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## Avian Flu: An AgentSheets Project

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# THE AVIAN FLU

An Agent Sheets project  
by:

Cleveland Evans

Caroline Rodriguez and

Chris Sheffer

**Objective:** To use Agent Sheets software to tract the spread of the Avian Flu given certain factors.

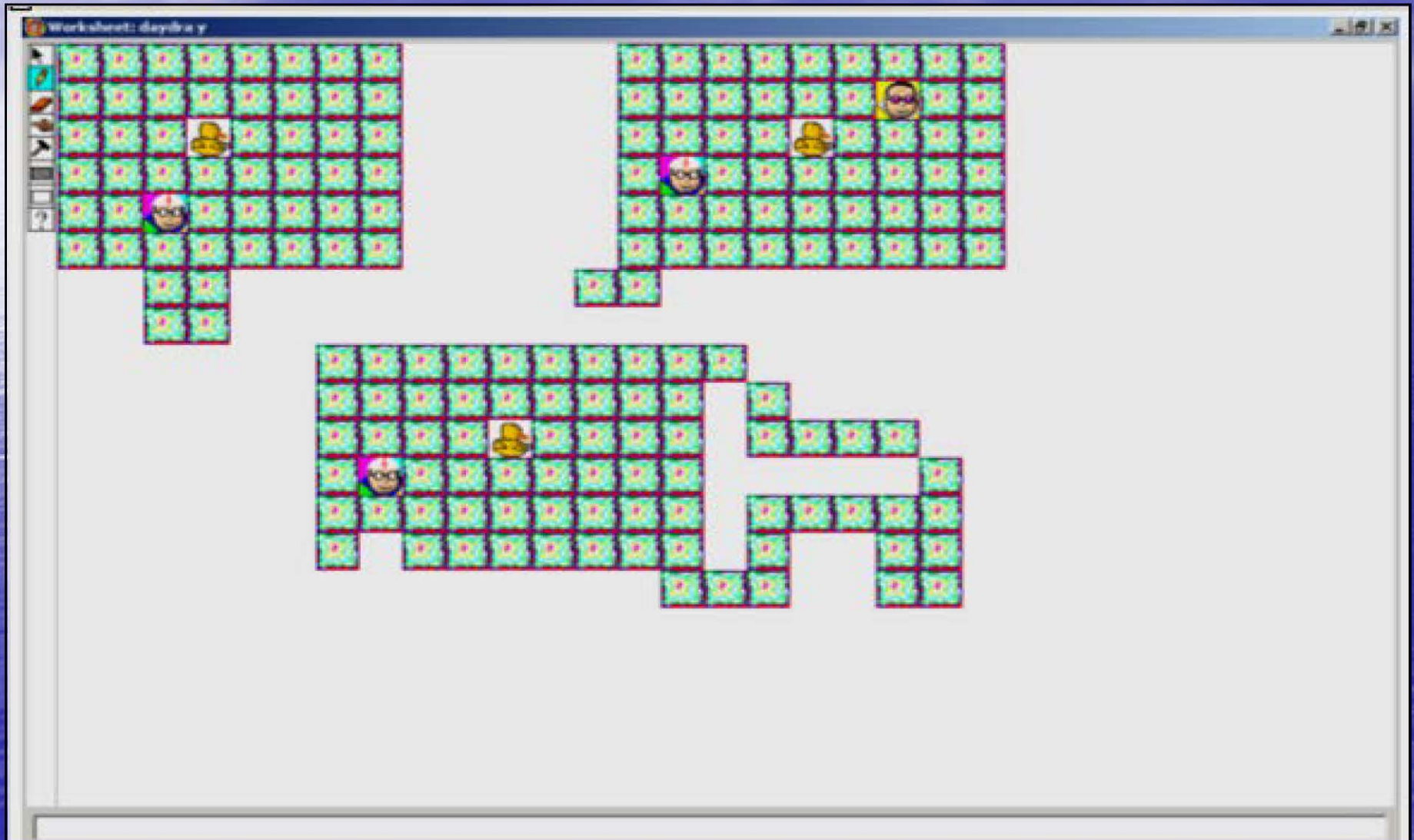
- LOCATION
- QUALITY AND QUANTITY OF HEALTHCARE
- CONTACT WITH CONTAMINANTS





What is agentsheets? How do we make a model?

