Dimensional

OUTSIDE THE FLAGS

By Jim Parker Vice President DFA Australia Limited



The China Syndrome

The recent severe volatility in China's share markets has raised questions among many investors about the causes of the fall and the wider implications for the global economy and markets.

The Shanghai Composite Index—the mainland stock market barometer and one dominated overwhelmingly by retail investors—more than doubled during the year from mid-2014, only to lose more than 30% of its value between mid-June and mid-July this year.

The volatility was much less in Hong Kong, where foreign investors tend to get their exposure to China. The Hang Seng Index fell about 17% from April's seven-year high, though it had a more modest run-up in the prior year of about 25%.

Nevertheless, the speed and scale of the fall on the Chinese mainland markets unsettled global markets, fuelling selling in equities, industrial commodities, and allied currencies like the Australian dollar and buoying perceived safe havens such as US Treasuries and the Japanese yen.

The decline in Chinese stocks triggered repeated interventions by China's government, which has been seeking to transition the economy from a long-lasting, export-led boom toward more sustainable growth based on domestic demand.

Investors naturally are concerned about what the volatility in the Chinese market means for their own investments and what it might signify for the global economy, particularly given the rapid growth of China in the past 20 years.

SHARE MARKET VS. ECONOMY

Measured in terms of purchasing power parity (which takes into account the relative cost of local goods), the Chinese economy is now the biggest in the world, ranking ahead of the US, India, Japan, Germany, and Russia.¹

Yet China's share market is still relatively small in global terms. It makes up just 2.6% of the MSCI All Country World Index, which takes into account the proportion of a company's shares that are available to be traded by the public.

^{1.} IMF World Economic Outlook, April 2015.

The Chinese market is also not a large part of the local economy. According to Bloomberg, it is capitalized at less than 60% of the country's GDP. By comparison, the US total equity market is capitalized at more than 100% of US GDP as of July 2015, according to Bloomberg.

China is classified by some index providers as an emerging market. These are markets that fall short of the definition of developed markets on a number of measures such as economic development, size, liquidity, and property rights.

China's stock market is still relatively young. The two major national exchanges, Shanghai and the southern city of Shenzhen, were established only in 1990 and have grown rapidly since then as China has industrialized.

With foreign participation in mainland Chinese markets still heavily restricted, many foreign investors have sought exposure to China through Hong Kong or China shares listed on the New York Stock Exchange.

As a consequence, domestic investors account for about 90% of the activity on the Chinese mainland market. And even then, the participation is relatively narrow. According to a China household finance survey, only 37 million, or 8.8% of Chinese families, held shares as of June 2015.² As a comparison, just over half of all Americans own stocks, according to Gallup. In Australia, the proportion is 36%.

While the Chinese stock market is about 30% off its June highs, it nevertheless was still about 70% higher than it was 12 months before, as of late July 2015. As such, much of the pain of the recent falls will have been felt by people who entered the market in the past year.

A final point of perspective is that while the Chinese economy has been slowing, it is still expanding at around 7% per annum, which is more than twice the rate of most developed economies.

The IMF in April projected growth would slow to 6.8% this year and to 6.3% in 2016. Still, it expects structural reforms and lower oil and commodity prices to expand consumeroriented activities, partly buffering the slowdown.³ While such forecasts are subject to change, markets have priced in the risk of a further slowdown to what was previously expected, as seen in the renewed fall in the prices of commodities like copper and iron ore, which recently hit six-year lows.

DRIVERS OF THE BOOM

The Chinese share market boom of the past year cannot be attributed to a single factor, but certainly two major influences have been the Chinese government's promotion of share ownership and investors' increased use of leverage.

The government has been seeking to achieve more sustainable, balanced, and stable economic growth after nearly four decades of China notching up heady annual growth rates averaging 10% on the back of an official investment boom.

But the transition to a shareholding economy has created its own strains. The outstanding balance of margin loans on the Shanghai and Shenzhen markets grew to 4.4% of market capitalization by early July, according to Bloomberg.⁴

Under a margin loan, investors borrow to invest in shares or other securities. While this can potentially increase their return, it also exposes them to the potential of bigger losses in the event of a market downturn.

When prices fall below a level set by the lender as part of the original agreement, the investor is called to deposit more money or sell stock to repay the loan. These margin call liquidations can amplify falling markets.

Chinese regulators, mindful of the potential fallout from the stock market drop, have instituted a number of measures to curb the losses and cushion the impact on the real economy.

These have included a reduction in official interest rates, suspension of initial public offerings, and enlisting brokerages to buy stocks backed by cash from the central bank. In the latest move, regulators banned holders of more than 5% of a company's stock from selling for six months.

The government also has begun an investigation into short selling, which involves selling borrowed stock to take

^{2. &}quot;China Households Raise Housing Investment in Q2," Reuters, July 9, 2015.

^{3.} IMF World Economic Outlook, April 2015.

^{4. &}quot;China's Stock Plunge Leaves Market More Leveraged than Ever," Bloomberg, July 6, 2015.

advantage of falling prices. In the meantime, about half of the companies listed on the two major mainland exchanges were granted applications for their shares to be suspended.

While such interventionist measures may seem alien to people in developed market economies, they need to be seen in the context of China's status as an emerging market where governments typically play a more active role in the economy.

Whether the intervention works in the long term remains to be seen. But the important point is that this is a relatively immature market dominated by domestic investors and prone to official intervention.

SUMMARY

The re-emergence of China as a major force in the global economy has been one of the most significant drivers of markets in the past decade and a half.

China's rapid industrialization as the population urbanized drove strong demand for commodities and other materials. Investment and property boomed as credit expanded and people took advantage of gradual liberalization.

Now, China is entering a new phase of modernization. The government and regulators are seeking to rebalance growth and bring to maturity the country's still relatively undeveloped capital markets.

Nevertheless, China remains an emerging market with all the additional risks that this status entails. Navigating these markets can be complex. There can be particular challenges around regulation and restrictions on foreign investment.

We have seen those risks appearing in recent weeks, as about a third of the sharp rise in the Chinese mainland market over the previous year was unwound in a matter of weeks, prompting intense government intervention.

Markets globally are weighing the wider implications, if any, of this correction. We have seen concurrent weakness in other equity markets and falls in commodity prices and related currencies.

Yet it is important to understand that the stock market is not the economy. China's market is only about 2.6% of global market cap and its volatile mainland exchanges are, for the most part, out of bounds for foreign investors anyway.

For individual investors, the best course in this climate, as always, is to maintain diversification and discipline and remember that markets accommodate new information instantaneously.



"Outside the Flags" began as a weekly web column on Dimensional Fund Advisors' website in 2006. The articles are designed to help fee-only advisors communicate with their clients about the principles of good investment—working with markets, understanding risk and return, broadly diversifying and focusing on elements within the investor's control—including portfolio structure, fees, taxes, and discipline. Jim's flags metaphor has been taken up and recognized by Australia's corporate regulator in its own investor education program.

Past performance is not a guarantee of future results. Indices are not available for direct investment. Diversification does not eliminate the risk of market loss. There is no guarantee investment strategies will be successful. International investing involves special risks such as currency fluctuation and political instability. Investing in emerging markets may accentuate these risks.

All expressions of opinion are subject to change. This article is distributed for informational purposes, and it is not to be construed as an offer, solicitation, recommendation, or endorsement of any particular security, products, or services.

Dimensional Fund Advisors LP is an investment advisor registered with the Securities and Exchange Commission.

dimensional.com

