Opening MVP Matthew Berkley County Acreage Produced by County Total Acreage Per Year Varietals Temperature Over Temperature Delta 1895-2019 ...



Is global warming and basically all of 2020 making you want to drink?

Well feed that alcoholism while you can....

Opening MVP Matthew Berkley County Acreage Produced by County Total Acreage Per Year Varietals Temperature Over Temperature Delta 1895-2019

# Weather Influence on Wine Harvest and Production

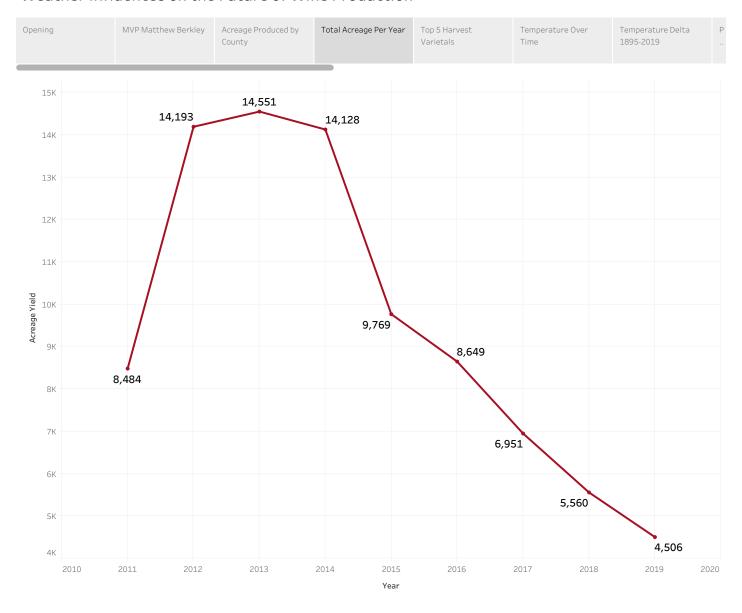
Adam McVey, Matthew Berkley, Gianni Adamo, Jiuhe(Rosa) Zhu, Zac Cheatle, Laura Rice



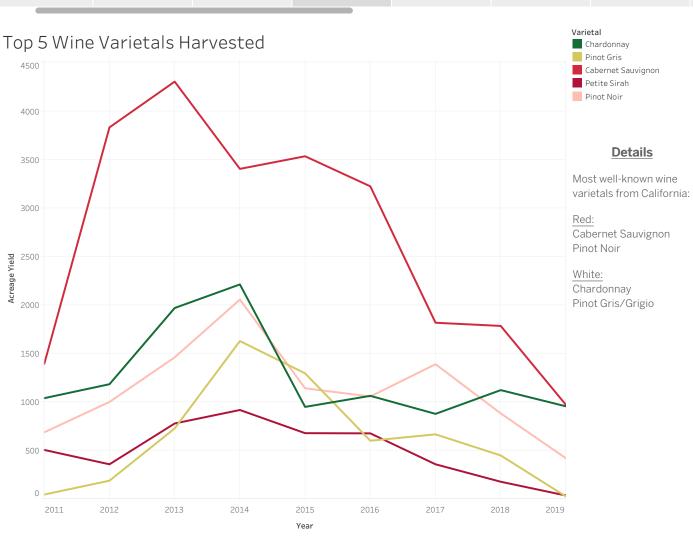
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Opening MVP Matthew Berkley County Total Acreage Per Year Varietals Temperature Over Temperature Delta 1895-2019 ...

