

All about stamina

Asia's economic prospects for 2021 and beyond



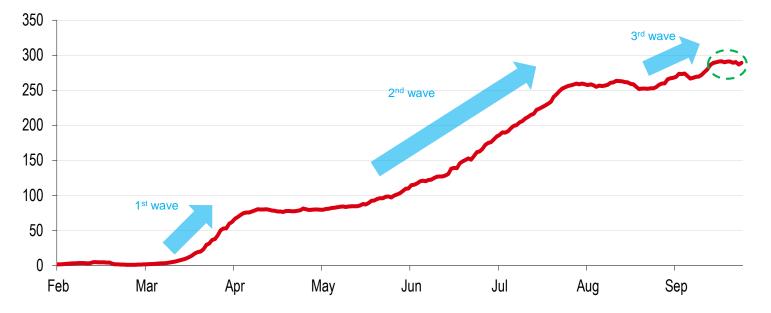
Frederic Neumann, PhD

Co-Head of Asia Economics Research The Hongkong and Shanghai Banking Corporation Limited fredericneumann@hsbc.com.hk +852 2822 4556 The Hongkong and Shanghai Banking Corporation Limited

Disclosures & Disclaimer: This report must be read with the disclosures and the analyst certifications in the Disclosure appendix, and with the Disclaimer, which forms part of it

Global COVID-19 infections still at record highs

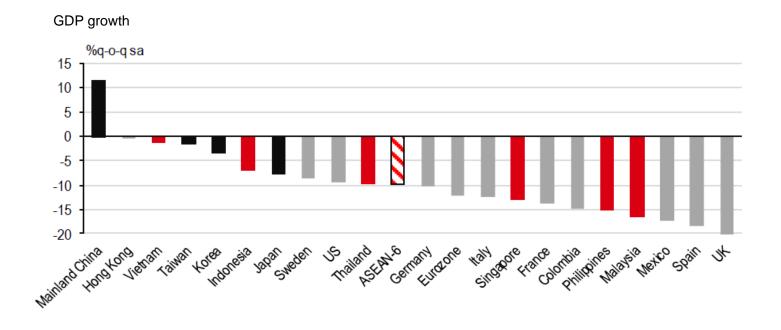
Daily new infections, 7dma (thousands)



Source: CEIC, HSBC



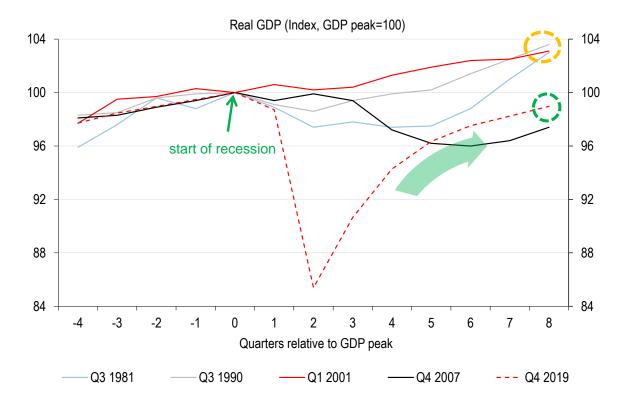
Northeast Asia outperformed in 2Q 2020, ASEAN mixed



Source: CEIC, HSBC



Projected path for US GDP compared to prior recessions



Source: US Bureau of Economic Analysis, HSBC path for red dashed line reflects actual data through Q1 2020, followed by HSBC forecast.



