



'Berc in the 'Burbs Contact investigation of a high school student with tuberculosis disease - Johnson County, Kansas, 2015

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 Johnson County Department of Health
 and Environment



JOHNSON
COUNTY
 KANSAS

Feb 27

The Call

- Phone call from a local physician
- High school student with probable tuberculosis disease
- 3 month history of cough, fever, weight loss, night sweats
- Chest x-ray showed large upper lobe infiltrates



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Feb 27

- Patient education provided
- Family and social contact list gathered
- Began patient on standard 4 drug therapy
- Patient placed on home isolation

The Call
Patient Interview

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Feb 27 Lab results


- Acid fast bacilli positive (grading 4+)
- Contact investigation initiated

The Call **Mar 3**
Patient Interview

JOHNSON COUNTY KANSAS

Feb 27 HS Contacted
The Call Lab results
Patient Interview **Mar 3**


- Approximately 2000 students
- Built in 2003



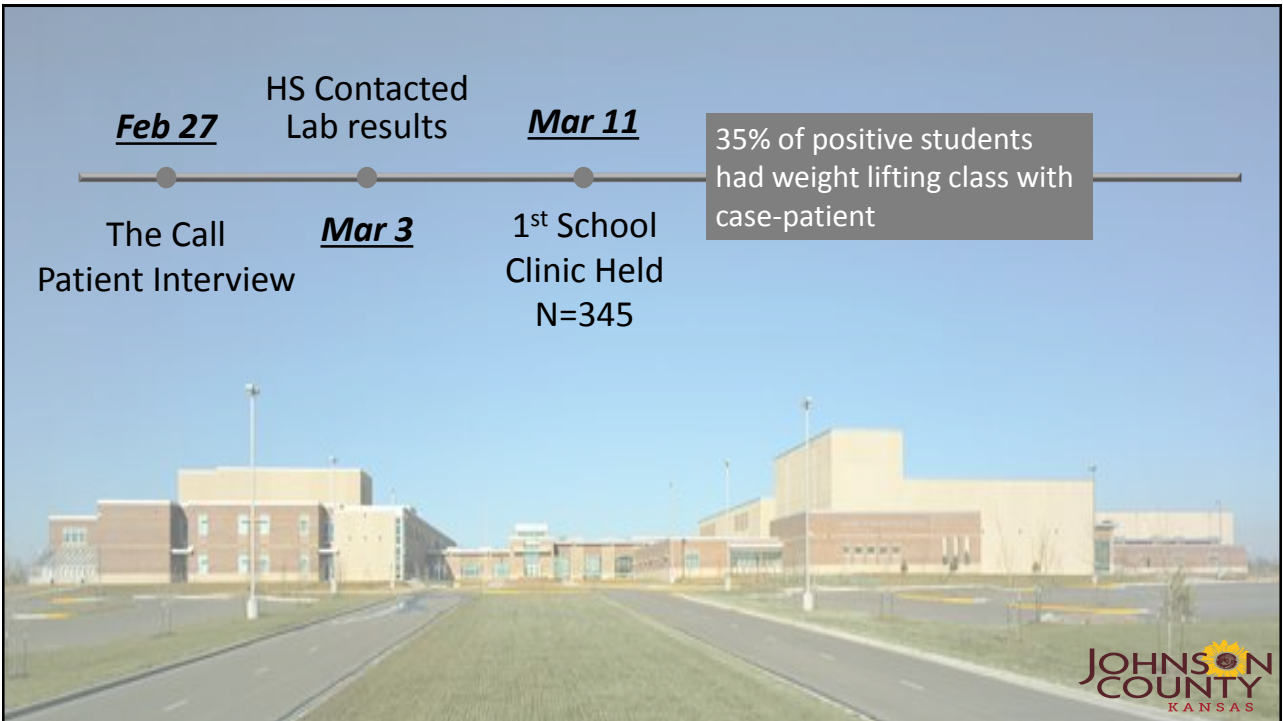
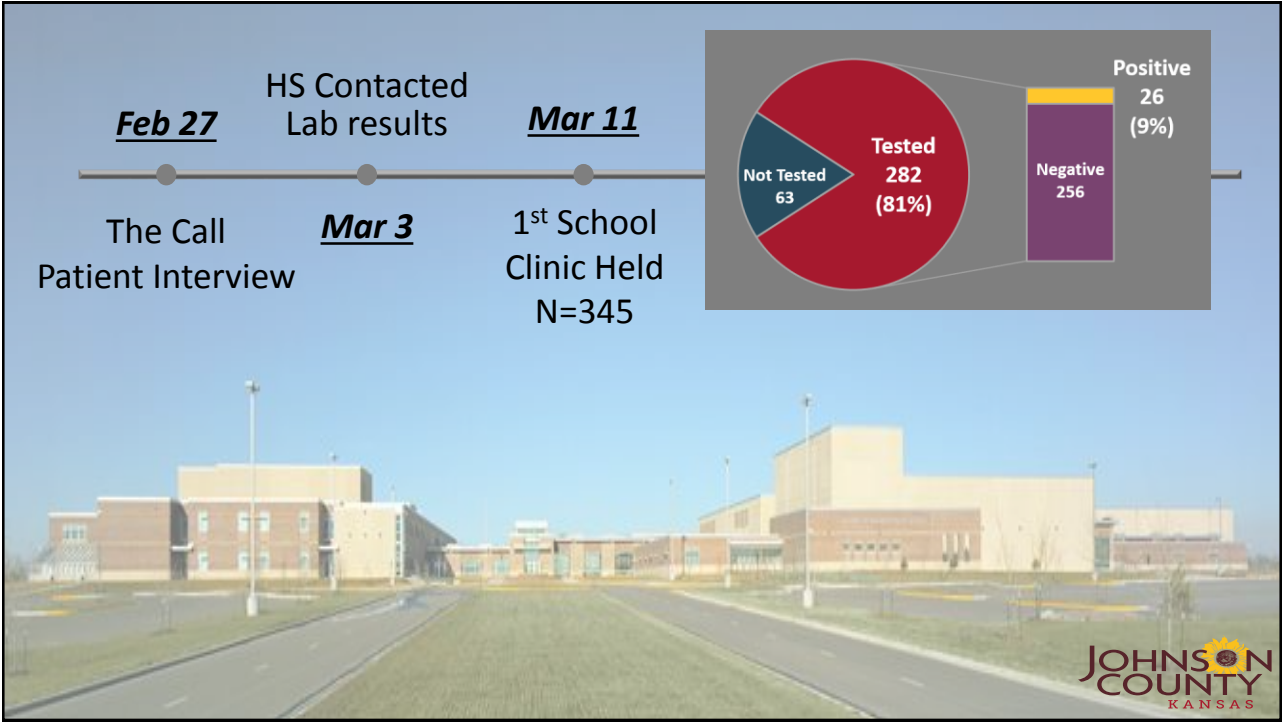
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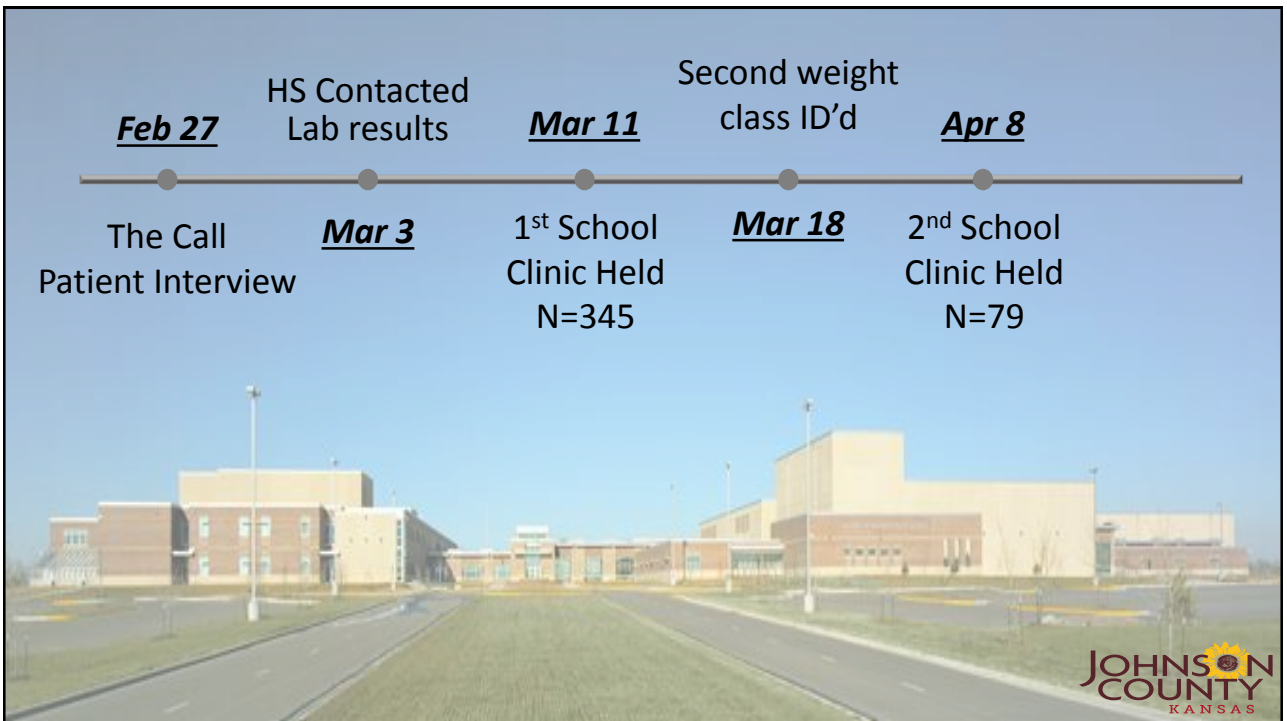
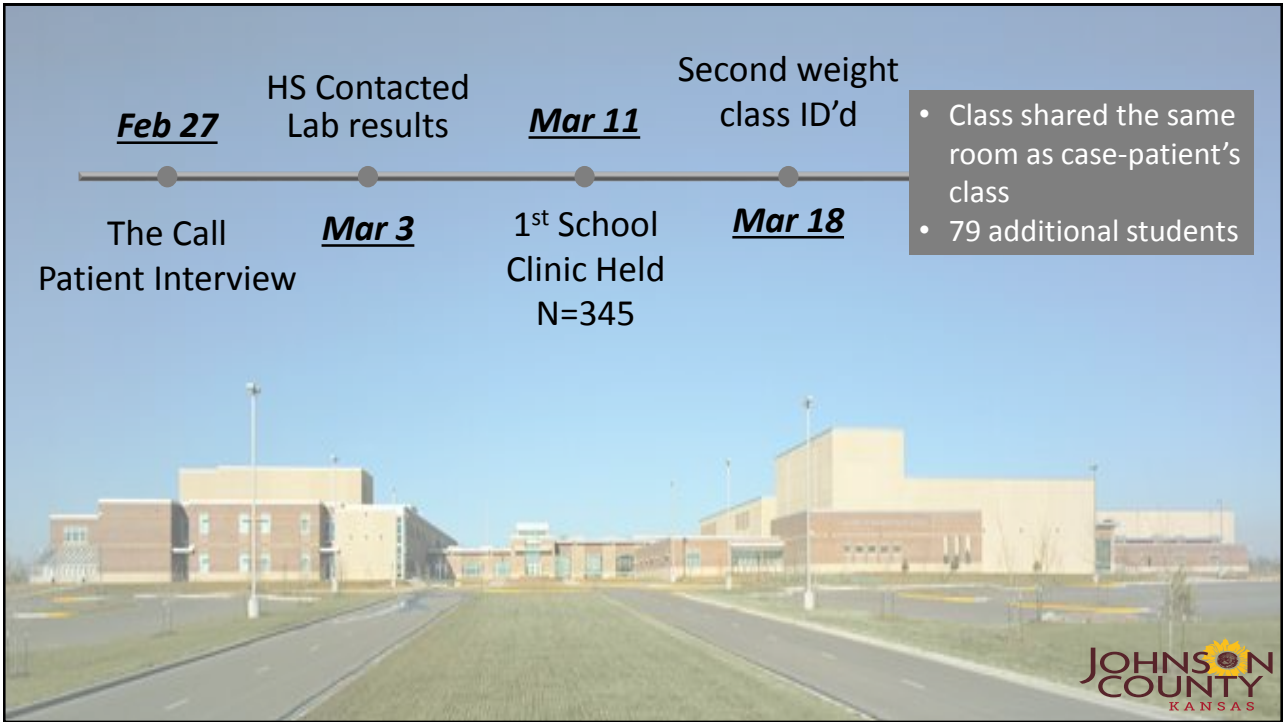
Feb 27 HS Contacted **Mar 11**
The Call Lab results 1st School
Patient Interview **Mar 3** Clinic Held

