Caixin Global Webinar:



Rebooting the Economy Amid Coronavirus



Speaker:
Wang Tao, Chief China
Economist, UBS



Speaker:
Li Feng, Founding
Partner, FreeS Fund



Speaker:
Huang Shan, Deputy
Managing Editor,
Caixin Media



Moderator:
Li Zengxin, Deputy
General Manager, Caixin
Global

Caixin Global Webinar:

Rebooting the Economy Amid Coronavirus

Wang Tao

Chief China Economist, UBS





UBS Investment Research

Rebooting China's Economy

Tao Wang Chief China Economist Head of Asian Economic Research wang.tao@ubs.com / +852 2971 7525

February 2020

This document has been prepared by UBS Securities Asia Ltd, an affiliate of UBS AG (UBS).

UBS does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

ANALYST CERTIFICATION AND REQUIRED DISCLOSURES BEGIN ON SLIDE 12 www.ubs.com/investmentresearch



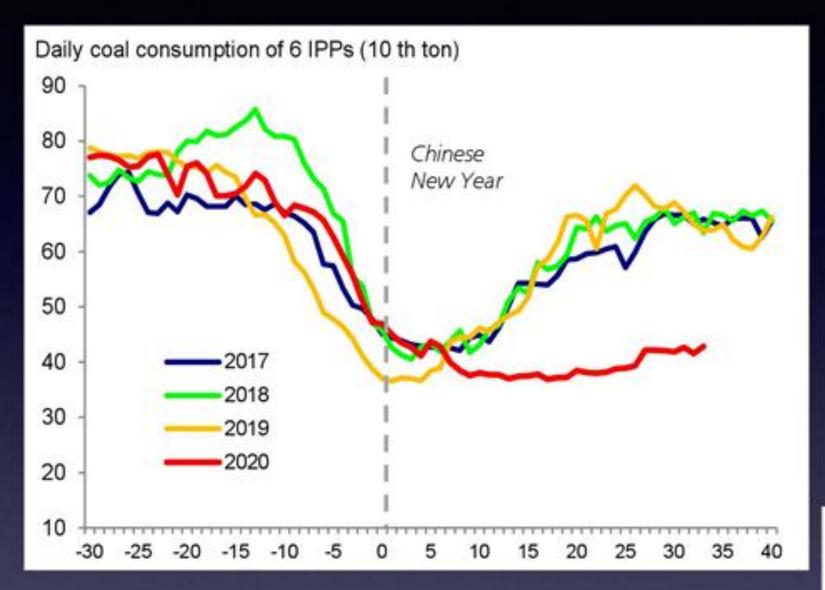


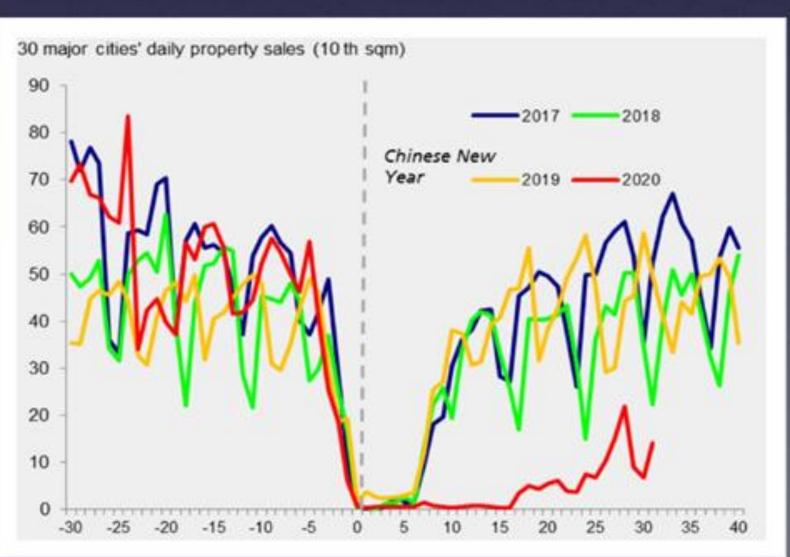
Coronavirus: Macro Impact on China

- Assuming it is controlled in Q1, growth hit will be largely in Q1. Downgrade Q1 to 3.8% y/y (-1.5% q/q), annual growth to 5.4%. More downside risk
- Consumption will be hurt more than investment and trade; travel, transport, hotel, restaurants biggest hit areas
- Possible production disruptions, and delays in exports/trade and investment. Expect strong rebound afterwards
- Corporate earnings will be hit, unemployment rate will rise
- See mixed impact on USDCNY and inflation, not changing forecast for now



