

**Table 9. Machinery and Equipment on Place: 1997 and 1992**

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

| All farms   | Massachusetts | Barnstable | Berkshire | Bristol | Dukes  | Essex  | Franklin |
|---|---------------|------------|-----------|---------|--------|--------|----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>   |               |            |           |         |        |        |          |
| Estimated market value of all machinery and equipment . . . . . farms, 1997 . . . . . | 5 571         | 221        | 388       | 555     | 64     | 395    | 543      |
| 1992 . . . . .  | 5 257         | 146        | 319       | 521     | 56     | 358    | 519      |
| \$1,000, 1997 . . . . .   | 225 043       | 7 114      | 13 543    | 17 172  | 1 434  | 21 451 | 21 411   |
| 1992 . . . . .  | 191 141       | 4 716      | 12 472    | 16 461  | 1 170  | 13 721 | 20 052   |
| Average per farm . . . . . dollars, 1997 . . . . .                                    | 40 395        | 32 189     | 34 905    | 30 941  | 22 404 | 54 306 | 39 432   |
| 1992 . . . . .  | 36 359        | 32 301     | 39 098    | 31 595  | 20 897 | 38 328 | 38 635   |
| Farms by value group:   |               |            |           |         |        |        |          |
| \$1 to \$9,999 . . . . . 1997 . . . . .   | 1 508         | 81         | 100       | 118     | 18     | 104    | 141      |
| 1992 . . . . .  | 1 555         | 37         | 74        | 128     | 12     | 119    | 123      |
| \$10,000 to \$19,999 . . . . . 1997 . . . . .   | 1 266         | 26         | 137       | 127     | 24     | 36     | 118      |
| 1992 . . . . .  | 1 246         | 46         | 90        | 107     | 19     | 68     | 156      |
| \$20,000 to \$29,999 . . . . . 1997 . . . . .   | 670           | 31         | 35        | 110     | 8      | 39     | 56       |
| 1992 . . . . .  | 712           | 19         | 23        | 114     | 11     | 36     | 59       |
| \$30,000 to \$49,999 . . . . . 1997 . . . . .   | 820           | 47         | 30        | 113     | 7      | 77     | 107      |
| 1992 . . . . .  | 739           | 16         | 53        | 119     | 10     | 52     | 70       |
| \$50,000 to \$69,999 . . . . . 1997 . . . . .   | 376           | 12         | 18        | 29      | 3      | 21     | 35       |
| 1992 . . . . .  | 330           | 13         | 16        | 13      | 3      | 18     | 40       |
| \$70,000 to \$99,999 . . . . . 1997 . . . . .   | 332           | 6          | 37        | 28      | —      | 22     | 48       |
| 1992 . . . . .  | 218           | 5          | 24        | 10      | 1      | 28     | 10       |
| \$100,000 to \$199,999 . . . . . 1997 . . . . .                                       | 442           | 12         | 26        | 22      | 4      | 79     | 23       |
| 1992 . . . . .  | 330           | 7          | 33        | 18      | —      | 24     | 48       |
| \$200,000 to \$499,999 . . . . . 1997 . . . . .                                       | 135           | 6          | 3         | 7       | —      | 16     | 10       |
| 1992 . . . . .  | 105           | 3          | 5         | 9       | —      | 13     | 9        |
| \$500,000 or more . . . . . 1997 . . . . .  | 22            | —          | 2         | 1       | —      | 1      | 5        |
| 1992 . . . . .  | 22            | —          | 1         | 3       | —      | —      | 4        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>   |               |            |           |         |        |        |          |
| Motortrucks, including pickups . . . . . farms, 1997 . . . . .                        | 4 836         | 208        | 292       | 473     | 59     | 334    | 493      |
| 1992 . . . . .  | 4 557         | 119        | 298       | 465     | 44     | 336    | 485      |
| number, 1997 . . . . .  | 10 539        | 381        | 519       | 948     | 114    | 773    | 1 061    |
| 1992 . . . . .  | 10 002        | 225        | 558       | 1 018   | 79     | 592    | 1 226    |
| Wheel tractors . . . . . farms, 1997 . . . . .  | 4 655         | 143        | 367       | 475     | 41     | 319    | 492      |
| 1992 . . . . .  | 4 512         | 112        | 316       | 446     | 50     | 288    | 479      |
