

**Table 43. Selected Practices: 2017 and 2012**

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

| Item   | Michigan | Alcona  | Alger | Allegan    | Alpena    | Antrim   |
|--|----------|---------|-------|------------|-----------|----------|
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -       | -     | -          | -         | -        |
| 2012   | -        | -       | -     | -          | -         | -        |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 957      | 3       | 10    | 26         | 12        | 9        |
| 2012 <sup>1</sup>  | 38       | -       | -     | -          | -         | 2        |
| Harvested biomass for use in renewable energy .....farms, 2017   | 308      | -       | 3     | 9          | 8         | -        |
| 2012   | 266      | 2       | -     | 4          | 5         | 1        |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 4,326    | 17      | 29    | 84         | 61        | 37       |
| 2012   | 5,065    | 29      | 23    | 166        | 82        | 42       |
| Raised or sold veal calves .....farms, 2017  | 123      | -       | 2     | 10         | 2         | -        |
| 2012   | 180      | -       | -     | 6          | -         | -        |
| On-farm packing facility .....farms, 2017  | 705      | 4       | 13    | 24         | 5         | 9        |
| 2012   | 813      | -       | 5     | 34         | -         | 12       |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 15,021   | 74      | 31    | 436        | 150       | 101      |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 15,797   | 83      | 42    | 342        | 134       | 98       |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |
| Item   | Arenac   | Baraga  | Barry | Bay        | Benzie    | Berrien  |
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -       | -     | -          | -         | -        |
| 2012   | -        | -       | -     | -          | -         | -        |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 4        | 1       | 12    | 1          | 8         | 28       |
| 2012 <sup>1</sup>  | -        | -       | -     | -          | -         | 2        |
| Harvested biomass for use in renewable energy .....farms, 2017   | 7        | 1       | 5     | -          | -         | 6        |
| 2012   | -        | 1       | 6     | -          | -         | 2        |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 11       | 15      | 111   | 14         | 17        | 57       |
| 2012   | 18       | 7       | 129   | 19         | 15        | 50       |
| Raised or sold veal calves .....farms, 2017  | -        | -       | 4     | -          | -         | 2        |
| 2012   | 1        | -       | 6     | 3          | -         | 1        |
| On-farm packing facility .....farms, 2017  | 1        | 2       | 2     | 13         | 4         | 46       |
| 2012   | 2        | 1       | 5     | 16         | 5         | 68       |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 84       | 19      | 291   | 192        | 36        | 279      |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 128      | 26      | 290   | 251        | 80        | 291      |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |
| Item   | Branch   | Calhoun | Cass  | Charlevoix | Cheboygan | Chippewa |
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -       | -     | -          | -         | -        |
| 2012   | -        | -       | -     | -          | -         | -        |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 15       | 20      | 13    | 6          | 7         | 19       |
| 2012 <sup>1</sup>  | 1        | -       | -     | -          | -         | -        |
| Harvested biomass for use in renewable energy .....farms, 2017   | 5        | 13      | 6     | 2          | 2         | 10       |
| 2012   | 8        | 4       | 4     | 4          | -         | 2        |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 55       | 95      | 70    | 47         | 53        | 78       |
| 2012   | 77       | 88      | 66    | 42         | 49        | 78       |
| Raised or sold veal calves .....farms, 2017  | 6        | -       | -     | -          | -         | -        |
| 2012   | 2        | 2       | 4     | -          | -         | 3        |
| On-farm packing facility .....farms, 2017  | 7        | 17      | 13    | -          | 6         | 8        |
| 2012   | 8        | 8       | 19    | 6          | 4         | 6        |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 281      | 332     | 223   | 85         | 100       | 109      |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 293      | 334     | 282   | 81         | 93        | 136      |
| 2012   | (NA)     | (NA)    | (NA)  | (NA)       | (NA)      | (NA)     |

See footnote(s) at end of table.

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**Table 43. Selected Practices: 2017 and 2012 (continued)**

