# Archived WNV
# Surveillance Data—Idaho, 2004–2014

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**Human Data:** WNV infections are reportable in Idaho. Reports are documented in the National Electronic Disease Surveillance (NEDSS) Base System (NBS). Cases are classified as neuroinvasive or non-neuroinvasive. Cases listed as neuroinvasive include the following categories found in NBS: meningitis, encephalitis, meningoencephalitis, polio-like syndrome, and neuroinvasive-other. Positive blood donors are reported by the American Red Cross or the Inland Blood Center.

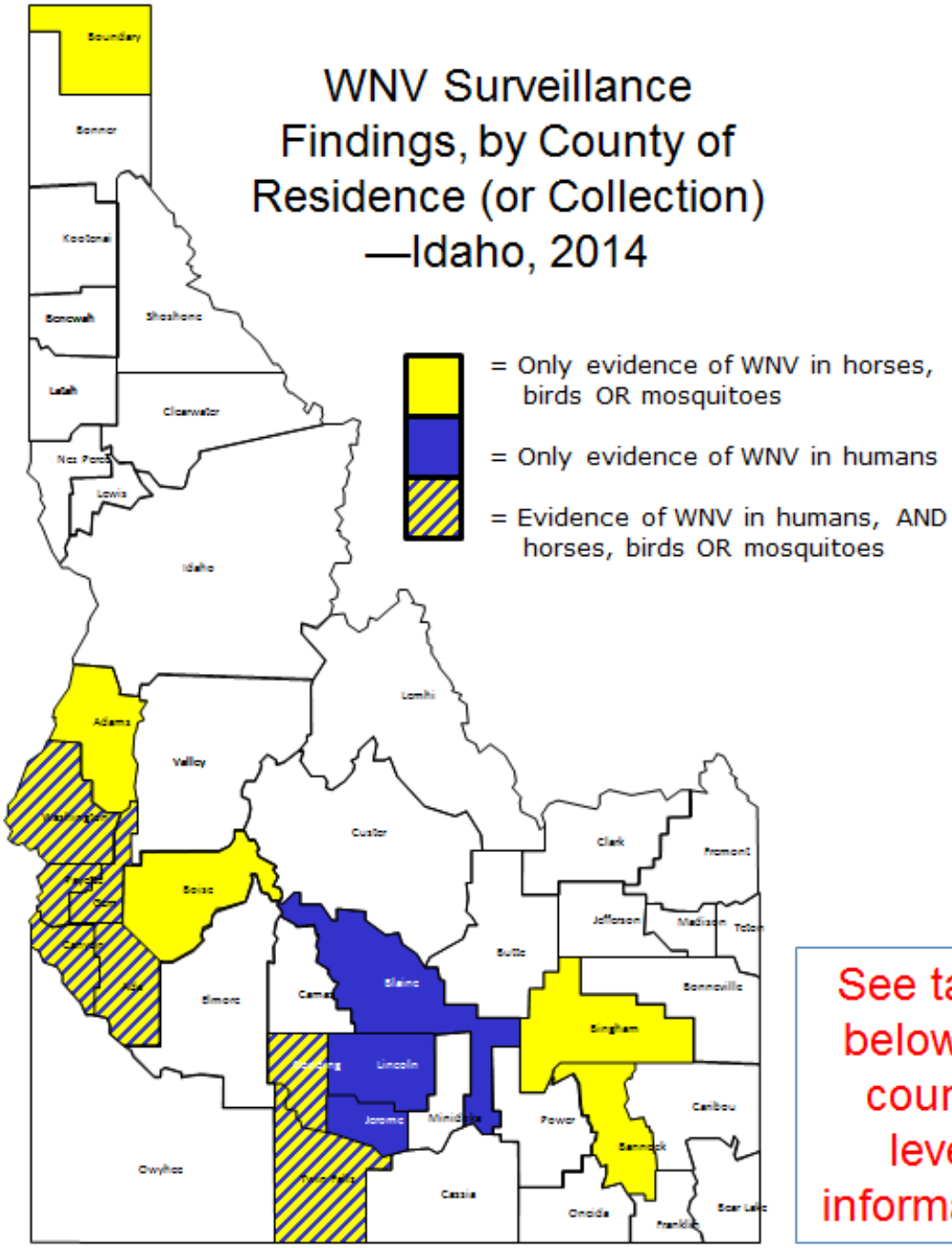
**Veterinary Data:** Colleagues from the Idaho State Department of Agriculture and the Washington State University Animal Disease Diagnostic Laboratory provide BCDP with veterinary surveillance data.

**Avian Data:** Avian surveillance is conducted by the Idaho Department of Fish and Game (IDFG) and Idaho Public Health Districts. Testing is conducted by IDFG and the Idaho Bureau of Laboratories.

**Mosquito Data:** Mosquito surveillance is conducted, through contractual agreement with selected mosquito abatement districts and Public Health Districts; participation varies from year to year. Not all counties in Idaho conduct mosquito surveillance or mosquito control.


IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Updated 5/14/2015




See table below for county level information

WNV- Positive Surveillance Findings,
by County of Residence (or Collection), and Event Date—Idaho, 2014*

| Counties | Humans Fever (Onset Date) | Humans Neuroinvasive (Onset Date) | Horses/other mammals (Diagnosis Date) | Birds (Diagnosis Date) | Positive Mosquito Pools, by collection date† |
|---|---|---|---|---|---|
| Ada | 1 | 1 | 1 | 0 | Positive |
| Adams | 0 | 0 | 0 | 0 | Positive |
| Bannock | 0 | 0 | 1 | 0 | 0 |
| Bear Lake | 0 | 0 | 0 | 0 | 0 |
| Benewah | 0 | 0 | 0 | 0 | 0 |
| Bingham | 0 | 0 | 0 | 0 | Positive |
| Blaine | 1 | 0 | 0 | 0 | 0 |
| Boise | 0 | 0 | 1 | 0 | 0 |
| Bonner | 0 | 0 | 0 | 0 | 0 |
| Bonneville | 0 | 0 | 0 | 0 | 0 |
| Boundary | 0 | 0 | 0 | 0 | Positive |
| Butte | 0 | 0 | 0 | 0 | 0 |
| Camas | 0 | 0 | 0 | 0 | 0 |
| Canyon | 0 | 1 | 0 | 0 | Positive |
| Caribou | 0 | 0 | 0 | 0 | 0 |
| Cassia | 0 | 0 | 0 | 0 | 0 |
| Clark | 0 | 0 | 0 | 0 | 0 |
| Clearwater | 0 | 0 | 0 | 0 | 0 |
| Custer | 0 | 0 | 0 | 0 | 0 |
| Elmore | 0 | 0 | 0 | 0 | 0 |
| Franklin | 0 | 0 | 0 | 0 | 0 |
| Fremont | 0 | 0 | 0 | 0 | 0 |
| Gem | 2 | 0 | 0 | 0 | Positive |
| Gooding | 2 | 1 | 1 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 |
| Jefferson | 0 | 0 | 0 | 0 | 0 |
| Jerome | 1 | 0 | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| Kootenai | 0 | 0 | 0 | 0 | 0 |
| Latah | 0 | 0 | 0 | 0 | 0 |
| Lemhi | 0 | 0 | 0 | 0 | 0 |
| Lewis | 0 | 0 | 0 | 0 | 0 |
| Lincoln | 4 | 0 | 0 | 0 | 0 |
| Madison | 0 | 0 | 0 | 0 | 0 |
| Minidoka | 0 | 0 | 0 | 0 | 0 |
| Nez Perce | 0 | 0 | 0 | 0 | 0 |
| Oneida | 0 | 0 | 0 | 0 | 0 |
| Owyhee | 0 | 0 | 0 | 0 | 0 |
| Payette | 0 | 1 | 0 | 0 | Positive |
| Power | 0 | 0 | 0 | 0 | 0 |
| Shoshone | 0 | 0 | 0 | 0 | 0 |
| Teton | 0 | 0 | 0 | 0 | 0 |
| Twin Falls | 1 | 0 | 0 | 0 | Positive |
| Valley | 0 | 0 | 0 | 0 | 0 |
| Washington | 1 | 2 | 2 | 0 | 0 |
| **Totals** | **13** | **6** | **6** | **0** | **8 counties** |

