

2391 v.9

(5/29/2012 11:19:02)

16 questionnaires: 12 cases; 3 controls; 1 excluded

Study Design: case-control

Case Definition: Basic Norovirus (V or 3D)

**DESCRIPTION OF THE 12 CASES \*\*\*\*\***

Sex Distribution

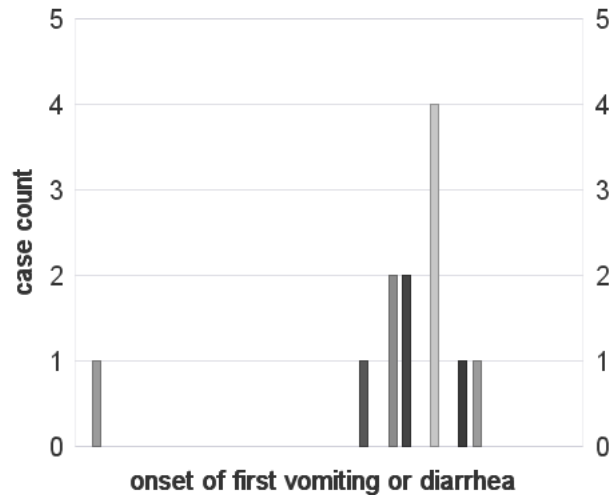
Male: 7 (58%) Female: 5 (42%)

Age Distribution (N = 12 cases)

infants	0	(0%)
1-4	0	(0%)
5-9	0	(0%)
10-19	0	(0%)
20-49	7	(58%)
50-74	5	(42%)
75+	0	(0%)
unknown	0	(0%)

Signs and Symptoms (N = 12 cases)

any diarrhea	11	(92%)
3+ diarrhea	11	(92%)
vomiting	11	(92%)
bloody D	0	(0%)
cramps	8	(67%)
fever	10	(83%)
headache	9	(75%)
myalgia	6	(50%)
chills	7	(58%)
fatigue	9	(75%)
nausea	10	(83%)
gas	0	(0%)
other	0	(0%)



According to the keypunched questionnaires (not necessarily the last word)...

3 missed work or school.

0 saw a clinician.

0 visited an ER.

0 were admitted to a hospital.

0 died.

2 said they had already donated a stool specimen

**2x2 TABLES FOR EXPOSURES \*\*\*\*\***

12 cases and 3 controls

Exposure data were recorded for at least one person in each of the following data entry blocks: 1 2 3 4 5 7 8

2x2 tables were constructed and analyzed for exposure items with at least 1 "yes" answer, viz.,  
1a 1b 2a 2b 2c 2d 2e 2f 2g 2h 2i 2j 3a 3b 3c 3d 3e 3f 4a 4b 4c 4d 4e 4f 4g 4h 4i 4k 5b 7a 7z 8r