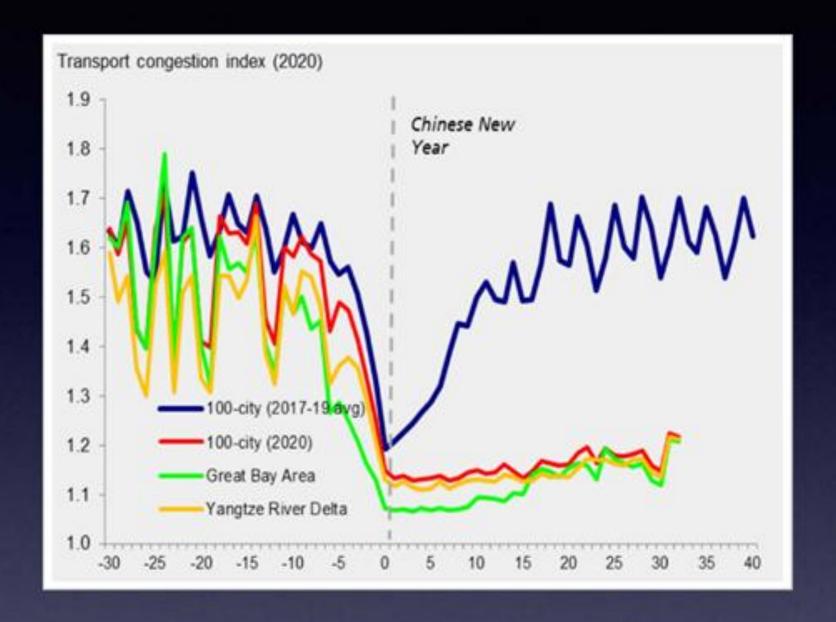
Activities remain subdued: I

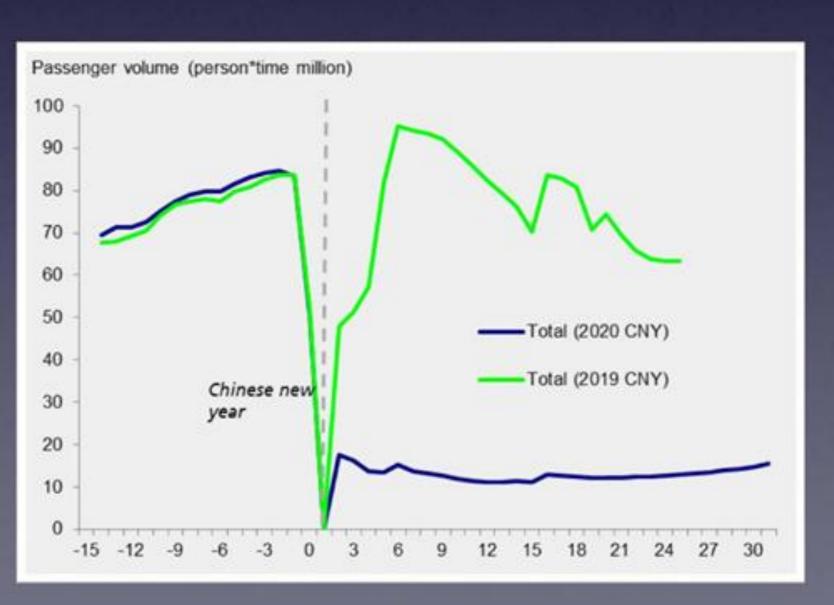






Activities remain subdued: II







Work resumption rate of selected provinces

Activity resumption ratio (%, as of latest)	Activity resumption ratio (%, as of 18-Feb)	Provincial share of China's GDP (%)
82.2% (21-Feb) 65% (I&C, 21-Feb)	60% (14-Feb) -	10.9%
80% (20-Feb)	65% (16-Feb)	10.1%
84.1% (20-Feb)	67.7% (14-Feb)	7.2%
>90% (24-Feb)	50% (16-Feb)	6.3%
>66% (Zhengzhou, 19-Feb))	30% (Henan, 13-Feb)	5.5%
83.7% (18-Feb) 86% (SOE, 18-Feb) 20% (POE, 19-Feb)	35.6% (13-Feb) 80% (SOE, 13-Feb)) -	4.7%
83.3% (21-Feb)	60% (16-Feb)	4.3%
46% (18-Feb)	42.3% (16-Feb)	4.0%
73% (19-Feb) >70% (I&C, 19-Feb) 80% (SOE, 19-Feb)	70% (manufacturing, 10-Feb) 80% (software, 10-Feb) 80% (SOE, 14-Feb)	3.9%
51.5% (18-Feb) Above 85% (SOE, 20-Feb)	40.4% (16-Feb)	3.8%
61.2% (19-Feb) ~100% (SOE, 12-Feb)	~90% (CBD, 12-Feb) ~100% (SOE, 12-Feb)	3.6%
75.1% (22-Feb) 81% (SOE, 20-Feb)	35% (10-Feb) -	3.6%
53.4% (24-Feb) 78% (SOE, 24-Feb)	- 44% (SOE, 13-Feb)	2.6%