Total Reported Cases: 19

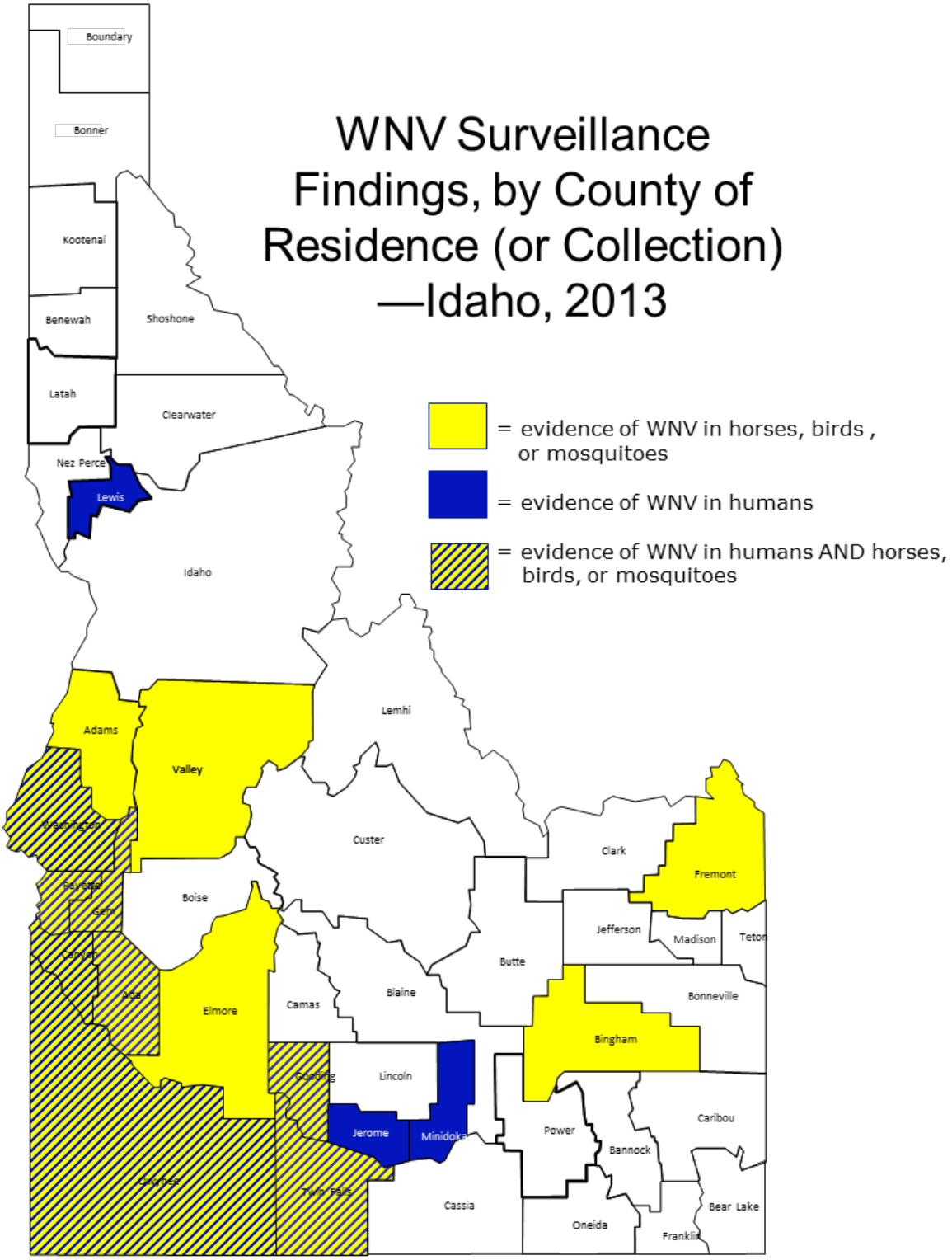
Total Reported Positive Counties: 15

*The data presented are (1) *provisional*, (2) *only* confirmed or probable symptomatic infections and (3) *only* reflects Idaho residents.
Every attempt is made to assure the accuracy of the information presented in the table. Numbers and dates presented here may change, based on completed investigations.

West Nile virus-related deaths: _0_
Positive blood donors: _0

†Positive mosquito pools are noted by collection date; testing takes several days before results are available. Most mosquito abatement districts do not cover the entire county. To learn more, visit the link to 2013 Idaho Mosquito Abatement taxing districts:
http://tax.idaho.gov/ptt/gis/2013TaxDistricts/Mosquito_Abatement/Mosquito_Abatement.pdf

Last reviewed 3/10/2015

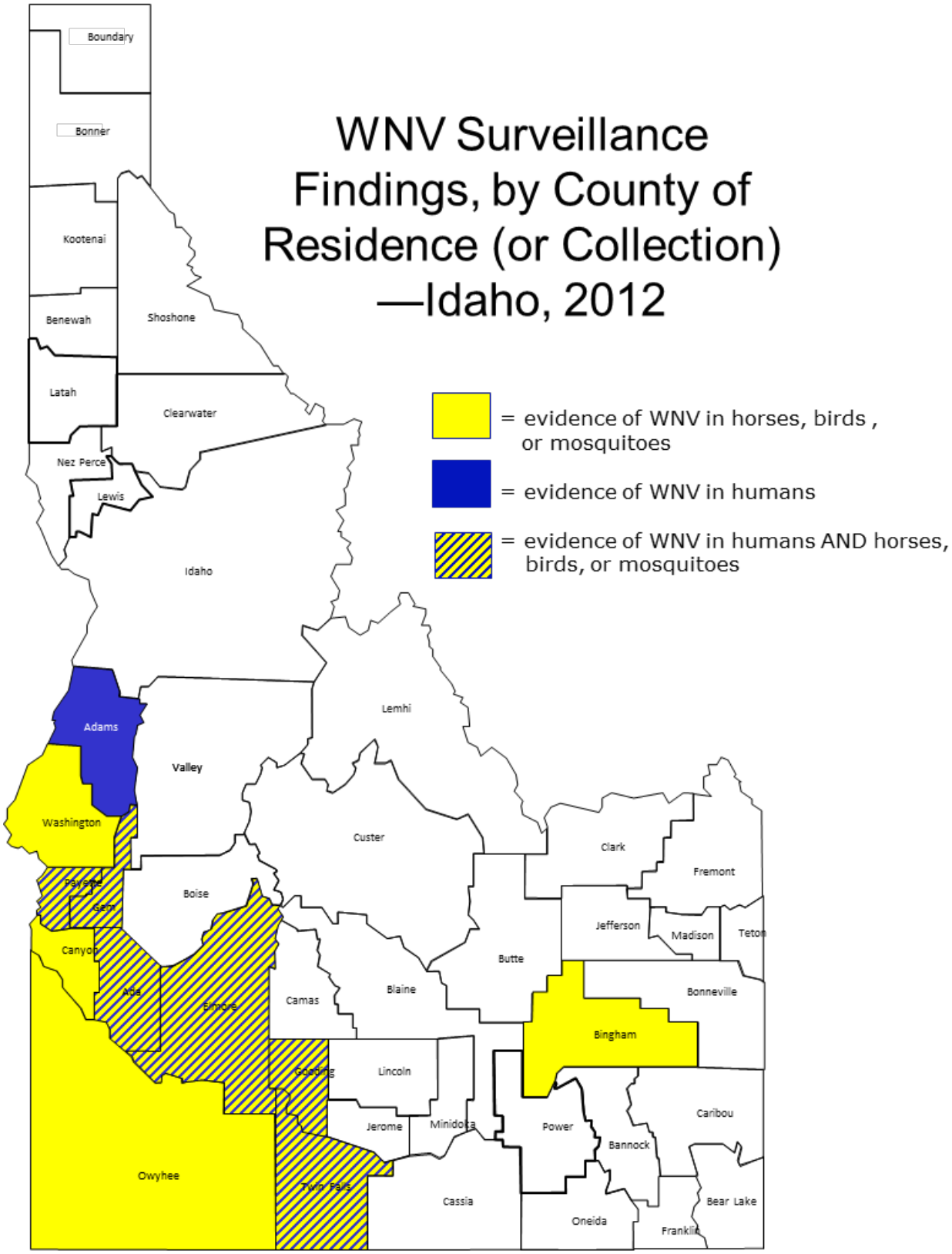



Lewis County case exposed in Canyon County

WNV Surveillance Findings, by County—Idaho, 2013

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Positive Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **7** | 0 | **1** | - | **Positive** |
| Adams | 0 | 0 | - | - | **Positive** |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | **Positive** |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **6** | **8** | **5** | - | **Positive** |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | 0 | 0 | - | - | **Positive** |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | **1** | - | - |
| Gem | 0 | **1** | **1** | - | **Positive** |
| Gooding | 1 | **1** | - | - | **Positive** |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | **1** | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | **1** | - | - | - |

