Connecticut Vaccination Summary

Ridgefield COVID-19 Task Force

Data downloaded from
https://covid.cdc.gov/covid-data-tracker/#vaccinations

Friday, January 29, 2021

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Connecticut ranks #3 among states in percent of population receiving at least one dose.

1. Connecticut ranks **#4** in administered doses as a percent of population.
2. Connecticut ranks **#3** in distributed doses as percent of population.
3. Connecticut ranks **#5** in administered doses as percent of distributed doses.

Conclusion: Connecticut ranks high in vaccines administered because it is doing an excellent job in administering doses that have been received from the Federal Government.

1		2		3
Shots Administered	=	***Doses Received***	x	***Administration Efficiency***
$\left[\frac{\text{Administered Doses}}{\text{Population}}\right]$	=	$\left[\frac{\text{Distributed Doses}}{\text{Population}}\right]$	x	$\left[\frac{\text{Administered Doses}}{\text{Distributed Doses}}\right]$
Driven By ------>		***Federal Government***		***Local Governments***

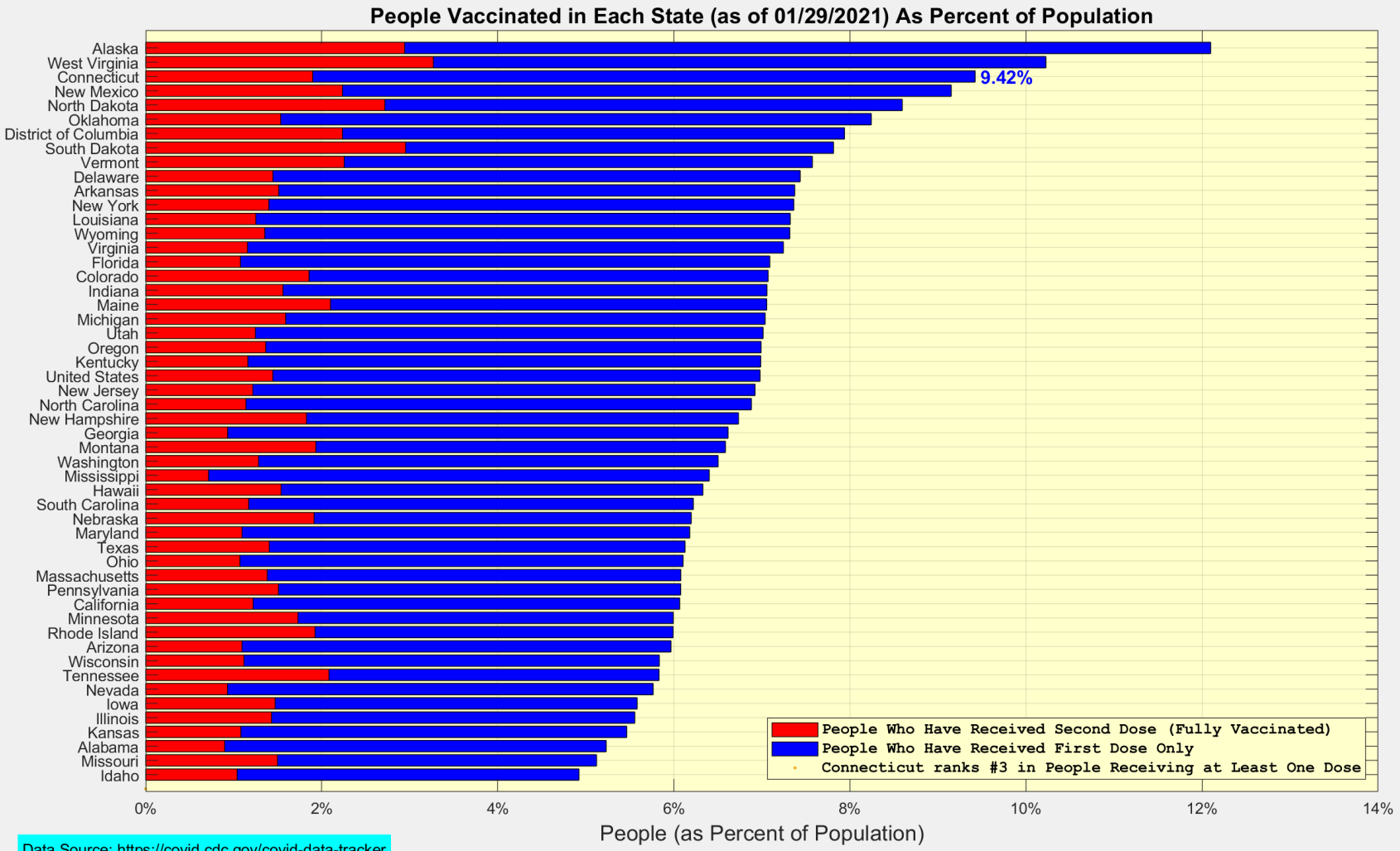
Connecticut and US Vaccination Summary

Connecticut (as of Friday January 29, 2021)	Cumulative	Daily
Doses Distributed	577,625	14,339
Doses Administered	403,370	16,561
Percent of Population Who Have Received First Dose Only	7.53%	
Percent of Population Who Have Received Second Dose	1.90%	
Percent of Population Who Have Received At Least One Dose	**9.42%**	
Connecticut Rank Among 50 States and DC	**3**	

United States (as of Friday January 29, 2021)	Cumulative	Daily
Doses Distributed	49,216,500	1,332,014
Doses Administered	27,884,661	1,253,815
Percent of Population Who Have Received First Dose Only	5.54%	
Percent of Population Who Have Received Second Dose	1.44%	
Percent of Population Who Have Received At Least One Dose	6.98%	

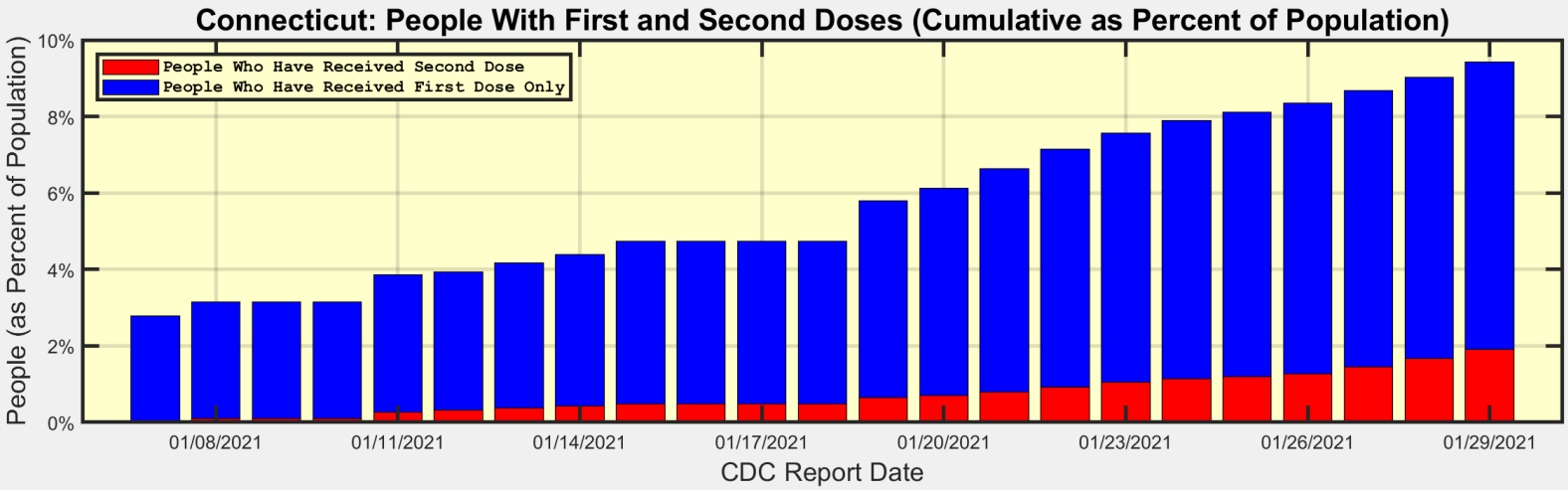
Data Source: https://covid.cdc.gov/covid-data-tracker/#vaccinations.
The Daily numbers are the most recent 7-day moving averages.

