

ARTICLES

MOSQUITO CONTROL AGENCIES IN THE UNITED STATES

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Information on the location of agencies controlling mosquitoes in the United States, including Alaska, Hawaii, and Puerto Rico, was obtained by means of a questionnaire sent to each state entomologist and state health officer. The details of budget, acreage, and number of people protected were supplied by managers or others in charge of local mosquito-control work. My thanks are due to all these officials for their ready cooperation.

Data for each agency are given in so far as they have been made available for the 1950 season: it is recognized that information on the extent of work is incomplete. Readers are asked to report additional agencies to the compiler. In some instances the size of the control area is given, all of which, of course, is not treated. Only states and territories known to have active mosquito-control work in progress are included in this compilation. The number of people protected is based on summer populations, which in some localities are considerably higher than for the remainder of the year.

The total sum budgeted by the abatement districts and local cities as shown is well over \$6,000,000. According to C. A. Hanson and J. H. Bright in a paper, "The National Malaria Eradication Program," read before the National Malaria Society on November 7, 1950, about \$2,500,000 additional was spent in 1950 for malaria prevention in the United States. This sum was expended by the cooperating states and federal government and was designed especially for malaria rather than for mosquito control. No doubt this figure will be greatly reduced during the next few years because of the decreasing incidence of the disease. In

this list it is shown that more than 26,000,000 persons were protected from mosquito annoyance and in addition over 800,000 homes were treated with residual sprays for the control of malaria.

Figure 1 shows the location of mosquito control operations in the United States.

There are six well-organized state mosquito-control associations in the United States which have formal meetings. They are as follows:

New Jersey Mosquito Extermination Association: Organized in 1913; Bailey B. Pepper, Secretary, New Jersey Agricultural Experiment Station, New Brunswick.

Florida Anti-Mosquito Association: Organized in 1929; John A. Mulrennan, Secretary-Treasurer, P. O. Box 210, Jacksonville.

California Mosquito Control Association: Organized in 1932; Ted Aarons, Secretary-Treasurer, Court House, Oakland 7.

Virginia Mosquito Control Association: Organized in 1947; R. E. Dorer, Secretary-Treasurer, 204 Essex Building, Norfolk.

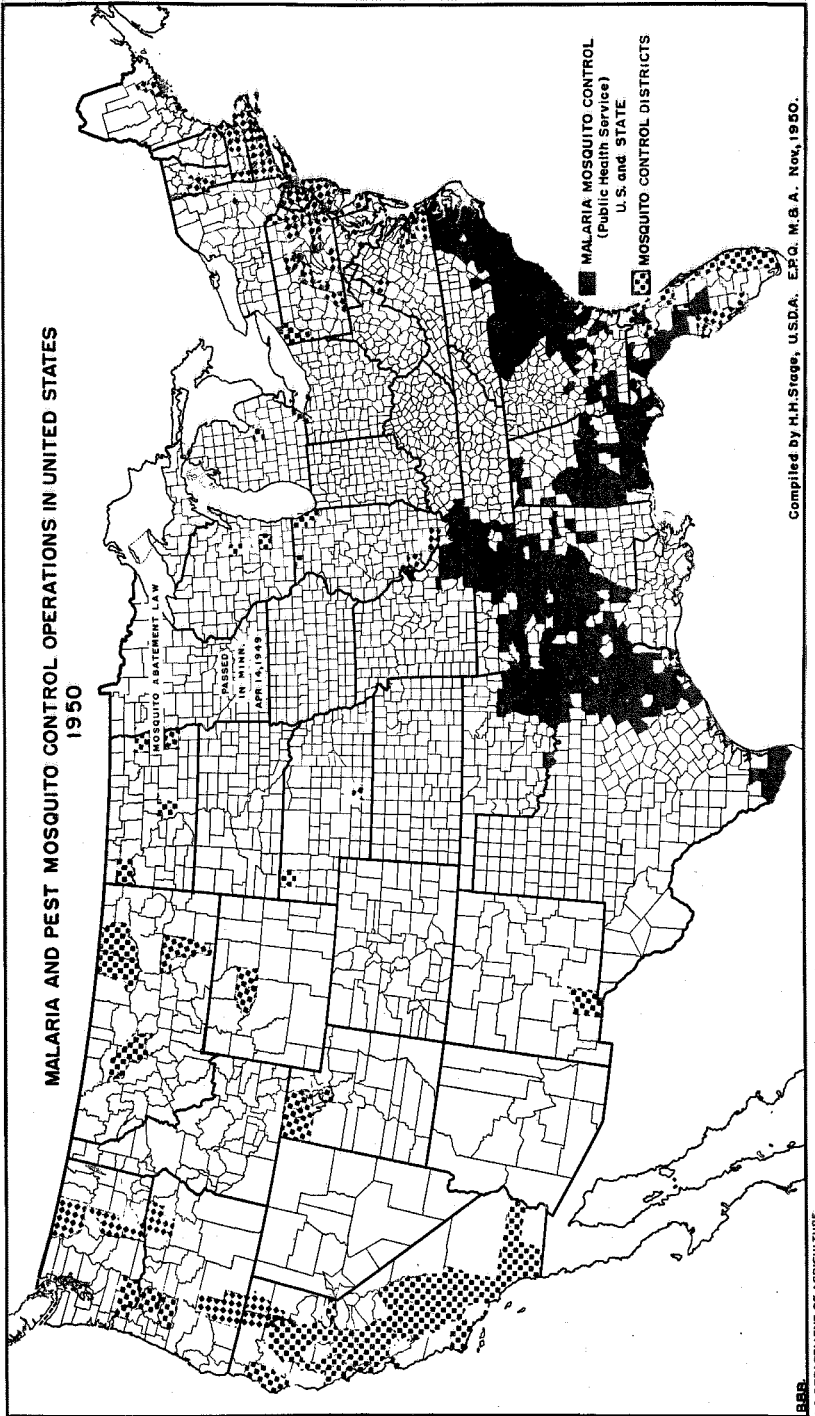
Utah Mosquito Abatement Association: Organized in 1947; Robert A. Wilkins, Secretary-Treasurer, 401 City-County Building, Salt Lake City.

Illinois Mosquito Control Association: Organized in 1949; J. Lyell Clarke, Secretary-Treasurer, 8130 Ogden Avenue, Lyons.

STATISTICS, BY STATES

Alabama—Alabama Department of Public Health, Bureau of Sanitation, Montgomery 4, Arthur N. Beck, State Director, CDCA. (State-wide.) Annual budget, \$234,225. Number of homes treated with residual sprays, 71,000.

Arkansas—Arkansas State Board of



MALARIA AND PEST MOSQUITO CONTROL OPERATIONS IN UNITED STATES
1950

MOSQUITO ABATEMENT LAW
PASSED
IN MINN.
APR 14, 1948

MALARIA MOSQUITO CONTROL
(Public Health Service)
U.S. and STATE

MOSQUITO CONTROL DISTRICTS

Compiled by H.H. Stone, U.S.D.A. EPQ. M. & A. Nov, 1950.