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

| Item  | Clare     | Clinton  | Crawford | Delta   | Dickinson      | Eaton   |
|---|-----------|----------|----------|---------|----------------|---------|
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -         | -        | -        | -       | -              | -       |
| 2012  | -         | -        | -        | -       | -              | -       |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | 4         | 22       | -        | 13      | -              | 12      |
| 2012 <sup>1</sup>   | -         | -        | -        | -       | -              | -       |
| Harvested biomass for use in renewable energy ..... farms, 2017   | 2         | 5        | -        | -       | 2              | 6       |
| 2012  | 4         | 11       | -        | 3       | 4              | 2       |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 51        | 103      | 13       | 39      | 15             | 91      |
| 2012  | 65        | 117      | 8        | 59      | 33             | 128     |
| Raised or sold veal calves ..... farms, 2017  | 4         | 3        | -        | -       | -              | -       |
| 2012  | 4         | 6        | -        | 3       | -              | 1       |
| On-farm packing facility ..... farms, 2017  | 6         | 2        | 1        | 2       | 3              | 12      |
| 2012  | -         | 7        | -        | 8       | 1              | 5       |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 113       | 377      | 9        | 83      | 37             | 354     |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 96        | 361      | 9        | 88      | 61             | 338     |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |
| Item  | Emmet     | Genesee  | Gladwin  | Gogebic | Grand Traverse | Gratiot |
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -         | -        | -        | -       | -              | -       |
| 2012  | -         | -        | -        | -       | -              | -       |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | 8         | 8        | 3        | 1       | 9              | 8       |
| 2012 <sup>1</sup>   | 1         | -        | 2        | -       | 4              | -       |
| Harvested biomass for use in renewable energy ..... farms, 2017   | 8         | 6        | -        | -       | 3              | 1       |
| 2012  | 1         | 12       | 2        | -       | 6              | 2       |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 36        | 88       | 41       | 12      | 36             | 36      |
| 2012  | 45        | 78       | 68       | 14      | 33             | 51      |
| Raised or sold veal calves ..... farms, 2017  | 3         | -        | 3        | -       | -              | 1       |
| 2012  | 5         | 4        | 4        | -       | 2              | 5       |
| On-farm packing facility ..... farms, 2017  | 11        | 7        | -        | -       | 8              | 7       |
| 2012  | 7         | 10       | 3        | 5       | 24             | 4       |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 122       | 239      | 128      | 23      | 121            | 184     |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 120       | 255      | 121      | 20      | 191            | 291     |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |
| Item  | Hillsdale | Houghton | Huron    | Ingham  | Ionia          | Iosco   |
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -         | -        | -        | -       | -              | -       |
| 2012  | -         | -        | -        | -       | -              | -       |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | 11        | 21       | 23       | 16      | 13             | 4       |
| 2012 <sup>1</sup>   | -         | 2        | -        | 5       | -              | 1       |
| Harvested biomass for use in renewable energy ..... farms, 2017   | 5         | -        | 2        | 8       | 4              | -       |
| 2012  | 4         | 2        | 5        | 6       | 2              | 1       |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 93        | 35       | 23       | 143     | 107            | 28      |
| 2012  | 131       | 35       | 23       | 124     | 104            | 45      |
| Raised or sold veal calves ..... farms, 2017  | 7         | -        | 4        | 1       | -              | -       |
| 2012  | 5         | -        | 1        | 1       | -              | -       |
| On-farm packing facility ..... farms, 2017  | 7         | 2        | 6        | 3       | 5              | 3       |
| 2012  | 5         | 11       | 10       | 11      | 7              | 3       |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 357       | 59       | 360      | 284     | 334            | 84      |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 456       | 57       | 413      | 309     | 319            | 98      |
| 2012  | (NA)      | (NA)     | (NA)     | (NA)    | (NA)           | (NA)    |

See footnote(s) at end of table.

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**Table 43. Selected Practices: 2017 and 2012 (continued)**

