

Global and China economic outlook Dong Tao

Vice Chairman

Greater China, Private Banking Asia Pacific

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11 Nov 2017

One day business in Tmall on 11 Nov 2017: CNY 168 bn One day sale by T-mall

11-Nov-17

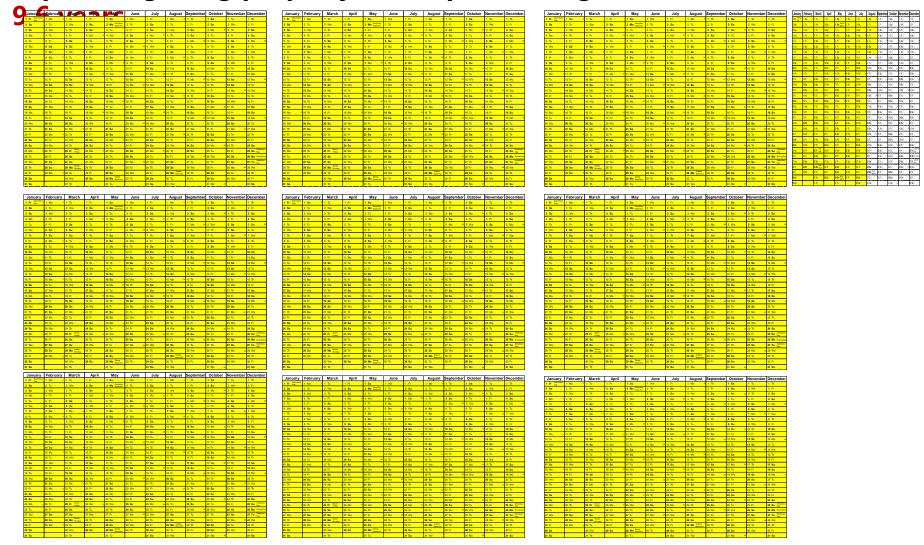
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Top 10 Chinese property developers average attributable

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361	Eub ary	Λ rch ∠	Ay il	ay	June	July	August	September		November	December
1 Fr Day	1 Mo 5	1 Tu	1 Fr	1 Su	1 We	1 Fr	1 Mo 31	1 Th	1 Sa	1 Tu	1 Th
2 Sa	2 Tu	2 We	2 Sa	2 Mo Early May Bank Hol.	2 Th	2 Sa	2 Tu	2 Fr	2 Su	2 We	2 Fr
3 Su	3 We	3 Th	3 Su	3 Tu	3 Fr	3 Su	3 We	3 Sa	3 Mo 40	3 Th	3 Sa
4 Mo	4 Th	4 Fr	4 Mo 14	4 We	4 Sa	4 Mo 27	4 Th	4 Su	4 Tu	4 Fr	4 Su
5 Tu	5 Fr	5 Sa	5 Tu	5 Th	5 Su	5 Tu	5 Fr	5 Mo 38	5 We	5 Sa	5 Mo 49
6 We	6 Sa	6 Su	6 We	6 Fr	6 Mo 23	6 We	6 Sa	6 Tu	6 Th	6 Su	6 Tu
7 Th	7 Su	7 Mo 10	7 Th	7 Sa	7 Tu	7 Th	7 Su	7 We	7 Fr	7 Mo 45	7 We
8 Fr	8 Mo 6	8 Tu	8 Fr	8 Su	8 We	8 Fr	8 Mo 32	8 Th	8 Sa	8 Tu	8 Th
9 Sa	9 Tu	9 We	9 Sa	9 Mo 19	9 Th	9 Sa	9 Tu	9 Fr	9 Su	9 We	9 Fr
10 Su	10 We	10 Th	10 Su	10 Tu	10 Fr	10 Su	10 We	10 Sa	10 Mo 4	10 Th	10 Sa
11 Mo 2	11 Th	11 Fr	11 Mo 15	11 We	11 Sa	11 Mo 28	11 Th	11 Su	11 Tu	11 Fr	11 Su
12 Tu	12 Fr	12 Sa	12 Tu	12 Th	12 Su	12 Tu	12 Fr	12 Mo 37	12 We	12 Sa	12 Mo 50
13 We	13 Sa	13 Su	13 We	13 Fr	13 Mo 24	13 We	13 Sa	13 Tu	13 Th	13 Su	13 Tu
14 Th	14 Su	14 Mo 11	14 Th	14 Sa	14 Tu	14 Th	14 Su	14 We	14 Fr	14 Mo 46	14 We
15 Fr	15 Mo 7	15 Tu	15 Fr	15 Su	15 We	15 Fr	15 Mo 33	15 Th	15 Sa	15 Tu	15 Th
16 Sa	16 Tu	16 We	16 Sa	16 Mo 20	16 Th	16 Sa	16 Tu	16 Fr	16 Su	16 We	16 Fr
17 Su	17 We	17 Th	17 Su	17 Tu	17 Fr	17 Su	17 We	17 Sa	17 Mo 42	17 Th	17 Sa
18 Mo	18 Th	18 Fr	18 Mo 16	18 We	18 Sa	18 Mo 29	18 Th	18 Su	18 Tu	18 Fr	18 Su
19 Tu	19 Fr	19 Sa	19 Tu	19 Th	19 Su	19 Tu	19 Fr	19 Mo 38	19 We	19 Sa	19 Mo 51
20 We	20 Sa	20 Su	20 We	20 Fr	20 Mo 25	20 We	20 Sa	20 Tu	20 Th	20 Su	20 Tu
21 Th	21 Su	21 Mo 2	21 Th	21 Sa	21 Tu	21 Th	21 Su	21 We	21 Fr	21 Mo 47	21 We
22 Fr	22 Mo 8	22 Tu	22 Fr	22 Su	22 We	22 Fr	22 Mo 34	22 Th	22 Sa	22 Tu	22 Th
23 Sa	23 Tu	23 We	23 Sa	23 Mo 21	23 Th	23 Sa	23 Tu	23 Fr	23 Su	23 We	23 Fr
24 Su	24 We	24 Th	24 Su	24 Tu	24 Fr	24 Su	24 We	24 Sa	24 Mo 43	24 Th	24 Sa
25 Mo	25 Th	25 Fr Good Friday	25 Mo #	25 We	25 Sa	25 Mo 30	25 Th	25 Su	25 Tu	25 Fr	25 Su Christmas Day
26 Tu	26 Fr	26 Sa	26 Tu	26 Th	26 Su	26 Tu	26 Fr	26 Mo 39	26 We	26 Sa	26 Mo Boxing Day
27 We	27 Sa	27 Su	27 We	27 Fr	27 Mo 26	27 We	27 Sa	27 Tu	27 Th	27 Su	27 Tu Substitute
28 Th	28 Su	28 Mo Easter Monday	28 Th	28 Sa	28 Tu	28 Th	28 Su	28 We	28 Fr	28 Mo 48	28 We
29 Fr	29 Mo 9	29 Tu	29 Fr	29 Su	29 We	29 Fr	29 Mo August Bank Hol.	29 Th	29 Sa	29 Tu	29 Th
30 Sa		30 We	30 Sa	30 Mo Spring Bank Hol.	30 Th	30 Sa	30 Tu	30 Fr	30 Su	30 We	30 Fr
31 Su		31 Th		31 Tu		31 Su	31 We		31 Mo 44		31 Sa