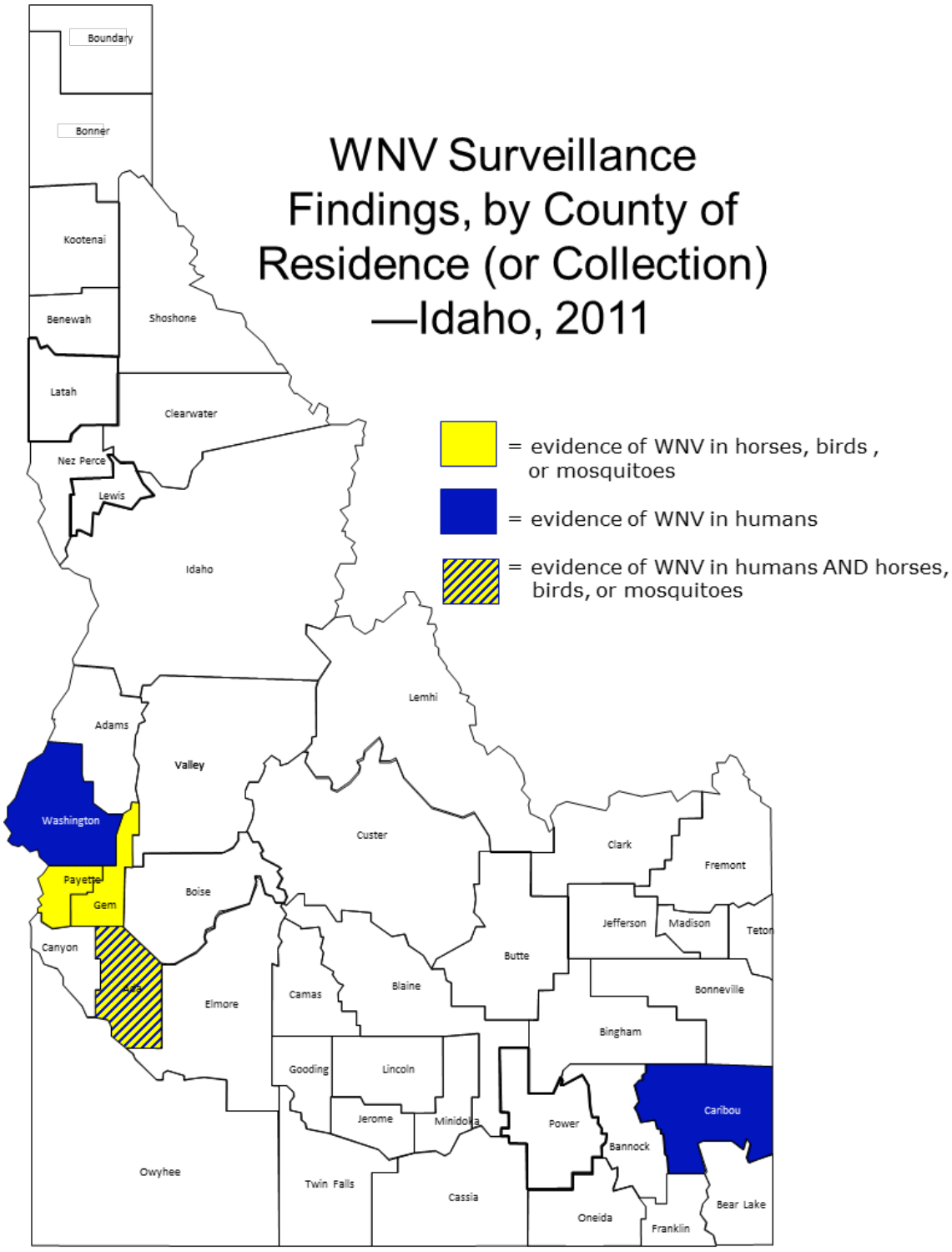
| | | | | | |
|---|---|---|---|---|---|
| Lincoln | 0 | 0 | - | - | - |
| Madison | 0 | 0 | - | - | - |
| Minidoka | **1** | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | **1** | **1** | **1** | - | **Positive** |
| Payette | **4** | **1** | - | - | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | **2** | **1** | - | - | **Positive** |
| Valley | 0 | 0 | **1** | - | **Positive** |
| Washington | **3** | 0 | - | - | **Positive** |
| Totals | **26** | **14** | **10** | **0** | **12** |
| As of 1/24/2014: Total reported cases: **40**<br>Total positive counties: **16** | | | | | |
| The data presented include *only* confirmed or probable symptomatic infections and *only* reflects Idaho residents. Every attempt is made to assure the accuracy of the information presented in the table. Numbers and dates presented here may change, based on completed investigations. | | | | | |
| West Nile virus-related deaths: **2**<br>(included in totals shown in table)<br>Blood donors: **12** (10 asymptomatic donors not in table) | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2012
= evidence of WNV in horses, birds , or mosquitoes
= evidence of WNV in humans
= evidence of WNV in humans AND horses, birds, or mosquitoes
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Idaho
Adams
Valley
Lemhi
Washington
Custer
Clark
Fremont
Payette
Gem
Boise
Jefferson
Madison
Teton
Canyon
Ada
Elmore
Camas
Blaine
Butte
Bonneville
Bingham
Gooding
Lincoln
Jerome
Minidoka
Power
Caribou
Bannock
Owyhee
Twin Falls
Cassia
Oneida
Bear Lake
Franklin

WNV Surveillance Findings, by County—Idaho, 2012

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Positive Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **1** | **1** | - | **1 (Barn Owl)** | **Positive** |
| Adams | **1** | 0 | - | - | - |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | **Positive** |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | 0 | 0 | **3** | - | **Positive** |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | **1** | **2** | **1** | - | - |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | **4** | **1** | - | - | **Positive** |
| Gooding | **1** | 0 | **2** | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |

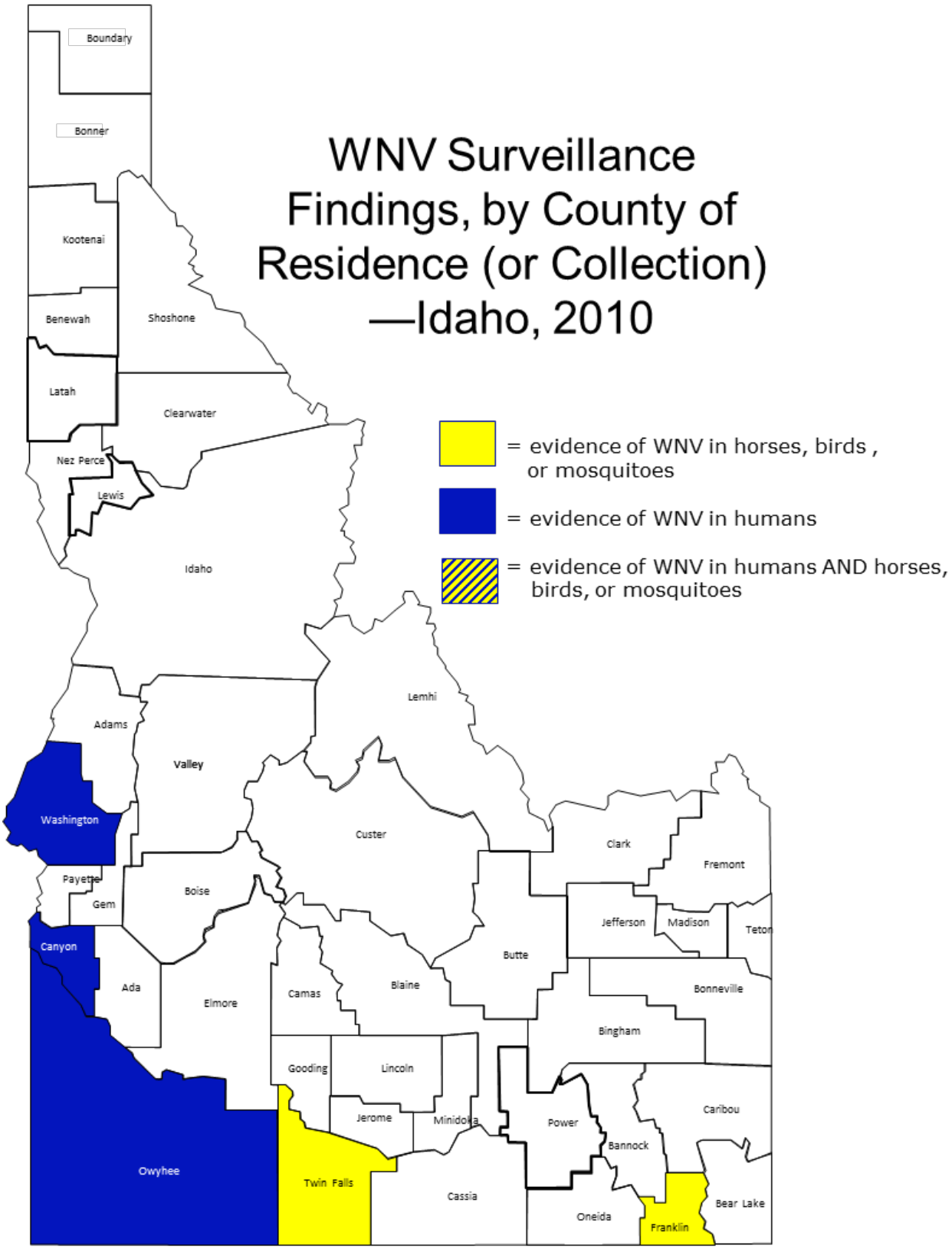
| | | | | | |
|---|---|---|---|---|---|
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | 0 | 0 | **2** | **1 (Golden Eagle)** | **Positive** |
| Payette | **2** | **1** | - | **1 (American Kestrel)** | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | **2** | 0 | - | - | **Positive** |
| Valley | 0 | 0 | - | - | - |
| Washington | 0 | 0 | **1** | - | - |
| **Totals** | **12** | **5** | **9** | **3** | **7 counties** |
| Total reported cases: **17**<br>Total reported counties: **11** | | | | | |
| West Nile virus-related deaths: **0**<br>Blood donors: **2** (asymptomatic, not in table) | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2011
= evidence of WNV in horses, birds , or mosquitoes
= evidence of WNV in humans
= evidence of WNV in humans AND horses, birds, or mosquitoes
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Idaho
Lemhi
Adams
Valley
Washington
Custer
Clark
Fremont
Payette
Gem
Boise
Jefferson
Madison
Teton
Canyon
Ada
Elmore
Camas
Blaine
Butte
Bonneville
Bingham
Gooding
Lincoln
Caribou
Jerome
Minidoka
Power
Bannock
Owyhee
Twin Falls
Cassia
Oneida
Franklin
Bear Lake