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

| Item   | Iron     | Isabella | Jackson | Kalamazoo | Kalkaska  | Kent       |
|--|----------|----------|---------|-----------|-----------|------------|
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -        | -       | -         | -         | -          |
| 2012   | -        | -        | -       | -         | -         | -          |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 8        | 17       | 17      | 22        | 7         | 34         |
| 2012 <sup>1</sup>  | -        | -        | 2       | 2         | -         | -          |
| Harvested biomass for use in renewable energy .....farms, 2017   | -        | 8        | 5       | 9         | -         | 11         |
| 2012   | 1        | 1        | 7       | 14        | 2         | 5          |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 31       | 88       | 79      | 77        | 20        | 105        |
| 2012   | 17       | 80       | 113     | 83        | 30        | 119        |
| Raised or sold veal calves .....farms, 2017  | -        | -        | -       | -         | 1         | -          |
| 2012   | 2        | 6        | 3       | 2         | -         | 4          |
| On-farm packing facility .....farms, 2017  | 6        | 10       | 6       | 6         | 4         | 20         |
| 2012   | 7        | 7        | 13      | 6         | 3         | 30         |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 37       | 268      | 300     | 195       | 68        | 343        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 28       | 301      | 304     | 229       | 80        | 317        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |
| Item   | Keweenaw | Lake     | Lapeer  | Leelanau  | Lenawee   | Livingston |
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -        | -       | -         | -         | -          |
| 2012   | -        | -        | -       | -         | -         | -          |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | -        | 12       | 12      | 29        | 24        | 10         |
| 2012 <sup>1</sup>  | -        | -        | 1       | 1         | -         | -          |
| Harvested biomass for use in renewable energy .....farms, 2017   | -        | -        | 5       | 5         | 7         | 7          |
| 2012   | -        | 4        | -       | 4         | 3         | 3          |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 3        | 27       | 135     | 50        | 67        | 80         |
| 2012   | 2        | 22       | 128     | 42        | 102       | 99         |
| Raised or sold veal calves .....farms, 2017  | -        | -        | 4       | -         | 1         | -          |
| 2012   | -        | -        | 3       | 1         | -         | 2          |
| On-farm packing facility .....farms, 2017  | -        | 2        | 18      | 28        | 16        | 14         |
| 2012   | -        | 1        | 31      | 26        | 10        | 3          |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | -        | 64       | 345     | 155       | 440       | 245        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 9        | 42       | 308     | 185       | 615       | 174        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |
| Item   | Luce     | Mackinac | Macomb  | Manistee  | Marquette | Mason      |
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -        | -        | -       | -         | -         | -          |
| 2012   | -        | -        | -       | -         | -         | -          |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 2        | 4        | -       | 18        | 13        | 21         |
| 2012 <sup>1</sup>  | -        | -        | 1       | -         | 2         | 1          |
| Harvested biomass for use in renewable energy .....farms, 2017   | -        | -        | 1       | -         | 4         | -          |
| 2012   | -        | -        | -       | 2         | 4         | -          |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 8        | 19       | 19      | 28        | 20        | 38         |
| 2012   | 6        | 20       | 44      | 23        | 41        | 34         |
| Raised or sold veal calves .....farms, 2017  | -        | -        | -       | -         | -         | -          |
| 2012   | -        | 4        | -       | -         | 1         | 3          |
| On-farm packing facility .....farms, 2017  | -        | 4        | 9       | 1         | 8         | 3          |
| 2012   | -        | -        | 12      | 7         | 7         | 9          |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 10       | 29       | 144     | 76        | 43        | 179        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 10       | 38       | 142     | 84        | 80        | 136        |
| 2012   | (NA)     | (NA)     | (NA)    | (NA)      | (NA)      | (NA)       |

See footnote(s) at end of table.

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**Table 43. Selected Practices: 2017 and 2012 (continued)**

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

| Item  | Mecosta     | Menominee | Midland | Missaukee | Monroe | Montcalm     |
|---|-------------|-----------|---------|-----------|--------|--------------|
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -           | -         | -       | -         | -      | -            |
| 2012  | -           | -         | -       | -         | -      | -            |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | 10          | 11        | 15      | 4         | 10     | 12           |
| 2012 <sup>1</sup>   | 1           | -         | 1       | -         | -      | -            |
| Harvested biomass for use in renewable energy ..... farms, 2017   | 5           | 3         | 5       | -         | 4      | 2            |
| 2012  | 1           | 6         | 4       | 3         | 1      | 9            |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 75          | 35        | 61      | 32        | 43     | 98           |
| 2012  | 100         | 49        | 36      | 38        | 51     | 115          |
| Raised or sold veal calves ..... farms, 2017  | -           | 2         | -       | 2         | 2      | 1            |
| 2012  | 6           | 2         | 1       | 1         | 2      | 2            |
| On-farm packing facility ..... farms, 2017  | 13          | 1         | 12      | 3         | 14     | 8            |
| 2012  | 7           | -         | 3       | 1         | 25     | 18           |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 242         | 127       | 141     | 134       | 319    | 327          |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 227         | 140       | 150     | 136       | 346    | 304          |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |
| Item  | Montmorency | Muskegon  | Newaygo | Oakland   | Oceana | Ogemaw       |
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -           | -         | -       | -         | -      | -            |
| 2012  | -           | -         | -       | -         | -      | -            |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | -           | 10        | 16      | 4         | 33     | 6            |
| 2012 <sup>1</sup>   | -           | -         | -       | -         | 2      | -            |
| Harvested biomass for use in renewable energy ..... farms, 2017   | 3           | 2         | 3       | -         | 10     | 3            |
| 2012  | 4           | -         | 6       | 2         | 5      | 2            |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 18          | 42        | 101     | 65        | 46     | 27           |
| 2012  | 19          | 48        | 103     | 96        | 50     | 37           |
| Raised or sold veal calves ..... farms, 2017  | -           | -         | 6       | -         | 2      | -            |
| 2012  | 3           | 5         | 2       | -         | 1      | 2            |
| On-farm packing facility ..... farms, 2017  | 3           | 16        | 8       | 10        | 24     | -            |
| 2012  | 1           | 16        | 15      | 7         | 13     | 2            |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 54          | 140       | 249     | 104       | 184    | 94           |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 83          | 126       | 242     | 139       | 192    | 98           |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |
| Item  | Ontonagon   | Osceola   | Oscoda  | Otsego    | Ottawa | Presque Isle |
| Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2017   | -           | -         | -       | -         | -      | -            |
| 2012  | -           | -         | -       | -         | -      | -            |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) ..... farms, 2017 | 6           | 15        | 2       | 9         | 12     | 7            |
| 2012 <sup>1</sup>   | 2           | -         | -       | -         | -      | -            |
| Harvested biomass for use in renewable energy ..... farms, 2017   | -           | 5         | 3       | -         | 5      | -            |
| 2012  | 5           | 3         | -       | 1         | 1      | 1            |
| Practiced rotational or management-intensive grazing ..... farms, 2017  | 14          | 71        | 20      | 14        | 102    | 39           |
| 2012  | 26          | 98        | 25      | 27        | 128    | 40           |
| Raised or sold veal calves ..... farms, 2017  | -           | 6         | 4       | -         | 3      | 6            |
| 2012  | -           | 1         | 3       | 1         | 1      | 2            |
| On-farm packing facility ..... farms, 2017  | -           | 4         | 2       | 1         | 35     | 5            |
| 2012  | 3           | 6         | 2       | 5         | 36     | 11           |
| Had a barn that was built prior to 1960 (see text) ..... farms, 2017  | 40          | 187       | 44      | 67        | 356    | 102          |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) ..... farms, 2017             | 44          | 202       | 16      | 56        | 296    | 107          |
| 2012  | (NA)        | (NA)      | (NA)    | (NA)      | (NA)   | (NA)         |

