

Sample NY Counties

Annual Agricultural Loss from Turbine & WNS Bat Killings

[Source of data → Study (*Economic Importance of Bats in Agriculture*): <<http://science.sciencemag.org/content/332/6025/41.full>>, plus supporting materials <<http://science.sciencemag.org/content/suppl/2011/03/31/332.6025.41.DC1>> (see "County Data").]

| NY County | Harvested Land (acres) | Assumes Low Crop Pest Survival (U.S.\$) | Assumes Standard Crop Pest Survival (U.S.\$) | Assumes High Crop Pest Survival (U.S.\$) |
|-------------|------------------------|---|--|--|
| ALLEGANY | 57,838 | \$699,840 | \$4,285,796 | \$9,977,055 |
| CATTAGAUGUS | 70,375 | \$851,538 | \$5,214,788 | \$12,139,688 |
| CHAUTAUQUA | 106,933 | \$1,293,889 | \$7,923,735 | \$18,445,943 |
| CLINTON | 62,157 | \$752,100 | \$4,605,834 | \$10,722,083 |
| FRANKLIN | 59,079 | \$714,856 | \$4,377,754 | \$10,191,128 |
| HERKIMER | 64,172 | \$776,481 | \$4,755,145 | \$11,069,670 |
| JEFFERSON | 147,726 | \$1,787,485 | \$10,946,497 | \$25,482,735 |
| LEWIS | 82,977 | \$1,004,022 | \$6,148,596 | \$14,313,533 |
| NIAGARA | 90,129 | \$1,090,561 | \$6,678,559 | \$15,547,253 |
| ORLEANS | 91,599 | \$1,108,348 | \$6,787,486 | \$15,800,828 |
| OSWEGO | 38,381 | \$464,410 | \$2,844,032 | \$6,620,723 |
| ST LAWRENCE | 146,838 | \$1,776,740 | \$10,880,696 | \$25,329,555 |
| WYOMING | 142,442 | \$1,723,548 | \$10,554,952 | \$24,571,245 |

See next page (below) for data for all New York State counties...

— All New York County Data —

| | | | | |
|-------------|---------|-----------|------------|------------|
| ALBANY | 26,412 | 319,585 | 1,957,129 | 4,556,070 |
| ALLEGANY | 57,838 | 699,840 | 4,285,796 | 9,977,055 |
| BROOME | 35,971 | 435,249 | 2,665,451 | 6,204,998 |
| CATTARAUGUS | 70,375 | 851,538 | 5,214,788 | 12,139,688 |
| CAYUGA | 170,746 | 2,066,027 | 12,652,279 | 29,453,685 |
| CHAUTAUQUA | 106,933 | 1,293,889 | 7,923,735 | 18,445,943 |
| CHEMUNG | 25,329 | 306,481 | 1,876,879 | 4,369,253 |
| CHENANGO | 72,490 | 877,129 | 5,371,509 | 12,504,525 |
| CLINTON | 62,157 | 752,100 | 4,605,834 | 10,722,083 |
| COLUMBIA | 52,158 | 631,112 | 3,864,908 | 8,997,255 |
| CORTLAND | 48,780 | 590,238 | 3,614,598 | 8,414,550 |
| DELAWARE | 58,430 | 707,003 | 4,329,663 | 10,079,175 |
| DUTCHESS | 37,961 | 459,328 | 2,812,910 | 6,548,273 |
| ERIE | 81,444 | 985,472 | 6,035,000 | 14,049,090 |
| ESSEX | 16,033 | 193,999 | 1,188,045 | 2,765,693 |
| FRANKLIN | 59,079 | 714,856 | 4,377,754 | 10,191,128 |
| FULTON | 15,722 | 190,236 | 1,165,000 | 2,712,045 |
| GENESEE | 132,333 | 1,601,229 | 9,805,875 | 22,827,443 |
| GREENE | 15,495 | 187,490 | 1,148,180 | 2,672,888 |
| HAMILTON | 57 | 690 | 4,224 | 9,833 |
| HERKIMER | 64,172 | 776,481 | 4,755,145 | 11,069,670 |
| JEFFERSON | 147,726 | 1,787,485 | 10,946,497 | 25,482,735 |
| LEWIS | 82,977 | 1,004,022 | 6,148,596 | 14,313,533 |
| LIVINGSTON | 146,753 | 1,775,711 | 10,874,397 | 25,314,893 |
| MADISON | 98,579 | 1,192,806 | 7,304,704 | 17,004,878 |
| MONROE | 93,282 | 1,128,712 | 6,912,196 | 16,091,145 |
| MONTGOMERY | 70,982 | 858,882 | 5,259,766 | 12,244,395 |
| NASSAU | 218 | 2,638 | 16,154 | 37,605 |
| NIAGARA | 90,129 | 1,090,561 | 6,678,559 | 15,547,253 |
| ONEIDA | 87,040 | 1,053,184 | 6,449,664 | 15,014,400 |
| ONONDAGA | 91,946 | 1,112,547 | 6,813,199 | 15,860,685 |
| ONTARIO | 137,752 | 1,666,799 | 10,207,423 | 23,762,220 |
| ORANGE | 38,677 | 467,992 | 2,865,966 | 6,671,783 |
| ORLEANS | 91,599 | 1,108,348 | 6,787,486 | 15,800,828 |
| OSWEGO | 38,381 | 464,410 | 2,844,032 | 6,620,723 |
| OTSEGO | 70,653 | 854,901 | 5,235,387 | 12,187,643 |
| PUTNAM | 870 | 10,527 | 64,467 | 150,075 |
| RENSSELAER | 39,039 | 472,372 | 2,892,790 | 6,734,228 |
| SARATOGA | 36,976 | 447,410 | 2,739,922 | 6,378,360 |
| SCHENECTADY | 7,534 | 91,161 | 558,269 | 1,299,615 |
| SCHOHARIE | 44,961 | 544,028 | 3,331,610 | 7,755,773 |
| SCHUYLER | 30,540 | 369,534 | 2,263,014 | 5,268,150 |
| SENECA | 92,783 | 1,122,674 | 6,875,220 | 16,005,068 |
| ST LAWRENCE | 146,838 | 1,776,740 | 10,880,696 | 25,329,555 |
| STEUBEN | 171,191 | 2,071,411 | 12,685,253 | 29,530,448 |
| SUFFOLK | 21,054 | 254,753 | 1,560,101 | 3,631,815 |
| SULLIVAN | 21,198 | 256,496 | 1,570,772 | 3,656,655 |
| TIOGA | 42,342 | 512,338 | 3,137,542 | 7,303,995 |
| TOMPKINS | 56,767 | 686,881 | 4,206,435 | 9,792,308 |
| ULSTER | 26,776 | 323,990 | 1,984,102 | 4,618,860 |
| WARREN | 732 | 8,857 | 54,241 | 126,270 |
| WASHINGTON | 95,018 | 1,149,718 | 7,040,834 | 16,390,605 |
| WAYNE | 103,564 | 1,253,124 | 7,674,092 | 17,864,790 |
| WESTCHESTER | 1,763 | 21,332 | 130,638 | 304,118 |
| WYOMING | 142,442 | 1,723,548 | 10,554,952 | 24,571,245 |
| YATES | 72,115 | 872,592 | 5,343,722 | 12,439,838 |