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From: "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov>
To: RWergin@co.kenosha.wi.us; DBosovic@co.kenosha.wi.us;
SWians@co.kenosha.wi.us; KMisner@co.kenosha.wi.us
Date: 8/6/2010 8:52:29 AM
Subject: Eggs

Katie, Stacey, Diane and Randy,

Thanks to your work we were able to link the eggs from Baker Street to a large egg farm in Iowa. Although a small number of our cases had eggs, there is the possibility that in addition to those eating eggs, there may have been some cross contamination in the kitchen and/or food workers may have eaten the eggs and become ill and then contaminated other food products. I think the important thing in this case is the fact that they may have had the contaminated eggs in their kitchen.

We also just found out that an SE outbreak in CA was also linked to the same farm, along with several other outbreaks in MN.

John

John R. Archer
Wisconsin Division of Public Health
1 West Wilson Street
Madison, WI 53701

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CC: Mike.Barnett@Wisconsin.gov; Jena.Trask@dhs.wisconsin.gov;
Rachel.Klos@dhs.wisconsin.gov

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Diane Bosovich - Fwd: RE: Eggs

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From: Cynthia Johnson
To: Bosovich, Diane
Date: 8/6/2010 12:10 PM
Subject: Fwd: RE: Eggs

>>> "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov> 8/6/2010 11:48 AM >>>

Thanks Cindy,

Just got off a call with DATCP regarding the egg issue. There are more questions we have for Randy and I will be contacting him after lunch. If you want to have some fun go to the internet and look up Decoster Farms (Owners of Wright County Egg). You might be surprised.

John

From: Cynthia Johnson [mailto:CHJohnso@co.kenosha.wi.us]
Sent: Friday, August 06, 2010 11:44 AM
To: Archer, John R - DHS
Subject: Fwd: Eggs

Hi John,
Great job! This is huge! Thank you for sharing the news so quickly and your partnership in working together to solve this puzzle.
How fun is that! ;-)
Have a great weekend,
Cindy

Cynthia Johnson, M.Ed, RN
Director of Nursing/Assistant Director
Kenosha County Division of Health
8600 Sheridan Road, Suite 600
Kenosha, WI 53143
262-605-6760
chjohnso@co.kenosha.wi.us

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>>> "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov> 8/6/2010 8:51 AM >>>

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Katie, Stacey, Diane and Randy,

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Thanks to your work we were able to link the eggs from Baker Street to a large egg farm in Iowa. Although a small number of our cases had eggs, there is the possibility that in addition to those eating eggs, there may have been some cross contamination in the kitchen and/or food workers may have eaten the eggs and become ill and then contaminated other food products. I think the important thing in this case is the fact that they may have had the contaminated eggs in their kitchen.

We also just found out that an SE outbreak in CA was also linked to the same farm, along with several other outbreaks in MN.

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Wisconsin Division of Public Health
1 West Wilson Street
Madison, WI 53701

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From: "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov>
To: RWergin@co.kenosha.wi.us
Date: 8/6/2010 1:42:35 PM
Subject: Baker Street questions

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Randy,

Hope you can help us out. From the faxed invoices we received we either cannot find or cannot read the dates received by the restaurant. Can you help us out here?

Also, were any environmental samples or swabs collected from the restaurant?

Also, having other restaurants in Kenosha, did the other restaurants also receive the same eggs from Reinhardt?

From the flow chart that Ben Miller (MN AG) put together, it looks like the Reinhardt distribution center in Milwaukee (Oak Creek) receives their eggs directly from Wright County Egg.

Thanks for all your efforts - you can see where they are beginning to pay off.

John

John R. Archer
Wisconsin Division of Public Health
1 West Wilson Street
Madison, WI 53701

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CC: CHJohnso@co.kenosha.wi.us; DBosovic@co.kenosha.wi.us;
SWians@co.kenosha.wi.us; KMisner@co.kenosha.wi.us

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Brad Wozniak - Fwd: Baker Street questions

From: Cynthia Johnson
To: Wozniak, Brad
Date: 08/06/2010 1:57 PM
Subject: Fwd: Baker Street questions
CC: Krzyzanowski, Steve

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11/06/2010

Brad,
Please handle and connect with John Archer. Thanks,
Cindy

>>> "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov> 8/6/2010 1:41 PM >>>
Randy,

Hope you can help us out. From the faxed invoices we received we either cannot find or cannot read the dates received by the restaurant. Can you help us out here?

