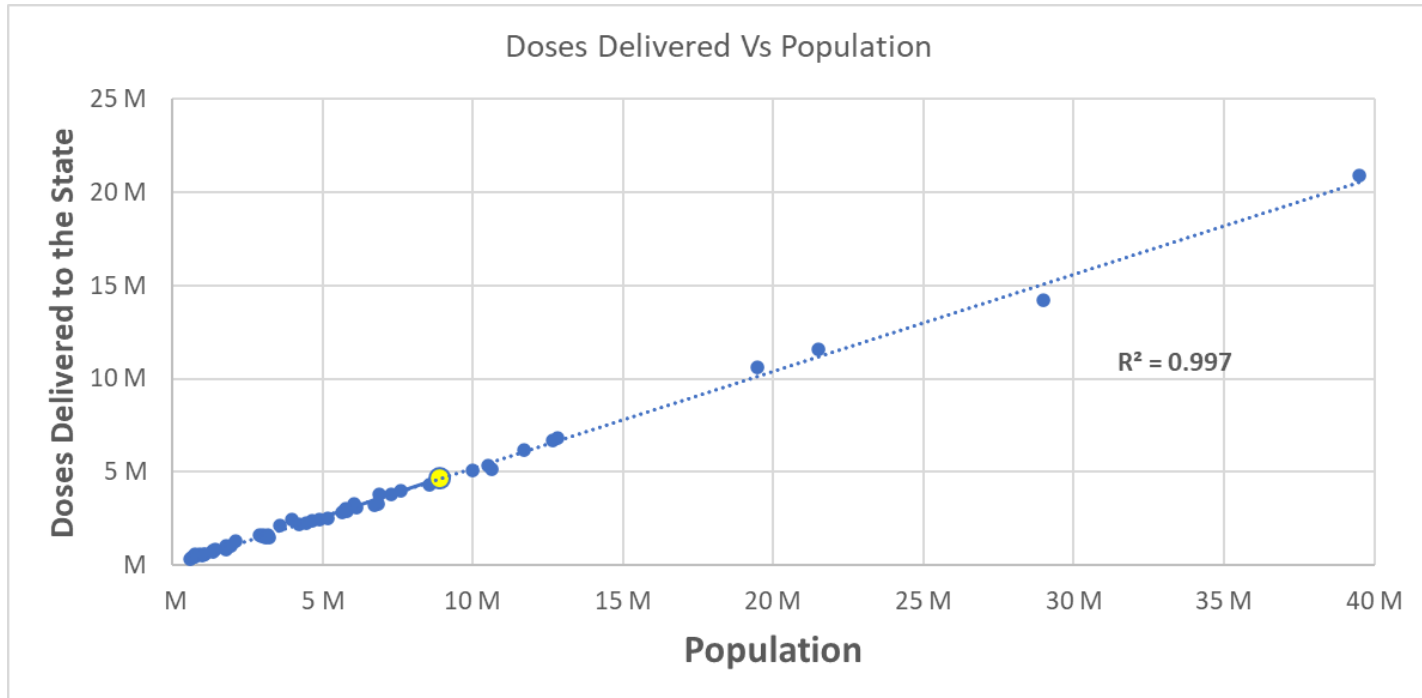


# Vaccination Numbers

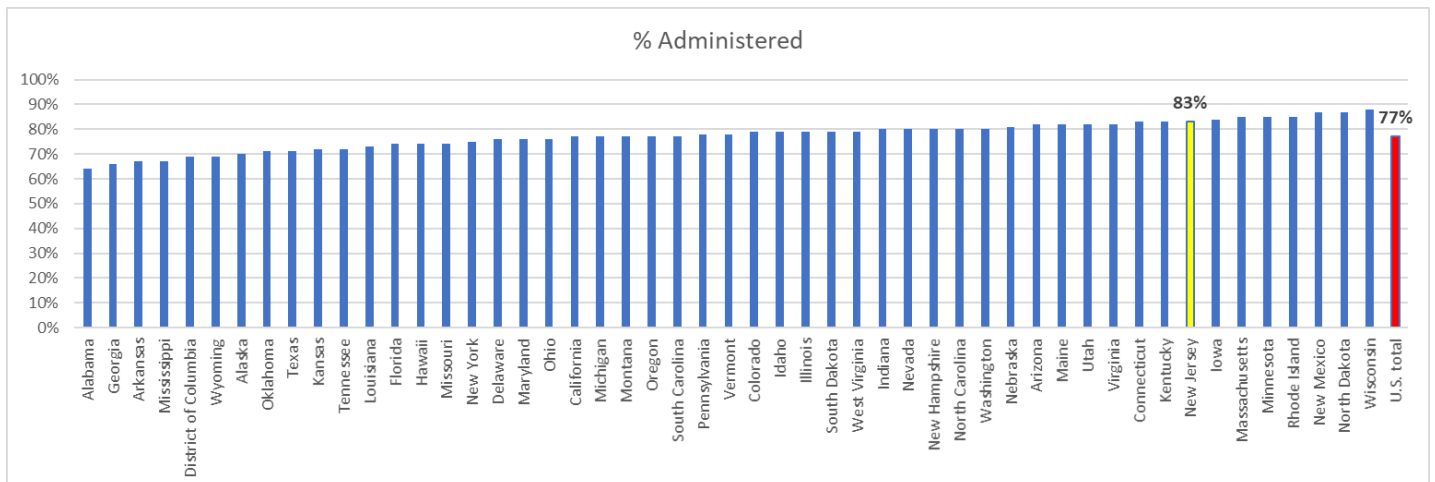
Many, including myself, are frustrated by the vaccine rollout. I hear from people that the County and State are doing a horrible job. I thought I'd look at the numbers.