| number, 1997 . . . . .  | 10 334        | 197        | 863       | 1 093   | 78     | 731    | 1 069    |
| 1992 . . . . .  | 10 923        | 185        | 742       | 1 193   | 92     | 708    | 1 299    |
| Less than 40 horsepower (PTO) . . . . . farms, 1997 . . . . .                         | 3 441         | 127        | 275       | 325     | 27     | 247    | 372      |
| 1992 . . . . .  | 3 450         | 90         | 248       | 341     | 39     | 212    | 388      |
| number, 1997 . . . . .  | 5 650         | 146        | 434       | 587     | (D)    | 410    | 566      |
| 1992 . . . . .  | 5 886         | 117        | 403       | 668     | 57     | 368    | 625      |
| 40 horsepower (PTO) or more . . . . . farms, 1997 . . . . .                           | 2 613         | 39         | 204       | 312     | 28     | 161    | 262      |
| 1992 . . . . .  | 2 665         | 48         | 182       | 282     | 21     | 183    | 318      |
| number, 1997 . . . . .  | 4 684         | 51         | 429       | 506     | (D)    | 321    | 503      |
| 1992 . . . . .  | 5 037         | 68         | 339       | 525     | 35     | 340    | 674      |
| 40 to 99 horsepower (PTO) . . . . . farms, 1997 . . . . .                             | 2 462         | 39         | 203       | 289     | 25     | 156    | 261      |
| 1992 . . . . .  | 4 025         | (D)        | 362       | 423     | (D)    | 300    | (D)      |
| number, 1997 . . . . .  | 436           | 1          | 43        | 65      | 5      | 16     | 50       |
| 1992 . . . . .  | 659           | (D)        | 67        | 83      | (D)    | 21     | (D)      |
| Grain and bean combines . . . . . farms, 1997 . . . . .                               | 50            | 1          | 13        | 11      | 1      | 1      | 6        |
| 1992 . . . . .  | 65            | —          | 13        | 8       | 1      | 3      | 3        |
| number, 1997 . . . . .  | 54            | (D)        | 14        | 11      | (D)    | (D)    | 8        |
| 1992 . . . . .  | (D)           | —          | 13        | 15      | (D)    | 3      | 3        |
| Cotton pickers and strippers . . . . . farms, 1997 . . . . .                          | —             | —          | —         | —       | —      | —      | —        |
| 1992 . . . . .  | —             | —          | —         | —       | —      | —      | —        |
| number, 1997 . . . . .  | —             | —          | —         | —       | —      | —      | —        |
| 1992 . . . . .  | —             | —          | —         | —       | —      | —      | —        |
| Mower conditioners . . . . . farms, 1997 . . . . .                                    | 1 433         | 8          | 181       | 108     | 12     | 119    | 192      |
| 1992 . . . . .  | 1 573         | 26         | 131       | 124     | 18     | 45     | 226      |
| number, 1997 . . . . .  | 1 590         | 8          | 215       | 121     | 14     | 126    | 210      |
| 1992 . . . . .  | 1 816         | 36         | 148       | 129     | 21     | 55     | 253      |
| Pickup balers . . . . . farms, 1997 . . . . .   | 1 389         | 1          | 187       | 103     | 12     | 85     | 229      |
| 1992 . . . . .  | 1 633         | 6          | 161       | 127     | 17     | 60     | 255      |
| number, 1997 . . . . .  | 1 651         | (D)        | 213       | 138     | (D)    | 123    | 259      |
| 1992 . . . . .  | 1 965         | 6          | 226       | 147     | 19     | 74     | 330      |
| <b>1997 INVENTORY</b>   |               |            |           |         |        |        |          |
| Manufactured 1993 to 1997:  |               |            |           |         |        |        |          |
| Motortrucks, including pickups . . . . . farms . . . . .                              | 1 419         | 62         | 74        | 118     | 14     | 129    | 123      |
| number . . . . .  | 1 982         | 107        | 74        | 142     | 14     | 169    | 157      |
| Wheel tractors . . . . . farms . . . . .  | 661           | 30         | 45        | 87      | 9      | 35     | 72       |
| number . . . . .  | 869           | 36         | 46        | 125     | 12     | 47     | 75       |
| Less than 40 horsepower (PTO) . . . . . farms . . . . .                               | 362           | 27         | 16        | 48      | 5      | 16     | 31       |