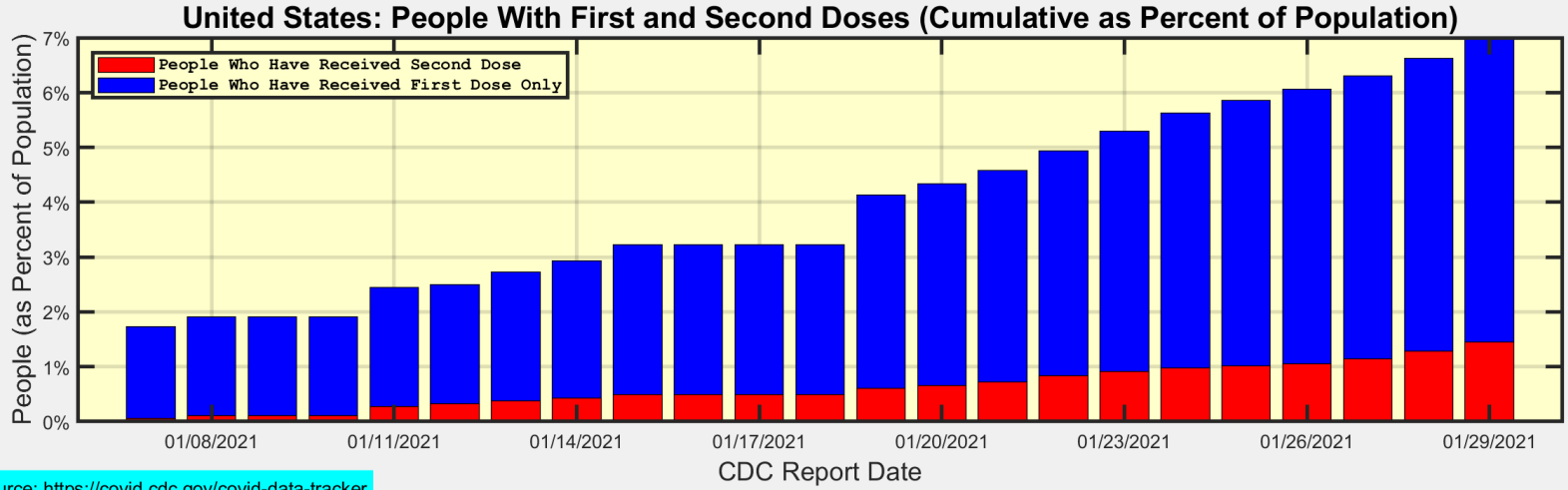
People Vaccinated in Each State as Percent of Population



Data Source: https://covid.cdc.gov/covid-data-tracker

People who have received First and Second Doses (Cumulative)





