



West Nile Virus National Surveillance Report

English Edition

September 4, 2005 - September 10, 2005 (Week 36)

Canada

Human:

During week 36, 45 West Nile virus (WNV) clinical cases [Ontario (20), Manitoba (9), Saskatchewan (14) and Alberta (2)] were reported in Canada . As of 10 September 2005, 158 WNV clinical cases and 9 asymptomatic infections have been reported to the Public Health Agency of Canada (PHAC). Of the 158 clinical cases, 33 (21%) were reported as West Nile Neurological Syndrome, 109 (69%) were reported as West Nile Non-Neurological Syndrome, and 16 (10%) were Unclassified/Unspecified. Fourteen cases are travel-related. To date, there have been seven deaths [Saskatchewan (1), Manitoba (1) and Ontario (5)] in patients with WNV infection. WNV may not have been the causal factor in all of these deaths.

Bird:

During week 36, 112 dead birds were tested and 40 (36%) were reported positive for WNV (see bird table). No new health units reported dead birds positive for WNV in week 36. A total of 3666 dead birds have been tested since 2 May 2005, of which 405 (11%) were positive for WNV. Of the 405 positive birds, 302 (75%) were identified as American Crows, 102 (25%) were Blue Jays and one was a Black-billed Magpie.

Domestic Animal:

As of week 36, 13 horses positive for WNV were reported in Ontario (2), Manitoba (3) and Saskatchewan (8).

Mosquito:

As of week 36, 626 mosquito pools positive for WNV were reported in Alberta (1), Saskatchewan (97), Manitoba (192), Ontario (258) and Quebec (78).

National West Nile virus surveillance data and maps can be found on the Public Health Agency of Canada (PHAC) web site at: <http://www.phac-aspc.gc.ca/wnv-vwn/index.html>

Provinces/Territories: Detailed WNV information can be accessed through the Links section on the PHAC WNV web site.

United States

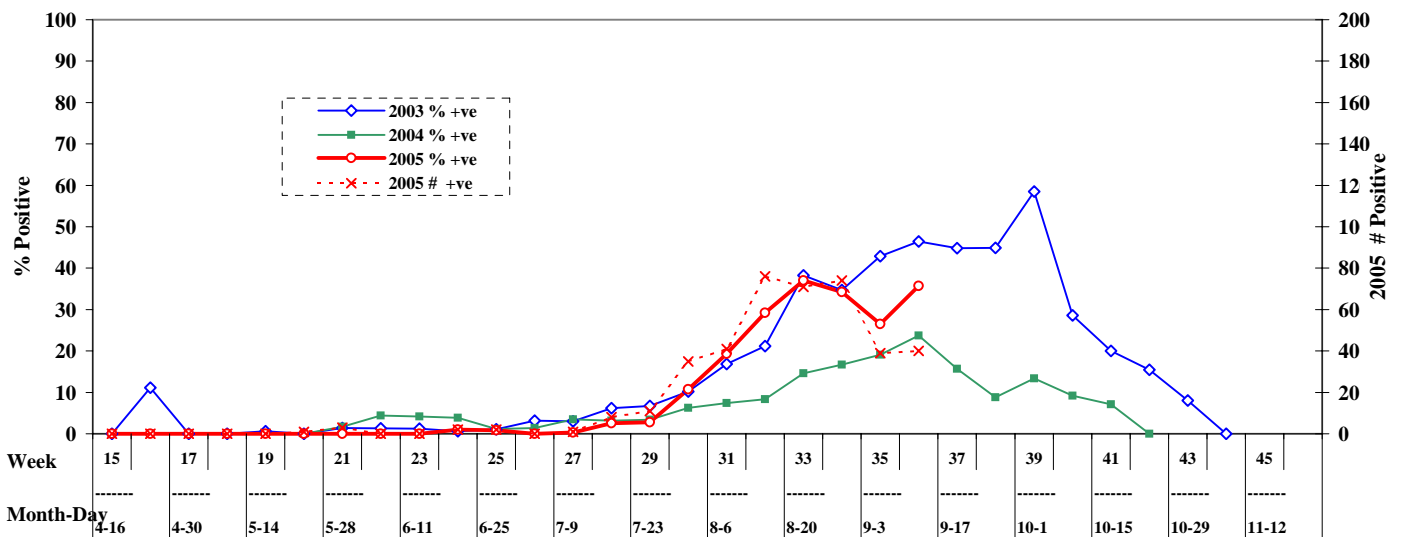
Human:

Between January 1 and September 13, 2005, a total of 1299 WNV cases were reported to the Centers for Disease Control and Prevention (CDC) in the U.S. Of the 1299 cases, 497 (38%) were reported as WN Neuroinvasive Disease, 724 (56%) were reported as WN Fever (Non-Neuroinvasive Disease), and 78 (6%) were Unspecified. To date, 29 deaths have been reported.