# Wine Grape Harvest Acreage by County per Year Year 2011 Show history







Acreage Produced by County

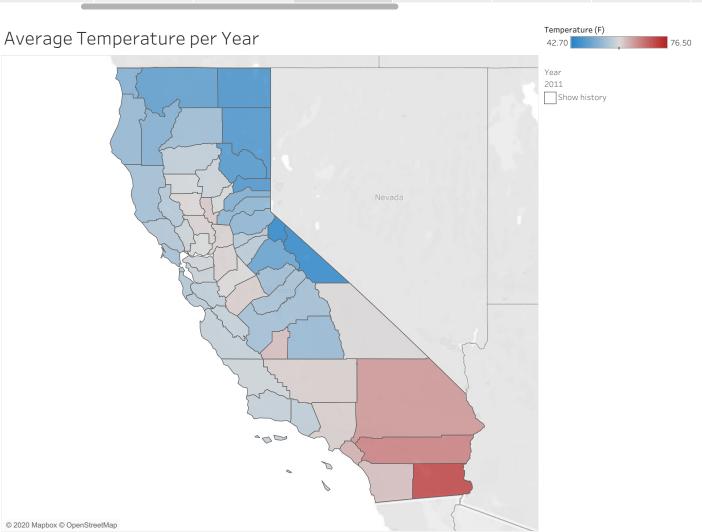
Total Acreage Per Year Varietals

Top 5 Harvest Varietals

Temperature Over Time

Temperature Delta 1895-2019

Temperature Delta 1895-2019



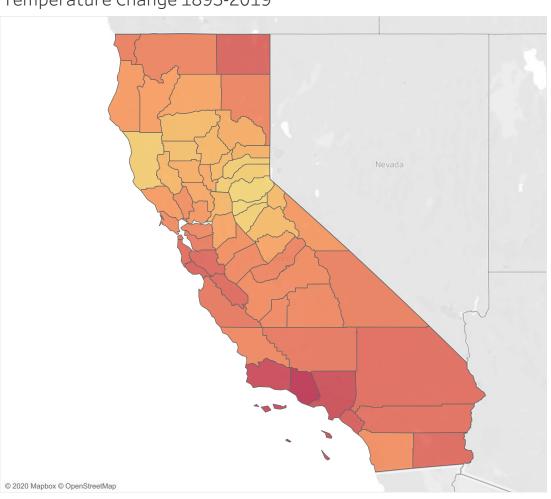
Total Acreage Per Year	Top 5 Harvest Varietals	Temperature Over	Temperature Delta 1895-2019	Precipitation per Year	January Temperatures	January Precipitation	

Temperature Change (F)

4.600

0.800

# Temperature Change 1895-2019

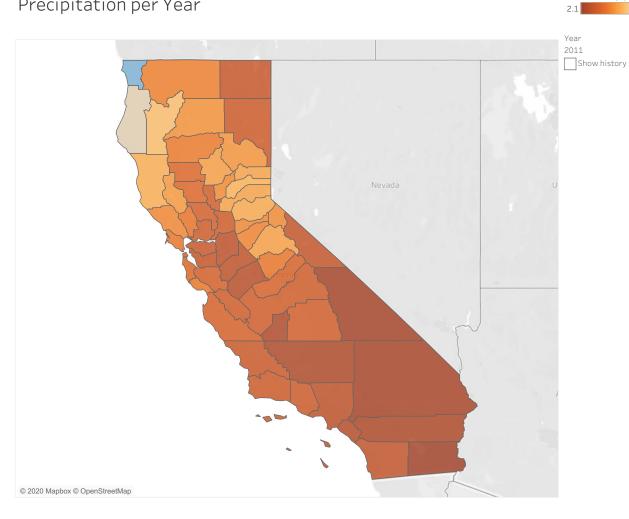


Top 5 Harvest Temperature Over Temperature Delta Precipitation per Year January Temperatures January Precipitation Ozone Days per Year Varietals 1895-2019 Time

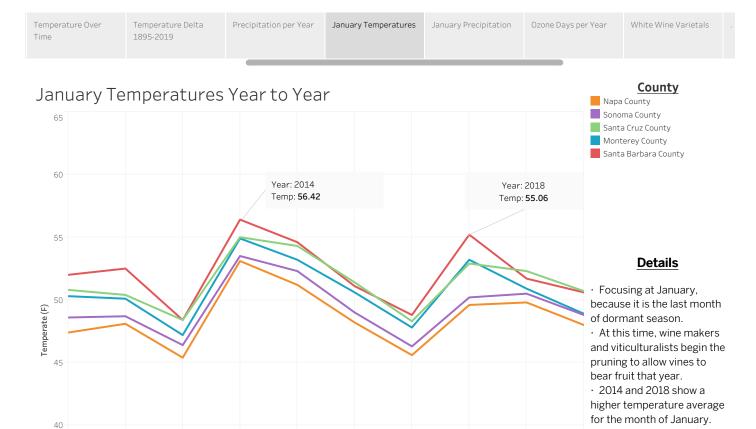
Precipitation (in)

