

### US Seeded Oat Area

| 000 Acres      | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | Current chge<br>from last year | 5y avg | % of Total | Current chge<br>from avg | 5 yr<br>CAGR |
|----------------|-------|-------|-------|-------|-------|-------|-------|--------------------------------|--------|------------|--------------------------|--------------|
|                |       |       |       |       |       |       | Mar   |                                |        |            |                          |              |
| ARKANSAS       | 11    | 11    | 10    | 5     | 8     | 10    | 10    | 0.0%                           | 9      | 0.3%       | 13.6%                    | -1.9%        |
| CALIFORNIA     | 110   | 110   | 110   | 90    | 80    | 100   | 95    | -5.0%                          | 98     | 3.6%       | -3.1%                    | -1.9%        |
| GEORGIA        | 45    | 50    | 60    | 70    | 80    | 80    | 70    | -12.5%                         | 68     | 2.5%       | 2.9%                     | 9.9%         |
| IDAHO          | 55    | 50    | 40    | 60    | 50    | 50    | 35    | -30.0%                         | 50     | 1.8%       | -30.0%                   | 0.0%         |
| ILLINOIS       | 45    | 35    | 40    | 70    | 60    | 60    | 60    | 0.0%                           | 53     | 1.9%       | 13.2%                    | 11.4%        |
| IOWA           | 120   | 115   | 135   | 215   | 170   | 130   | 150   | 15.4%                          | 153    | 5.6%       | -2.0%                    | 2.5%         |
| KANSAS         | 120   | 100   | 120   | 120   | 140   | 115   | 150   | 30.4%                          | 119    | 4.3%       | 26.1%                    | 2.8%         |
| MAINE          | 25    | 22    | 21    | 22    | 26    | 22    | 25    | 13.6%                          | 23     | 0.8%       | 10.6%                    | 0.0%         |
| MICHIGAN       | 65    | 55    | 75    | 70    | 70    | 55    | 40    | -27.3%                         | 65     | 2.4%       | -38.5%                   | 0.0%         |
| MINNESOTA      | 210   | 170   | 180   | 240   | 255   | 180   | 230   | 27.8%                          | 205    | 7.5%       | 12.2%                    | 1.1%         |
| MISSOURI       | 45    | 30    | 35    | 50    | 35    | 50    | 50    | 0.0%                           | 40     | 1.5%       | 25.0%                    | 10.8%        |
| MONTANA        | 60    | 70    | 70    | 75    | 70    | 60    | 60    | 0.0%                           | 69     | 2.5%       | -13.0%                   | -3.0%        |
| NEBRASKA       | 135   | 110   | 125   | 120   | 135   | 120   | 120   | 0.0%                           | 122    | 4.5%       | -1.6%                    | 1.8%         |
| NEW YORK       | 90    | 55    | 69    | 56    | 52    | 55    | 35    | -36.4%                         | 57     | 2.1%       | -39.0%                   | 0.0%         |
| NORTH CAROLINA | 35    | 35    | 30    | 22    | 37    | 33    | 30    | -9.1%                          | 31     | 1.1%       | -4.5%                    | -1.2%        |
| NORTH DAKOTA   | 290   | 295   | 300   | 355   | 365   | 355   | 390   | 9.9%                           | 334    | 12.2%      | 16.8%                    | 3.8%         |
| OHIO           | 50    | 60    | 55    | 75    | 55    | 45    | 45    | 0.0%                           | 58     | 2.1%       | -22.4%                   | -5.6%        |
| OKLAHOMA       | 65    | 45    | 50    | 100   | 110   | 80    | 50    | -37.5%                         | 77     | 2.8%       | -35.1%                   | 12.2%        |
| OREGON         | 30    | 25    | 20    | 20    | 20    | 15    | 20    | 33.3%                          | 20     | 0.7%       | 0.0%                     | -9.7%        |
| PENNSYLVANIA   | 85    | 70    | 65    | 85    | 86    | 85    | 87    | 2.4%                           | 78     | 2.9%       | 11.3%                    | 4.0%         |
| SOUTH DAKOTA   | 295   | 290   | 290   | 245   | 310   | 215   | 240   | 11.6%                          | 270    | 9.9%       | -11.1%                   | -5.8%        |
| TEXAS          | 470   | 455   | 450   | 400   | 470   | 460   | 400   | -13.0%                         | 447    | 16.3%      | -10.5%                   | 0.2%         |
| WISCONSIN      | 210   | 180   | 200   | 265   | 300   | 175   | 155   | -11.4%                         | 224    | 8.2%       | -30.8%                   | -0.6%        |
| US TOTAL       | 2,829 | 2,589 | 2,746 | 2,830 | 2,984 | 2,550 | 2,547 | -0.1%                          | 2,740  | 100.0%     | -7.0%                    | -0.3%        |

### US Harvested Oat Area

| 000 Acres      | 2016 | 2017 | 2018 | 2019 | 2020  | 2021 | 2022 | Current chge<br>from last year | 5y avg | % of Total | Current chge<br>from avg | 5 yr<br>CAGR |
|----------------|------|------|------|------|-------|------|------|--------------------------------|--------|------------|--------------------------|--------------|
|                |      |      |      |      |       |      | Mar  |                                |        |            |                          |              |
| ARKANSAS       | 8    | 8    | 7    | 3    | 5     | 6    | 7    | 8.4%                           | 6      | 0.2%       | 12.1%                    | -5.6%        |
| CALIFORNIA     | 11   | 10   | 6    | 2    | 4     | 5    | 5    | 1.7%                           | 5      | 0.2%       | -5.8%                    | -12.9%       |
| GEORGIA        | 15   | 15   | 15   | 15   | 20    | 20   | 18   | -11.5%                         | 17     | 0.6%       | 4.1%                     | 5.9%         |
| IDAHO          | 15   | 10   | 10   | 12   | 14    | 13   | 8    | -35.9%                         | 12     | 0.4%       | -29.4%                   | 5.4%         |
| ILLINOIS       | 20   | 20   | 25   | 10   | 15    | 15   | 22   | 47.1%                          | 17     | 0.6%       | 29.8%                    | -5.6%        |
| IOWA           | 43   | 42   | 33   | 69   | 73    | 52   | 53   | 1.5%                           | 54     | 2.0%       | -1.9%                    | 4.4%         |
| KANSAS         | 30   | 25   | 18   | 18   | 16    | 20   | 25   | 25.7%                          | 19     | 0.7%       | 29.6%                    | -4.4%        |
| MAINE          | 22   | 21   | 19   | 19   | 22    | 19   | 22   | 16.7%                          | 20     | 0.7%       | 10.8%                    | -2.0%        |
| MICHIGAN       | 30   | 40   | 50   | 25   | 30    | 20   | 20   | 1.7%                           | 33     | 1.2%       | -38.3%                   | -12.9%       |
| MINNESOTA      | 120  | 95   | 105  | 100  | 160   | 77   | 120  | 56.2%                          | 107    | 3.9%       | 12.0%                    | -4.1%        |
| MISSOURI       | 19   | 13   | 16   | 6    | 10    | 15   | 16   | 6.4%                           | 12     | 0.4%       | 33.0%                    | 2.9%         |
| MONTANA        | 28   | 18   | 23   | 26   | 38    | 16   | 21   | 30.6%                          | 24     | 0.9%       | -13.6%                   | -2.3%        |
| NEBRASKA       | 25   | 35   | 22   | 18   | 29    | 26   | 26   | -0.7%                          | 26     | 0.9%       | -0.7%                    | -5.8%        |
| NEW YORK       | 60   | 35   | 43   | 39   | 32    | 29   | 22   | -25.2%                         | 36     | 1.3%       | -39.1%                   | -3.7%        |
| NORTH CAROLINA | 9    | 10   | 11   | 7    | 12    | 14   | 10   | -26.3%                         | 11     | 0.4%       | -4.5%                    | 7.0%         |
| NORTH DAKOTA   | 110  | 80   | 105  | 115  | 105   | 83   | 114  | 37.8%                          | 98     | 3.6%       | 17.2%                    | 0.7%         |
| OHIO           | 25   | 20   | 30   | 25   | 15    | 20   | 17   | -13.2%                         | 22     | 0.8%       | -21.1%                   | 0.0%         |
| OKLAHOMA       | 8    | 16   | 10   | 25   | 11    | 6    | 10   | 63.4%                          | 14     | 0.5%       | -27.9%                   | -17.8%       |
| OREGON         | 10   | 10   | 5    | 9    | 7     | 6    | 7    | 23.3%                          | 7      | 0.3%       | 0.0%                     | -9.7%        |
| PENNSYLVANIA   | 50   | 40   | 35   | 50   | 55    | 36   | 48   | 33.5%                          | 43     | 1.6%       | 11.2%                    | -2.1%        |
| SOUTH DAKOTA   | 110  | 60   | 95   | 75   | 140   | 56   | 75   | 33.1%                          | 85     | 3.1%       | -12.5%                   | -1.4%        |
| TEXAS          | 60   | 60   | 50   | 40   | 60    | 35   | 44   | 25.0%                          | 49     | 1.8%       | -10.7%                   | -10.2%       |
| WISCONSIN      | 100  | 85   | 90   | 120  | 131   | 61   | 67   | 9.8%                           | 97     | 3.6%       | -31.2%                   | -6.4%        |
| US TOTAL       | 979  | 804  | 865  | 828  | 1,004 | 650  | 769  | -35.3%                         | 815    | 29.7%      | -20.2%                   | 0.5%         |

