SCION

SONOMA COUNTY VINTNERS

March 13, 2024



YOUR FUTURE GROWS HERE.

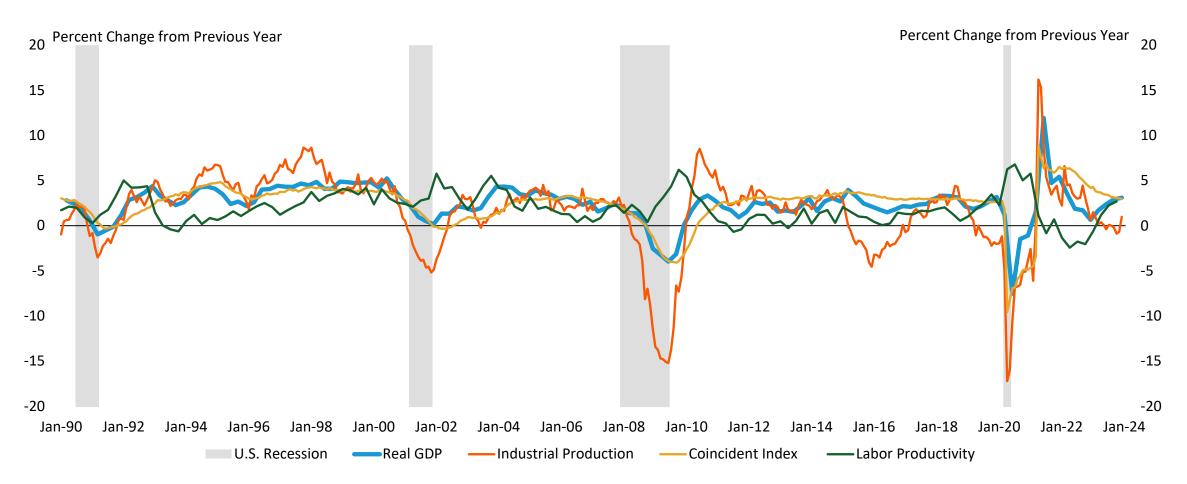


Macro Update – What a ride! Matt Clark, Senior Rural Economic Analyst

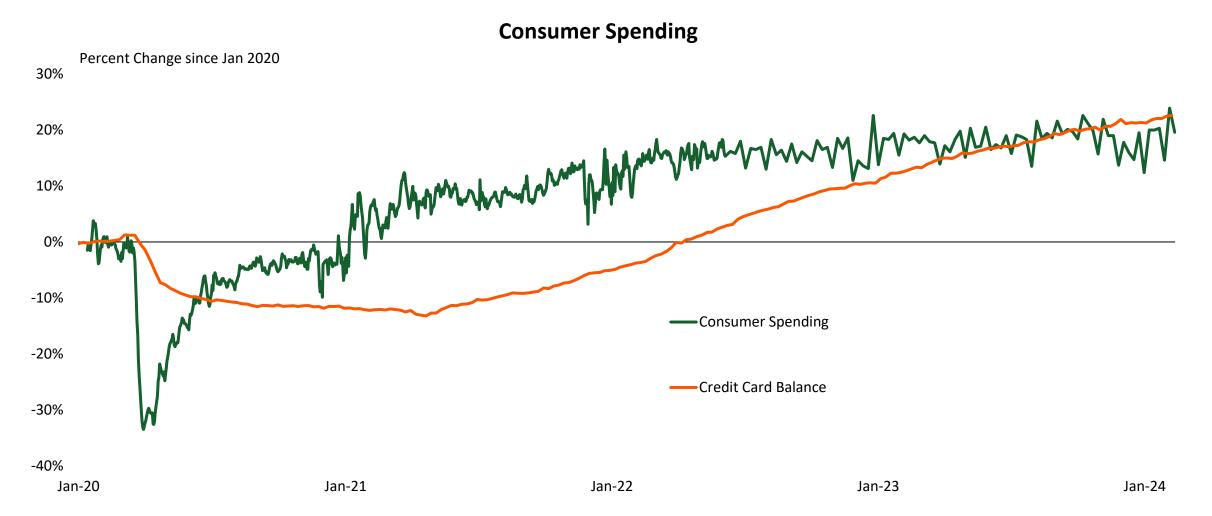
Disclaimer: While the information contained in this presentation is accurate to the best of our knowledge, it is presented "as is," with no guarantee of completeness, accuracy, or timeliness, and without warranty of any kind, express or implied. None of the contents should be considered to constitute investment, legal, accounting, tax, or other advice of any kind. In no event will Terrain or its affiliated Associations and their respective agents and employees be liable to you or anyone else for any decision made or action taken in reliance on the information read or heard during this presentation.

