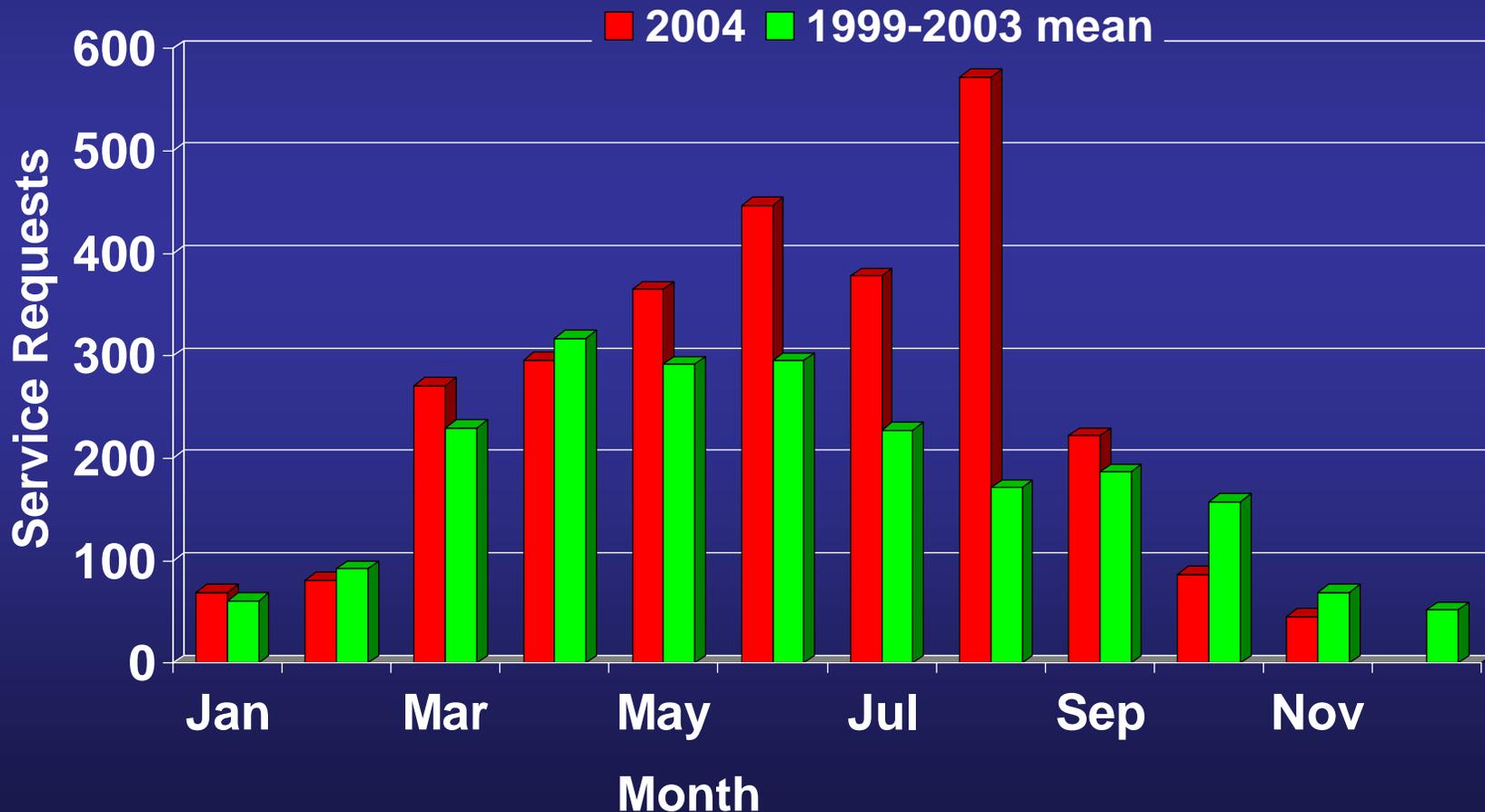


**West Nile Virus
in the San Gabriel Valley
Los Angeles County, California 2004**

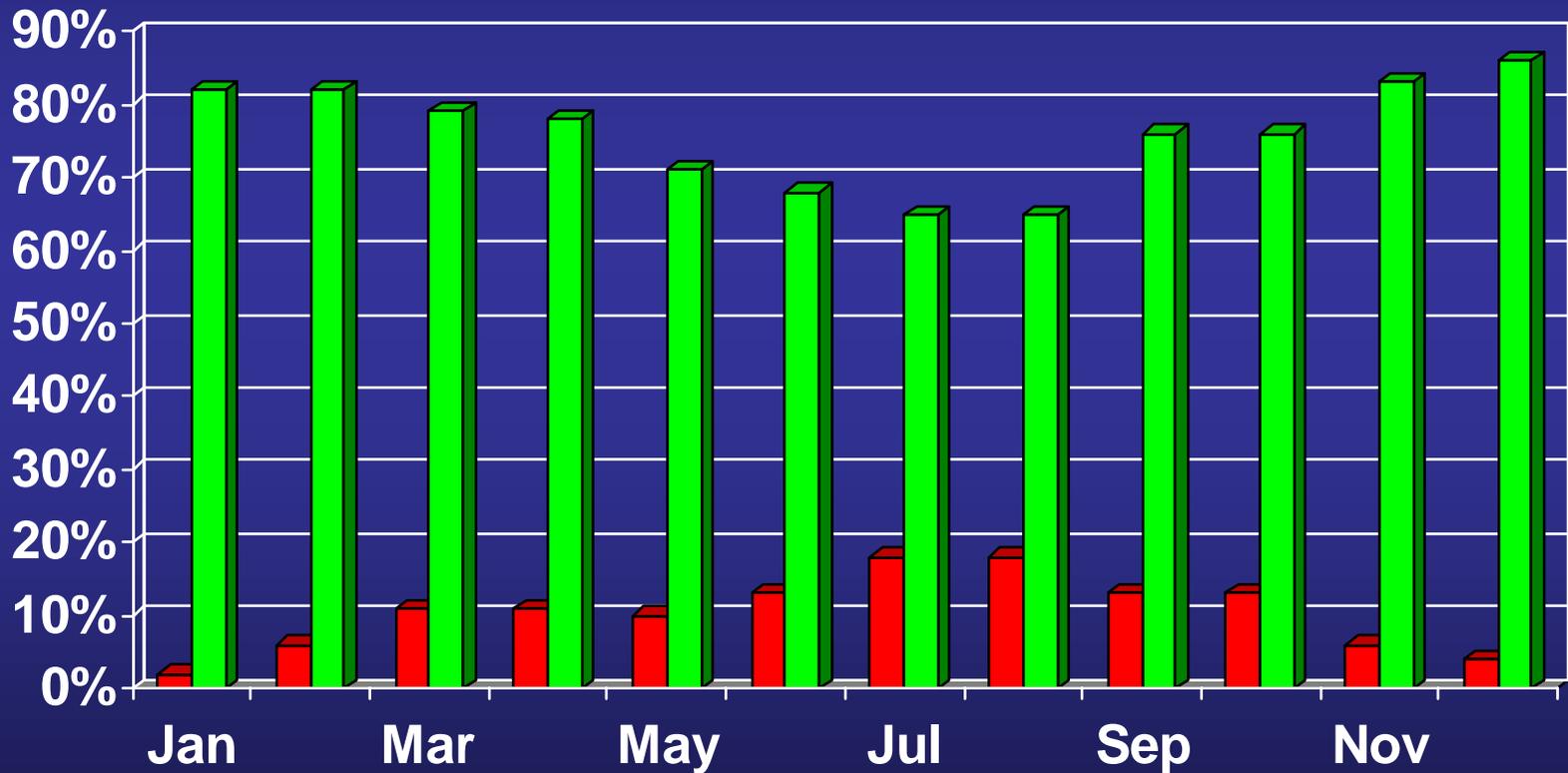
Steve A West and Kenn K Fujioka