WNV Surveillance Findings, by County—Idaho, 2011

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **1** | 0 | **1** | - | - |
| Adams | 0 | 0 | - | - | - |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | - |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | 0 | 0 | - | - | - |
| Caribou | 0 | **1** | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | 0 | 0 | - | - | - |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | 0 | 0 | - | - | **Positive** |
| Gooding | 0 | 0 | - | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |
| Madison | 0 | 0 | - | - | - |

| | | | | | |
|---|---|---|---|---|---|
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | 0 | 0 | - | - | - |
| Payette | 0 | 0 | - | - | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | 0 | 0 | - | - | - |
| Valley | 0 | 0 | - | - | - |
| Washington | **1** | 0 | - | - | - |
| **Totals** | **2** | **1** | **1** | **0** | **2** |
| Total reported cases: **3**<br>Total positive counties: **5** | | | | | |
| West Nile virus-related deaths: **0**<br>Blood donors: **0** | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2010
= evidence of WNV in horses, birds , or mosquitoes
= evidence of WNV in humans
= evidence of WNV in humans AND horses, birds, or mosquitoes
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Idaho
Lemhi
Adams
Valley
Washington
Custer
Clark
Fremont
Payette
Gem
Boise
Jefferson
Madison
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Canyon
Butte
Ada
Elmore
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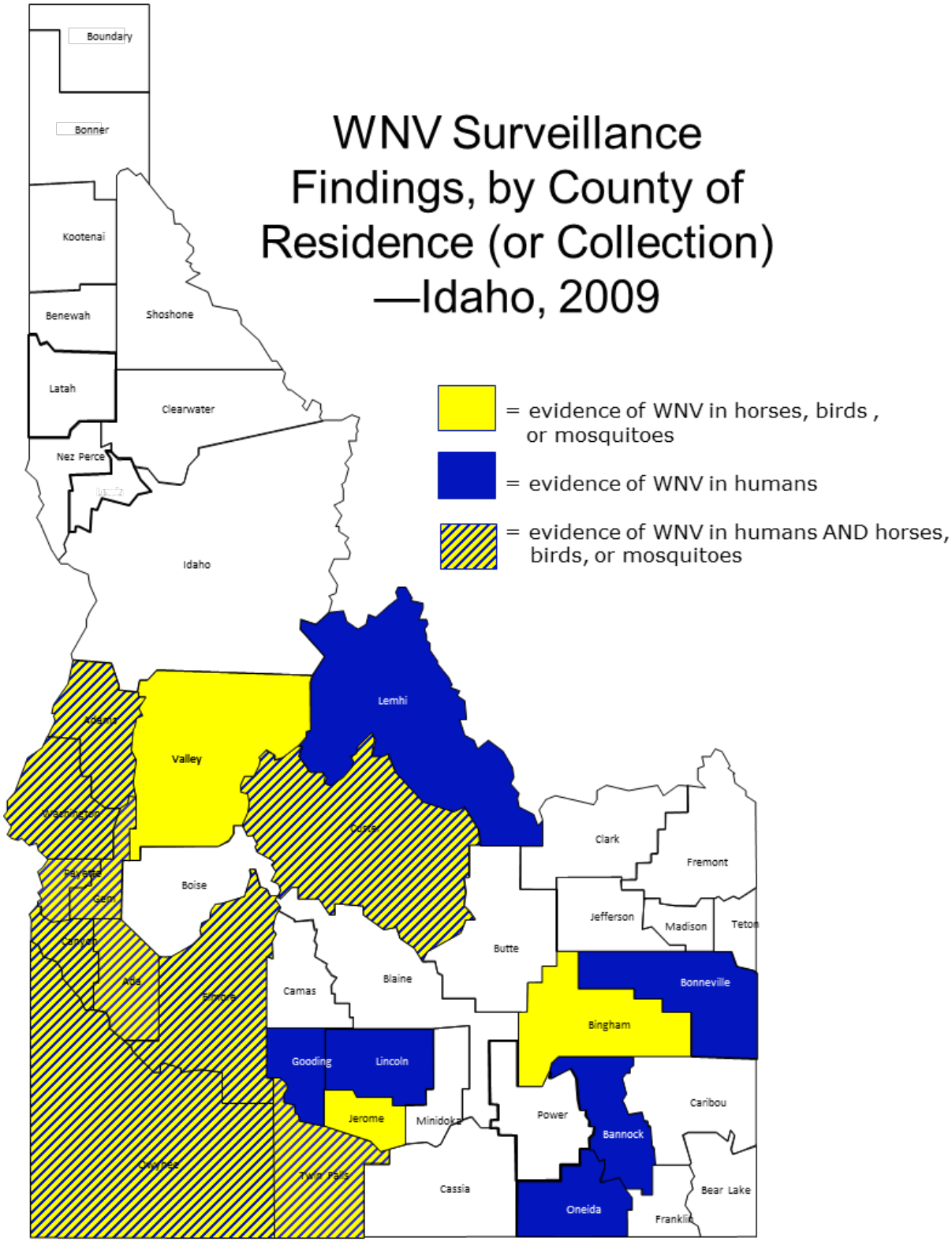
Blaine
Bonneville
Bingham
Gooding
Lincoln
Caribou
Jerome
Minidoka
Power
Bannock
Owyhee
Twin Falls
Cassia
Oneida
Franklin
Bear Lake

WNV Surveillance Findings by County—Idaho, 2010

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | 0 | 0 | - | - | - |
| Adams | 0 | 0 | - | - | - |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | - |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **1** | 0 | - | - | - |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | 0 | 0 | - | - | - |
| Franklin | 0 | 0 | **1** | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | 0 | 0 | - | - | - |
| Gooding | 0 | 0 | - | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |
| Madison | 0 | 0 | - | - | - |

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | **1** | 0 | - | - | - |
| Payette | 0 | 0 | - | - | - |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | 0 | 0 | **Alpacas (2)** | - | - |
| Valley | 0 | 0 | - | - | - |
| Washington | **1** | 0 | - | - | - |
| **Totals** | **3** | **0** | **Horse (1), Alpaca (2)** | **0** | **0** |
| Total symptomatic cases: **3**<br>Total positive counties: **5** | | | | | |
| West Nile virus-related deaths: **0**<br>(included in totals shown in table)<br>Blood donors: **0** | | | | | |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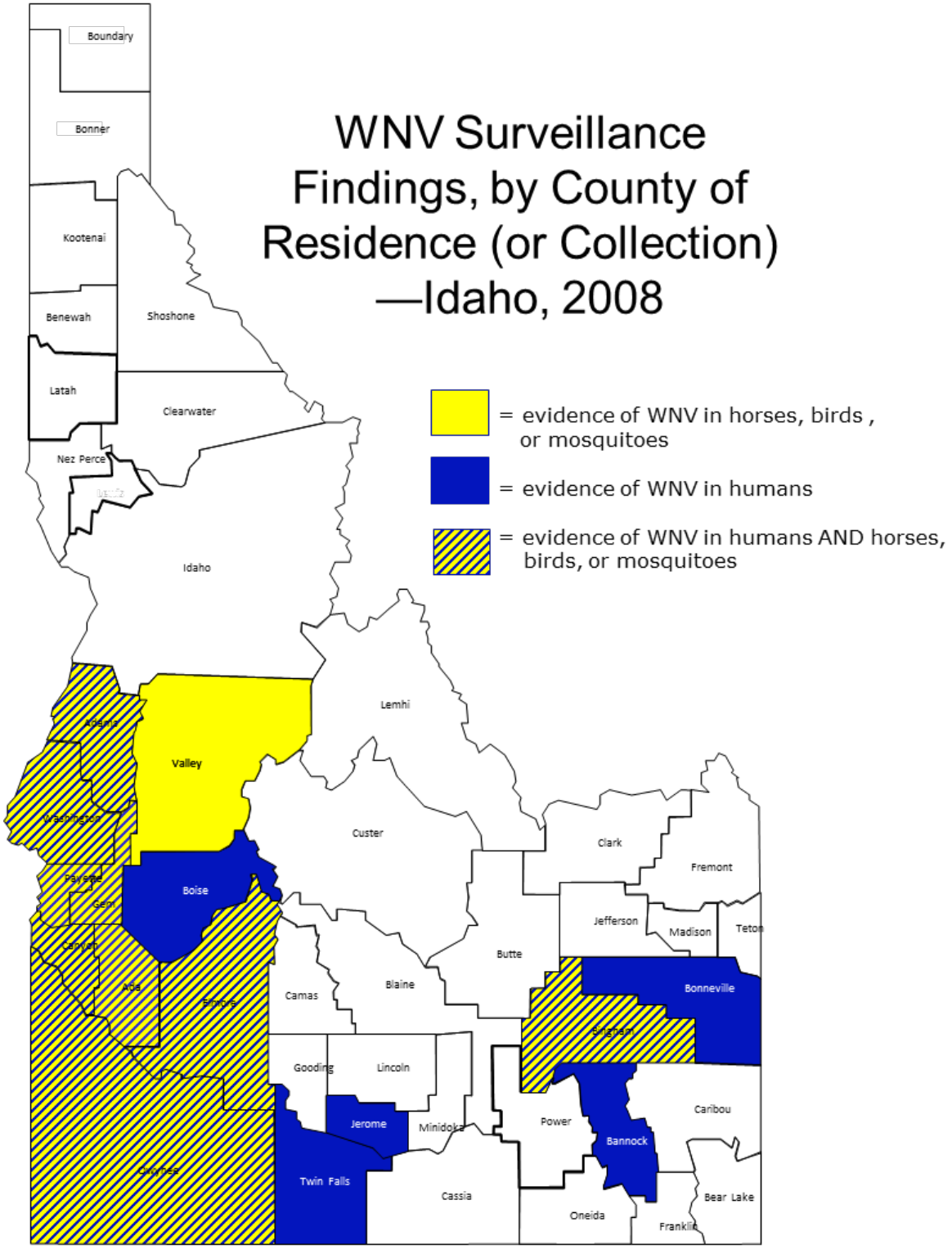
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Idaho
Lemhi
Valley
Boise
Clark
Fremont
Jefferson
Madison
Butte
Blaine
Camas
Bonneville
Bingham
Gooding
Lincoln
Jerome
Minidoka
Power
Bannock
Caribou
Cassia
Oneida
Bear Lake
Franklin