83% (21-Feb) 83% (SOE, 21-Feb)	57.7% (13-Feb) -	2.5%
	(%, as of latest) 82.2% (21-Feb) 65% (I&C, 21-Feb) 80% (20-Feb) 84.1% (20-Feb) >90% (24-Feb) >66% (Zhengzhou, 19-Feb)) 83.7% (18-Feb) 86% (SOE, 18-Feb) 20% (POE, 19-Feb) 83.3% (21-Feb) 46% (18-Feb) >73% (19-Feb) >70% (I&C, 19-Feb) 80% (SOE, 19-Feb) 61.5% (18-Feb) Above 85% (SOE, 20-Feb) 61.2% (19-Feb) -100% (SOE, 12-Feb) 75.1% (22-Feb) 81% (SOE, 20-Feb) 53.4% (24-Feb) 78% (SOE, 24-Feb)	(%, as of latest) (%, as of 18-Feb) 82.2% (21-Feb) 60% (14-Feb) 65% (1&C, 21-Feb) - 80% (20-Feb) 65% (16-Feb) 84.1% (20-Feb) 67.7% (14-Feb) >90% (24-Feb) 50% (16-Feb) >66% (Zhengzhou, 19-Feb)) 30% (Henan, 13-Feb) 83.7% (18-Feb) 35.6% (13-Feb) 86% (SOE, 18-Feb) 80% (SOE, 13-Feb)) 20% (POE, 19-Feb) - 83.3% (21-Feb) 60% (16-Feb) 46% (18-Feb) 70% (manufacturing, 10-Feb) >70% (1&C, 19-Feb) 80% (software, 10-Feb) 80% (SOE, 19-Feb) 80% (SOE, 14-Feb) 51.5% (18-Feb) 40.4% (16-Feb) -00% (SOE, 12-Feb) - 61.2% (19-Feb) -90% (CBD, 12-Feb) -100% (SOE, 12-Feb) - 75.1% (22-Feb) 35% (10-Feb) 53.4% (24-Feb) - 78% (SOE, 24-Feb) 44% (SOE, 13-Feb) 83% (21-Feb) 57.7% (13-Feb)