| number . . . . .  | 454           | (D)        | 16        | 78      | (D)    | 17     | 31       |
| 40 horsepower (PTO) or more . . . . . farms . . . . .                                 | 339           | 6          | 30        | 40      | 7      | 21     | 41       |
| number . . . . .  | 415           | (D)        | 30        | 47      | (D)    | 30     | 44       |
| 40 to 99 horsepower (PTO) . . . . . farms . . . . .                                   | 319           | 6          | 27        | 40      | 6      | 21     | 40       |
| number . . . . .  | 381           | (D)        | 27        | 47      | (D)    | 30     | (D)      |
| 100 horsepower (PTO) or more . . . . . farms . . . . .                                | 26            | —          | 3         | —       | 1      | —      | 2        |
| number . . . . .  | 34            | —          | 3         | —       | (D)    | —      | (D)      |
| Grain and bean combines . . . . . farms . . . . .                                     | 2             | 1          | —         | —       | —      | —      | 1        |
| number . . . . .  | (D)           | (D)        | —         | —       | —      | —      | (D)      |
| Cotton pickers and strippers . . . . . farms . . . . .                                | —             | —          | —         | —       | —      | —      | —        |
| number . . . . .  | —             | —          | —         | —       | —      | —      | —        |
| Mower conditioners . . . . . farms . . . . .  | 272           | 4          | 28        | 23      | 3      | 11     | 42       |
| number . . . . .  | 276           | 4          | 28        | 23      | 5      | 12     | 42       |
| Pickup balers . . . . . farms . . . . .   | 155           | —          | 25        | 24      | 1      | 12     | 16       |
| number . . . . .  | 175           | —          | 36        | 24      | (D)    | 12     | 16       |
| Manufactured prior to 1993:   |               |            |           |         |        |        |          |
| Motortrucks, including pickups . . . . . farms . . . . .                              | 4 223         | 163        | 257       | 424     | 55     | 317    | 440      |
| number . . . . .  | 8 557         | 274        | 445       | 806     | 100    | 604    | 904      |
| Wheel tractors . . . . . farms . . . . .  | 4 367         | 117        | 350       | 417     | 37     | 308    | 444      |
| number . . . . .  | 9 465         | 161        | 817       | 968     | 66     | 684    | 994      |
| Less than 40 horsepower (PTO) . . . . . farms . . . . .                               | 3 188         | 101        | 260       | 287     | 24     | 236    | 343      |
| number . . . . .  | 5 196         | (D)        | 418       | 509     | (D)    | 393    | 535      |
| 40 horsepower (PTO) or more . . . . . farms . . . . .                                 | 2 440         | 34         | 192       | 283     | 24     | 158    | 233      |
| number . . . . .  | 4 269         | (D)        | 399       | 459     | (D)    | 291    | 459      |
| Grain and bean combines . . . . . farms . . . . .                                     | 48            | —          | 13        | 11      | 1      | 1      | 5        |
| number . . . . .  | (D)           | —          | 14        | 11      | (D)    | (D)    | (D)      |
| Cotton pickers and strippers . . . . . farms . . . . .                                | —             | —          | —         | —       | —      | —      | —        |
| number . . . . .  | —             | —          | —         | —       | —      | —      | —        |
| Mower conditioners . . . . . farms . . . . .  | 1 198         | 4          | 162       | 85      | 9      | 108    | 156      |
| number . . . . .  | 1 314         | 4          | 187       | 98      | 9      | 114    | 168      |
| Pickup balers . . . . . farms . . . . .   | 1 278         | 1          | 172       | 79      | 12     | 74     | 217      |
| number . . . . .  | 1 476         | (D)        | 177       | 114     | (D)    | 111    | 243      |

**Table 9. Machinery and Equipment on Place: 1997 and 1992**

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

