## USDA

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Department of Agriculture

## Agricultural Land Values

## National

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## Average Farm Real Estate Values Continue Upward

The U.S. farm real estate value, including all land and buildings, averaged $\$ 1,210$ per acre as of January 1,2002 , up 5.2 percent from the previous year. All states except Delaware, Nevada, New Mexico, and Washington showed gains from last year. The $\$ 60$ per acre increase in farm real estate values continued a climb that began in 1987. The overall increase followed cropland and pasture values, which rose by 4.4 and 5.0 percent, respectively, during 2001. Cropland values had been increasing by more than 5 percent a year, so this represents a slower rate of increase than previous years, likely due to low commodity prices and drought in western States.

Regional increases in the average value of farm real estate ranged from 3.0 to 8.7 percent. The Lake States and Southeast regions, at $\$ 1,870$ and $\$ 2,260$ per acre, showed the largest percentage gains from last year, at 8.7 and 7.1 percent, respectively. All regions again posted record highs with the exceptions of the Southern and Northern Plains. The Northeast region, with its urban influences, had the highest average value of farm real estate at $\$ 2,810$ per acre. The Mountain region, with its expanse of pasture and rangeland, has the lowest value at $\$ 507$ per acre.

Dollar value increases of farm real estate, cropland and pasture for states on the East Coast are the largest in the country. Despite drought in several of these states, price competition from increased urbanization and development has likely more than offset any downward pressures on land values. Pasture values outpace those of cropland in many of these states, often due to its greater appeal and availability for development.

The average value of cropland in the U.S. rose 4.4 percent to $\$ 1,650$ per acre. The largest percent increases, at 8.6 and 5.3 percent, were in the Lake States and Northeast regions, respectively. Cropland values were highest in the Pacific region, at $\$ 3,710$ per acre, and lowest in the Northern Plains, at $\$ 719$ per acre.

Cropland values varied widely across States due to different circumstances and competitive uses of land. The impact of suburban and resort influences in states such as Wisconsin, Vermont, and Arizona resulted in continued above average gains in cropland values. Washington was the only state to show a decrease, dropping 1.5 percent from 2001, and continuing a decline that began in 1999. Poor commodity prices, concerns about the availability of irrigation water, and difficulty in securing financing have combined to hold cropland values down in Washington.

The average value per acre for pasture in the U.S. increased 5.0 percent, with the great majority of States going up. The Mountain and Southern Plains regions, accounting for half of the pastureland in the U.S., both showed increases from 2001. Pasture values were highest in the Northeast, at $\$ 2,330$ per acre, and lowest in the Northern Plains, at $\$ 251$ per acre.

## U.S. Average Farm Real Estate Value 1982-2002



January 1, 2002 Farm Real Estate Values
Dollars Per Acre and Percent Change From 2001


Farm Real Estate: Average Value per Acre, by Region
and State, January 1, 1998-2002