Question 1: Is New Jersey getting its fair share? I got the data from the [NYT](#) updated on March 25<sup>th</sup>. Merging it with population data we get this figure showing vaccine delivered to the states vs population.



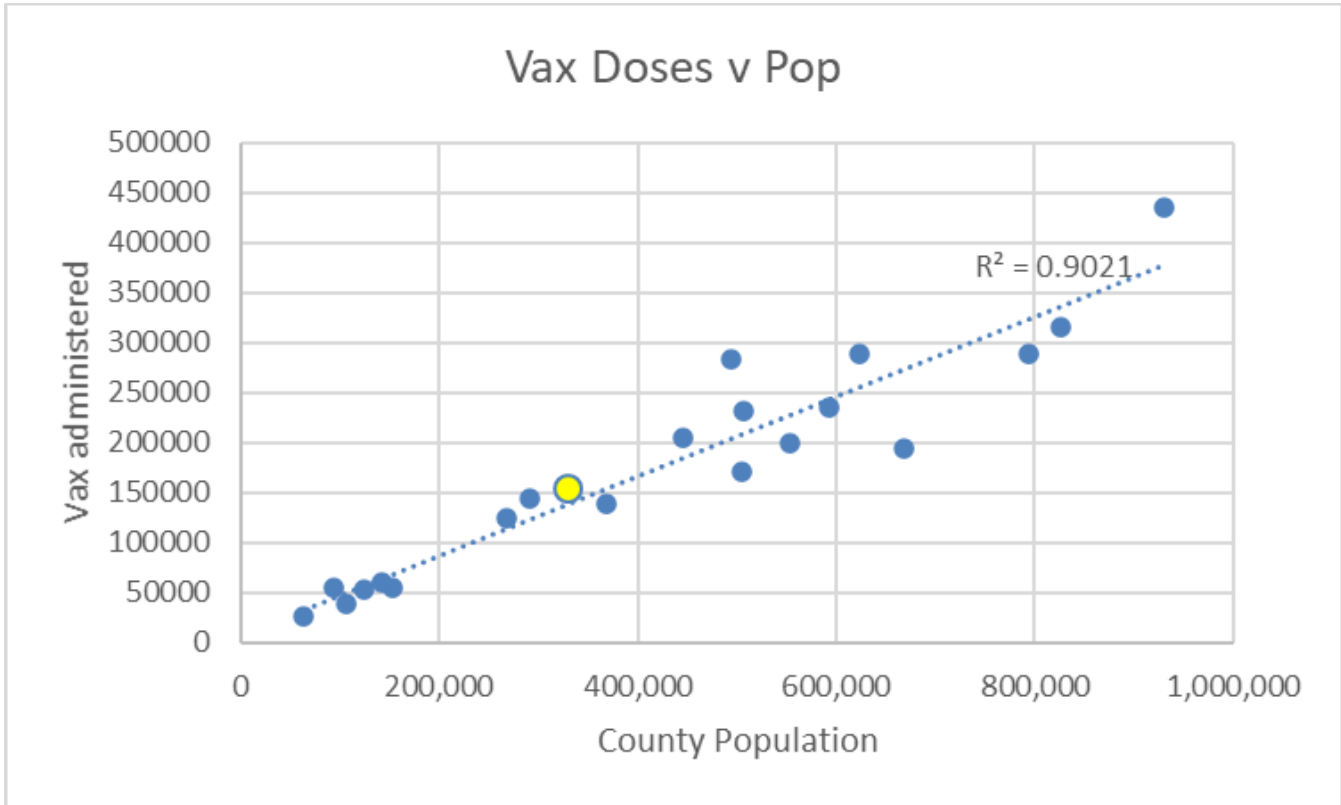
It shows distributions to the states are according to population. NJ is in yellow.