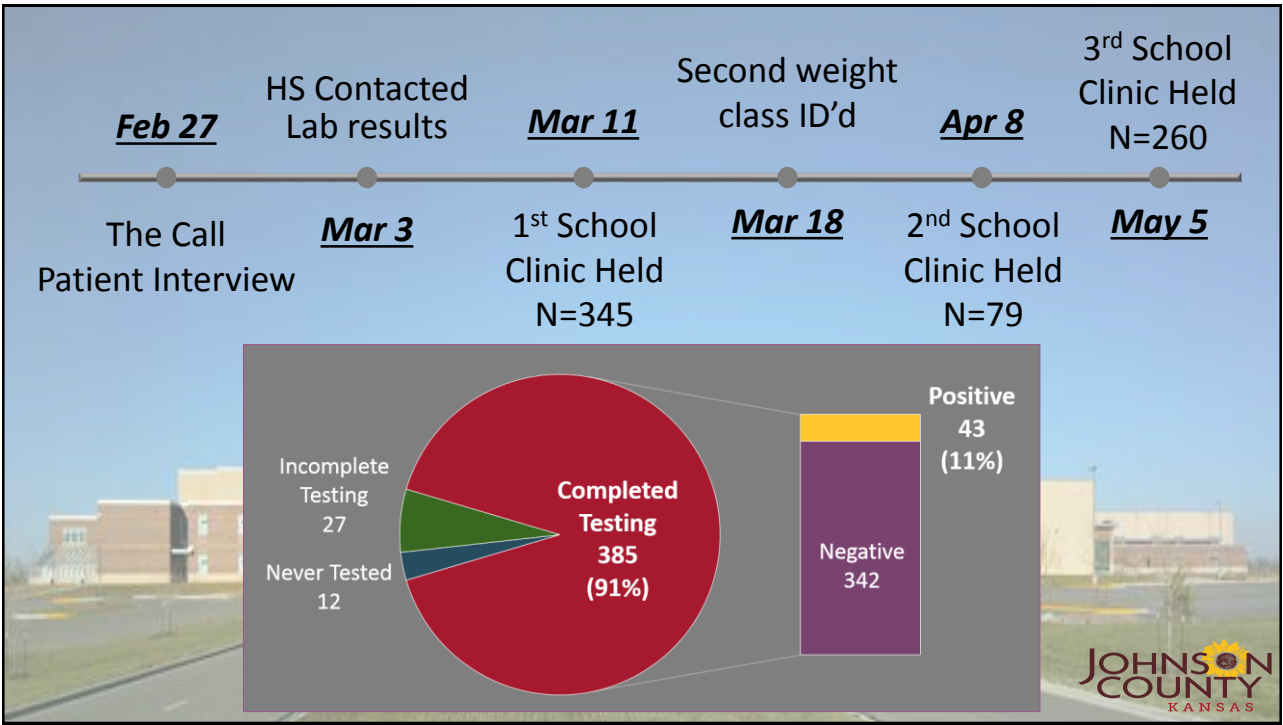
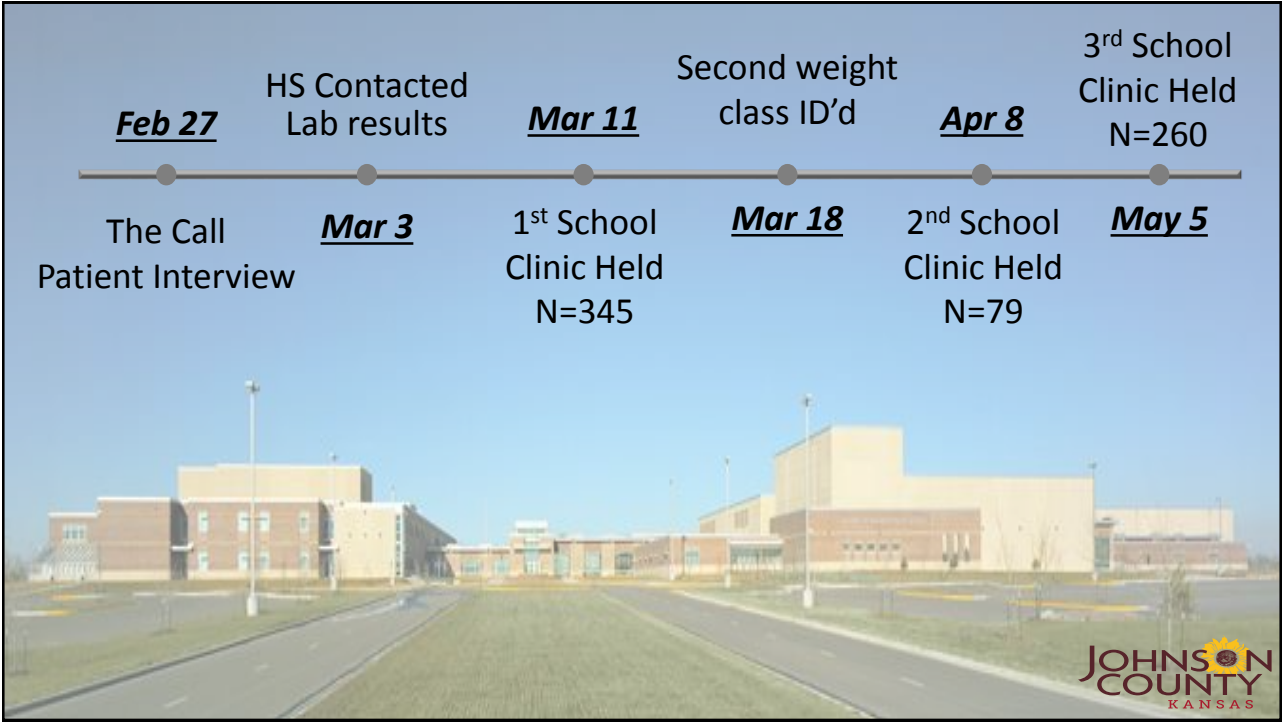
- Tested all students who were in classes with the case-patient
- 345 individuals identified
- Utilized IGRAs