### US Oat Yield

|                | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |        |                             |        |            |                       |           |
|----------------|------|------|------|------|------|------|------|--------|-----------------------------|--------|------------|-----------------------|-----------|
| Bu/Ac          |      |      |      |      |      |      |      | Mar    | Current chge from last year | 5y avg | % of Total | Current chge from avg | 5 yr CAGR |
| ARKANSAS       | 73   | 85   | 75   | 70   | 64   | 90   | 77   | -14.7% | 77                          | 2.8%   | 0.0%       | 1.1%                  |           |
| CALIFORNIA     | 65   | 65   | 70   | 60   | 75   | 65   | 67   | 3.1%   | 67                          | 2.4%   | 0.0%       | 0.0%                  |           |
| GEORGIA        | 58   | 49   | 71   | 55   | 54   | 70   | 60   | -14.6% | 60                          | 2.2%   | 0.0%       | 7.4%                  |           |
| IDAHO          | 83   | 71   | 84   | 92   | 102  | 72   | 84   | 16.9%  | 84                          | 3.1%   | 0.0%       | 0.3%                  |           |
| ILLINOIS       | 81   | 79   | 83   | 65   | 58   | 83   | 74   | -11.3% | 74                          | 2.7%   | 0.0%       | 1.0%                  |           |
| IOWA           | 76   | 77   | 63   | 58   | 78   | 77   | 71   | -8.3%  | 71                          | 2.6%   | 0.0%       | 0.0%                  |           |
| KANSAS         | 57   | 54   | 49   | 64   | 52   | 50   | 54   | 7.6%   | 54                          | 2.0%   | 0.0%       | -1.5%                 |           |
| MAINE          | 71   | 67   | 67   | 76   | 63   | 78   | 70   | -10.0% | 70                          | 2.6%   | 0.0%       | 3.1%                  |           |
| MICHIGAN       | 58   | 54   | 63   | 57   | 55   | 63   | 58   | -7.3%  | 58                          | 2.1%   | 0.0%       | 3.1%                  |           |
| MINNESOTA      | 68   | 75   | 59   | 62   | 66   | 57   | 64   | 11.9%  | 64                          | 2.3%   | 0.0%       | -5.3%                 |           |
| MISSOURI       | 60   | 65   | 45   | 47   | 43   | 60   | 52   | -13.3% | 52                          | 1.9%   | 0.0%       | -1.6%                 |           |
| MONTANA        | 47   | 47   | 43   | 55   | 45   | 35   | 45   | 28.6%  | 45                          | 1.6%   | 0.0%       | -5.7%                 |           |
| NEBRASKA       | 60   | 49   | 69   | 63   | 63   | 56   | 60   | 7.1%   | 60                          | 2.2%   | 0.0%       | 2.7%                  |           |
| NEW YORK       | 55   | 55   | 54   | 60   | 53   | 68   | 58   | -14.7% | 58                          | 2.1%   | 0.0%       | 4.3%                  |           |
| NORTH CAROLINA | 60   | 66   | 66   | 71   | 67   | 68   | 68   | -0.6%  | 68                          | 2.5%   | 0.0%       | 0.6%                  |           |
| NORTH DAKOTA   | 66   | 58   | 82   | 86   | 78   | 48   | 70   | 46.7%  | 70                          | 2.6%   | 0.0%       | -3.7%                 |           |
| OHIO           | 74   | 70   | 65   | 46   | 60   | 67   | 62   | -8.1%  | 62                          | 2.2%   | 0.0%       | -0.9%                 |           |
| OKLAHOMA       | 43   | 42   | 48   | 50   | 45   | 45   | 46   | 2.2%   | 46                          | 1.7%   | 0.0%       | 1.4%                  |           |
| OREGON         | 90   | 83   | 99   | 97   | 100  | 62   | 88   | 42.3%  | 88                          | 3.2%   | 0.0%       | -5.7%                 |           |
| PENNSYLVANIA   | 67   | 58   | 46   | 53   | 50   | 65   | 54   | -16.3% | 54                          | 2.0%   | 0.0%       | 2.3%                  |           |
| SOUTH DAKOTA   | 82   | 70   | 82   | 82   | 77   | 67   | 76   | 12.8%  | 76                          | 2.8%   | 0.0%       | -0.9%                 |           |
| TEXAS          | 50   | 45   | 50   | 50   | 45   | 45   | 47   | 4.4%   | 47                          | 1.7%   | 0.0%       | 0.0%                  |           |
| WISCONSIN      | 66   | 59   | 61   | 54   | 63   | 62   | 60   | -3.5%  | 60                          | 2.2%   | 0.0%       | 1.0%                  |           |
| US TOTAL       | 66   | 62   | 65   | 64   | 65   | 61   | 63   | -5.8%  | 63                          |        | -3.4%      | -0.3%                 |           |

### US Oat Production - Bushels

|                | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   |        |                             |        |            |                       |           |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------|--------|------------|-----------------------|-----------|
| 000 Bushels    |        |        |        |        |        |        |        | Mar    | Current chge from last year | 5y avg | % of Total | Current chge from avg | 5 yr CAGR |
| ARKANSAS       | 584    | 680    | 525    | 210    | 320    | 540    | 500    | -7.5%  | 455                         | 16.6%  | 9.8%       | -4.5%                 |           |
| CALIFORNIA     | 715    | 650    | 420    | 120    | 300    | 325    | 341    | 4.8%   | 363                         | 13.2%  | -6.1%      | -12.9%                |           |
| GEORGIA        | 870    | 735    | 1,065  | 825    | 1,080  | 1,400  | 1,058  | -24.4% | 1,021                       | 37.3%  | 3.7%       | 13.8%                 |           |
| IDAHO          | 1,245  | 710    | 840    | 1,104  | 1,428  | 936    | 701    | -25.1% | 1,004                       | 36.6%  | -30.1%     | 5.7%                  |           |
| ILLINOIS       | 1,620  | 1,580  | 2,075  | 650    | 870    | 1,245  | 1,624  | 30.5%  | 1,284                       | 46.9%  | 26.5%      | -4.7%                 |           |
| IOWA           | 3,268  | 3,234  | 2,079  | 4,002  | 5,694  | 4,004  | 3,728  | -6.9%  | 3,803                       | 138.8% | -2.0%      | 4.4%                  |           |
| KANSAS         | 1,710  | 1,350  | 882    | 1,152  | 832    | 1,000  | 1,353  | 35.3%  | 1,043                       | 38.1%  | 29.7%      | -5.8%                 |           |
| MAINE          | 1,562  | 1,407  | 1,273  | 1,444  | 1,386  | 1,482  | 1,556  | 5.0%   | 1,398                       | 51.0%  | 11.3%      | 1.0%                  |           |
| MICHIGAN       | 1,740  | 2,160  | 3,150  | 1,425  | 1,650  | 1,260  | 1,188  | -5.7%  | 1,929                       | 70.4%  | -38.4%     | -10.2%                |           |
| MINNESOTA      | 8,160  | 7,125  | 6,195  | 6,200  | 10,560 | 4,389  | 7,672  | 74.8%  | 6,894                       | 251.6% | 11.3%      | -9.2%                 |           |
| MISSOURI       | 1,140  | 845    | 720    | 282    | 430    | 900    | 830    | -7.8%  | 635                         | 23.2%  | 30.6%      | 1.3%                  |           |
| MONTANA        | 1,316  | 846    | 989    | 1,430  | 1,710  | 560    | 941    | 68.0%  | 1,107                       | 40.4%  | -15.0%     | -7.9%                 |           |
| NEBRASKA       | 1,500  | 1,715  | 1,518  | 1,134  | 1,827  | 1,456  | 1,549  | 6.4%   | 1,530                       | 55.8%  | 1.2%       | -3.2%                 |           |
| NEW YORK       | 3,300  | 1,925  | 2,322  | 2,340  | 1,696  | 1,972  | 1,258  | -36.2% | 2,051                       | 74.9%  | -38.7%     | 0.5%                  |           |
| NORTH CAROLINA | 540    | 660    | 726    | 497    | 804    | 952    | 697    | -26.8% | 728                         | 26.6%  | -4.2%      | 7.6%                  |           |
| NORTH DAKOTA   | 7,260  | 4,640  | 8,610  | 9,890  | 8,190  | 3,984  | 8,053  | 102.1% | 7,063                       | 257.8% | 14.0%      | -3.0%                 |           |
| OHIO           | 1,850  | 1,400  | 1,950  | 1,150  | 900    | 1,340  | 1,070  | -20.2% | 1,348                       | 49.2%  | -20.7%     | -0.9%                 |           |
| OKLAHOMA       | 344    | 672    | 480    | 1,250  | 495    | 270    | 451    | 67.1%  | 633                         | 23.1%  | -28.8%     | -16.7%                |           |
| OREGON         | 900    | 830    | 495    | 873    | 700    | 372    | 653    | 75.5%  | 654                         | 23.9%  | -0.2%      | -14.8%                |           |
| PENNSYLVANIA   | 3,350  | 2,320  | 1,610  | 2,650  | 2,750  | 2,340  | 2,614  | 11.7%  | 2,334                       | 85.2%  | 12.0%      | 0.2%                  |           |
| SOUTH DAKOTA   | 9,020  | 4,200  | 7,790  | 6,150  | 10,780 | 3,752  | 5,634  | 50.2%  | 6,534                       | 238.5% | -13.8%     | -2.2%                 |           |
| TEXAS          | 3,000  | 2,700  | 2,500  | 2,000  | 2,700  | 1,575  | 2,056  | 30.5%  | 2,295                       | 83.8%  | -10.4%     | -10.2%                |           |
| WISCONSIN      | 6,600  | 5,015  | 5,490  | 6,480  | 8,253  | 3,782  | 4,005  | 5.9%   | 5,804                       | 211.8% | -31.0%     | -5.5%                 |           |
| US TOTAL       | 64,628 | 49,585 | 56,130 | 53,258 | 65,355 | 39,836 | 48,797 | -39.0% | 52,833                      |        | -24.6%     | 0.2%                  |           |