FIG. 1.—Map of the United States showing location of mosquito control operation.

Health, Little Rock, John E. Taylor, State Director, CDCA. (State-wide.) Annual budget, \$582,718.24. Number of homes treated with residual sprays, 109,328.

California—Alameda County Mosquito Abatement District, 1-A Court House, Oakland 7, Harold F. Gray, Engineer and Manager. Organized in 1930. Annual budget, \$108,588. Area under control, 445 square miles; number of people protected, 700,000.

Anderson Mosquito Abatement District, Anderson, Shasta County, Mrs. Loreva Gill, Secretary. Organized in 1919. Annual budget, \$2,955. Area under control, 11 square miles; number of people protected, 1,925.

Ballona Creek Mosquito Abatement District, 2426 Sleepy Hollow Drive, Glendale 6, Los Angeles County, Eugene J. Bumiller, Manager. Organized in 1944. Annual budget, \$20,491. Area under control, 24 square miles; number of people protected, 125,000.

Butte County Mosquito Abatement District, 113 "B" St., P. O. Box 233, Biggs, Robert F. Portman, Manager. Organized in 1948. Annual budget, \$84,372. Area under control, 1612 square miles; number of people protected, 64,000.

Carpinteria Pest Abatement District, Route 1, Box 29, Carpinteria, Santa Barbara County, F. W. Thomas, Supt. Organized in 1936. Annual budget \$1,513. Area under control, 10 square miles; number of people protected, 4,500.

Clear Creek Mosquito Abatement District, Redding, Shasta County, Grover Oaks, President. Organized in 1920. Annual budget \$7,133. Area under control, 32 square miles; number of people protected, 2,650.

Coachella Valley Mosquito Abatement District, P. O. Box 427, Indio, Riverside County, F. B. Dozier, Secretary. This district was formed for the purpose of controlling the eye gnat. Mosquito abatement work is incidental. Organized in 1928. Annual budget \$18,654. Area under control, 2,084 square miles; number of people protected, 18,000.

Compton Creek Mosquito Abatement District, 200 West Artesia St., Long Beach 5, Los Angeles County, J. O. McDonald, Supt. Organized in 1927. Annual budget \$5,799. Area under control, 25 square miles; number of people protected, 45,000.

Consolidated Mosquito Abatement District, 1941 West Front St., P. O. Box 278, Selma, Fresno County, T. G. Raley, Manager. Organized in 1946. Annual budget, \$116,429. Area under control, 1047 square miles; number of people protected, 120,000.

Contra Costa Mosquito Abatement District Number 1, P. O. Box 447, 1224 Escobar St., Martinez, Contra Costa Co., Ernest Campbell, Manager. Organized in 1926. Annual budget, \$31,276. Area under control, 150 square miles; number of people protected, 108,000.

Corcoran Mosquito Abatement District, P. O. Box 907, Corcoran, Kings and Tulare Counties, L. S. Haile, Manager. Organized in 1947. Annual budget, \$12,378. Area under control, 90 square miles; number of people protected, 10,000.

Cottonwood Mosquito Abatement District, P. O. Box 153, Cottonwood, Shasta County, William E. Morgan, Secretary. Organized in 1919. Annual budget, \$3,797. Area under control, 14 square miles; number of people protected, 1,450.

Delano Mosquito Abatement District, P. O. Box 457, Delano, Kern and Tulare Counties, J. Manweiler, Supt. Organized in 1944. Annual budget, \$25,901. Area under control, 350 square miles; number of people protected, 8,500.

Delta Mosquito Abatement District, 1621 West Houston, Visalia, Tulare County, William D. Murray, Manager. Organized in 1922. Annual budget, \$87,367. Area under control, 705 square miles; number of people protected, 80,000.

Durham Mosquito Abatement District, Stanford Road, Durham, Butte County, William Bollerud, Executive Officer. Organized in 1918. Annual budget, \$4,306. Area under control, 56 square miles; number of people protected, 1,500.

East Side Mosquito Abatement District, P. O. Box 1023, Yosemite Boulevard and San Juan Avenue, Modesto, Stanislaus County, E. Chester Robinson, Manager. Organized in 1939. Annual budget, \$78,173. Area under control, 281 square miles; number of people protected, 81,830.

Eureka Mosquito and Rodent Control Department, P. O. Box 98, City Hall, Eureka, Humboldt County, Brunson P. Bliven, Entomologist. Organized in 1937. Annual budget, \$10,000. Area under control, 250 acres; number of people protected, 25,000.

Fresno Mosquito Abatement District, P. O. Box 2, 2338 McKinley Avenue, Fresno, Fresno County, Edward D. Davis, Manager. Organized in 1942. Annual budget, \$94,976. Area under control, 302 square miles; number of people protected, 210,000.

Hanford Mosquito Abatement District, P. O. Box 303, Civic Auditorium, Hanford, Kings County, E. M. Russell, Supt. Organized in 1944. Annual budget, \$14,932. Area under control, 13 square miles; number of people protected, 10,000.

Kern Mosquito Abatement District, P. O. Box 907, 1418 42nd St., Bakersfield, Kern County, Arthur F. Geib, Manager. Organized in 1916. Annual budget, \$130,255. Area under control, 886 square miles; number of people protected, 140,000.

Lake County Mosquito Abatement District, Lakeport, Lake County, J. C. Miller, Secretary, Board of Trustees. Organized in 1948. Annual budget, \$16,764. Area under control, 1256 square miles; number of people protected, 12,500.

Los Angeles City Health Department, 116 Temple St., Los Angeles 12, Los Angeles County, Dr. George M. Uhl, City Health Officer. Organized in 1947. Annual budget, \$27,377. Area under control, 430 square miles. Number of people protected, 2,000,000.

Los Molinos Mosquito Abatement District, P. O. Box 130, Los Molinos, Tehama County, L. M. Carlson, Supt. Organized in 1917. Annual budget, \$6,094. Area

under control, 284 square miles; number of people protected, 3,000.

Madera County Mosquito Abatement District, P. O. Box 898, Howard Road, Madera, Gustaf F. Augustson, Manager-Entomologist. Organized in 1946. Annual budget, \$52,831. Area under control, 650 square miles; number of people protected, 31,000.

Marin County Mosquito Abatement District, Court House, San Rafael, G. Paul Jones, Supt. Organized in 1915. Annual budget, \$26,632. Area under control, 181 square miles; number of people protected, 85,000.

Matadero Mosquito Abatement District, 310 University Avenue, Room 214, Palo Alto, Santa Clara County, Gordon W. Mapes, Supt. Organized in 1917. Annual budget, \$17,886. Area under control, 58 square miles; number of people protected, 35,000.

Merced County Mosquito Abatement District, P. O. Box 1269, Santa Fe Drive, Merced, Edgar A. Smith, Manager-Entomologist. Organized in 1923. Annual budget, \$166,668. Area under control, 1,995 square miles; number of people protected, 67,000.