| State | 1998 | 1999 | 2000 | 2001 | 2002 | $\begin{gathered} \text { Change } \\ 01-02 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars | Dollars | Dollars | Dollars | Dollars | Percent |
| Northeast: | 2,280 | 2,370 | 2,520 | *2,650 | 2,810 | 6.0 |
| CT | 5,950 | 6,300 | 6,600 | 6,900 | 7,300 | 5.8 |
| DE | 2,660 | 2,750 | 2,800 | *2,950 | 2,950 | 0.0 |
| ME | 1,190 | 1,200 | 1,250 | 1,300 | 1,400 | 7.7 |
| MD | 3,180 | 3,300 | 3,600 | 3,800 | 4,000 | 5.3 |
| MA | 5,210 | 5,500 | 5,900 | *6,500 | 7,200 | 10.8 |
| NH | 2,250 | 2,250 | 2,300 | 2,400 | 2,600 | 8.3 |
| NJ | 7,000 | 7,000 | 7,100 | 7,400 | 8,000 | 8.1 |
| NY | 1,280 | 1,340 | 1,410 | 1,500 | 1,600 | 6.7 |
| PA | 2,390 | 2,500 | 2,720 | 2,840 | 2,950 | 3.9 |
| RI | 6,500 | 6,500 | 6,600 | *6,900 | 7,300 | 5.8 |
| VT | 1,520 | 1,570 | 1,650 | 1,750 | 1,900 | 8.6 |
| Lake States: | 1,280 | 1,390 | 1,570 | *1,720 | 1,870 | 8.7 |
| MI | 1,670 | 1,850 | 2,150 | *2,300 | 2,500 | 8.7 |
| MN | 1,160 | 1,230 | 1,280 | *1,360 | 1,450 | 6.6 |
| WI | 1,240 | 1,370 | 1,700 | 2,000 | 2,200 | 10.0 |
| Corn Belt: | 1,730 | 1,830 | 1,930 | *2,060 | 2,180 | 5.8 |
| IL | 2,130 | 2,250 | 2,380 | *2,530 | 2,640 | 4.3 |
| IN | 2,060 | 2,220 | 2,350 | *2,500 | 2,590 | 3.6 |
| IA | 1,700 | 1,770 | 1,820 | *1,900 | 1,980 | 4.2 |
| MO | 1,070 | 1,130 | 1,250 | 1,380 | 1,520 | 10.1 |
| OH | 2,040 | 2,220 | 2,300 | *2,480 | 2,700 | 8.9 |
| Northern Plains: | 499 | 510 | 526 | *549 | 571 | 4.0 |
| KS | 577 | 580 | 590 | *610 | 620 | 1.6 |
| NE | 645 | 670 | 695 | *730 | 755 | 3.4 |
| ND | 401 | 406 | 415 | 425 | 440 | 3.5 |
| SD | 348 | 360 | 380 | 405 | 440 | 8.6 |
| Appalachian: | 1,720 | 1,840 | 1,990 | *2,160 | 2,250 | 4.2 |