Service requests received, 2004 vs 1999-2003 mean

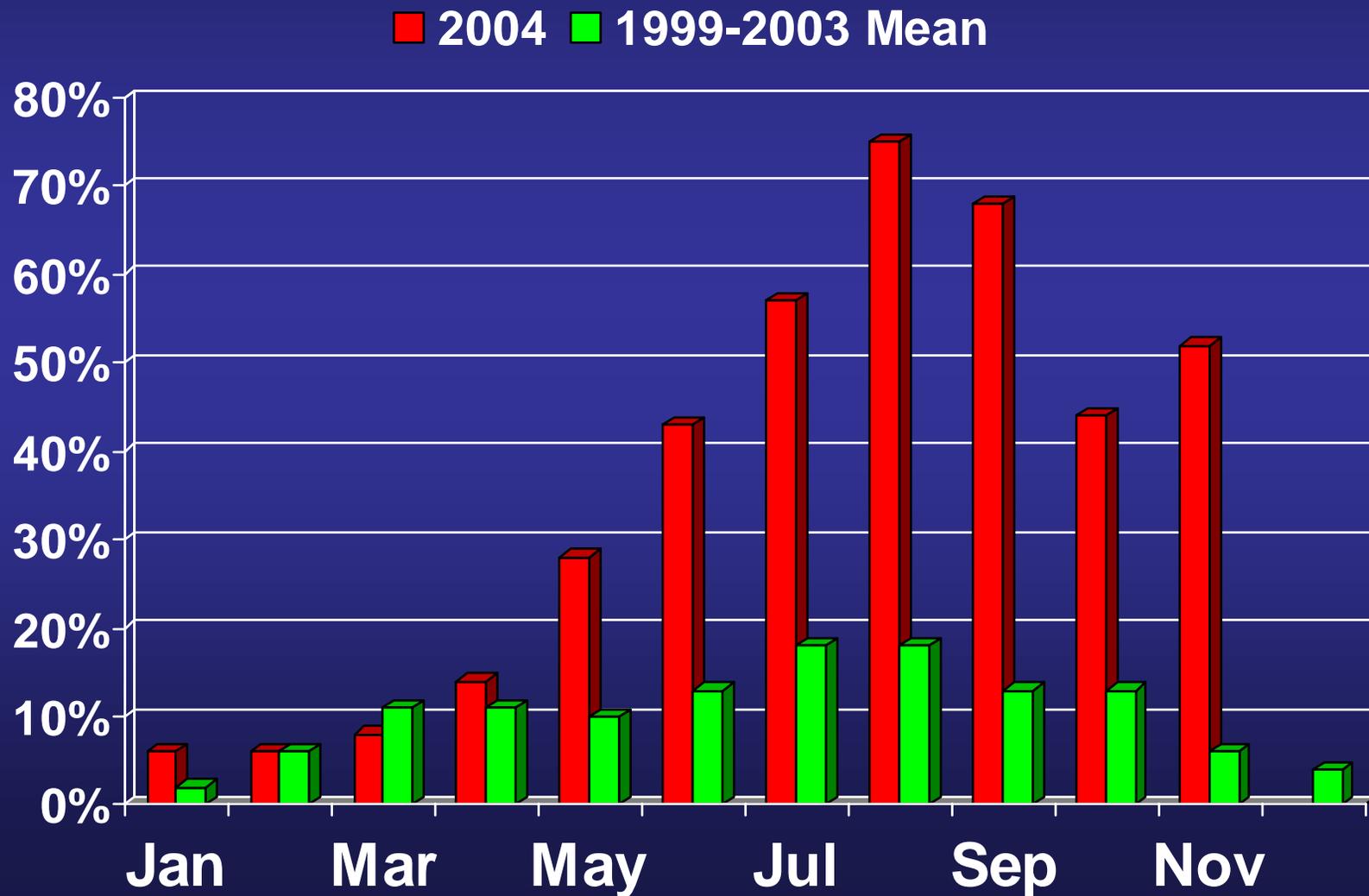


Percent of service requests, mosquitoes vs bees, 1999-2003 means

■ Mosquitoes ■ Bees