Monterey County Health Department, 154 West Alisal St., Salinas, E. W. Munson, Director of Sanitation. Organized in 1947. Annual budget, \$8,710. Area under control, 40 square miles; number of people protected, 78,000.

Napa County Mosquito Abatement District, P. O. Bldg., Napa, Arthur M. Emerick, Supt. Organized in 1925. Annual budget, \$7,636. Area under control, 790 square miles; number of people protected, 48,000.

Northern San Joaquin County Mosquito Abatement District, P. O. Box 318, 1213 So. Sacramento St., Lodi, Robert H. Peters, Manager. Organized in 1948. Annual budget, \$45,308. Area under control, 190 square miles; number of people protected, 33,000.

Orange County Mosquito Abatement District, P. O. Box 87, Santa Ana, Jack H. Kimball, Manager. Organized in 1947.

Annual budget, \$130,688. Area under control, 777 square miles; number of people protected, 164,930.

Oroville Mosquito Abatement District, 2083 Elfin St., Oroville, Butte County, Harry R. Flood, Supt. Organized in 1916. Annual budget, \$3,966. Area under control, 12 square miles; number of people protected, 14,000.

Pine Grove Mosquito Abatement District, Glenburn, Shasta County, A. Carpenter, Supt. Organized in 1931. Annual budget, \$5,435. Area under control, 210 square miles; number of people protected, 1,260.

Pulgas Mosquito Abatement District, P. O. Box 995, 19th and Bayshore Avenues, San Mateo, San Mateo County, C. Donald Grant, Manager-Entomologist. Organized in 1916. Annual budget, \$22,816. Area under control, 96 square miles; number of people protected, 85,000.

Redding Mosquito Abatement District, P. O. Box 331, Redding, Shasta County, J. D. Willis, Supt. Organized in 1919. Annual budget, \$16,695. Area under control, 21 square miles; number of people protected, 16,000.

Sacramento County-Yolo County Mosquito Abatement District, Room 216-D Court House, Sacramento 14, George Umberger, Supt. Organized in 1946. Annual budget, \$93,373. Area under control, 2,019 square miles; number of people protected, 16,213.

San Diego City-County Health Department, Civic Center, San Diego, San Diego County, Dr. J. B. Askew, Health Officer. Organized in 1947. Annual budget, \$57,350. Area under control, 4,258 square miles; number of people protected, 857,452.

Solano County Mosquito Abatement District, P. O. Box 304, Suisun Plaza, Suisun, H. C. Pangburn, Supt. Organized in 1933. Annual budget, \$25,933. Area under control, 827 square miles; number of people protected, 114,000.

Southern Sonoma Valley Mosquito Abatement District, P. O. Box 56, Sonoma, Sonoma County, Edward Smith, Supt. Organized in 1917. Annual budget,

\$7,026. Area under control, 216 square miles; number of people protected, 12,000.

Sutter-Yuba Mosquito Abatement District, 925 Market St., Yuba City, Sutter and Yuba Counties, Thomas M. Sperbeck, Supt. Organized in 1946. Annual budget, \$35,322. Area under control, 725 square miles; number of people protected, 48,000.

Three Cities Mosquito Abatement District (San Mateo, Burlingame and Hillsborough), P. O. Box 995, 19th and Bayshore Avenues, San Mateo, San Mateo County, C. Donald Grant, Manager-Entomologist. Organized in 1915. Annual budget, \$23,744. Area under control, 125 square miles; number of people protected, 83,000.

Tulare Mosquito Abatement District, 467 So. Larkin St., Tulare, Tulare County, Rolland L. Henderson, Manager. Organized in 1944. Annual budget, \$47,742. Area under control, 580 square miles; number of people protected, 30,000.

Turlock Mosquito Abatement District, P. O. Box 629, Stanislaus District Fairgrounds, Turlock, Stanislaus County, G. Edwin Washburn, Manager. Organized in 1946. Annual budget, \$109,446. Area under control, 966 square miles; number of people protected, 65,000.

West Side Mosquito Abatement District, 214 Buchanan Street, Taft, Kern County, R. H. Coburn, Supt. Organized in 1931. Annual budget, \$37,234. Area under control, 1,193 square miles; number of people protected, 37,500.

Connecticut—State Board of Mosquito Control, P. O. Box 1106, 123 Huntington St., New Haven, R. C. Botsford, Supt. Organized in 1915 (State-wide). Annual budget, \$70,000. Area under control, 13,000 acres; number of people protected, 1,000,000.

Delaware—Mosquito Control Division, State Highway Department, Lewes, Sussex County, Frank D. Cannon, Supt. Organized in 1935. Annual budget, \$75,000. Number of people protected, 50,000.

District of Columbia—District of

Columbia Government, Sewer Division, 2nd and N Streets, S.E., Washington 3, Joseph D. Pallas, Senior Inspector. Organized in 1930. Annual budget, \$28,684. Area under control, District of Columbia; number of people protected, 802,176.

Florida—Florida State Board of Health, Division of Entomology, P. O. Box 210, Jacksonville, Duval County, John A. Mulrennan, Director, CDCA (State-wide). Annual budget, \$269,158. Number of homes treated with residual sprays, 33,214.

Pest Control Section, Division of Sanitation, City Health Department, 940 Main street, Jacksonville, Duval County, H. D. Peters, Sanitary Engineer. Organized in 1915. Annual budget, \$40,000. Area under control, 25,600 acres; number of people protected, 205,000.

Alachua County Health Department, Gainesville, Charles C. Cook, Sanitary Engineer. Organized in 1947. Annual budget, \$5,000. Area under control, 2,500 acres; number of people protected, 20,000.

Leon County Health Unit, Sanitary Department, Tallahassee, Ford L. Thompson, Sanitarian. Organized in 1923. Annual budget, \$6,800. Area under control, 400 acres; number of people protected, 51,000.

East Volusia County Anti-Mosquito District, P. O. Box 1855, Daytona Beach, V. S. Minnich, Supt. Organized in 1937. Annual budget, \$59,000. Area under control, 586 square miles; number of people protected, 45,000.

East Volusia County Anti-Mosquito District, Southern District, 200 Live Oak Street, New Smyrna Beach, William C. White, Supt. Organized in 1938. Annual budget, \$25,000. Area under control, 50,000 acres; number of people protected, 25,000.

Lake County Health Department, P. O. Box 247, Tavares, Burke Chester, Supt. Organized in 1950. Annual budget, \$26,150. Area under control, 8,500 acres; number of people protected, 36,000.

Brevard County Mosquito Control, Box 42, Titusville, Alvin J. Higginbotham, Director. Organized in 1937. Annual

budget, \$110,000. Area under control, 50,000 acres; number of people protected, 20,000.

Indian River County Mosquito Control District, P. O. Box 884, Vero Beach, Edward M. Becton, Supt. Organized in 1925. Annual budget, \$88,600. Area under control: 12,000 acres with larvicides; 15,000 acres with adulticides; number of people protected, 14,500.