| KY | 1,450 | 1,530 | 1,600 | 1,770 | 1,850 | 4.5 |
| NC | 2,080 | 2,250 | 2,500 | 2,800 | 2,900 | 3.6 |
| TN | 1,810 | 1,950 | 2,150 | 2,240 | 2,310 | 3.1 |
| VA | 1,920 | 2,040 | 2,200 | *2,350 | 2,490 | 6.0 |
| WV | 1,090 | 1,070 | 1,150 | *1,280 | 1,370 | 7.0 |
| Southeast: | 1,700 | 1,770 | 1,940 | *2,110 | 2,260 | 7.1 |
| AL | 1,440 | 1,520 | 1,680 | 1,800 | 1,900 | 5.6 |
| FL | 2,240 | 2,260 | 2,400 | *2,600 | 2,800 | 7.7 |
| GA | 1,510 | 1,630 | 1,880 | 2,100 | 2,300 | 9.5 |
| SC | 1,480 | 1,520 | 1,600 | 1,650 | 1,700 | 3.0 |
| Delta States: | 1,130 | 1,180 | 1,230 | *1,280 | 1,330 | 3.9 |
| AR | 1,150 | 1,220 | 1,250 | 1,300 | 1,370 | 5.4 |
| LA | 1,210 | 1,210 | 1,250 | 1,270 | 1,310 | 3.1 |
| MS | 1,050 | 1,100 | 1,180 | *1,250 | 1,300 | 4.0 |
| Southern Plains: | 596 | 613 | 631 | *678 | 718 | 5.9 |
| OK | 610 | 625 | 634 | *670 | 710 | 6.0 |
| TX | 593 | 610 | 630 | *680 | 720 | 5.9 |
| Mountain: | 415 | 426 | 462 | *487 | 507 | 4.1 |
| AZ ${ }^{1}$ | 987 | 1,070 | 1,180 | *1,360 | 1,520 | 11.8 |
| CO | 618 | 630 | $\bigcirc 670$ | , 695 | 710 | 2.2 |
| ID | 1,020 | 1,090 | 1,170 | *1,200 | 1,250 | 4.2 |
| MT | 294 | 296 | 350 | 375 | 384 | 2.4 |
| NV ${ }^{1}$ | 392 | 420 | 440 | 460 | 460 | 0.0 |
| NM ${ }^{1}$ | 217 | 217 | 217 | *220 | 220 | 0.0 |
| UT ${ }^{1}$ | 807 | 855 | 900 | 975 | 1,050 | 7.7 |
| WY | 222 | 220 | 240 | 260 | 285 | 9.6 |
| Pacific: | 1,780 | 1,870 | 1,900 | *1,980 | 2,040 | 3.0 |
| CA | 2,610 | 2,770 | 2,850 | *3,000 | 3,100 | 3.3 |
| OR | 960 | 1,000 | 1,020 | 1,050 | 1,100 | 4.8 |
| WA | 1,190 | 1,190 | 1,200 | 1,190 | 1,190 | 0.0 |
| 48 States ${ }^{2}$ | 974 | 1,020 | 1,080 | *1,150 | 1,210 | 5.2 |

