# Jackson County Vector Control District

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## 9/21/2023 JCVCD Board Meeting - Ecologist Report


Andrew Partin, Vector Ecologist


-In 2023, JCVCD collected **19,644** mosquitoes (female) during routine EVS trapping compared to 21,150 mosquitoes in 2022. No invasive *Aedes* species were detected.

**2023 Surveillance Totals (through 9/13/2023)**

| Species | M | F |
|---|---|---|
| Ae dorsalis | 0 | 33 |
| Ae increpitus | 1 | 646 |
| Ae melanimon | 0 | 1 |
| Ae nigromaculis | 0 | 1 |
| Ae sierrensis | 1058 | 212 |
| Ae sticticus | 4 | 137 |
| Ae vexans | 18 | 4679 |
| An freeborni | 3 | 361 |
| An punctipennis | 1 | 188 |
| Cq perturbans | 0 | 317 |
| Cs incidens | 0 | 161 |
| Cs inornata | 0 | 202 |
| Cx erythrothorax | 0 | 44 |
| Cx pipiens | 35 | 3753 |
| Cx tarsalis | 35 | 8909 |
| Totals | 1155 | **19,644** |

-JCVCD began PCR testing in-house this year and tested **432** mosquito pools with **10** West Nile virus (WNv) positives. In 2022, JCVCD sent a total of 409 mosquito pools to Oregon State University for PCR testing with 8 WNv positives.

-Adult and nymphal ticks from winter 2022 and spring 2023 have been sent to Placer Mosquito and Vector Control District for testing and results are still pending.