Question 2: How is NJ doing with administering doses compared to other states? The answers are, for at least one dose NJ is 8<sup>th</sup> of 51 and for fully vaccinated 20<sup>th</sup> of 51. It's not clear to me why there is such a difference unless we are just 3 weeks behind but catching up. Here is total % administered (administered by the state/distributed to the state).

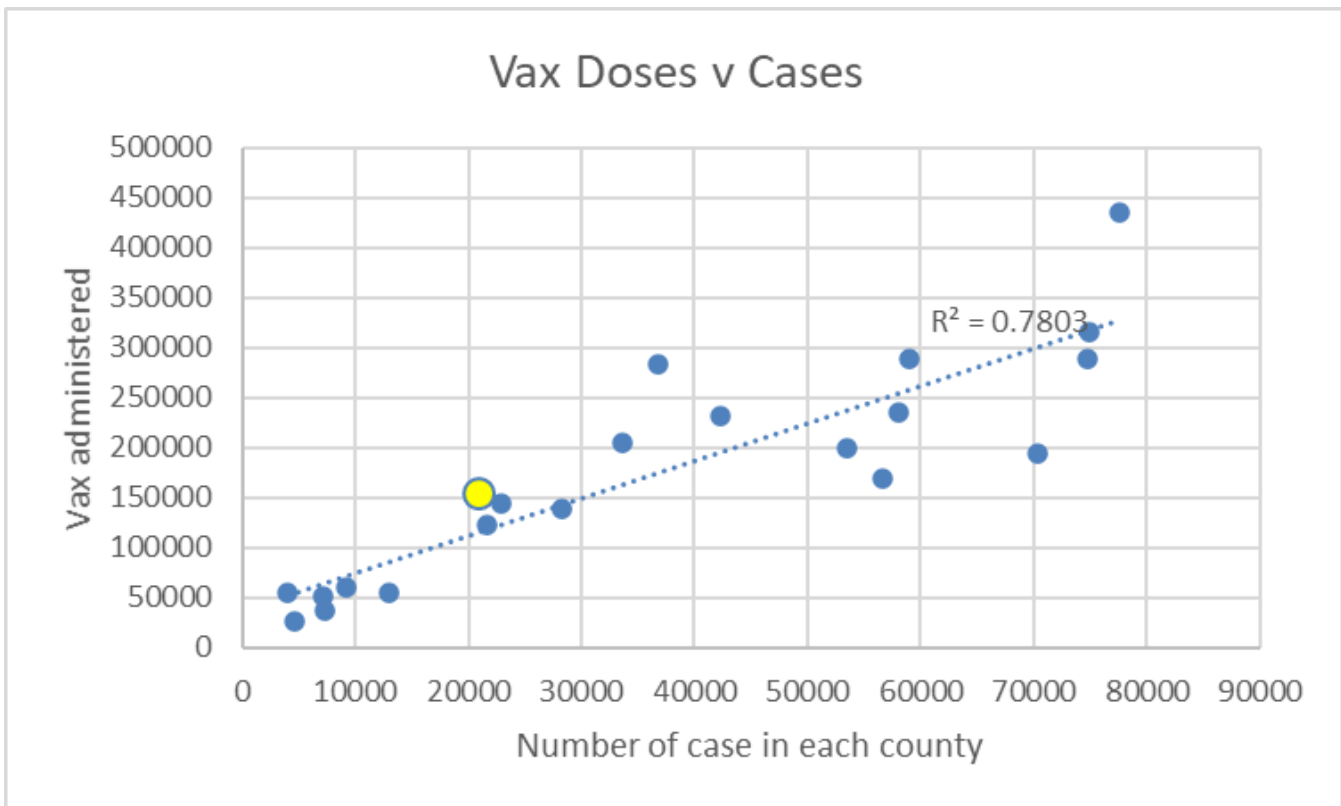


Question 3: Is Somerset County getting its fair share?

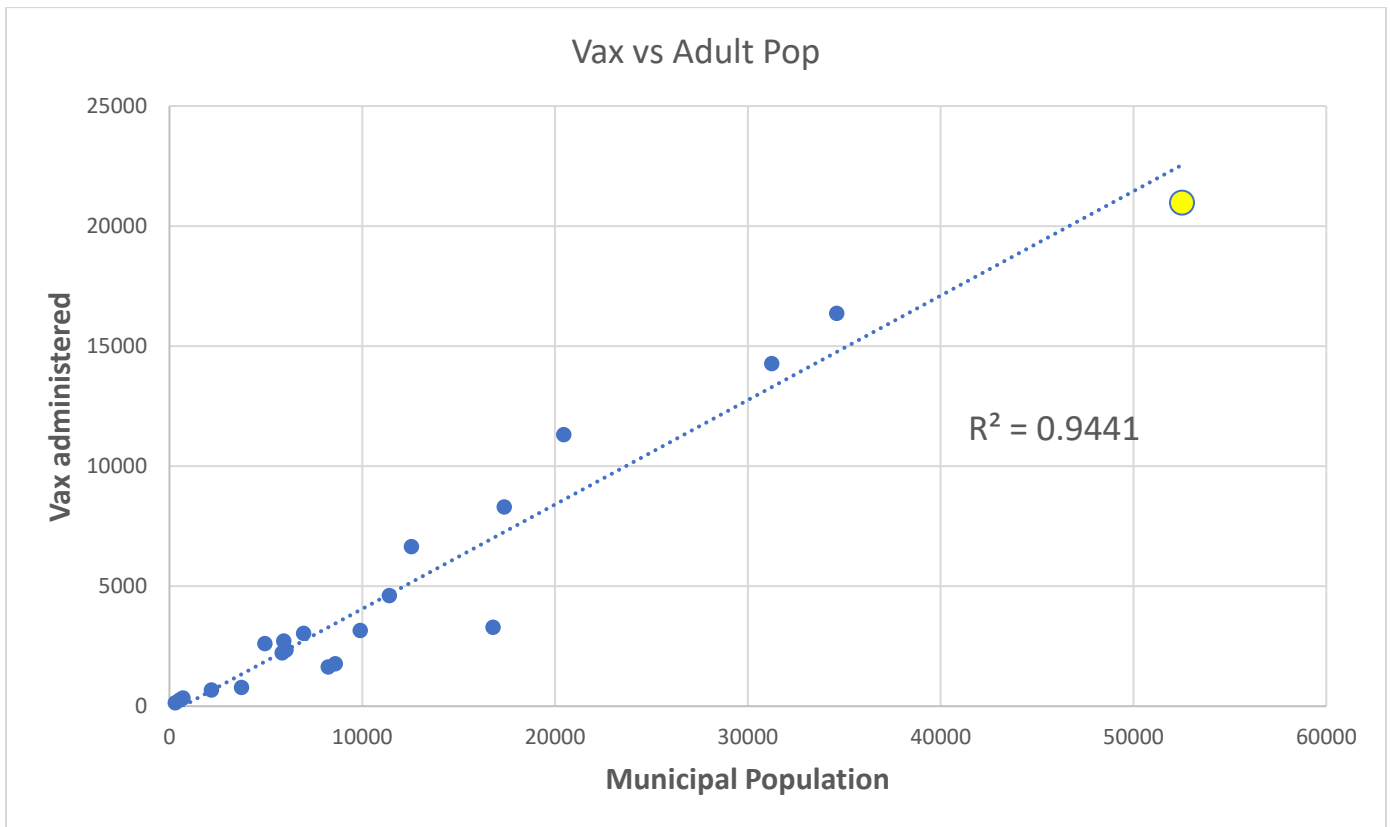
This data can be found at [https://www.nj.gov/health/cd/topics/covid2019\\_dashboard.shtml](https://www.nj.gov/health/cd/topics/covid2019_dashboard.shtml)



