

Tales From the Emerging World

The Era After the Coronavirus

ACTIVE FUNDAMENTAL EQUITY | GLOBAL EMERGING MARKETS TEAM | MACRO INSIGHT | 2020

When we hear forecasters talking about how the new coronavirus will “change everything,” we look back at previous pandemics and ask what, if anything, did those crises change? The deadliest ever was the Spanish Flu, and it did nothing to slow the outpouring of relief after the end of World War I, or the pace of the “Roaring 20s” that followed. The Asian Flu of 1957 and the Hong Kong Flu of 1968, also much deadlier than the coronavirus so far, were largely forgotten, even by those who lived through them.

This pandemic is different, not so much for the nature of the virus but for the government effort to control it, with sweeping lockdowns and massive stimulus programs to keep economies alive. By coincidence, these unprecedented moves arrived at a time when the world was already shutting its doors to cross-border flows of people, money and goods, struggling to promote investment and raise productivity, and increasingly addicted to debt and bailouts as a tool to keep growth alive.

So while we don’t see the coronavirus changing “everything,” we do see it rapidly accelerating a worldwide turn inward that has been underway since the global financial crisis of 2008. Populists have an urgent new reason to close borders they wanted shut anyway. What we have called the Four Ds—deglobalization of trade and finance, depopulation including slowing immigrant flows, declining productivity and rising government debt—are all getting a huge push from the pandemic.

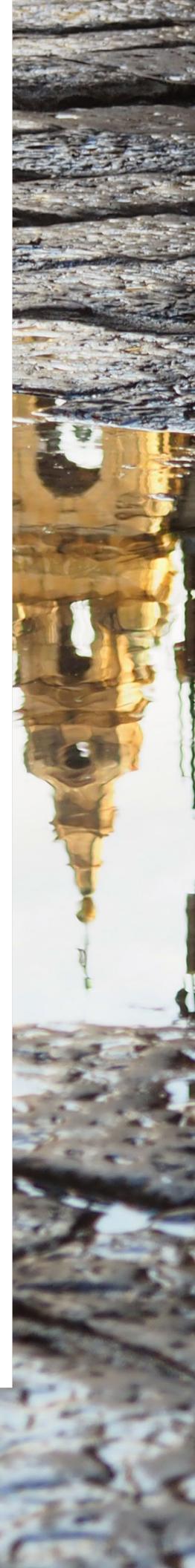
Deglobalization has been driven by the rise of populist leaders, who feel more emboldened than ever to bash foreigners and foreign trade, casting outsiders now as a threat to public health. Donald Trump has amped up his anti-global, anti-trade, anti-China rhetoric, and his advisers have cast the pandemic as proof that

AUTHOR



RUCHIR SHARMA

Head of Emerging Markets and
Chief Global Strategist



he was right all along about the need to bring manufacturing back to U.S. shores. Inspired by rising costs in China and a growing desire to protect supply lines from shocks like the pandemic, so far this year 75 companies have announced plans to move production to the United States, capped by a deal to build a \$12 billion semiconductor plant in California.¹

Anti-global, anti-China rhetoric is growing more strident in many nations, from India and Brazil to Britain and even France, which had been a last redoubt of globalism under President Emmanuel Macron. A recent survey covering 12 global industries found that companies in ten of them, including autos, semiconductors and medical equipment, are moving or planning to move their manufacturing operations, which in most cases will mean out of China.²

Growing twice as fast as the global economy before 2008, global trade has struggled to keep pace since, and is now in free fall. Global trade is projected to fall around 15 percent in 2020—at least three times the expected fall in economic

output—and the extent of the post-virus recovery could be dampened by more divisive trade politics.³ Trade fell as a share of global GDP from 60 percent in 2007 to 59 percent at the start of this year and is now headed toward 53 percent.⁴

The world's debts are heading in the opposite direction. After 1980, a combination of falling interest rates and financial deregulation set off a global explosion in lending which—by the eve of the 2008 crisis—had tripled the world's debt burden to more than three times global economic output.⁵ Now, massive stimulus programs are driving up government debt in particular and central banks will have little choice but to monetize large parts of these unsustainable debt burdens.