[^0]Cropland: Average Value per Acre, by Region
and State, January 1, 1998-2002

| State | 1998 | 1999 | 2000 | 2001 | 2002 | $\begin{aligned} & \text { Change } \\ & 01-02 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars | Dollars | Dollars | Dollars | Dollars | Percent |
| Northeast: | 2,620 | 2,700 | 2,870 | *3,010 | 3,170 | 5.3 |
| DE | 2,620 | 2,700 | 2,750 | *2,900 | 2,900 | 0.0 |
| MD | 3,100 | 3,200 | 3,500 | 3,700 | 3,900 | 5.4 |
| NJ | 8,000 | 7,800 | 7,900 | 8,100 | 8,700 | 7.4 |
| NY | 1,040 | 1,100 | 1,160 | 1,240 | 1,300 | 4.8 |
| PA | 2,740 | 2,870 | 3,120 | 3,260 | 3,400 | 4.3 |
| Oth Sts ${ }^{1}$ | 4,290 | 4,360 | 4,550 | *4,770 | 5,120 | 7.3 |
| Lake States: | 1,220 | 1,340 | 1,500 | *1,630 | 1,770 | 8.6 |
| MI | 1,480 | 1,670 | 2,000 | 2,100 | 2,300 | 9.5 |
| MN | 1,160 | 1,230 | 1,270 | *1,340 | 1,420 | 6.0 |
| WI | 1,130 | 1,300 | 1,600 | 1,900 | 2,100 | 10.5 |
| Corn Belt: | 1,910 | 2,030 | 2,120 | *2,250 | 2,340 | 4.0 |
| IL | 2,240 | 2,370 | 2,500 | *2,650 | 2,750 | 3.8 |
| IN | 2,100 | 2,270 | 2,400 | *2,550 | 2,640 | 3.5 |
| IA | 1,860 | 1,930 | 1,970 | *2,050 | 2,120 | 3.4 |
| MO | 1,130 | 1,190 | 1,290 | 1,390 | 1,470 | 5.8 |
| OH | 2,150 | 2,350 | 2,420 | *2,600 | 2,750 | 5.8 |
| Northern Plains: | 648 | 658 | 668 | *695 | 719 | 3.5 |
| KS | 655 | 659 | 666 | 680 | 691 | 1.6 |
| NE | 1,040 | 1,080 | 1,110 | *1,170 | 1,210 | 3.4 |
| ND | 440 | 435 | 425 | 430 | 440 | 2.3 |
| SD | 480 | 491 | 510 | 555 | 605 | 9.0 |
| Appalachian: | 1,830 | 1,930 | 2,100 | 2,300 | 2,400 | 4.3 |
| KY | 1,620 | 1,630 | 1,750 | 2,000 | 2,100 | 5.0 |
| NC | 1,950 | 2,130 | 2,400 | 2,700 | 2,800 | 3.7 |
| TN | 1,970 | 2,100 | 2,240 | 2,320 | 2,390 | 3.0 |
| VA | 1,880 | 1,980 | 2,150 | 2,300 | 2,450 | 6.5 |
| WV | 1,600 | 1,570 | 1,600 | 1,700 | 1,820 | 7.1 |
| Southeast: | 1,670 | 1,720 | 1,850 | *1,990 | 2,090 | 5.0 |
| AL | 1,260 | 1,320 | 1,460 | *1,630 | 1,690 | 3.7 |
| FL | 3,230 | 3,190 | 3,340 | 3,540 | 3,690 | 4.2 |
| GA | 1,140 | 1,250 | 1,400 | 1,530 | 1,660 | 8.5 |
| SC | 1,160 | 1,200 | 1,240 | *1,300 | 1,350 | 3.8 |
| Delta States: | , 996 | 1,030 | 1,060 | *1,120 | 1,150 | 2.7 |
| AR | 1,030 | 1,080 | 1,080 | 1,140 | 1,160 | 1.8 |
| LA | 1,060 | 1,060 | 1,110 | *1,160 | 1,200 | 3.4 |
| MS | 878 | 925 | 983 | *1,040 | 1,080 | 3.8 |
| Southern Plains: | 667 | 681 | 708 | *740 | 774 | 4.6 |
| OK | 577 | 558 | 548 | *581 | 620 | 6.7 |
| TX | 701 | 728 | 770 | *801 | 833 | 4.0 |
| Mountain: | 936 | 968 | 1,030 | *1,090 | 1,140 | 4.6 |
| AZ ${ }^{2}$ | 3,800 | 4,100 | 4,600 | *5,400 | 6,000 | 11.1 |
| CO | 809 | 833 | 887 | 911 | 929 | 2.0 |
| ID | 1,370 | 1,420 | 1,490 | 1,570 | 1,660 | 5.7 |
| MT | 463 | 461 | 486 | 502 | 510 | 1.6 |
| NV ${ }^{2}$ | 1,850 | 1,900 | 1,900 | 2,000 | 2,000 | 0.0 |
| NM ${ }^{2}$ | 1,380 | 1,420 | 1,440 | *1,450 | 1,450 | 0.0 |
| UT ${ }^{2}$ | 2,390 | 2,610 | 2,740 | 2,960 | 3,140 | 6.1 |
| WY | 777 | ,781 | , 815 | 2,86 | -907 | 4.7 |
| Pacific: | 3,150 | 3,350 | 3,460 | *3,620 | 3,710 | 2.5 |
| CA | 5,260 | 5,700 | 5,960 | *6,320 | 6,510 | 3.0 |
| OR | 1,430 | 1,520 | 1,570 | 1,650 | 1,680 | 1.8 |
| WA | 1,430 | 1,410 | 1,340 | 1,310 | 1,290 | -1.5 |
| 48 States ${ }^{3}$ | 1,340 | 1,410 | 1,490 | *1,580 | 1,650 | 4.4 |