# The First Model

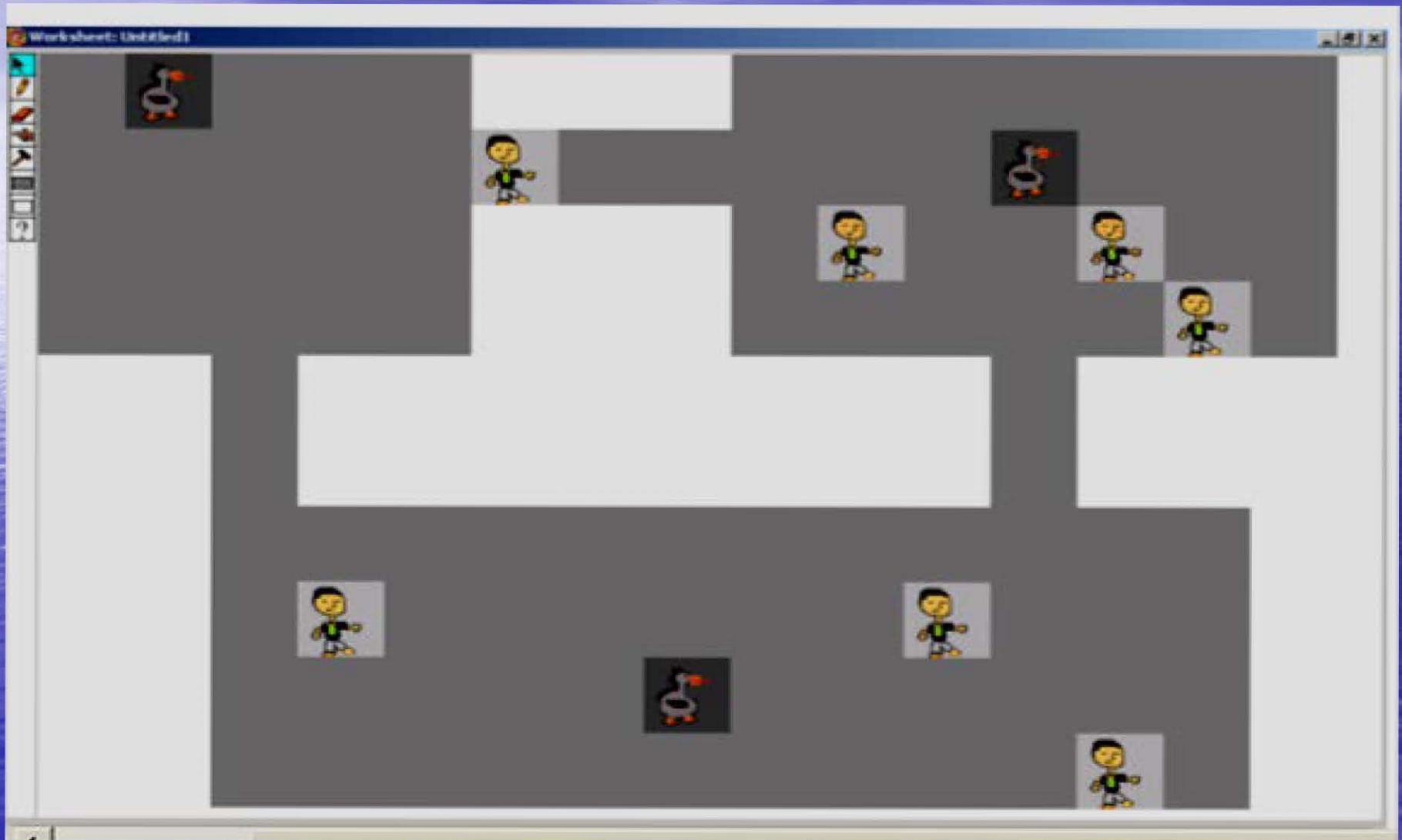




Creating an agent for the first model