## US Oat Production - Metric Tonnes

|                   | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |                                |        |            |                          |              |
|-------------------|------|------|------|------|------|------|------|--------------------------------|--------|------------|--------------------------|--------------|
| 000 Metric Tonnes |      |      |      |      |      |      | Mar  | Current chge<br>from last year | 5y avg | % of Total | Current chge<br>from avg | 5 yr<br>CAGR |
| ARKANSAS          | 8    | 10   | 8    | 3    | 5    | 8    | 7    | -7.5%                          | 7      | 0.2%       | 9.8%                     | -4.5%        |
| CALIFORNIA        | 10   | 9    | 6    | 2    | 4    | 5    | 5    | 4.8%                           | 5      | 0.2%       | -6.1%                    | -12.9%       |
| GEORGIA           | 13   | 11   | 15   | 12   | 16   | 20   | 15   | -24.4%                         | 15     | 0.5%       | 3.7%                     | 13.8%        |
| IDAHO             | 18   | 10   | 12   | 16   | 21   | 14   | 10   | -25.1%                         | 15     | 0.5%       | -30.1%                   | 5.7%         |
| ILLINOIS          | 24   | 23   | 30   | 9    | 13   | 18   | 24   | 30.5%                          | 19     | 0.7%       | 26.5%                    | -4.7%        |
| IOWA              | 47   | 47   | 30   | 58   | 83   | 58   | 54   | -6.9%                          | 55     | 2.0%       | -2.0%                    | 4.4%         |
| KANSAS            | 25   | 20   | 13   | 17   | 12   | 15   | 20   | 35.3%                          | 15     | 0.6%       | 29.7%                    | -5.8%        |
| MAINE             | 23   | 20   | 18   | 21   | 20   | 22   | 23   | 5.0%                           | 20     | 0.7%       | 11.3%                    | 1.0%         |
| MICHIGAN          | 25   | 31   | 46   | 21   | 24   | 18   | 17   | -5.7%                          | 28     | 1.0%       | -38.4%                   | -10.2%       |
| MINNESOTA         | 118  | 103  | 90   | 90   | 153  | 64   | 111  | 74.8%                          | 100    | 3.7%       | 11.3%                    | -9.2%        |
| MISSOURI          | 17   | 12   | 10   | 4    | 6    | 13   | 12   | -7.8%                          | 9      | 0.3%       | 30.6%                    | 1.3%         |
| MONTANA           | 19   | 12   | 14   | 21   | 25   | 8    | 14   | 68.0%                          | 16     | 0.6%       | -15.0%                   | -7.9%        |
| NEBRASKA          | 22   | 25   | 22   | 16   | 27   | 21   | 22   | 6.4%                           | 22     | 0.8%       | 1.2%                     | -3.2%        |
| NEW YORK          | 48   | 28   | 34   | 34   | 25   | 29   | 18   | -36.2%                         | 30     | 1.1%       | -38.7%                   | 0.5%         |
| NORTH CAROLINA    | 8    | 10   | 11   | 7    | 12   | 14   | 10   | -26.8%                         | 11     | 0.4%       | -4.2%                    | 7.6%         |
| NORTH DAKOTA      | 105  | 67   | 125  | 144  | 119  | 58   | 117  | 102.1%                         | 103    | 3.7%       | 14.0%                    | -3.0%        |
| OHIO              | 27   | 20   | 28   | 17   | 13   | 19   | 16   | -20.2%                         | 20     | 0.7%       | -20.7%                   | -0.9%        |
| OKLAHOMA          | 5    | 10   | 7    | 18   | 7    | 4    | 7    | 67.1%                          | 9      | 0.3%       | -28.8%                   | -16.7%       |
| OREGON            | 13   | 12   | 7    | 13   | 10   | 5    | 9    | 75.5%                          | 9      | 0.3%       | -0.2%                    | -14.8%       |
| PENNSYLVANIA      | 49   | 34   | 23   | 38   | 40   | 34   | 38   | 11.7%                          | 34     | 1.2%       | 12.0%                    | 0.2%         |
| SOUTH DAKOTA      | 131  | 61   | 113  | 89   | 156  | 54   | 82   | 50.2%                          | 95     | 3.5%       | -13.8%                   | -2.2%        |
| TEXAS             | 44   | 39   | 36   | 29   | 39   | 23   | 30   | 30.5%                          | 33     | 1.2%       | -10.4%                   | -10.2%       |
| WISCONSIN         | 96   | 73   | 80   | 94   | 120  | 55   | 58   | 5.9%                           | 84     | 3.1%       | -31.0%                   | -5.5%        |
| US TOTAL          | 938  | 720  | 815  | 773  | 949  | 578  | 708  | -39.0%                         | 767    |            | -24.6%                   | 0.2%         |

