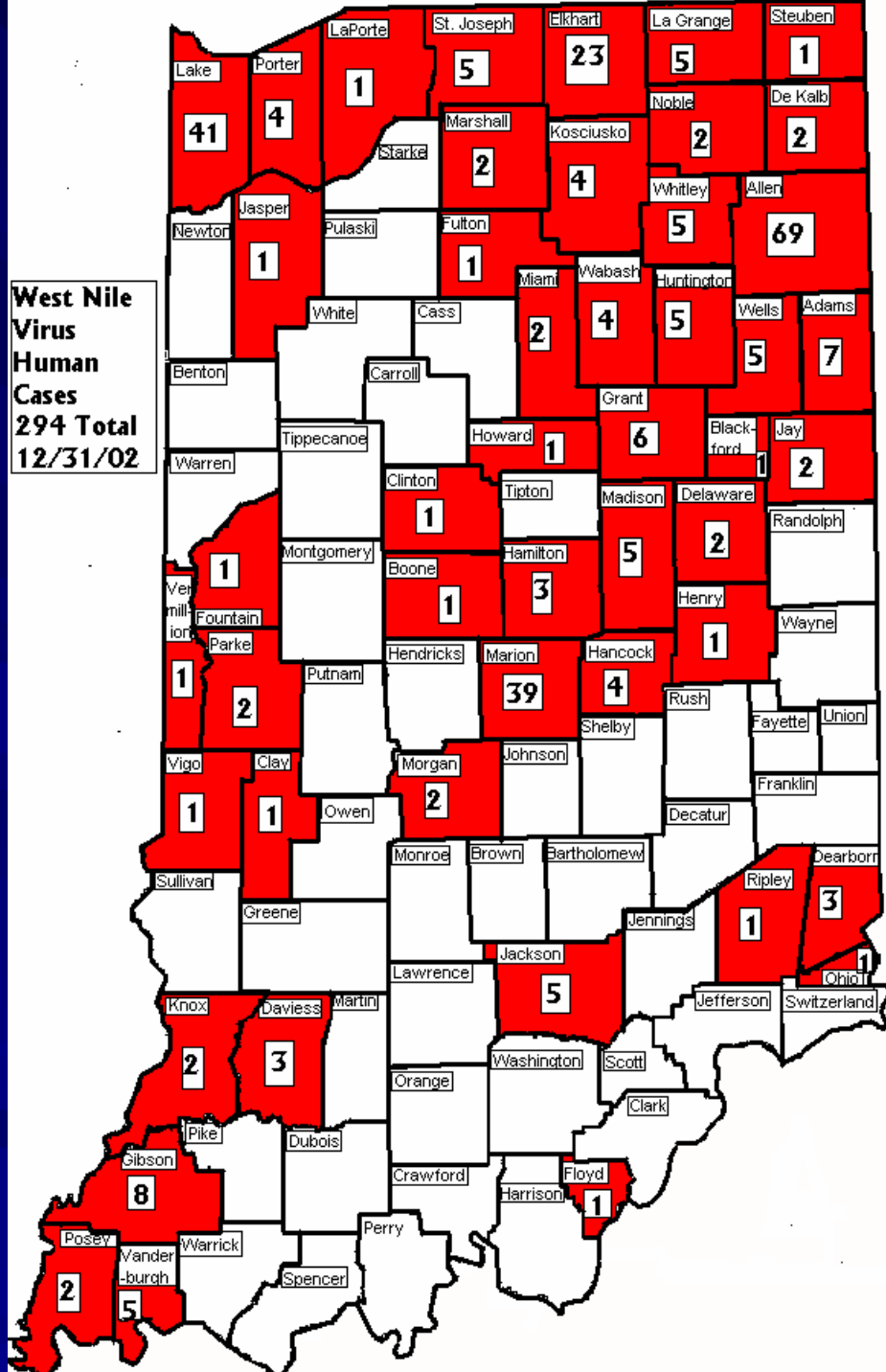


# **Arthropod-Borne Disease in Indiana 2002 - 03**

**Michael J. Sinsko, Ph.D.  
Senior Medical Entomologist  
Indiana State Department of Health**