In early May, when we pointed out how stimulus programs are bulking up the markets, the United States had announced new fiscal spending in response to the pandemic equal to 8 percent of GDP. Now that figure alone is 12 percent of GDP. Automatic stabilizers could add close to another 3 percent, and loan guarantees

another 19 percent. For its part, the Fed's aggressive intervention to prop up the debt markets will likely add a sum equal to 17 percent of GDP to its balance sheet.⁶

There seems to be a consensus across political parties that somehow the debts these programs entail are necessary emergency measures, which is fair enough, and won't have long-term consequences, which is nonsense. In past Tales we have laid out the case for how, ever since inflation was whipped in the early 1980s, central banks have pursued easy money policies in good times and bad. This easy money culture has fueled the rise of monopolies and of a new class of "zombie" companies that survive by constantly taking on new debt.

Monopolies and zombies both tend to be relatively unproductive, and their rise helps explain why productivity growth has been slumping worldwide. In OECD (Organisation for Economic Co-operation and Development) countries, the average productivity growth rate fell to less than 1 percent after the global financial crisis, down from around 2 percent in the two previous decades.⁷ Zombies were already surviving for longer and longer in their distressed condition before the pandemic hit and now, with all the new loans and loan guarantees, they may be on the verge of immortality.

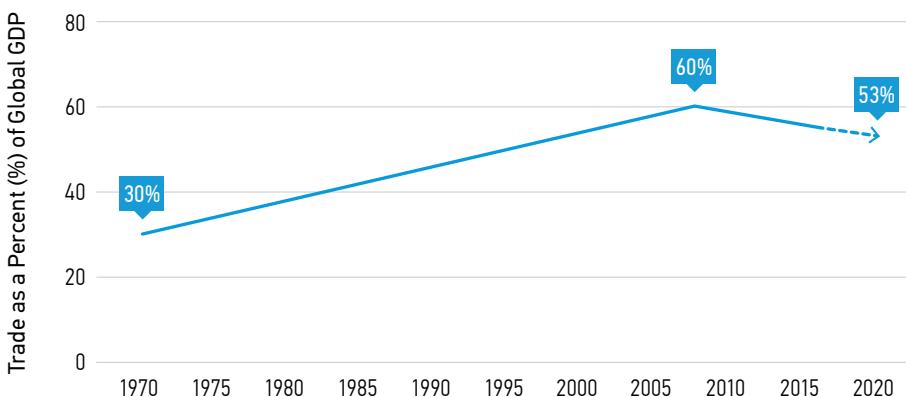
Historically, productivity has accounted for about half of economic growth, population the other half. And population growth has also been slumping since just before the 2008 crisis, driven down mainly by the lagged effect of falling birth rates, but also by growing hostility to immigration.⁸ Though many populist presidents and prime ministers have been particularly quick to shut out foreigners during the pandemic, it is likely that opposition to open borders will remain popular for some time after the virus passes.

The accelerating turn inward has broad implications for investors, including

DISPLAY 1

Deglobalization

After Booming for Decades, Trade Flows Peaked in 2008



Source: MSIM, World Bank, Haver Analytics. Data as of December 31, 2018. Forecast calculation based on IMF forecasts. Forecasts are based on current market conditions, subject to change, and may not necessarily come to pass.

¹ Cornerstone Macro as of May 2020.

² Bank of America as of February 2020.

³ CLSA and JP Morgan as of April 2020.

⁴ MSIM, World Bank, Haver Analytics. Forecast calculation based on IMF forecasts April 2020.

⁵ Michael Roscoe, U.S. Fed, BIS, Economist. Last data point as of Q2 2018, sourced via IIF Research. Note: Includes debt at all levels including household, corporate and government.

⁶ Goldman Sachs as of May 2020.

⁷ OECD, "Labor productivity growth of OECD countries." As of December 2019.

⁸ World Bank, United Nations as of 2018. Productivity measured as residual of Labor Force Growth vs. GDP Growth.

the likely return of inflation. For many decades, inflation has been held in check by heightened global competition, growing labor forces, and the rise of the internet, which wiped out the middleman in one industry after another. These checks were so powerful, even the flood of liquidity unleashed by central banks in response to the crisis of 2008 did not reignite inflation—at least not in consumer prices, which is what central bankers focus on. There was massive asset price inflation.

Now, not only is deglobalization picking up speed, but central banks assume that because unleashing a wave of liquidity did not trigger consumer price inflation after 2008, they can unleash a far larger wave without serious inflation risk. Even as the longstanding checks on inflation erode. But deglobalization means less competition.

Falling birth and immigration rates foretell labor shortages.⁹ Declining productivity points to higher production costs. And rising government debt levels raise the risk of central banks printing more money to finance the deficits.