### US Oat Percent of Seeded Area Harvested

| Percent        | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | Current chge<br>from last year | 5y avg | % of Total | Current chge<br>from avg | 5 yr<br>CAGR |
|----------------|------|------|------|------|------|------|------|--------------------------------|--------|------------|--------------------------|--------------|
|                | Mar  |      |      |      |      |      |      |                                |        |            |                          |              |
| ARKANSAS       | 73%  | 73%  | 70%  | 60%  | 63%  | 60%  | 65%  | 8.4%                           | 65%    | 0%         | 0.0%                     | -3.8%        |
| CALIFORNIA     | 10%  | 9%   | 5%   | 2%   | 5%   | 5%   | 5%   | 7.1%                           | 5%     | 0%         | 0.0%                     | -11.3%       |
| GEORGIA        | 33%  | 30%  | 25%  | 21%  | 25%  | 25%  | 25%  | 1.1%                           | 25%    | 0%         | 0.0%                     | -3.6%        |
| IDAHO          | 27%  | 20%  | 25%  | 20%  | 28%  | 26%  | 24%  | -8.5%                          | 24%    | 0%         | 0.0%                     | 5.4%         |
| ILLINOIS       | 44%  | 57%  | 63%  | 14%  | 25%  | 25%  | 37%  | 47.1%                          | 37%    | 0%         | 0.0%                     | -15.2%       |
| IOWA           | 36%  | 37%  | 24%  | 32%  | 43%  | 40%  | 35%  | -12.0%                         | 35%    | 0%         | 0.0%                     | 1.8%         |
| KANSAS         | 25%  | 25%  | 15%  | 15%  | 11%  | 17%  | 17%  | -3.6%                          | 17%    | 0%         | 0.0%                     | -7.0%        |
| MAINE          | 88%  | 95%  | 90%  | 86%  | 85%  | 86%  | 89%  | 2.7%                           | 89%    | 0%         | 0.0%                     | -2.0%        |
| MICHIGAN       | 46%  | 73%  | 67%  | 36%  | 43%  | 36%  | 51%  | 39.9%                          | 51%    | 0%         | 0.0%                     | -12.9%       |
| MINNESOTA      | 57%  | 56%  | 58%  | 42%  | 63%  | 43%  | 52%  | 22.2%                          | 52%    | 0%         | 0.0%                     | -5.2%        |
| MISSOURI       | 42%  | 43%  | 46%  | 12%  | 29%  | 30%  | 32%  | 6.4%                           | 32%    | 0%         | 0.0%                     | -7.1%        |
| MONTANA        | 47%  | 26%  | 33%  | 35%  | 54%  | 27%  | 35%  | 30.6%                          | 35%    | 0%         | 0.0%                     | 0.7%         |
| NEBRASKA       | 19%  | 32%  | 18%  | 15%  | 21%  | 22%  | 22%  | -0.7%                          | 22%    | 0%         | 0.0%                     | -7.4%        |
| NEW YORK       | 67%  | 64%  | 62%  | 70%  | 62%  | 53%  | 62%  | 17.5%                          | 62%    | 0%         | 0.0%                     | -3.7%        |
| NORTH CAROLINA | 26%  | 29%  | 37%  | 32%  | 32%  | 42%  | 34%  | -19.0%                         | 34%    | 0%         | 0.0%                     | 8.2%         |
| NORTH DAKOTA   | 38%  | 27%  | 35%  | 32%  | 29%  | 23%  | 29%  | 25.5%                          | 29%    | 0%         | 0.0%                     | -2.9%        |
| OHIO           | 50%  | 33%  | 55%  | 33%  | 27%  | 44%  | 39%  | -13.2%                         | 39%    | 0%         | 0.0%                     | 5.9%         |
| OKLAHOMA       | 12%  | 36%  | 20%  | 25%  | 10%  | 8%   | 20%  | 161.5%                         | 20%    | 0%         | 0.0%                     | -26.7%       |
| OREGON         | 33%  | 40%  | 25%  | 45%  | 35%  | 40%  | 37%  | -7.5%                          | 37%    | 0%         | 0.0%                     | 0.0%         |
| PENNSYLVANIA   | 59%  | 57%  | 54%  | 59%  | 64%  | 42%  | 55%  | 30.4%                          | 55%    | 0%         | 0.0%                     | -5.8%        |
| SOUTH DAKOTA   | 37%  | 21%  | 33%  | 31%  | 45%  | 26%  | 31%  | 19.2%                          | 31%    | 0%         | 0.0%                     | 4.7%         |
| TEXAS          | 13%  | 13%  | 11%  | 10%  | 13%  | 8%   | 11%  | 43.7%                          | 11%    | 0%         | 0.0%                     | -10.4%       |
| WISCONSIN      | 48%  | 47%  | 45%  | 45%  | 44%  | 35%  | 43%  | 24.0%                          | 43%    | 0%         | 0.0%                     | -5.9%        |
| US TOTAL       | 35%  | 31%  | 32%  | 29%  | 34%  | 25%  | 30%  | -24.2%                         | 30%    |            | -15.6%                   | -0.6%        |

### Regional US Seeded Oat Area

|                                | 2016         | 2017         | 2018         | 2019         | 2020         | 2021         | 2022         |     |                                |              |               |                          |              |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|--------------------------------|--------------|---------------|--------------------------|--------------|
| 000 Acres                      |              |              |              |              |              |              |              | Mar | Current chge<br>from last year | 5y avg       | % of Total    | Current chge<br>from avg | 5 yr<br>CAGR |
| <b>MIDWESTERN STATES</b>       |              |              |              |              |              |              |              |     |                                |              |               |                          |              |
| ILLINOIS                       | 45           | 35           | 40           | 70           | 60           | 60           | 60           |     | 0.0%                           | 53           | 1.9%          | 13.2%                    | 11.4%        |
| IOWA                           | 120          | 115          | 135          | 215          | 170          | 130          | 150          |     | 15.4%                          | 153          | 5.6%          | -2.0%                    | 2.5%         |
| KANSAS                         | 120          | 100          | 120          | 120          | 140          | 115          | 150          |     | 30.4%                          | 119          | 4.3%          | 26.1%                    | 2.8%         |
| MINNESOTA                      | 210          | 170          | 180          | 240          | 255          | 180          | 230          |     | 27.8%                          | 205          | 7.5%          | 12.2%                    | 1.1%         |
| NEBRASKA                       | 135          | 110          | 125          | 120          | 135          | 120          | 120          |     | 0.0%                           | 122          | 4.5%          | -1.6%                    | 1.8%         |
| NORTH DAKOTA                   | 290          | 295          | 300          | 355          | 365          | 355          | 390          |     | 9.9%                           | 334          | 12.2%         | 16.8%                    | 3.8%         |
| SOUTH DAKOTA                   | 295          | 290          | 290          | 245          | 310          | 215          | 240          |     | 11.6%                          | 270          | 9.9%          | -11.1%                   | -5.8%        |
| WISCONSIN                      | 210          | 180          | 200          | 265          | 300          | 175          | 155          |     | -11.4%                         | 224          | 8.2%          | -30.8%                   | -0.6%        |
| <b>MIDWESTERN STATES TOTAL</b> | <b>1,425</b> | <b>1,295</b> | <b>1,390</b> | <b>1,630</b> | <b>1,735</b> | <b>1,350</b> | <b>1,495</b> |     | <b>10.7%</b>                   | <b>1,480</b> | <b>54.0%</b>  | <b>1.0%</b>              | <b>0.8%</b>  |
| <b>EASTERN STATES</b>          |              |              |              |              |              |              |              |     |                                |              |               |                          |              |
| GEORGIA                        | 45           | 50           | 60           | 70           | 80           | 80           | 70           |     | -12.5%                         | 68           | 2.5%          | 2.9%                     | 9.9%         |
| MAINE                          | 25           | 22           | 21           | 22           | 26           | 22           | 25           |     | 13.6%                          | 23           | 0.8%          | 10.6%                    | 0.0%         |
| MICHIGAN                       | 65           | 55           | 75           | 70           | 70           | 55           | 40           |     | -27.3%                         | 65           | 2.4%          | -38.5%                   | 0.0%         |
| NEW YORK                       | 90           | 55           | 69           | 56           | 52           | 55           | 35           |     | -36.4%                         | 57           | 2.1%          | -39.0%                   | 0.0%         |
| NORTH CAROLINA                 | 35           | 35           | 30           | 22           | 37           | 33           | 30           |     | -9.1%                          | 31           | 1.1%          | -4.5%                    | -1.2%        |
| OHIO                           | 50           | 60           | 55           | 75           | 55           | 45           | 45           |     | 0.0%                           | 58           | 2.1%          | -22.4%                   | -5.6%        |
| PENNSYLVANIA                   | 85           | 70           | 65           | 85           | 86           | 85           | 87           |     | 2.4%                           | 78           | 2.9%          | 11.3%                    | 4.0%         |
| <b>EASTERN TOTAL</b>           | <b>395</b>   | <b>347</b>   | <b>375</b>   | <b>400</b>   | <b>406</b>   | <b>375</b>   | <b>332</b>   |     | <b>-11.5%</b>                  | <b>381</b>   | <b>13.9%</b>  | <b>-12.8%</b>            | <b>1.6%</b>  |
| <b>SOUTH CENTRAL STATES</b>    |              |              |              |              |              |              |              |     |                                |              |               |                          |              |
| ARKANSAS                       | 11           | 11           | 10           | 5            | 8            | 10           | 10           |     | 0.0%                           | 9            | 0.3%          | 13.6%                    | -1.9%        |
| MISSOURI                       | 45           | 30           | 35           | 50           | 35           | 50           | 50           |     | 0.0%                           | 40           | 1.5%          | 25.0%                    | 10.8%        |
| OKLAHOMA                       | 65           | 45           | 50           | 100          | 110          | 80           | 50           |     | -37.5%                         | 77           | 2.8%          | -35.1%                   | 12.2%        |
| TEXAS                          | 470          | 455          | 450          | 400          | 470          | 460          | 400          |     | -13.0%                         | 447          | 16.3%         | -10.5%                   | 0.2%         |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>591</b>   | <b>541</b>   | <b>545</b>   | <b>555</b>   | <b>623</b>   | <b>600</b>   | <b>510</b>   |     | <b>-15.0%</b>                  | <b>573</b>   | <b>20.9%</b>  | <b>-11.0%</b>            | <b>2.1%</b>  |
| <b>WESTERN STATES</b>          |              |              |              |              |              |              |              |     |                                |              |               |                          |              |
| CALIFORNIA                     | 110          | 110          | 110          | 90           | 80           | 100          | 95           |     | -5.0%                          | 98           | 3.6%          | -3.1%                    | -1.9%        |
| IDAHO                          | 55           | 50           | 40           | 60           | 50           | 50           | 35           |     | -30.0%                         | 50           | 1.8%          | -30.0%                   | 0.0%         |
| MONTANA                        | 60           | 70           | 70           | 75           | 70           | 60           | 60           |     | 0.0%                           | 69           | 2.5%          | -13.0%                   | -3.0%        |
| OREGON                         | 30           | 25           | 20           | 20           | 20           | 15           | 20           |     | 33.3%                          | 20           | 0.7%          | 0.0%                     | -9.7%        |
| <b>WESTERN TOTAL</b>           | <b>255</b>   | <b>255</b>   | <b>240</b>   | <b>245</b>   | <b>220</b>   | <b>225</b>   | <b>210</b>   |     | <b>-6.7%</b>                   | <b>237</b>   | <b>8.7%</b>   | <b>-11.4%</b>            | <b>-2.5%</b> |
| <b>US TOTAL</b>                | <b>2,829</b> | <b>2,589</b> | <b>2,746</b> | <b>2,830</b> | <b>2,984</b> | <b>2,550</b> | <b>2,547</b> |     | <b>-0.1%</b>                   | <b>2,740</b> | <b>100.0%</b> | <b>-7.0%</b>             | <b>-0.3%</b> |