Headline U.S. data starts the year well

U.S. Economic Activity

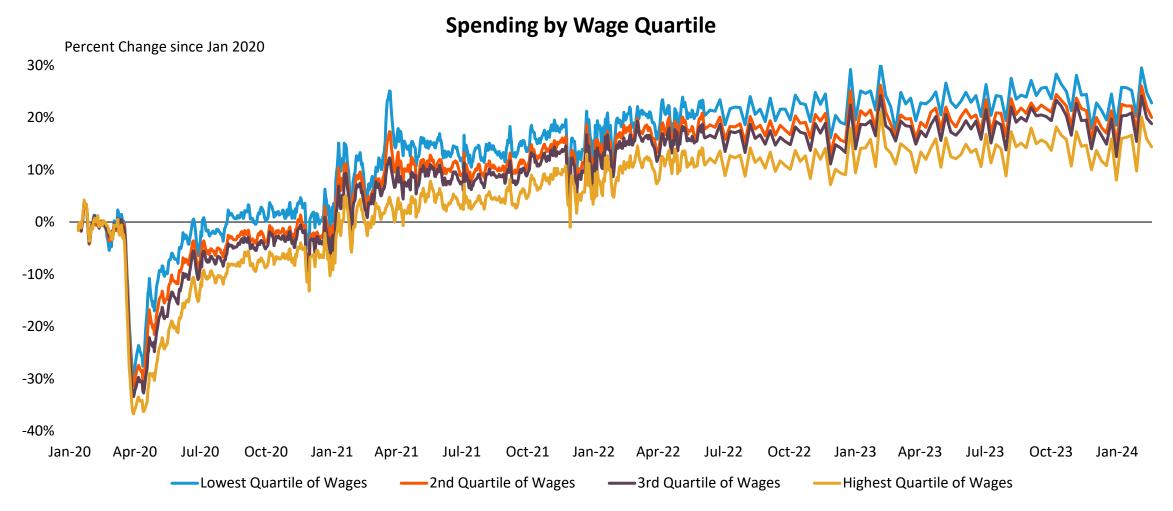


The consumer has been the driving force



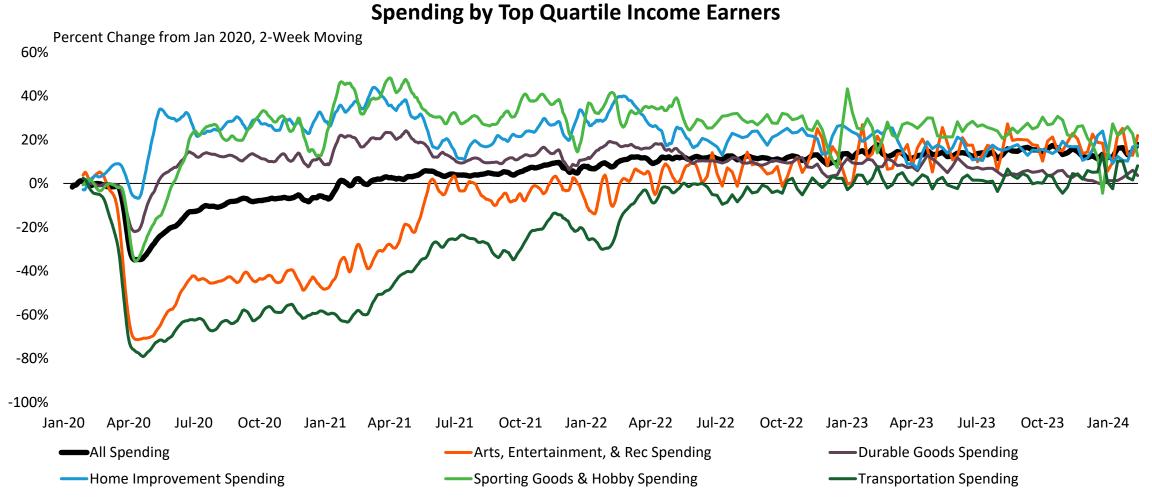
Source: Federal Reserve Board of Governors, Federal Reserve Bank of St. Louis, Affinity Solutions, Economic Tracker at https://tracktherecovery.org, "The Economic Impacts of COVID-19: Evidence from a New Public Database Built Using Private Sector Data", by Raj Chetty, John Friedman, Nathaniel Hendren, Michael Stepner, and the Opportunity Insights Team. November 2020. Available at: https://opportunityinsights.org/wp-content/uploads/2020/05/tracker_paper.pdf

