Washington             | 1 830                 | 1 428              | 816  | 198                | 992              | 1 595              | 97             | 525                | 835   | 319                | 1 977                         | 1 225              |
| Wayne                  | 472                   | 464                | 306  | 97                 | 218              | 232                | 18             | 9                  | 109   | 41                 | 671                           | 357                |
| Weakley                | 983                   | 3 466              | 1 024  | 1 451              | 348              | 771                | 39             | 48                 | 499   | 400                | 1 289                         | 1 918              |
| White                  | 954                   | 1 235              | 611  | 247                | 464              | 805                | 40             | 54                 | 482   | 242                | 1 077                         | 795                |
| Williamson             | 1 055                 | 1 297              | 718  | 311                | 679              | 1 683              | 71             | 120                | 585   | 411                | 1 462                         | 1 398              |
| Wilson                 | 1 184                 | 772                | 772  | 151                | 653              | 972                | 183            | 159                | 595   | 339                | 1 759                         | 956                |
| Farms not on mail list | 5 870                 | 1 682              | 3 896  | 475                | 2 131            | 831                | 451            | 224                | 2 081   | 363                | 10 126                        | 2 336              |

Table 13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978

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

All Farms  
Part 1 of 3

|            | Total  |                    | Gasoline |                    |                           |                  |                      | Diesel fuel |                    |                           |                  |                      |
|------------|--------|--------------------|----------|--------------------|---------------------------|------------------|----------------------|-------------|--------------------|---------------------------|------------------|----------------------|
|            | Farms  | Expenses (\$1,000) | Farms    | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      | Farms       | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      |
|            |        |                    |          |                    |                           | Farms            | Size (1,000 gallons) |             |                    |                           | Farms            | Size (1,000 gallons) |
| Tennessee  | 96 302 | 81 905             | 84 971   | 33 411             | 57 525                    | 21 263           | 7 538                | 43 197      | 24 779             | 52 760                    | 20 724           | 9 211                |
| Anderson   | 436    | 213                | 331      | 104                | 176                       | 31               | 12                   | 241         | 33                 | 68                        | 71               | 11                   |
| Bedford    | 1 304  | 1 460              | 1 145    | 566                | 992                       | 357              | 119                  | 633         | 367                | 787                       | 316              | 108                  |
| Benton     | 459    | 403                | 414      | 227                | 396                       | 109              | 32                   | 210         | 90                 | 191                       | 87               | 30                   |
| Bledsoe    | 460    | 573                | 424      | 264                | 448                       | 128              | 39                   | 303         | 151                | 319                       | 178              | 57                   |
| Blount     | 1 054  | 749                | 896      | 293                | 509                       | 158              | 72                   | 521         | 168                | 361                       | 214              | 68                   |
| Bradley    | 663    | 780                | 511      | 215                | 374                       | 131              | 55                   | 363         | 127                | 279                       | 166              | 57                   |
| Campbell   | 452    | 184                | 373      | 83                 | 142                       | 26               | 13                   | 196         | 26                 | 58                        | 43               | 7                    |
| Cannon     | 741    | 506                | 663      | 198                | 349                       | 117              | 38                   | 321         | 142                | 304                       | 138              | 54                   |
| Carrroll   | 1 229  | 1 089              | 1 067    | 448                | 763                       | 422              | 132                  | 539         | 359                | 775                       | 337              | 145                  |
| Carter     | 874    | 356                | 793      | 160                | 272                       | 65               | 20                   | 288         | 75                 | 153                       | 109              | 36                   |
| Cheatham   | 611    | 402                | 580      | 218                | 367                       | 187              | 67                   | 237         | 68                 | 139                       | 98               | 27                   |
| Chester    | 524    | 415                | 423      | 155                | 261                       | 139              | 40                   | 327         | 167                | 365                       | 167              | 66                   |
| Claiborne  | 1 636  | 717                | 1 432    | 366                | 611                       | 245              | 60                   | 666         | 101                | 208                       | 153              | 33                   |
| Clay       | 629    | 336                | 565      | 187                | 321                       | 144              | 50                   | 285         | 65                 | 140                       | 111              | 24                   |
| Cocke      | 1 177  | 592                | 1 022    | 253                | 420                       | 135              | 47                   | 543         | 122                | 260                       | 179              | 48                   |
| Coffee     | 936    | 979                | 840      | 371                | 640                       | 284              | 88                   | 505         | 289                | 620                       | 248              | 91                   |
| Crockett   | 635    | 1 706              | 504      | 522                | 934                       | 229              | 103                  | 448         | 899                | 1 925                     | 317              | 266                  |
| Cumberland | 600    | 645                | 483      | 243                | 446                       | 109              | 39                   | 356         | 205                | 435                       | 193              | 62                   |
| Davidson   | 659    | 518                | 589      | 221                | 378                       | 127              | 55                   | 219         | 89                 | 184                       | 88               | 32                   |
| Decatur    | 511    | 386                | 457      | 208                | 352                       | 158              | 41                   | 218         | 92                 | 196                       | 156              | 43                   |