St. Lucie County Mosquito Abatement District, County Court House, North Second St., Fort Pierce, B. Arnold, County Engineer. Organized in 1925. Annual budget, \$29,550. Area under control, 25,600 acres; number of people protected, 17,500.

Martin County Mosquito Control District, Stuart, Mark A. Witham, Director and Supervisor. Organized in 1947. Annual budget, \$17,000. Area under control, 4,800 acres; number of people protected, 6,000.

Palm Beach County Mosquito Abatement District, P. O. Box 2785, Building T-83, International Airport, West Palm Beach, E. L. Seabrook, Entomologist and Director. Organized in 1941. Annual budget, \$68,500. Area under control, 10,000 acres; number of people protected, 114,000.

Broward County Anti-Mosquito District, County Court House, Fort Lauderdale, James H. Bertholf, Director. Organized in 1933. Annual budget, \$76,000. Area under control, 15,000 acres; number of people protected, 40,000.

Dade County Anti-Mosquito District, 1909 Dade County Court House, Miami 32, Fred H. Stutz, Director. Organized in 1933. Annual budget, \$81,000. Area under control, 8,000 acres ditched; number of people protected, 500,000.

Sarasota County Mosquito Abatement District, County Court House, Sarasota, J. Melton Williams, Supt. Organized in 1945. Annual budget, \$44,000. Area under control, 100,000 acres; number of people protected, 27,000.

Manatee County Mosquito Abatement District, Court House, Bradenton, John

W. Patton, Director. Organized in 1950. Annual budget, \$25,000. Area under control, 20,000 acres; number of people protected, 35,000.

Hillsborough County Anti-Mosquito Abatement District, 1420 Tampa Street, Tampa, H. B. Crowell, Jr., Supt. Organized in 1950. Annual budget, \$47,775. Area under control, 20,000 acres; number of people protected, 215,000.

Pinellas County Anti-Mosquito Abatement District, County Court House, Clearwater, Joe W. Rogers, Supt. Organized in 1931. Annual budget, \$49,155. Area under control, 100,000 acres; number of people protected, 157,500.

Fort Myers Mosquito Control District, Fort Myers Beach, Lee County, William I. Tooley, Chairman. Organized in 1950. Annual budget, \$17,000.

Anastasia Mosquito Abatement District, P. O. Box 1449, St. Augustine Street, St. Johns County, J. Earl Mickler, Chairman. Organized in 1949. Annual budget, \$8,800.

Monroe and Amelia Island Counties voted control districts in 1950 and will probably be in operation in 1952.

Georgia—State Department of Public Health, Atlanta, Fulton County, L. G. Lenart, State Director, CDCA (State-wide). Number of homes treated with residual spray, 91,933.

Illinois—The DesPlaines Valley Mosquito Abatement District, 8130 Ogden Avenue, Lyons, Cook County, J. Lyell Clarke, Sanitary Engineer. Organized in 1927. Annual budget, \$80,000. Area under control, 49,000 acres; number of people protected, 235,000.

North Shore Mosquito Abatement District, P. O. Box 55, 62 Skokie Boulevard, Winnetka, Cook County, Thomas J. Lynch, Supt. Organized in 1927. Annual budget, \$65,000. Area under control, 150,000 acres; number of people protected, 160,000.

Lake Forest Mosquito Abatement District, 174 Wildwood Road, Lake Forest, Lake County, Stanley C. Owen, Supt. Organized in 1927. Annual budget,

\$8,000. Area under control, 15 square miles; number of people protected, 7,700.

Highland Park Mosquito Abatement District, Highland Park, Lake County, William C. Heinrichs, Supervisor. Organized in 1931. Annual budget, \$16,000. Area under control, 18 square miles; number of people protected, 22,000.

Cairo Mosquito Abatement District, 1115 Cedar Street, Cairo, Alexander County, Ralph K. Gibson, Sanitary Engineer. Organized in 1940. Annual budget, \$4,500. Area under control, 2,000 acres; number of people protected, 15,000.

Herrin Mosquito Abatement District, Herrin, Williamson County, James Corcoran, Supt. Organized in 1932. Annual budget, \$800. Area under control, 4 square miles; number of people protected, 8,000.

East St. Louis Mosquito Abatement District, Dupo, St. Clair County. Annual budget, \$20,000. Area under control, 25 square miles; number of people protected, 76,000.

Dupo Mosquito Abatement District, Dupo, St. Clair County. Annual budget, \$1,000. Area under control, 8 square miles; number of people protected, 3,000.

Carbondale Mosquito Abatement District, P. O. Box 497, Carbondale, Jackson County, J. L. Burnett, Secretary. Organized in 1935. Annual budget, \$2,000. Number of people protected, 12,000.

Freeport Mosquito Abatement District, Freeport, Stephenson County, Wilbur R. Mitchell, Supt. Organized in 1948. Annual budget, \$11,000. Area under control, 91 square miles; number of people protected, 25,000.

Louisiana—Louisiana State Health Department, Civil Courts Building, New Orleans, A. B. Ritter, State Director CDCA (State-wide). Number of homes treated with residual sprays, 39,117.

Maine—Cranberry Isles Mosquito Control, Isleford, Hancock County, Frank B. Bartlett. Organized in 1928. Annual budget, \$1,000. Number of people protected, 500.

City of Old Orchard Beach, Old Orchard Beach, York County. Annual budget, \$1,200. Number of people protected, 20,000.

Massachusetts — Cape Cod Mosquito Control Project, 241 Main St., Hyannis, Barnstable County, Oscar W. Doane, Supt. Organized in 1930. Annual budget, \$50,000. Area under control, 51,200 acres; number of people protected, 150,000.

Town of Natick, Board of Health, Main street, Natick, Middlesex County, Joseph P. Foley, Supt. Organized in 1946. Annual budget, \$8,500. Area under control, 1,000 acres; number of people protected, 20,000.

Needham Mosquito Control, Board of Health, Town Hall, Needham, Norfolk County, Patrick Tocci, Supt. Organized in 1945. Annual budget, \$3,850. Area under control, 8,150 acres; number of people protected, 16,000.

Town of Plymouth Mosquito Control, Plymouth, Plymouth County, Superintendent, State Department of Conservation. Organized in 1942. Annual budget, \$750.

City of Quincy Health Department, 1245 Hancock Street, Quincy 69, Norfolk County, Charles Herbert, Commissioner of Public Works. Annual budget, \$7,000. Area under control, 10,650 acres; number of people protected, 85,000.

Town of Saugus, Public Works Department, Saugus, Essex County, Charles C. DeFronzo, Supt. Organized in 1947. Annual budget, \$1,000. Area under control, 7,400 acres; number of people protected, 17,000.

Town of Framingham, Board of Health, Memorial Building, Framingham, Middlesex County, David Moxon, Agent. Organized in 1947. Annual budget, \$5,000. Area under control, 150 acres; number of people protected, 25,000.