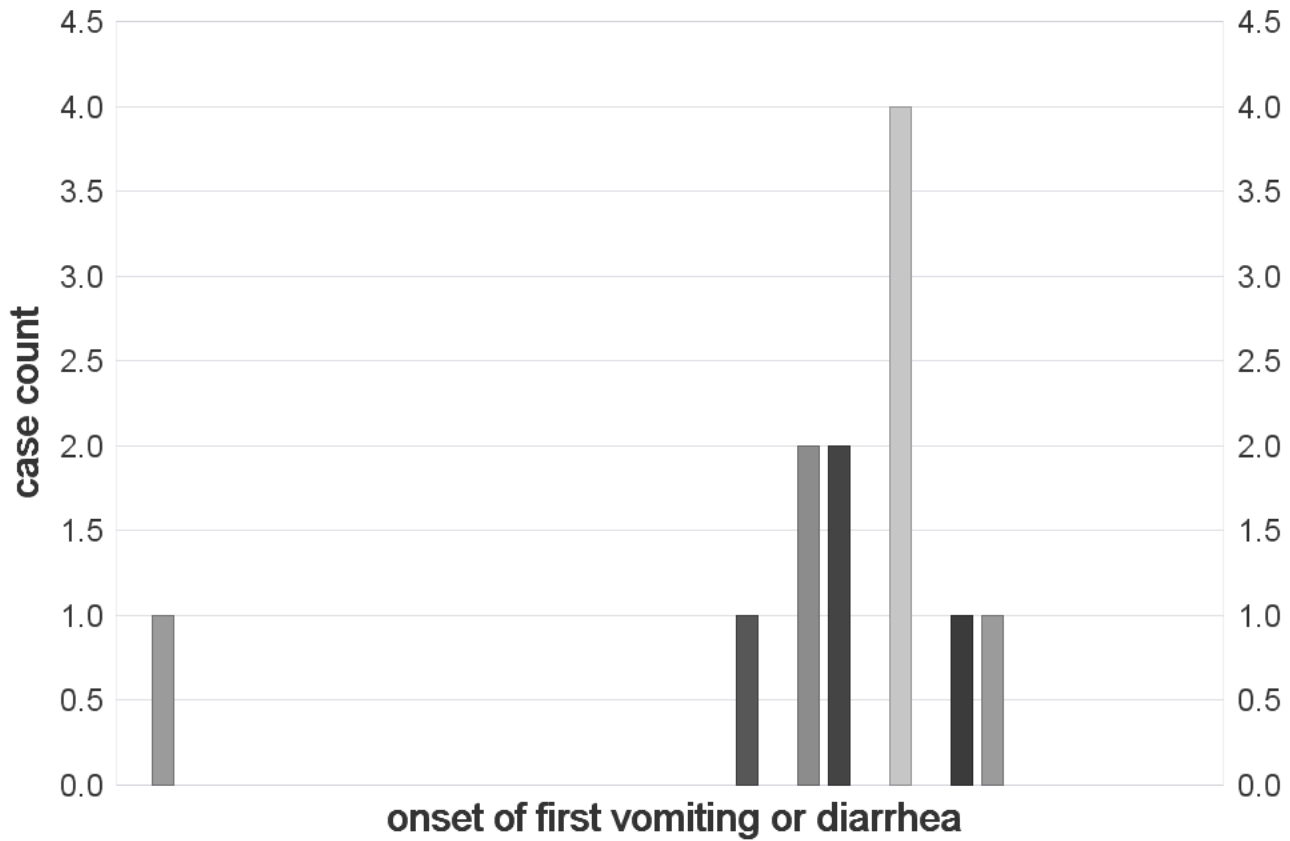
With a case-control study design, the exposure data are presented with odds ratios.

The results are sorted to show the exposure with the biggest difference between cases and controls at the top. This is not necessarily the most interesting or significant exposure. Ubiquitous exposures (all cases and controls exposed) can never be ruled out based on 2x2 results alone.