| De Kalb    | 956    | 509                | 824      | 243                | 405                       | 105              | 34                   | 364         | 129                | 284                       | 154              | 44                   |
| Dickson    | 1 074  | 699                | 961      | 349                | 589                       | 296              | 71                   | 511         | 140                | 296                       | 269              | 52                   |
| Dyer       | 847    | 2 583              | 738      | 833                | 1 435                     | 440              | 250                  | 611         | 1 332              | 2 829                     | 443              | 441                  |
| Fayette    | 832    | 2 075              | 732      | 660                | 1 157                     | 304              | 143                  | 509         | 929                | 2 008                     | 355              | 287                  |
| Fentress   | 494    | 461                | 452      | 195                | 326                       | 99               | 39                   | 226         | 93                 | 191                       | 81               | 39                   |
| Franklin   | 1 092  | 1 245              | 965      | 456                | 810                       | 272              | 98                   | 520         | 402                | 850                       | 314              | 154                  |
| Gibson     | 1 511  | 2 722              | 1 325    | 943                | 1 617                     | 720              | 286                  | 878         | 1 187              | 2 523                     | 591              | 358                  |
| Giles      | 1 538  | 1 234              | 1 416    | 549                | 941                       | 317              | 84                   | 632         | 278                | 592                       | 275              | 105                  |
| Grainger   | 1 285  | 600                | 1 144    | 312                | 518                       | 92               | 26                   | 509         | 94                 | 196                       | 183              | 39                   |
| Greene     | 3 448  | 1 853              | 3 053    | 794                | 1 346                     | 592              | 196                  | 1 419       | 335                | 703                       | 698              | 205                  |
| Grundy     | 370    | 424                | 283      | 121                | 203                       | 63               | 23                   | 182         | 56                 | 121                       | 59               | 30                   |
| Hamblen    | 870    | 434                | 776      | 212                | 364                       | 107              | 43                   | 291         | 89                 | 187                       | 94               | 25                   |
| Hamilton   | 539    | 523                | 410      | 160                | 285                       | 77               | 32                   | 262         | 66                 | 146                       | 97               | 49                   |
| Hancock    | 828    | 324                | 710      | 183                | 295                       | 73               | 17                   | 376         | 51                 | 108                       | 87               | 16                   |
| Hardeman   | 674    | 1 008              | 598      | 378                | 660                       | 212              | 103                  | 370         | 440                | 940                       | 182              | 166                  |
| Hardin     | 700    | 647                | 555      | 248                | 417                       | 236              | 70                   | 372         | 243                | 519                       | 246              | 100                  |
| Hawkins    | 2 030  | 792                | 1 674    | 362                | 615                       | 215              | 61                   | 830         | 139                | 291                       | 277              | 63                   |
| Haywood    | 676    | 2 151              | 582      | 693                | 1 192                     | 294              | 172                  | 442         | 1 062              | 2 283                     | 265              | 354                  |
| Henderson  | 1 029  | 859                | 936      | 352                | 601                       | 312              | 82                   | 536         | 303                | 653                       | 335              | 106                  |
| Henry      | 1 073  | 1 362              | 933      | 535                | 920                       | 422              | 170                  | 612         | 483                | 1 008                     | 368              | 187                  |
| Hickman    | 663    | 512                | 557      | 245                | 439                       | 231              | 87                   | 300         | 103                | 219                       | 157              | 47                   |
| Houston    | 248    | 193                | 227      | 107                | 179                       | 47               | 10                   | 149         | 43                 | 88                        | 95               | 20                   |
| Humphreys  | 586    | 355                | 492      | 158                | 271                       | 114              | 40                   | 260         | 100                | 213                       | 126              | 45                   |
| Jackson    | 818    | 397                | 763      | 226                | 378                       | 91               | 21                   | 253         | 67                 | 134                       | 82               | 18                   |
| Jefferson  | 1 315  | 862                | 1 151    | 389                | 673                       | 319              | 97                   | 598         | 162                | 347                       | 221              | 67                   |
| Johnson    | 938    | 361                | 811      | 183                | 309                       | 81               | 25                   | 315         | 66                 | 134                       | 71               | 25                   |
| Knox       | 1 251  | 822                | 1 063    | 287                | 514                       | 175              | 62                   | 590         | 130                | 279                       | 301              | 119                  |
| Lake       | 133    | 971                | 124      | 284                | 479                       | 74               | 58                   | 108         | 527                | 1 091                     | 76               | 155                  |
| Lauderdale | 728    | 1 812              | 664      | 705                | 1 251                     | 302              | 195                  | 441         | 797                | 1 727                     | 291              | 282                  |
| Lawrence   | 1 486  | 1 286              | 1 336    | 513                | 889                       | 284              | 83                   | 646         | 422                | 893                       | 358              | 126                  |
| Lewis      | 225    | 143                | 175      | 63                 | 109                       | 44               | 17                   | 100         | 35                 | 72                        | 54               | 15                   |
| Lincoln    | 1 721  | 1 515              | 1 490    | 583                | 1 002                     | 337              | 104                  | 872         | 467                | 985                       | 387              | 154                  |
| Loudon     | 696    | 868                | 584      | 201                | 356                       | 145              | 50                   | 347         | 184                | 393                       | 175              | 68                   |

Table 13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978—Con.