Town of Hingham, Board of Health, Hingham, Plymouth County, E. S. Warrell, Executive Health Officer. Organized in 1950. Annual budget, \$700. Area under control, 12,000 acres; number of people protected, 11,000.

Town of Lincoln, Board of Health, Lincoln, Middlesex County. Superintendent, Board of Health. Annual budget, \$1,000. Area under control, 9,550 acres.

Bristol-South Plymouth Maintenance Project, Box 38, North Dartmouth, Bristol County, Allison H. Shockley, Supervisor. Organized in 1931. Annual budget, \$10,000. Number of people protected, 89,000.

Martha's Vineyard Maintenance Project, Box 38, North Dartmouth, Bristol County, Allison H. Shockley, Supervisor. Organized in 1931. Annual budget, \$2,225. Area under control, 46,500 acres; number of people protected, 40,000.

City of Boston Health Department, Division of Housing and Sanitation, Haymarket Square, Boston 14, Suffolk County. Organized in 1938. Annual budget, \$10,000. Area under control, 29,000 acres; number of people protected, 2,000,000.

Town of Braintree, Highway Department, Union Street, Braintree 85, Norfolk County, John Q. Wentworth, Superintendent. Organized in 1950. Annual budget, \$2,000. Area under control, 444 acres; number of people protected, 23,000.

Town of Duxbury, Board of Health, Duxbury, Plymouth County. Annual budget, \$1,300. Area under control, 15,700 acres.

Berkshire County Mosquito Control Project, Room 18, Berkshire County Court House, Pittsfield, Archibald F. Cummings, Sr., Supt. Organized in 1945. Annual budget, \$54,332. Area under control, 125,000 acres; number of people protected, 186,000.

East Middlesex Mosquito Control Project, Room 301, City Hall, Cambridge, Middlesex County, Robert L. Armstrong, Supt. Organized in 1945. Annual budget, \$37,700. Area under control, 36,000 acres; 25,000 catch basins; number of people protected, 440,000.

Nantucket Mosquito Control, 48 West Chester Street, Nantucket, Nantucket County, John H. Kittila, Supt. Organized in 1926. Annual budget, \$4,500. Area

under control, 50 miles of ditching; number of people protected, 20,000.

North Shore Maintenance Project, Reclamation Board, State Department of Agriculture, 41 Tremont St., Boston. Organized in 1933. Annual budget, \$6,700. Area under control, 20,000 acres; number of people protected, 250,000.

South Shore Mosquito Maintenance Project, Summer Street, Marshfield Hills, Plymouth County, Lyman S. Kent, Supervisor. Organized in 1931. Annual budget, \$18,000. Area under control, 13,433 acres; number of people protected, 300,000.

City of Westwood, Board of Health, Westwood, Norfolk County, Albert H. Bryant, Supt. Organized in 1947. Annual budget, \$2,000. Area under control, 7,200 acres; number of people protected, 6,000.

Michigan—Saginaw City Health Department, Room 110, City Hall, Saginaw, Saginaw County, Nelson Hall, Supervisor. Organized in 1946. Annual budget, \$3,500. Area under control, 17 square miles; number of people protected, 97,000.

City of Monroe, Monroe, Monroe County, L. Ray Servis, Supt. Organized in 1946. Annual budget, \$2,000. Area under control, 8 square miles; number of people protected, 23,000.

Minnesota—State of Minnesota, Department of Agriculture, Dairy and Food, 301 Coffey Hall, Bureau of Plant Industry, University Farm, St. Paul 1, A. W. Buzicky, Associate State Entomologist.

Several towns have adult mosquito control programs with the work being carried out under contract with commercial operators utilizing aircraft or fog generators. A mosquito abatement law has been passed and communities undoubtedly will take advantage of it in the near future.

Mississippi—Mississippi State Board of Health, Jackson, H. A. Kroeze, State Director, CDCA (State-wide). Annual budget, \$240,000. Number of homes treated with residual sprays, 111,063.

Missouri—Missouri State Department of Health, Jefferson City, W. Scott Johnson, State Director, CDCA (State-wide).

Annual budget, \$108,990. Number of homes treated with residual spray, 24,029.

Missouri State Department of Health, Malden Municipal Airport, Malden, Milfred D. Plummer, Malaria Control Specialist, CDCA (State-wide). Annual budget, \$115,260. Number of homes treated with residual sprays, 23,149.

Montana—City of Great Falls, City-County Health Department, Great Falls, Cascade County, William Shea, Sanitarian. Organized in 1922. Annual budget, \$4,505. Area under control, 2,747 square miles; number of people protected, 55,500.

City of Malta Mosquito Control, Malta, Phillips County, R. G. Monroe, Mayor. Organized in 1948. Annual budget, \$3,000. Area under control, 640 acres; number of people protected, 3,000.

City of Glasgow Mosquito Control, Glasgow, Valley County, R. C. Fargo, City Engineer. Organized in 1948. Annual budget, \$2,000. Area under control, City of Glasgow; number of people protected, City of Glasgow.

Choteau Chamber of Commerce, Choteau, Teton County, President, Chamber of Commerce. Organized in 1941. Annual budget, \$250. Area under control, 640 square miles; number of people protected, 1,900.

Nebraska—City of Chadron, Chadron, Dawes County, R. C. O'Reilly, City Manager. Annual budget, \$150. Area under control, 3.5 acres; number of people protected, 5,000.

City of Holdrege, Holdrege, Phelps County. Organized in 1948. Annual budget, \$1,300.

New Hampshire—Hampton Beach Precinct, 62 Marsh Avenue, Hampton Beach, Rockingham County, A. R. Bragg, Treasurer. Organized in 1947. Annual budget, \$730. Area under control, 1.5 square miles; number of people protected, 25,000.

New Jersey—Atlantic County Mosquito Extermination Commission, 5 South Virginia Avenue, Atlantic City, Fred A. Reiley, Supt. Organized in 1912. Annual budget, \$33,616. Area under control,

121,000 acres; number of people protected, 395,000.

Bergen County Mosquito Extermination Commission, Room 420, Administrative Building, Hackensack, Vernon Conant, Supt. Organized in 1914. Annual budget, \$67,000. Area under control, 8,000 acres salt marsh; 241 square miles upland; number of people protected, 540,000.

Burlington County Mosquito Extermination Commission, County Office Building, High and Union Streets, Mount Holly, Earle D. Potter, Supt. Organized in 1931. Annual budget, \$20,000. Area under control, 10,000 acres; number of people protected, 106,000.

Cape May County Mosquito Extermination Commission, R.F.D. 1154, Court House, Cape May, Boyd M. Lafferty, Executive-Secretary. Organized in 1915. Annual budget, \$14,590. Area under control, 56,300 acres; number of people protected, 443,000.

Essex County Mosquito Extermination Commission, 226 Morris Avenue, Newark 3, George W. Eager, Supt. Organized in 1912. Annual budget, \$168,200. Area under control, 8,700 acres; number of people protected, 1,000,000.