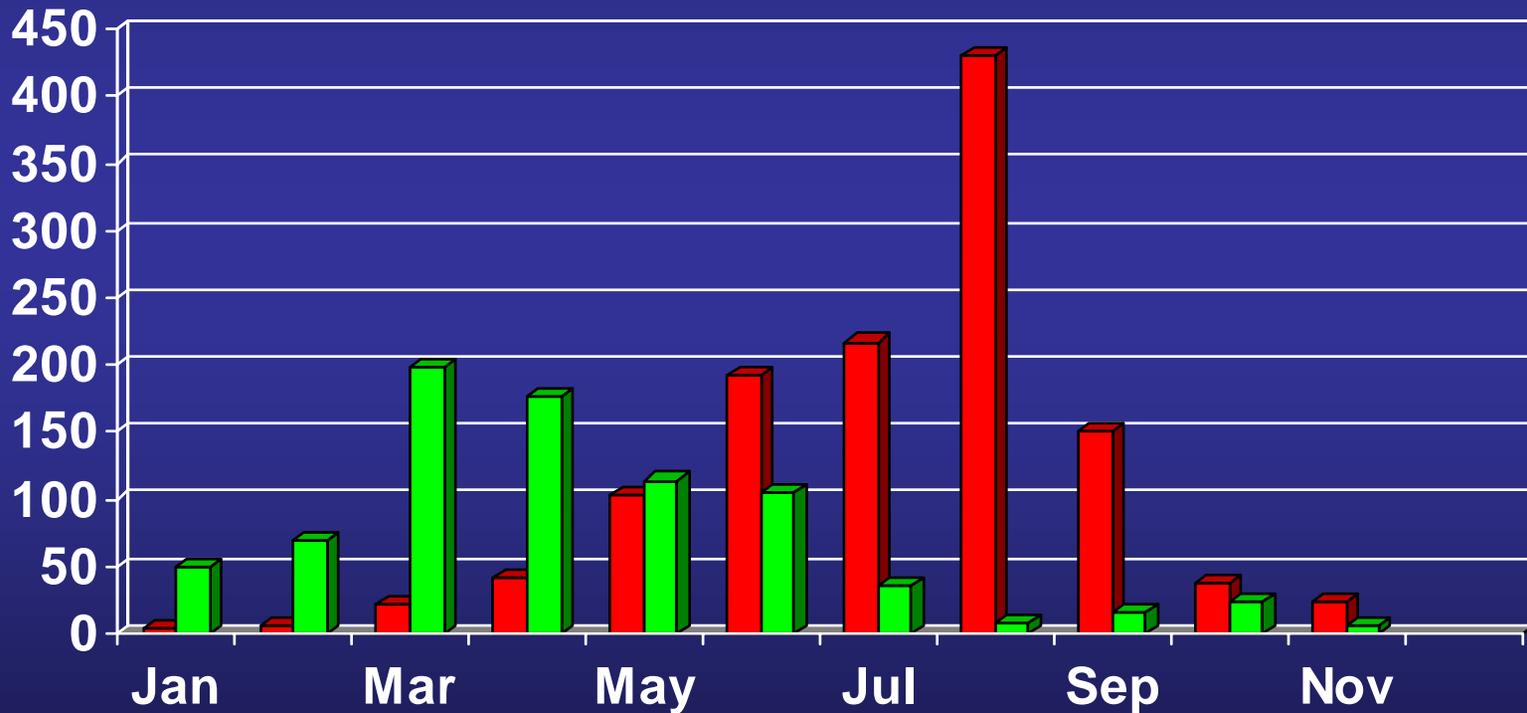


Percent of service requests attributable to mosquitoes, 2004 vs 1999-2003 mean



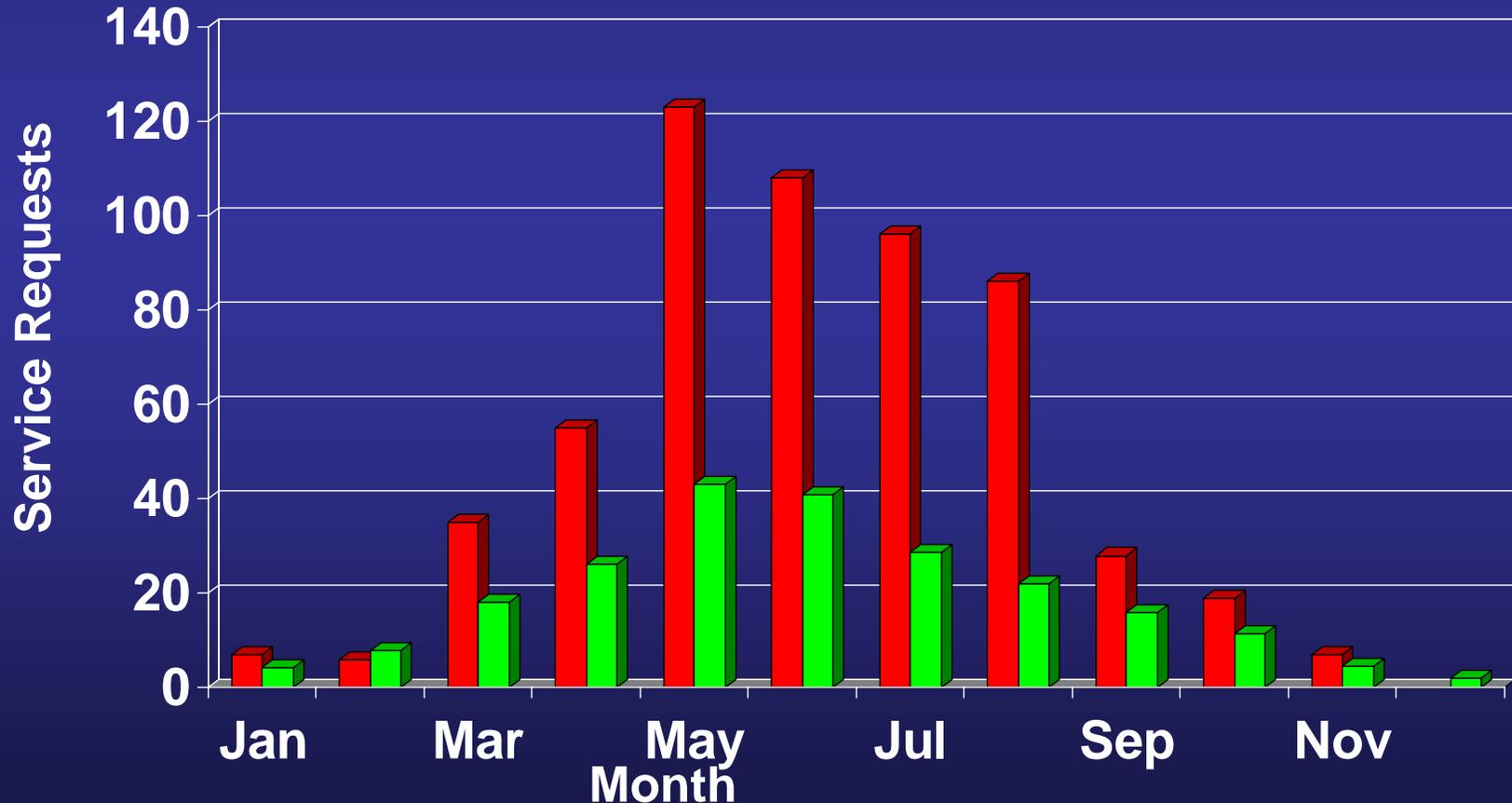
Service requests, mosquitoes vs bees, 2004