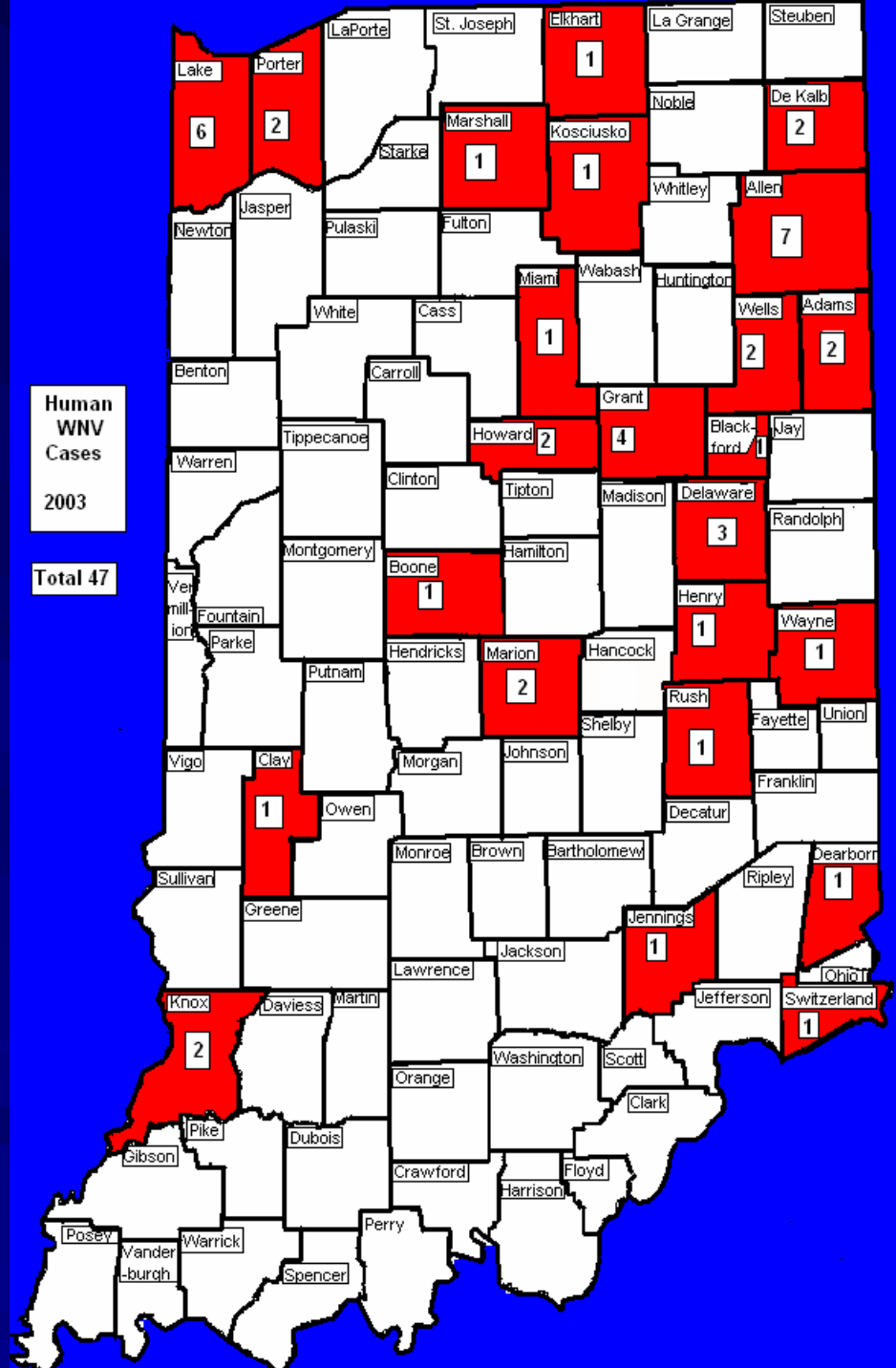
# **Mosquito-borne Diseases**

**West Nile Virus  
Human  
Cases  
294 Total  
12/31/02**

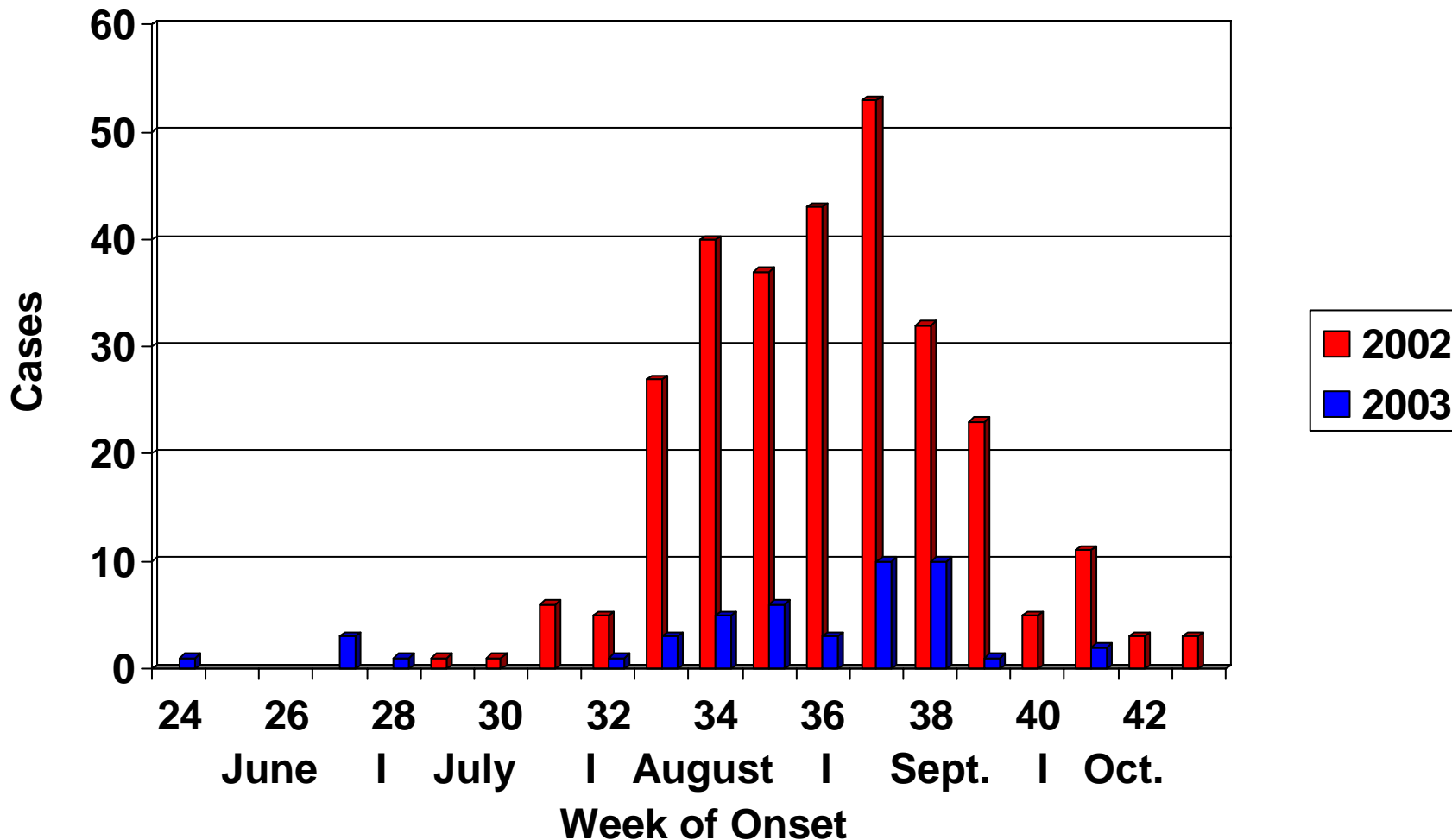