Hudson County Mosquito Extermination Commission, 921 Bergen Avenue, Jersey City, Frank D. Donovan, Acting Secretary. Organized in 1912. Area under control, 12,000 acres; number of people protected, 700,000.

Mercer County Mosquito Extermination Commission, Court House, Trenton 10, Harold G. Black, Supt. Organized in 1912. Annual budget, \$22,200. Area under control, 144,640 acres; number of people protected, 220,000.

Middlesex County Mosquito Extermination Commission, P. O. Box 346, Parsonage Road, Metuchen, Lester W. Smith, Supt. Organized in 1914. Annual budget, \$45,000. Area under control, 7,000 acres saltmarsh; 65 square miles upland; number of people protected, 200,000.

Monmouth County Mosquito Extermination Commission, 54 Broad Street, Red Bank, Samuel Smith, Supt. Organ-

ized in 1914. Annual budget, \$25,000. Area under control, 12,110 breeding spots; number of people protected, 662,000.

Morris County Mosquito Extermination Commission, 3 Franklin Place, Morris Plains, Roy Wilson, Supt. Organized in 1927. Annual budget, \$35,000. Number of people protected, 200,000.

Ocean County Mosquito Extermination Commission, Manahawkin, Stephen Johnson, Supt. Organized in 1916. Annual budget, \$40,000. Area under control, 45,000 acres.

Passaic County Mosquito Extermination Commission, County Administration Bldg., Hamilton and Ward Streets, Paterson 1, John Flynn, Supt. Organized in 1912. Annual budget, \$38,500. Area under control, 120,000 acres; number of people protected, 340,000.

Somerset County Mosquito Extermination Commission, Court House, Somerville, Robert McChesney, Supt. Organized in 1945. Annual budget, \$17,000. Area under control, 305 square miles; number of people protected, 65,000.

Sussex County Mosquito Extermination Commission, Sussex and Merchants National Bank Bldg., Newton, L. P. Dolan, Secretary. Organized in 1925. Annual budget, \$1,000.

Union County Mosquito Extermination Commission, 324 North Avenue, East Cranford, George E. Powers, Supt. Organized in 1912. Annual budget, \$94,000. Area under control, 100 square miles; number of people protected, 420,000.

Passaic Valley Dredging Program (Essex and Morris Co. Mosquito Extermination Comm.), 3 Franklin Place, Morris Plains, Robert L. Vannote, Supt. Organized in 1938. Annual budget, \$33,000. Area affected, 14,000 acres; number of people protected, 1,250,000.

New Mexico — Dona Ana County Health Department, Las Cruces, H. T. Miller, Sanitarian. Organized in 1927. Annual budget, \$6,000. Area under control, 250 acres; number of people protected, 30,000.

New York — Suffolk County Mosquito

Control Commission, Yaphank Avenue, Yaphank, Long Island, C. T. Williamson, Supt. Organized in 1933. Annual budget, \$214,000. Area under control, 50,000 acres; number of people protected, 300,000.

Nassau County Department of Public Works, Mosquito Control Division, 411 South Grove Street, Freeport, Long Island, LeRoy Kinsey, Deputy Commissioner. Organized in 1916. Annual budget, \$600,000. Area under control, 274 square miles; number of people protected, 660,000.

City of Schenectady, City Hall, Schenectady County, Morris M. Cohn, Public Health Engineer. Organized in 1944. Annual budget, \$5,500. Area under control, 400 acres; number of people protected, 100,000.

North Carolina — North Carolina State Board of Health, Raleigh, Charles M. White, State Director, CDCA (State-wide). Annual budget, \$75,000. Number of homes treated with residual sprays, 73,000.

North Dakota — City of Fargo Health Department, 6 Roberts Street, Fargo, Cass County, C. L. Bradley, Senior Sanitarian. Organized in 1945. Annual budget, \$4,000. Area under control, 2,000 acres; number of people protected, 40,000.

City of Grand Forks Health Department, Grand Forks, Grand Forks County, Marvin W. Dehn. Organized in 1946. Annual budget, \$300. Number of people protected, 30,000.

Upper Missouri Health District, Williston, Williams County, Dr. Alan K. Johnson, District Health Officer. Organized in 1947. Annual budget, \$17,856. Area under control, 1,000 acres; number of people protected, 12,000.

Bismarck Mosquito Control, Bismarck Department of Health, Bismarck, Burleigh County, Dr. P. L. Owens, Supt. Organized in 1945. Area under control, 450 acres.

Ohio — Toledo Area Sanitary District, 5015 Stickney Avenue, Toledo 12, Lucas County, Dr. H. A. Crandall, Supt. Organized in 1945. Annual budget, \$130,000.

Area under control, 150 square miles; number of people protected, 375,000.

Oklahoma — Oklahoma State Department of Health, 3400 North Eastern, Oklahoma City 5, G. F. Mathews, Commissioner. Number of homes treated with residual sprays, 34,334.

Oregon — City of Portland, Multnomah County Mosquito Control, Bureau of Insect Control, 6525 Southwest, Capitol Hill Road, Portland, Arthur H. Woody, Insect Abatement Supervisor. Organized in 1929. Annual budget, \$36,243.60. Area under control, 47,000 acres; number of people protected, 468,500.

Umatilla County Health Department, Box 20, Pendleton, R. H. Wilson, Health Officer. Organized in 1948. Annual budget, \$8,000. Area under control, 4,500 acres; number of people protected, 23,000.

Sweet Home Service Club Mosquito Control, Sweet Home, Linn County, Fred Farrier, Supt. Organized in 1950. Annual budget, \$1,200. Area under control, 400 acres; number of people protected, 4,000.

Pennsylvania — Delaware County Mosquito Extermination Commission, Court House, Media, R. W. Gies, Director. Organized in 1936. Annual budget, \$50,000. Area under control, 185 square miles; number of people protected, 415,000.

Blair County Mosquito Extermination Commission, Hollidaysburg, Lewis Gwin, Director. Organized in 1936. Annual budget, \$15,000. Area under control, 425 square miles; number of people protected, 175,000.

City of Philadelphia, Public Works, Philadelphia, Paul McMurray, Director. Organized in 1925. Annual budget, \$35,000. Area under control, 30 square miles; number of people protected, 105,000.

U. S. Philadelphia Navy Base, Navy Base and Naval Hospital, J. D. Hillpot, Chief Warrant Officer. Organized in 1941. Annual budget, \$12,000. Area under control, 4 square miles; number of people protected, 20,000.

City of Bristol, Bristol, Bucks County, Herman Silber, Director. Organized in

1950. Annual budget, \$3,000. Area under control, 8 square miles; number of people protected, 26,000.

City of Hazelton, Hazelton, Luzerne County, Paul LaMonte, Director. Organized in 1940. Annual budget, \$4,000. Area under control, 8 square miles; number of people protected, 30,000.