Everyone is joining on the spending train



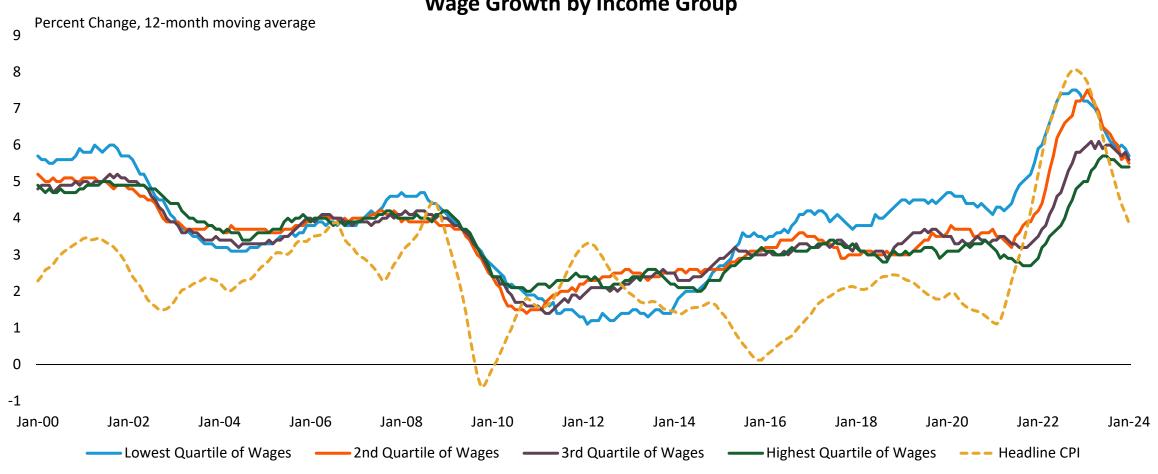
Source: Federal Reserve Board of Governors, Federal Reserve Bank of St. Louis, Affinity Solutions, Economic Tracker at https://tracktherecovery.org, "The Economic Impacts of COVID-19: Evidence from a New Public Database Built Using Private Sector Data", by Raj Chetty, John Friedman, Nathaniel Hendren, Michael Stepner, and the Opportunity Insights Team. November 2020. Available at: https://opportunityinsights.org/wp-content/uploads/2020/05/tracker_paper.pdf

Top Quartile Income Spending



Source: Federal Reserve Board of Governors, Federal Reserve Bank of St. Louis, Affinity Solutions, Economic Tracker at https://tracktherecovery.org, "The Economic Impacts of COVID-19: Evidence from a New Public Database Built Using Private Sector Data", by Raj Chetty, John Friedman, Nathaniel Hendren, Michael Stepner, and the Opportunity Insights Team. November 2020. Available at: https://opportunityinsights.org/wp-content/uploads/2020/05/tracker_paper.pdf

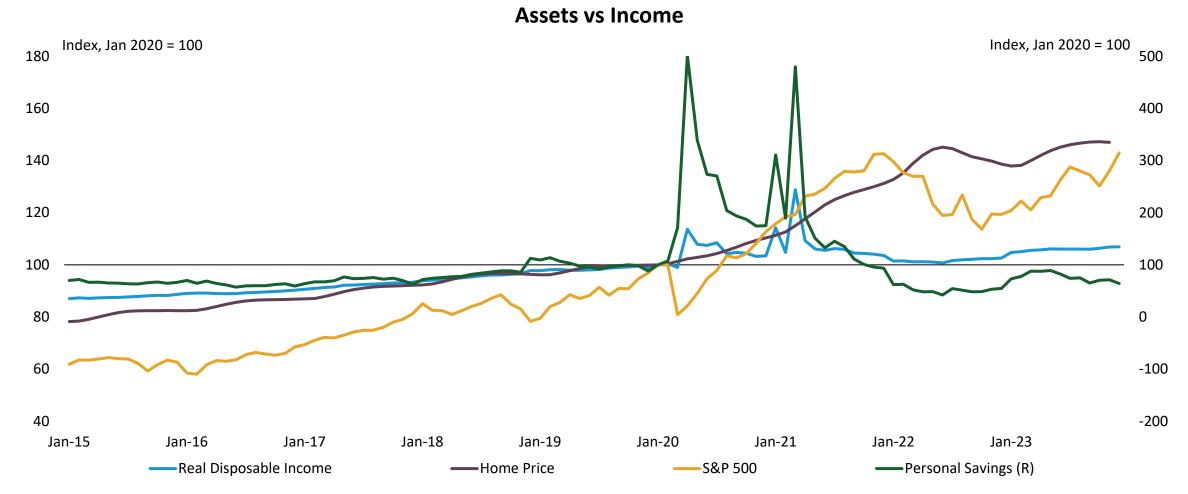
The spending is consistent with wage gains