States: Detailed State information can be accessed through the CDC web site: <http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm>



Percentage of Dead Birds¹ Tested Positive for WNV, by Report Week, Canada 2003, 2004 & 2005, and Number of Dead Birds¹ Tested Positive for WNV, by Report Week, Canada 2005



2005 Report Week and End-of-week Date (Month-Day)

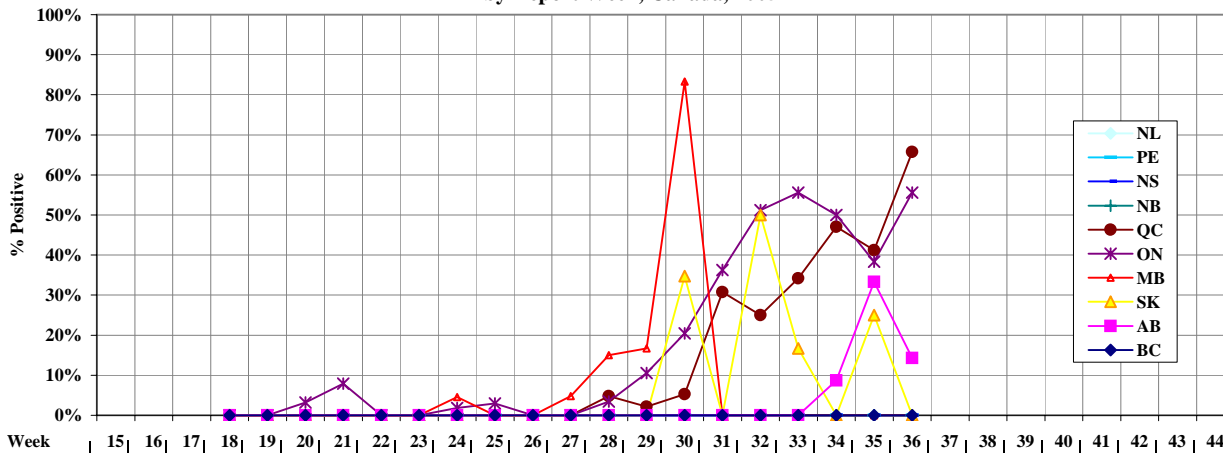
¹ Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens).

**Dead Bird¹ WNV Test Results for Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2005**

Provinces / Territories	September 4, 2005 - September 10, 2005 (Week 36)				Year-to-Date: September 10, 2005 (Week 36)			
	No. tests	No. positive tests			No. tests	No. positive tests		
		Presumptive ²	Confirmed	Total		Presumptive ²	Confirmed	Total
NL	0	0	0	0	0	0	0	0
PE	0	0	0	0	80	0	0	0
NS	3	0	0	0	168	0	0	0
NB	2	0	0	0	242	0	0	0
QC	35	0	23	23	489	0	96	96
ON	27	0	15	15	1222	0	277	277
MB	0	0	0	0	161	0	12	12
SK	0	0	0	0	121	0	14	14
AB	14	0	2	2	197	0	6	6
BC	31	0	0	0	979	0	0	0
YT	0	0	0	0	0	0	0	0
NT	0	0	0	0	7	0	0	0
NU	0	0	0	0	0	0	0	0
Canada	112	0	40	40	3666	0	405	405

Abbreviations: Newfoundland & Labrador (NL), Prince Edward Island (PE), New Brunswick (NB), Nova Scotia (NS), Quebec (QC), Ontario (ON), Manitoba (MB), Saskatchewan (SK), Alberta (AB), British Columbia (BC), Yukon Territory (YT), Northwest Territories (NT), Nunavut (NU)

