

**Table 10. Irrigation: 2007 and 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Massachusetts | Barnstable | Berkshire | Bristol | Dukes | Essex | Franklin |
|--|---------------|------------|-----------|---------|-------|-------|----------|
| Farms .....number, 2007                                      | 1,630         | 123        | 63        | 170     | 21    | 125   | 90       |
| .....2002  | 1,580         | 121        | 59        | 178     | 29    | 104   | 90       |
| Land in irrigated farms .....acres, 2007                     | 111,632       | 2,880      | 5,985     | 11,752  | (D)   | 8,028 | 9,389    |
| .....2002  | 118,992       | 4,124      | 3,569     | 12,471  | 528   | 6,575 | 8,412    |
| Harvested cropland .....farms, 2007                          | 1,566         | 116        | 62        | 164     | 17    | 104   | 90       |
| .....2002  | 1,560         | 121        | 59        | 174     | 26    | 103   | 90       |
| .....acres, 2007   | 41,494        | 1,338      | 1,162     | 3,421   | (D)   | 3,627 | 4,055    |
| .....2002  | 43,445        | 2,021      | 1,285     | 4,162   | 148   | 2,777 | 3,959    |
| Other cropland, excluding cropland pastured .....farms, 2007 | 358           | 13         | 18        | 35      | 5     | 35    | 35       |
| .....2002  | 408           | 28         | 18        | 39      | 9     | 31    | 31       |
| .....acres, 2007   | 4,928         | 47         | 157       | 385     | (D)   | 414   | 539      |
| .....2002  | 5,999         | 269        | 173       | 415     | (D)   | 350   | 467      |
| Pastureland, excluding woodland pastured .....farms, 2007    | 390           | 21         | 27        | 46      | 9     | 53    | 30       |
| .....2002  | 319           | 16         | 20        | 38      | 9     | 18    | 29       |
| .....acres, 2007   | 5,548         | 100        | 743       | 588     | 152   | 625   | 490      |
| .....2002  | 4,816         | 103        | 567       | 628     | (D)   | 340   | 288      |
| Irrigated land .....acres, 2007                              | 23,133        | 1,263      | 152       | 1,872   | 120   | 885   | 1,743    |
| .....2002  | 23,720        | 1,935      | 172       | 2,013   | 120   | 585   | 2,117    |
| Harvested cropland .....farms, 2007                          | 1,543         | 112        | 62        | 162     | 17    | 101   | 87       |
| .....2002  | 1,548         | 121        | 59        | 173     | 26    | 100   | 90       |
| .....acres, 2007   | 22,662        | 1,250      | (D)       | 1,831   | 84    | 817   | 1,623    |
| .....2002  | 23,509        | (D)        | (D)       | 1,994   | 107   | 560   | 2,117    |
| Pastureland and other land .....farms, 2007                  | 112           | 11         | 1         | 10      | 4     | 24    | 5        |
| .....2002  | 48            | 2          | 1         | 6       | 4     | 4     | -        |
| .....acres, 2007   | 471           | 13         | (D)       | 41      | 36    | 68    | 120      |
| .....2002  | 211           | (D)        | (D)       | 19      | 13    | 25    | -        |
| 2007 irrigated acres by size of farm:                        |               |            |           |         |       |       |          |
| 1 to 9 acres .....farms                                      | 506           | 58         | 20        | 42      | 11    | 41    | 23       |
| .....acres irrigated   | 934           | 140        | (D)       | 57      | (D)   | 75    | 27       |
| 10 to 49 acres .....farms                                    | 611           | 48         | 24        | 65      | 8     | 51    | 23       |
| .....acres irrigated   | 3,417         | 310        | 44        | 245     | 38    | 130   | 92       |
| 50 to 69 acres .....farms                                    | 127           | 9          | 5         | 15      | -     | 7     | 7        |
| .....acres irrigated   | 1,548         | 200        | 26        | 163     | -     | 102   | 10       |
| 70 to 99 acres .....farms                                    | 92            | 4          | -         | 13      | -     | 5     | 3        |
| .....acres irrigated   | 1,585         | 306        | -         | 180     | -     | 58    | (D)      |
| 100 to 139 acres .....farms                                  | 90            | 1          | 6         | 7       | 1     | 3     | 11       |
| .....acres irrigated   | 1,901         | (D)        | 8         | 84      | (D)   | (D)   | 45       |
| 140 to 179 acres .....farms                                  | 47            | -          | 2         | 7       | -     | 3     | 5        |
| .....acres irrigated   | 1,102         | -          | (D)       | 120     | -     | 39    | (D)      |
| 180 to 219 acres .....farms                                  | 45            | 1          | -         | 5       | 1     | 4     | 4        |