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

All Farms  
Part 1 of 3

|                        | Total |                    | Gasoline |                    |                           |                  |                      | Diesel fuel |                    |                           |                  |                      |     |
|------------------------|-------|--------------------|----------|--------------------|---------------------------|------------------|----------------------|-------------|--------------------|---------------------------|------------------|----------------------|-----|
|                        | Farms | Expenses (\$1,000) | Farms    | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      | Farms       | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      |     |
|                        |       |                    |          |                    |                           | Farms            | Size (1,000 gallons) |             |                    |                           | Farms            | Size (1,000 gallons) |     |
| McMinn                 | 1     | 030                | 885      | 342                | 585                       | 306              | 97                   | 454         | 194                | 409                       | 204              | 100                  |     |
| McNairy                |       | 909                | 787      | 294                | 514                       | 321              | 94                   | 606         | 312                | 673                       | 390              | 129                  |     |
| Macon                  | 1     | 289                | 1 151    | 313                | 532                       | 197              | 55                   | 509         | 120                | 251                       | 155              | 36                   |     |
| Madison                |       | 840                | 1 519    | 752                | 509                       | 881              | 338                  | 153         | 551                | 691                       | 1 496            | 334                  | 244 |
| Marion                 |       | 320                | 357      | 275                | 103                       | 175              | 84                   | 32          | 164                | 99                        | 215              | 98                   | 42  |
| Marshall               | 1     | 036                | 801      | 357                | 606                       | 316              | 83                   | 393         | 181                | 381                       | 208              | 69                   | 42  |
| Maury                  | 1     | 698                | 1 193    | 1 474              | 537                       | 950              | 369                  | 119         | 792                | 285                       | 603              | 377                  | 124 |
| Meigs                  |       | 316                | 265      | 259                | 95                        | 164              | 71                   | 19          | 223                | 76                        | 160              | 72                   | 27  |
| Monroe                 |       | 932                | 710      | 789                | 255                       | 449              | 129                  | 42          | 447                | 172                       | 357              | 176                  | 61  |
| Montgomery             | 1     | 225                | 1 155    | 1 149              | 580                       | 994              | 570                  | 183         | 490                | 334                       | 711              | 286                  | 104 |
| Moore                  |       | 414                | 350      | 356                | 190                       | 322              | 65                   | 21          | 199                | 68                        | 145              | 78                   | 26  |
| Morgan                 |       | 269                | 290      | 210                | 112                       | 208              | 51                   | 16          | 182                | 101                       | 224              | 68                   | 26  |
| Obion                  |       | 961                | 2 206    | 841                | 759                       | 1 306            | 444                  | 189         | 643                | 973                       | 2 108            | 402                  | 285 |
| Overton                |       | 908                | 569      | 700                | 266                       | 477              | 194                  | 71          | 532                | 131                       | 277              | 302                  | 73  |
| Perry                  |       | 280                | 236      | 228                | 112                       | 185              | 76                   | 28          | 156                | 78                        | 163              | 82                   | 27  |
| Pickett                |       | 410                | 248      | 382                | 137                       | 227              | 74                   | 22          | 182                | 46                        | 94               | 57                   | 17  |
| Polk                   |       | 219                | 283      | 192                | 71                        | 126              | 59                   | 19          | 132                | 69                        | 148              | 69                   | 27  |
| Putnam                 | 1     | 157                | 458      | 1 003              | 207                       | 354              | 122                  | 31          | 450                | 97                        | 199              | 217                  | 48  |
| Rhea                   |       | 326                | 240      | 247                | 104                       | 174              | 55                   | 17          | 189                | 58                        | 122              | 92                   | 44  |
| Roane                  |       | 499                | 309      | 439                | 135                       | 232              | 67                   | 16          | 251                | 48                        | 99               | 83                   | 17  |
| Robertson              | 1     | 759                | 2 579    | 1 652              | 1 072                     | 1 817            | 844                  | 329         | 960                | 701                       | 1 468            | 603                  | 277 |
| Rutherford             | 1     | 571                | 1 203    | 1 492              | 538                       | 940              | 363                  | 123         | 593                | 273                       | 586              | 285                  | 101 |
| Scott                  |       | 220                | 155      | 174                | 61                        | 115              | 16                   | 6           | 114                | 30                        | 64               | 48                   | 14  |
| Sequitche              |       | 166                | 170      | 138                | 71                        | 116              | 49                   | 16          | 100                | 28                        | 59               | 49                   | 14  |
| Sevier                 | 1     | 129                | 557      | 958                | 270                       | 467              | 177                  | 67          | 511                | 94                        | 198              | 223                  | 61  |
| Shelby                 |       | 752                | 1 659    | 716                | 638                       | 1 109            | 271                  | 142         | 263                | 676                       | 1 522            | 206                  | 225 |
| Smith                  | 1     | 235                | 653      | 1 127              | 356                       | 609              | 193                  | 50          | 395                | 100                       | 203              | 147                  | 40  |
| Stewart                |       | 457                | 320      | 435                | 170                       | 289              | 140                  | 35          | 202                | 63                        | 131              | 73                   | 21  |
| Sullivan               | 1     | 578                | 702      | 1 376              | 304                       | 517              | 141                  | 46          | 554                | 137                       | 286              | 226                  | 63  |
| Sumner                 | 2     | 035                | 1 345    | 1 839              | 658                       | 1 128            | 406                  | 126         | 798                | 312                       | 641              | 356                  | 101 |
| Tipton                 |       | 795                | 2 003    | 734                | 713                       | 1 207            | 318                  | 163         | 473                | 905                       | 1 947            | 252                  | 324 |
| Trousdale              |       | 462                | 251      | 412                | 141                       | 239              | 109                  | 36          | 177                | 48                        | 96               | 81                   | 19  |
| Unicoi                 |       | 348                | 79       | 289                | 36                        | 60               | 19                   | 4           | 98                 | 11                        | 22               | 74                   | 16  |
| Union                  |       | 647                | 328      | 547                | 153                       | 256              | 50                   | 8           | 320                | 66                        | 149              | 108                  | 17  |
| Van Buren              |       | 209                | 149      | 172                | 78                        | 133              | 35                   | 12          | 105                | 24                        | 49               | 27                   | 17  |
| Warren                 | 1     | 276                | 1 607    | 1 143              | 674                       | 1 175            | 297                  | 110         | 670                | 435                       | 909              | 340                  | 123 |
| Washington             | 1     | 977                | 1 225    | 1 698              | 511                       | 868              | 289                  | 84          | 944                | 264                       | 550              | 350                  | 101 |
| Wayne                  |       | 671                | 357      | 536                | 176                       | 301              | 69                   | 21          | 362                | 86                        | 185              | 93                   | 41  |
| Weakley                | 1     | 289                | 1 918    | 1 202              | 704                       | 1 226            | 595                  | 213         | 733                | 728                       | 1 565            | 505                  | 360 |
| White                  | 1     | 077                | 795      | 977                | 326                       | 547              | 162                  | 42          | 498                | 183                       | 394              | 252                  | 76  |
| Williamson             | 1     | 462                | 1 398    | 1 341              | 601                       | 1 026            | 390                  | 134         | 739                | 370                       | 754              | 337                  | 115 |
| Wilson                 | 1     | 759                | 956      | 1 591              | 474                       | 816              | 341                  | 110         | 670                | 152                       | 316              | 263                  | 63  |
| Farms not on mail list | 10    | 126                | 2 336    | 9 325              | 1 393                     | 2 401            | 1 288                | 382         | 2 523              | 373                       | 761              | 940                  | 270 |