Work resumption rate of selected industries

Sector	Activity resumption ratio (%)
Coal mines	76.5%(Feb 22)
Steel sector	67.4% (Feb 24)
Non-ferrous metal sectors	86.3% (Feb 24)
Grain production/processing	>70% (Feb 24)
Auto production	75% (Feb 19)
Auto dealer	Comprehensive-14.83% (employee-37.2%, sales-8%, aftersales service- 10.5%, Feb 24)
Carload freight	43.1% of Nov 2019 level (Feb 24)
Transportation - toll road	Corporate 28%; employee 44% (Feb 22)
Transportation - water	Corporate 41%; employee 68% (Feb 22)
Transportation - port	65%; all major ports are functioning normally (Feb 22)
Delivery	66.7%; major express delivery companies have resumed business (Feb 24)
Chain supermarket	>95% (Feb 22)
Major chain fast food stores	~90% (Feb 22)
Chain convenient stores	80% (Feb 22)
Shopping malls	50% (Feb 22)
Source: NDRC, SASAC, CAAM,	CADA, G7&Chemanman, Mysteel, media reports, UBS estimates

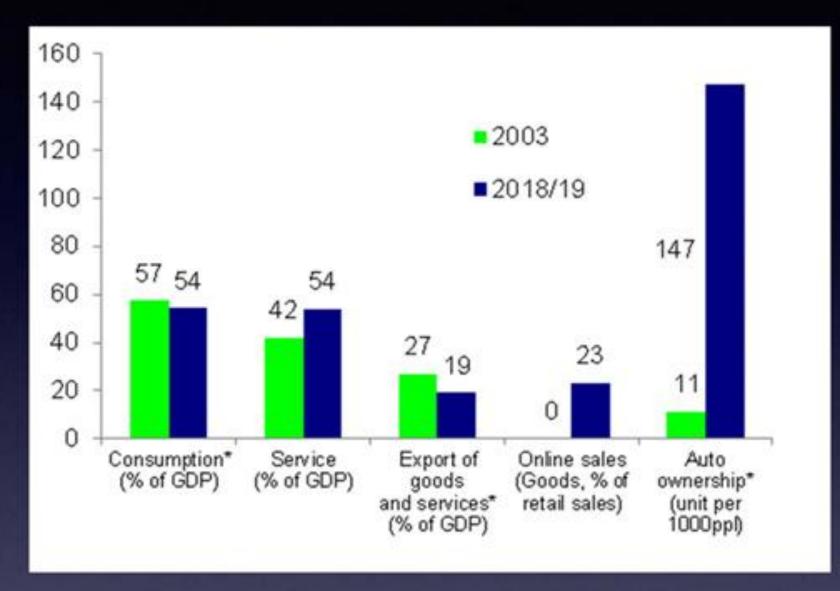


China's policy response

- Policy support has focused on liquidity provision, onlending/credit support, rate cut, tax/fee reduction, subsidies and other targeted support
- Expect additional RRR cuts, liquidity provision, 10 bps MLF cut.
 Expect increased spending on health care, and more infrastructure spending
- Allow for some local easing on property but no nationwide property stimulus
- Long-term growth trends and structural patterns should remain