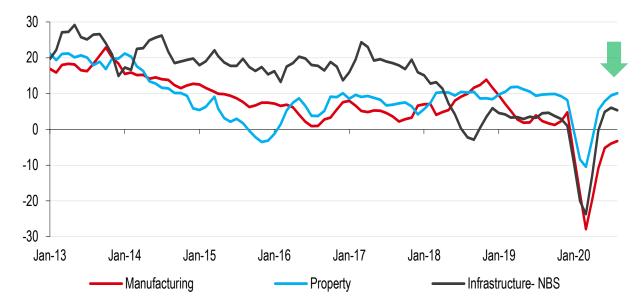
China: first in, first out





Property and infrastructure investment up sharply

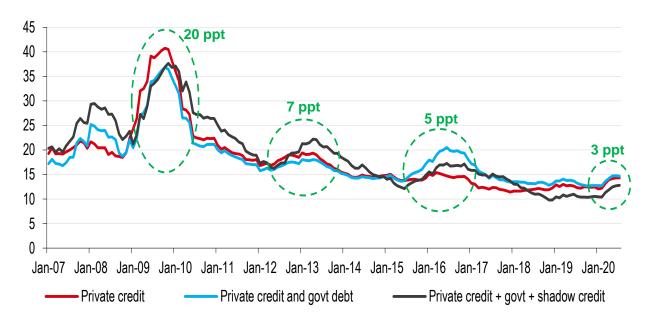
% y-o-y, 3mma





Source: CEIC, HSBC

China's fading credit impulse



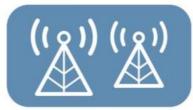
% у-о-у

Source: CEIC, HSBC



Mainland China: infrastructure priorities in this cycle

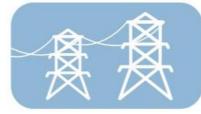
5G base stations



Big data centers



Ultra-high-voltage projects



Industrial internet



High-speed railway and intercity railway transit



New energy vehicle chargers



Artificial intelligence



Source: China Daily, HSBC



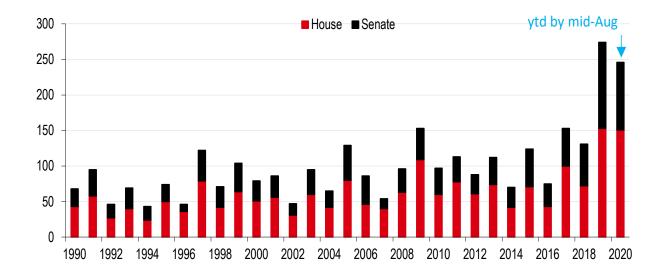
US-China trade tensions





US-China tensions to persist...

Number of China-related legislative proposals and resolutions introduced into US Congress

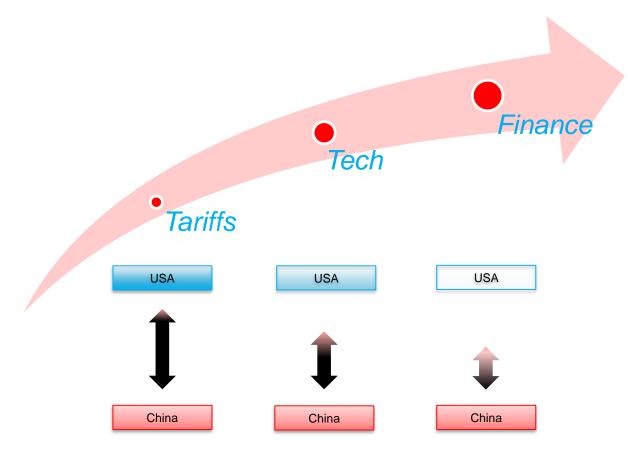


...annualized from mid-August, 2020 China legislative proposal on track to rise 30% over 2019

Source: US Congress, HSBC

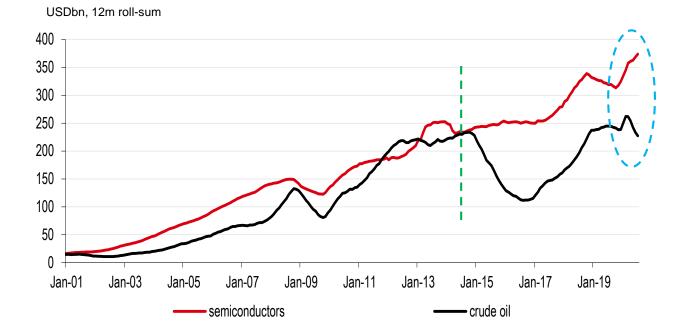


Where things are heading





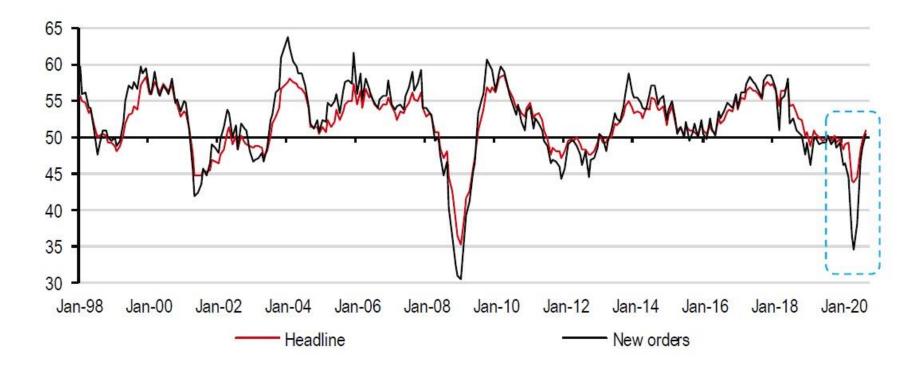
China is highly dependent on semiconductor imports