**Percentage of Dead Birds¹ Tested Positive for WNV, by Province/Territory,
by Report Week, Canada, 2005**



Week	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
NL				0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0								
PE				0/0	0/0	0/1	0/2	0/0	0/4	0/2	0/4	0/9	0/10	0/14	0/10	0/6	0/4	0/4	0/3	0/4	0/3	0/0								
NS				0/0	0/0	0/0	0/2	0/1	0/2	0/9	0/0	0/3	0/19	0/20	0/30	0/21	0/13	0/13	0/8	0/9	0/15	0/3								
NB				0/0	0/0	0/0	0/0	0/0	0/4	0/17	0/19	0/45	0/26	0/41	0/23	0/23	0/13	0/16	0/5	0/8	0/2									
QC				0/0	0/0	0/0	0/0	0/10	0/25	0/30	0/45	0/33	2/42	1/47	2/38	8/26	8/32	14/41	24/51	14/34	23/35									
ON				0/0	0/8	1/31	3/38	0/48	0/68	1/54	2/67	0/70	0/77	3/87	8/76	20/98	33/91	65/127	55/99	48/96	23/60	15/27								
MB				0/0	0/0	0/6	0/10	0/14	0/7	1/22	0/20	0/23	1/21	3/20	2/12	5/6	0/0	0/0	0/0	0/0	0/0	0/0								
SK				0/0	0/0	0/3	0/6	0/1	0/2	0/4	0/8	0/9	0/7	0/18	0/11	8/23	0/7	3/6	2/12	0/0	1/4	0/0								
AB				0/0	0/0	0/0	0/0	0/0	0/6	0/4	0/7	0/6	0/15	0/74	0/14	0/3	0/15	0/13	2/23	1/3	2/14									
BC				0/3	0/10	0/21	0/39	0/42	0/68	0/73	0/93	0/73	0/83	0/71	0/90	0/96	0/45	0/50	0/0	0/28	0/20	0/31								
YT				0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0								
NT				0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/1	0/1	0/4	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0								
NU				0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0								
CA ³				0/3	0/18	1/62	3/97	0/107	0/161	2/199	2/244	0/259	1/305	8/313	11/39	35/324	41/211	76/260	71/192	74/216	39/147	40/112								

¹ Mostly corvids (e.g. crows, blue jays, grey jays, scrub jays, stellar jays, magpies, and ravens)

² Requires additional testing before it can be considered a confirmed result

³ Canada weekly proportion positive

**WNV Human Clinical Cases and Asymptomatic Infections Reported for Current Report Week and Year-to-Date,
by Province/Territory, Canada, 2005**

Provinces Territories	Report Week: September 4, 2005 - September 10, 2005 (Week 36)									
	West Nile Virus Neurological Syndrome		West Nile Virus Non-Neurological Syndrome		Unclassified / Unspecified	Total Clinical Cases ⁵	No. of travel related cases ⁶	No. deaths	West Nile Virus Asymptomatic Infection	
	Prob ⁴	Conf	Prob ⁴	Conf					Prob ⁴	Conf
NL	0	0	0	0	0	0	0	0	0	0
PE	0	0	0	0	0	0	0	0	0	0
NS	0	0	0	0	0	0	0	0	0	0
NB	0	0	0	0	0	0	0	0	0	0
QC	0	0	0	0	0	0	0	0	0	0
ON	1	3	0	15	1	20	0	2	0	0
MB	0	0	2	0	7	9	1	0	0	0
SK	1	0	10	0	3	14	0	0	0	0
AB	0	0	1	1	0	2	0	0	0	0
BC	0	0	0	0	0	0	0	0	0	0
YT	0	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0	0
NU	0	0	0	0	0	0	0	0	0	0
Canada	2	3	13	16	11	45	1	2	0	0