* Revised.
${ }^{1}$ Includes: CT, ME, MA, NH, RI, and VT.
${ }^{2}$ Excludes Native American Reservation Land.
${ }^{3}$ Excludes Alaska and Hawaii.

Pasture: Average Value per Acre, by Region and State, January 1, 1998-2002

| State | 1998 | 1999 | 2000 | 2001 | 2002 | Change $01-02$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars | Dollars | Dollars | Dollars | Dollars | Percent |
| Northeast: | 2,030 | 2,060 | 2,120 | *2,190 | 2,330 | 6.4 |
| MD | 3,350 | 3,400 | 3,400 | 3,450 | 3,500 | 1.4 |
| NJ | 8,800 | 8,800 | 8,900 | 9,100 | 9,600 | 5.5 |
| NY | 530 | 550 | 560 | *620 | 700 | 12.9 |
| PA | 1,740 | 1,790 | 1,920 | 2,000 | 2,100 | 5.0 |
| Oth Sts ${ }^{1}$ | 3,900 | 3,910 | 3,950 | *4,030 | 4,330 | 7.4 |
| Lake States: | 520 | 574 | 659 | *756 | 840 | 11.1 |
| MI | 890 | 980 | 1,080 | *1,180 | 1,250 | 5.9 |
| MN | 380 | 400 | 440 | *500 | 530 | 6.0 |
| WI | 550 | 630 | 760 | 900 | 1,050 | 16.7 |
| Corn Belt: | 813 | 859 | 955 | *1,050 | 1,130 | 7.6 |
| IL | 940 | 1,000 | 1,080 | *1,180 | 1,220 | 3.4 |
| IN | 1,270 | 1,400 | 1,540 | 1,700 | 1,730 | 1.8 |
| IA | 665 | 660 | 700 | *770 | 800 | 3.9 |
| MO | 700 | 750 | 860 | 950 | 1,040 | 9.5 |
| OH | 1,410 | 1,480 | 1,600 | *1,750 | 1,900 | 8.6 |
| Northern Plains: | 216 | 222 | 231 | *246 | 251 | 2.0 |
| KS | 367 | 370 | 375 | *400 | 400 | 0.0 |
| NE | 210 | 220 | 230 | 245 | 250 | 2.0 |
| ND | 144 | 146 | 155 | 165 | 170 | 3.0 |
| SD | 173 | 180 | 190 | 200 | 210 | 5.0 |
| Appalachian: | 1,600 | 1,700 | 1,810 | *1,910 | 2,000 | 4.7 |
| KY | 1,320 | 1,400 | 1,400 | 1,450 | 1,500 | 3.4 |
| NC | 2,100 | 2,270 | 2,400 | 2,600 | 2,750 | 5.8 |
| TN | 1,860 | 2,000 | 2,240 | 2,320 | 2,390 | 3.0 |
| VA | 1,800 | 1,900 | 2,050 | *2,200 | 2,350 | 6.8 |
| WV | 860 | 825 | 900 | *960 | 1,020 | 6.3 |
| Southeast: | 1,410 | 1,490 | 1,600 | *1,810 | 1,980 | 9.4 |
| AL | 1,100 | 1,170 | 1,300 | 1,450 | 1,580 | 9.0 |
| FL | 1,450 | 1,500 | 1,570 | *1,800 | 2,000 | 11.1 |
| GA | 1,770 | 1,950 | 2,150 | 2,400 | 2,600 | 8.3 |
| SC | 1,340 | 1,380 | 1,450 | *1,600 | 1,700 | 6.3 |
| Delta States: | 971 | 992 | 1,030 | 1,050 | 1,110 | 5.7 |
| AR | 910 | 960 | 1,000 | 1,000 | 1,080 | 8.0 |
| LA | 1,200 | 1,160 | 1,150 | 1,160 | 1,200 | 3.4 |
| MS | 890 | 910 | 1,000 | *1,060 | 1,100 | 3.8 |
| Southern Plains: | 523 | 533 | 543 | *579 | 608 | 5.0 |
| OK | 395 | 410 | 415 | *435 | 460 | 5.7 |
| TX | 550 | 560 | 570 | *610 | 640 | 4.9 |
| Mountain: | 231 | 233 | 251 | *261 | 271 | 3.8 |
| $\mathrm{AZ}^{2}$ | 320 | 340 | 360 | *400 | 450 | 12.5 |
| CO | 335 | 340 | 360 | *360 | 360 | 0.0 |
| ID | 700 | 780 | 850 | *810 | 820 | 1.2 |
| MT | 197 | 200 | 230 | 255 | 260 | 2.0 |
| NV ${ }^{2}$ | 230 | 250 | 270 | 270 | 270 | 0.0 |
| NM ${ }^{2}$ | 160 | 155 | 150 | 150 | 150 | 0.0 |
| UT ${ }^{2}$ | 400 | 400 | 420 | 450 | 500 | 11.1 |
| WY | 160 | 150 | 165 | 180 | 200 | 11.1 |
| Pacific: | 731 | 729 | 698 | 718 | 733 | 2.1 |
| CA | 1,050 | 1,050 | 1,000 | 1,040 | 1,060 | 1.9 |
| OR | 400 | 400 | 405 | 405 | 420 | 3.7 |
| WA | 550 | 540 | 490 | 500 | 500 | 0.0 |
| 48 States ${ }^{3}$ | 489 | 503 | 524 | *558 | 586 | 5.0 |

* Revised.
${ }^{1}$ Includes: CT, DE, ME, MA, NH, RI, and VT.
${ }^{2}$ Excludes Native American Reservation Land.
${ }^{3}$ Excludes Alaska and Hawaii.

