

**Adult Mosquito Occurrence Report - Carbon Dioxide Traps**

SOURCE: State of California, Department of Public Health, Vector-Borne Disease Section

For surveillance week 25 ending 6/22/2019

|  | <u>URBAN</u> |      |      |      |     |      |      |     |     | <u>SUBURBAN</u> |       |       |       |     |      |      |     |     | <u>RURAL</u> |       |      |      |      |       |     |      |     |
|--|--------------|------|------|------|-----|------|------|-----|-----|-----------------|-------|-------|-------|-----|------|------|-----|-----|--------------|-------|------|------|------|-------|-----|------|-----|
|  | TRAPS        | Ct   | CP   | CX   | AN  | AE   | CS   | PS  | O   | TRAPS           | Ct    | CP    | CX    | AN  | AE   | CS   | PS  | O   | TRAPS        | Ct    | CP   | CX   | AN   | AE    | CS  | PS   | O   |
| <b>Coastal</b>                           |              |      |      |      |     |      |      |     |     |                 |       |       |       |     |      |      |     |     |              |       |      |      |      |       |     |      |     |
| Alameda County MAD                       | 21           | 2.9  | 2.0  | 7.0  | 0.0 | 0.2  | 9.4  | 0.0 | 0.0 | 23              | 7.4   | 0.3   | 17.5  | 0.3 | 0.4  | 1.0  | 0.0 | 0.0 | 26           | 19.0  | 0.2  | 27.3 | 0.0  | 2.3   | 3.4 | 0.0  | 0.0 |
| Contra Costa MVCD                        | 3            | 9.3  | 3.7  | 0.0  | 0.0 | 0.3  | 1.3  | 0.0 | 0.0 | 12              | 20.8  | 1.8   | 0.0   | 0.0 | 0.6  | 3.3  | 0.0 | 0.0 | 6            | 31.7  | 5.3  | 5.2  | 0.2  | 70.2  | 0.7 | 0.0  | 0.0 |
| Marin-Sonoma MVCD                        |              |      |      |      |     |      |      |     |     | 8               | 5.9   | 0.4   | 1.6   | 0.0 | 0.3  | 0.5  | 0.0 | 0.0 | 31           | 9.1   | 0.9  | 1.5  | 0.0  | 1.9   | 1.6 | 0.0  | 0.0 |
| Napa County MAD                          |              |      |      |      |     |      |      |     |     | 2               | 177.5 | 18.0  | 0.5   | 0.0 | 24.5 | 6.0  | 0.0 | 0.0 | 7            | 152.9 | 0.0  | 0.0  | 0.0  | 7.0   | 1.7 | 0.0  | 0.0 |
| North Salinas Valley MAD                 |              |      |      |      |     |      |      |     |     | 1               |       |       |       |     |      |      |     |     | 1            | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0 | 0.0  | 0.0 |
| San Benito County Vector Control Program | 4            | 0.3  | 0.0  | 0.0  | 0.3 | 0.8  | 2.0  | 0.0 | 0.0 | 7               | 0.1   | 0.0   | 0.0   | 0.1 | 0.0  | 2.6  | 0.0 | 0.0 | 8            | 3.6   | 19.9 | 0.0  | 1.9  | 0.6   | 0.4 | 0.0  | 0.0 |
| San Mateo County MVCD                    | 24           | 2.0  | 25.6 | 0.3  | 0.0 | 0.2  | 2.1  | 0.0 | 0.0 | 12              | 0.8   | 5.1   | 0.1   | 0.5 | 1.3  | 2.6  | 0.0 | 0.0 | 8            | 0.4   | 1.4  | 0.0  | 0.1  | 10.1  | 1.1 | 0.0  | 0.0 |
| Santa Clara County VCD                   |              |      |      |      |     |      |      |     |     | 16              | 0.1   | 2.1   | 0.0   | 0.0 | 0.0  | 0.4  | 0.0 | 0.0 | 4            | 6.3   | 0.0  | 0.0  | 0.5  | 0.0   | 0.0 | 0.0  | 0.0 |
| Santa Cruz County MVCD                   | 24           | 0.7  | 3.0  | 6.0  | 0.0 | 0.3  | 2.3  | 0.0 | 0.0 | 10              | 1.0   | 2.2   | 0.3   | 0.1 | 0.5  | 3.9  | 0.0 | 0.0 | 11           | 1.7   | 1.4  | 10.8 | 0.7  | 1.1   | 3.6 | 0.0  | 0.0 |