102.6

# Precipitation per Year

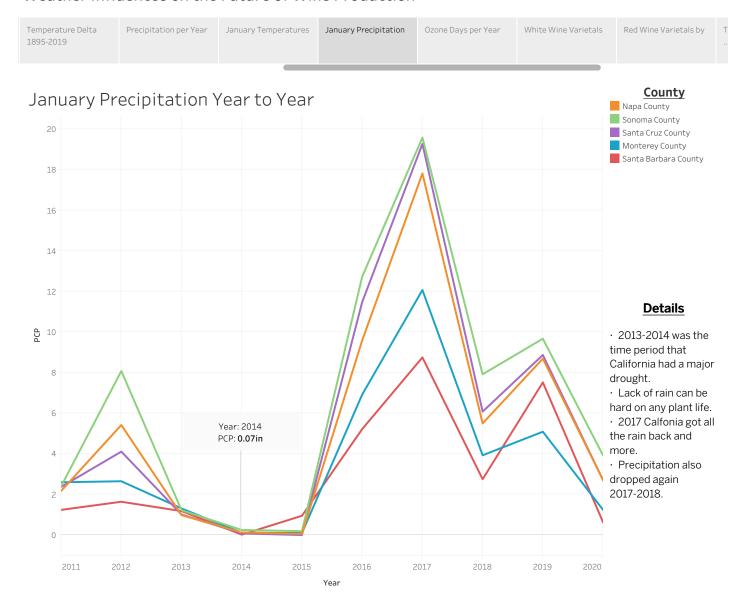


Year

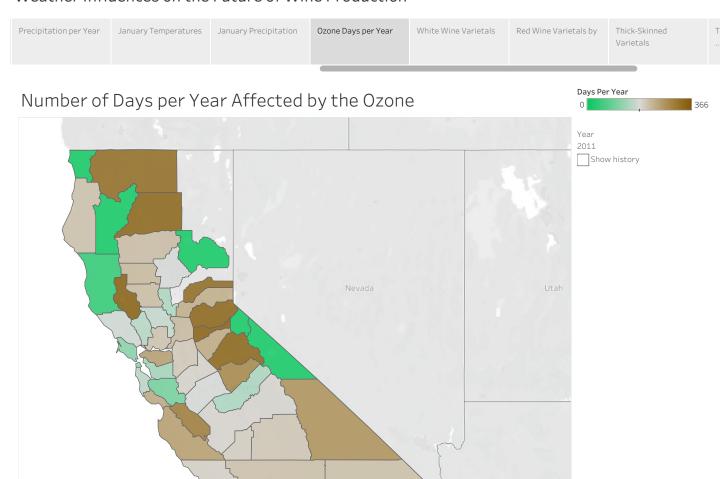


· Having warm temperatures too early makes plants think its spring and begin to grow,

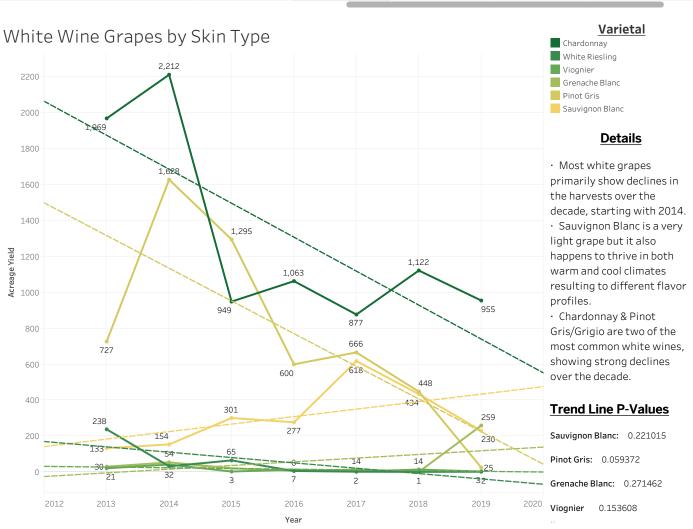
but then don't survive when temperature drops again.