Wage Growth by Income Group

Source: Federal Reserve Bank of Atlanta, BLS, Terrain.

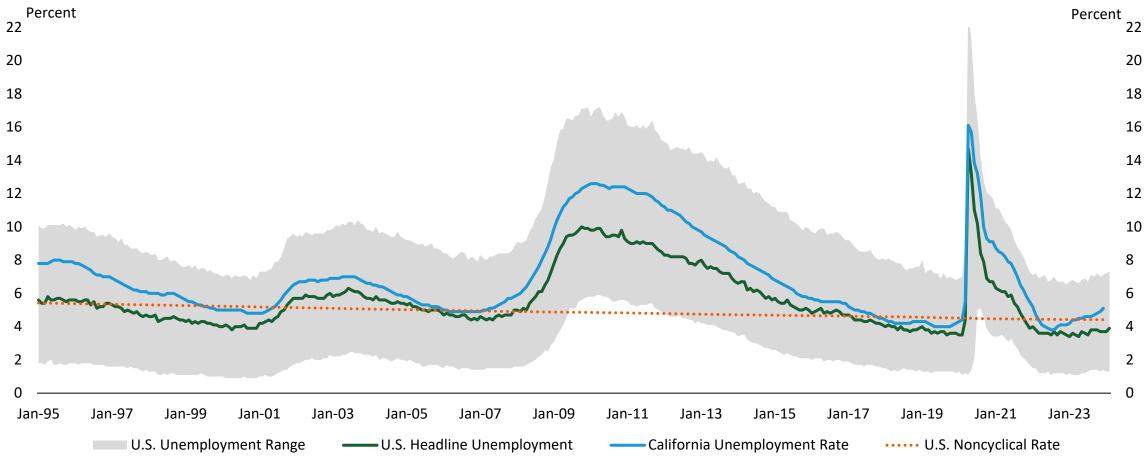
Wealth effect could be driving some spending



Source: Federal Reserve Banks of Philadelphia and St. Louis, BLS, BEA, Standard & Poors, Terrain.

The labor market has also been a key driver

Unemployment Rate



Sources: BLS, CBO, Federal Reserve Bank of St. Louis and Terrain.

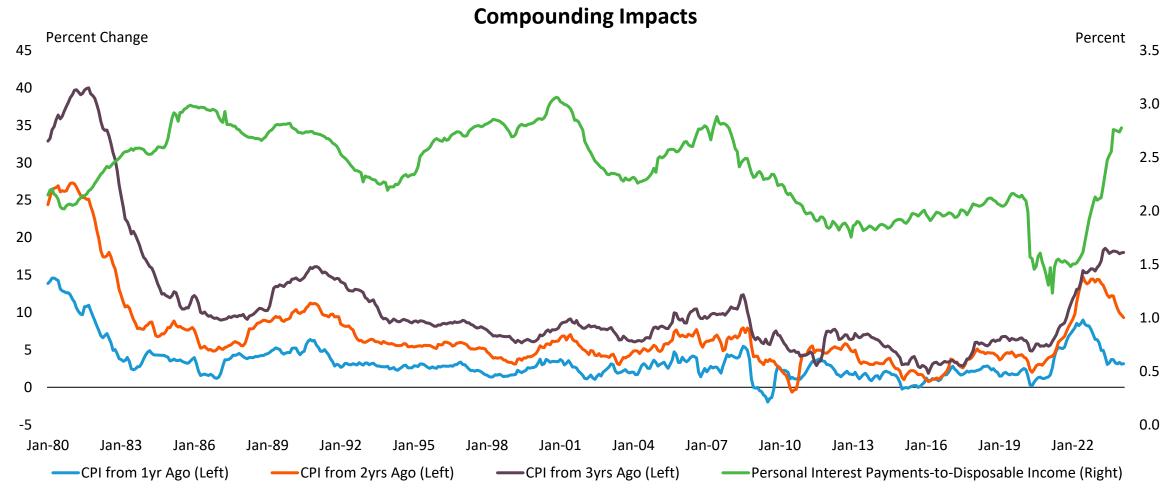
Is the labor market cooling?