■ Mosquitoes ■ Bees



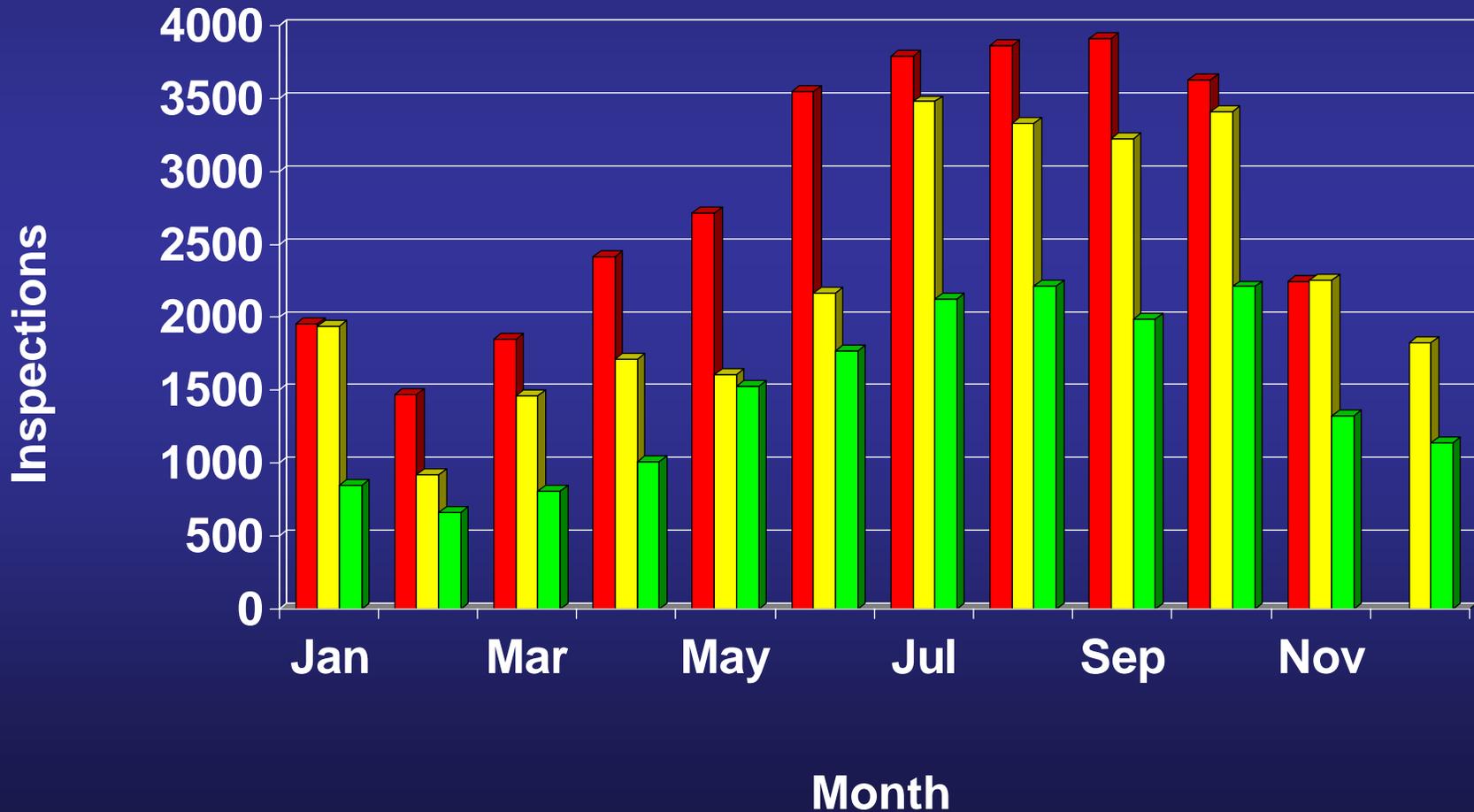
Service requests for mosquitofish, 2004 vs 1999-2003 mean