See footnote(s) at end of table.

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**Table 43. Selected Practices: 2017 and 2012 (continued)**

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

| Item   | Roscommon | Saginaw | St. Clair | St. Joseph | Sanilac | Schoolcraft |
|--|-----------|---------|-----------|------------|---------|-------------|
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -         | -       | -         | -          | -       | -           |
| 2012   | -         | -       | -         | -          | -       | -           |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 1         | 18      | 13        | 15         | 14      | 1           |
| 2012 <sup>1</sup>  | -         | -       | -         | 2          | -       | -           |
| Harvested biomass for use in renewable energy .....farms, 2017   | 1         | 14      | 6         | 6          | 7       | -           |
| 2012   | 1         | 4       | 3         | 3          | 7       | 1           |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 4         | 34      | 89        | 75         | 105     | 8           |
| 2012   | 14        | 48      | 79        | 120        | 94      | 14          |
| Raised or sold veal calves .....farms, 2017  | -         | -       | 9         | 2          | 16      | -           |
| 2012   | 2         | 1       | 5         | 4          | 10      | -           |
| On-farm packing facility .....farms, 2017  | 6         | 6       | 7         | 3          | 22      | -           |
| 2012   | 1         | 11      | 3         | 11         | 19      | 7           |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 12        | 424     | 345       | 271        | 506     | 15          |
| 2012   | (NA)      | (NA)    | (NA)      | (NA)       | (NA)    | (NA)        |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 22        | 413     | 364       | 270        | 477     | 18          |
| 2012   | (NA)      | (NA)    | (NA)      | (NA)       | (NA)    | (NA)        |

  

| Item   | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|--|------------|---------|-----------|-----------|-------|---------|
| Received irrigation water from the U.S. Bureau of Reclamation .....farms, 2017   | -          | -       | -         | -         | -     | -       |
| 2012   | -          | -       | -         | -         | -     | -       |
| Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks (see text) .....farms, 2017 | 7          | 20      | 22        | 30        | 5     | 9       |
| 2012 <sup>1</sup>  | -          | -       | -         | -         | -     | -       |
| Harvested biomass for use in renewable energy .....farms, 2017   | 5          | 2       | 9         | 10        | -     | 4       |
| 2012   | 9          | 6       | 4         | 5         | 5     | 4       |
| Practiced rotational or management-intensive grazing .....farms, 2017  | 44         | 78      | 66        | 125       | 25    | 35      |
| 2012   | 63         | 105     | 87        | 154       | 19    | 36      |
| Raised or sold veal calves .....farms, 2017  | -          | 4       | -         | -         | -     | -       |
| 2012   | 3          | 9       | 3         | 3         | -     | 2       |
| On-farm packing facility .....farms, 2017  | 5          | 4       | 39        | 27        | 13    | -       |
| 2012   | 4          | 13      | 53        | 22        | 1     | 5       |
| Had a barn that was built prior to 1960 (see text) .....farms, 2017  | 317        | 385     | 233       | 468       | 41    | 61      |
| 2012   | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Aware of right to appeal an adverse program decision to USDA's National Appeals Division (see text) .....farms, 2017             | 341        | 442     | 320       | 391       | 66    | 100     |
| 2012   | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |

<sup>1</sup> Data for 2012 exclude operations that practiced forest farming or had riparian forest buffers or windbreaks.