Human  
WNV  
Cases  
2003

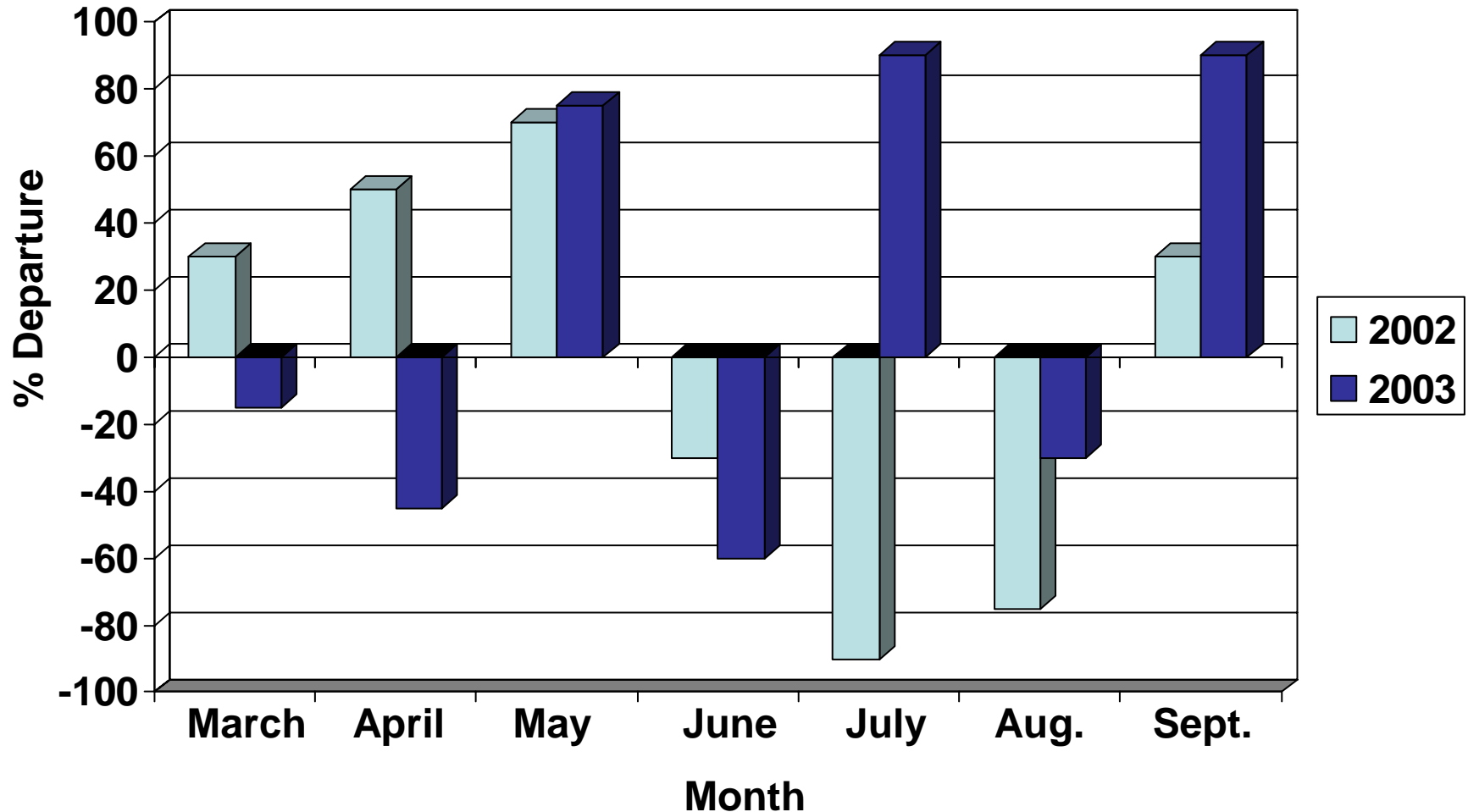
Total 47



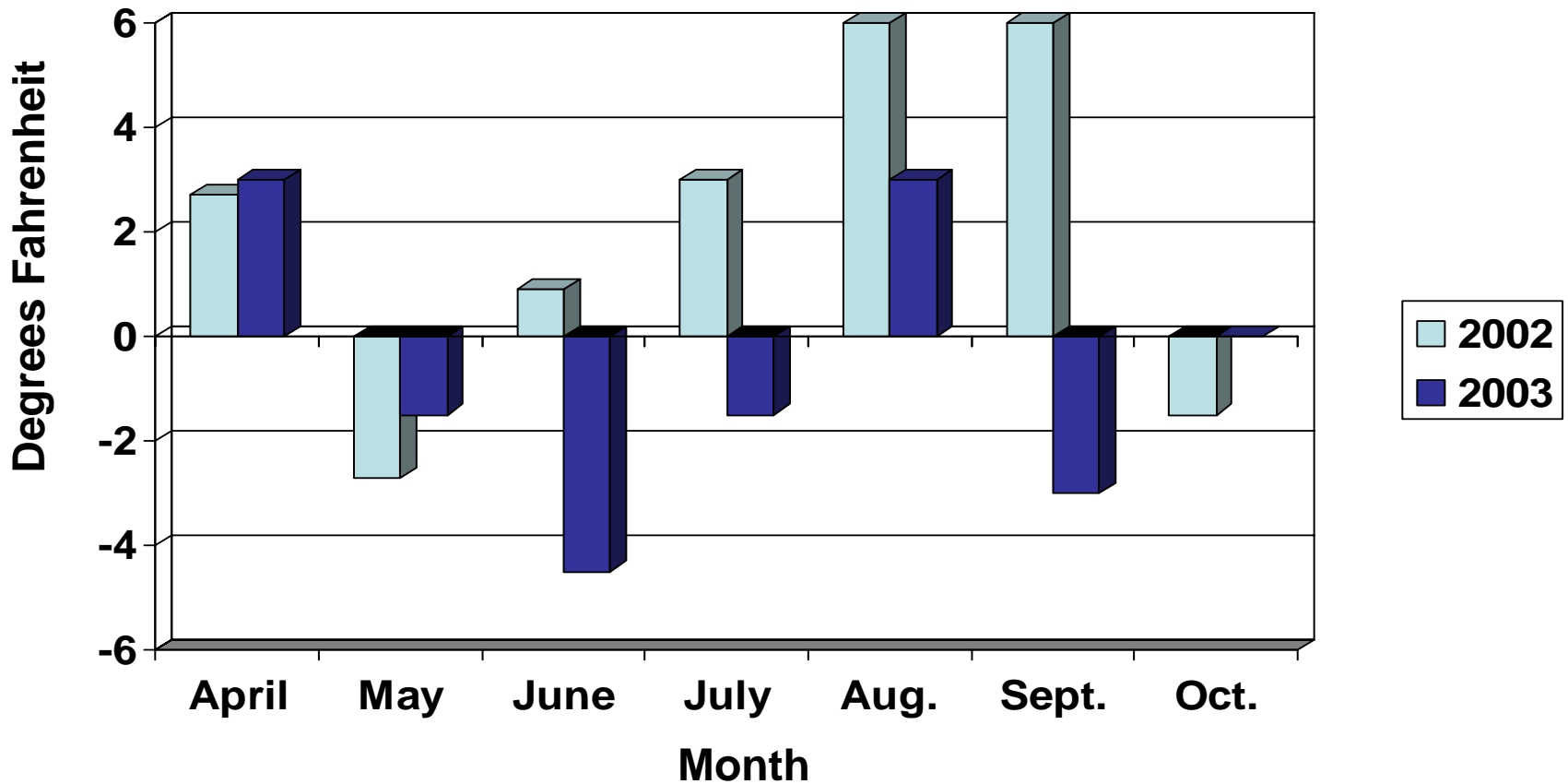
# Human Cases in Indiana 2002 & 2003 by CDC Reporting Week