All Farms  
Part 2 of 3

|            | LP gas, butane, and propane |                    |                           |                  |                      | Fuel oil |                    |                           |                  |                      |     |
|------------|-----------------------------|--------------------|---------------------------|------------------|----------------------|----------|--------------------|---------------------------|------------------|----------------------|-----|
|            | Farms                       | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      | Farms    | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      |     |
|            |                             |                    |                           | Farms            | Size (1,000 gallons) |          |                    |                           | Farms            | Size (1,000 gallons) |     |
| Tennessee  | 3                           | 233                | 1 968                     | 4 658            | 1 680                | 1 190    | 5 671              | 1 265                     | 2 661            | 439                  | 340 |
| Anderson   |                             | —                  | —                         | —                | —                    | —        | 16                 | (D)                       | (D)              | 11                   | 4   |
| Bedford    |                             | 24                 | 8                         | 18               | 16                   | 7        | 123                | 107                       | 234              | 1                    | (D) |
| Benton     |                             | 20                 | 9                         | 20               | 3                    | 1        | 23                 | 5                         | 10               | 5                    | 1   |
| Bledsoe    |                             | 13                 | 9                         | 21               | 11                   | 6        | 44                 | 4                         | 7                | 6                    | 2   |
| Blount     |                             | 25                 | 21                        | 47               | 6                    | 10       | 81                 | 46                        | 111              | 25                   | 6   |
| Brodley    |                             | 82                 | 166                       | 409              | 67                   | 96       | 22                 | 3                         | 7                | 2                    | (D) |
| Campbell   |                             | 2                  | (D)                       | (D)              | —                    | —        | 62                 | (D)                       | (D)              | —                    | (D) |
| Cannon     |                             | 35                 | 20                        | 48               | 23                   | 18       | 34                 | 3                         | 6                | 1                    | (D) |
| Carroll    |                             | 55                 | 15                        | 37               | 7                    | 2        | 109                | 10                        | 19               | —                    | —   |
| Carter     |                             | 1                  | (D)                       | (D)              | —                    | —        | 24                 | (D)                       | (D)              | 11                   | 11  |
| Cheatham   |                             | 6                  | 5                         | 16               | 6                    | 3        | 27                 | 3                         | 6                | 1                    | (D) |
| Chester    |                             | 33                 | 7                         | 20               | 3                    | 1        | 31                 | 5                         | 11               | —                    | —   |
| Claiborne  |                             | 5                  | 1                         | 2                | 5                    | 2        | 73                 | 14                        | 28               | 7                    | 4   |
| Clay       |                             | 1                  | (D)                       | (D)              | 1                    | (D)      | 21                 | (D)                       | (D)              | —                    | —   |
| Cocke      |                             | 31                 | 16                        | 33               | 17                   | 15       | 41                 | 4                         | 8                | 9                    | 2   |
| Coffee     |                             | 85                 | 58                        | 142              | 66                   | 37       | 126                | 24                        | 51               | 3                    | 1   |
| Crockett   |                             | 39                 | 17                        | 42               | 32                   | 15       | 46                 | 23                        | 45               | 6                    | 3   |
| Cumberland |                             | 14                 | 11                        | 27               | 5                    | 3        | 8                  | 2                         | 4                | 1                    | (D) |
| Davidson   |                             | 15                 | 10                        | 21               | 12                   | 2        | 32                 | 30                        | 61               | 15                   | 4   |
| Decatur    |                             | 14                 | 2                         | 4                | 1                    | (D)      | 30                 | 3                         | 6                | —                    | —   |
| De Kalb    |                             | 15                 | 6                         | 15               | 2                    | (D)      | 52                 | 6                         | 13               | 10                   | 1   |
| Dickson    |                             | 24                 | 5                         | 13               | 6                    | 5        | 60                 | 5                         | 11               | —                    | —   |
| Dyer       |                             | 38                 | 25                        | 57               | 30                   | 18       | 70                 | 32                        | 64               | 7                    | 2   |
| Fayette    |                             | 96                 | 61                        | 144              | 49                   | 46       | 79                 | 24                        | 50               | 2                    | (D) |
| Fentress   |                             | 17                 | 15                        | 35               | 8                    | 9        | 10                 | 2                         | 5                | 5                    | (Z) |
| Franklin   |                             | 60                 | 40                        | 99               | 35                   | 17       | 90                 | 12                        | 23               | 2                    | (D) |
| Gibson     |                             | 72                 | 28                        | 65               | 46                   | 21       | 218                | 69                        | 138              | 20                   | 2   |
| Giles      |                             | 73                 | 24                        | 56               | 44                   | 26       | 122                | 6                         | 13               | 1                    | (D) |
| Grainger   |                             | 13                 | 1                         | 1                | 1                    | (D)      | 144                | 6                         | 12               | 6                    | 3   |
| Greene     |                             | 26                 | 6                         | 11               | 6                    | 4        | 165                | 22                        | 44               | 6                    | 1   |
| Grundy     |                             | 97                 | 119                       | 276              | 73                   | 62       | 16                 | 5                         | 10               | 5                    | 3   |
| Hambien    |                             | 4                  | (Z)                       | (Z)              | —                    | —        | 36                 | 3                         | 7                | —                    | —   |
| Hamilton   |                             | 66                 | 69                        | 177              | 33                   | 37       | 25                 | 21                        | 43               | 8                    | 15  |
| Hancock    |                             | 5                  | (Z)                       | (Z)              | —                    | —        | 59                 | 5                         | 9                | —                    | —   |
| Hardeman   |                             | 47                 | 15                        | 39               | 21                   | 8        | 63                 | 9                         | 18               | 2                    | (D) |
| Hardin     |                             | 18                 | 5                         | 10               | 12                   | 7        | 34                 | 5                         | 9                | —                    | —   |
| Hawkins    |                             | 8                  | 4                         | 9                | —                    | —        | 107                | 21                        | 47               | 21                   | 10  |
| Haywood    |                             | 103                | 56                        | 142              | 62                   | 29       | 43                 | 26                        | 52               | —                    | —   |
| Henderson  |                             | 23                 | 10                        | 26               | 4                    | 2        | 58                 | 11                        | 22               | 6                    | (Z) |