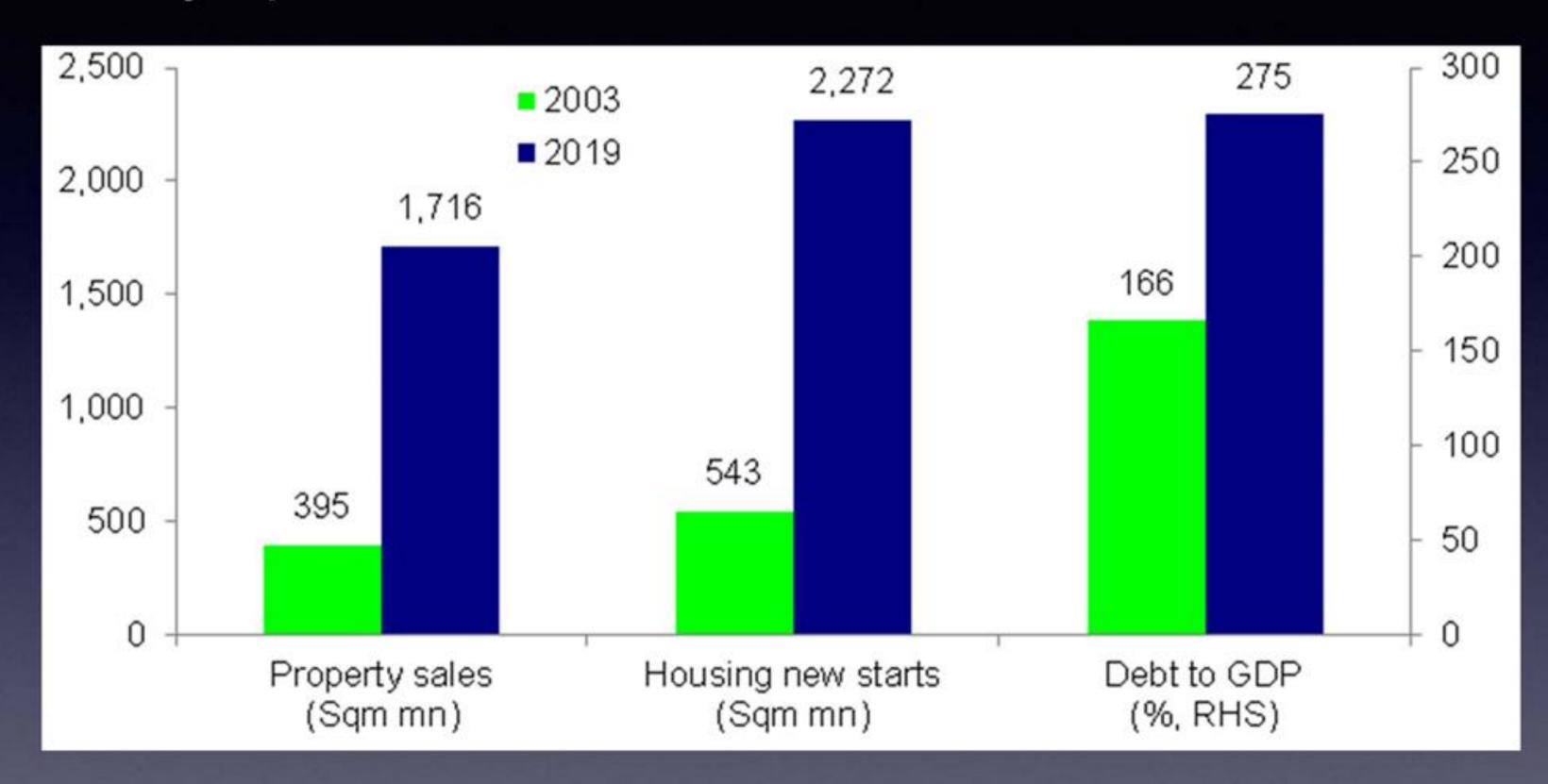
Some notable differences, 2003 and now







Policy space is more limited now





Impact on the rest of world

- Main channels of impact: tourism, trade, supply chain disruptions
- Hong Kong SAR, Singapore, Thailand likely hit most by tourism drop
- Taiwan region, S Korea, Australia, Japan: trade and supply chain impact
- Expect more policy easing from other central banks, and fiscal easing
- Expect US Fed to cut rates 3 times in 2020

Disclosures & Analyst Certification

Required Disclosures

This report has been prepared by UBS Securities Asia Ltd, an affiliate of UBS AG, UBS AG, its subsidiaries, branches and affiliates are referred to herein as UBS.

For information on the ways in which UBS manages conflicts and maintains independence of its research product; historical performance information; and certain additional disclosures concerning UBS research recommendations, please visit www.ubs.com/disclosures. The figures contained in performance charts refer to the past; past performance is not a reliable indicator of future results. Additional information will be made available upon request. UBS Securities Co. Limited is licensed to conduct securities investment consultancy businesses by the China Securities Regulatory Commission. UBS acts or may act as principal in the debt securities (or in related derivatives) that may be the subject of this report. This recommendation was finalized on: 26 February 2020 09:00 AM GMT. UBS has designated certain Research department members as Derivatives Research Analysts where those department members publish research principally on the analysis of the price or market for a derivative, and provide information reasonably sufficient upon which to base a decision to enter into a derivatives transaction. Where Derivatives Research Analysts co-author research reports with Equity Research Analysts or Economists, the Derivatives Research Analyst is responsible for the derivatives investment views, forecasts, and/or recommendations.