## Regional US Harvested Oat Area

|                                | 2016       | 2017       | 2018       | 2019       | 2020         | 2021       | 2022       | Current chge<br>from last year | 5y avg     | % of Total   | Current chge<br>from avg | 5 yr<br>CAGR |
|--------------------------------|------------|------------|------------|------------|--------------|------------|------------|--------------------------------|------------|--------------|--------------------------|--------------|
| 000 Acres                      |            |            |            |            |              |            |            |                                |            |              |                          |              |
| <b>MIDWESTERN STATES</b>       |            |            |            |            |              |            |            |                                |            |              |                          |              |
| ILLINOIS                       | 20         | 20         | 25         | 10         | 15           | 15         | 22         | 47.1%                          | 17         | 0.6%         | 29.8%                    | -5.6%        |
| IOWA                           | 43         | 42         | 33         | 69         | 73           | 52         | 53         | 1.5%                           | 54         | 2.0%         | -1.9%                    | 4.4%         |
| KANSAS                         | 30         | 25         | 18         | 18         | 16           | 20         | 25         | 25.7%                          | 19         | 0.7%         | 29.6%                    | -4.4%        |
| MINNESOTA                      | 120        | 95         | 105        | 100        | 160          | 77         | 120        | 56.2%                          | 107        | 3.9%         | 12.0%                    | -4.1%        |
| NEBRASKA                       | 25         | 35         | 22         | 18         | 29           | 26         | 26         | -0.7%                          | 26         | 0.9%         | -0.7%                    | -5.8%        |
| NORTH DAKOTA                   | 110        | 80         | 105        | 115        | 105          | 83         | 114        | 37.8%                          | 98         | 3.6%         | 17.2%                    | 0.7%         |
| SOUTH DAKOTA                   | 110        | 60         | 95         | 75         | 140          | 56         | 75         | 33.1%                          | 85         | 3.1%         | -12.5%                   | -1.4%        |
| WISCONSIN                      | 100        | 85         | 90         | 120        | 131          | 61         | 67         | 9.8%                           | 97         | 3.6%         | -31.2%                   | -6.4%        |
| <b>MIDWESTERN STATES TOTAL</b> | <b>558</b> | <b>442</b> | <b>493</b> | <b>525</b> | <b>669</b>   | <b>390</b> | <b>502</b> | <b>28.7%</b>                   | <b>504</b> | <b>18.4%</b> | <b>-0.4%</b>             | <b>-2.5%</b> |
| <b>EASTERN STATES</b>          |            |            |            |            |              |            |            |                                |            |              |                          |              |
| GEORGIA                        | 15         | 15         | 15         | 15         | 20           | 20         | 18         | -11.5%                         | 17         | 0.6%         | 4.1%                     | 5.9%         |
| MAINE                          | 22         | 21         | 19         | 19         | 22           | 19         | 22         | 16.7%                          | 20         | 0.7%         | 10.8%                    | -2.0%        |
| MICHIGAN                       | 30         | 40         | 50         | 25         | 30           | 20         | 20         | 1.7%                           | 33         | 1.2%         | -38.3%                   | -12.9%       |
| NEW YORK                       | 60         | 35         | 43         | 39         | 32           | 29         | 22         | -25.2%                         | 36         | 1.3%         | -39.1%                   | -3.7%        |
| NORTH CAROLINA                 | 9          | 10         | 11         | 7          | 12           | 14         | 10         | -26.3%                         | 11         | 0.4%         | -4.5%                    | 7.0%         |
| OHIO                           | 25         | 20         | 30         | 25         | 15           | 20         | 17         | -13.2%                         | 22         | 0.8%         | -21.1%                   | 0.0%         |
| PENNSYLVANIA                   | 50         | 40         | 35         | 50         | 55           | 36         | 48         | 33.5%                          | 43         | 1.6%         | 11.2%                    | -2.1%        |
| <b>EASTERN TOTAL</b>           | <b>211</b> | <b>181</b> | <b>203</b> | <b>180</b> | <b>186</b>   | <b>158</b> | <b>158</b> | <b>-0.2%</b>                   | <b>182</b> | <b>6.6%</b>  | <b>-13.2%</b>            | <b>-2.7%</b> |
| <b>SOUTH CENTRAL STATES</b>    |            |            |            |            |              |            |            |                                |            |              |                          |              |
| ARKANSAS                       | 8          | 8          | 7          | 3          | 5            | 6          | 7          | 8.4%                           | 6          | 0.2%         | 12.1%                    | -5.6%        |
| MISSOURI                       | 19         | 13         | 16         | 6          | 10           | 15         | 16         | 6.4%                           | 12         | 0.4%         | 33.0%                    | 2.9%         |
| OKLAHOMA                       | 8          | 16         | 10         | 25         | 11           | 6          | 10         | 63.4%                          | 14         | 0.5%         | -27.9%                   | -17.8%       |
| TEXAS                          | 60         | 60         | 50         | 40         | 60           | 35         | 44         | 25.0%                          | 49         | 1.8%         | -10.7%                   | -10.2%       |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>95</b>  | <b>97</b>  | <b>83</b>  | <b>74</b>  | <b>86</b>    | <b>62</b>  | <b>76</b>  | <b>22.6%</b>                   | <b>80</b>  | <b>2.9%</b>  | <b>-5.5%</b>             | <b>-8.6%</b> |
| <b>WESTERN STATES</b>          |            |            |            |            |              |            |            |                                |            |              |                          |              |
| CALIFORNIA                     | 11         | 10         | 6          | 2          | 4            | 5          | 5          | 1.7%                           | 5          | 0.2%         | -5.8%                    | -12.9%       |
| IDAHO                          | 15         | 10         | 10         | 12         | 14           | 13         | 8          | -35.9%                         | 12         | 0.4%         | -29.4%                   | 5.4%         |
| MONTANA                        | 28         | 18         | 23         | 26         | 38           | 16         | 21         | 30.6%                          | 24         | 0.9%         | -13.6%                   | -2.3%        |
| OREGON                         | 10         | 10         | 5          | 9          | 7            | 6          | 7          | 23.3%                          | 7          | 0.3%         | 0.0%                     | -9.7%        |
| <b>WESTERN TOTAL</b>           | <b>64</b>  | <b>48</b>  | <b>44</b>  | <b>49</b>  | <b>63</b>    | <b>40</b>  | <b>42</b>  | <b>4.3%</b>                    | <b>49</b>  | <b>1.8%</b>  | <b>-14.5%</b>            | <b>-3.6%</b> |
| <b>US TOTAL</b>                | <b>979</b> | <b>804</b> | <b>865</b> | <b>828</b> | <b>1,004</b> | <b>650</b> | <b>769</b> | <b>18.3%</b>                   | <b>830</b> | <b>30.3%</b> | <b>-7.4%</b>             | <b>-4.2%</b> |