Table 13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978—Con.

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

All Farms  
Part 2 of 3

|                        | LP gas, butane, and propane |                    |                           |                  |                      | Fuel oil |                    |                           |                  |                      |
|------------------------|-----------------------------|--------------------|---------------------------|------------------|----------------------|----------|--------------------|---------------------------|------------------|----------------------|
|                        | Farms                       | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      | Farms    | Expenses (\$1,000) | Purchased (1,000 gallons) | Storage capacity |                      |
|                        |                             |                    |                           | Farms            | Size (1,000 gallons) |          |                    |                           | Farms            | Size (1,000 gallons) |
| Henry                  | 62                          | 28                 | 62                        | 42               | 19                   | 53       | 17                 | 34                        | 7                | 2                    |
| Hickman                | 27                          | 11                 | 24                        | 8                | 6                    | 17       | 2                  | 5                         | —                | —                    |
| Houston                | 11                          | 1                  | 3                         | 1                | (D)                  | 5        | (Z)                | (Z)                       | —                | —                    |
| Humphreys              | 12                          | 10                 | 25                        | 11               | 7                    | 37       | 3                  | 6                         | 1                | (D)                  |
| Jackson                | 17                          | 2                  | 5                         | 6                | 3                    | 47       | 3                  | 7                         | —                | —                    |
| Jefferson              | 18                          | 15                 | 32                        | 11               | 14                   | 97       | 11                 | 23                        | 1                | (D)                  |
| Johnson                | 11                          | 2                  | 7                         | 1                | (D)                  | 31       | 6                  | 13                        | —                | —                    |
| Knox                   | 19                          | 26                 | 53                        | 18               | 16                   | 67       | 132                | 305                       | 18               | 85                   |
| Lake                   | 8                           | 6                  | 14                        | 8                | 4                    | 6        | 1                  | 3                         | —                | —                    |
| Lauderdale             | 73                          | 28                 | 66                        | 21               | 17                   | 88       | 7                  | 15                        | —                | —                    |
| Lawrence               | 27                          | 25                 | 58                        | 7                | 8                    | 60       | 5                  | 11                        | —                | —                    |
| Lewis                  | 12                          | 10                 | 24                        | 7                | 6                    | 13       | (Z)                | 1                         | —                | —                    |
| Lincoln                | 110                         | 41                 | 96                        | 72               | 48                   | 111      | 21                 | 44                        | 5                | 5                    |
| Loudon                 | 12                          | 16                 | 35                        | 2                | (D)                  | 73       | 9                  | 18                        | 8                | 5                    |
| McMinn                 | 63                          | 62                 | 157                       | 53               | 51                   | 112      | 7                  | 14                        | 10               | 4                    |
| McNairy                | 41                          | 15                 | 37                        | 23               | 11                   | 45       | 3                  | 6                         | 1                | (D)                  |
| Macon                  | 26                          | 9                  | 18                        | 11               | 6                    | 64       | 27                 | 63                        | 6                | 6                    |
| Madison                | 42                          | 23                 | 54                        | 23               | 16                   | 107      | 22                 | 43                        | 7                | (Z)                  |
| Marion                 | 59                          | 81                 | 197                       | 30               | 23                   | 23       | 2                  | 4                         | —                | —                    |
| Marshall               | 63                          | 25                 | 58                        | 30               | 12                   | 49       | 3                  | 7                         | 24               | 8                    |
| Maury                  | 51                          | 31                 | 67                        | 16               | 12                   | 131      | 12                 | 25                        | 6                | (Z)                  |
| Meigs                  | 5                           | 5                  | 14                        | 2                | (D)                  | 20       | 2                  | 5                         | —                | —                    |
| Monroe                 | 36                          | 18                 | 43                        | 21               | 12                   | 58       | 8                  | 16                        | 6                | 2                    |
| Montgomery             | 10                          | 5                  | 11                        | 8                | 5                    | 65       | 7                  | 14                        | 1                | (D)                  |
| Moore                  | 16                          | 9                  | 18                        | 8                | 4                    | 9        | 1                  | 3                         | —                | —                    |
| Morgan                 | 2                           | (D)                | (D)                       | 1                | (D)                  | 9        | (D)                | (D)                       | —                | —                    |
| Obion                  | 81                          | 63                 | 144                       | 56               | 60                   | 47       | 7                  | 14                        | —                | —                    |
| Overton                | 14                          | 8                  | 20                        | 9                | 6                    | 42       | 5                  | 11                        | —                | —                    |
| Perry                  | 14                          | 4                  | 10                        | 3                | 3                    | 28       | 5                  | 10                        | —                | —                    |
| Pickett                | 7                           | 3                  | 7                         | —                | —                    | 17       | 4                  | 10                        | —                | —                    |
| Polk                   | 29                          | 50                 | 122                       | 20               | 26                   | 7        | (Z)                | 1                         | —                | —                    |
| Putnam                 | 19                          | 6                  | 14                        | 8                | 4                    | 101      | 4                  | 9                         | 1                | (D)                  |
| Rhea                   | 3                           | 3                  | 8                         | 1                | (D)                  | 16       | 1                  | 2                         | 1                | (D)                  |
| Roane                  | 14                          | 4                  | 9                         | 13               | 4                    | 44       | 6                  | 13                        | 10               | 2                    |
| Robertson              | 88                          | 41                 | 90                        | 47               | 28                   | 137      | 103                | 205                       | 10               | 2                    |
| Rutherford             | 90                          | 42                 | 97                        | 38               | 20                   | 57       | 9                  | 20                        | 3                | (Z)                  |
| Scott                  | 7                           | 7                  | 18                        | 6                | 4                    | 7        | (Z)                | 1                         | —                | —                    |
| Sequatchie             | 15                          | 21                 | 51                        | 7                | 8                    | 3        | (Z)                | (Z)                       | —                | —                    |
| Sevier                 | 9                           | 4                  | 8                         | 7                | 7                    | 70       | 8                  | 17                        | 10               | 4                    |
| Shelby                 | 91                          | 42                 | 101                       | 45               | 26                   | 32       | 6                  | 15                        | 2                | (D)                  |
| Smith                  | 33                          | 11                 | 25                        | 11               | 8                    | 94       | 10                 | 19                        | 12               | 3                    |
| Stewart                | 2                           | (D)                | (D)                       | —                | —                    | 40       | (D)                | (D)                       | —                | —                    |
| Sullivan               | 23                          | 4                  | 10                        | 2                | (D)                  | 74       | 26                 | 54                        | 11               | 28                   |
| Sumner                 | 56                          | 25                 | 54                        | 20               | 17                   | 132      | 13                 | 26                        | 3                | (Z)                  |
| Tipton                 | 94                          | 60                 | 153                       | 51               | 24                   | 29       | 5                  | 10                        | —                | —                    |
| Trousdale              | 26                          | 8                  | 17                        | 23               | 9                    | 25       | 2                  | 5                         | —                | —                    |
| Unicoi                 | 6                           | 4                  | 7                         | —                | —                    | 38       | 2                  | 5                         | 2                | (D)                  |
| Union                  | —                           | —                  | —                         | —                | —                    | 40       | 6                  | 11                        | —                | —                    |
| Van Buren              | 8                           | 5                  | 13                        | 2                | (D)                  | —        | —                  | —                         | —                | —                    |
| Warren                 | 96                          | 59                 | 139                       | 43               | 31                   | 131      | 21                 | 43                        | 14               | 7                    |
| Washington             | 49                          | 4                  | 9                         | —                | —                    | 133      | 35                 | 74                        | 19               | 27                   |
| Wayne                  | 19                          | 12                 | 26                        | 17               | 8                    | 42       | 2                  | 3                         | —                | —                    |
| Weakley                | 43                          | 19                 | 45                        | 23               | 13                   | 99       | 27                 | 53                        | 7                | 1                    |
| White                  | 48                          | 23                 | 53                        | 28               | 18                   | 49       | 5                  | 10                        | 13               | 1                    |
| Williamson             | 50                          | 34                 | 71                        | 21               | 20                   | 90       | 20                 | 45                        | 13               | 7                    |
| Wilson                 | 61                          | 26                 | 55                        | 25               | 18                   | 107      | 9                  | 18                        | —                | —                    |
| Farms not on mail list | —                           | —                  | —                         | —                | —                    | 119      | 3                  | 7                         | —                | —                    |