Of course, the pandemic is also accelerating the tech boom, which is still disinflationary in nature. With the lockdowns forcing people to work, study, shop and play at home, the traffic on a leading business conference app is up thirtyfold, a leading food delivery app is up sevenfold, digital classrooms and telemedicine sites up fourfold. Digital games makers, which see themselves as platform companies—creators of 3D digital environments that combine entertainment and commerce—have by some measures grown fastest of all.

But the quickening tech surge is the last surviving check on consumer prices, and probably not strong enough to counter the forces that portend the return of classical inflation. The markets, by various measures including inflation-indexed bonds, are priced for zero inflation. We think inflation is just playing dead, ready to reemerge under the right circumstances.

Its return in the post-coronavirus era would bring a market surprise with dramatic implications, portending the end of easy money, which could finally force many zombies into bankruptcy and dampen investment in healthy corporations, while boding well for traditional inflation plays like commodities and gold. This return won't unfold until the pandemic is truly behind us, but it is not too early to think about positioning for it.

Risk Considerations: There is no assurance that a portfolio will achieve its investment objective. Portfolios are subject to market risk, which is the possibility that the market values of securities owned by the portfolio will decline and that the value of portfolio shares may therefore be less than what you paid for them. Market values can change daily due to economic and other events (e.g. natural disasters, health crises, terrorism, conflicts and social unrest) that affect markets, countries, companies or governments. It is difficult to predict the timing, duration, and potential adverse effects (e.g. portfolio liquidity) of events. Accordingly, you can lose money investing in this portfolio. Please be aware that this portfolio may be subject to certain additional risks. In general, **equities securities**' values also fluctuate in response to activities specific to a company. Investments in **foreign markets** entail special risks such as currency, political, economic, and market risks. The risks of investing in **emerging market countries** are greater than the risks generally associated with investments in foreign developed countries. **Stocks of small- and medium-capitalization companies** entail special risks, such as limited product lines, markets, and financial resources, and greater market volatility than securities of larger, more-established companies. **Derivative instruments** can be illiquid, may disproportionately increase losses and may have a potentially large negative impact on the portfolio's performance. **Illiquid securities** may be more difficult to sell and value than public traded securities (liquidity risk). **Non-diversified portfolios** often invest in a more limited number of issuers. As such, changes in the financial condition or market value of a single issuer may cause greater volatility.

About Morgan Stanley Investment Management¹⁰

Morgan Stanley Investment Management, together with its investment advisory affiliates, has 718 investment professionals around the world and approximately \$584 billion in assets under management or supervision as of March 31, 2020. Morgan Stanley Investment Management strives to provide outstanding long-term investment performance, service and a comprehensive suite of investment management solutions to a diverse client base, which includes governments, institutions, corporations and individuals worldwide. For more information, please visit our website at www.morganstanley.com/im. This material is current as of the date specified, is for educational purposes only and does not contend to address the financial objectives, situation or specific needs of any individual investor.

⁹ United Nations as of December 31, 2018.

¹⁰ Assets under management as of March 31, 2020. Morgan Stanley Investment Management ("MSIM") is the asset management business of Morgan Stanley. Assets are managed by teams representing different MSIM legal entities; portfolio management teams are primarily located in New York, Philadelphia, London, Amsterdam, Hong Kong, Singapore, Tokyo and Mumbai offices. Figure represents Morgan Stanley Investment Management's total assets under management/supervision.

DEFINITIONS: **Gross Domestic Product (GDP)** is the monetary value of all the finished goods and services produced within a country's borders in a specific time period. It includes all private and public consumption, government outlays, investments and net exports.

IMPORTANT DISCLOSURES: The views and opinions are those of the author as of the date of publication and are subject to change at any time due to market or economic conditions and may not necessarily come to pass. Furthermore, the views will not be updated or otherwise revised to reflect information that subsequently becomes available or circumstances existing, or changes occurring, after the date of publication. The views expressed do not reflect the opinions of all portfolio managers at Morgan Stanley Investment Management (MSIM) or the views of the firm as a whole, and may not be reflected in all the strategies and products that the Firm offers.

Forecasts and/or estimates provided herein are subject to change and may not actually come to pass. Information regarding expected market returns and market outlooks is based on the research, analysis and opinions of the authors. These conclusions are speculative in nature, may not come to pass and are

not intended to predict the future performance of any specific MSIM product. Certain information herein is based on data obtained from third party sources believed to be reliable. However, we have not verified this information, and we make no representations whatsoever as to its accuracy or completeness. The information herein is a general communications which is not impartial and has been prepared solely for information and educational purposes and does not constitute an offer or a recommendation to buy or sell any particular security or to adopt any specific investment strategy. The material contained herein has not been based on a consideration of any individual client circumstances and is not investment advice, nor should it be construed in any way as tax, accounting, legal or regulatory advice. To that end, investors should seek independent legal and financial advice, including advice as to tax consequences, before making any investment decision.