| Solano County MAD                        | 3            | 0.7  | 3.3  | 0.0  | 0.0 | 0.0  | 0.7  | 0.0 | 0.0 | 13              | 5.5   | 21.6  | 0.6   | 0.0 | 0.0  | 1.6  | 0.0 | 0.0 | 8            | 6.9   | 9.5  | 1.9  | 0.6  | 1.1   | 3.8 | 0.0  | 0.0 |
| <b>Northern San Joaquin Valley</b>       |              |      |      |      |     |      |      |     |     |                 |       |       |       |     |      |      |     |     |              |       |      |      |      |       |     |      |     |
| East Side MAD                            | 5            | 2.4  | 5.2  | 1.6  | 0.0 | 0.0  | 0.8  | 0.0 | 0.0 | 6               | 4.2   | 6.5   | 3.2   | 0.5 | 0.0  | 0.7  | 0.0 | 0.0 | 15           | 51.1  | 1.9  | 3.0  | 1.9  | 72.2  | 2.4 | 0.0  | 0.0 |
| Merced County MAD                        | 3            | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.3  | 0.0 | 0.0 | 14              | 4.2   | 8.4   | 0.0   | 0.0 | 0.0  | 0.4  | 0.0 | 0.0 | 13           | 13.4  | 13.9 | 0.0  | 0.0  | 7.1   | 0.0 | 0.0  | 0.0 |
| San Joaquin County MVCD                  | 23           | 17.3 | 25.7 | 0.0  | 0.0 | 2.0  | 15.1 | 0.0 | 0.0 | 8               | 10.4  | 18.8  | 3.1   | 0.3 | 0.1  | 3.1  | 0.0 | 0.0 | 43           | 73.8  | 34.4 | 12.7 | 1.2  | 23.2  | 2.2 | 0.0  | 0.0 |
| Turlock MAD                              | 15           | 19.5 | 16.8 | 0.0  | 0.0 | 1.0  | 2.0  | 0.0 | 0.0 | 14              | 27.9  | 18.9  | 0.0   | 2.7 | 6.7  | 12.1 | 0.0 | 0.0 | 18           | 71.2  | 46.2 | 0.0  | 1.0  | 4.6   | 0.9 | 0.0  | 0.0 |
| <b>Sacramento Valley</b>                 |              |      |      |      |     |      |      |     |     |                 |       |       |       |     |      |      |     |     |              |       |      |      |      |       |     |      |     |
| Lake County VCD                          |              |      |      |      |     |      |      |     |     | 6               | 19.5  | 0.0   | 0.3   | 1.8 | 18.7 | 0.2  | 0.0 | 0.0 | 17           | 24.0  | 0.0  | 3.9  | 10.9 | 122.5 | 6.4 | 0.0  | 0.0 |
| Placer MVCD                              | 2            | 2.5  | 4.5  | 1.5  | 1.5 | 3.5  | 4.0  | 0.0 | 0.0 | 24              | 3.1   | 10.8  | 0.4   | 0.7 | 4.0  | 5.5  | 0.0 | 0.0 | 26           | 7.9   | 1.7  | 0.7  | 0.6  | 7.1   | 0.5 | 0.0  | 8.4 |
| Sacramento-Yolo MVCD                     |              |      |      |      |     |      |      |     |     | 58              | 5.9   | 27.2  | 0.9   | 1.2 | 0.3  | 22.8 | 0.0 | 0.0 | 37           | 20.2  | 20.5 | 0.6  | 1.5  | 1.1   | 2.2 | 0.0  | 0.0 |
| Shasta MVCD                              | 1            | 8.0  | 0.0  | 0.0  | 2.0 | 38.0 | 3.0  | 0.0 | 0.0 | 15              | 1.9   | 6.2   | 0.3   | 1.3 | 1.6  | 5.4  | 0.0 | 0.8 | 48           | 6.1   | 2.9  | 0.6  | 1.6  | 5.2   | 2.2 | 0.0  | 0.3 |
| Sutter-Yuba MVCD                         |              |      |      |      |     |      |      |     |     | 9               | 9.9   | 10.1  | 0.0   | 0.2 | 0.1  | 1.3  | 0.0 | 0.0 | 6            | 11.5  | 2.3  | 0.0  | 0.2  | 0.3   | 0.2 | 0.0  | 0.0 |
| <b>Southern San Joaquin Valley</b>       |              |      |      |      |     |      |      |     |     |                 |       |       |       |     |      |      |     |     |              |       |      |      |      |       |     |      |     |
| Consolidated MAD                         | 1            | 1.0  | 9.0  | 5.0  | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 |                 |       |       |       |     |      |      |     |     | 22           | 10.6  | 15.8 | 50.0 | 1.0  | 1.4   | 1.2 | 0.0  | 0.0 |