All Farms  
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|            | Natural gas |                    | Kerosene, motor oil, and grease |                    | Electricity |                    | Other—coal, wood, coke, etc. |                    |
|------------|-------------|--------------------|---------------------------------|--------------------|-------------|--------------------|------------------------------|--------------------|
|            | Farms       | Expenses (\$1,000) | Farms                           | Expenses (\$1,000) | Farms       | Expenses (\$1,000) | Farms                        | Expenses (\$1,000) |
| Tennessee  | 657         | 485                | 96 174                          | 6 377              | 41 956      | 12 298             | 5 992                        | 1 322              |
| Anderson   | 2           | (D)                | 436                             | 21                 | 207         | 44                 | 31                           | 5                  |
| Bedford    | 14          | 13                 | 1 303                           | 78                 | 740         | 273                | 72                           | 50                 |
| Benton     | —           | —                  | 459                             | 29                 | 246         | 39                 | 28                           | 4                  |
| Bledsoe    | 4           | 4                  | 460                             | 39                 | 228         | 97                 | 25                           | 5                  |
| Blount     | 10          | (Z)                | 1 054                           | 54                 | 539         | 154                | 58                           | 12                 |
| Bradley    | 6           | 14                 | 656                             | 44                 | 400         | 207                | 19                           | 5                  |
| Campbell   | —           | —                  | 452                             | 18                 | 148         | 34                 | 84                           | 12                 |
| Cannon     | 1           | (D)                | 741                             | 37                 | 377         | 103                | 16                           | (D)                |
| Carroll    | 6           | (Z)                | 1 225                           | 79                 | 563         | 169                | 57                           | 9                  |
| Carters    | —           | —                  | 874                             | 30                 | 318         | 54                 | 17                           | 29                 |
| Cheatham   | 2           | (D)                | 611                             | 38                 | 258         | 47                 | 183                          | (D)                |
| Chester    | —           | —                  | 524                             | 33                 | 181         | 45                 | 18                           | 2                  |
| Claiborne  | —           | —                  | 1 636                           | 84                 | 638         | 127                | 158                          | (Z)                |
| Clay       | —           | —                  | 629                             | 31                 | 212         | 41                 | 47                           | 25                 |
| Cocke      | 14          | 5                  | 1 177                           | 59                 | 452         | 112                | 79                           | 21                 |
| Coffee     | 18          | 3                  | 936                             | 53                 | 550         | 164                | 58                           | 17                 |
| Crockett   | 7           | 2                  | 635                             | 136                | 345         | 98                 | 26                           | 10                 |
| Cumberland | 3           | 7                  | 600                             | 51                 | 264         | 99                 | 71                           | 28                 |
| Davidson   | 3           | 32                 | 659                             | 38                 | 226         | 87                 | 43                           | 11                 |
| Decatur    | —           | —                  | 511                             | 32                 | 239         | 40                 | 41                           | 9                  |
| De Kalb    | 10          | 4                  | 951                             | 45                 | 371         | 70                 | 28                           | 5                  |
| Dickson    | 6           | 1                  | 1 074                           | 71                 | 493         | 104                | 121                          | 24                 |
| Dyer       | 5           | 1                  | 836                             | 179                | 470         | 175                | 8                            | 6                  |
| Fayette    | 4           | 1                  | 832                             | 147                | 434         | 248                | 16                           | 5                  |
| Fentress   | 3           | 5                  | 494                             | 35                 | 271         | 87                 | 72                           | 28                 |

Table 13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978—Con.