Source: CEIC, HSBC



Electronics PMIs new orders (index)



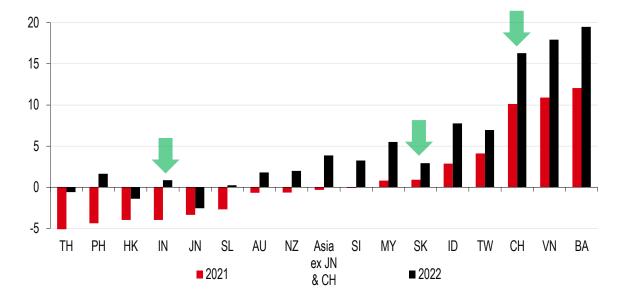
Source: Markit HSBC



All about stamina



Not everybody back above water next year



GDP growth between 2019 and 2021 and 2022 (%)

Source: CEIC, HSBC. Note: CH refers to mainland China.



Disclosure appendix

Analyst Certification

The following analyst(s), economist(s), or strategist(s) who is(are) primarily responsible for this report, including any analyst(s) whose name(s) appear(s) as author of an individual section or sections of the report and any analyst(s) named as the covering analyst(s) of a subsidiary company in a sum-of-the-parts valuation certifies(y) that the opinion(s) on the subject security(ies) or issuer(s), any views or forecasts expressed in the section(s) of which such individual(s) is(are) named as author(s), and any other views or forecasts expressed herein, including any views expressed on the back page of the research report, accurately reflect their personal view(s) and that no part of their compensation was, is or will be directly or indirectly related to the specific recommendation(s) or views contained in this research report: Frederic Neumann

Important disclosures

This document has been prepared and is being distributed by the Research Department of HSBC and is intended solely for the clients of HSBC and is not for publication to other persons, whether through the press or by other means.

This document is for information purposes only and it should not be regarded as an offer to sell or as a solicitation of an offer to buy the securities or other investment products mentioned in it and/or to participate in any trading strategy. Advice in this document is general and should not be construed as personal advice, given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. If necessary, seek professional investment and tax advice.

Certain investment products mentioned in this document may not be eligible for sale in some states or countries, and they may not be suitable for all types of investors. Investors should consult with their HSBC representative regarding the suitability of the investment products mentioned in this document and take into account their specific investment objectives, financial situation or particular needs before making a commitment to purchase investment products.

The value of and the income produced by the investment products mentioned in this document may fluctuate, so that an investor may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Value and income from investment products may be adversely affected by exchange rates, interest rates, or other factors. Past performance of a particular investment product is not indicative of future results.

HSBC and its affiliates will from time to time sell to and buy from customers the securities/instruments, both equity and debt (including derivatives) of companies covered in HSBC Research on a principal or agency basis or act as a market maker or liquidity provider in the securities/instruments mentioned in this report.



Analysts, economists, and strategists are paid in part by reference to the profitability of HSBC which includes investment banking, sales & trading, and principal trading revenues.

Whether, or in what time frame, an update of this analysis will be published is not determined in advance.

For disclosures in respect of any company mentioned in this report, please see the most recently published report on that company available at www.hsbcnet.com/research. HSBC Private Banking clients should contact their Relationship Manager for queries regarding other research reports. In order to find out more about the proprietary models used to produce this report, please contact the authoring analyst.

Additional disclosures

- 1 This report is dated as at 07 September 2020.
- 2 All market data included in this report are dated as at close 04 September 2020, unless a different date and/or a specific time of day is indicated in the report.
- 3 HSBC has procedures in place to identify and manage any potential conflicts of interest that arise in connection with its Research business. HSBC's analysts and its other staff who are involved in the preparation and dissemination of Research operate and have a management reporting line independent of HSBC's Investment Banking business. Information Barrier procedures are in place between the Investment Banking, Principal Trading, and Research businesses to ensure that any confidential and/or price sensitive information is handled in an appropriate manner.
- 4 You are not permitted to use, for reference, any data in this document for the purpose of (i) determining the interest payable, or other sums due, under loan agreements or under other financial contracts or instruments, (ii) determining the price at which a financial instrument may be bought or sold or traded or redeemed, or the value of a financial instrument, and/or (iii) measuring the performance of a financial instrument fund.