# Percentage Departure From Normal 1971-2000 Precipitation In Central Indiana



# Mean Temperature Departure From 1971-2000 Normal In Indiana

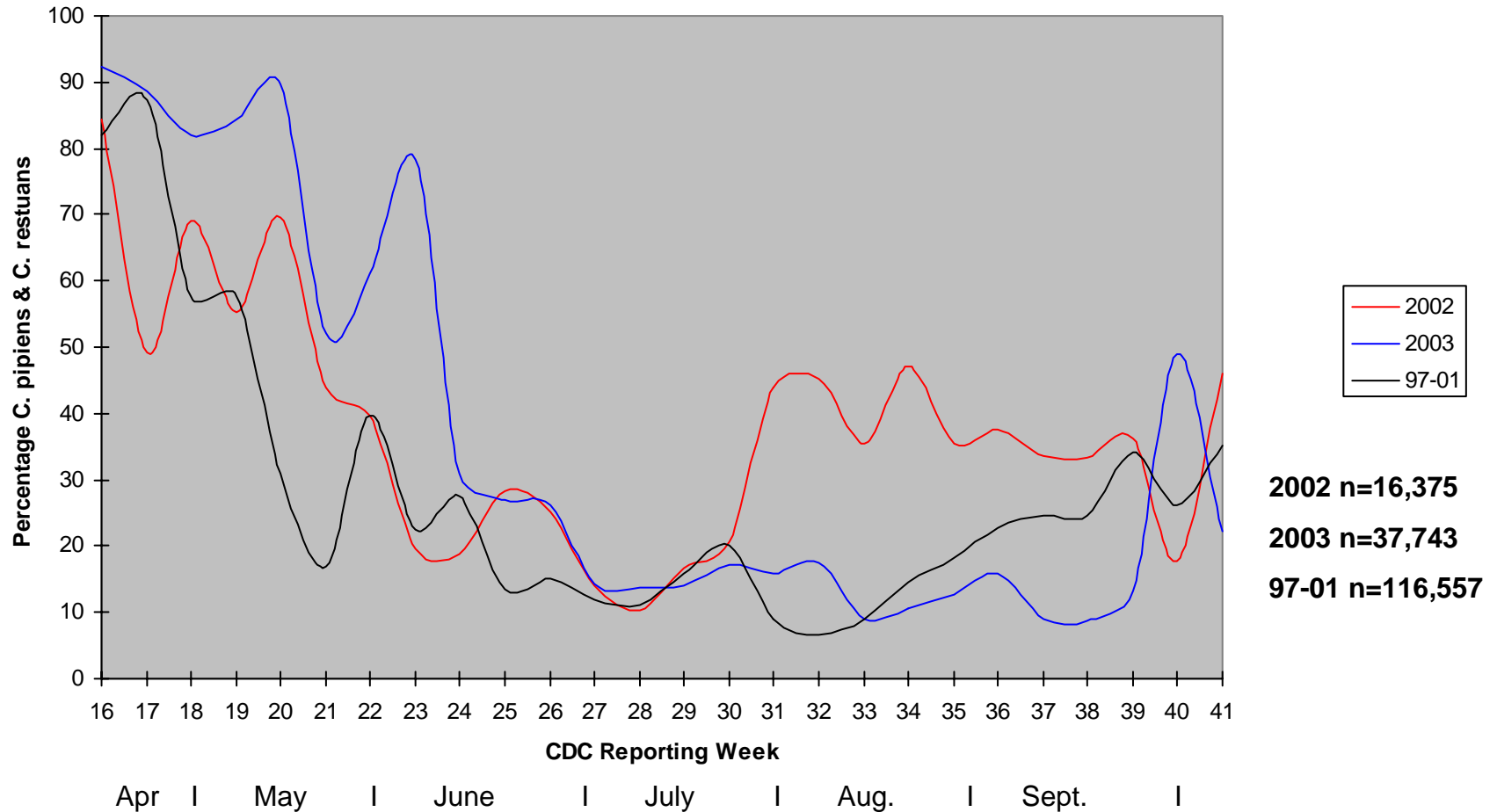


# Numbers of Mosquitoes Collected in Indiana for WNV Testing 2002 & 2003

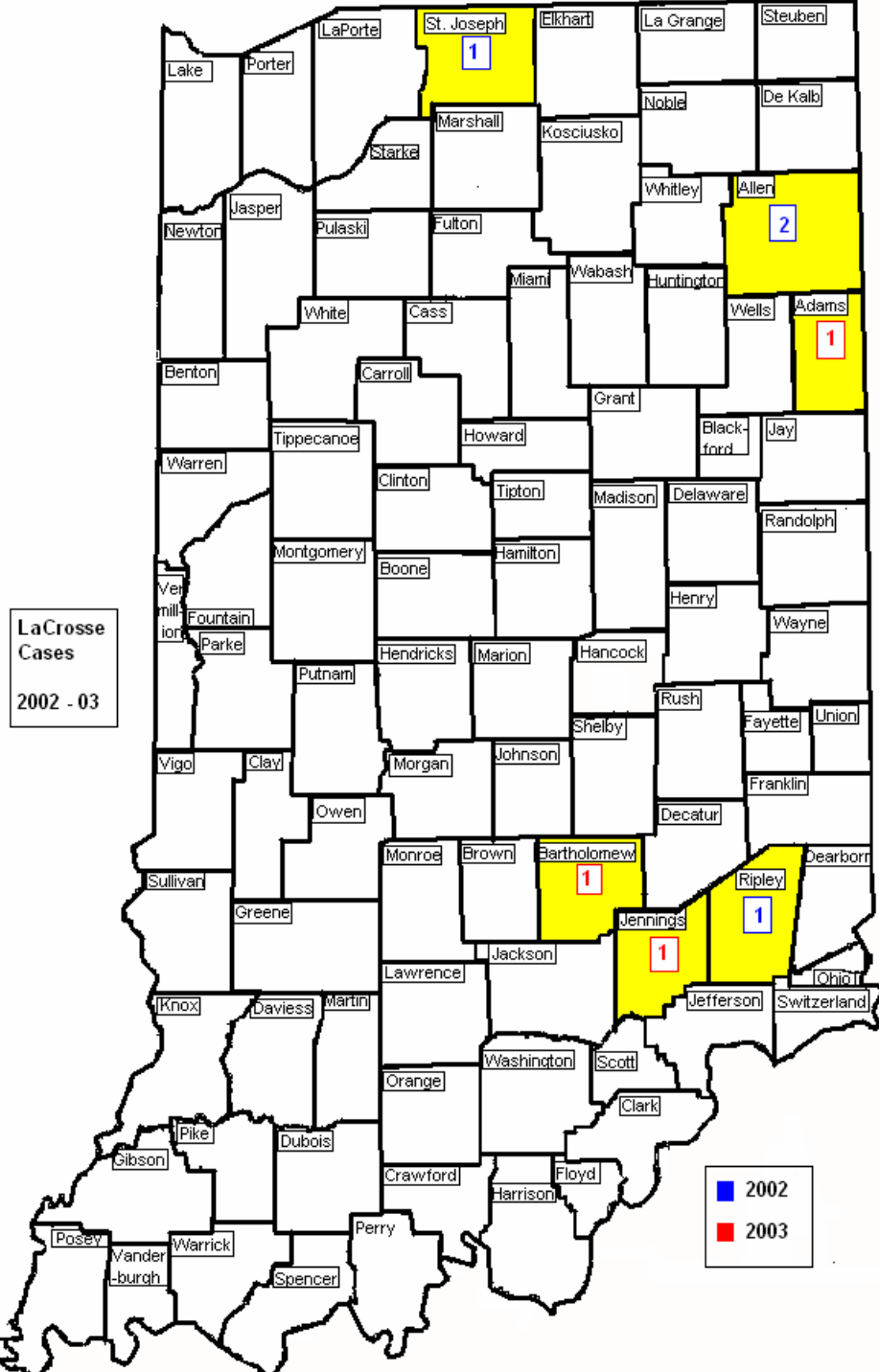
	<b>2002</b>	<b>% of Total</b>	<b>2003</b>	<b>% of Total</b>
<b>Aedes, Ochleratatus, Psorophora</b>	<b>2,312</b>	<b>9.1</b>	<b>33,439</b>	<b>59.7</b>
<b>Culex</b>	<b>22,399</b>	<b>88.5</b>	<b>20,782</b>	<b>37.1</b>
<b>Others</b>	<b>610</b>	<b>2.4</b>	<b>1,755</b>	<b>3.1</b>
<b>Total</b>	<b>25,321</b>		<b>55,976</b>	