# The Third Model



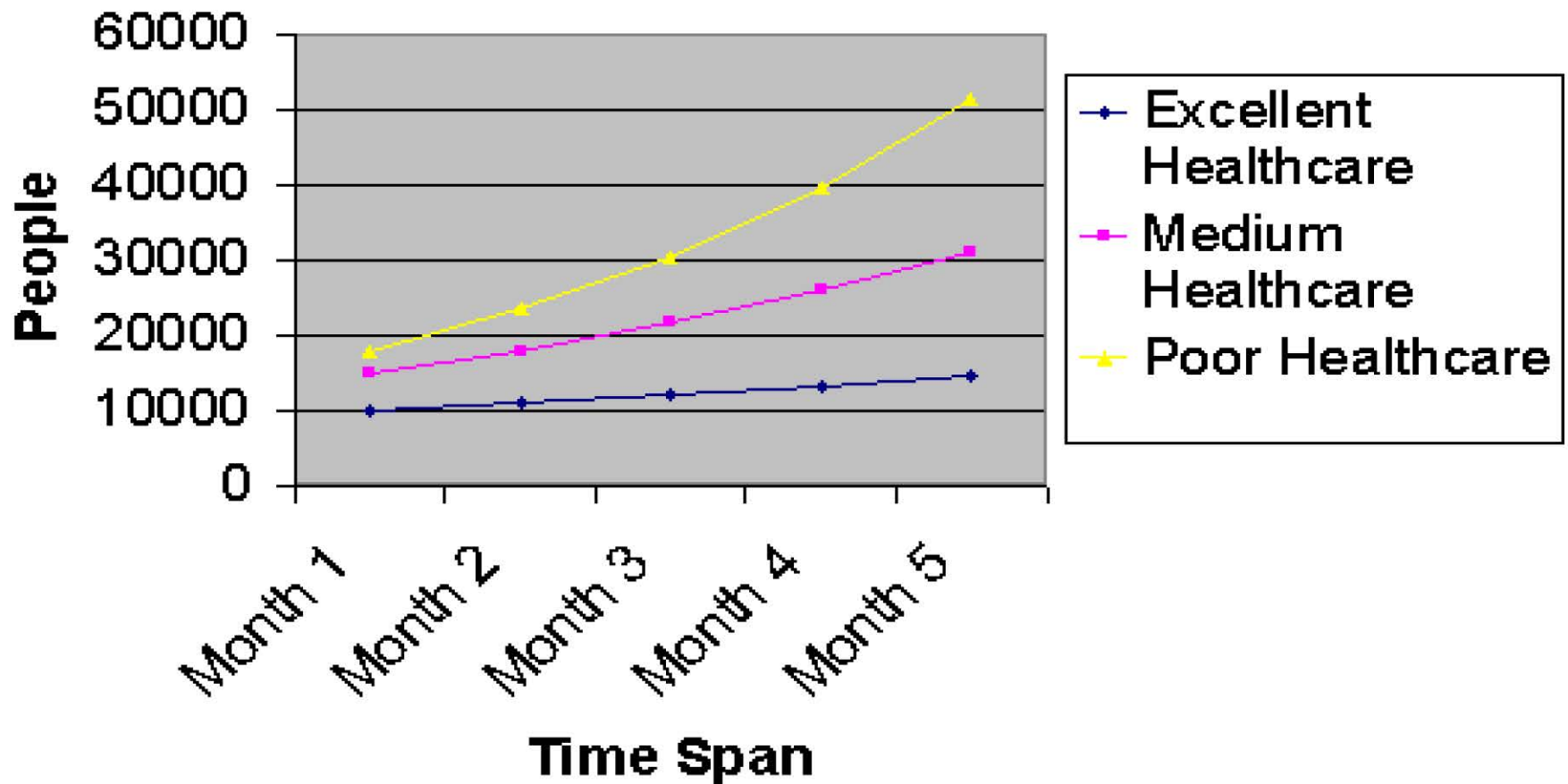




Finishing the first model. Beginning to collect data.