| Delano MAD                               |              |      |      |      |     |      |      |     |     | 1               | 40.0  | 192.0 | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 9            | 42.0  | 53.6 | 7.1  | 0.0  | 0.7   | 0.0 | 0.0  | 0.0 |
| Delta VCD                                | 9            | 27.9 | 51.6 | 0.0  | 0.0 | 0.0  | 0.1  | 0.0 | 0.0 | 2               | 3.5   | 20.0  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 6            | 14.3  | 35.8 | 0.0  | 0.0  | 0.0   | 1.2 | 0.0  | 0.0 |
| Fresno MVCD                              | 13           | 1.6  | 1.9  | 0.0  | 0.0 | 0.0  | 0.2  | 0.0 | 0.0 | 15              | 1.1   | 1.6   | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 17           | 3.2   | 0.8  | 0.0  | 3.9  | 0.0   | 0.1 | 0.0  | 0.0 |
| Fresno Westside MAD                      |              |      |      |      |     |      |      |     |     | 5               | 33.8  | 9.0   | 0.0   | 0.0 | 1.4  | 0.0  | 0.0 | 0.0 | 18           | 67.6  | 30.0 | 0.0  | 0.1  | 4.1   | 0.0 | 0.0  | 0.0 |
| Kern MVCD                                | 20           | 18.3 | 25.3 | 0.0  | 0.1 | 0.1  | 0.4  | 0.0 | 0.0 | 16              | 50.8  | 39.0  | 0.0   | 2.0 | 0.1  | 0.3  | 0.0 | 0.0 | 50           | 84.6  | 42.6 | 0.0  | 12.9 | 7.1   | 0.0 | 0.0  | 0.0 |
| Kings MAD                                |              |      |      |      |     |      |      |     |     | 2               | 56.0  | 5.5   | 0.0   | 0.5 | 1.5  | 0.0  | 0.0 | 0.0 | 10           | 150.0 | 3.6  | 2.3  | 8.7  | 1.4   | 0.0 | 0.0  | 0.0 |
| West Side MVCD                           |              |      |      |      |     |      |      |     |     | 2               | 631.5 | 0.0   | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 2            | 631.5 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0 | 0.0  | 0.0 |
| <b>Southern California</b>               |              |      |      |      |     |      |      |     |     |                 |       |       |       |     |      |      |     |     |              |       |      |      |      |       |     |      |     |
| Antelope Valley MVCD                     | 2            | 1.5  | 1.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 7               | 4.1   | 1.9   | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 1            | 146.0 | 2.0  | 0.0  | 0.0  | 0.0   | 0.0 | 0.0  | 0.0 |
| Coachella Valley MVCD                    |              |      |      |      |     |      |      |     |     | 53              | 0.8   | 18.1  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 32           | 149.6 | 71.5 | 8.3  | 0.7  | 73.8  | 0.0 | 10.3 | 0.0 |
| Riverside Co. EHD                        | 2            | 0.0  | 2.0  | 0.5  | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 9               | 4.3   | 1.6   | 64.2  | 1.1 | 0.0  | 0.3  | 0.0 | 0.0 | 2            | 1.0   | 0.0  | 15.5 | 0.0  | 0.0   | 4.0 | 0.0  | 0.0 |
| Greater LA County VCD                    | 85           | 0.8  | 20.9 | 18.0 | 0.1 | 0.0  | 5.0  | 0.0 | 0.0 |                 |       |       |       |     |      |      |     |     | 1            | 0.0   | 35.0 | 0.0  | 0.0  | 0.0   | 5.0 | 0.0  | 0.0 |
| Long Beach Vector Control Program        | 8            | 0.0  | 12.9 | 4.8  | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 1               | 0.0   | 10.0  | 100.0 | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 |              |       |      |      |      |       |     |      |     |