| All farms  | Hampden | Hampshire | Middlesex | Nantucket | Norfolk | Plymouth | Suffolk | Worcester |
|--|---------|-----------|-----------|-----------|---------|----------|---------|-----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>  |         |           |           |           |         |          |         |           |
| Estimated market value of all machinery and equipment . . . . . farms, 1997 .. | 418     | 539       | 531       | 14        | 184     | 731      | 5       | 983       |
| 1992 ..  | 409     | 526       | 535       | 14        | 187     | 668      | 2       | 997       |
| \$1,000, 1997 ..   | 11 931  | 19 423    | 21 738    | 931       | 6 451   | 44 258   | 93      | 38 092    |
| 1992 ..  | 11 056  | 17 273    | 16 976    | (D)       | 4 737   | 40 411   | (D)     | 31 292    |
| Average per farm . . . . . dollars, 1997 ..                                    | 28 543  | 36 035    | 40 939    | 66 500    | 35 060  | 60 545   | 18 550  | 38 750    |
| 1992 ..  | 27 033  | 32 839    | 31 731    | (D)       | 25 329  | 60 495   | (D)     | 31 386    |
| Farms by value group:  |         |           |           |           |         |          |         |           |
| \$1 to \$9,999 . . . . . 1997 ..   | 157     | 186       | 143       | 1         | 48      | 175      | 2       | 234       |
| 1992 ..  | 167     | 159       | 161       | 5         | 67      | 175      | 1       | 327       |
| \$10,000 to \$19,999 . . . . . 1997 ..   | 87      | 62        | 147       | 5         | 53      | 192      | 2       | 250       |
| 1992 ..  | 123     | 103       | 126       | 3         | 42      | 132      | —       | 231       |
| \$20,000 to \$29,999 . . . . . 1997 ..   | 53      | 93        | 51        | —         | 6       | 67       | —       | 121       |
| 1992 ..  | 32      | 62        | 69        | 1         | 39      | 95       | 1       | 151       |
| \$30,000 to \$49,999 . . . . . 1997 ..   | 46      | 85        | 59        | 4         | 20      | 97       | —       | 128       |
| 1992 ..  | 14      | 112       | 104       | 3         | 17      | 81       | —       | 88        |
| \$50,000 to \$69,999 . . . . . 1997 ..   | 38      | 40        | 29        | —         | 33      | 20       | 1       | 97        |
| 1992 ..  | 14      | 37        | 30        | —         | 10      | 73       | —       | 63        |
| \$70,000 to \$99,999 . . . . . 1997 ..   | 12      | 25        | 32        | 1         | 10      | 54       | —       | 57        |
| 1992 ..  | 37      | 21        | 10        | —         | 3       | 20       | —       | 49        |
| \$100,000 to \$199,999 . . . . . 1997 ..                                       | 17      | 34        | 51        | 2         | 12      | 88       | —       | 72        |
| 1992 ..  | 13      | 22        | 24        | —         | 7       | 58       | —       | 76        |
| \$200,000 to \$499,999 . . . . . 1997 ..                                       | 8       | 12        | 17        | 1         | 2       | 31       | —       | 22        |
| 1992 ..  | 9       | 9         | 7         | 2         | 2       | 25       | —       | 12        |
| \$500,000 or more . . . . . 1997 ..  | —       | 2         | 2         | —         | —       | 7        | —       | 2         |
| 1992 ..  | —       | 1         | 4         | —         | —       | 9        | —       | —         |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>  |         |           |           |           |         |          |         |           |
| Motortrucks, including pickups . . . . . farms, 1997 ..                        | 318     | 487       | 462       | 14        | 157     | 706      | 3       | 830       |
| 1992 ..  | 351     | 463       | 449       | 11        | 152     | 571      | 1       | 812       |
| number, 1997 ..  | 748     | 1 069     | 1 074     | 53        | 331     | 1 737    | 5       | 1 726     |
| 1992 ..  | 742     | 975       | 1 121     | (D)       | 328     | 1 545    | (D)     | 1 549     |
| Wheel tractors . . . . . farms, 1997 ..  | 366     | 483       | 396       | 9         | 152     | 502      | 2       | 908       |
| 1992 ..  | 373     | 487       | 433       | 8         | 167     | 491      | 1       | 861       |
| number, 1997 ..  | 839     | 1 134     | 986       | (D)       | 326     | 1 012    | (D)     | 1 975     |