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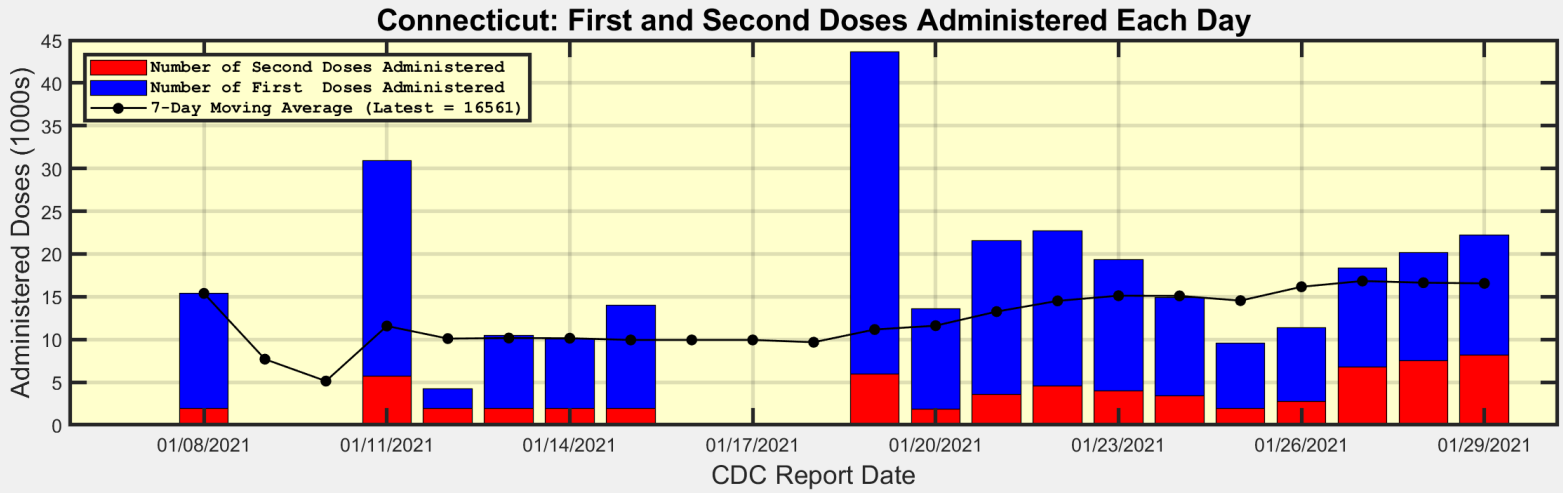
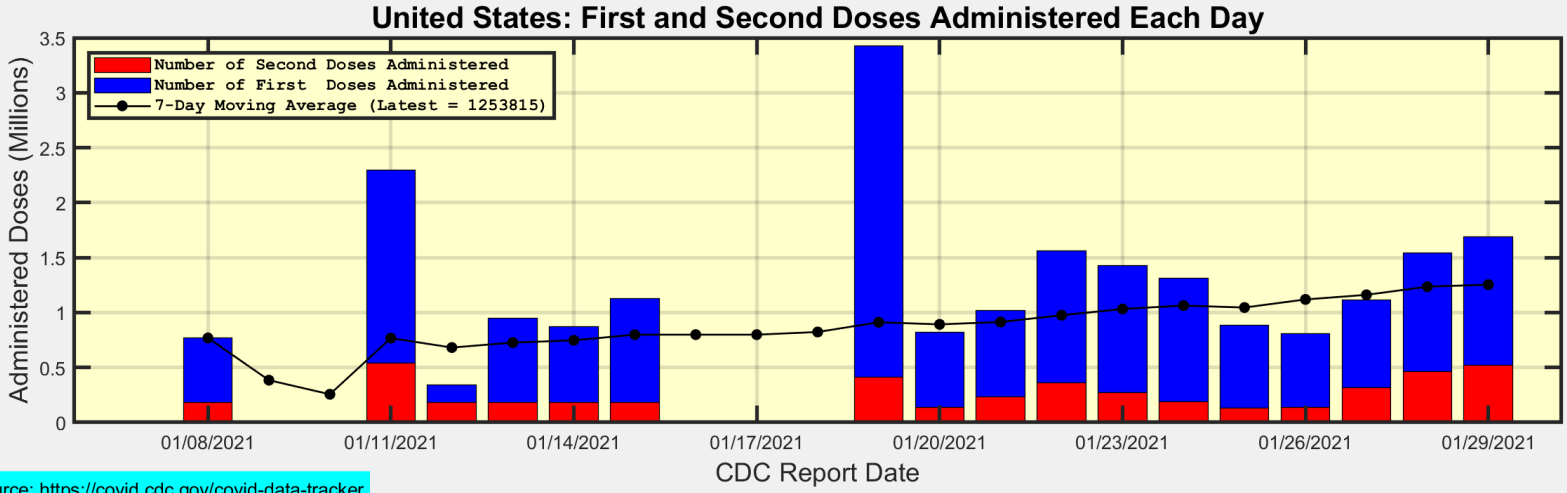
First and Second Doses Administered Each Day