Irrigated and Non-Irrigated Cropland: Average Value per Acre,

| State and Land Type | 1998 | 1999 | 2000 | 2001 | 2002 | $\begin{gathered} \text { Change } \\ 01-02 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars | Dollars | Dollars | Dollars | Dollars | Percent |
| Corn Belt: |  |  |  |  |  |  |
| MO All Cropland | 1,130 | 1,190 | 1,290 | 1,390 | 1,470 | 5.8 |
| Irrigated | 1,670 | 1,820 | 1,910 | 1,940 | 2,040 | 5.2 |
| Non-Irrigated | 1,090 | 1,150 | 1,250 | 1,350 | 1,430 | 5.9 |
| Northern Plains: |  |  |  |  |  |  |
| KS All Cropland | 655 | 659 | 666 | 680 | 691 | 1.6 |
| Irrigated | 1,010 | 1,020 | 1,030 | 1,080 | 1,100 | 1.9 |
| Non-Irrigated | 620 | 623 | 630 | 640 | 650 | 1.6 |
| NE All Cropland | 1,040 | 1,080 | 1,110 | * 1,170 | 1,210 | 3.4 |
| Irrigated | 1,510 | 1,550 | 1,580 | 1,600 | 1,640 | 2.5 |
| Non-Irrigated | 799 | 840 | 860 | *950 | 980 | 3.2 |
| SD All Cropland | 480 | 491 | 510 | 555 | 605 | 9.0 |
| Irrigated | 810 | 770 | 740 | 780 | 850 | 9.0 |
| Non-Irrigated | 473 | 485 | 505 | 550 | 600 | 9.1 |
| Southeast: |  |  |  |  |  |  |
| FL All Cropland | 3,230 | 3,190 | 3,340 | 3,540 | 3,690 | 4.2 |
| Irrigated | 4,000 | 3,950 | 4,120 | 4,370 | 4,520 | 3.4 |
| Non-Irrigated | 1,600 | 1,600 | 1,680 | 1,800 | 1,950 | 8.3 |
| GA All Cropland | 1,140 | 1,250 | 1,400 | 1,530 | 1,660 | 8.5 |
| Irrigated | 1,290 | 1,380 | 1,500 | 1,700 | 1,800 | 5.9 |
| Non-Irrigated | 1,110 | 1,220 | 1,380 | 1,500 | 1,630 | 8.7 |
| Delta States: |  |  |  |  |  |  |
| AR All Cropland | 1,030 | 1,080 | 1,080 | 1,140 | 1,160 | 1.8 |
| Irrigated | 1,140 | 1,180 | 1,190 | 1,260 | 1,310 | 4.0 |
| Non-Irrigated | 940 | 1,000 | 980 | 1,030 | 1,030 | 0.0 |
| LA All Cropland | 1,060 | 1,060 | 1,110 | *1,160 | 1,200 | 3.4 |
| Irrigated | 928 | 990 | 1,060 | 1,070 | 1,100 | 2.8 |
| Non-Irrigated | 1,100 | 1,080 | 1,120 | *1,180 | 1,230 | 4.2 |
| MS All Cropland | 878 | 925 | 983 | *1,040 | 1,080 | 3.8 |
| Irrigated | 1,010 | 1,080 | 1,100 | 1,120 | 1,170 | 4.5 |
| Non-Irrigated | 840 | 880 | 950 | *1,020 | 1,060 | 3.9 |
| Southern Plains: |  |  |  |  |  |  |
| OK All Cropland | 577 | 558 | 548 | *581 | 620 | 6.7 |
| Irrigated | 810 | 790 | 780 | *780 | 800 | 2.6 |
| Non-Irrigated | 564 | 545 | 535 | *570 | 610 | 7.0 |
| TX All Cropland | 701 | 728 | 770 | *801 | 833 | 4.0 |
| Irrigated | 780 | 830 | 880 | *880 | 920 | 4.5 |
| Non-Irrigated | 680 | 700 | 740 | *780 | 810 | 3.8 |
| Mountain: |  |  |  |  |  |  |
| AZ All Cropland | 3,800 | 4,100 | 4,600 | *5,400 | 6,000 | 11.1 |
| Irrigated | 3,800 | 4,100 | 4,600 | *5,400 | 6,000 | 11.1 |
| CO All Cropland | 809 | 833 | 887 | 911 | 929 | 2.0 |
| Irrigated | 1,580 | 1,600 | 1,700 | 1,750 | 1,800 | 2.9 |
| Non-Irrigated | 395 | 420 | 450 | 460 | 460 | 0.0 |

See footnote(s) at end of table.

Irrigated and Non-Irrigated Cropland: Average Value per Acre, by State, 1998-2002