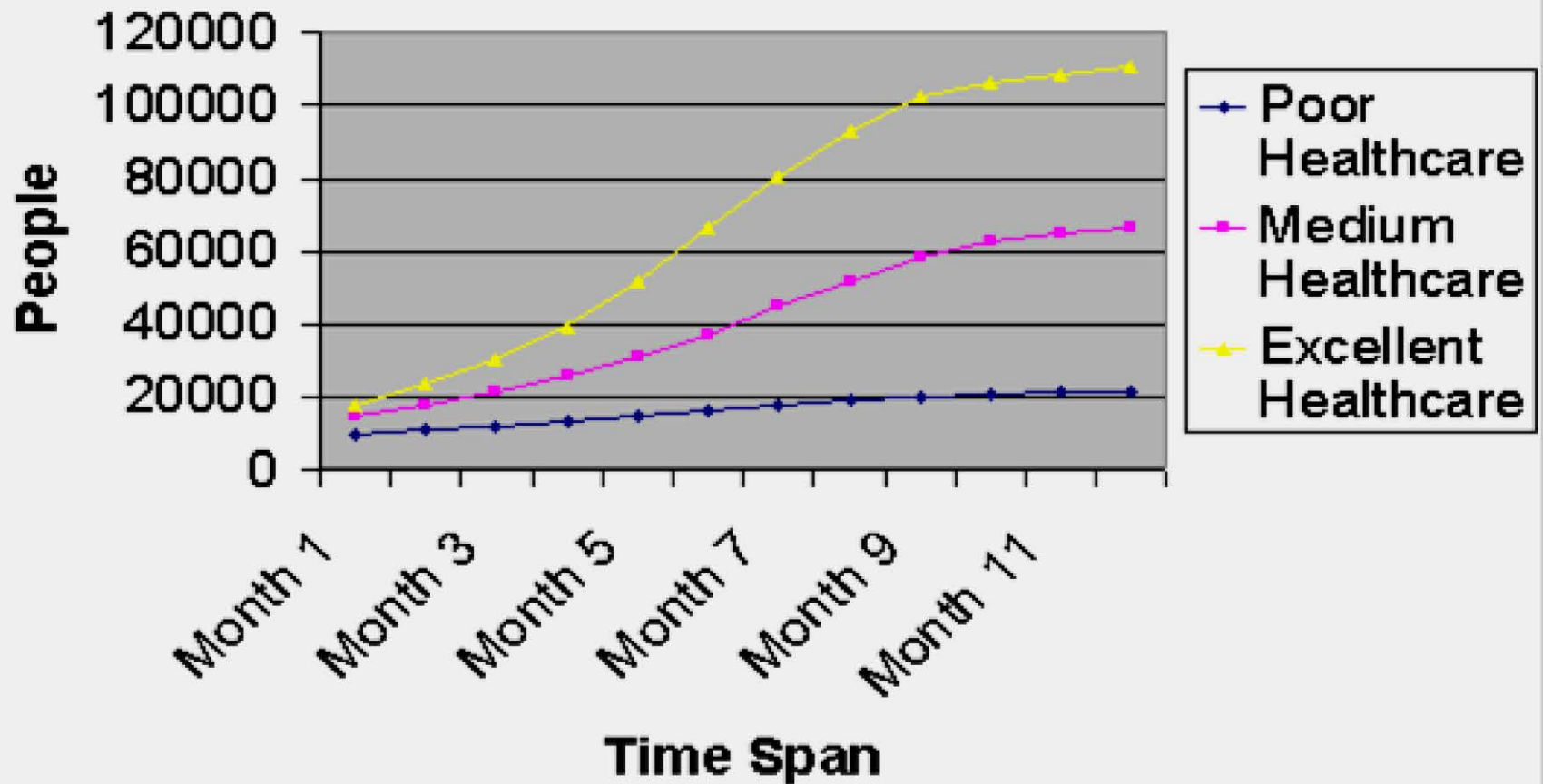
# Excel Graph #1

## Infection Rates in Different Countries



# Excel Graph #2

## Death Rates in Different Countries



# N.Y.S. Standards

## SCIENCE

- 1.2A
- 1.3A
- 2.3B
- 4
- 1.2B

## MATHEMATICS

- 1.1A
- 2.10B
- 4.9D
- 5.18E
- 7.4B

# CONCLUSION

The students learned how to use the Agent Sheets software in order to illustrate, observe, and predict the spread of the Avian Flu. The students also learned how to incorporate other software into their project. These software included Excel, smartboard, and T.I. calculators.