

“Contagious?” I asked my doctor. “Really contagious”, he told me.

Robert Loblaw (known to his friends as “Bob”) has been infected with an unknown disease. What is known is its frightening rate of spread and the strange rash that accompanies its onset.

Here is Bob Loblaw:

The rules:

Roll a die. If it turns up “3”, one more person becomes infected. Cross this person off the “healthy” group, and draw them in the “ill” group.

For each person in the “ill” group, you must roll the die. Each time it turns up “3”, another person becomes ill.

A “turn” is complete when the die has been rolled for each infected person.

Keep track of the rate of infection in the chart below:

Turn	Total Number of people ill	Turn	Total Number of people ill
1	1	20	
2		21	
3		22	
4		23	
5		24	
6		25	
7		26	
8		27	
9		28	
10		29	
11		30	
12		31	
13		32	
14		33	
15		34	
16		35	
17		36	
18		37	
19		38	

Healthy :)

Infected :(

Using “turn” as your horizontal axis, and “total number of people infected” as your vertical axis, and graph the spread of this horrible disease on the graph below.

