

Calculation of Rate of Death

Janet asked me about the risk of dying from the virus. The best I can answer is the risk of dying if you test positive. The calculation I did was simply dividing the number of reported deaths by the reported positive tests. Since it is estimated that half of those infected are asymptomatic the actual rate of death is lower. Also, recall deaths lag infections.

I did calculate Franklin because if I didn't many of you would, but Franklin and even Somerset Co. are too small, in my opinion, for the calculation to be meaningful. In other words, just because you can calculate it doesn't mean the calculation is valid.

Of course, these are number for all comers. Gender, age, and pre-existing conditions have a large influence on outcome.

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Global	Cases	1,925,811	
	Deaths	119,818	
	Death Rate		6.2%
USA	Cases	582,594	
	Deaths	23,649	
	Death Rate		4.1%
NY	Cases	195,031	
	Deaths	10,056	
	Death Rate		5.2%
NJ	Cases	64,584	
	Deaths	2,443	
	Death Rate		3.8%
Somerset Co	Cases	1,664	
	Deaths	83	
	Death Rate		5.0%
Franklin	Cases	471	
	Deaths	23	
	Death Rate		4.9%