

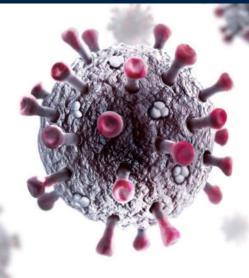
MEGATRENDS

THE IMPACT OF COVID-19

PGIM's perspectives on what trends have accelerated or decelerated due to the COVID-19 pandemic

ACCELERATED TRENDS





TECHNOLOGY DISRUPTION

HEALTHCARE GOING VIRTUAL

Global lockdowns during COVID accelerated adoption of virtualized healthcare apps and regimes.

TECHNOLOGY DISRUPTION

NEED FOR TECH INFRASTRUCTURE

As online professional and personal lives expanded during COVID, the need for tech infrastructure – such as cloud computing, data centers and fiberoptic networks – escalated.



TECHNOLOGY DISRUPTION

GROWING E-COMMERCE

With the boom in online shopping during the pandemic, there is a growing need for warehouses and distribution centers – especially in regions where e-commerce had not yet been widely adopted.





EVOLVING BUSINESS MODELS

FIRMS GOING WEIGHTLESS

With a wide range of businesses going virtual for the first time during the pandemic, adoption of remote working tools and platforms expanded rapidly.

TECHNOLOGY DISRUPTION

BIOTECH AND GENETIC INNOVATIONS

The rapid creation of mRNA vaccines for COVID has sped up the development of vaccines for other ailments and diseases.





EMERGING MARKETS

LEAPFROGGING INTO THE DIGITAL AGE

Unencumbered by legacy systems, EMs were rapidly adopting virtual technology and online service platforms before COVID. The pandemic certainly accelerated this trend.

SEE DECELERATED TRENDS >



DECELERATED TRENDS



AGING POPULATION

COVID DAMPENS BABY BOOMERS' INTEREST IN CITY LIVING

The pandemic highlighted many of the disadvantages of living in highly urban population centers.

EMERGING MARKETS

ECONOMIC TURMOIL SLOWS GROWTH OF EM MIDDLE CLASS

Rising inflation, ongoing waves of infections and strict lockdowns have dragged on economic growth across EMs and slowed the rise of the middle class there.



EMERGING MARKETS

E-COMMERCE SURGE SLOWS BRICK & **MORTAR EXPANSION**

The surging adoption of e-commerce has considerably dampened the need for shopping malls as consumer behavior shifts online.

GLOBALIZATION

RETHINKING GLOBAL SUPPLY CHAINS

Rampant disruptions in production and shipments during and following COVID lockdowns caused many governments and firms to insist on more localized supply chains. In addition, companies working towards simplifying their supply chains are more resilient and responsible.





THE PURSUIT OF OUTPERFORMANCE

For Professional Investor Use Only. All investments involve risks including possible loss of principal. Past performance is not indicative of future results.

The information contained herein is provided by PGIM, Inc., the principal asset management business of Prudential Financial, Inc. (PFI), and an investment adviser registered with the US Securities and Exchange Commission. PFI of the United States is not affiliated in any manner with Prudential plc, incorporated in the United Kingdom or with Prudential Assurance Company, a subsidiary of M&G plc, incorporated in the United Kingdom.

In the United Kingdom and various European Economic Area jurisdictions, information is issued by PGIM Limited with registered office: Grand Buildings, 1-3 Strand, Trafalgar Square, London, WC2N 5HR) is authorised and regulated by the Financial Conduct Authority of the United Kingdom (registration number 193418) and duly passported in various jurisdictions in the EEA. These materials are issued to persons who are professional clients or eligible counterparties as defined in Directive 2014/65/EU (MIFIDII), investing for their own account, for funds of funds or discretionary clients. In Singapore, information is issued by PGIM (Singapore) Pte. Ltd. (PGIM Singapore), a Singapore investment manager that is licensed as a capital markets service licence holder by the Monetary Authority of Singapore and an exempt financial adviser (registration number: 199404146N). These materials are issued by PGIM Singapore for the general information of "institutional investors" pursuant to Section 304 of the Securities and Futures Act, Chapter 289 of Singapore (the "SFA") and "accredited investors" and other relevant persons in accordance with the conditions specified in Section 305 of the SFA. In Japan, information is presented by PGIM Japan, Co. Ltd., ("PGIM Japan"), a registered Financial Instruments Business Operator with the Financial Services Agency of Japan. In South Korea, information is issued by PGIM, Inc., which is licensed to provide discretionary investment management services directly to South Korean qualified institutional investors on a cross-border basis. In Hong Kong, information is presented by representatives of PGIM (Hong Kong) Limited, a regulated entity with the Securities and Futures Commission in Hong Kong to professional investors as defined in Part 1 of Schedule 1 of the Securities and Futures Ordinance. PGIM, Inc. is exempt from the requirement to hold an Australian Financial Services License under the Corporations Act 2001 in respect of financial services. PGIM, Inc. is exempt by virtue of its regulation by the Securities and Exchange Commission under the laws of the United States of America, including applicable state laws and the application of ASIC Class Order 03/1100. The laws of the United States of America differ from Australian laws.

The video is for informational or educational purposes only. The information is not intended as investment advice and is not a recommendation about managing or investing assets. In providing these materials, PGIM is not acting as your fiduciary.

The video represents the views, opinions and recommendations of the author(s) regarding the economic conditions, asset classes, securities, issuers or financial instruments referenced herein. Distribution of this information to any person other than the person to whom it was originally delivered and to such person's advisers is unauthorized, and any reproduction of these materials, in whole or in part, or the divulgence of any of the contents hereof, without prior consent of PGIM is prohibited. Certain information contained herein has been obtained from sources that PGIM believes to be reliable as of the date presented; however, PGIM cannot guarantee the accuracy of such information, assure its completeness, or warrant such information will not be changed. The information contained herein is current as of the date of issuance (or such earlier date as referenced herein) and is subject to change without notice. PGIM has no obligation to update any or all of such information; nor do we make any express or implied warranties or representations as to the completeness or accuracy or accept responsibility for errors. These materials are not intended as an offer or solicitation with respect to the purchase or sale of any security or other financial instrument or any investment management services and should not be used as the basis for any investment decision. No risk management technique can guarantee the mitigation or elimination of risk in any market environment. Past performance is not a guarantee or a reliable indicator of future results and an investment could lose value. No liability whatsoever is accepted for any loss (whether direct, indirect, or consequential) that may arise from any use of the information contained in or derived from this report. PGIM and its affiliates may make investment decisions that are inconsistent with the recommendations or views expressed herein, including for proprietary accounts of PGIM or its affiliates. Any projections or forecasts presented herein are as of the date of this presentation and are subject to change without notice. Actual data will vary and may not be reflected here. Projections and forecasts are subject to high levels of uncertainty. Accordingly, any projections or forecasts should be viewed as merely representative of a broad range of possible outcomes. Projections or forecasts are estimated, based on assumptions, and are subject to significant revision and may change materially as economic and market conditions change. PGIM has no obligation to provide updates or changes to any projections or forecasts.

The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients or prospects. No determination has been made regarding the suitability of any securities, financial instruments or strategies for particular clients or prospects. For any securities or financial instruments mentioned herein, the recipient(s) of this report must make its own independent decisions.

© 2022 PFI and its related entities. PGIM, the PGIM Logo and the Rock symbol are service marks of PFI and its related entities, registered in many jurisdictions worldwide.