# Percentage of *Culex pipiens* and *C. restuans* in Marion Co. Light Traps 2002 and 2003

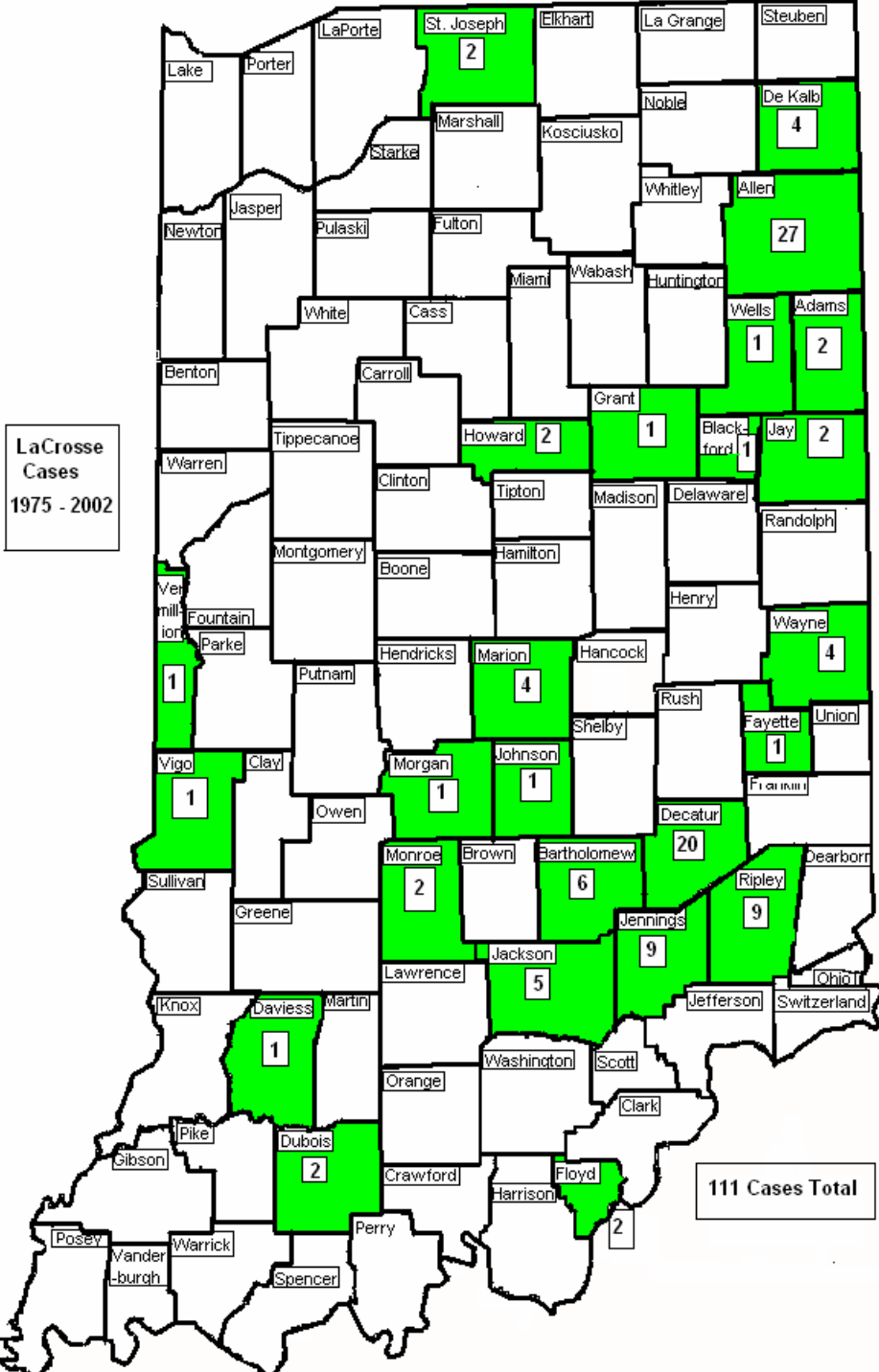


Data Source: Marion Co. Health Department



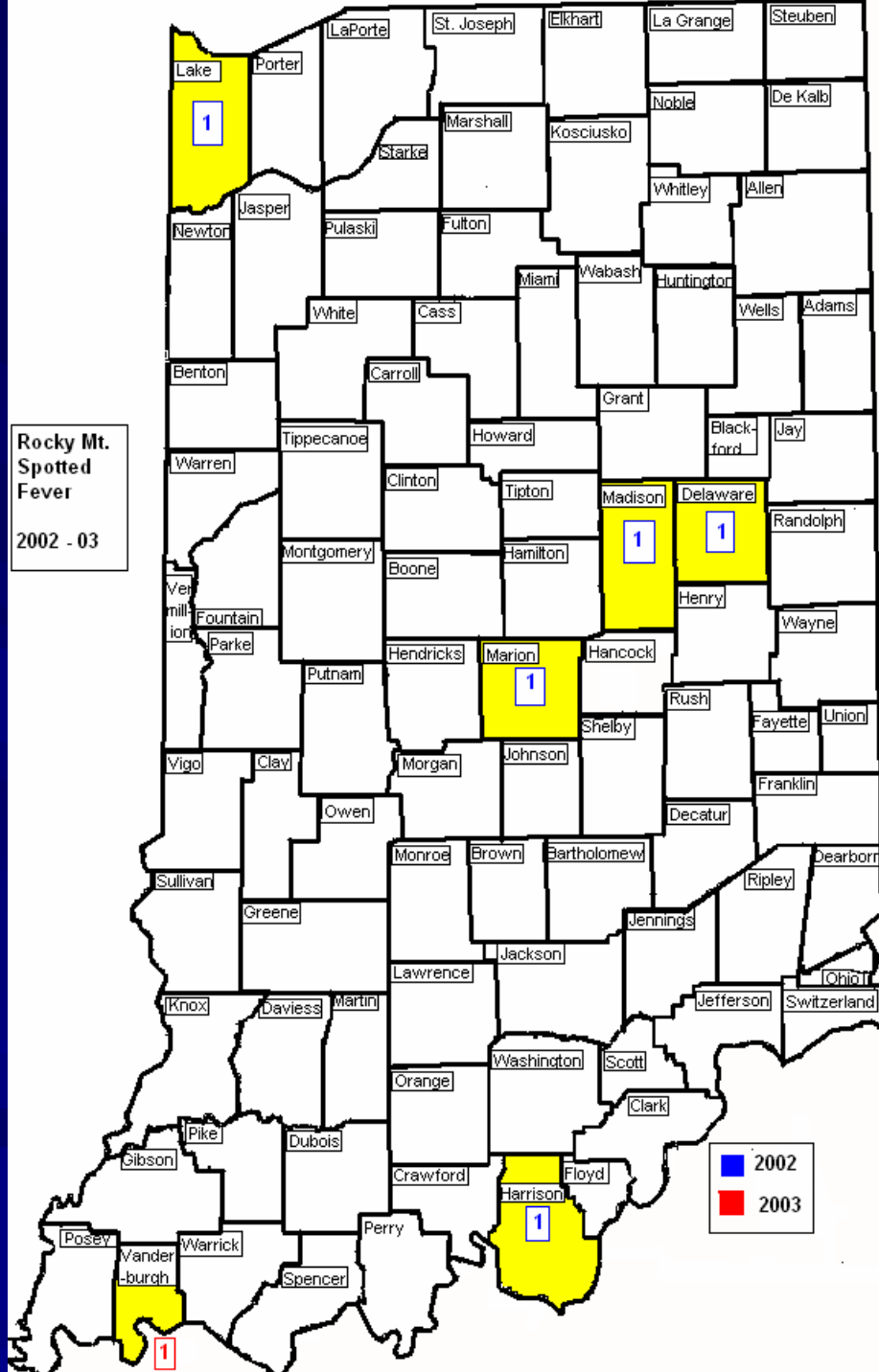
LaCrosse Cases  
2002 - 03