■ 2004 ■ 1999-2003 mean

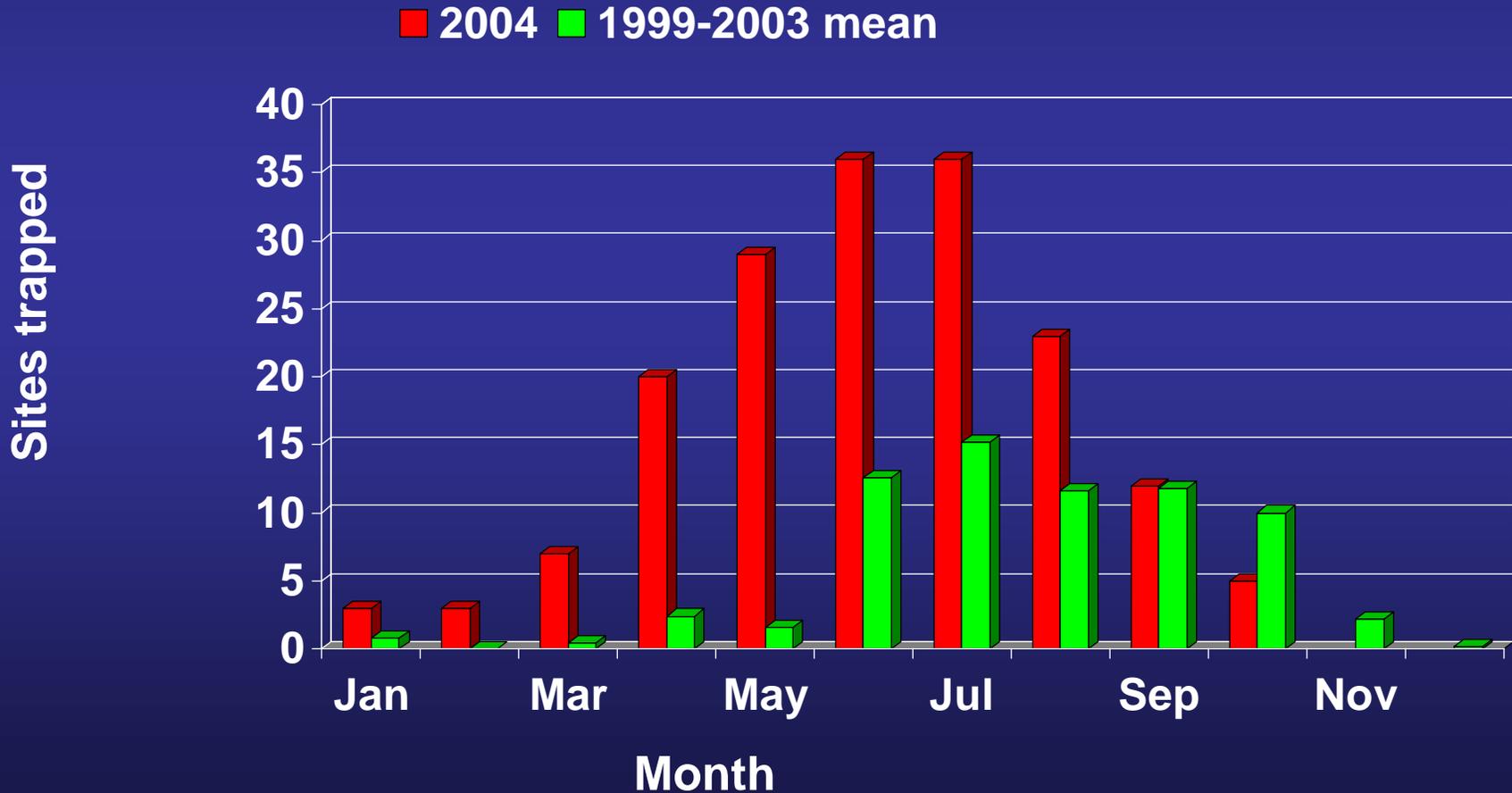


Inspections for mosquitoes, 2004 vs 1999-2003 mean

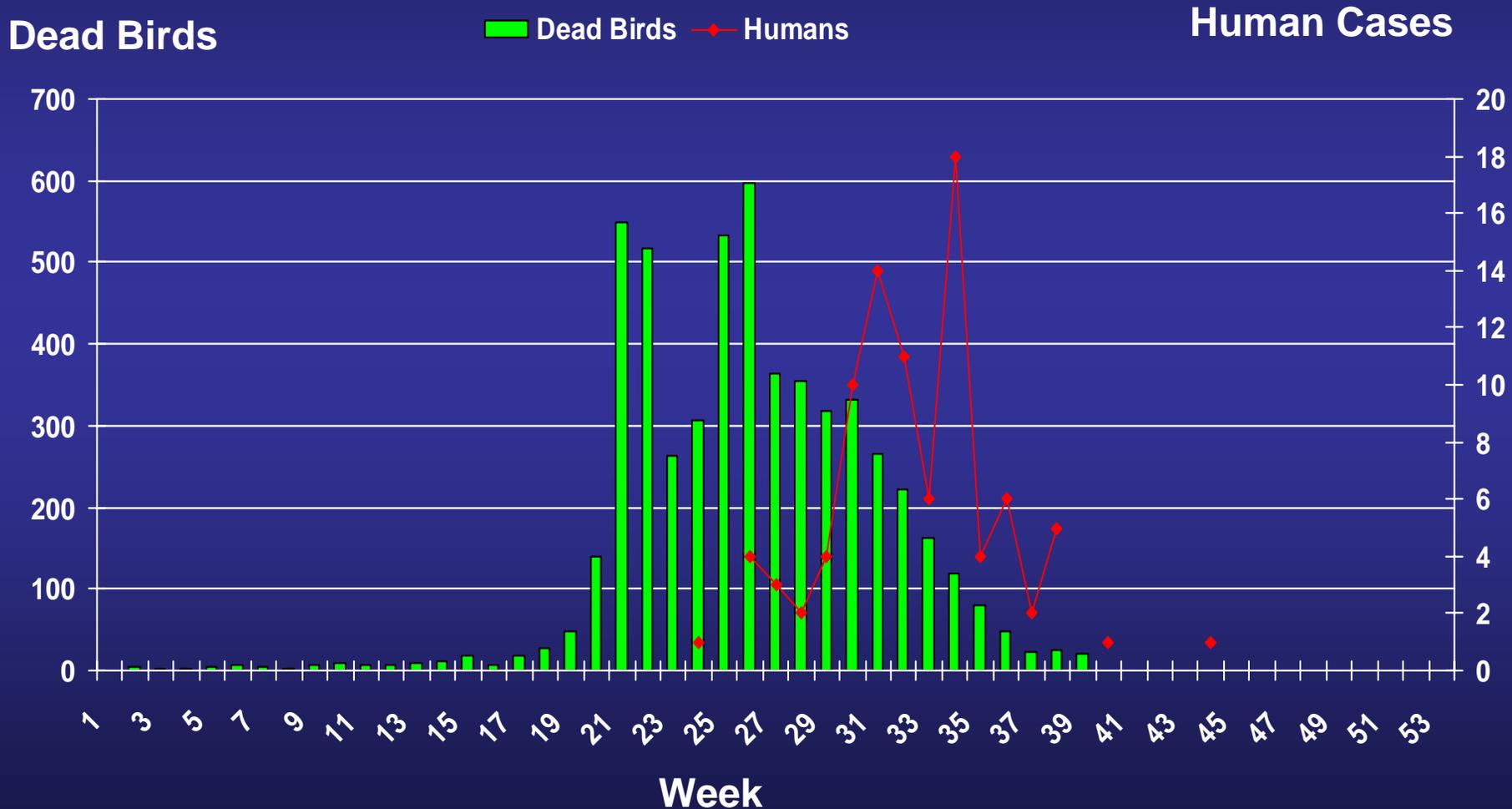
■ 2004 ■ 2003 ■ 5-yr mean



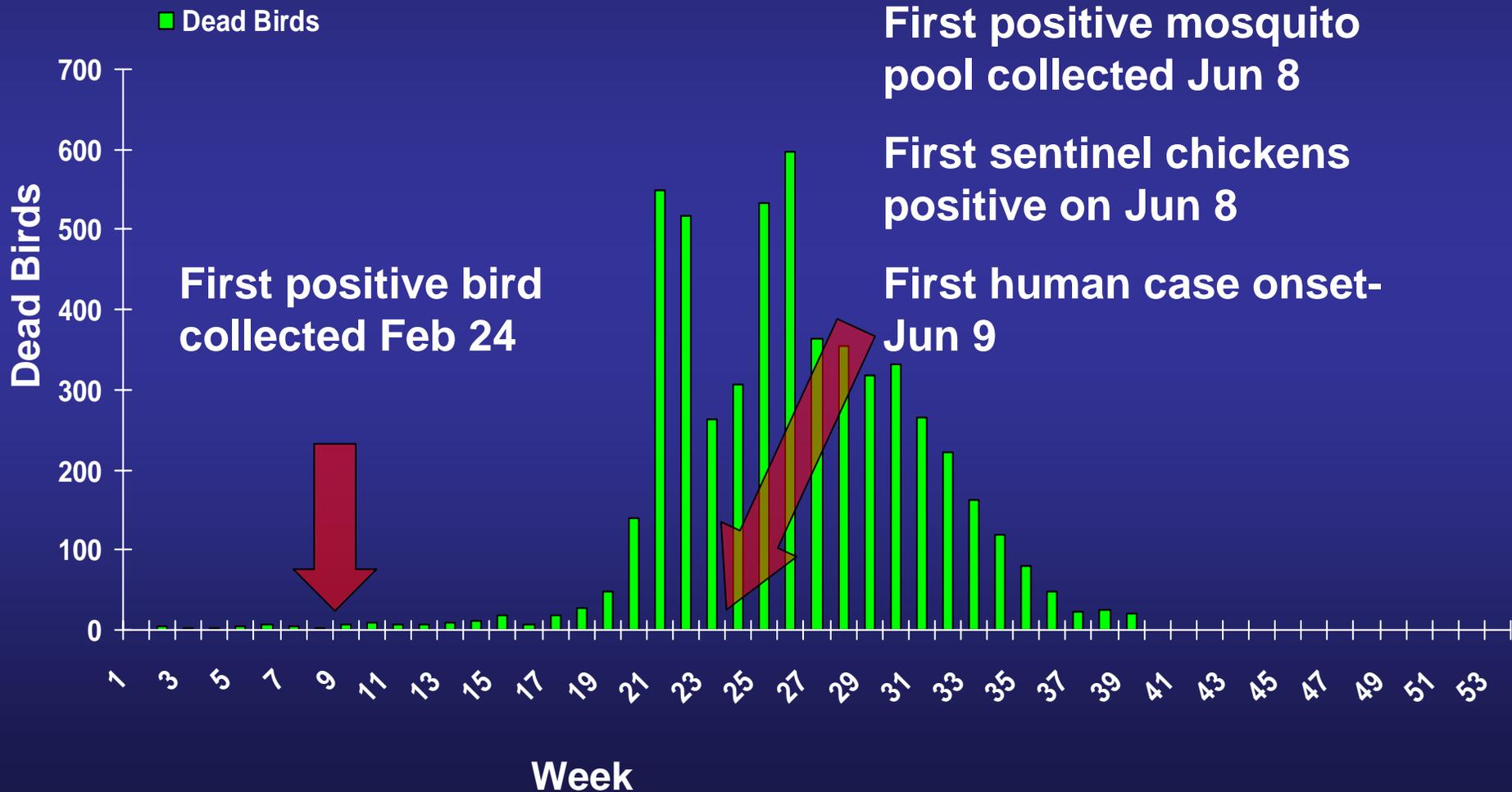