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

All Farms  
Part 3 of 3

|                        | Natural gas |                    | Kerosene, motor oil, and grease |                    | Electricity |                    | Other—coal, wood, coke, etc. |                    |
|------------------------|-------------|--------------------|---------------------------------|--------------------|-------------|--------------------|------------------------------|--------------------|
|                        | Farms       | Expenses (\$1,000) | Farms                           | Expenses (\$1,000) | Farms       | Expenses (\$1,000) | Farms                        | Expenses (\$1,000) |
| Franklin               | 8           | 2                  | 1 092                           | 78                 | 632         | 234                | 48                           | 21                 |
| Gibson                 | 56          | 18                 | 1 511                           | 179                | 867         | 284                | 61                           | 14                 |
| Giles                  | 4           | 1                  | 1 538                           | 91                 | 862         | 267                | 66                           | 17                 |
| Grainger               | —           | —                  | 1 285                           | 59                 | 470         | 80                 | 155                          | 48                 |
| Greene                 | 10          | 1                  | 3 448                           | 204                | 1 875       | 439                | 200                          | 53                 |
| Grundy                 | 1           | (D)                | 370                             | 23                 | 198         | 75                 | 84                           | (D)                |
| Hamblen                | 17          | 6                  | 870                             | 50                 | 347         | 64                 | 56                           | 9                  |
| Hamilton               | 7           | 77                 | 539                             | 23                 | 246         | 100                | 47                           | 7                  |
| Hancock                | —           | —                  | 828                             | 29                 | 220         | 34                 | 102                          | 21                 |
| Hardeman               | 2           | (D)                | 674                             | 75                 | 312         | 87                 | 21                           | (D)                |
| Hardin                 | 1           | (D)                | 700                             | 52                 | 383         | 93                 | 20                           | (D)                |
| Hawkins                | 18          | 6                  | 2 030                           | 85                 | 728         | 127                | 204                          | 48                 |
| Haywood                | 13          | 8                  | 676                             | 148                | 289         | 155                | 12                           | 4                  |
| Henderson              | 4           | (Z)                | 1 029                           | 70                 | 451         | 105                | 46                           | 8                  |
| Henry                  | 6           | 2                  | 1 073                           | 91                 | 583         | 188                | 86                           | 17                 |
| Hickman                | 2           | (D)                | 662                             | 44                 | 262         | 91                 | 50                           | (D)                |
| Houston                | 1           | (D)                | 248                             | 18                 | 107         | 22                 | 26                           | (D)                |
| Humphreys              | 6           | (Z)                | 577                             | 26                 | 261         | 52                 | 25                           | 6                  |
| Jackson                | 6           | 1                  | 818                             | 47                 | 250         | 41                 | 60                           | 10                 |
| Jefferson              | 1           | (D)                | 1 315                           | 77                 | 664         | 189                | 74                           | (D)                |
| Johnson                | 10          | (Z)                | 933                             | 35                 | 374         | 56                 | 56                           | 12                 |
| Knox                   | 1           | (D)                | 1 245                           | 66                 | 533         | 159                | 84                           | (D)                |
| Lake                   | 5           | 6                  | 133                             | 55                 | 74          | 89                 | 8                            | 3                  |
| Lauderdale             | 10          | 3                  | 728                             | 115                | 355         | 154                | 16                           | 2                  |
| Lawrence               | 16          | 2                  | 1 486                           | 83                 | 653         | 208                | 137                          | 26                 |
| Lewis                  | 1           | (D)                | 225                             | 11                 | 116         | 23                 | 6                            | (D)                |
| Lincoln                | 15          | 5                  | 1 721                           | 115                | 984         | 278                | 42                           | 5                  |
| Loudon                 | 2           | (D)                | 696                             | 38                 | 292         | 393                | 7                            | (D)                |
| McMinn                 | 5           | 7                  | 1 030                           | 59                 | 447         | 262                | 27                           | 5                  |
| McNairy                | 1           | (D)                | 909                             | 58                 | 366         | 102                | 14                           | (D)                |
| Macon                  | 2           | (D)                | 1 285                           | 83                 | 416         | 74                 | 55                           | 10                 |
| Madison                | 10          | 10                 | 840                             | 127                | 348         | 132                | 26                           | 5                  |
| Marion                 | 7           | 4                  | 320                             | 20                 | 129         | 44                 | 18                           | 3                  |
| Marshall               | 2           | (D)                | 1 036                           | 56                 | 555         | 171                | 37                           | (D)                |