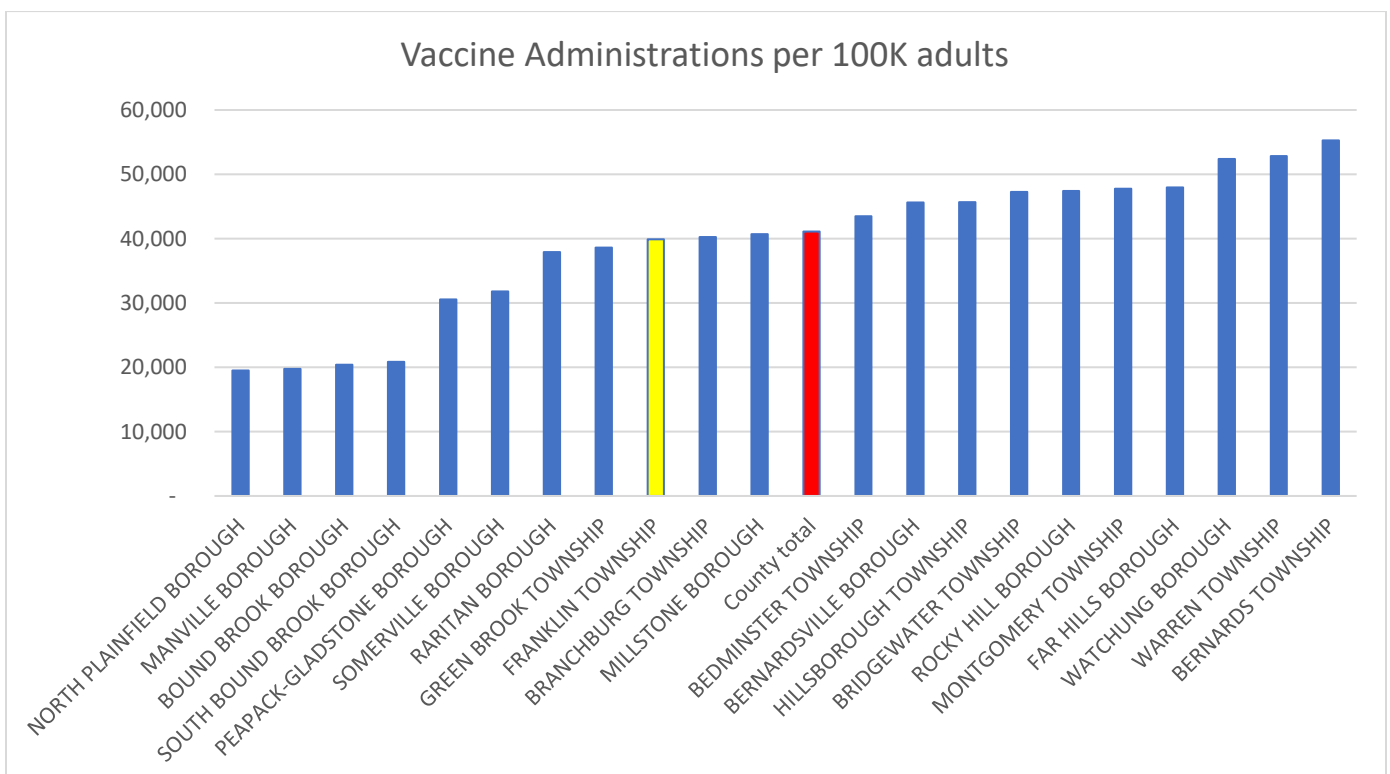
In the above figure I plot vaccine doses administered vs County population. It seems to be appropriate. The same is true if you plot vaccine doses vs cases. Somerset Co. is 5<sup>th</sup> in the state for percent of received doses administered.