City of Allentown, Health Department, Lehigh County. Organized in 1946. Annual budget, \$1,200. Area under control, 10 square miles; number of people protected, 100,000.

Borough of Sayre, Sayre, Bradford County, C. E. Harper, Director. Organized in 1950. Annual budget, \$2,000. Area under control, 6 square miles; number of people protected, 8,500.

Borough of Phillipsburg, Phillipsburg, Centre County, Hugh Green, Director. Organized in 1947. Annual budget, \$4,000. Area under control, 5 square miles; number of people protected, 5,000.

Pottstown Chamber of Commerce, Pottstown, Montgomery County, Dr. John Miller, Director. Organized in 1947. Annual budget, \$1,200. Area under control, 5 square miles; number of people protected, 20,000.

City of Gettysburg, Gettysburg, Adams County, F. H. Himmelbaugh, Director. Organized in 1948. Annual budget, \$1,500. Area under control, 5 square miles; number of people protected, 5,000.

City of Morrisville, Morrisville, Bucks County, William Howell, Secretary. Organized in 1950. Annual budget, \$1,000. Area under control, 4 square miles; number of people protected, 10,000.

City of Somerset, Somerset, Somerset County, Borough Secretary. Organized in 1947. Annual budget, \$600. Area under control, 3 square miles; number of people protected, 4,000.

City of Buck Hill Falls, Buck Hill Falls, Monroe County, C. M. Reese, Director. Organized in 1935. Annual budget, \$2,500. Area under control, 10 square miles; number of people protected, 2,000.

Presque Isle State Park, Erie, Erie County, Millard Davis, Director. Organ-

ized in 1949. Annual budget, \$1,000. Area under control, 7 square miles; number of visitors protected, 500,000.

Borough of Chambersburg, Chambersburg, Franklin County, C. E. Pfouts, Engineer. Organized in 1948. Annual budget, \$500. Area under control, 5 square miles; number of people protected, 25,000.

City of Lock Haven, Lock Haven, Clinton County, City Health Officer. Organized in 1949. Annual budget, \$800. Area under control, 3 square miles; number of people protected, 20,000.

Oreland Civic Association, Oreland, Montgomery County, Mr. Longstreth, Director. Organized in 1949. Annual budget, \$500. Area under control, 2 square miles; number of people protected, 2,000.

City of Grove City, Grove City, Mercer County, Dr. W. W. Sweezy, Director. Organized in 1948. Annual budget, \$600. Area under control, 3 square miles; number of people protected, 8,000.

Middletown Air Depot, Middletown, Dauphin County, Colonel W. Kelly, Director. Organized in 1948. Annual budget, \$1,000. Area under control, 2 square miles; number of people protected, 12,000.

Rhode Island—Rhode Island matches city and town funds and all mosquito control work is under general State supervision.

Rhode Island Department of Agriculture, 310 State House, Providence, William V. Bartosewitz, Supt. Organized in 1932. Annual budget, \$30,000. Area under control, 6,000 acres; number of people protected, 65,000.

Town of Barrington, Barrington, Bristol County, Brooks Hawkins, Supt. Organized in 1934. Annual budget, \$3,000. Area under control, 5,400 acres; number of people protected, 7,000.

Town of Bristol, Bristol, Bristol County, Joseph F. Pannone, Supt. Organized in 1935. Annual budget, \$3,500. Area under control, 6,300 acres; number of people protected, 13,000.

City of Central Falls, Central Falls, Providence County, Edmond R. Robert, Supt. Organized in 1948. Annual budget, \$1,500. Area under control, 600 acres; number of people protected, 3,200.

Camp Fire Girls, Town of Charleston, Washington County, Linton Brown, Supt. Organized in 1945. Annual budget, \$200. Area under control, 35 acres; number of people protected, 400.

Town of Narragansett, Narragansett, Washington County, Arthur E. Miller, Supt. Organized in 1946. Annual budget, \$1,500. Area under control, 9,300; number of people protected, 5,000.

City of Newport, Health Department, City Hall, Newport, Newport County, Dr. Norman MacLeod, Supt. Organized in 1945. Annual budget, \$3,000. Area under control, 2,700; number of people protected, 32,000.

Town of New Shoreham, New Shoreham, Newport County, George C. Sheffield, Supt. Organized in 1949. Annual budget, \$1,000. Area under control, 2,000 acres; number of people protected, 1,500.

Town of North Kingston, Town Hall, North Kingston, Washington County, Charles Northrup, Supt. Organized in 1940. Annual budget, \$1,500. Area under control, 9,200 acres; number of people protected, 4,700.

City of Pawtucket, City Hall, Pawtucket, Providence County, William Fortin, Supt. Organized in 1946. Annual budget, \$3,000. Area under control, 1,500 acres; number of people protected, 6,700.

City of Providence, City Hall, Providence, Providence County, Elmer Ballou, Supt. Organized in 1924. Annual budget, \$12,000. Area under control, 12,000 acres; number of people protected, 255,000.

City of Portsmouth, Town Hall, Portsmouth, Newport County, Arthur Sherman, Supt. Organized in 1937. Annual budget, \$1,300. Area under control, 4,200 acres; number of people protected, 6,000.

Town of Smithfield, Smithfield, Providence County, Margaret A. Crepeau, Supt. Organized in 1947. Annual budget, \$150.

Area under control, 65 acres; number of people protected, 350.

Town of Warren, Warren, Bristol County, Anthony Maderios, Supt. Organized in 1937. Annual budget, \$800. Area under control, 4,198 acres; number of people protected, 8,000.

City of Warwick Neck, Warwick Neck, Kent County, Robert C. Barber, Supt. Organized in 1936. Annual budget, \$1,500. Area under control, 2,300 acres; number of people protected, 28,000.

Town of Westerly, Westerly, Washington County, Frank Terisi, Supt. Organized in 1932. Annual budget, \$1,000. Area under control, 8,500 acres; number of people protected, 12,000.

Town of West Warwick, West Warwick, Kent County, Henry Petraca, Supt. Organized in 1939. Annual budget, \$2,500. Area under control, 5,200 acres; number of people protected, 19,000.

City of Woonsocket, Woonsocket, Providence County, Charles E. Nicholson, Supt. Organized in 1939. Annual budget, \$9,050. Area under control, 5,000 acres; number of people protected, 50,000.

South Carolina—State Board of Health, Columbia, Dr. G. E. McDaniel, State Director, CDCA (State-wide). Annual budget, \$459,500. Number of homes treated with residual sprays, 171,941.

South Dakota—A preliminary draft of mosquito control regulations has been drawn up, but at present no mosquito control programs are operating in the state.

Tennessee—Department of Public Health, Nashville, Dr. C. B. Tucker, State Director, CDCA (State-wide). Annual budget, \$130,596. Number of homes treated with residual sprays, 26,888.

Texas—State Department of Health, Austin, C. H. Billings, Acting Assistant State Director, CDCA (State-wide). Number of homes treated with residual sprays, 76,521.