DESCRIPTION	ITEM	OR (95% C.I.)	P VALUE	EXPOSURE PREVALENCE	2x2 CELLS [ABCD]	N
Sick	7Z	16.5... ( , )	0.009	92% ill, 0% well .... (92%)	[11, 0, 1, 3].....	15
<b>Women's restroom</b>	8R	1.88... ( , )	<b>0.505</b>	42% ill, 0% well .... (42%)	[5, 0, 7, 3].....	15
white HC	3C	2..... (0.1, 28)	1	50% ill, 33% well .. (17%)	[6, 1, 6, 2].....	15
Mayonnaise packet	4A	2..... (0.1, 28)	1	50% ill, 33% well .. (17%)	[6, 1, 6, 2].....	15
Black olives	4C	2..... (0.1, 28)	1	50% ill, 33% well .. (17%)	[6, 1, 6, 2].....	15
Onions	4E	.55.... ( , )	1	17% ill, 0% well .... (17%)	[2, 0, 10, 3].....	15
white CCC	2C	1.43... (0.1, 20)	1	42% ill, 33% well .... (8%)	[5, 1, 7, 2].....	15
Pepperocinis	4D	1.43... (0.1, 20)	1	42% ill, 33% well .... (8%)	[5, 1, 7, 2].....	15
Plain chips	4H	1.43... (0.1, 20)	1	42% ill, 33% well .... (8%)	[5, 1, 7, 2].....	15
Other	4K	.25.... ( , )	1	8% ill, 0% well ..... (8%)	[1, 0, 11, 3].....	15
Special diet	7A	.25.... ( , )	1	8% ill, 0% well ..... (8%)	[1, 0, 11, 3].....	15
attended lunch	1A	0..... ( , )	1	100% ill, 100% well (0%)	[12, 3, 0, 0].....	15
eat or taste food	1B	0..... ( , )	1	100% ill, 100% well (0%)	[12, 3, 0, 0].....	15
cold cut combo	2A	.88.... (0.1, 13)	1	64% ill, 67% well ... (-3%)	[7, 2, 4, 1].....	14
white American cheese	2D	.7..... (0.1, 10)	1	58% ill, 67% well ... (-8%)	[7, 2, 5, 1].....	15
Cheese	2H	.7..... (0.1, 10)	1	58% ill, 67% well ... (-8%)	[7, 2, 5, 1].....	15
Lettuce	2I	.7..... (0.1, 10)	1	58% ill, 67% well ... (-8%)	[7, 2, 5, 1].....	15
Jalapenos	4F	.67.... (0, 10)	1	25% ill, 33% well ... (-8%)	[3, 1, 9, 2].....	15
Drink from vending machin	4I	.67.... (0, 10)	1	25% ill, 33% well ... (-8%)	[3, 1, 9, 2].....	15
Ham	2E	.5..... (0, 7.1)	1	50% ill, 67% well . (-17%)	[6, 2, 6, 1].....	15
Salami	2F	.5..... (0, 7.1)	1	50% ill, 67% well . (-17%)	[6, 2, 6, 1].....	15
Bologna	2G	.5..... (0, 7.1)	1	50% ill, 67% well . (-17%)	[6, 2, 6, 1].....	15
Tomatoes	2J	.5..... (0, 7.1)	1	50% ill, 67% well . (-17%)	[6, 2, 6, 1].....	15
BBQ chips	4G	.5..... (0, 7.1)	1	50% ill, 67% well . (-17%)	[6, 2, 6, 1].....	15
Peanuts	5B	.4..... (0, 6.8)	0.516	17% ill, 33% well . (-17%)	[2, 1, 10, 2].....	15
Ham and Cheese	3A	0..... ( , )	0.528	70% ill, 100% well (-30%)	[7, 3, 3, 0].....	13
White American Cheese	3D	0..... ( , )	0.516	67% ill, 100% well (-33%)	[8, 3, 4, 0].....	15
Lettuce	3E	0..... ( , )	0.516	67% ill, 100% well (-33%)	[8, 3, 4, 0].....	15
Mustard packet	4B	.25.... (0, 3.7)	0.525	33% ill, 67% well . (-33%)	[4, 2, 8, 1].....	15
wheat CCC	2B	.17.... (0, 2.6)	0.242	25% ill, 67% well . (-42%)	[3, 2, 9, 1].....	15
Tomatoes	3F	0..... ( , )	0.505	58% ill, 100% well (-42%)	[7, 3, 5, 0].....	15
wheat HC	3B	0..... ( , )	0.077	33% ill, 100% well (-67%)	[4, 3, 8, 0].....	15

\*\*\*\*\* END OF REPORT \*\*\*\*\*

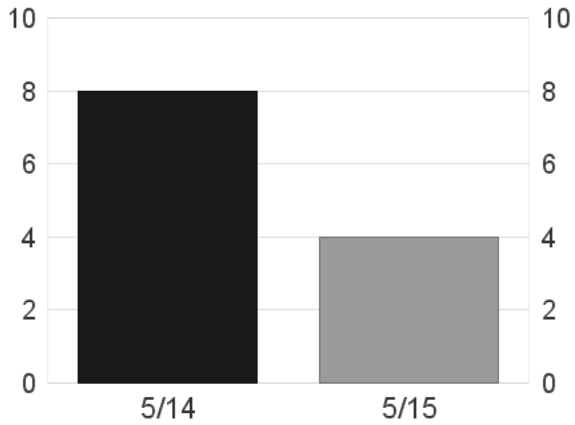
# Epi Curve for Outbreak 2012-2391



Onsets from 5/13/2012–5/15/2012 in twelve 2-hour intervals per day.  
A (0–2; B (–4); C (–6); D (–8); E (–10); D (–12); E (–14); F (–16); G (–18); H (–20); I (–