## Regional US Oat Yield

| Bu/Ac                          | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | Current chge<br>from last year | 5y avg    | % of Total  | Current chge<br>from avg | 5 yr<br>CAGR |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------|-----------|-------------|--------------------------|--------------|
| <b>MIDWESTERN STATES</b>       |           |           |           |           |           |           |           |                                |           |             |                          |              |
| ILLINOIS                       | 81        | 79        | 83        | 65        | 58        | 83        | 74        | -11.3%                         | 74        | 2.7%        | 0.0%                     | 1.0%         |
| IOWA                           | 76        | 77        | 63        | 58        | 78        | 77        | 71        | -8.3%                          | 71        | 2.6%        | 0.0%                     | 0.0%         |
| KANSAS                         | 57        | 54        | 49        | 64        | 52        | 50        | 54        | 7.6%                           | 54        | 2.0%        | 0.0%                     | -1.5%        |
| MINNESOTA                      | 68        | 75        | 59        | 62        | 66        | 57        | 64        | 11.9%                          | 64        | 2.3%        | 0.0%                     | -5.3%        |
| NEBRASKA                       | 60        | 49        | 69        | 63        | 63        | 56        | 60        | 7.1%                           | 60        | 2.2%        | 0.0%                     | 2.7%         |
| NORTH DAKOTA                   | 66        | 58        | 82        | 86        | 78        | 48        | 70        | 46.7%                          | 70        | 2.6%        | 0.0%                     | -3.7%        |
| SOUTH DAKOTA                   | 82        | 70        | 82        | 82        | 77        | 67        | 76        | 12.8%                          | 76        | 2.8%        | 0.0%                     | -0.9%        |
| WISCONSIN                      | 66        | 59        | 61        | 54        | 63        | 62        | 60        | -3.5%                          | 60        | 2.2%        | 0.0%                     | 1.0%         |
| <b>MIDWESTERN STATES TOTAL</b> | <b>70</b> | <b>65</b> | <b>70</b> | <b>68</b> | <b>70</b> | <b>61</b> | <b>67</b> | <b>10.6%</b>                   | <b>67</b> | <b>2.4%</b> | <b>0.2%</b>              | <b>-1.5%</b> |
| <b>EASTERN STATES</b>          |           |           |           |           |           |           |           |                                |           |             |                          |              |
| GEORGIA                        | 58        | 49        | 71        | 55        | 54        | 70        | 60        | -14.6%                         | 60        | 2.2%        | 0.0%                     | 7.4%         |
| MAINE                          | 71        | 67        | 67        | 76        | 63        | 78        | 70        | -10.0%                         | 70        | 2.6%        | 0.0%                     | 3.1%         |
| MICHIGAN                       | 58        | 54        | 63        | 57        | 55        | 63        | 58        | -7.3%                          | 58        | 2.1%        | 0.0%                     | 3.1%         |
| NEW YORK                       | 55        | 55        | 54        | 60        | 53        | 68        | 58        | -14.7%                         | 58        | 2.1%        | 0.0%                     | 4.3%         |
| NORTH CAROLINA                 | 60        | 66        | 66        | 71        | 67        | 68        | 68        | -0.6%                          | 68        | 2.5%        | 0.0%                     | 0.6%         |
| OHIO                           | 74        | 70        | 65        | 46        | 60        | 67        | 62        | -8.1%                          | 62        | 2.2%        | 0.0%                     | -0.9%        |
| PENNSYLVANIA                   | 67        | 58        | 46        | 53        | 50        | 65        | 54        | -16.3%                         | 54        | 2.0%        | 0.0%                     | 2.3%         |
| <b>EASTERN TOTAL</b>           | <b>63</b> | <b>59</b> | <b>60</b> | <b>57</b> | <b>55</b> | <b>68</b> | <b>60</b> | <b>-11.9%</b>                  | <b>60</b> | <b>2.2%</b> | <b>0.2%</b>              | <b>3.0%</b>  |
| <b>SOUTH CENTRAL STATES</b>    |           |           |           |           |           |           |           |                                |           |             |                          |              |
| ARKANSAS                       | 73        | 85        | 75        | 70        | 64        | 90        | 77        | -14.7%                         | 77        | 2.8%        | 0.0%                     | 1.1%         |
| MISSOURI                       | 60        | 65        | 45        | 47        | 43        | 60        | 52        | -13.3%                         | 52        | 1.9%        | 0.0%                     | -1.6%        |
| OKLAHOMA                       | 43        | 42        | 48        | 50        | 45        | 45        | 46        | 2.2%                           | 46        | 1.7%        | 0.0%                     | 1.4%         |
| TEXAS                          | 50        | 45        | 50        | 50        | 45        | 45        | 47        | 4.4%                           | 47        | 1.7%        | 0.0%                     | 0.0%         |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>53</b> | <b>50</b> | <b>51</b> | <b>51</b> | <b>46</b> | <b>53</b> | <b>50</b> | <b>-4.7%</b>                   | <b>50</b> | <b>1.8%</b> | <b>0.6%</b>              | <b>1.0%</b>  |
| <b>WESTERN STATES</b>          |           |           |           |           |           |           |           |                                |           |             |                          |              |
| CALIFORNIA                     | 65        | 65        | 70        | 60        | 75        | 65        | 67        | 3.1%                           | 67        | 2.4%        | 0.0%                     | 0.0%         |
| IDAHO                          | 83        | 71        | 84        | 92        | 102       | 72        | 84        | 16.9%                          | 84        | 3.1%        | 0.0%                     | 0.3%         |
| MONTANA                        | 47        | 47        | 43        | 55        | 45        | 35        | 45        | 28.6%                          | 45        | 1.6%        | 0.0%                     | -5.7%        |
| OREGON                         | 90        | 83        | 99        | 97        | 100       | 62        | 88        | 42.3%                          | 88        | 3.2%        | 0.0%                     | -5.7%        |
| <b>WESTERN TOTAL</b>           | <b>65</b> | <b>63</b> | <b>62</b> | <b>72</b> | <b>66</b> | <b>55</b> | <b>63</b> | <b>15.2%</b>                   | <b>64</b> | <b>2.3%</b> | <b>-0.7%</b>             | <b>-2.8%</b> |
| <b>US TOTAL</b>                | <b>66</b> | <b>62</b> | <b>65</b> | <b>64</b> | <b>65</b> | <b>61</b> | <b>63</b> | <b>3.5%</b>                    | <b>63</b> | <b>2.3%</b> | <b>0.0%</b>              | <b>-0.1%</b> |
|                                |           |           |           |           |           |           |           | 0.0%                           | #DIV/0!   | #DIV/0!     | #DIV/0!                  |              |