WNV Surveillance Findings, by County—Idaho, 2009

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **3** | **1** | **1** | 0 | **Positive** |
| Adams | 0 | **1** | - | **Sage Grouse (1)** | **Positive** |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | **Positive** |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | **1** | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **8** | **1** | **2, Dog (1)** | - | **Positive** |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | **1** | 0 | **1** | - | - |
| Elmore | **4** | **2** | - | - | **Positive** |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | **2** | 0 | - | - | **Positive** |
| Gooding | **1** | 0 | - | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | **1** | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | **1** | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | **1** | - | - | - |

| | | | | | |
|---|---|---|---|---|---|
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | **1** | 0 | - | - | - |
| Owyhee | 0 | **1** | **1** | - | **Positive** |
| Payette | **1** | **1** | **2** | - | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | **2** | **1** | **1** | - | **Positive** |
| Valley | 0 | 0 | - | - | - |
| Washington | **2** | **1** | - | - | **Positive** |
| **Totals** | **25** | **12** | **Horse (9), Dog (1)** | **1** | **10** |
| Total symptomatic cases:**37**<br>Total positive counties: **17** | | | | | |
| West Nile virus-related deaths: **2**<br>(included in totals shown in table)<br>Asymptomatic blood donors: **2** | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2008
= evidence of WNV in horses, birds , or mosquitoes
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Boundary
Bonner
Kootenai
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Clark
Fremont
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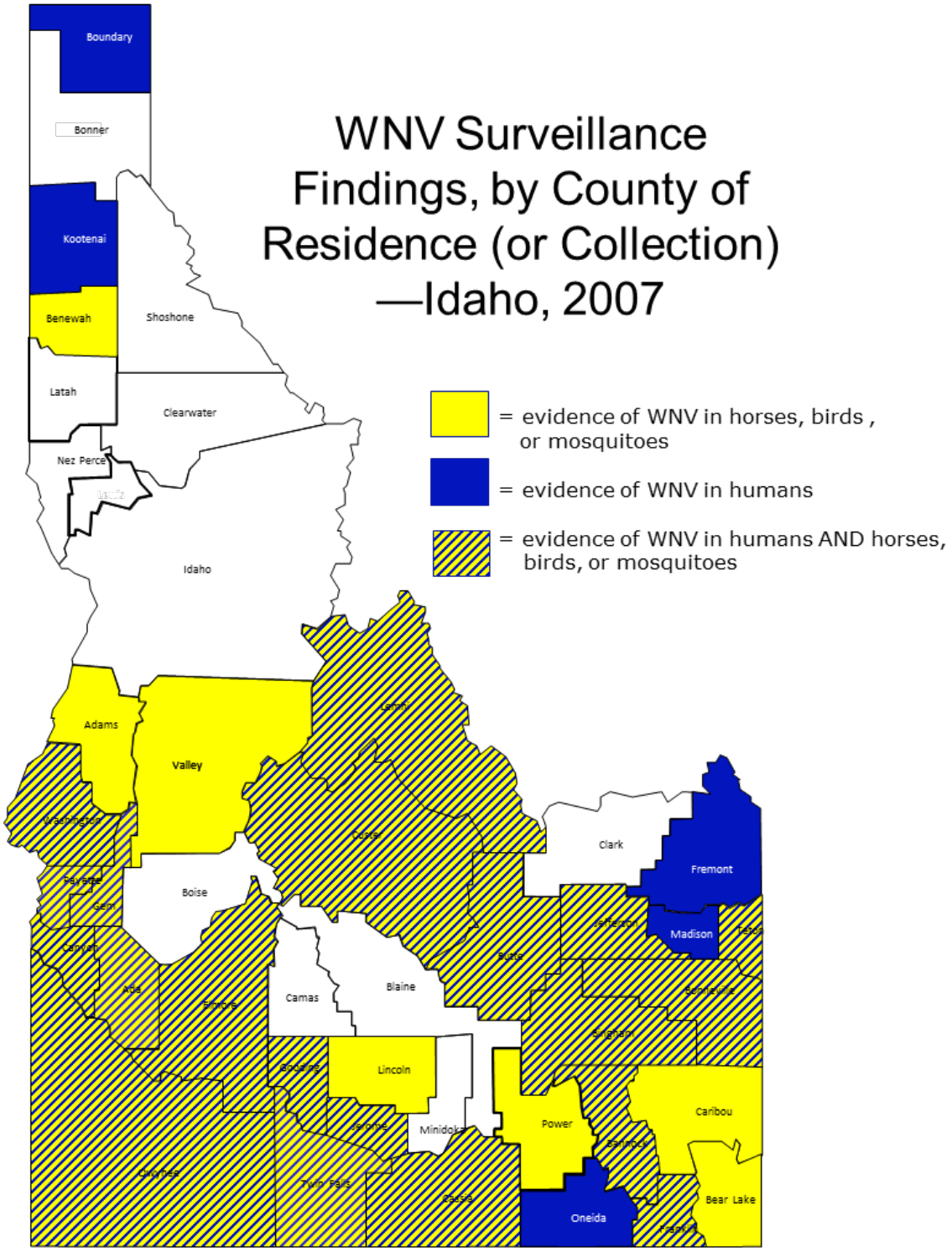
Madison
Teton
Butte
Bonneville
Camas
Blaine
Gooding
Lincoln
Jerome
Minidoka
Power
Bannock
Caribou
Twin Falls
Cassia
Oneida
Bear Lake
Franklin

WNV Surveillance Findings, by County—Idaho, 2008

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **5** | **1** | - | - | **Positive** |
| Adams | **3** | **1** | - | **1(Golden Eagle)** | - |
| Bannock | **2** | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | **2** | 0 | - | - | **Positive** |
| Blaine | 0 | 0 | - | - | - |
| Boise | **1** | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | **2** | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **2** | 0 | - | - | **Positive** |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | **3** | **1** | - | **1(Sharp-shinned Hawk)** | **Positive** |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | **2** | 0 | - | **1(Golden Eagle)** | **Positive** |
| Gooding | 0 | 0 | - | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | **1** | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |

