This week, 2 West Nile virus (WNV) cases residing in the city of Los Angeles were documented by the Los Angeles County Department of Public Health (LAC DPH) (Table 1). Of the 43 total infections in 2018, 29 resided in the San Fernando Valley region. The most recent onset occurred 09/25/2018.

The number of infections identified so far this season is below the previous 5-year average, however, additional cases are expected to occur through the end of the year (Figure 1). Mosquito pools and dead birds continue to test positive all over LAC. See map below for WNV environmental activity in LAC for 2018.

The California Department of Public Health (CDPH) has reported 132 human cases and 5 deaths in the state. Nationally, 1,976 human cases and 86 deaths have been reported to the Centers for Disease Control and Prevention.

**Table 1. Characteristics of WNV Cases, LAC, 2018**

<table>
<thead>
<tr>
<th>Number of Cases</th>
<th>Asymptomatic Donor2</th>
<th>Clinical Presentation</th>
<th>Neuroinvasive Disease</th>
<th>Neuroinvasive Diagnosis</th>
<th>Hospitalized</th>
<th>Deaths</th>
<th>Demographics</th>
<th>Median Age (Range)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This week</td>
<td>2</td>
<td>0</td>
<td>WNV Fever</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>M/F</td>
<td>1/1 (68-75)</td>
</tr>
<tr>
<td>Year Total</td>
<td>43</td>
<td>3</td>
<td>8</td>
<td>32</td>
<td>22</td>
<td>7</td>
<td>32/11</td>
<td>65 (15-89)</td>
</tr>
</tbody>
</table>

1 Count confirmed by LAC DPH as of 10/18/18. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

2 Asymptomatic cases identified in blood or organ donors as part of routine screening.

3 Acute Flaccid Paralysis

*Figure 1. WNV Cases by Week, LAC, 2018*

*Asymptomatic blood and organ donors listed by date of donation.

*Figure 2. Zika Cases, LAC, 2015-2018 (N= 129)*

View WNV activity in LAC [here](#).

For mosquito problems, contact your [vector control](#).

To receive weekly reports email: ACDC2@ph.lacounty.gov

Acute Communicable Disease Control (213) 240-7941

[www.publichealth.lacounty.gov/acd/VectorWestNile.htm](http://www.publichealth.lacounty.gov/acd/VectorWestNile.htm)