Ratio Percent / Ratio 3.0 1.00 0.95 2.5 0.90 0.85 2.0 0.80 ~~~~~~ 0.75 1.5 0.70 1.0 0.65 0.60 0.5 0.55 0.0 0.50 Jan-01 Jan-03 Jan-05 Jan-07 Jan-09 Jan-13 Jan-17 Jan-19 Jan-21 Jan-23 Jan-11 Jan-15 -Jobs Available-to-Unemployed Persons (Left) Recession —Quit Rate (Left)

Alternative Measures of Labor

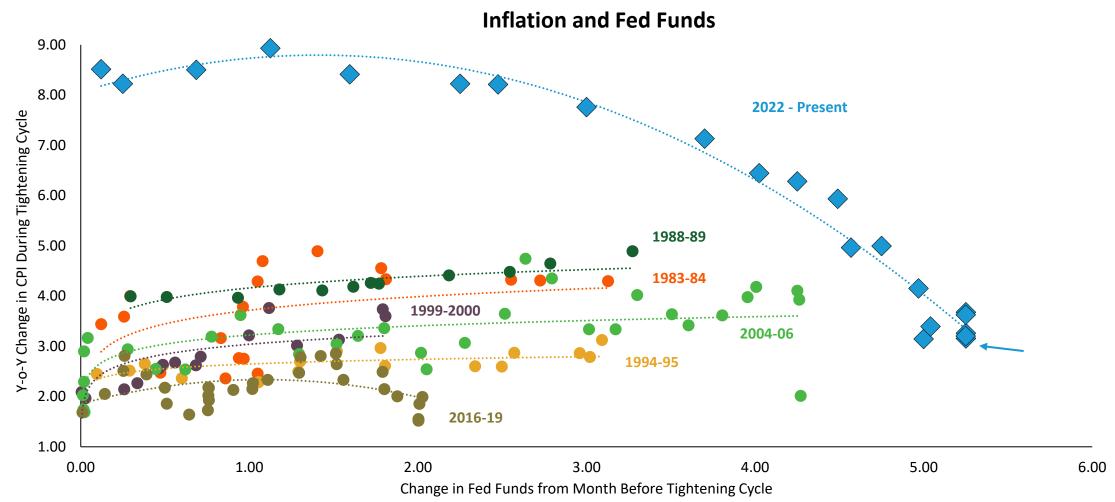
Sources: BLS, Federal Reserve Bank of St. Louis and Terrain.

Why doesn't it feel better?



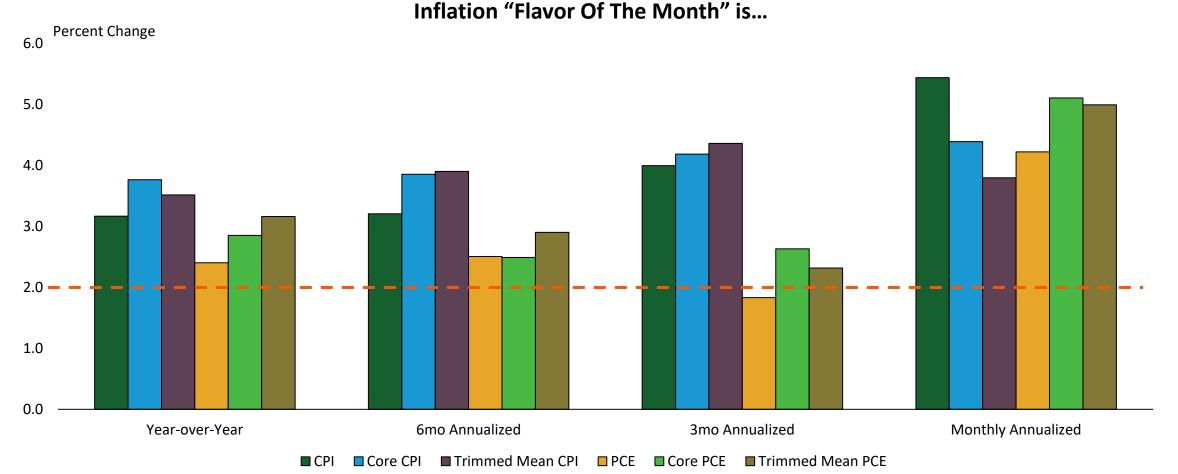
Sources: BLS, BEA, Federal Reserve Bank of St. Louis and Terrain.