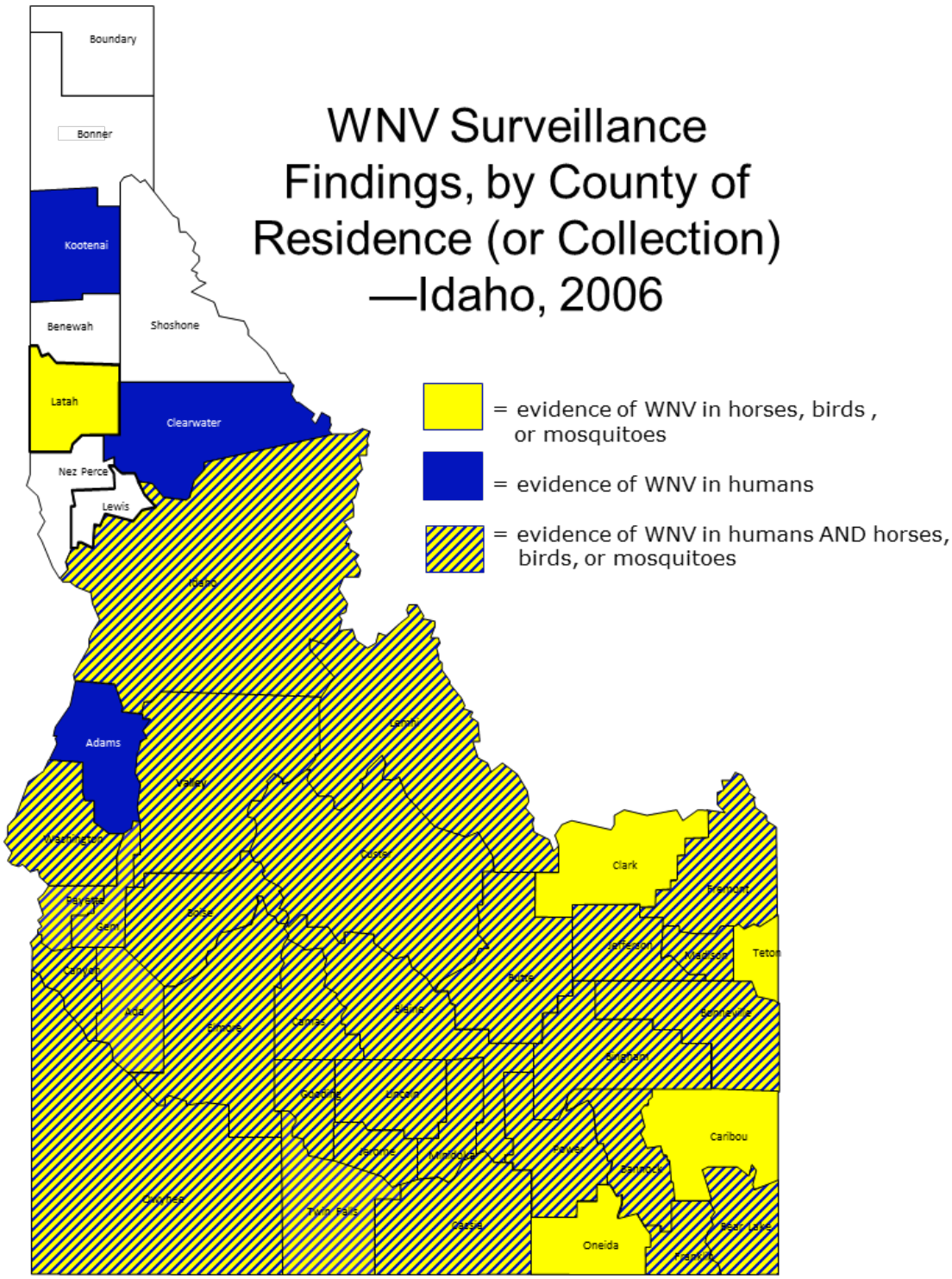
| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | 0 | **1** | **1** | - | - |
| Payette | **2** | **1** | - | - | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | **1** | **1** | - | - | - |
| Valley | 0 | 0 | - | **1(American Crow)** | - |
| Washington | **4** | 0 | - | - | **Positive** |
| **Totals** | **30** | **6** | **1** | **4** | **7** |
| Total symptomatic cases: **36**<br>Total positive counties: **15** | | | | | |
| West Nile virus-related deaths: **1**<br>(included in totals shown in table)<br>Blood Donors: **0** | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2007
= evidence of WNV in horses, birds , or mosquitoes
= evidence of WNV in humans
= evidence of WNV in humans AND horses, birds, or mosquitoes
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Idaho
Adams
Valley
Boise
Clark
Fremont
Madison
Camas
Blaine
Lincoln
Minidoka
Power
Caribou
Bear Lake
Oneida

WNV Surveillance Findings, by County—Idaho, 2007

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Positive Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **19** | **2** | **1** | - | **Positive** |
| Adams | 0 | 0 | - | - | **Positive** |
| Bannock | **5** | 0 | - | - | **Positive** |
| Bear Lake | 0 | 0 | - | - | **Positive** |
| Benewah | 0 | 0 | - | **1 (Red-tailed Hawk)** | - |
| Bingham | **5** | 0 | **1** | **1(Red-tailed Hawk)** | **Positive** |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | **4** | 0 | **1** | - | **Positive** |
| Boundary | 0 | **1** | - | - | - |
| Butte | **1** | 0 | **Dog (1)** | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **23** | **4** | **1** | **1(Swainson's Hawk)** | **Positive** |
| Caribou | 0 | 0 | - | - | **Positive** |
| Cassia | **1** | 0 | **1** | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | **4** | 0 | **1** | - | - |
| Elmore | **7** | 0 | - | **1(Bald Eagle)** | **Positive** |
| Franklin | **1** | **2** | **1, Llama (1)** | - | - |
| Fremont | **1** | 0 | **-** | - | - |
| Gem | **12** | **1** | **2** | **3(American Crow[2], Swainson's Hawk[1])** | **Positive** |
| Gooding | **4** | **1** | - | - | **Positive** |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | **1** | 0 | - | - | **Positive** |
| Jerome | **1** | 0 | - | **1(American Crow)** | - |
| Kootenai | **1*** | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |

| | | | | | |
|---|---|---|---|---|---|
| Lemhi | **6** | 0 | - | **3(American Crow[2], Common Raven[1])** | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | **1** | - | - |
| Madison | **2** | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | **1** | 0 | - | - | - |
| Owyhee | **7** | 0 | **2** | - | **Positive** |
| Payette | **6** | **1** | - | **1(Black-billed Magpie)** | **Positive** |
| Power | 0 | 0 | - | - | **Positive** |
| Shoshone | 0 | 0 | - | - | - |
| Teton | **4** | 0 | **Alpaca (1)** | **1(Red-tailed Hawk)** | - |
| Twin Falls | **3** | 0 | - | - | **Positive** |
| Valley | 0 | 0 | **1** | **2(American Crow[1], American Kestrel[1])** | **Positive** |
| Washington | **4** | 0 | - | - | **Positive** |
| | **123** | **12** | **Horse (13), Alpaca (1), Llama (1), Dog (1)** | **15** | **18** |
| Total reported cases: **135**<br>Total positive counties:**32** | | | | | |
| West Nile virus-related deaths: **1**<br>(included in totals shown in table)<br>Blood donors: **3** | | | | | |
| *imported case, no local transmission documented in Kootenai County | | | | | |


WNV Surveillance Findings, by County of Residence (or Collection) —Idaho, 2006
= evidence of WNV in horses, birds , or mosquitoes
= evidence of WNV in humans
= evidence of WNV in humans AND horses, birds, or mosquitoes
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Adams
Valley
Washington
Payette
Gem
Boise
Canyon
Ada
Elmore
Camas
Blaine
Lincoln
Gooding
Jerome
Twin Falls
Minidoka
Cassia
Owyhee
Bannock
Power
Oneida
Caribou
Bear Lake
Franklin
Clark
Fremont
Teton
Jefferson
Madison
Bingham
Bonneville
Butte
Jerome

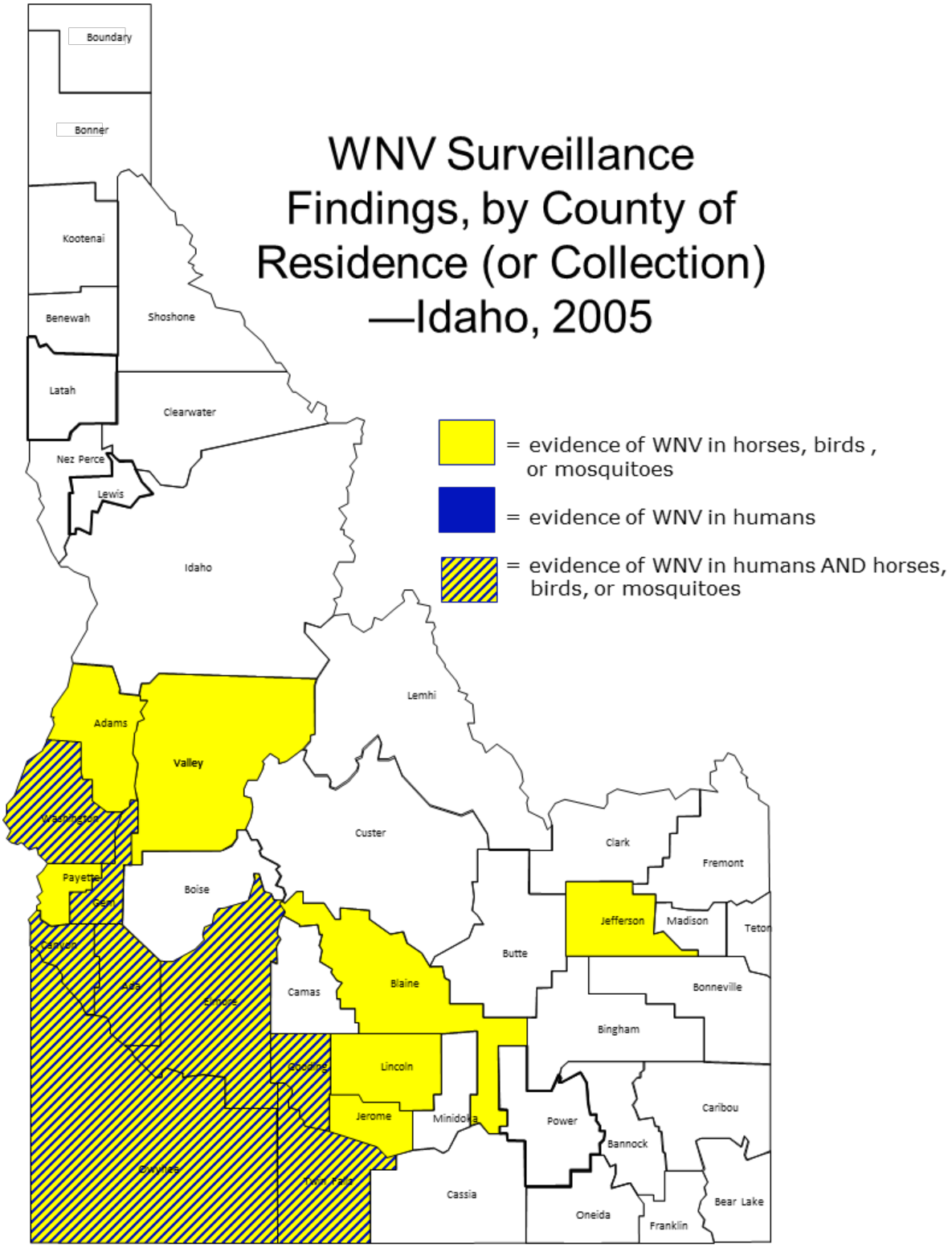
WNV Surveillance Findings, by County—Idaho, 2006