Sites trapped for adult mosquitoes 2004 vs 1999-2003 mean



Dead birds (week of reporting) and human cases (week of onset), SGVMVCD 2004

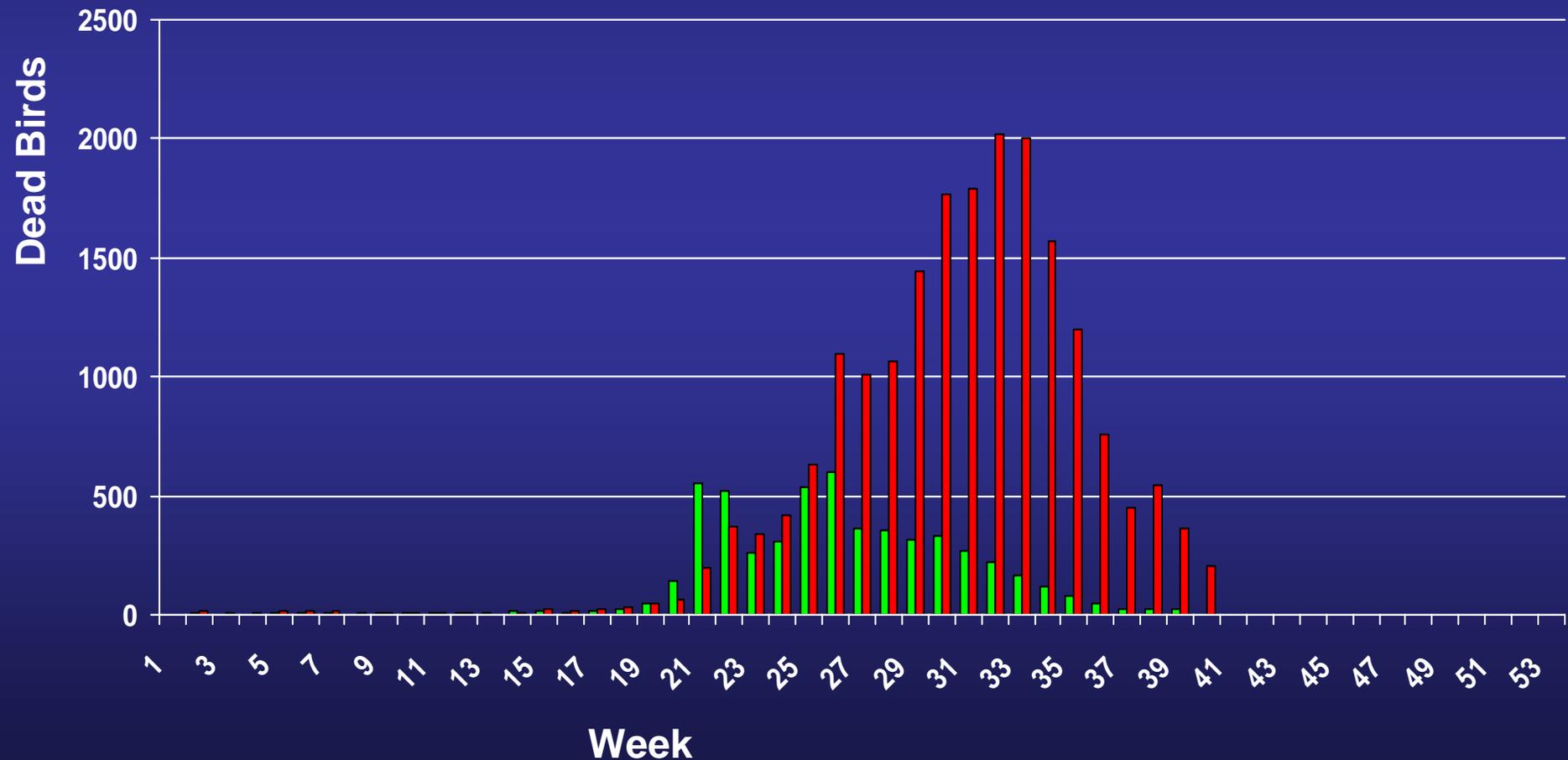


Dead birds (week of reporting) and events related to West Nile virus, SGVMVCD, 2004