Provinces Territories	Year-to-Date: September 10, 2005 (Week 36)									
	West Nile Virus Neurological Syndrome		West Nile Virus Non-Neurological Syndrome		Unclassified / Unspecified	Total Clinical Cases ⁵	No. of travel related cases ⁶	No. deaths	West Nile Virus Asymptomatic Infection	
	Prob ⁴	Conf	Prob ⁴	Conf					Prob ⁴	Conf
NL	0	0	0	0	0	0	0	0	0	0
PE	0	0	0	0	0	0	0	0	0	0
NS	1	0	0	0	0	1	1	0	0	0
NB	0	0	0	0	0	0	0	0	0	0
QC	0	1	1	0	2	4	1	0	1	0
ON	1	14	0	41	2	58	7	5	0	4
MB	10	0	25	0	8	43	3	1	0	3
SK	1	3	34	1	4	43	0	1	0	1
AB	1	1	3	4	0	9	2	0	0	0
BC	0	0	0	0	0	0	0	0	0	0
YT	0	0	0	0	0	0	0	0	0	0
NT	0	0	0	0	0	0	0	0	0	0
NU	0	0	0	0	0	0	0	0	0	0
Canada	14	19	63	46	16	158	14	7	1	8

Abbreviations: Probable (Prob); Confirmed (Conf); Newfoundland & Labrador (NL), Prince Edward Island (PE), New Brunswick (NB), Nova Scotia (NS), Quebec (QC), Ontario (ON), Manitoba (MB), Saskatchewan (SK), Alberta (AB), British Columbia (BC), Yukon Territory (YT), Northwest Territories (NT), Nunavut (NU)

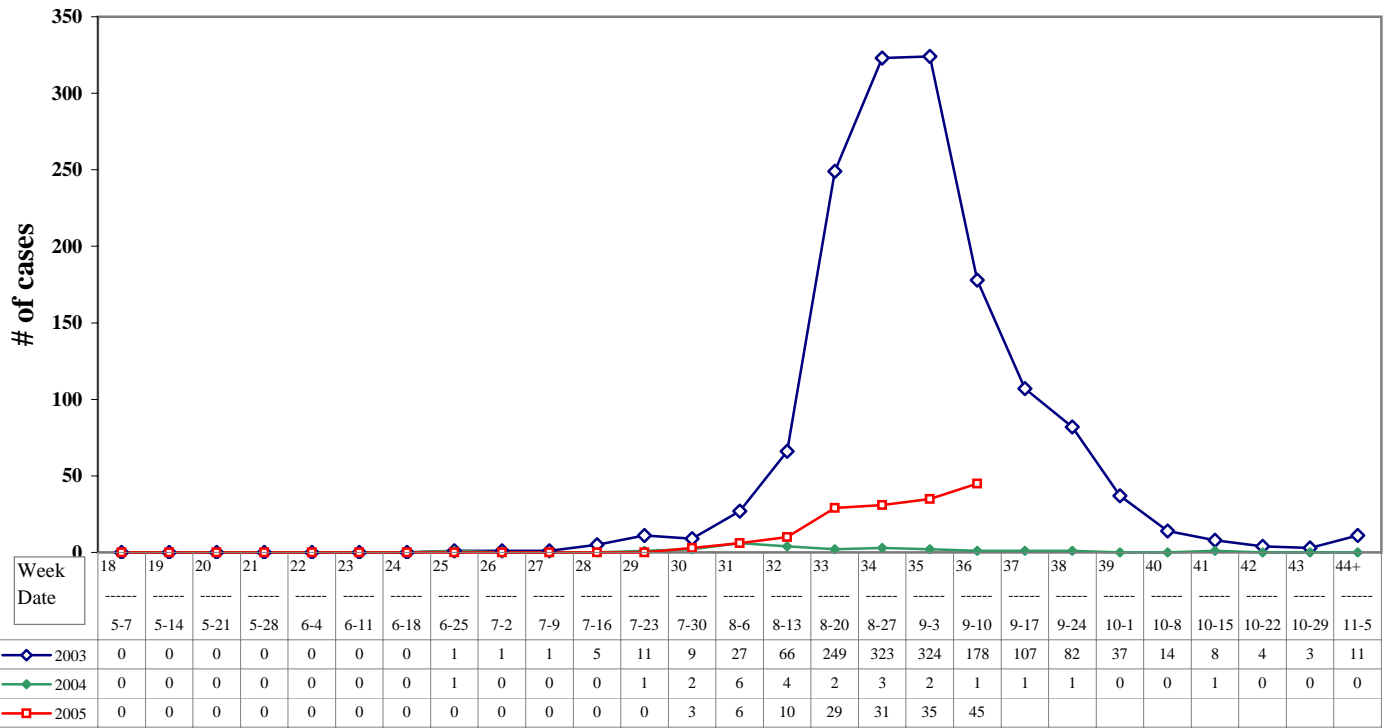
⁴ Requires additional testing before it can be considered a confirmed result