| 1992 ..  | 950     | 1 256     | 1 111     | (D)       | 343     | 1 046    | (D)     | 1 972     |
| Less than 40 horsepower (PTO) . . . . . farms, 1997 ..                         | 295     | 331       | 328       | 7         | 123     | 320      | 2       | 662       |
| 1992 ..  | 278     | 377       | 275       | 4         | 138     | 411      | 1       | 648       |
| number, 1997 ..  | 553     | 541       | 563       | (D)       | 222     | 547      | (D)     | 1 027     |
| 1992 ..  | 512     | 629       | 589       | (D)       | 231     | 669      | (D)     | 1 005     |
| 40 horsepower (PTO) or more . . . . . farms, 1997 ..                           | 158     | 313       | 219       | 7         | 74      | 276      | —       | 560       |
| 1992 ..  | 226     | 294       | 316       | 8         | 59      | 223      | —       | 505       |
| number, 1997 ..  | 286     | 593       | 423       | (D)       | 104     | 465      | —       | 948       |
| 1992 ..  | 438     | 627       | 522       | 13        | 112     | 377      | —       | 967       |
| 40 to 99 horsepower (PTO) . . . . . farms, 1997 ..                             | 154     | 283       | 210       | 7         | 69      | 226      | —       | 540       |
| number, 1997 ..  | 247     | 469       | (D)       | (D)       | 98      | (D)      | —       | (D)       |
| 100 horsepower (PTO) or more . . . . . farms, 1997 ..                          | 26      | 66        | 26        | —         | 6       | 64       | —       | 68        |
| number, 1997 ..  | 39      | 124       | (D)       | —         | 6       | (D)      | —       | (D)       |
| Grain and bean combines . . . . . farms, 1997 ..                               | 1       | 12        | 2         | 1         | 1       | —        | —       | —         |
| 1992 ..  | 8       | 15        | 1         | —         | —       | 3        | —       | 10        |
| number, 1997 ..  | (D)     | 12        | (D)       | (D)       | (D)     | —        | —       | —         |
| 1992 ..  | 8       | 27        | (D)       | —         | —       | 5        | —       | 10        |
| Cotton pickers and strippers . . . . . farms, 1997 ..                          | —       | —         | —         | —         | —       | —        | —       | —         |
| 1992 ..  | —       | —         | —         | —         | —       | —        | —       | —         |
| number, 1997 ..  | —       | —         | —         | —         | —       | —        | —       | —         |
| 1992 ..  | —       | —         | —         | —         | —       | —        | —       | —         |
| Mower conditioners . . . . . farms, 1997 ..                                    | 99      | 123       | 129       | 4         | 57      | 63       | —       | 338       |
| 1992 ..  | 118     | 191       | 160       | 7         | 41      | 88       | —       | 398       |
| number, 1997 ..  | 114     | 126       | 131       | 4         | 64      | 69       | —       | 388       |
| 1992 ..  | 141     | 198       | 202       | 13        | 42      | 107      | —       | 471       |
| Pickup balers . . . . . farms, 1997 ..   | 96      | 135       | 73        | 3         | 64      | 70       | —       | 331       |
| 1992 ..  | 123     | 161       | 160       | 1         | 62      | 84       | —       | 416       |
| number, 1997 ..  | 103     | 143       | 105       | 3         | 79      | 73       | —       | 397       |
| 1992 ..  | 137     | 177       | 210       | (D)       | (D)     | 98       | —       | 469       |
| <b>1997 INVENTORY</b>  |         |           |           |           |         |          |         |           |
| Manufactured 1993 to 1997:   |         |           |           |           |         |          |         |           |
| Motortrucks, including pickups . . . . . farms..                               | 66      | 108       | 197       | 4         | 59      | 247      | 2       | 216       |
| number..   | 77      | 148       | 287       | (D)       | 71      | 471      | (D)     | 256       |
| Wheel tractors . . . . . farms..   | 43      | 55        | 78        | 4         | 13      | 76       | —       | 114       |
| number..   | 54      | 61        | 126       | 6         | 22      | 117      | —       | 142       |