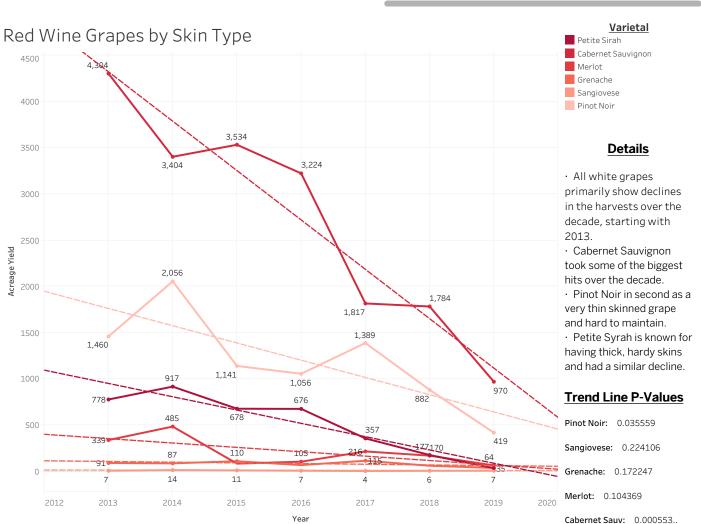
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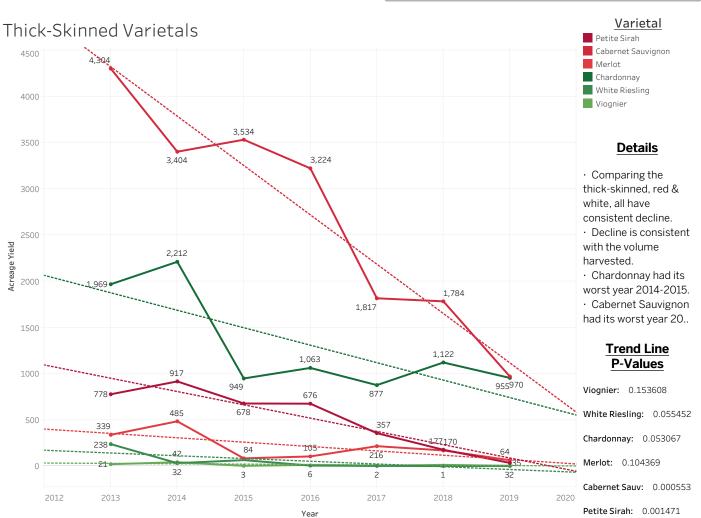
January Temperatures January Precipitation Ozone Days per Year White Wine Varietals Red Wine Varietals by Thick-Skinned Varietals .



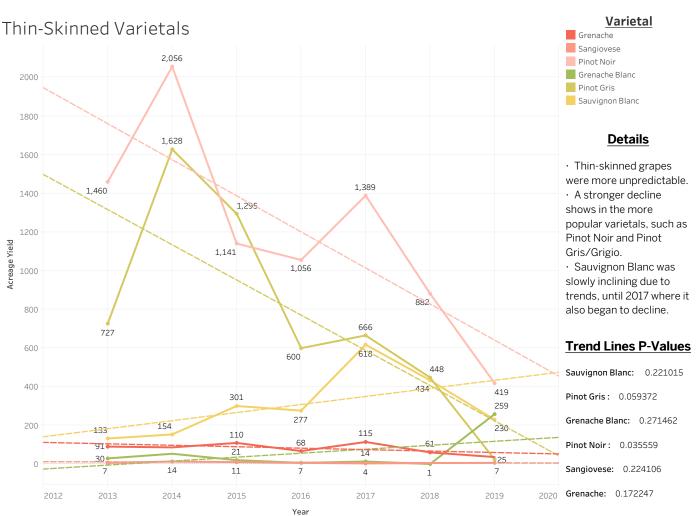










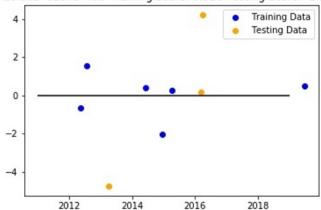


J. January Precipitation Ozone Days per Year White Wine Varietals Red Wine Varietals by Varietals

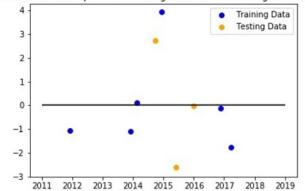
Ozone Days per Year White Wine Varietals Red Wine Varietals by Varietals

Ozone Days per Year White Wine Varietals Varietals Varietals

Residual Ozone Plot: Training Score: 0.816 Testing Score: -1.1780



Residual Plot Precipitation: Training Score: 0.483 Testing Score: 0.242 Residual



Residual Temperature Plot Training Score: 0.712 Testing Score: 0.979

