What is Happening with Housing? (Part Two)

Joe Lavorgna Chief US Economist SMBC Nikko, Inc.

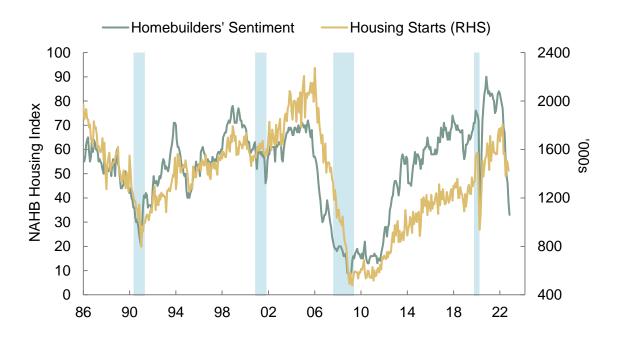
(212) 893-1528 joseph.lavorgna@smbcnikko-si.com November 21, 2022



Decline in Housing Starts Has a Ways to Go

Last week we discussed the state of the housing market. As demonstrated, the housing sector is in freefall, negatively shocked by a historic increase in mortgage rates. Why does this matter? It matters because housing is a leading indicator of the broader economy and sometimes the financial market.

The National Association of Homebuilders' (NAHB) sentiment index plunged five points in November to 33, the lowest reading since April 2020. Since this series leads housing starts by approximately nine months, the latter is set to fall further. The latest NAHB figures are consistent with starts around 1 million annualized units, down more the 40% from their current level.



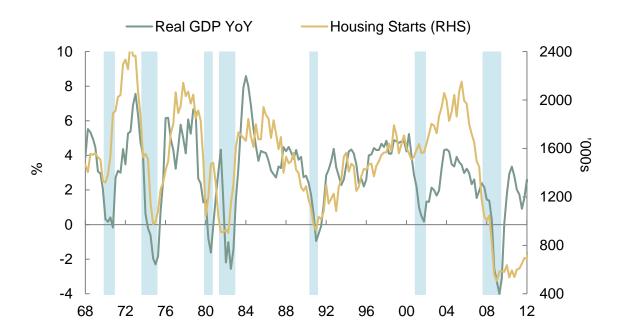
Source: Haver, NAHB, SMBC Nikko



So Goes Housing So Goes the Economy

Declining starts are an ominous sign for the broader economy. As illustrated in the chart below, underlying real GDP growth has closely tracked the trend in housing starts. If the latter fall as much as the NAHB series suggests, 2023 recession probability will remain elevated. Moreover, declining starts are also an ominous sign for stock prices.

Housing starts are sometimes a leading indicator of financial markets, but even when they are not, the two series tend to bottom around the same time. This matters because the NAHB data point to fresh lows in housing starts next year. Consequently, there is a meaningful risk that the stock market has not yet troughed for this business cycle.



Source: Haver, SMBC Nikko



Starts and Stocks Tend to Bottom Around the Same Time

In the table below, we show the peaks and troughs trough in housing starts and the S&P 500 since 1960. In some cycles, starts bottomed before stocks (1970, 1981 and 2001) while in other cycles, starts bottomed just one month (1980 and 2009) or two months (1960 and 1975) after stocks. The only time that starts missed the mark was 1991 when they bottomed three months after equities. This sets up a troubling backdrop for the stocks if housing still has significant further downside to come. Stay tuned.

What is the Time from Housing Bottom to Stock Market Bottom?