Disclaimer

Legal entities as at 1 September 2020

"UAE HSBC Bank Middle East Limited, JDFC; HSBC Bank Middle East Limited, Duba; "HK" The Hongkong and Shanghai Banking Corporation Limited, Hong Kong, "TW" HSBC Securities (Taiwan) Corporation Limited, 'CA' HSBC Securities (Canada) Inc.; HSBC France, S.A., Madrid, Milan, Stockholm; 'DE' HSBC Trinkaus & Burkhardt AG, Düsseldorf; 000 HSBC Bank (RR), Moscow; 'IN 'HSBC Securities and Capital Markets (India) Private Limited, Mumbai; 'JP' HSBC Securities (Japan) Limited, Tokyo; 'EG' HSBC Securities Egypt SAE, Cairo; 'GN' HSBC Investment Bank Asia Limited, Beijing Representative Office; The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch; The Hongkong and Shanghai Banking Corporation Limited, Socul Securities Branch; The Hongkong and Shanghai Banking Corporation Limited, Singapore Branch; The Hongkong and Shanghai Banking Corporation Limited, Socul Securities (USA) Inc, New York; HSBC Sauti Marking Labert Securities (Subar Mircia) (Hy) Li, Johannesburg; HSBC Bank; Dic Hondon, Tel Aviv; 'US' HSBC Securities (USA) Inc, New York; HSBC Sauti Tanch; HSBC Hongkong and Shanghai Banking Corporation Limited, Singapati Banking Corporation Limited, Singapati Banking Corporation Limited, Singapati Banking Corporation Limited, Singapati Banking Corporation Limited, New York; HSBC Bank; Dichonseburg; HSBC Bank; Bach; Dichonseburg; HSBC Bank; Dichonseburg; HSBC Bank; Dichonseb Issuer of report The Hongkong and Shanghai Banking Corporation Limited Level 19, 1 Queen's Road Central Hong Kong SAR Telephone: 4652 2843 9111 Fax: 4852 2801 4138 Website: www.research.hbbc.com

The Hongkong and Shanghal Banking Corporation Limited (HSBC) has issued this research material. The Hongkong and Shanghail Banking Corporation Limited is regulated by the Hong Kong Monetary Authority. If it is received by a customer of an affiliate of HSBC, its provision to the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to the terms of business in place between the recipient is subject to t

In the UK, this publication is distributed by HSBC Bank plc for the information of its Clents (as defined in the Rules of FCA) and those of its affiliates only. Nothing herein excludes or restricts any duty or liability to a customer which HSBC Bank plc has under the Financial Services and Markets Act 2000 or under the Rules of FCA and PRA. A recipient who chooses to deal with any person who is not a representative of HSBC Bank plc in the UK will not enjoy the protections afforded by the UK regulatory regime. HSBC Bank plc has under the Financial Conduct Authority and the Prudenial Regulation Authority. In Australia, this publication has been distributed by The Hongkong and Shanghai Banking Corporation Limited (ABN 65 117 25 270, ASL 301737) for the general information of its "wholesal" customers (as defined in the Corporations Act 2001). Where distributed to retail customers, this research is distributed by HSBC Bank Australia, this publication in stee end will hold all kinks (Corporation has been given to the particular investment objectives, financial situation or particular person or appropriate in accordance with local kinks. No consideration has been given to the particular investment objectives, financial situation or particular needs of any recipient. This publication in How Zeiland by The Hongkong and Shanghai Banking Corporation has been given to the particular investment objectives, financial situation or particular needs of any recipient. This publication is distributed in hew Xeiland by The Hongkong and Shanghai Banking Corporation limited (ABN 48.

This material is distributed in Japan by HBIC Securities (Japan) Limited. HBIC Securities (USA) Inc. accepts responsible) for the content of this research report prepared by its non-US foreign affiliate. The information contained herein is under no circumstance ato by this resort and intending of the content of this research report prepared by its non-US foreign affiliate. The information contained herein is under no circumstance ato by this non-US foreign affiliate. The information contained herein is under no circumstance ato by this insort of and intending of the costnet of this resort. In Kores, this publication is distributed by either The Hongkong and Shanghai Banking Corporation Limited. Securities (USA) Inc. in the UNHed States and nither (HBAP SEL) for the ageneral information of professional investors specified in Article 9 of the Financial Investment Services and Capital Markets Act (FSCMA). This publication is distributed by The Hongkong and Shanghai Banking Corporation Limited. Singapore Banch for the guenesal information of professional investors specified in Sections 274 and 304 of the Securities and Fulures Act (Chapter 280) (FSA) and accredited investors and other presons specified in Sections 274 and 305 of the SFA. Only EAPS Limited - SFA and accredited investors and other presons in accordance with the conditions specified in Sections 274 and 305 of the SFA. Only EAPS Limited - SFA. The Hongkong and Shanghai Banking Corporation Limited. Singapore Banch for the encipients au User of a Anzy So of the SFA. Only EAPS Limited - SFA. The Hongkong and Shanghai Banking Corporation Limited. Singapore Banch accepts lead in sections as defined in the SFA. The Hongkong and Shanghai Banking Corporation Limited. Singapore Banch accepts lead in sections approximation and accepts are information in the section of a section at the content of reports used and investors as defined in the SFA. The Hongkong and Shanghai Banking Corporation Limited. Singapore Banch for the enconteris of reports used as defined in