## Regional US Oat Production - Bushels

|                                | 2016          | 2017          | 2018          | 2019          | 2020          | 2021          | 2022          | Current chge<br>from last year | 5y avg        | % of Total     | Current chge<br>from avg | 5 yr<br>CAGR |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------------------------|---------------|----------------|--------------------------|--------------|
| 000 Bushels                    |               |               |               |               |               |               |               |                                |               |                |                          |              |
| <b>MIDWESTERN STATES</b>       |               |               |               |               |               |               |               |                                |               |                |                          |              |
| ILLINOIS                       | 1,620         | 1,580         | 2,075         | 650           | 870           | 1,245         | 1,624         | 30.5%                          | 1,284         | 46.9%          | 26.5%                    | -4.7%        |
| IOWA                           | 3,268         | 3,234         | 2,079         | 4,002         | 5,694         | 4,004         | 3,728         | -6.9%                          | 3,803         | 138.8%         | -2.0%                    | 4.4%         |
| KANSAS                         | 1,710         | 1,350         | 882           | 1,152         | 832           | 1,000         | 1,353         | 35.3%                          | 1,043         | 38.1%          | 29.7%                    | -5.8%        |
| MINNESOTA                      | 8,160         | 7,125         | 6,195         | 6,200         | 10,560        | 4,389         | 7,672         | 74.8%                          | 6,894         | 251.6%         | 11.3%                    | -9.2%        |
| NEBRASKA                       | 1,500         | 1,715         | 1,518         | 1,134         | 1,827         | 1,456         | 1,549         | 6.4%                           | 1,530         | 55.8%          | 1.2%                     | -3.2%        |
| NORTH DAKOTA                   | 7,260         | 4,640         | 8,610         | 9,890         | 8,190         | 3,984         | 8,053         | 102.1%                         | 7,063         | 257.8%         | 14.0%                    | -3.0%        |
| SOUTH DAKOTA                   | 9,020         | 4,200         | 7,790         | 6,150         | 10,780        | 3,752         | 5,634         | 50.2%                          | 6,534         | 238.5%         | -13.8%                   | -2.2%        |
| WISCONSIN                      | 6,600         | 5,015         | 5,490         | 6,480         | 8,253         | 3,782         | 4,005         | 5.9%                           | 5,804         | 211.8%         | -31.0%                   | -5.5%        |
| <b>MIDWESTERN STATES TOTAL</b> | <b>39,138</b> | <b>28,859</b> | <b>34,639</b> | <b>35,658</b> | <b>47,006</b> | <b>23,612</b> | <b>33,618</b> | <b>42.4%</b>                   | <b>33,955</b> | <b>1239.3%</b> | <b>-1.0%</b>             | <b>-3.9%</b> |
| <b>EASTERN STATES</b>          |               |               |               |               |               |               |               |                                |               |                |                          |              |
| GEORGIA                        | 870           | 735           | 1,065         | 825           | 1,080         | 1,400         | 1,058         | -24.4%                         | 1,021         | 37.3%          | 3.7%                     | 13.8%        |
| MAINE                          | 1,562         | 1,407         | 1,273         | 1,444         | 1,386         | 1,482         | 1,556         | 5.0%                           | 1,398         | 51.0%          | 11.3%                    | 1.0%         |
| MICHIGAN                       | 1,740         | 2,160         | 3,150         | 1,425         | 1,650         | 1,260         | 1,188         | -5.7%                          | 1,929         | 70.4%          | -38.4%                   | -10.2%       |
| NEW YORK                       | 3,300         | 1,925         | 2,322         | 2,340         | 1,696         | 1,972         | 1,258         | -36.2%                         | 2,051         | 74.9%          | -38.7%                   | 0.5%         |
| NORTH CAROLINA                 | 540           | 660           | 726           | 497           | 804           | 952           | 697           | -26.8%                         | 728           | 26.6%          | -4.2%                    | 7.6%         |
| OHIO                           | 1,850         | 1,400         | 1,950         | 1,150         | 900           | 1,340         | 1,070         | -20.2%                         | 1,348         | 49.2%          | -20.7%                   | -0.9%        |
| PENNSYLVANIA                   | 3,350         | 2,320         | 1,610         | 2,650         | 2,750         | 2,340         | 2,614         | 11.7%                          | 2,334         | 85.2%          | 12.0%                    | 0.2%         |
| <b>EASTERN TOTAL</b>           | <b>13,212</b> | <b>10,607</b> | <b>12,096</b> | <b>10,331</b> | <b>10,266</b> | <b>10,746</b> | <b>9,441</b>  | <b>-12.1%</b>                  | <b>10,809</b> | <b>394.5%</b>  | <b>-12.7%</b>            | <b>0.3%</b>  |
| <b>SOUTH CENTRAL STATES</b>    |               |               |               |               |               |               |               |                                |               |                |                          |              |
| ARKANSAS                       | 584           | 680           | 525           | 210           | 320           | 540           | 500           | -7.5%                          | 455           | 16.6%          | 9.8%                     | -4.5%        |
| MISSOURI                       | 1,140         | 845           | 720           | 282           | 430           | 900           | 830           | -7.8%                          | 635           | 23.2%          | 30.6%                    | 1.3%         |
| OKLAHOMA                       | 344           | 672           | 480           | 1,250         | 495           | 270           | 451           | 67.1%                          | 633           | 23.1%          | -28.8%                   | -16.7%       |
| TEXAS                          | 3,000         | 2,700         | 2,500         | 2,000         | 2,700         | 1,575         | 2,056         | 30.5%                          | 2,295         | 83.8%          | -10.4%                   | -10.2%       |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>5,068</b>  | <b>4,897</b>  | <b>4,225</b>  | <b>3,742</b>  | <b>3,945</b>  | <b>3,285</b>  | <b>3,836</b>  | <b>16.8%</b>                   | <b>4,019</b>  | <b>146.7%</b>  | <b>-4.5%</b>             | <b>-7.7%</b> |
| <b>WESTERN STATES</b>          |               |               |               |               |               |               |               |                                |               |                |                          |              |
| CALIFORNIA                     | 715           | 650           | 420           | 120           | 300           | 325           | 341           | 4.8%                           | 363           | 13.2%          | -6.1%                    | -12.9%       |
| IDAHO                          | 1,245         | 710           | 840           | 1,104         | 1,428         | 936           | 701           | -25.1%                         | 1,004         | 36.6%          | -30.1%                   | 5.7%         |
| MONTANA                        | 1,316         | 846           | 989           | 1,430         | 1,710         | 560           | 941           | 68.0%                          | 1,107         | 40.4%          | -15.0%                   | -7.9%        |
| OREGON                         | 900           | 830           | 495           | 873           | 700           | 372           | 653           | 75.5%                          | 654           | 23.9%          | -0.2%                    | -14.8%       |
| <b>WESTERN TOTAL</b>           | <b>4,176</b>  | <b>3,036</b>  | <b>2,744</b>  | <b>3,527</b>  | <b>4,138</b>  | <b>2,193</b>  | <b>2,635</b>  | <b>20.2%</b>                   | <b>3,128</b>  | <b>114.2%</b>  | <b>-15.7%</b>            | <b>-6.3%</b> |
| <b>US TOTAL</b>                | <b>64,628</b> | <b>49,585</b> | <b>56,130</b> | <b>53,258</b> | <b>65,355</b> | <b>39,836</b> | <b>48,797</b> | <b>22.5%</b>                   | <b>52,833</b> | <b>1928.3%</b> | <b>-7.6%</b>             | <b>-4.3%</b> |



## Regional US Oat Production-Metric Tonnes

|                                | 2016       | 2017       | 2018       | 2019       | 2020       | 2021       | 2022       | Current chge<br>from last year | 5y avg     | % of Total   | Current chge<br>from avg | 5 yr<br>CAGR |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|--------------------------------|------------|--------------|--------------------------|--------------|
| 000 Metric Tonnes              |            |            |            |            |            |            |            |                                |            |              |                          |              |
| <b>MIDWESTERN STATES</b>       |            |            |            |            |            |            |            |                                |            |              |                          |              |
| ILLINOIS                       | 24         | 23         | 30         | 9          | 13         | 18         | 24         | 30.5%                          | 19         | 0.7%         | 26.5%                    | -4.7%        |
| IOWA                           | 47         | 47         | 30         | 58         | 83         | 58         | 54         | -6.9%                          | 55         | 2.0%         | -2.0%                    | 4.4%         |
| KANSAS                         | 25         | 20         | 13         | 17         | 12         | 15         | 20         | 35.3%                          | 15         | 0.6%         | 29.7%                    | -5.8%        |
| MINNESOTA                      | 118        | 103        | 90         | 90         | 153        | 64         | 111        | 74.8%                          | 100        | 3.7%         | 11.3%                    | -9.2%        |
| NEBRASKA                       | 22         | 25         | 22         | 16         | 27         | 21         | 22         | 6.4%                           | 22         | 0.8%         | 1.2%                     | -3.2%        |
| NORTH DAKOTA                   | 105        | 67         | 125        | 144        | 119        | 58         | 117        | 102.1%                         | 103        | 3.7%         | 14.0%                    | -3.0%        |
| SOUTH DAKOTA                   | 131        | 61         | 113        | 89         | 156        | 54         | 82         | 50.2%                          | 95         | 3.5%         | -13.8%                   | -2.2%        |
| WISCONSIN                      | 96         | 73         | 80         | 94         | 120        | 55         | 58         | 5.9%                           | 84         | 3.1%         | -31.0%                   | -5.5%        |
| <b>MIDWESTERN STATES TOTAL</b> | <b>568</b> | <b>419</b> | <b>503</b> | <b>518</b> | <b>682</b> | <b>343</b> | <b>488</b> | <b>42.4%</b>                   | <b>493</b> | <b>18.0%</b> | <b>-1.0%</b>             | <b>-3.9%</b> |
| <b>EASTERN STATES</b>          |            |            |            |            |            |            |            |                                |            |              |                          |              |
| GEORGIA                        | 13         | 11         | 15         | 12         | 16         | 20         | 15         | -24.4%                         | 15         | 0.5%         | 3.7%                     | 13.8%        |
| MAINE                          | 23         | 20         | 18         | 21         | 20         | 22         | 23         | 5.0%                           | 20         | 0.7%         | 11.3%                    | 1.0%         |
| MICHIGAN                       | 25         | 31         | 46         | 21         | 24         | 18         | 17         | -5.7%                          | 28         | 1.0%         | -38.4%                   | -10.2%       |
| NEW YORK                       | 48         | 28         | 34         | 34         | 25         | 29         | 18         | -36.2%                         | 30         | 1.1%         | -38.7%                   | 0.5%         |
| NORTH CAROLINA                 | 8          | 10         | 11         | 7          | 12         | 14         | 10         | -26.8%                         | 11         | 0.4%         | -4.2%                    | 7.6%         |
| OHIO                           | 27         | 20         | 28         | 17         | 13         | 19         | 16         | -20.2%                         | 20         | 0.7%         | -20.7%                   | -0.9%        |
| PENNSYLVANIA                   | 49         | 34         | 23         | 38         | 40         | 34         | 38         | 11.7%                          | 34         | 1.2%         | 12.0%                    | 0.2%         |
| <b>EASTERN TOTAL</b>           | <b>192</b> | <b>154</b> | <b>176</b> | <b>150</b> | <b>149</b> | <b>156</b> | <b>137</b> | <b>-12.1%</b>                  | <b>157</b> | <b>5.7%</b>  | <b>-12.7%</b>            | <b>0.3%</b>  |
| <b>SOUTH CENTRAL STATES</b>    |            |            |            |            |            |            |            |                                |            |              |                          |              |
| ARKANSAS                       | 8          | 10         | 8          | 3          | 5          | 8          | 7          | -7.5%                          | 7          | 0.2%         | 9.8%                     | -4.5%        |
| MISSOURI                       | 17         | 12         | 10         | 4          | 6          | 13         | 12         | -7.8%                          | 9          | 0.3%         | 30.6%                    | 1.3%         |
| OKLAHOMA                       | 5          | 10         | 7          | 18         | 7          | 4          | 7          | 67.1%                          | 9          | 0.3%         | -28.8%                   | -16.7%       |
| TEXAS                          | 44         | 39         | 36         | 29         | 39         | 23         | 30         | 30.5%                          | 33         | 1.2%         | -10.4%                   | -10.2%       |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>74</b>  | <b>71</b>  | <b>61</b>  | <b>54</b>  | <b>57</b>  | <b>48</b>  | <b>56</b>  | <b>16.8%</b>                   | <b>58</b>  | <b>2.1%</b>  | <b>-4.5%</b>             | <b>-7.7%</b> |
| <b>WESTERN STATES</b>          |            |            |            |            |            |            |            |                                |            |              |                          |              |
| CALIFORNIA                     | 10         | 9          | 6          | 2          | 4          | 5          | 5          | 4.8%                           | 5          | 0.2%         | -6.1%                    | -12.9%       |
| IDAHO                          | 18         | 10         | 12         | 16         | 21         | 14         | 10         | -25.1%                         | 15         | 0.5%         | -30.1%                   | 5.7%         |
| MONTANA                        | 19         | 12         | 14         | 21         | 25         | 8          | 14         | 68.0%                          | 16         | 0.6%         | -15.0%                   | -7.9%        |
| OREGON                         | 13         | 12         | 7          | 13         | 10         | 5          | 9          | 75.5%                          | 9          | 0.3%         | -0.2%                    | -14.8%       |
| <b>WESTERN TOTAL</b>           | <b>61</b>  | <b>44</b>  | <b>40</b>  | <b>51</b>  | <b>60</b>  | <b>32</b>  | <b>38</b>  | <b>20.2%</b>                   | <b>45</b>  | <b>1.7%</b>  | <b>-15.7%</b>            | <b>-6.3%</b> |
| <b>US TOTAL</b>                | <b>938</b> | <b>720</b> | <b>815</b> | <b>773</b> | <b>949</b> | <b>578</b> | <b>708</b> | <b>22.5%</b>                   | <b>767</b> | <b>28.0%</b> | <b>-7.6%</b>             | <b>-4.3%</b> |