<u>Bu</u>	ısiness Cycle Trougl	<u>1s</u>
Housing Starts SPX 500	Dec-60 Oct-60	2m lag
Housing Starts SPX 500	Jan-70 Jun-70	5m lead
Housing Starts SPX 500	Feb-75 Dec-74	2m lag
Housing Starts SPX 500	May-80 Apr-80	1m lag
Housing Starts SPX 500	Nov-81 Aug-82	9m lead
Housing Starts SPX 500	Jan-91 Oct-90	3m lag
Housing Starts SPX 500	Oct-01 Oct-02	12m lead
Housing Starts SPX 500	Apr-09 Mar-09	1m lag

Source: Haver, SMBC Nikko



Disclaimer

This presentation is for discussion purposes only and is not intended to be an offer to sell or the solicitation of an offer to buy any securities, or any commitment to underwrite, subscribe for or place any securities, is not an offer or commitment to provide any financing or extension of credit or service, and does not contain any tax or legal advice. This presentation has been prepared by SMBC Group (which may include, collectively or individually, any of the following entities in the Americas Division: Sumitomo Mitsui Banking Corporation ("SMBC"), SMBC Nikko Securities America, Inc. ("SMBC Nikko"), SMBC Nikko Securities Canada, Ltd. ("Nikko Canada"), SMBC Capital Markets, Inc. ("SMBC-CM"), SMBC Leasing and Finance, Inc., JRI America, Inc., and SMBC Rail Services LLC) and is being furnished by SMBC Group solely for use by the client or potential client to whom such materials are directly addressed and delivered. This presentation is confidential, and is the property of SMBC Group subject to copyright. Any reproduction of this presentation, in whole or in part, is prohibited, and you may not release these materials to any person, except to your advisors and professionals to assist you in evaluating these materials, provided that they are obligated, by law or agreement, to keep the presentation confidential. These materials do not constitute research, a recommendation or an offer or solicitation to any person to enter into any transaction or adopt any hedging, trading or investment strategy. Prior to participating in any such transaction, you should consult your own independent, competent, legal, tax, accounting and other professional advisors.

In preparing this presentation, SMBC Group has relied upon information available from third parties, including public sources, and we have assumed, without independent verification, the accuracy and completeness of such information. Specific prices, indices or measures, including ranges, listed in this document were prepared at the time the document was prepared, and are subject to change without notice. SMBC Group makes no representations to and does not warrant this presentation's accuracy or completeness. SMBC Group expressly disclaims any liability for any use of the information set forth herein, including, without limitation, any use of the information set forth herein in the preparation of financial statements or accounting material.

These materials may contain forward looking statements, which may include projections, forecasts, income estimates, yield or return, future performance targets or similar analysis. These forward looking statements are based upon certain assumptions. All forward looking statements are based upon currently available information and SMBC Group is not obligated to provide an update. Actual events may differ from those assumptions. Opinions, projections, price/yield information and estimates are subject to change without notice. There can be no assurance that estimated returns or projections will be realized, that forward looking statements will materialize or that actual results will not be materially lower than those presented. Past performance is not necessarily indicative of future results. Any transactions or strategies addressed may not be suitable for all parties. The value, price or income from transactions or strategies may fall as well as rise. SMBC Group or an affiliate may have a position in any of the underlying instruments, assets, indices or rates mentioned in this document. You should make your own independent judgment or seek independent financial and tax advice with respect to any matter contained herein.

SMBC is subject to Japanese firewall regulations and therefore absent client consent, non-public client information may not be shared with SMBC Nikko Securities Inc.

SMBC Nikko is a US registered broker-dealer of SMBC Group. Nikko Canada is a US and Canadian registered broker-dealer of SMBC Group. SMBC-CM is provisionally registered as a US swap dealer with the CFTC. Capital markets and other investment banking activities for SMBC Group are performed by a combination of SMBC Nikko, Nikko Canada, SMBC Nikko Securities Inc. and SMBC-CM. Lending and other commercial banking activities are performed by SMBC and its banking affiliates. Derivative activities may be performed by SMBC-CM or SMBC. SMBC Group deal team members may also be employees of any of the foregoing entities. SMBC Group does not provide tax advice. Accordingly, any discussion of U.S. tax matters contained herein (including any attachments) is not intended or written to be used, and cannot be used, in connection with the promotion, marketing or recommendation by anyone unaffiliated with SMBC Group or for the purpose of avoiding U.S. tax-related penalties. © 2020 SMBC Group. All rights reserved.