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Positive Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **210** | **41** | **40** | **29** | **Positive** |
| Adams | **8** | 0 | - | - | **-** |
| Bannock | **20** | **4** | **22** | **3** | **-** |
| Bear Lake | **1** | 0 | **5** | - | **Positive** |
| Benewah | 0 | 0 | - | **-** | - |
| Bingham | **125** | **19** | **44** | **2** | - |
| Blaine | **9** | **1** | **4** | **1** | - |
| Boise | **6** | 0 | **7** | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | **30** | **2** | **9** | **5** | **Positive** |
| Boundary | 0 | **0** | - | - | - |
| Butte | **4** | 0 | **7** | **2** | - |
| Camas | **1** | **1** | **1** | - | - |
| Canyon | **143** | **37** | **51 (49 horses, 1 cow, 1 llama)** | **14** | **Positive** |
| Caribou | 0 | 0 | **2** | - | - |
| Cassia | **1** | **3** | **10** | **1** | - |
| Clark | 0 | 0 | **2** | - | - |
| Clearwater | **1** | 0 | - | - | - |
| Custer | **4** | 0 | **12** | **3** | - |
| Elmore | **58** | **9** | **6** | **6** | **Positive** |
| Franklin | **1** | 0 | **9** | - | - |
| Fremont | **5** | 0 | **9** | **3** | - |
| Gem | **12** | **4** | **7** | **9** | **Positive** |
| Gooding | **40** | **6** | **2** | **7** | - |
| Idaho | **3** | 0 | **1** | - | - |
| Jefferson | **11** | **3** | **20** | **5** | **Positive** |
| Jerome | **10** | **2** | **3** | **7** | - |
| Kootenai | 0 | **1** | - | - | - |
| Latah | 0 | 0 | **1** | - | - |
| Lemhi | **2** | 0 | **7** | **1** | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | **7** | **2** | **5** | **1** | - |

| | | | | | |
|---|---|---|---|---|---|
| Madison | **5** | **2** | **9** | **2** | - |
| Minidoka | **16** | **8** | **8** | **2** | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | **2** | **1** | - |
| Owyhee | **26** | **6** | **4** | **10** | - |
| Payette | **19** | **4** | **2** | **-** | - |
| Power | **2** | 0 | **4** | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | **1** | **-** | - |
| Twin Falls | **29** | **10** | **22** | **11** | - |
| Valley | 0 | **2** | **-** | **1** | **Positive** |
| Washington | **18** | **2** | **2** | **1** | - |
| | **827** | **169** | **340** | **127*** | **8** |
| Total reported cases: **996**<br>Total positive counties:**38** | | | | | |
| West Nile virus-related deaths: **23**<br>(included in totals shown in table)<br>Blood donors: **20** | | | | | |

*48 Black-billed magpies, 41 American crows, 11 Sage Grouse, 5 Common Ravens, 5 Swainson's Hawks, 4 California Condors, 3 Golden Eagles, 2 American Kestrels, , 2 Barn Owls, 2 Red-tailed Hawks, 1 Great Horned Owl, 1 Gyrfalcon, and 1 Ferruginous Hawk.

Squirrel mortality was high in south and southeastern communities, attributed to WNV.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Lincoln
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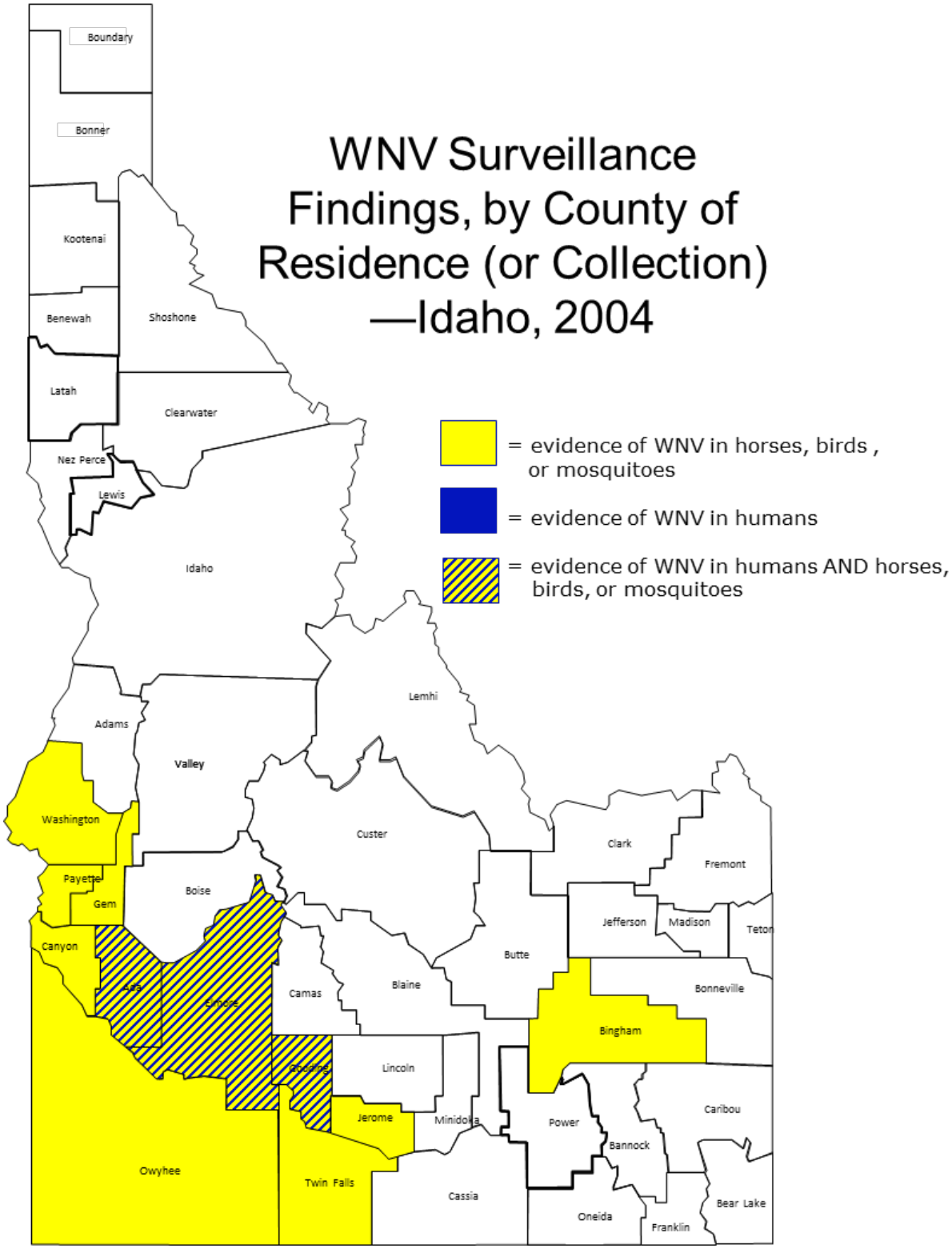
Minidoka
Power
Caribou
Bannock
Cassia
Oneida
Franklin
Bear Lake