In Canada, this document has been distributed by HSBC Securities (Canada) inc. (member IIROC), and/or its affiliates. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada as inclusion and is not allored to its and its or tailored to its and its contained herein. As any any asses judgment, by assurities and schematication on the merits of the securities assortable herein, and any representation to the aneneeds of the recipient. No securities is construint or judget and the securities assortable herein, and any representation to the aneofferse. In Brazil, this document has been distributed by Banco HSBC SA. (HSBC Brazil'), and/or its affiliates. As required by Instruction No. 598/18 of the Securities and Exchange Commission of Brazil (Comissão de Valores Mobiliános), potential conflicts of interest concerning (i) HSBC Brazil and/or its affiliates; and equired by Instruction No. 598/18 of the Securities and Exchange Commission of Brazil (Comissão de Valores Mobiliános), potential conflicts of interest concerning (i) HSBC Brazil and/or its affiliates; and/or its affiliates; and equired bealed "HSBC Vazil and/or its affiliates; and/or its affiliates; and equired bealed "HSBC Vazil and/or its affiliates; and equired bealed "HSBC Vazil and/or its affiliates; and exchange Commission of Brazil (Comissão de Valores Mobiliános), potential conflicts of interest concerning (i) HSBC Brazil and/or its affiliates; and/or it

Any recommendations contained in it are intended for the professional investors to whom it is distributed. This material is not and should not be construed as an offer to self or the solicitation of an offer to purchase or subscribe for any investors to whom it is distributed. This material is not and should not be construed as an offer to self or the solicitation of an offer to purchase or subscribe for any investors. Expressions of a option are thoses. Expressions of a option are thoses of users are subject to change without notice. From time to time research analysts conduct site visits of covered issuers. HSBC policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits. The decision and responsibility on whether or not to invest must be taken by the reader. HSBC and is affiliates and/or their officers, directors and employees may have positions in any securities mentioned in this document (or in any related investment) and may from time to time add to or disposed any such accurities (or investem). HSBC and its affiliates may are therefore their directive of any companies document (or in related investment), and may from time to time add to a do co disposed any such accurities or promotion for any textores on a principal barry companies document (or investem). Howestments, may also and real also a dro y ado to or seek to perform banking or underwring commitment in the securities of any requires (or relating to those companies. This material may not be further distributed in whole or in part for any purpose. No consideration has been given to the particular investment objectives, financial situation or particular needs of an

If you are an HSBC Private Banking ("PB") customer with approval for receipt of relevant research publications by an applicable HSBC legal entity, you are eligible to receive this publication. To be eligible to receive such publications, you must have agreed to the applicable HSBC legal entity, you are eligible to receive this publication. To be eligible to receive such publications, you must have agreed to the applicable HSBC legal entity, you are eligible to receive this publication. To be eligible to receive such publications, you must have agreed to the applicable HSBC legal entity, you are eligible to receive this publication. To be eligible to receive such publications using the KRC. Distribution of this publication is the sole responsibility of the HSBC entity through which you will access research publications using the KRC. Distribution of this publication is the sole responsibility of the HSBC entity with whom you have agreed the KRC Terms.

If you do not meet the aforementioned eligibility requirements please disregard this publication and, if you are a customer of PB, please notify your Relationship Manager. Receipt of research publications is strictly subject to the KRC Terms, which can be found at https://research.privatebank.hsbc.com/ – we draw your attention also to the provisions contained in the Important Notes section therein.

© Copyright 2020, The Hongkong and Shanghai Banking Corporation Limited, ALL RIGHTS RESERVED. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, on any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of The Hongkong and Shanghai Banking Corporation Limited. ACI (P) 077/1/2/2019, MCI (P) 016/02/2020