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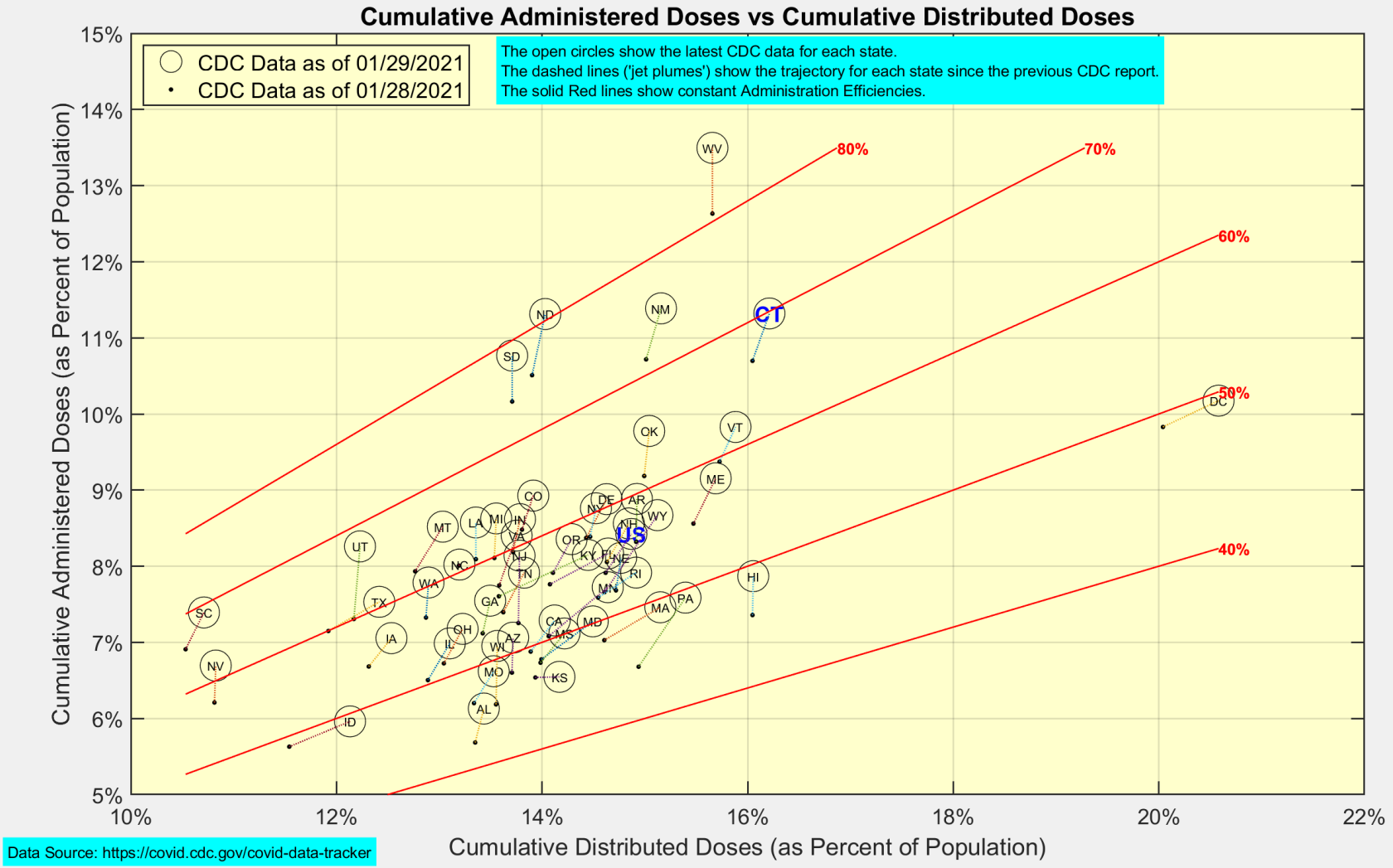
Introduction to Scatter Plot of Administered vs Distributed Doses

y-axis		***x-axis***		***Red Diagonal Lines***
Administered Doses	**=**	***Distributed Doses***	***x***	***Administration Efficiency***

$$\left[\frac{\text{Administered Doses}}{\text{Population}}\right] = \left[\frac{\text{Distributed Doses}}{\text{Population}}\right] \text{ x } \left[\frac{\text{Administered Doses}}{\text{Distributed Doses}}\right]$$

1. *The dashed lines can be thought of as 'jet plumes' showing the trajectory of each state since the previous CDC report.*
2. *Since the doses are cumulative, the dashed lines will always move upward and to the right.*

Scatter Plot: Administered vs Distributed Doses



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Connecticut's New Case Rate has decreased significantly …
But it there is insufficient data to argue that this is 'caused' by Connecticut's high vaccination rates