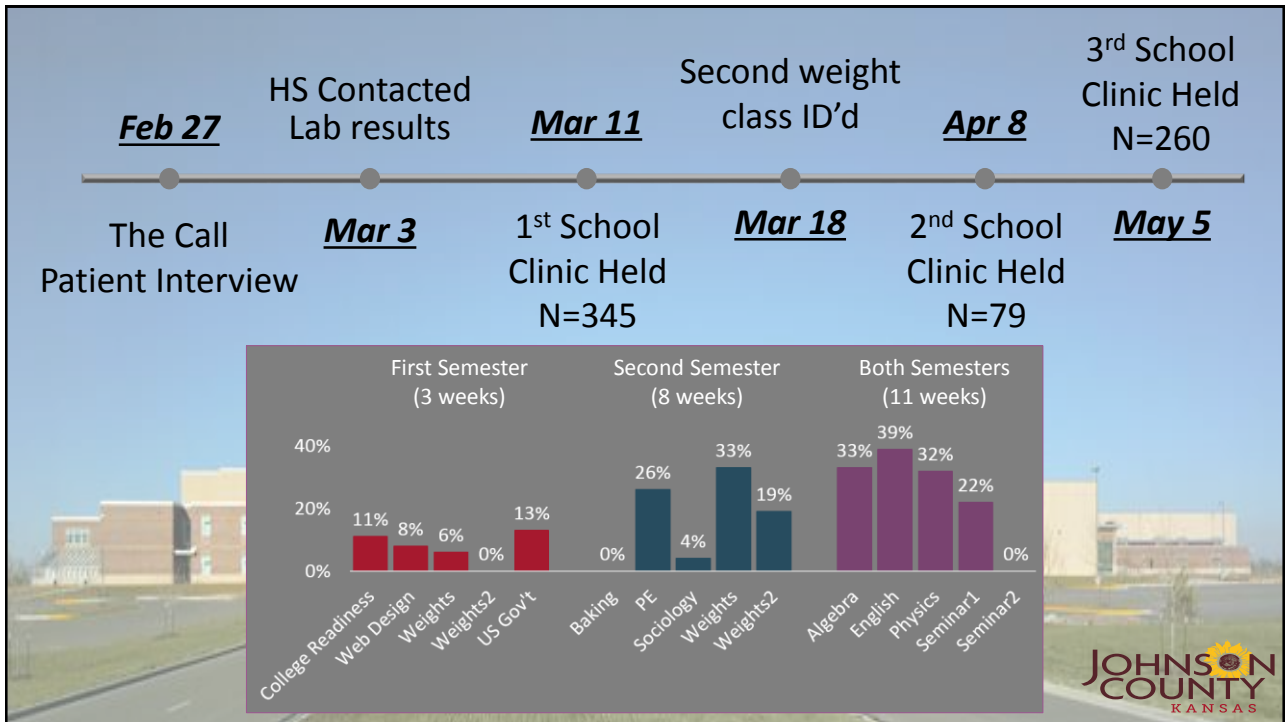


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Conclusions

- Tested all students who had class with case-patient
- 91% of school contacts identified completed all testing
- Approximately 10% were positive
- The amount of time spent in class with the case-patient was significantly associated with infection



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