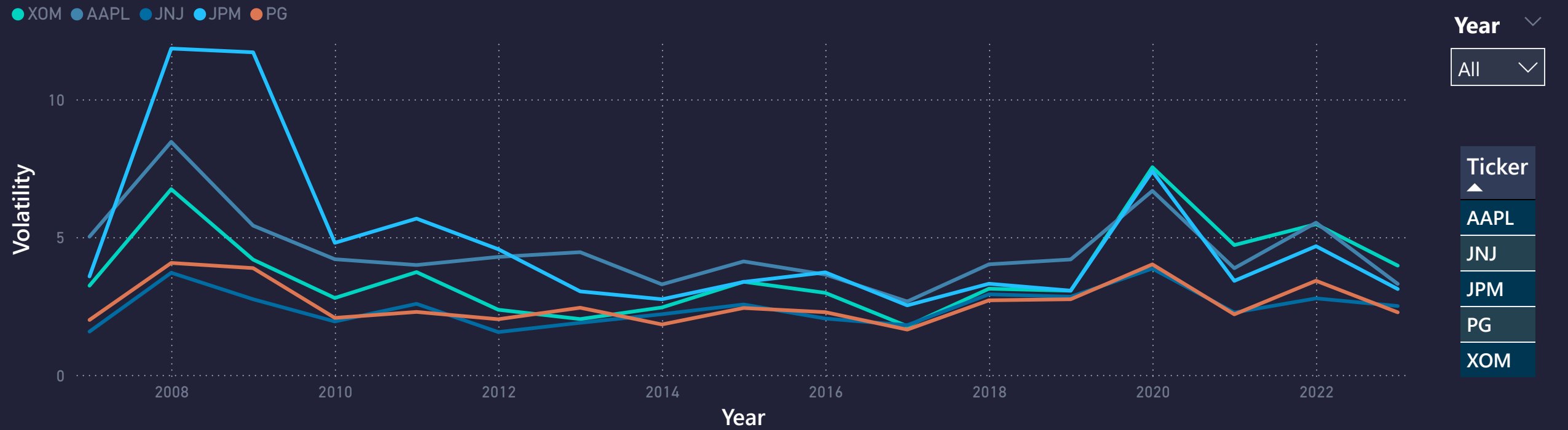


30-Day Rolling Volatility

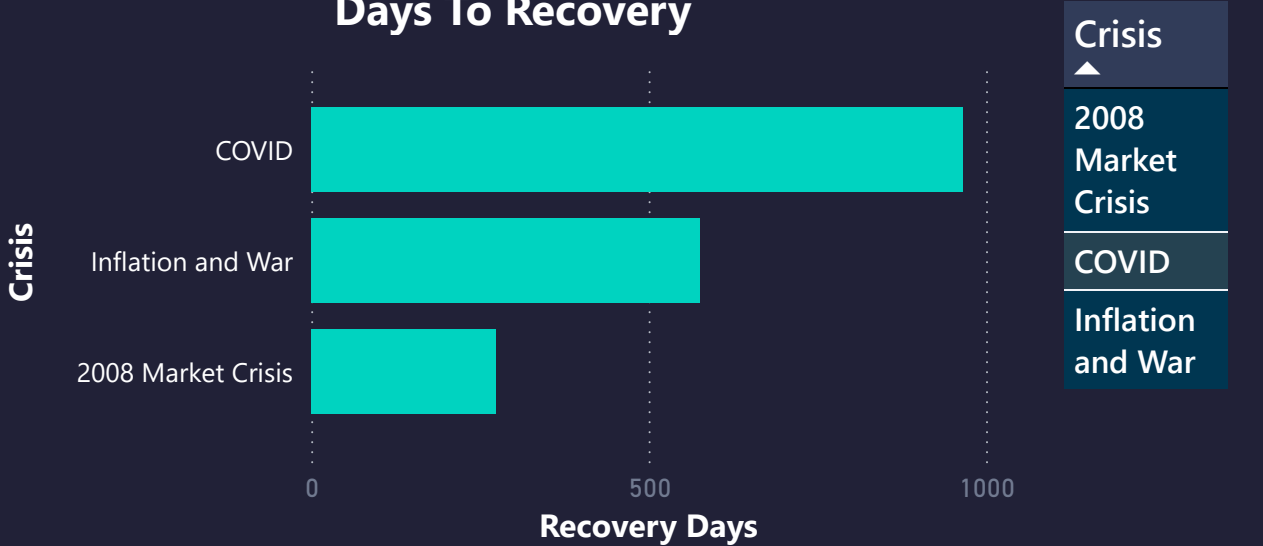


Stock Resilience Scores Across Global Crises

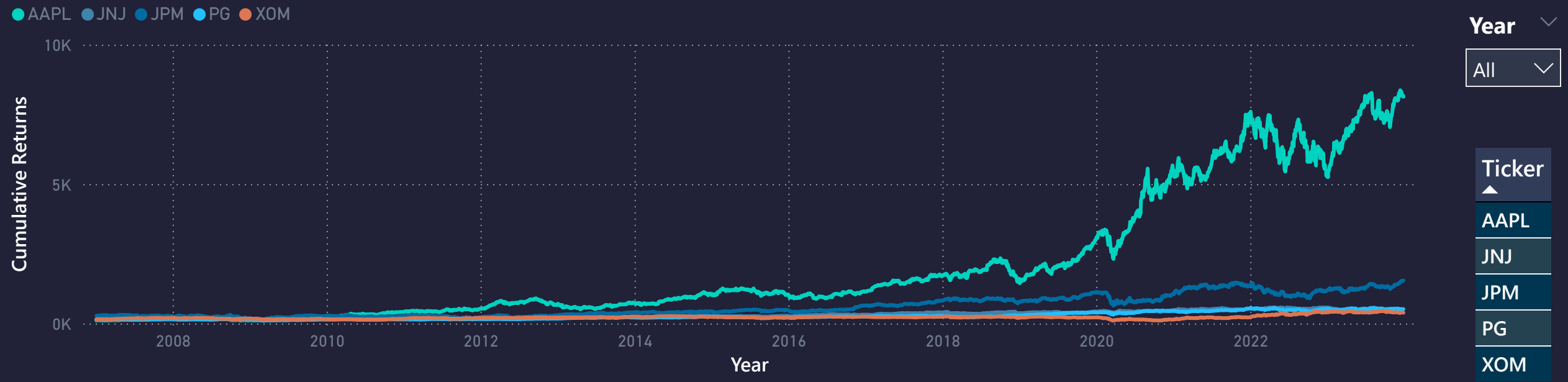
Higher values indicate stronger relative performance during crisis periods. Colors are scaled per crisis.

Ticker	2008 Market Crisis	COVID	Inflation and War Crisis	Total
JPM	0.50	0.37	0.00	0.87
AAPL	0.11	0.82	0.42	1.34
XOM	1.00	0.00	1.00	2.00
PG	0.92	0.89	0.69	2.50
JNJ	0.99	0.93	0.76	2.68

Days To Recovery



Cumulative Stock Returns



Daily Stock Prices Across Sectors