■ 2002  
■ 2003



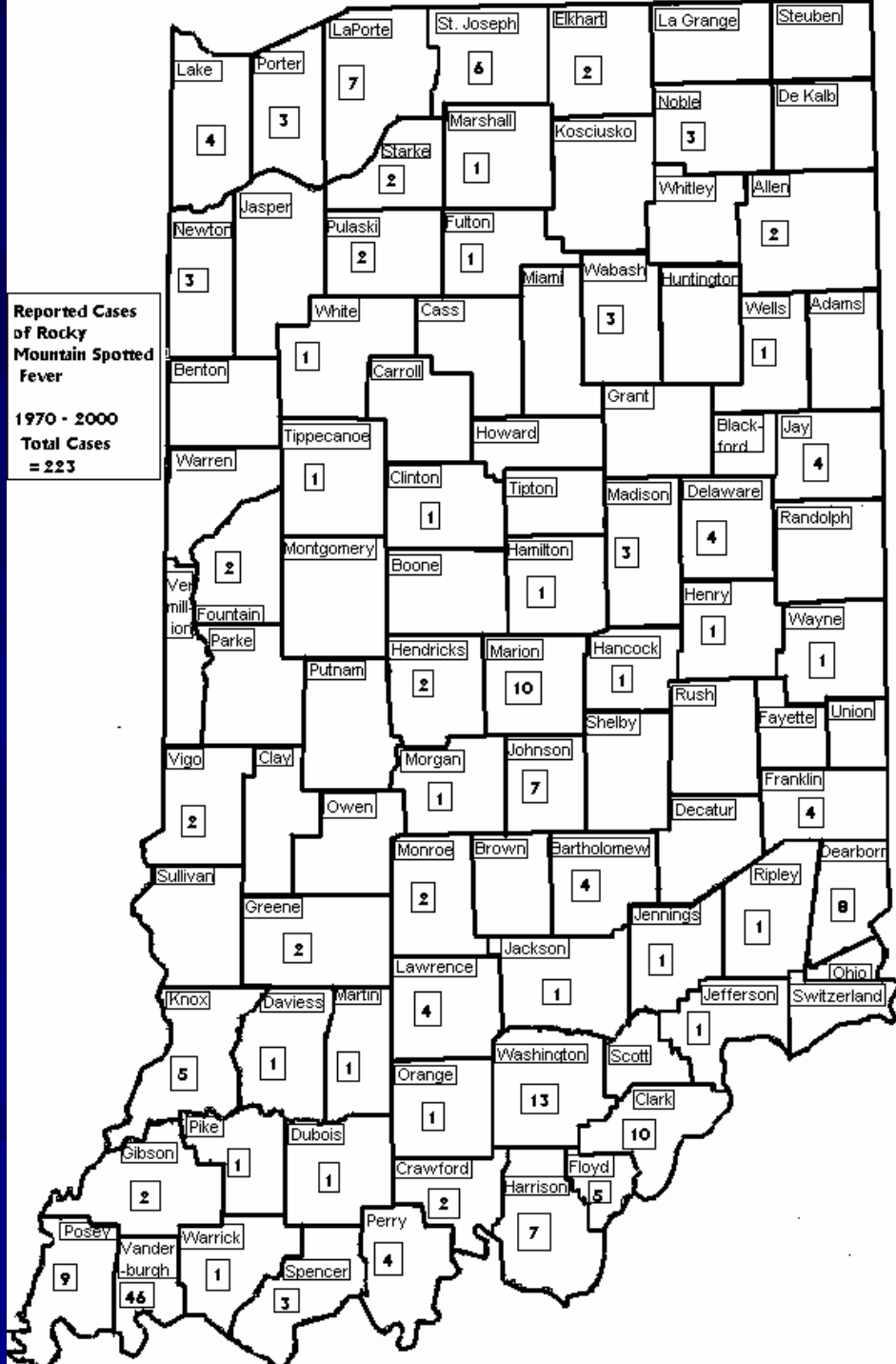
# **Tick-borne Diseases**

Rocky Mt.  
Spotted  
Fever  
2002 - 03



**Reported Cases  
of Rocky  
Mountain Spotted  
Fever**

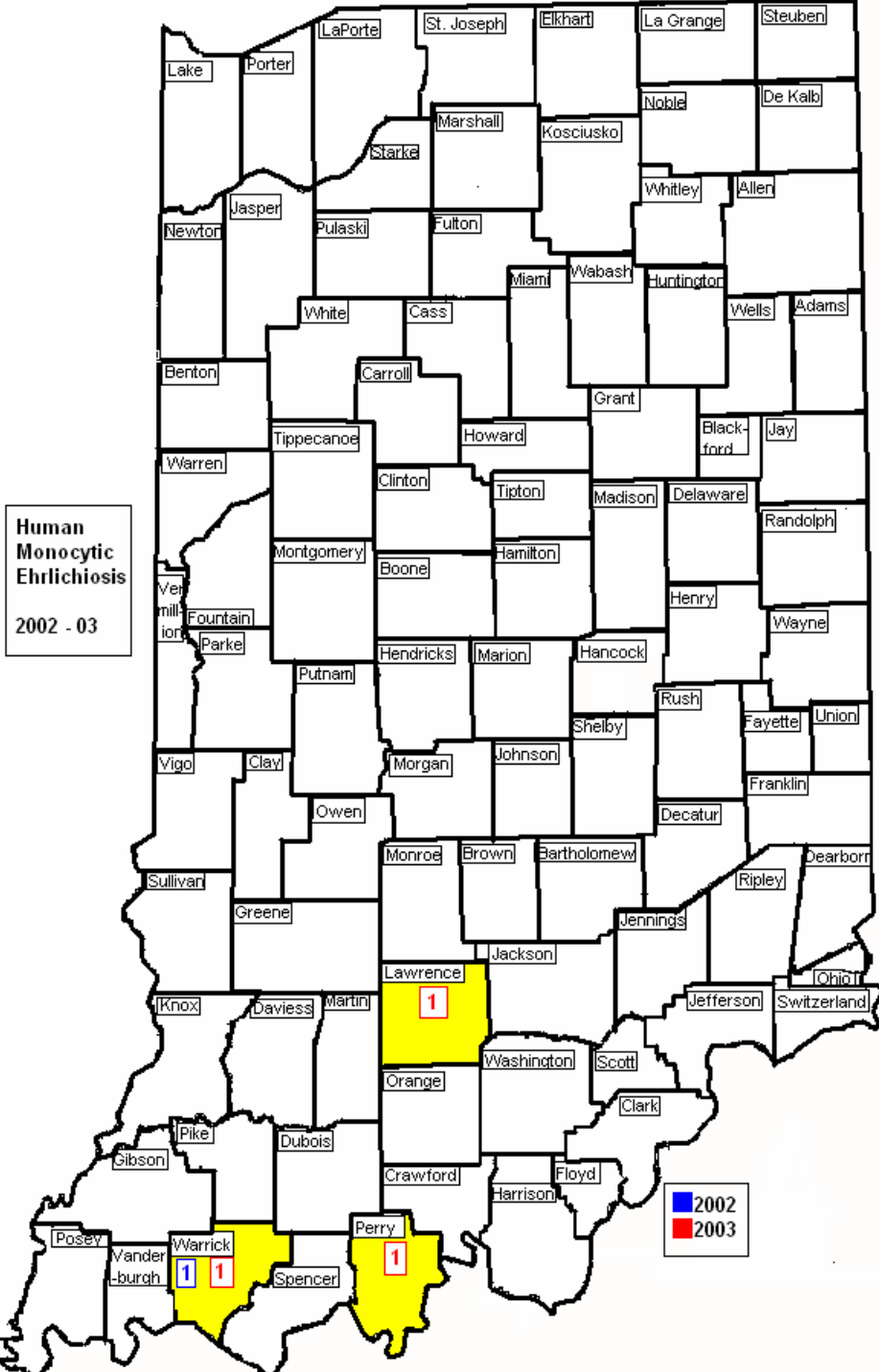
**1970 - 2000  
Total Cases  