Inflation will drive the bus on rates



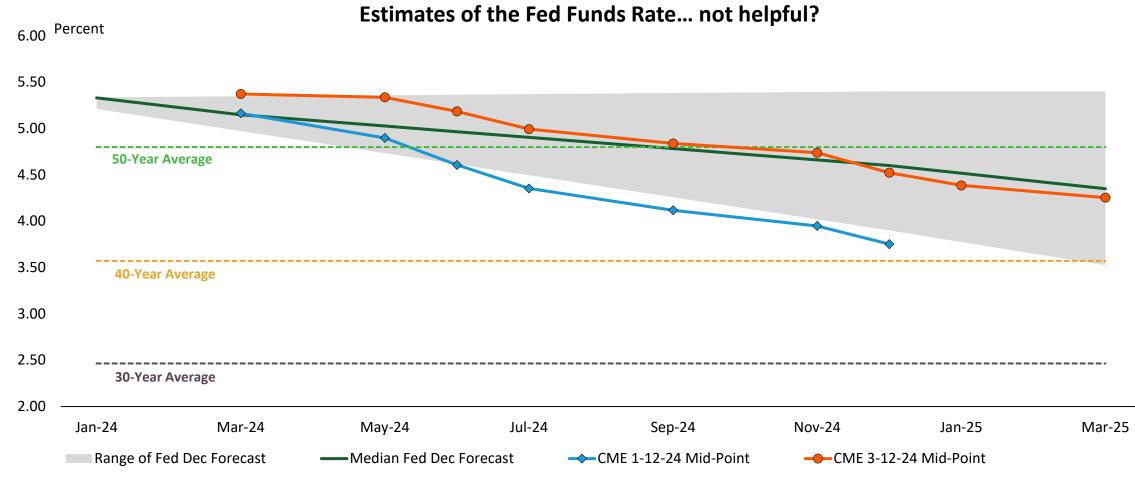
Sources: Federal Reserve Bank of St. Louis and Terrain

Is inflation headed towards the Fed's goal?



Sources: Federal Reserve Banks of Atlanta, Cleveland, Dallas, and St. Louis, BLS, BEA, Terrain.

Be careful to not 'bank' too heavily on cuts



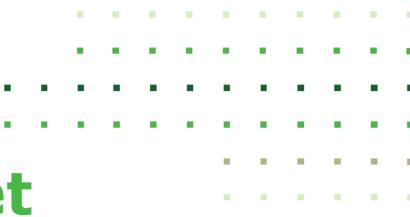
Sources: CME, Federal Reserve Bank of St. Louis and Economic Forecasts



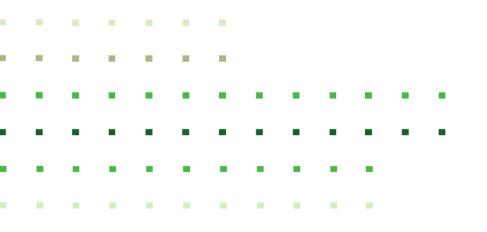
Wine and Grape Update – The Ride Isn't Over Yet

Chris Bitter, Senior Wine and Grape Analyst





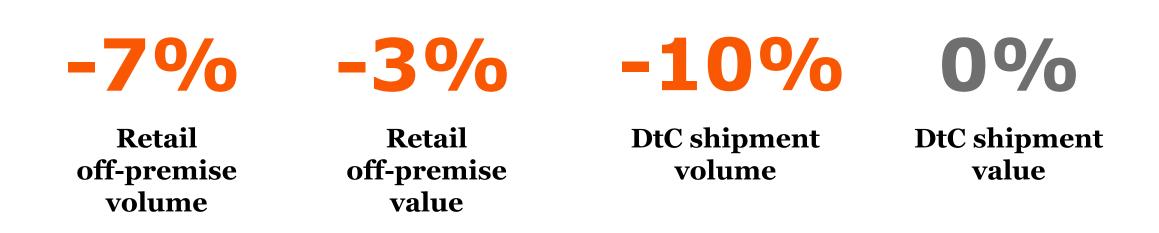
The Wine Market A Roller Coaster Ride for Wine



Sales volumes down across channels and price tiers in 2023



Sonoma wasn't able to buck the trend.....