Also, were any environmental samples or swabs collected from the restaurant?

Also, having other restaurants in Kenosha, did the other restaurants also receive the same eggs from Reinhardt?

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John R. Archer
Wisconsin Division of Public Health
1 West Wilson Street
Madison, WI 53701

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Brad Wozniak - Fwd: Information collection

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From: Steve Krzyzanowski
To: Brad Wozniak
Date: 08/06/2010 3:15 PM
Subject: Fwd: Information collection

Steve Krzyzanowski, RS
Public Health Sanitarian
Division of Health
8600 Sheridan Rd, Suite 600
Kenosha, WI 53143-6515
Phone (262)605-6744

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E-mail skrzyzan@co.kenosha.wi.us

>>> Cynthia Johnson 8/6/2010 3:03 PM >>>

Clarification obtained from Lorette:

Please forward all information related to the requests by MarlerClark as is....do not delete any identifiers.

Lorette will advise regarding redaction after her review of the documents in their original state.

Thanks,
Cindy

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Brad Wozniak - RE: Eggs

From: "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov>
To: 'Brad Wozniak' <BWozniak@co.kenosha.wi.us>
Date: 08/06/2010 3:46 PM
Subject: RE: Eggs

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Seems funny that only one of the restaurants would have problems.

From: Brad Wozniak [mailto:BWozniak@co.kenosha.wi.us]
Sent: Friday, August 06, 2010 2:41 PM
To: Archer, John R - DHS
Cc: Cynthia Johnson; Katie Misner; Wergin, Randy - City of Kenosha; Stacey Wians
Subject: Eggs

John,

I just spoke with the owner of the other two restaurants (Birchwood Grill and Bombay Louis) here in Kenosha, and she stated that they get the eggs from Reinhart Foods as well. Also, she even said that they get the eggs delivered on the same days as Birchwood, but that those orders are based on business levels at the different restaurants.

Hope that helps.

Thanks,
Brad

Brad Wozniak, RS
Kenosha County Division of Health
8600 Sheridan Road, Suite 600
Kenosha, WI 53143
(262) 605-6746
(262) 605-6715 (fax)

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Katie Misner - RE: Question**COPY FOR YOUR
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From: "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov>
To: 'Katie Misner' <KMisner@co.kenosha.wi.us>
Date: 8/4/2010 2:11 PM
Subject: RE: Question
CC: "Trask, Jena M - DHS" <Jena.Trask@dhs.wisconsin.gov>, "Klos, Rachel F -DHS" <Rachel.Klos@dhs.wisconsin.gov>, 'Diane Bosovich' <DBosovic@co.kenosha.wi.us>, 'Stacey Wians' <swians@co.kenosha.wi.us>

Katie,

I just found out the pfge pattern for the Baker St cases is the same as a number of other restaurant outbreaks currently occurring, BUT, it is a very common pattern. Can you have someone from the environmental area check with the restaurant to see where they get their shell eggs and/or the distributor. Thanks

John

From: Katie Misner [mailto:KMisner@co.kenosha.wi.us]
Sent: Wednesday, August 04, 2010 11:34 AM
To: Archer, John R - DHS
Subject: RE: Question

John,
 Unfortunately there are not employee records provided from Baker Street other than their employee schedule from father's day weekend. We only have symptoms on those that were either identified by the management as having called in sick or those that tested positive. I have attached an updated copy of our employee line list. The positive cases are now on a separate tab. Hope this helps.
 Have a good day!

Katie Misner, RN, BSN
 Kenosha County Division of Health
 8600 Sheridan Road, Suite 600
 Kenosha, WI 53143
kmisner@co.kenosha.wi.us
 262-605-6776
 Fax 262-605-6715

>>> "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov> 8/4/2010 10:51 AM >>>

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Katie,

I have the list of employees, but there are no symptoms listed. Also several are listed as early June for onsets, is there something more specific such as employee records?

John

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From: Katie Misner [mailto:KMisner@co.kenosha.wi.us]
Sent: Tuesday, August 03, 2010 2:31 PM
To: Archer, John R - DHS
Subject: Re: Question

Sorry. She was one of the cases that reported BS on a follow up interview and it was not entered into wedss. I added an updated note.

