



A comparison of similar Mosquito Control Programs across the US

Jonesboro, Arkansas Mosquito Control Program provided by VDCI

Budget: \$454,000.00 annually

Population: 78,576

Cost per resident: \$5.77 annually

This is a scientifically based Integrated Mosquito Management program. We base our control efforts on larval and adult mosquito surveillance. This surveillance is conducted by dip counts, trap counts, landing rates, and complaint calls. Included in this program is around 125,000 acres sprayed by air annually. We also perform periodic pesticide resistance testing to ensure our products are getting the intended affect.

Sac-Yolo Mosquito Abatement District, California – Public run program shared by 2 counties

Budget: \$17,000,000 annually

Population: 1.7 million between the two counties

Cost per resident: \$10.00 annually

This is a scientifically based Integrated Mosquito Management program. They have 50+ full time staff members, including 5 PhD Entomologists. They aerially larvicide 130,000 acres or rice annually, and adulticide around 1 million acres by air. The aerial program mainly focuses on agricultural breeding areas outside of the city limits. VDCI provides the aerial adulticiding, and has a dedicated pilot, maintenance staff, and plane for Sac-Yolo MAD.

Acadia Parish, Louisiana Mosquito Control Program provided by VDCI

Budget: \$650,000.00 annually; \$2.00/acre is charged separately for aerial spraying (\$961,500.00)

Population: 57,576

Cost per resident: \$16.69

This is a scientifically based Integrated Mosquito Management Program and is probably comparable to Jonesboro. Acadia Parish is full of rice fields and crawfish ponds. In 2021, we sprayed 155,750 acres by air.

Stuttgart, Arkansas Mosquito Program Run by the City of Stuttgart

Budget: Around \$450,000.00 annually

Population: 8720

Cost per resident: \$51.60 annually

I am not as familiar with this program as I am of others. They have several spray trucks they run frequently and have one airplane in house that they operate. This area is surrounded by rice, as Jonesboro is, but is a much smaller city.

Calcasieu Parish Mosquito Abatement District, Louisiana, operated by Calcasieu Parish

Budget: \$5,400,000.00 annually, increased from \$4,100,000 in 2021

Population: 194,138

Cost per resident: \$27.81

Integrated Mosquito Management Program. They cover the entire Parish with trucks and have 2 airplanes as well, that only focus on aerial adulticiding. The program is surveillance based with larval control done by ground.