WNV Surveillance Findings by County—Idaho, 2005

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | **2** | 0 | **4** | **6 (Black-billed Magpie [4], American Crow [1], Golden Eagle [1])** | **Positive** |
| Adams | 0 | 0 | **4** | - | - |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | - |
| Blaine | 0 | 0 | **5** | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | **2** | 0 | **23** | **3 (Magpie [2], American White Pelican [1])** | **Positive** |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | **2** | 0 | **2** | - | - |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | **2** | 0 | **10** | **2 (Magpie [1], Crow [1])** | **Positive** |

| | | | | | |
|---|---|---|---|---|---|
| Gooding | 0 | **2** | **9** | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | **2** | - | - |
| Jerome | 0 | 0 | **1, Dog (1)** | **2 (Magpies)** | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | **10** | **1 (Magpie)** | - |
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | **1** | 0 | **15** | - | - |
| Payette | 0 | 0 | **6** | **1 (Swainson's Hawk)** | **Positive** |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | **1** | 0 | **3** | - | - |
| Valley | 0 | 0 | **1** | - | - |
| Washington | 0 | **1** | **20** | - | **Positive** |
| **Totals** | **10** | **3** | **Horses (113), Dog (1)** | **15** | **5** |
| Total reported cases: **13**<br>Total positive counties: **15** | | | | | |
| West Nile virus-related deaths: **0**<br>Blood donors: **1** | | | | | |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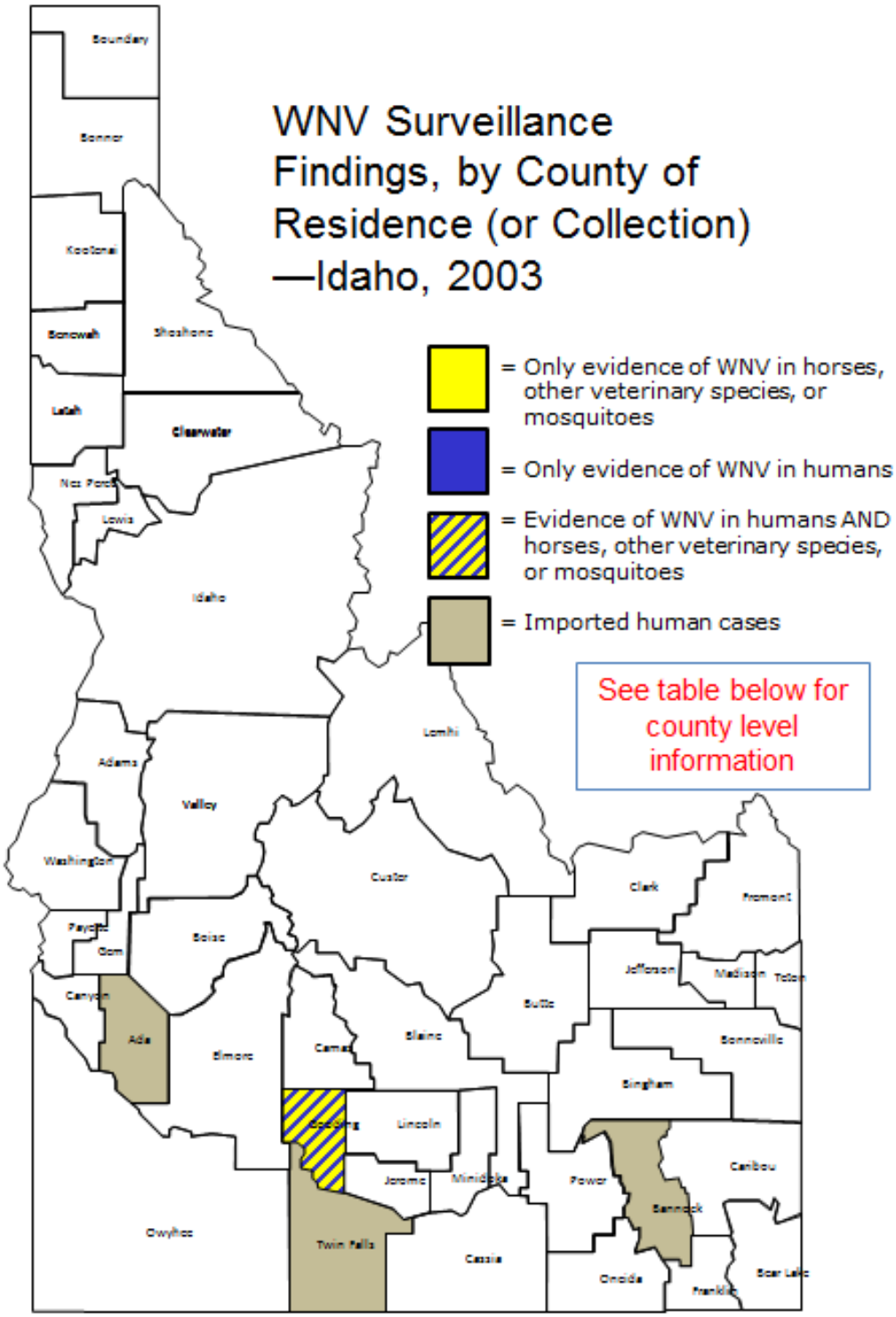
Cassia
Oneida
Franklin
Bear Lake

WNV Surveillance Findings, by County—Idaho, 2004

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | 0 | **1** | - | **1 (American Crow)** | - |
| Adams | 0 | 0 | - | - | - |
| Bannock | 0 | 0 | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | **1** | - | - |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | 0 | 0 | **6** | **1 (Crow)** | - |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | **1** | 0 | **3** | **2 (Crows)** | - |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | 0 | 0 | **Alpaca (1)** | - | - |
| Gooding | **1** | 0 | **8** | **1 (Black-billed Magpie)** | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | - | **1 (Golden Eagle)** | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |

| | | | | | |
|---|---|---|---|---|---|
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | 0 | 0 | **1** | - | - |
| Payette | 0 | 0 | **2** | - | - |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | 0 | 0 | **1** | - | - |
| Valley | 0 | 0 | - | - | - |
| Washington | 0 | 0 | - | **1 (Magpie)** | - |
| **Totals** | **2** | **1** | **Horse (22), Alpaca (1)** | **7** | **0** |
| Total reported cases: **3**<br>Total positive counties: **11** | | | | | |
| West Nile virus-related deaths: **0**<br>Blood donors detected: **0** | | | | | |




WNV first detected in Idaho in 2003, associated with imported, infected alligators

WNV Surveillance Findings, by County—Idaho, 2003

| Counties | Humans Fever | Humans Neuroinvasive | Horses/other mammals | Birds | Mosquito Pools |
|---|---|---|---|---|---|
| Ada | 1 (imported) | 0 | - | - | - |
| Adams | 0 | 0 | - | - | - |
| Bannock | 0 | 1 (imported) | - | - | - |
| Bear Lake | 0 | 0 | - | - | - |
| Benewah | 0 | 0 | - | - | - |
| Bingham | 0 | 0 | - | - | - |
| Blaine | 0 | 0 | - | - | - |
| Boise | 0 | 0 | - | - | - |
| Bonner | 0 | 0 | - | - | - |
| Bonneville | 0 | 0 | - | - | - |
| Boundary | 0 | 0 | - | - | - |
| Butte | 0 | 0 | - | - | - |
| Camas | 0 | 0 | - | - | - |
| Canyon | 0 | 0 | - | - | - |
| Caribou | 0 | 0 | - | - | - |
| Cassia | 0 | 0 | - | - | - |
| Clark | 0 | 0 | - | - | - |
| Clearwater | 0 | 0 | - | - | - |
| Custer | 0 | 0 | - | - | - |
| Elmore | 0 | 0 | - | - | - |
| Franklin | 0 | 0 | - | - | - |
| Fremont | 0 | 0 | - | - | - |
| Gem | 0 | 0 | - | - | - |
| Gooding | **1 (locally acquired)** | 0 | **Alligators (14)** | - | - |
| Idaho | 0 | 0 | - | - | - |
| Jefferson | 0 | 0 | - | - | - |
| Jerome | 0 | 0 | - | - | - |
| Kootenai | 0 | 0 | - | - | - |
| Latah | 0 | 0 | - | - | - |
| Lemhi | 0 | 0 | - | - | - |
| Lewis | 0 | 0 | - | - | - |
| Lincoln | 0 | 0 | - | - | - |

| | | | | | |
|---|---|---|---|---|---|
| Madison | 0 | 0 | - | - | - |
| Minidoka | 0 | 0 | - | - | - |
| Nez Perce | 0 | 0 | - | - | - |
| Oneida | 0 | 0 | - | - | - |
| Owyhee | 0 | 0 | - | - | - |
| Payette | 0 | 0 | - | - | - |
| Power | 0 | 0 | - | - | - |
| Shoshone | 0 | 0 | - | - | - |
| Teton | 0 | 0 | - | - | - |
| Twin Falls | 0 | 1 (imported) | - | - | - |
| Valley | 0 | 0 | - | - | - |
| Washington | 0 | 0 | - | - | - |
| **Totals** | **2** | **2** | **14+ (large alligator die-off [~1000], 14 tested)** | **-** | **-** |
| Total Reported Cases: **4**<br>Total positive counties: **1 (3/4 cases imported)** | | | | | |
| West Nile virus-related deaths: **0**<br>Blood donors detected: **0** | | | | | |