Dead birds (week of reporting), SGVMVCD vs Los Angeles County, 2004

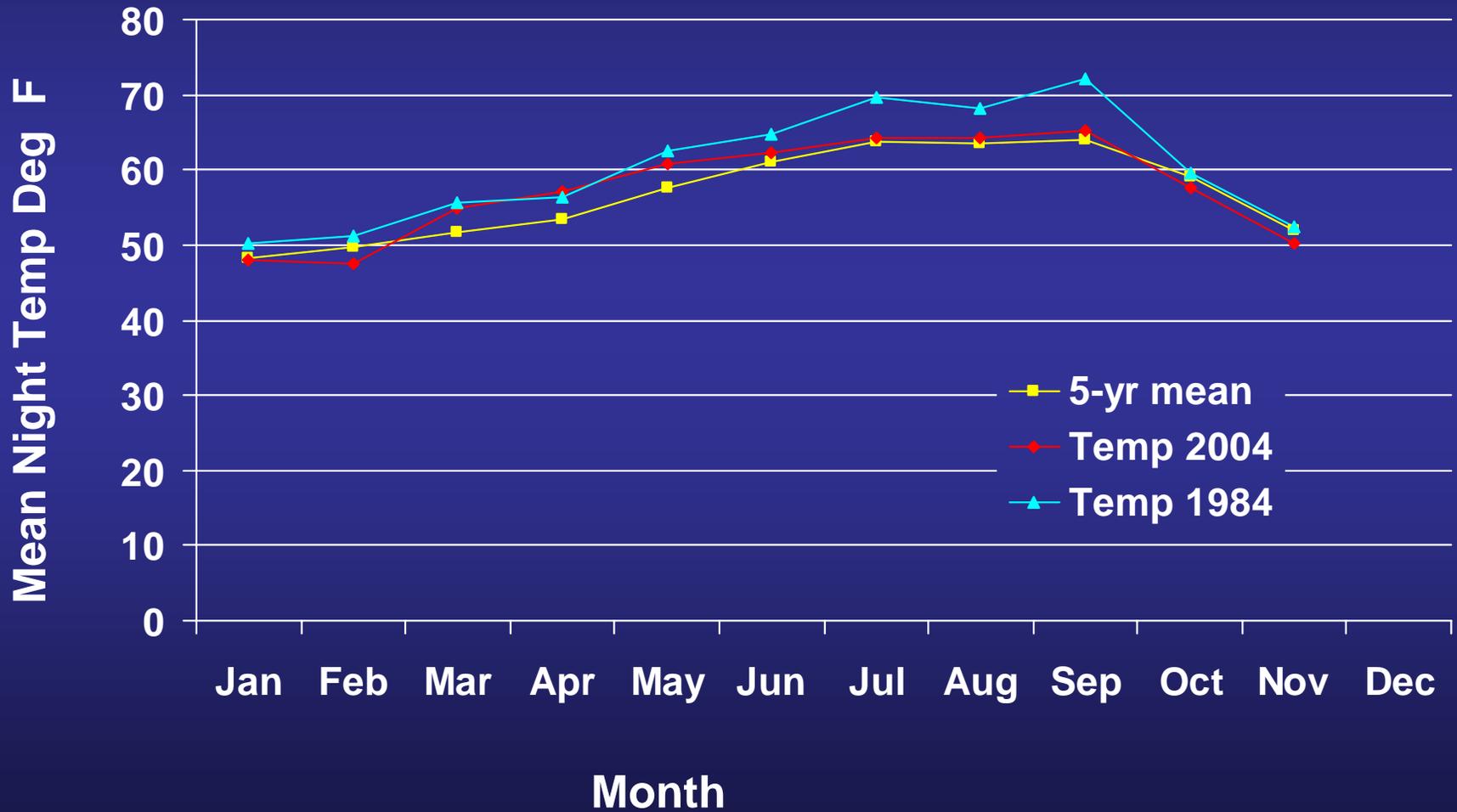
■ SGV Dead Birds ■ LA County Dead Birds



Selected notes on reporting and testing dead birds

Week	Date	Birds Reported	Birds Tested	WNv-Pos Birds
19	2-8 May	47	14	9
20	9-15 May	140	33	29
21	16-22 May	549	28	27
22	23-29 May	517	16	15