Question 4: Is Franklin getting its fair share? I received the table at the bottom of the document from the county who got it from the state. I plot vaccine administered vs municipal population.



Franklin is in yellow and slightly below the line but not much. Below I compare vaccine administered per capita. Franklin is slightly below the County average. The four towns on the left are clearly under served.



In the table below, Franklin is 0.11 standard deviations below the County average. The municipalities in red are significantly below average. (Numbers in red are negative)

Municipality	Sum of Population	Sum of Adult population (over 18)	Sum of Total administrations	Sum of Administrations per 100K adults	STDCoAve
BEDMINSTER TOWNSHIP	8406	6967	3030	43,491	0.21
BERNARDS TOWNSHIP	27176	20458	11311	55,289	1.28
BERNARDSVILLE BOROUGH	7823	5943	2711	45,617	0.41
<b>BOUND BROOK BOROUGH</b>	10988	8612	1759	20,425	<b>1.86</b>
BRANCBURG TOWNSHIP	14767	11419	4594	40,231	<b>0.08</b>
BRIDGEWATER TOWNSHIP	44776	34609	16352	47,248	0.55
FAR HILLS BOROUGH	910	707	339	47,949	0.62
FRANKLIN TOWNSHIP	65949	52539	20962	39,898	<b>0.11</b>
GREEN BROOK TOWNSHIP	7792	6058	2339	38,610	<b>0.22</b>
HILLSBOROUGH TOWNSHIP	40427	31245	14266	45,659	0.41
<b>MANVILLE BOROUGH</b>	10255	8243	1629	19,762	<b>1.92</b>
MILLSTONE BOROUGH	419	317	129	40,694	<b>0.04</b>
MONTGOMERY TOWNSHIP	23147	17369	8295	47,757	0.60
<b>NORTH PLAINFIELD BOROUGH</b>	21819	16799	3280	19,525	<b>1.94</b>
PEAPACK-GLADSTONE BOROUGH	2809	2183	667	30,554	<b>0.95</b>
RARITAN BOROUGH	7356	5849	2217	37,904	<b>0.29</b>
ROCKY HILL BOROUGH	704	546	259	47,436	0.57
SOMERVILLE BOROUGH	12501	9909	3149	31,779	<b>0.84</b>
<b>SOUTH BOUND BROOK BOROUGH</b>	4720	3742	781	20,871	<b>1.82</b>
WARREN TOWNSHIP	16134	12557	6635	52,839	1.06
WATCHUNG BOROUGH	6139	4965	2601	52,387	1.02
<b>County total</b>	<b>335017</b>	<b>261036</b>	<b>107305</b>	<b>41,107</b>	

It doesn't feel like it but the number seem to bear out the state is getting and distributing its fair share, the County is doing the same and Franklin is getting its numbers.

### Beyond the data

What this data doesn't show is if the doses are going to the correct demographics. Nor does it reflect the wild west atmosphere of having to register at many sites and not knowing where you stand on any of them. Somerset Co. has an 1800 senior person waiting list. Both the state and county are whittling away at it. I've received feedback from those who have been called. I know that's no solace for those of you who are still waiting.

I think the scheduling operation would have been better with central scheduling and local distribution rather than mega sites. But how knew?