| .....acres irrigated   | 1,876         | (D)        | -         | 270     | (D)   | (D)   | 116      |
| 220 to 259 acres .....farms                                  | 32            | 1          | 1         | 7       | -     | 2     | 6        |
| .....acres irrigated   | (D)           | (D)        | (D)       | 151     | -     | (D)   | (D)      |
| 260 to 499 acres .....farms                                  | 46            | 1          | 1         | 4       | -     | 6     | 5        |
| .....acres irrigated   | 3,423         | (D)        | (D)       | 357     | -     | 151   | 579      |
| 500 to 999 acres .....farms                                  | 21            | -          | 3         | 5       | -     | 2     | 3        |
| .....acres irrigated   | 1,844         | -          | 3         | 245     | -     | (D)   | 576      |
| 1,000 to 1,999 acres .....farms                              | 12            | -          | 1         | -       | -     | 1     | -        |
| .....acres irrigated   | 3,988         | -          | (D)       | -       | -     | (D)   | -        |
| 2,000 acres or more .....farms                               | 1             | -          | -         | -       | -     | -     | -        |
| .....acres irrigated   | (D)           | -          | -         | -       | -     | -     | -        |
| 2002 irrigated acres by size of farm:                        |               |            |           |         |       |       |          |
| 1 to 9 acres .....farms                                      | 466           | 54         | 23        | 39      | 17    | 40    | 22       |
| .....acres irrigated   | 919           | 132        | 32        | 80      | 33    | 63    | 35       |
| 10 to 49 acres .....farms                                    | 562           | 46         | 21        | 70      | 8     | 34    | 31       |
| .....acres irrigated   | 3,669         | 346        | 50        | 326     | (D)   | 124   | 133      |
| 50 to 69 acres .....farms                                    | 123           | 6          | 3         | 17      | 2     | 3     | 8        |
| .....acres irrigated   | 1,381         | (D)        | (D)       | 109     | (D)   | 10    | 36       |
| 70 to 99 acres .....farms                                    | 91            | 2          | 2         | 10      | 1     | 4     | 2        |
| .....acres irrigated   | 1,379         | (D)        | (D)       | 197     | (D)   | 38    | (D)      |
| 100 to 139 acres .....farms                                  | 94            | 4          | 4         | 8       | -     | 7     | 7        |
| .....acres irrigated   | 1,719         | 114        | 7         | (D)     | -     | 125   | 59       |
| 140 to 179 acres .....farms                                  | 77            | 2          | 2         | 13      | 1     | 5     | 4        |
| .....acres irrigated   | 2,202         | (D)        | (D)       | 314     | (D)   | 70    | (D)      |
| 180 to 219 acres .....farms                                  | 46            | 3          | -         | 9       | -     | 3     | 4        |
| .....acres irrigated   | 1,989         | 167        | -         | 467     | -     | (D)   | 121      |
| 220 to 259 acres .....farms                                  | 29            | -          | 1         | 4       | -     | 1     | 3        |
| .....acres irrigated   | (D)           | -          | (D)       | 128     | -     | (D)   | (D)      |
| 260 to 499 acres .....farms                                  | 59            | 4          | 2         | 6       | -     | 5     | 6        |
| .....acres irrigated   | 4,146         | 960        | (D)       | 147     | -     | 138   | 705      |
| 500 to 999 acres .....farms                                  | 21            | -          | 1         | 2       | -     | 2     | 3        |
| .....acres irrigated   | 1,948         | -          | (D)       | (D)     | -     | (D)   | (D)      |
| 1,000 to 1,999 acres .....farms                              | 11            | -          | -         | -       | -     | -     | -        |
| .....acres irrigated   | 2,107         | -          | -         | -       | -     | -     | -        |
| 2,000 acres or more .....farms                               | 1             | -          | -         | -       | -     | -     | -        |
| .....acres irrigated   | (D)           | -          | -         | -       | -     | -     | -        |

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**Table 10. Irrigation: 2007 and 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Hampden | Hampshire | Middlesex | Nantucket | Norfolk | Plymouth | Suffolk | Worcester |
|--|---------|-----------|-----------|-----------|---------|----------|---------|-----------|
| Farms .....number, 2007                                      | 76      | 82        | 174       | 10        | 63      | 435      | 5       | 193       |