= 223**







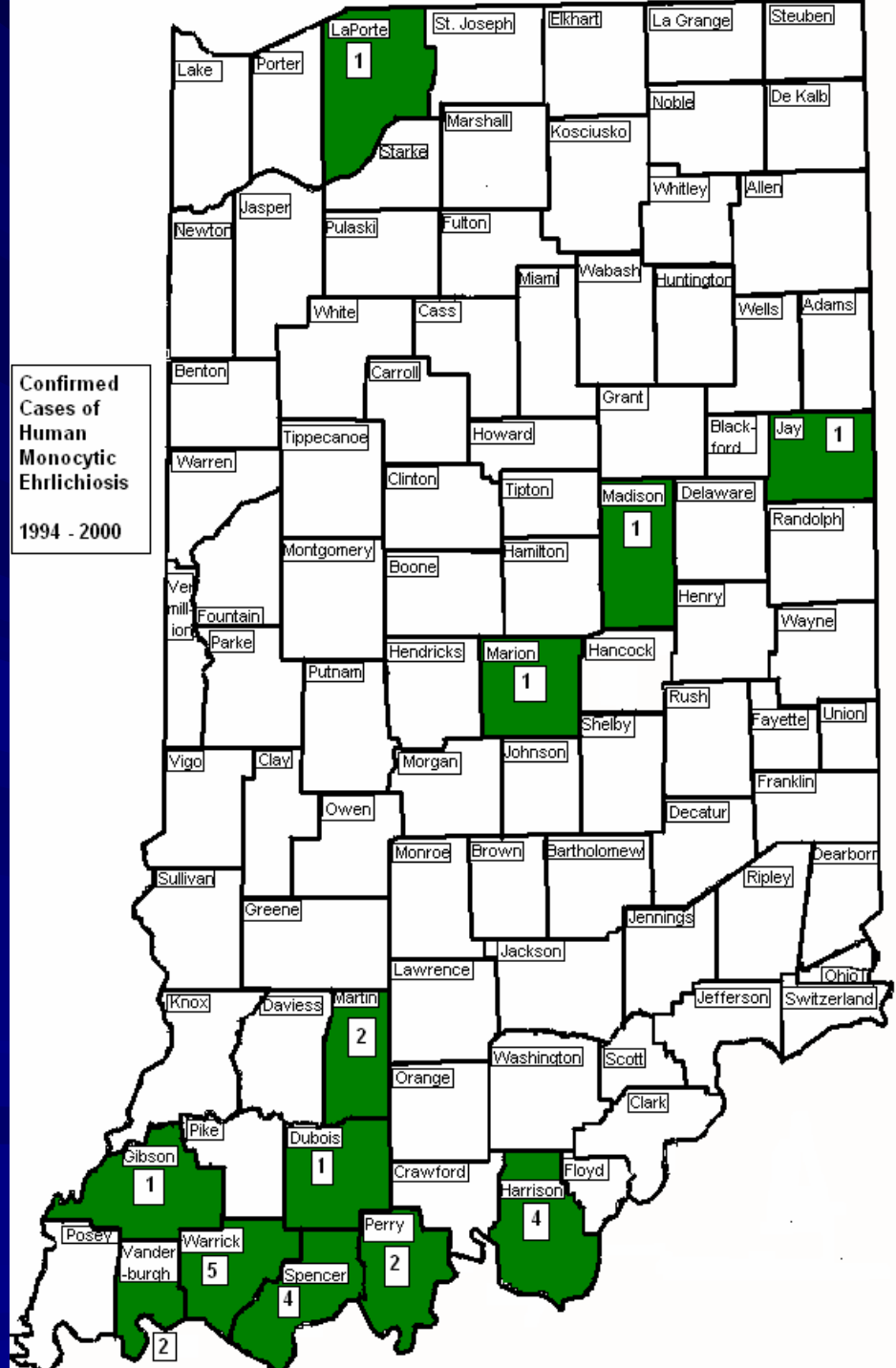




**Human Monocytic Ehrlichiosis**  
2002 - 03

■ 2002  
■ 2003

Confirmed Cases of Human Monocytic Ehrlichiosis 1994 - 2000



**Human Granulocytic Ehrlichiosis**  
2002 - 03