Past performance is no guarantee of future results.

This communication is not a product of Morgan Stanley's Research Department and should not be regarded as a research recommendation. The information contained herein has not been prepared in accordance with legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research.

There is no guarantee that any investment strategy will work under all market conditions, and each investor should evaluate their ability to invest for the long-term, especially during periods of downturn in the market. Prior to investing, investors should carefully review the strategy's/product's relevant offering document. There are important differences in how the strategy is carried out in each of the investment vehicles.

DISTRIBUTION: This communication is only intended for and will only be distributed to persons resident in jurisdictions where such distribution or availability would not be contrary to local laws or regulations.

Ireland: Morgan Stanley Investment Management (Ireland) Limited. Registered Office: The Observatory, 7-11 Sir John Rogerson's Quay, Dublin 2, Ireland. Registered in Ireland under company number 616662. Regulated by the Central Bank of Ireland. **United Kingdom:** Morgan Stanley Investment Management Limited is authorised and regulated by the Financial Conduct Authority. Registered in England. Registered No. 1981121. Registered Office: 25 Cabot Square, Canary Wharf, London E14 4QA. **Dubai:** Morgan Stanley Investment Management Limited (Representative Office, Unit Precinct 3-7th Floor-Unit 701 and 702, Level 7, Gate Precinct Building 3, Dubai International Financial Centre, Dubai, 506501, United Arab Emirates. Telephone: +97 (0)14 709 7158).

Germany: Morgan Stanley Investment Management Limited Niederlassung Deutschland, Grosse Gallusstrasse 18, 60312 Frankfurt am Main, Germany (Gattung: Zweigniederlassung (FDI) gem. § 53b KWG). **Italy:** Morgan Stanley Investment Management Limited, Milan Branch (Sede Secondaria di Milano) is a branch of Morgan Stanley Investment Management Limited, a company registered in the UK, authorised and regulated by the Financial Conduct Authority (FCA), and whose registered office is at 25 Cabot Square, Canary Wharf, London, E14 4QA. Morgan Stanley Investment Management Limited Milan Branch (Sede Secondaria di Milano) with seat in Palazzo Serbelloni Corso Venezia, 16 20121 Milano, Italy, is registered in Italy with company number and VAT number 08829360968. **The Netherlands:** Morgan Stanley Investment Management, Rembrandt Tower, 11th Floor Amstelplein 11096HA, Netherlands. Telephone: 312-0462-1300. Morgan Stanley Investment Management is a branch office of Morgan Stanley Investment Management Limited. Morgan Stanley Investment Management Limited is authorised and regulated by the Financial Conduct Authority in the United Kingdom. **Switzerland:** Morgan Stanley & Co. International plc, London, Zurich Branch Authorised and regulated by the Eidgenössische Finanzmarktaufsicht ("FINMA"). Registered with the Register of Commerce Zurich CHE-115.415.770. Registered Office: Beethovenstrasse 33, 8002 Zurich, Switzerland, Telephone +41(0) 44 588 1000. Facsimile Fax: +41(0)44 588 1074.

U.S.: A separately managed account may not be appropriate for all investors. Separate accounts managed according to the Strategy include a number of securities and will not necessarily track the performance of any index. Please consider the investment objectives, risks and fees of the Strategy carefully before investing. A minimum asset level is required. For important information about the investment manager, please refer to Form ADV Part 2.

Please consider the investment objectives, risks, charges and expenses of the funds carefully before investing. The prospectuses contain this and other information about the funds. To obtain a prospectus please download one at morganstanley.com/im or call 1-800-548-7786. Please read the prospectus carefully before investing.

Morgan Stanley Distribution, Inc. serves as the distributor for Morgan Stanley Funds.