### Regional US Oat Percent of Seeded Area Harvested

| Percent                        | 2016       | 2017       | 2018       | 2019       | 2020       | 2021       | 2022       | Current chge<br>from last year | 5y avg     | % of Total  | Current chge<br>from avg | 5 yr<br>CAGR  |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|--------------------------------|------------|-------------|--------------------------|---------------|
| <b>MIDWESTERN STATES</b>       |            |            |            |            |            |            |            |                                |            |             |                          |               |
| ILLINOIS                       | 44%        | 57%        | 63%        | 14%        | 25%        | 25%        | 37%        | 47.1%                          | 37%        | 0%          | 0.0%                     | -15.2%        |
| IOWA                           | 36%        | 37%        | 24%        | 32%        | 43%        | 40%        | 35%        | -12.0%                         | 35%        | 0%          | 0.0%                     | 1.8%          |
| KANSAS                         | 25%        | 25%        | 15%        | 15%        | 11%        | 17%        | 17%        | -3.6%                          | 17%        | 0%          | 0.0%                     | -7.0%         |
| MINNESOTA                      | 57%        | 56%        | 58%        | 42%        | 63%        | 43%        | 52%        | 22.2%                          | 52%        | 0%          | 0.0%                     | -5.2%         |
| NEBRASKA                       | 19%        | 32%        | 18%        | 15%        | 21%        | 22%        | 22%        | -0.7%                          | 22%        | 0%          | 0.0%                     | -7.4%         |
| NORTH DAKOTA                   | 38%        | 27%        | 35%        | 32%        | 29%        | 23%        | 29%        | 25.5%                          | 29%        | 0%          | 0.0%                     | -2.9%         |
| SOUTH DAKOTA                   | 37%        | 21%        | 33%        | 31%        | 45%        | 26%        | 31%        | 19.2%                          | 31%        | 0%          | 0.0%                     | 4.7%          |
| WISCONSIN                      | 48%        | 47%        | 45%        | 45%        | 44%        | 35%        | 43%        | 24.0%                          | 43%        | 0%          | 0.0%                     | -5.9%         |
| <b>MIDWESTERN STATES TOTAL</b> | <b>39%</b> | <b>34%</b> | <b>35%</b> | <b>32%</b> | <b>39%</b> | <b>29%</b> | <b>34%</b> | <b>16.2%</b>                   | <b>34%</b> | <b>0.0%</b> | <b>-0.8%</b>             | <b>-3.3%</b>  |
| <b>EASTERN STATES</b>          |            |            |            |            |            |            |            |                                |            |             |                          |               |
| GEORGIA                        | 33%        | 30%        | 25%        | 21%        | 25%        | 25%        | 25%        | 1.1%                           | 25%        | 0%          | 0.0%                     | -3.6%         |
| MAINE                          | 88%        | 95%        | 90%        | 86%        | 85%        | 86%        | 89%        | 2.7%                           | 89%        | 0%          | -0.0%                    | -2.0%         |
| MICHIGAN                       | 46%        | 73%        | 67%        | 36%        | 43%        | 36%        | 51%        | 39.9%                          | 51%        | 0%          | 0.0%                     | -12.9%        |
| NEW YORK                       | 67%        | 64%        | 62%        | 70%        | 62%        | 53%        | 62%        | 17.5%                          | 62%        | 0%          | 0.0%                     | -3.7%         |
| NORTH CAROLINA                 | 26%        | 29%        | 37%        | 32%        | 32%        | 42%        | 34%        | -19.0%                         | 34%        | 0%          | 0.0%                     | 8.2%          |
| OHIO                           | 50%        | 33%        | 55%        | 33%        | 27%        | 44%        | 39%        | -13.2%                         | 39%        | 0%          | 0.0%                     | 5.9%          |
| PENNSYLVANIA                   | 59%        | 57%        | 54%        | 59%        | 64%        | 42%        | 55%        | 30.4%                          | 55%        | 0%          | 0.0%                     | -5.8%         |
| <b>EASTERN TOTAL</b>           | <b>53%</b> | <b>52%</b> | <b>54%</b> | <b>45%</b> | <b>46%</b> | <b>42%</b> | <b>47%</b> | <b>12.7%</b>                   | <b>48%</b> | <b>0.0%</b> | <b>-0.8%</b>             | <b>-4.2%</b>  |
| <b>SOUTH CENTRAL STATES</b>    |            |            |            |            |            |            |            |                                |            |             |                          |               |
| ARKANSAS                       | 73%        | 73%        | 70%        | 60%        | 63%        | 60%        | 65%        | 8.4%                           | 65%        | 0.0%        | 0.0%                     | -3.8%         |
| MISSOURI                       | 42%        | 43%        | 46%        | 12%        | 29%        | 30%        | 32%        | 6.4%                           | 32%        | 0.0%        | 0.0%                     | -7.1%         |
| OKLAHOMA                       | 12%        | 36%        | 20%        | 25%        | 10%        | 8%         | 20%        | 161.5%                         | 20%        | 0.0%        | 0.0%                     | -26.7%        |
| TEXAS                          | 13%        | 13%        | 11%        | 10%        | 13%        | 8%         | 11%        | 43.7%                          | 11%        | 0.0%        | 0.0%                     | -10.4%        |
| <b>SOUTH CENTRAL TOTAL</b>     | <b>16%</b> | <b>18%</b> | <b>15%</b> | <b>13%</b> | <b>14%</b> | <b>10%</b> | <b>15%</b> | <b>44.2%</b>                   | <b>14%</b> | <b>0.0%</b> | <b>5.5%</b>              | <b>-10.4%</b> |
| <b>WESTERN STATES</b>          |            |            |            |            |            |            |            |                                |            |             |                          |               |
| CALIFORNIA                     | 10%        | 9%         | 5%         | 2%         | 5%         | 5%         | 5%         | 7.1%                           | 5%         | 0.0%        | 0.0%                     | -11.3%        |
| IDAHO                          | 27%        | 20%        | 25%        | 20%        | 28%        | 26%        | 24%        | -8.5%                          | 24%        | 0.0%        | 0.0%                     | 5.4%          |
| MONTANA                        | 47%        | 26%        | 33%        | 35%        | 54%        | 27%        | 35%        | 30.6%                          | 35%        | 0.0%        | 0.0%                     | 0.7%          |
| OREGON                         | 33%        | 40%        | 25%        | 45%        | 35%        | 40%        | 37%        | -7.5%                          | 37%        | 0.0%        | 0.0%                     | 0.0%          |
| <b>WESTERN TOTAL</b>           | <b>25%</b> | <b>19%</b> | <b>18%</b> | <b>20%</b> | <b>29%</b> | <b>18%</b> | <b>20%</b> | <b>11.7%</b>                   | <b>21%</b> | <b>0.0%</b> | <b>-4.1%</b>             | <b>-1.1%</b>  |
| <b>US TOTAL</b>                | <b>35%</b> | <b>31%</b> | <b>32%</b> | <b>29%</b> | <b>34%</b> | <b>25%</b> | <b>30%</b> | <b>18.4%</b>                   | <b>30%</b> | <b>0%</b>   | <b>0.0%</b>              | <b>-3.9%</b>  |