Analyst Certification: Each research analyst primarily responsible for the content of this research report, in whole or in part, certifies that with respect to each security or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about those securities or issuers and were prepared in an independent manner, including with respect to UBS, and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in the research report.

Research analysts contributing to this report who are employed by any non-US affiliate of UBS Securities LLC are not registered/qualified as research analysts with FINRA. Such analysts may not be associated persons of UBS Securities LLC and therefore are not subject to the FINRA restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account. The name of each affiliate and analyst employed by that affiliate contributing to this report, if any, follows.

UBS Securities Asia Ltd, an affiliate of UBS AG (UBS): Tao Wang

Unless otherwise indicated, please refer to the Valuation and Risk sections within the body of this report. For a complete set of disclosure statements associated with the companies discussed in this report, including information on valuation and risk, please contact UBS Securities LLC, 1285 Avenue of Americas, New York, NY 10019, USA, Attention: Investment Research.

Caixin Global Webinar:

Rebooting the Economy Amid Coronavirus

Li Feng

Founding Partner, FreeS Fund





How does Coronavirus impact the business world?

—— Li Feng, founding partner of FreeS Fund



Impact of the Coronavirus outbreak

- The degree of digitalization in various industries and consumers behavior has increased;
- online and offline integrates;
- the level of automation improves;
- the applications of Artificial Intelligence speed up.

E.g., retail, education, healthcare, corporate services



The possible macro-economic policy

- Economic stimulus policies (fiscal and monetary policies),
- 5G related and other infrastructure investments,
- technological innovation,
- consumer related stimulus, e.g., in automobile industry

Caixin Global Webinar:

Rebooting the Economy Amid Coronavirus

Huang Shan

Deputy Managing Editor, Caixin Media





How Coronavirus Outbreaks May Shape China's External Relations

—— Huang Shan, Deputy Managing Editor, Caixin Media



Caixin's Timeline in Reporting on Virus Outbreak in China

- 1. Ran stories (print and web-based) on a number of pneumonia cases linked to unknown pathogen early Janurary
- 2. Sent in advance team on Jan. 20 to the epicenter of the outbreak, which made Caixin one of the first Chinese media outlets to have reporters on the ground before the lockdown imposed on Jan. 23rd
- 3. Interviewed frontline medical workers to raise public awareness of the breadth and severity of the novel virus
- 4. Interviewed community worker to tell our readers what the life was like and how infections (including patients with mild symptoms or suspected patients) were screened and confirmed
- 5. Interviewed all stakeholders to see how medical supplies struggled to keep pace with the mounting demands in Wuhan and the rest of Hubei province
- 6. Draw attention to those who were left behind in the campaign against coronavirus, people who have chronic diseases, stranded migrant workers, and people living in senior nursing homes, among others
- 7. Repoting on the dilemma in balancing the urgent need to battle the virus and rivive the economy



How the epidemic speeds up changes that has been happening

Before the epidemic

- The trade war along with other structural factors has kicked off relocations of some manufacturing facilities from China
- The Chinese leadership has begun their shift of focus from the US to other regions, particularly the EU
- China has already increased its stakes in int'l institutions and been active in UNinitiated activities
- The landmark project BRI has been slowing down in the wake of criticisms over debt traps and one-sided favors to Chinese contractors

After the epidemic

- The epidemic has highlighted the risks with the concentration of supply chains in China and the MNCs will diversify their suppliers at a quicker clip
- China will accelarate its stragetic diversification and reduce its obsession with the US-China relations
- China will pursue closer int'l coordination with a focus on public health area, as evidenced by the intimate coordination between China and the WHO
- Stakeholders in the BRI including state-owned financial institutions and construction contractors will think twice before moving ahead. It calls for greater economic and financial sense to proceed with BRI projects