| Mauzy                  | —           | —                  | 1 698                           | 90                 | 794         | 227                | 77                           | 11                 |
| Meigs                  | 6           | 6                  | 316                             | 26                 | 119         | 51                 | 10                           | 3                  |
| Monroe                 | 3           | 7                  | 929                             | 50                 | 453         | 192                | 48                           | 8                  |
| Montgomery             | 10          | 2                  | 1 225                           | 100                | 458         | 104                | 182                          | 24                 |
| Moore                  | —           | —                  | 414                             | 25                 | 189         | 55                 | 8                            | 2                  |
| Morgan                 | —           | —                  | 269                             | 14                 | 152         | 45                 | 28                           | 13                 |
| Obion                  | 13          | 4                  | 961                             | 141                | 510         | 253                | 11                           | 7                  |
| Overton                | —           | —                  | 908                             | 42                 | 411         | 106                | 84                           | 12                 |
| Perry                  | —           | —                  | 280                             | 18                 | 91          | 19                 | 3                            | (Z)                |
| Pickett                | —           | —                  | 410                             | 18                 | 185         | 36                 | 15                           | 3                  |
| Polk                   | 4           | 6                  | 219                             | 18                 | 149         | 67                 | 7                            | 2                  |
| Putnam                 | —           | —                  | 1 147                           | 48                 | 381         | 82                 | 77                           | 14                 |
| Rhea                   | 7           | 6                  | 326                             | 17                 | 138         | 48                 | 29                           | 3                  |
| Roane                  | 10          | 20                 | 499                             | 32                 | 181         | 55                 | 49                           | 8                  |
| Robertson              | 7           | 1                  | 1 759                           | 183                | 879         | 368                | 523                          | 111                |
| Rutherford             | —           | —                  | 1 571                           | 78                 | 870         | 255                | 42                           | 8                  |
| Scott                  | 1           | (D)                | 220                             | 11                 | 88          | 30                 | 23                           | (D)                |
| Sequatchie             | 8           | 14                 | 166                             | 10                 | 85          | 25                 | 3                            | (Z)                |
| Sevier                 | —           | —                  | 1 129                           | 54                 | 501         | 108                | 107                          | 18                 |
| Shelby                 | 26          | 58                 | 752                             | 100                | 300         | 132                | 28                           | 8                  |
| Smith                  | 1           | (D)                | 1 235                           | 65                 | 544         | 101                | 68                           | (D)                |
| Stewart                | —           | —                  | 457                             | 45                 | 174         | 27                 | 51                           | 7                  |
| Sullivan               | 6           | 3                  | 1 578                           | 58                 | 656         | 121                | 112                          | 50                 |
| Sumner                 | 13          | 4                  | 2 035                           | 106                | 935         | 201                | 161                          | 26                 |
| Tipton                 | 11          | 9                  | 795                             | 144                | 386         | 164                | 15                           | 3                  |
| Trousdale              | 4           | (Z)                | 462                             | 23                 | 245         | 29                 | —                            | —                  |
| Unicoi                 | —           | —                  | 348                             | 13                 | 114         | 12                 | 10                           | 2                  |
| Union                  | 1           | (D)                | 647                             | 34                 | 261         | 48                 | 84                           | (D)                |
| Van Buren              | —           | —                  | 209                             | 11                 | 114         | 28                 | 21                           | 3                  |
| Warren                 | 10          | 3                  | 1 276                           | 109                | 671         | 293                | 81                           | 13                 |
| Washington             | 1           | (D)                | 1 973                           | 129                | 1 007       | 244                | 164                          | (D)                |
| Wayne                  | —           | —                  | 671                             | 31                 | 268         | 50                 | 16                           | 1                  |
| Weakley                | 7           | 4                  | 1 289                           | 140                | 661         | 283                | 61                           | 13                 |
| White                  | 3           | 1                  | 1 073                           | 62                 | 554         | 181                | 79                           | 14                 |
| Williamson             | 17          | 4                  | 1 461                           | 101                | 616         | 255                | 60                           | 15                 |
| Wilson                 | 14          | 3                  | 1 759                           | 88                 | 802         | 189                | 88                           | 15                 |
| Farms not on mail list | 106         | 27                 | 10 073                          | 292                | 2 195       | 226                | 215                          | 23                 |