Katie Misner, RN, BSN
Kenosha County Division of Health
8600 Sheridan Road, Suite 600
Kenosha, WI 53143
kmisner@co.kenosha.wi.us
262-605-6776
Fax 262-605-6715

>>> "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov> 8/3/2010 12:45 PM >>>

Katie,
Have been reviewing the Baker St. cases and WEDSS 393516 has no mention of eating there. Am I missing something?
Thanks
John

John R. Archer
Wisconsin Division of Public Health
1 West Wilson Street
Madison, WI 53701

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Katie Misner - FW: Egg Traceback: National increase of Salmonella Enteritidis, JEGXX01.0004

From: "Archer, John R - DHS" <John.Archer@dhs.wisconsin.gov>
To: 'Katie Misner' <KMisner@co.kenosha.wi.us>, 'Stacey Wians' <swians@co.kenosha.wi.us>, "Wergin, Randy - City of Kenosha" <rwergin@co.kenosha.wi.us>, 'Diane Bosovich' <DBosovic@co.kenosha.wi.us>
Date: 8/4/2010 2:59 PM
Subject: FW: Egg Traceback: National increase of Salmonella Enteritidis, JEGXX01.0004
CC: "Trask, Jena M - DHS" <Jena.Trask@dhs.wisconsin.gov>, "Klos, Rachel F -DHS" <Rachel.Klos@dhs.wisconsin.gov>, "Heffernan, Richard T - DHS" <Richard.Heffernan@dhs.wisconsin.gov>

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 INFO@CO.KENOSHA.WI.US

To all the Kenosha investigators:

Attached is some additional information we just received from the MN Health Dept. regarding the SE cases and connection to shell eggs. This is where it will be important to find out where Baker St gets their eggs (invoices, etc), but also any additional information related to the restaurant and it's use of shell eggs. In addition to the MN clusters there may be additional restaurant outbreaks in Iowa and Colorado. If you have any questionnaires please contact me at 608-267-9009.

John

From: Rounds, Joshua (MDH) [mailto:Joshua.Rounds@state.mn.us]
Sent: Wednesday, August 04, 2010 2:18 PM
To: Trask, Jena M - DHS; Archer, John R - DHS
Subject: FW: Egg Traceback: National increase of Salmonella Enteritidis, JEGXX01.0004

Hi Jena & John,
 John just to fill you in, I spoke with Jena about your *Salmonella* Enteritidis pattern 4 posting. She can fill you in on all the details but it sounds like much of the US has been seeing a large increase in pattern 4. In Minnesota, we have had four small restaurant outbreaks of this pattern since May. We have firmly implicated shell eggs as the source in two outbreaks and traceback of shell eggs in our most recent outbreak appears match egg traceback California has conducted. It would be interesting to see if your restaurant outbreak is connected.

Below is the information on our restaurant outbreaks and way below is the email from Thai-An about the California tracebacks.

Minnesota has seen an increase in *Salmonella* Enteritidis JEGX01.0004 cases this summer. We have seen 61 cases so far in 2010 compared to 40 cases during all of 2009 and 55 in 2008.

We have also had 4 JEGX01.0004 restaurant outbreaks this summer.

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May, Outbreak 1: Mexican Restaurant, Beltrami County
 7 cases (5 lab confirmed). Meal date May 5, 6, and 7.

Environmental and epidemiologic investigation implicated chili rellenos. Chili rellenos (4 of 7 cases vs. 2 of 34 controls; OR 22.67; 95% CI, 2.1 to 339; Fischer exact 2 tailed $p < 0.004$) were significantly associated with illness in a case control study and sanitarians noted a high potential for cross-contamination in the preparation of the chili rellenos. The Minnesota Department of Agriculture conducted a trace-back of the shell eggs from the implicated dates to a Hillandale Farms supplier in New Hampton, Iowa. FDA continued the traceback to a flock, but MDH does not have this information.

June, Outbreak 2: Chinese Buffet Restaurant, Olmsted County
 3 cases (all lab confirmed). Meal date May 20.

The small number of cases limited the epidemiologic analysis. Hard boiled eggs (2 of 3 cases vs. 0 of 11 controls; Fischer exact 2 tailed $p < 0.04$) and additional buffet items were significantly associated with illness. Potential for cross-contamination was noted. All environmental samples were negative. Even though eggs were not definitively implicated

in this outbreak we are currently attempting to obtain shell egg invoices from restaurant to conduct a traceback.