| Less than 40 horsepower (PTO) . . . . . farms..                                | 25      | 20        | 44        | 2         | 5       | 54       | —       | 69        |
| number..   | 33      | 20        | 63        | (D)       | 12      | 64       | —       | 83        |
| 40 horsepower (PTO) or more . . . . . farms..                                  | 19      | 35        | 45        | 3         | 9       | 33       | —       | 50        |
| number..   | 21      | 41        | 63        | (D)       | 10      | 53       | —       | 59        |
| 40 to 99 horsepower (PTO) . . . . . farms..                                    | 19      | 23        | 45        | 3         | 9       | 31       | —       | 49        |
| number..   | 21      | 24        | (D)       | (D)       | 10      | (D)      | —       | (D)       |
| 100 horsepower (PTO) or more . . . . . farms..                                 | —       | 16        | 1         | —         | —       | 2        | —       | 1         |
| number..   | —       | 17        | (D)       | —         | —       | (D)      | —       | (D)       |
| Grain and bean combines . . . . . farms..                                      | —       | —         | —         | —         | —       | —        | —       | —         |
| number..   | —       | —         | —         | —         | —       | —        | —       | —         |
| Cotton pickers and strippers . . . . . farms..                                 | —       | —         | —         | —         | —       | —        | —       | —         |
| number..   | —       | —         | —         | —         | —       | —        | —       | —         |
| Mower conditioners . . . . . farms..   | 3       | 18        | 45        | 2         | 10      | 23       | —       | 60        |
| number..   | (D)     | 18        | 45        | (D)       | 10      | 24       | —       | 60        |
| Pickup balers . . . . . farms..  | 12      | 4         | 9         | —         | —       | 19       | —       | 33        |
| number..   | 13      | (D)       | 16        | —         | —       | 19       | —       | 34        |
| Manufactured prior to 1993:  |         |           |           |           |         |          |         |           |
| Motortrucks, including pickups . . . . . farms..                               | 295     | 423       | 372       | 12        | 130     | 578      | 2       | 755       |
| number..   | 671     | 921       | 787       | (D)       | 260     | 1 266    | (D)     | 1 470     |
| Wheel tractors . . . . . farms..   | 354     | 463       | 370       | 9         | 149     | 468      | 2       | 879       |
| number..   | 785     | 1 073     | 860       | (D)       | 304     | 895      | (D)     | 1 833     |
| Less than 40 horsepower (PTO) . . . . . farms..                                | 285     | 315       | 305       | 7         | 118     | 286      | 2       | 619       |
| number..   | 520     | 521       | 500       | (D)       | 210     | 483      | (D)     | 944       |
| 40 horsepower (PTO) or more . . . . . farms..                                  | 146     | 296       | 201       | 7         | 72      | 267      | —       | 527       |
| number..   | 265     | 552       | 360       | (D)       | 94      | 412      | —       | 889       |
| Grain and bean combines . . . . . farms..                                      | 1       | 12        | 2         | 1         | 1       | —        | —       | —         |
| number..   | (D)     | 12        | (D)       | (D)       | (D)     | —        | —       | —         |
| Cotton pickers and strippers . . . . . farms..                                 | —       | —         | —         | —         | —       | —        | —       | —         |
| number..   | —       | —         | —         | —         | —       | —        | —       | —         |
| Mower conditioners . . . . . farms..   | 96      | 105       | 84        | 2         | 47      | 40       | —       | 300       |
| number..   | (D)     | 108       | 86        | (D)       | 54      | 45       | —       | 328       |
| Pickup balers . . . . . farms..  | 85      | 132       | 70        | 3         | 64      | 52       | —       | 317       |
| number..   | 90      | (D)       | 89        | 3         | 79      | 54       | —       | 363       |