Sources: NIQ, Wines Vines Analytics, Terrain

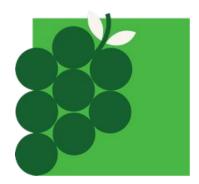
Why are wine sales declining?

- Economic drivers
 - Solid economic back drop
 - But pessimistic consumers
- Idiosyncratic factors
 - Post-pandemic normalization
 - Inventory shortages due to 2020 fires
- Secular headwinds
 - Heightened competition with substitutes
 - Demographic / generational shifts
 - Moderation movement

A murky and muted outlook

- Don't expect much improvement in 2024
 - The economy is not likely to provide a boost
 - Moderation movement is picking up steam
 - But post-pandemic normalization should be less of a drag
- Longer term what is the new normal for wine?
 - Secular headwinds will persist and perhaps hasten
 - Expect flat to slowly declining wine sales volume overall
 - Slow growth in the DTC and premium/luxury price tiers
- Sonoma County is favorably positioned

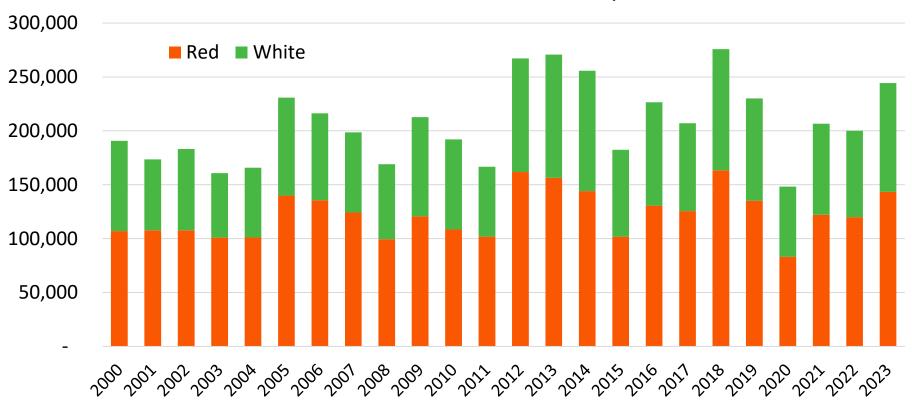




The Grape Market Large Crop is a Doubled Edged Sword

				i.						
							1			
•	•			•	•	÷	•		•	
۰.	۰.	۰.	۰.	۰.	۰.	2	۰.	2	۰.	

Second largest crush in past nine years



Tons Crushed: Sonoma County

Sources: California Department of Food and Agriculture, Terrain

Sonoma grape prices edged up in 2023

+0.5%

Red Varieties

+5.0%

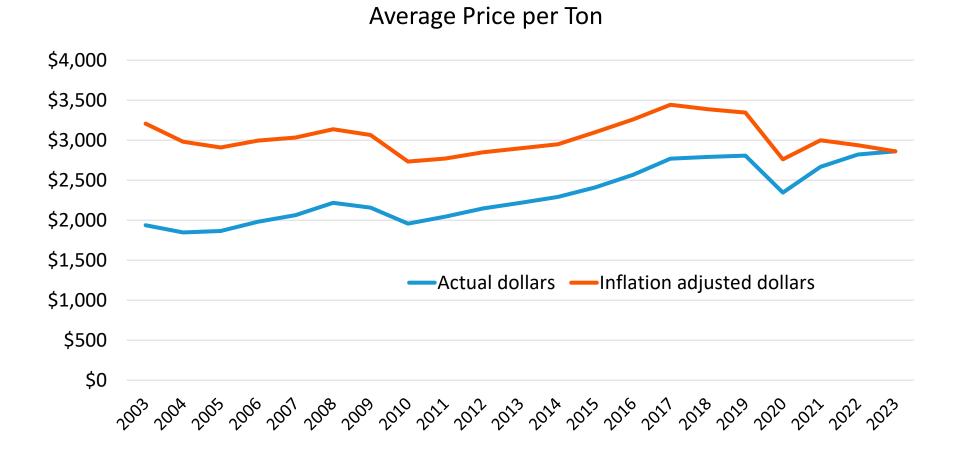
White Varieties

+1.4%

All Varieties

Sources: California Department of Food and Agriculture, Terrain

Sonoma grape prices are slipping in real terms



Sources: California Department of Food and Agriculture, BLS, Terrain

No quick fix for the grape market

- Demand is likely to remain soft in 2024
- Plenty of uncontracted fruit and bulk wine – buyers have options
- Prices will likely come under pressure unless the crop is small
- Acreage may need to be removed to bring the market back into balance