| State and Land Type | 1998 | 1999 | 2000 | 2001 | 2002 | $\begin{gathered} \text { Change } \\ 01-02 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars | Dollars | Dollars | Dollars | Dollars | Percent |
| ID All Cropland | 1,370 | 1,420 | 1,490 | 1,570 | 1,660 | 5.7 |
| Irrigated | 1,760 | 1,820 | 1,900 | 2,020 | 2,150 | 6.4 |
| Non-Irrigated | 680 | 730 | 770 | 790 | 790 | 0.0 |
| MT All Cropland | 463 | 461 | 486 | 502 | 510 | 1.6 |
| Irrigated | 1,310 | 1,310 | 1,440 | 1,500 | 1,530 | 2.0 |
| Non-Irrigated | 343 | 340 | 350 | 360 | 365 | 1.4 |
| NV All Cropland | 1,850 | 1,900 | 1,900 | 2,000 | 2,000 | 0.0 |
| Irrigated | 1,850 | 1,900 | 1,900 | 2,000 | 2,000 | 0.0 |
| NM All Cropland | 1,380 | 1,420 | 1,440 | * 1,450 | 1,450 | 0.0 |
| Irrigated | 2,490 | 2,550 | 2,600 | *2,600 | 2,600 | 0.0 |
| Non-Irrigated | 255 | 260 | 260 | *270 | 270 | 0.0 |
| UT All Cropland | 2,390 | 2,610 | 2,740 | 2,960 | 3,140 | 6.1 |
| Irrigated | 2,800 | 3,080 | 3,250 | 3,500 | 3,700 | 5.7 |
| Non-Irrigated | 730 | 700 | 670 | 750 | 850 | 13.3 |
| WY All Cropland | 777 | 781 | 815 | 866 | 907 | 4.7 |
| Irrigated | 940 | 940 | 980 | 1,040 | 1,090 | 4.8 |
| Non-Irrigated | 230 | 245 | 260 | 280 | 290 | 3.6 |
| Pacific: |  |  |  |  |  |  |
| CA All Cropland | 5,260 | 5,700 | 5,960 | *6,320 | 6,510 | 3.0 |
| Irrigated | 5,600 | 6,100 | 6,400 | *6,800 | 7,000 | 2.9 |
| Non-Irrigated | 1,700 | 1,580 | 1,400 | 1,400 | 1,420 | 1.4 |
| OR All Cropland | 1,430 | 1,520 | 1,570 | 1,650 | 1,680 | 1.8 |
| Irrigated | 2,000 | 2,100 | 2,150 | 2,300 | 2,350 | 2.2 |
| Non-Irrigated | 980 | 1,050 | 1,100 | 1,120 | 1,150 | 2.7 |
| WA All Cropland | 1,430 | 1,410 | 1,340 | 1,310 | 1,290 | -1.5 |
| Irrigated | 3,400 | 3,600 | 3,500 | 3,400 | 3,300 | -2.9 |
| Non-Irrigated | 840 | 760 | 700 | 680 | 690 | 1.5 |

[^1]${ }^{1}$ Only States with significant irrigated acreage appear in this table.

## January 1, 2002 Cropland Values



## January 1, 2002 Pasture Values

Dollars Per Acre and Percent Change From 2001


## Reliability of Data in this Report

Survey Procedures: The land value estimates in this report are based primarily on the NASS June Area Survey, conducted during the first two weeks in June.. This annual survey uses a complete, probabilitybased area sampling frame with a sample of approximately 11,000 segments, averaging roughly 1 square mile in size. Enumerators conducting the area survey contact all operators of land within the sampled segments, collecting land value information for cropland and pasture operated within the segment. They also collect an estimated value on all land and buildings for the entire farming operation, and the relative percent change from the previous year. From these data, published estimates are developed.

Estimating Procedures: Survey reported data are reviewed for reasonableness and consistency with historical indications and estimates. Each State Statistical Office submits their estimates and analyses of the current situation to the Agricultural Statistics Board (ASB). Survey data are also compiled at NASS Headquarters in Washington, D.C. and reviewed independently of each State's review. Regional and U.S. land value estimates are established by the ASB, which then prepares the estimates for publication.

Revision Policy: Land values are subject to revision the following year and following the five-year Census of Agriculture. The basis for revision must be supported by additional data that directly affect the level of the estimate.

Reliability: The surveys used to make land value estimates are subject to sampling and non-sampling type errors that are common to all surveys. Both types affect the "precision" of the estimates. Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. Sampling errors cannot be applied directly to the values published in this report to determine confidence intervals since the official estimates represent a composite of information from more than a single source. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey estimate, plus or minus two times the sampling error. The relative standard error from the 2002 area frame survey for U.S. farm real estate values was 1.8 percent while regional sampling errors were slightly higher.

Nonsampling errors can occur in complete censuses as well as sample surveys. They are caused by the inability to obtain correct information from each person sampled, differences in interpreting questions or definitions, and mistakes in coding or processing data. To minimize non-sampling errors, vigorous quality controls are used in the data collection process and all data are carefully reviewed for consistency and reasonableness.

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The next "Agricultural Land Values" report will be released July 2003.

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#### Abstract

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[^0]:    * Revised.
    ${ }^{1}$ Excludes Native American Reservation Land.
    ${ }^{2}$ Excludes Alaska and Hawaii.

[^1]:    * Revised