| .....2002  | 77      | 85        | 155       | 8         | 53      | 427      | 4       | 190       |
| Land in irrigated farms .....acres, 2007                     | 4,067   | 6,754     | 9,001     | 553       | 1,771   | 38,059   | (D)     | 12,763    |
| .....2002  | 4,437   | 7,188     | 8,579     | (D)       | 2,958   | 42,209   | (D)     | 17,360    |
| Harvested cropland .....farms, 2007                          | 72      | 82        | 170       | 10        | 61      | 426      | 5       | 187       |
| .....2002  | 72      | 85        | 155       | 8         | 53      | 426      | 4       | 184       |
| .....acres, 2007   | 1,691   | 4,221     | 3,355     | 372       | 537     | 12,930   | (D)     | 4,582     |
| .....2002  | 1,617   | 3,369     | 3,722     | (D)       | 774     | 13,387   | (D)     | 6,028     |
| Other cropland, excluding cropland pastured .....farms, 2007 | 18      | 35        | 43        | 1         | 10      | 69       | -       | 41        |
| .....2002  | 22      | 34        | 49        | 2         | 11      | 87       | -       | 47        |
| .....acres, 2007   | 386     | 453       | 924       | (D)       | 177     | 862      | -       | 549       |
| .....2002  | 510     | 371       | 869       | (D)       | 175     | 1,460    | -       | 633       |
| Pastureland, excluding woodland pastured .....farms, 2007    | 17      | 18        | 42        | 4         | 17      | 46       | 2       | 58        |
| .....2002  | 23      | 20        | 37        | 2         | 7       | 30       | -       | 70        |
| .....acres, 2007   | 128     | 303       | 531       | (D)       | 232     | 822      | (D)     | 808       |
| .....2002  | 241     | 815       | 416       | (D)       | 38      | 261      | -       | 1,075     |
| Irrigated land .....acres, 2007                              | 1,154   | 1,011     | 1,488     | 374       | 273     | 11,861   | 7       | 930       |
| .....2002  | 895     | 685       | 1,418     | (D)       | 305     | 12,210   | (D)     | 1,105     |
| Harvested cropland .....farms, 2007                          | 70      | 81        | 165       | 10        | 61      | 426      | 5       | 184       |
| .....2002  | 71      | 83        | 154       | 8         | 52      | 425      | 4       | 182       |
| .....acres, 2007   | 1,135   | (D)       | 1,439     | (D)       | 269     | 11,810   | (D)     | 868       |
| .....2002  | 875     | (D)       | 1,402     | (D)       | (D)     | 12,194   | (D)     | 1,061     |
| Pastureland and other land .....farms, 2007                  | 7       | 1         | 11        | 2         | 4       | 18       | -       | 14        |
| .....2002  | 6       | 2         | 4         | -         | 1       | 6        | -       | 12        |
| .....acres, 2007   | 19      | (D)       | 49        | (D)       | 4       | 51       | -       | 62        |
| .....2002  | 20      | (D)       | 16        | -         | (D)     | 16       | -       | 44        |
| 2007 irrigated acres by size of farm:                        |         |           |           |           |         |          |         |           |
| 1 to 9 acres .....farms                                      | 33      | 24        | 72        | 4         | 31      | 76       | 4       | 67        |
| .....acres irrigated   | (D)     | 37        | 110       | (D)       | (D)     | 224      | (D)     | 97        |
| 10 to 49 acres .....farms                                    | 20      | 23        | 65        | 4         | 22      | 194      | -       | 64        |
| .....acres irrigated   | 113     | 74        | 355       | 29        | 60      | 1,708    | -       | 219       |
| 50 to 69 acres .....farms                                    | 5       | 6         | 10        | -         | 4       | 40       | -       | 19        |
| .....acres irrigated   | 75      | 32        | 133       | -         | 6       | 719      | -       | 82        |
| 70 to 99 acres .....farms                                    | 4       | 10        | 5         | -         | 1       | 31       | 1       | 15        |
| .....acres irrigated   | (D)     | 114       | 62        | -         | (D)     | 617      | (D)     | 164       |
| 100 to 139 acres .....farms                                  | 5       | 3         | 8         | -         | 3       | 34       | -       | 8         |
| .....acres irrigated   | 87      | (D)       | 174       | -         | 89      | 1,155    | -       | 105       |
| 140 to 179 acres .....farms                                  | 4       | 4         | 3         | -         | 1       | 11       | -       | 7         |
| .....acres irrigated   | 122     | (D)       | (D)       | -         | (D)     | 482      | -       | 57        |
| 180 to 219 acres .....farms                                  | -       | 5         | 6         | 1         | -       | 14       | -       | 4         |