Vineyard Values Steady.....for Now

2	2.		2	2	2					
•	•	•	х.	•	•					
		γ.	ъ.							
_										
-	-	-					-	-	-	
	Ξ.	÷.,					а.			
10.0			10.0							

North Coast Market Indicators (Year over Year)

Vineyard Sales	Values	Demand	Activity	
 NAPA Prime 			\mathbf{V}	
 NAPA Secondary 		V	\mathbf{V}	
 NAPA Outlying 	=	\mathbf{V}	$\mathbf{\vee}$	
 SONOMA Prime 	=		\checkmark	
 SONOMA Secondary 	=	\mathbf{V}	$\mathbf{\vee}$	
 MENDO Anderson 	=	\mathbf{V}	$\mathbf{\vee}$	
 MENDO Inland 	=	\mathbf{V}	$\mathbf{\vee}$	
LAKE	=	\mathbf{V}	$\mathbf{\vee}$	

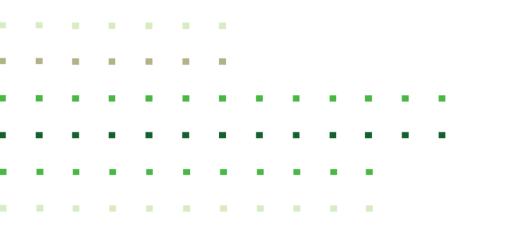
Source: American AgCredit / Terrain

North Coast vineyard value estimates (dollars per acre)

SEGMENT	VINEYARDS	PLANTABLE LAND		
NAPA COUNTY				
Prime	\$300,000 to >\$525,000	\$200,000 to >\$300,000		
Secondary	\$165,000 to \$375,000	\$165,000 to \$245,000		
Outlying	\$50,000 to \$165,000	\$50,000 to \$110,000		
SONOMA COUNTY				
Prime	\$90,000 to \$215,000	\$65,000 to \$110,000		
Secondary	\$70,000 to \$135,000	\$25,000 to \$45,000		
MENDOCINO COUNTY				
Anderson Valley	\$65,000 to >\$110,000	\$25,000 to \$40,000		
Inland Mendocino	\$25,000 to \$50,000	\$10,000 to \$20,000		
LAKE COUNTY				
All	\$25,000 to \$50,000	\$10,000 to \$20,000		

Sources: American AgCredit, Terrain

Wrap Up

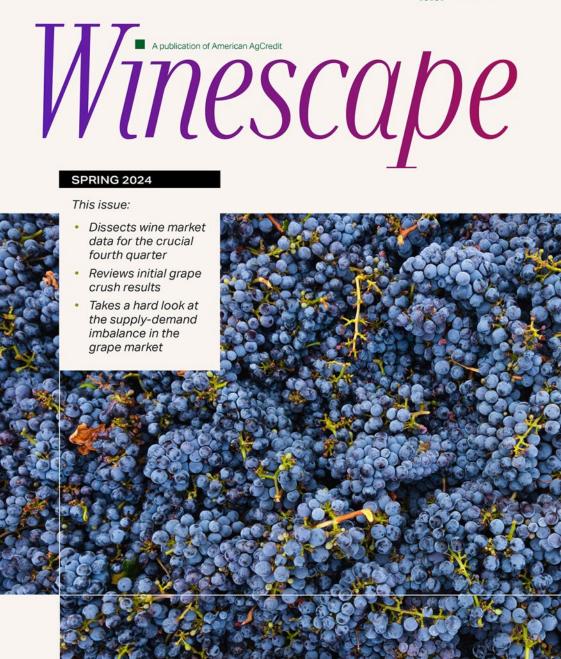


Terrain

Sign up for Winescape



SCAN ME









Matt Clark

Senior Rural Economic Analyst mclark@terrainag.com

Chris Bitter

Senior Wine & Grape Analyst cbitter@terrainag.com

Thank You

.





Terrain is an offering of American AgCredit®

terrainag.com