⁵ Total clinical cases is the sum of WNNS + WN Non-NS + Unclassified / Unspecified

⁶ Likely related to travel outside the province / territory

Details on human case definitions can be seen on the PHAC West Nile virus surveillance web site:
http://www.phac-aspc.gc.ca/wnv-vwn/hmncasedef_e.html

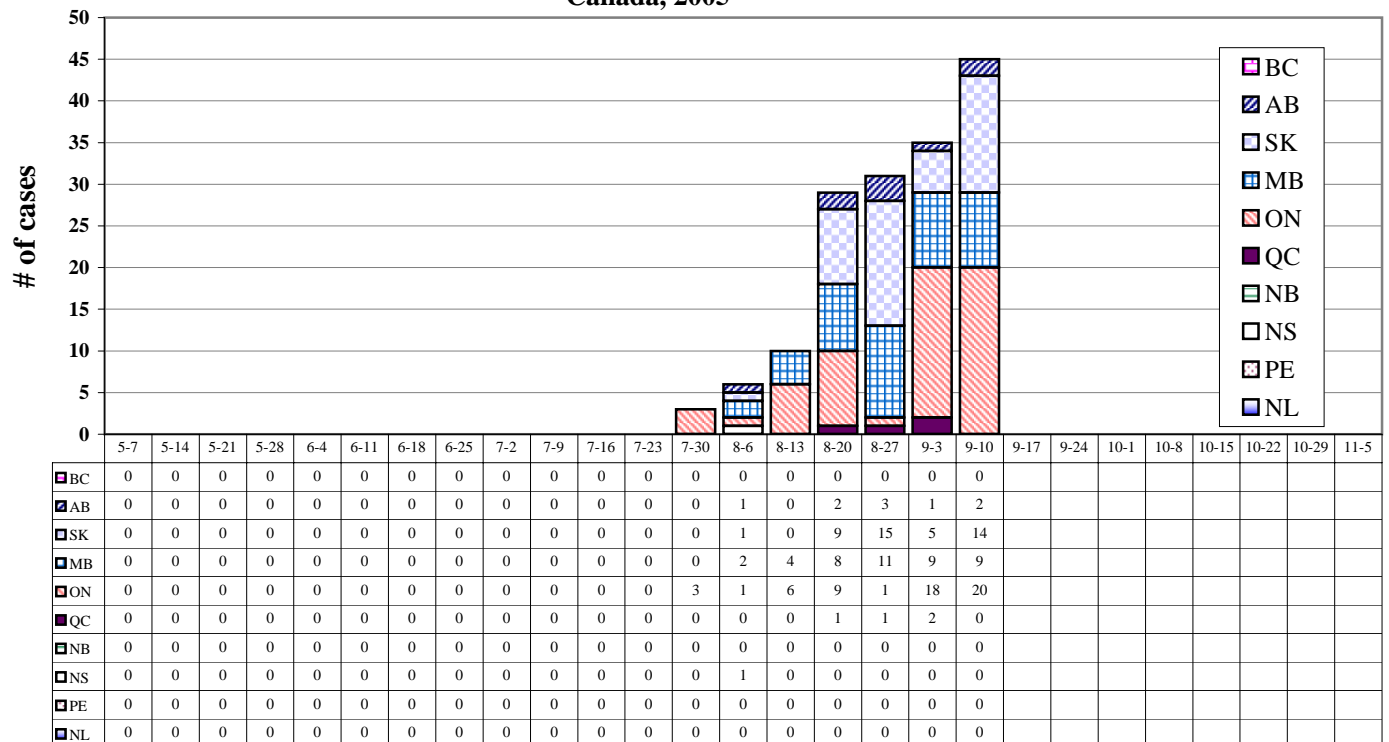
WNV Human Clinical Cases, Canada, 2003 to 2005



2005 Report Week and End-of-week Date

Note: 2003, 2004, and 2005 by available episode date ⁷

WNV Human Clinical Cases, by Province/Territory, by End-of-Week Date, Canada, 2005



⁷ Episode date could include one of the following: onset date, diagnosis date, lab sample date, reporting date