Female mosquitoes per trap night = # mosquitoes/(# traps x # nights) Note: New agencies will be added as reports are received NR = No report at time of publication

Ct=Culex tarsalis CP= Culex pipiens/quinqüefasciatus CX=Other Culex AN=Anopheles AE=Aedes CS=Culiseta PS=Psorophora O=Other

|   |    |     |      |     |     |     |     |     |     |    |     |      |       |      |     |     |     |     |    |      |      |       |      |     |     |     |     |
|---|----|-----|------|-----|-----|-----|-----|-----|-----|----|-----|------|-------|------|-----|-----|-----|-----|----|------|------|-------|------|-----|-----|-----|-----|
| Los Angeles West Vector and Vector-borne Disease Control District | 9  | 0.0 | 15.4 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 48 | 1.1 | 10.8 | 1.4   | 0.0  | 0.0 | 1.9 | 0.0 | 0.0 |    |      |      |       |      |     |     |     |     |
| Northwest Mosquito and Vector Control                             | 6  | 4.0 | 4.8  | 0.2 | 0.2 | 0.0 | 5.2 | 0.0 | 0.0 | 35 | 6.3 | 5.8  | 83.7  | 2.1  | 0.0 | 3.1 | 0.0 | 0.0 | 7  | 6.7  | 2.9  | 110.1 | 4.3  | 0.0 | 1.7 | 0.0 | 0.0 |
| Orange County Mosquito and Vector Control District                | 20 | 1.9 | 25.6 | 2.4 | 0.2 | 0.0 | 0.8 | 0.0 | 0.0 | 27 | 5.0 | 0.7  | 175.3 | 19.4 | 0.6 | 5.3 | 0.0 | 0.0 | 4  | 3.3  | 0.8  | 117.5 | 0.0  | 0.0 | 4.8 | 0.0 | 0.0 |
| Owens Valley MAP  |    |     |      |     |     |     |     |     |     | 3  | 0.0 | 0.0  | 0.0   | 0.0  | 0.0 | 0.7 | 0.0 | 0.0 | 7  | 14.7 | 0.0  | 1.0   | 1.3  | 2.4 | 0.0 | 0.0 | 0.0 |
| San Bernardino County MVC   | 24 | 0.7 | 0.2  | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31 | 2.8 | 0.1  | 3.2   | 0.0  | 0.0 | 2.3 | 0.0 | 0.0 | 12 | 0.5  | 0.7  | 0.8   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
| San Diego County Dept. of Environmental Health Vector Control     | 1  | 4.0 | 0.0  | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 12 | 1.4 | 0.0  | 352.9 | 1.3  | 0.7 | 2.9 | 0.0 | 0.0 | 1  | 0.0  | 0.0  | 5.0   | 0.0  | 0.0 | 6.0 | 0.0 | 0.0 |
| West Valley MVCD  | 13 | 4.3 | 45.7 | 5.6 | 0.4 | 0.0 | 5.1 | 0.0 | 0.0 | 5  | 2.4 | 8.2  | 144.8 | 12.8 | 0.6 | 2.8 | 0.0 | 0.0 | 3  | 79.0 | 40.7 | 20.3  | 21.0 | 0.0 | 1.7 | 0.0 | 0.0 |

Female mosquitoes per trap night = # mosquitoes/(# traps x # nights) Note: New agencies will be added as reports are received NR = No report at time of publication

Ct=Culex tarsalis CP= Culex pipiens/quinqüefasciatus CX=Other Culex AN=Anopheles AE=Aedes CS=Culiseta PS=Psorophora O=Other