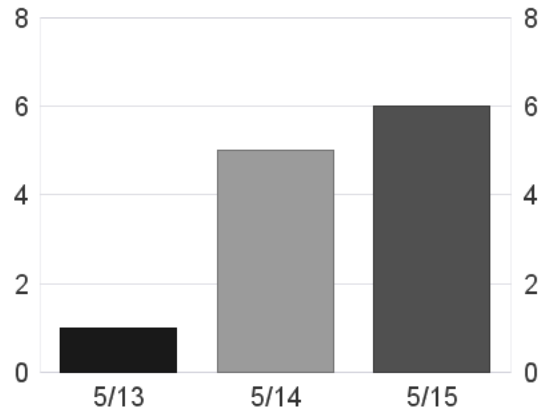
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**Onset of First Symptoms**

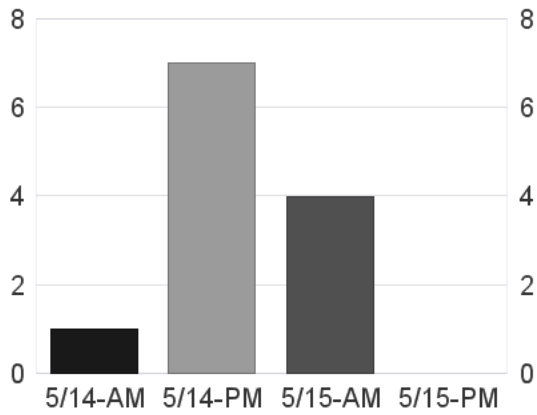


**Onset by Date**

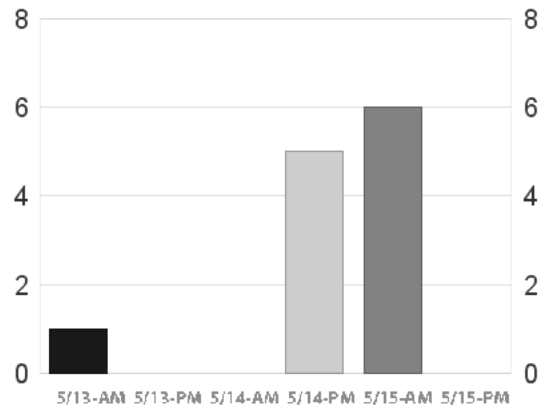
**Onset of First Vomiting or Diarrhea**



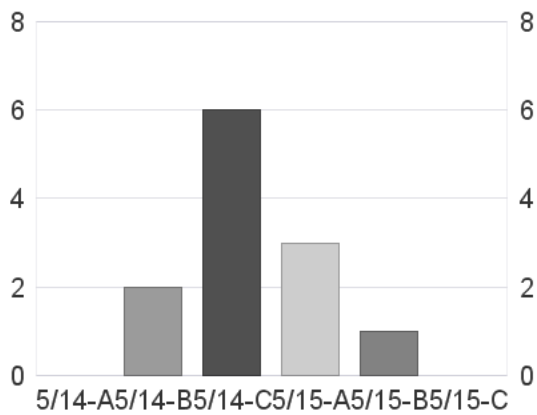
**Onset by Date**



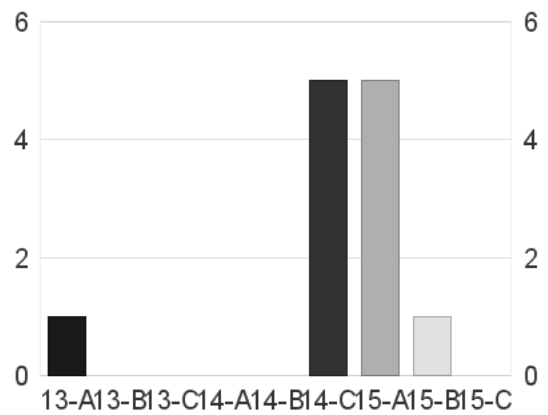
**Onset by 12h Intervals**



**Onset by 12h Intervals**



**Onset by 8h Intervals**



**Onset by 8h Intervals**