NOT FDIC INSURED | OFFER NO BANK GUARANTEE | MAY LOSE VALUE | NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY | NOT A BANK DEPOSIT

Hong Kong: This document has been issued by Morgan Stanley Asia Limited for use in Hong Kong and shall only be made available to "professional investors" as defined under the Securities and Futures Ordinance of Hong Kong (Cap 571). The contents of this document have not been reviewed nor approved by any

regulatory authority including the Securities and Futures Commission in Hong Kong. Accordingly, save where an exemption is available under the relevant law, this document shall not be issued, circulated, distributed, directed at, or made available to, the public in Hong Kong. **Singapore:** This publication should not be considered to be the subject of an invitation for subscription or purchase, whether directly or indirectly, to the public or any member of the public in Singapore other than (i) to an institutional investor under section 304 of the Securities and Futures Act, Chapter 289 of Singapore ("SFA"), (ii) to a "relevant person" (which includes an accredited investor) pursuant to section 305 of the SFA, and such distribution is in accordance with the conditions specified in section 305 of the SFA; or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In particular, for investment funds that are not authorized or recognized by the MAS, units in such funds are not allowed to be offered to the retail public; any written material issued to persons as aforementioned in connection with an offer is not a prospectus as defined in the SFA and, accordingly, statutory liability under the SFA in relation to the content of prospectuses does not apply, and investors should consider carefully whether the investment is suitable for them. This publication has not been reviewed by the Monetary Authority of Singapore. **Australia:** This publication is disseminated in Australia by Morgan Stanley Investment Management (Australia) Pty Limited ACN: 122040037, AFSL No. 314182, which accepts responsibility for its contents. This publication, and any access to it, is intended only for "wholesale clients" within the meaning of the Australian Corporations Act.

Japan: For professional investors, this document is circulated or distributed for informational purposes only. For those who are not professional investors, this document is provided in relation to Morgan Stanley Investment Management (Japan) Co., Ltd. ("MSIMJ")'s business with respect to discretionary investment management agreements ("IMA") and investment advisory agreements ("IAA"). This is not for the purpose of a recommendation or solicitation of transactions or offers any particular financial instruments. Under an IMA, with respect to management of assets of a client, the client prescribes basic management policies in advance and commissions MSIMJ to make all investment decisions based on an analysis of the value, etc. of the securities, and MSIMJ accepts such commission. The client shall delegate to MSIMJ the authorities necessary for making investment. MSIMJ exercises the delegated authorities based on investment decisions of MSIMJ, and the client shall not make individual instructions. All investment profits and losses belong to the clients; principal is not guaranteed. Please consider the investment objectives and nature of risks before investing. As an investment advisory fee for an IAA or an IMA, the amount of assets subject to the contract multiplied by a certain rate (the upper limit is 2.20% per annum (including tax)) shall be incurred in proportion to the contract period. For some strategies, a contingency fee may be incurred in addition to the fee mentioned above. Indirect charges also may be incurred, such as brokerage commissions for incorporated securities. Since these charges and expenses are different depending on a contract and other factors, MSIMJ cannot present the rates, upper limits, etc. in advance. All clients should read the Documents Provided Prior to the Conclusion of a Contract carefully before executing an agreement. This document is disseminated in Japan by MSIMJ, Registered No. 410 (Director of Kanto Local Finance Bureau (Financial Instruments Firms)), Membership: the Japan Securities Dealers Association, The Investment Trusts Association, Japan, the Japan Investment Advisers Association and the Type II Financial Instruments Firms Association.

IMPORTANT INFORMATION: EMEA: This marketing communication has been issued by Morgan Stanley Investment Management Limited ("MSIM"). Authorised and regulated by the Financial Conduct Authority. Registered in England No. 1981121. Registered Office: 25 Cabot Square, Canary Wharf, London E14 4QA. Any index referred to herein is the intellectual property (including registered trademarks) of the applicable licensor. Any product based on an index is in no way sponsored, endorsed, sold or promoted by the applicable licensor and it shall not have any liability with respect thereto.

Charts and graphs provided herein are for illustrative purposes only.

The information contained in this communication is not a research recommendation or 'investment research' and is classified as a 'Marketing Communication' in accordance with the applicable European or Swiss regulation. This means that this marketing communication (a) has not been prepared in accordance with legal requirements designed to promote the independence of investment research (b) is not subject to any prohibition on dealing ahead of the dissemination of investment research.

MSIM has not authorised financial intermediaries to use and to distribute this document, unless such use and distribution is made in accordance with applicable law and regulation. Additionally, financial intermediaries are required to satisfy themselves that the information in this document is suitable for any person to whom they provide this document in view of that person's circumstances and purpose. MSIM shall not be liable for, and accepts no liability for, the use or misuse of this document by any such financial intermediary.

The whole or any part of this work may not be reproduced, copied or transmitted or any of its contents disclosed to third parties without MSIM's express written consent.

All information contained herein is proprietary and is protected under copyright law.

Morgan Stanley Investment Management is the asset management division of Morgan Stanley.

Explore our site at www.morganstanley.com/im