Jefferson County Mosquito Control Commission, Beaumont, Albert L. Laferty, Supt. Organized in 1950. Annual budget, \$92,000. Area under control,

124,000 acres; number of people protected, 200,000.

Utah — Salt Lake City Mosquito Abatement District, 401 City and County Bldg., Salt Lake County, Robert A. Wilkins, Manager. Organized in 1924. Annual budget, \$52,000. Area under control, 101 square miles; number of people protected, 185,000.

Magna Mosquito Abatement District, Box 6, Magna, Salt Lake County, O. C. Finley, Supt. Organized in 1946. Annual budget, \$12,000. Area under control, 100 square miles; number of people protected, 15,000.

Weber County Mosquito Abatement District, 2441 Grant Avenue, Ogden, Dr. Orson Whitney Young, Supt. Organized in 1947. Annual budget, \$32,000. Area under control, 1,500 acres; number of people protected, 80,000.

Box Elder County Mosquito and Fly Abatement District, 53 South 6th West, Brigham City, Karl L. Josephson, Supervisor. Organized in 1945. Annual budget, \$21,000. Area under control, 5,000 acres; number of people protected, 25,000.

Vermont — Brandon Organization for Mosquito Control, Brandon, Rutland County, Thomas J. Maroney, Supt. Organized in 1945. Annual budget, \$1,000. Number of people protected, 2,500.

Lake Dunmore Improvement Association, Brandon, Gladys C. Britten, Supt. Organized in 1935. Annual budget, \$500. Area under control, 1,000 acres; number of people protected, 1,000.

Virginia — Virginia Beach-Princess Anne County Mosquito Control Commission, Town Hall, Virginia Beach, R. G. Carter, Supt. Organized in 1940. Annual budget, \$25,000. Area under control, 4,000 acres; number of people protected, 50,000.

Kempsville Mosquito Control Commission, Box 321, Route 1, Bayside, Princess Anne County, E. R. Hines, Secretary-Treasurer. Organized in 1948. Annual budget, \$2,800. Area under control, 1,700 acres; number of people protected, 8,000.

Tanners Creek Mosquito Control Com-

mission, P. O. Box 1576, Norfolk, Norfolk County, George W. Hackworth, Supt. Organized in 1948. Annual budget, \$14,000. Area under control, 7,000 acres; number of people protected, 40,000.

South Norfolk Mosquito Control Commission, Essex Bldg., Norfolk, Norfolk County, R. E. Dorer, Supt. Organized in 1949. Annual budget, \$4,000. Area under control, 1,400 acres; number of people protected, 13,000.

Portsmouth City Mosquito Control Commission, City Health Department, Portsmouth, Norfolk County, A. P. Page, Jr., Supt. Organized in 1947. Annual budget, \$15,000. Area under control, 7,000 acres; number of people protected, 70,500.

Norfolk City Mosquito Control Commission, Municipal Bldg., Norfolk, Norfolk County, Perry W. Ruth, Technical Advisor. Organized in 1946. Annual budget, \$66,000. Area under control, 23,800 acres; number of people protected, 182,500.

Suffolk Mosquito Control Commission, Town Hall, Suffolk, Nansemet County, Lee Everett, Sanitary Officer. Organized in 1948. Annual budget, \$3,000. Area under control, 2,200 acres; number of people protected, 12,000.

Franklin Mosquito Control Commission, Town Hall, Franklin, Southampton County, R. E. Dorer, Supt. Organized in 1949. Annual budget, \$4,000. Area under control, 1,300; number of people protected, 8,000.

Elizabeth City County Mosquito Control Commission, P. O. Box 106, Hilton Village, N. S. Beaton, Sr., Supt. Organized in 1945. Annual budget, \$15,800. Area under control, 25,000 acres; number of people protected, 54,500.

Warwick County Mosquito Control Commission, P. O. Box 106, Hilton Village, N. S. Beaton, Sr., Supt. Organized in 1946. Annual budget, \$19,000. Area under control, 45,000 acres; number of people protected, 39,000.

Williamsburg Mosquito Control Commission, Town Hall, Williamsburg, James

City County, Hugh B. Rice, City Manager. Organized in 1947. Annual budget, \$3,000. Area under control, 800 acres; number of people protected, 14,000.

City of Petersburg, Health Department, Petersburg, Dinwiddie County, J. L. Spain, Senior Sanitarian. Organized in 1935. Annual budget, \$595. Area under control, 60 catch basins and 23 streams; number of people protected, 35,000.

Richmond City Health Department, Rodent and Insect Control, 108 West Cary Street, Richmond, W. H. Gill, Supt. Organized in 1947. Area under control, 770 acres; number of people protected, 238,000.

Washington—Skamania County Mosquito Control, Beacon Rock State Park, Stevenson, C. B. Hadley, Supt. Organized in 1930. Annual budget, \$2,000. Area under control, 2,500 acres; number of people protected, 19,000.

Clark County Health Department, Vancouver, George Hutton, Supt. Organized in 1947. Annual budget, \$5,000. Area under control, 14,000 acres; number of people protected, 84,700.

Cowlitz County Mosquito Control, Cowlitz County Health Department, Kelso, Joe Walker, Sanitarian. Organized in 1948. Annual budget, \$10,000. Area under control, 22,000 acres; number of people protected, 51,200.

Grant County Mosquito Control, County Health Unit, Ephrata.

Four local communities, Moses Lake, Coulee City, Hartline and Wilson Creek are doing a certain amount of mosquito control. Information on these units may be obtained by writing the mayors of these cities.

Hanford Works Mosquito Control Committee, Richland, Benton County, L. G. Koch, Supt. Organized in 1945. Area under control, 5,000 acres; number of people protected, 30,000.

Wisconsin—City of Horicon Mosquito Control, Horicon, Dodge County, L. D. Erdman, Supt. Organized in 1948. Annual budget, \$2,000. Area under control, 1,000 acres; number of people protected, 2,800.

City of New London Mosquito Control, New London, Waupaca County, Dr. George Kopp, Supt. Organized in 1947. Annual budget, \$3,500. Area under control, 310 acres; number of people protected, 5,000.

Wyoming—City of Thermopolis-Hot Springs County Mosquito Control District, Thermopolis, Bill Virgin, Supt. Organized in late 1920's. Annual budget, \$600. Area under control, 300 acres; number of people protected, 4,000.

City of Worland, Jay Cee's, Worland, Washakie County, Robert Smith, Supervisor. Annual budget, \$500.

Hawaii—Bureau of Mosquito Control, Territorial Department of Health, P. O. Box 3378, Honolulu, Dr. Stephen M. K. Hu, Supt. Organized in 1943. Annual budget, \$100,000. Area under control, 6,435 square miles; number of people protected, 527,500.

Puerto Rico—Bureau of Malaria and Insects Control, Department of Health, Santurce, Engineer Felix C. Garcia, Chief. Organized in 1925. Annual budget, \$317,000. Area under control, 80,000 acres; number of people protected, 800,000.