| .....acres irrigated   | -       | 157       | 334       | (D)       | -       | 556      | -       | 9         |
| 220 to 259 acres .....farms                                  | 1       | 2         | -         | 1         | -       | 8        | -       | 2         |
| .....acres irrigated   | (D)     | (D)       | -         | (D)       | (D)     | 640      | -       | (D)       |
| 260 to 499 acres .....farms                                  | 4       | 4         | 3         | -         | -       | 15       | -       | 3         |
| .....acres irrigated   | 643     | (D)       | (D)       | -         | -       | 1,201    | -       | (D)       |
| 500 to 999 acres .....farms                                  | -       | -         | 1         | -         | -       | 5        | -       | 2         |
| .....acres irrigated   | -       | -         | (D)       | -         | -       | 883      | -       | (D)       |
| 1,000 to 1,999 acres .....farms                              | -       | 1         | -         | -         | -       | 7        | -       | 2         |
| .....acres irrigated   | -       | (D)       | -         | -         | -       | 3,676    | -       | (D)       |
| 2,000 acres or more .....farms                               | -       | -         | 1         | -         | -       | -        | -       | -         |
| .....acres irrigated   | -       | -         | (D)       | -         | -       | -        | -       | -         |
| 2002 irrigated acres by size of farm:                        |         |           |           |           |         |          |         |           |
| 1 to 9 acres .....farms                                      | 25      | 24        | 56        | 4         | 25      | 84       | 3       | 50        |
| .....acres irrigated   | 42      | 39        | 85        | (D)       | 43      | 246      | (D)     | 82        |
| 10 to 49 acres .....farms                                    | 24      | 20        | 49        | 2         | 19      | 174      | -       | 64        |
| .....acres irrigated   | 198     | 44        | 263       | (D)       | 153     | 1,836    | -       | 166       |
| 50 to 69 acres .....farms                                    | 5       | 12        | 14        | -         | -       | 35       | -       | 18        |
| .....acres irrigated   | 41      | 119       | 184       | -         | -       | 560      | -       | 167       |
| 70 to 99 acres .....farms                                    | 8       | 7         | 11        | -         | 2       | 27       | 1       | 14        |
| .....acres irrigated   | 84      | 81        | 121       | -         | (D)     | 549      | (D)     | 102       |
| 100 to 139 acres .....farms                                  | 6       | 3         | 7         | -         | 3       | 32       | -       | 13        |
| .....acres irrigated   | 81      | (D)       | (D)       | -         | 20      | 985      | -       | 119       |
| 140 to 179 acres .....farms                                  | 4       | 5         | 9         | -         | 1       | 23       | -       | 8         |
| .....acres irrigated   | 95      | (D)       | 275       | -         | (D)     | 1,124    | -       | 173       |
| 180 to 219 acres .....farms                                  | 1       | 3         | 3         | 1         | -       | 11       | -       | 8         |
| .....acres irrigated   | (D)     | 114       | 75        | (D)       | -       | 754      | -       | 146       |
| 220 to 259 acres .....farms                                  | 1       | 7         | 2         | -         | 1       | 5        | -       | 4         |
| .....acres irrigated   | (D)     | 7         | (D)       | -         | (D)     | (D)      | -       | 13        |
| 260 to 499 acres .....farms                                  | 3       | 2         | 2         | 1         | 1       | 22       | -       | 5         |
| .....acres irrigated   | (D)     | (D)       | (D)       | (D)       | (D)     | 1,643    | -       | (D)       |
| 500 to 999 acres .....farms                                  | -       | 2         | 2         | -         | -       | 6        | -       | 7         |
| .....acres irrigated   | -       | (D)       | (D)       | -         | -       | 595      | -       | 3         |
| 1,000 to 1,999 acres .....farms                              | -       | -         | -         | -         | 1       | 7        | -       | 3         |
| .....acres irrigated   | -       | -         | -         | -         | (D)     | (D)      | -       | (D)       |
| 2,000 acres or more .....farms                               | -       | -         | -         | -         | -       | 1        | -       | -         |
| .....acres irrigated   | -       | -         | -         | -         | -       | (D)      | -       | -         |