July, Outbreak 3: Mexican Restaurant, Hennepin County
7 cases (5 lab confirmed). Meal dates June 26 and 27.

The epidemiologic analysis was limited as we were not able to get additional patron contact information. An environmental health assessment indicated a potential for cross-contamination from raw chicken to tortilla chips as the raw chicken was being prepared directly above an open container containing tortilla chips. Eggs not served on the implicated meal dates, no cases reported consuming any egg products, and no issues regarding cross contamination and eggs were reported.

July, Outbreak 4: American Bistro Style Restaurant, Ramsey County
4 cases (3 lab confirmed). Meal date July 4.

Consuming hollandaise sauce (4 of 4 cases vs. 4 of 22 controls; Fischer exact 2 tailed $p = 0.0026$) and any eggs (4 of 4 cases vs. 8 of 17 controls; Fischer exact 2 tailed $p = 0.021$) were significantly associated with illness. The same shell eggs are used in both egg dishes and in the hollandaise sauce. The Minnesota Department of Agriculture conducted a traceback of the shell eggs from the implicated date to Wright County Egg #2 in Galt, Iowa.

Let me know if you have any questions.

Josh Rounds, MPH
Epidemiologist
Acute Disease Investigation & Control Section
Minnesota Department of Health
625 Robert St. N
P.O. Box 64975
St. Paul, MN 55164-0975

Phone: 651.201.5083

Fax: 651.201.5082

From: Nguyen, Thai-An (CDC/OID/NCZVED) [mailto:ten9@cdc.gov]

Sent: Wednesday, August 04, 2010 12:29 PM

To: Nguyen, Thai-An (CDC/OID/NCZVED); Patricia Rowley; Gaul, Linda; Higa, Jeffrey (CDPH-CID-DCDC); Cantu, Venessa; Presley, Jessica; Borders, Julie; Kimura, Akiko (CDPH-CID-DCDC); mdeasy@state.pa.us; mmoll@state.pa.us; aweltman@state.pa.us; Jones, Tim (CDC state.tn.us); Dunn, John (CDC state.tn.us); rsowadsky@health.nv.gov; Bill Keene; Julie.hatch@state.or.us; Shaun Cosgrove; Nicole Comstock; Cronquist, Alicia (CDC state.co.us); achu@dnhm.state.md.us; Rounds, Joshua (MDH); Bergmire-sweat, David; Garvey, Ann; diana.vonstein@idph.state.ia.us; weissj@azdhs.gov; Phan, Quyen; emily.harvey@state.ma.us; lynda.glenn@state.ma.us; Medus, Carlota (MDH); Meyer, Stephanie (MDH); Hedican, Erin (MDH); Robinson, Trisha (MDH)

Cc: Williams, Ian (CDC/OID/NCZVED)

Subject: Egg Traceback: National increase of Salmonella Enteritidis, JEGXX01.0004

Dear colleagues,

We have been working closely with several states in their investigation of the national increase in *Salmonella* Enteritidis, pattern 4 (JEGX01.0004). Due to the significant increase in numbers of cases matching this pattern, the focus has been on epidemiologic and traceback investigation of sub-clusters within each state where 2+ cases attended a common event, restaurant, or other venue.

This week, California has been able to share with us developments in egg traceback for several of their sub-clusters. Preliminary egg traceback for 7 common venues indicates possibly a common supplier from Iowa.

We would be very interested to learn any updates you may have for SE pattern 4 investigations in your state. Thank you so much to those states who have already provided us with an update. If your state has identified a restaurant or venue sub-cluster, we would like to find out what information you may have on the egg supply. Of particular interest would be to obtain (1) plant numbers (P Numbers) from the egg containers/boxes, (2), use-by-dates, and (3) other code numbers. Your state department of agriculture will be able to use the P Number to tell whether shell eggs might be linked to a common supplier. Eggs may be branded under a variety of names, but ultimately link to a common supplier.

Thank you for any additional information you can provide.

Thai-An

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*Thai-An Nguyen, MPH
Epidemiologist
Outbreak Response Team
Outbreak Response and Prevention Branch
U.S. Centers for Disease Control and Prevention
Tel. 404.639.0776 / Fax. 404.639.3535*