Mean night temperature by month, Los Angeles 2004, 1984, and 5-year-mean

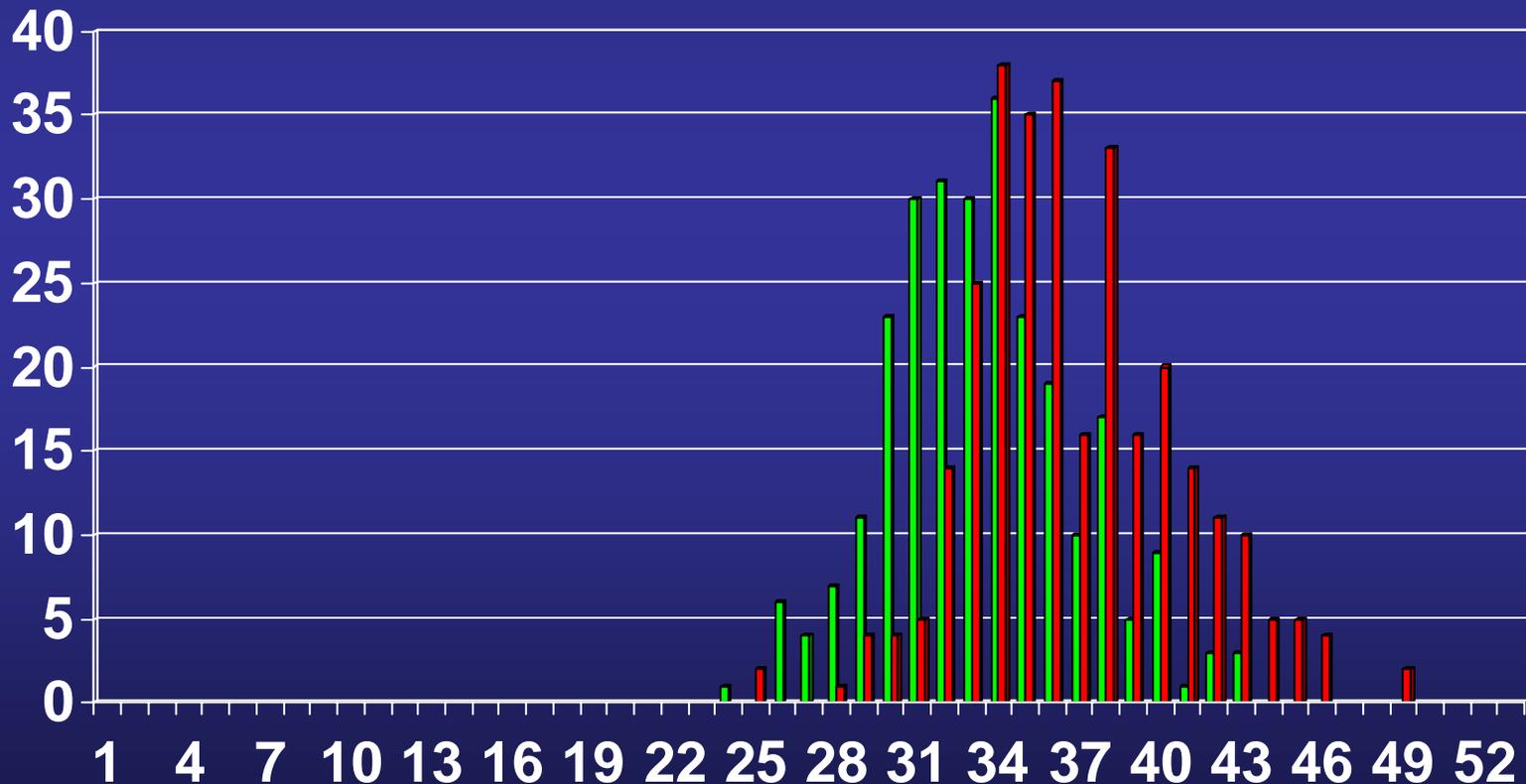


Mean Night Temperature at LA Civic Center by Month, Various Years



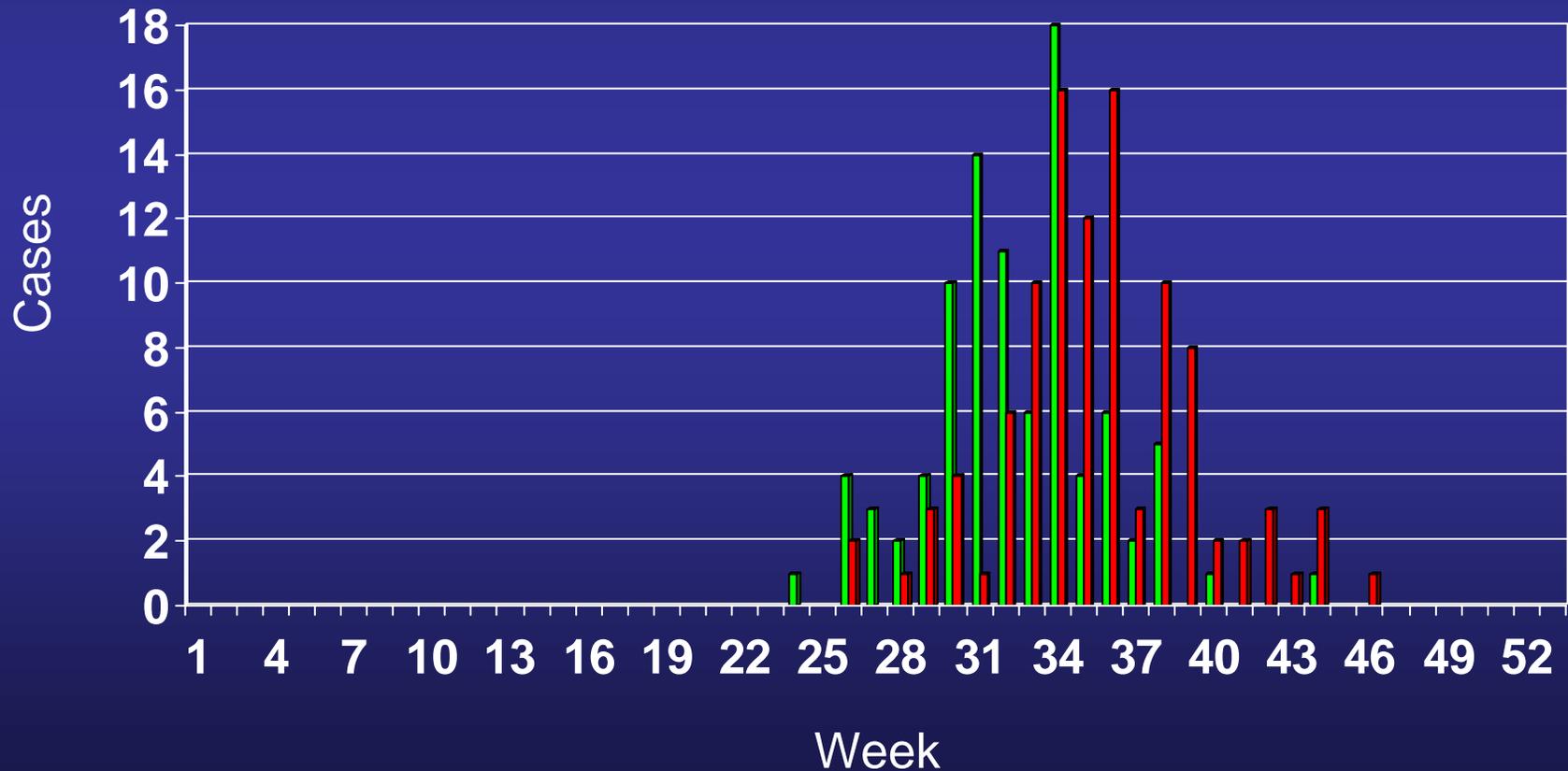
Human infections with West Nile virus, week of onset vs week of diagnosis Los Angeles County, 2004

■ Week of Onset ■ Week of Diagnosis



Human infections with West Nile virus, week of onset vs week of diagnosis San Gabriel Valley, 2004

■ Week of Onset ■ Week of Diagnosis



West Nile Virus in the SGVMVCD: The cost of doing business

Upgrade phone system	\$15,000
Media time and publications	\$75,000
One full-time technician	\$50,000
One full-time office staff	\$45,000
Increase in extra-help staff	<u>\$52,000</u>
	\$227,000

West Nile Virus in the SGVMVCD: The cost of doing business, cont'd

FY 2004-2005 Budget	\$2,160,500
Expenses related to WNV	\$227,000

= 10.5% Percent of budget

West Nile Virus in the SGVMVCD: The cost of doing business, cont'd

Used reserves

Raised assessment

Staff overworked

West Nile virus in the San Gabriel Valley- some statistics as of Nov 30 2004

- **Los Angeles County incidence**
 - 3.0 per 100,000 population
- **San Gabriel Valley incidence**
 - 7.6 per 100,000 population
- **Highest incidence rate for a city in the District**
 - 23.8 per 100,000 population

West Nile virus in the San Gabriel Valley- more statistics as of Nov 30 2004

- **San Gabriel Valley incidence**
 - 7.6 per 100,000 population
- **California incidence**
 - 2.3 per 100,000 population
- **Colorado 2004 incidence**
 - 6.3 per 100,000 population