offer to buy or sell any interest ar any investment ted performance indications and financial market scenarios are not reliable.

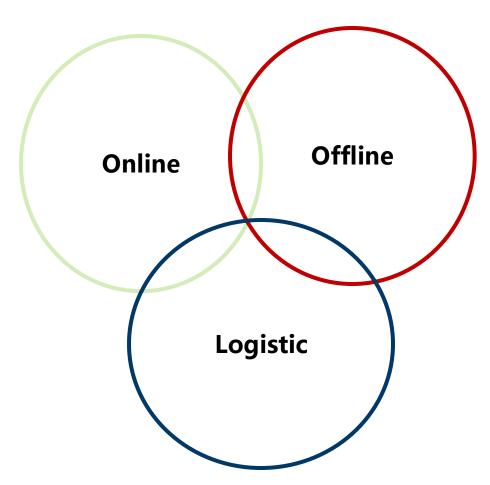
One day business in Tmall on 11 Nov 2017 Top 5 Hong Kong property developers average contracted sales in last





The real story: online - offline - logistics





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Source: Company data, Credit Suisse



Trade war?

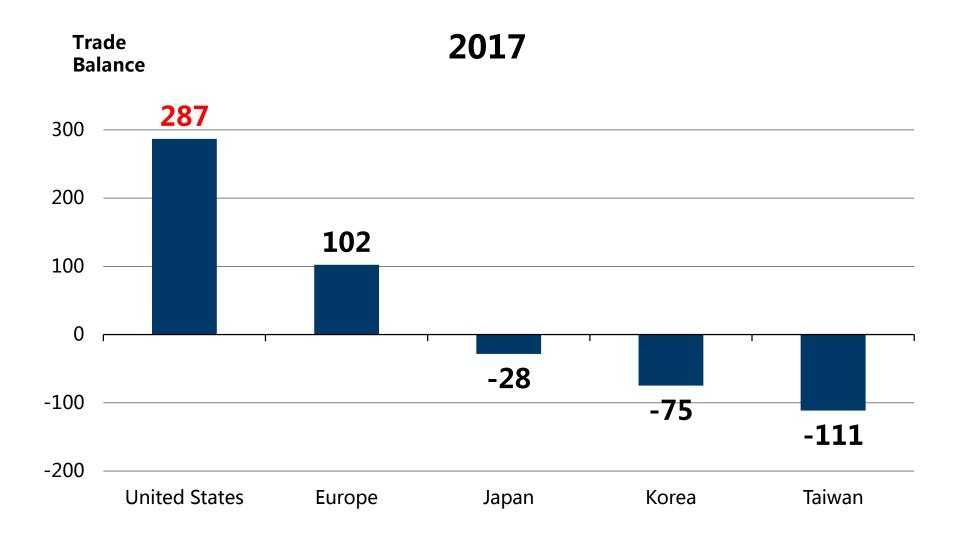


History of the rising power challenges the ruling power

Major cases of rise vs. rule		
Conflicts highlighted in gray ended in war		
CENTURY	RULING POWER	RISING POWER
Late 15th	Portugal	Spain
First half 16th	France	Hapsburgs
16th, 17th	Hapsburgs	Ottoman Emp.
First half 17th	Hapsburgs	Sweden
Mid to late 17th	Dutch Republic	England
Late 17th, mid-18th	France	Britain
Late 18th, early 19th	United Kingdom	France
Mid 19th	France, United Kingdom	Russia
Mid 19th	France	Germany
Late 19th, early 20th	China, Russia	Japan
Early 20th	United Kingdom	United States
	U.K., supported by France,	
Early 20th	Russia	Germany
Mid 20th	Soviet Union, France, U.K.	Germany
Mid 20th	United States	Japan
Mid, late 20th	United States	Soviet Union

Source: Graham Allison, "Destined for War"

China's trade balance by countries

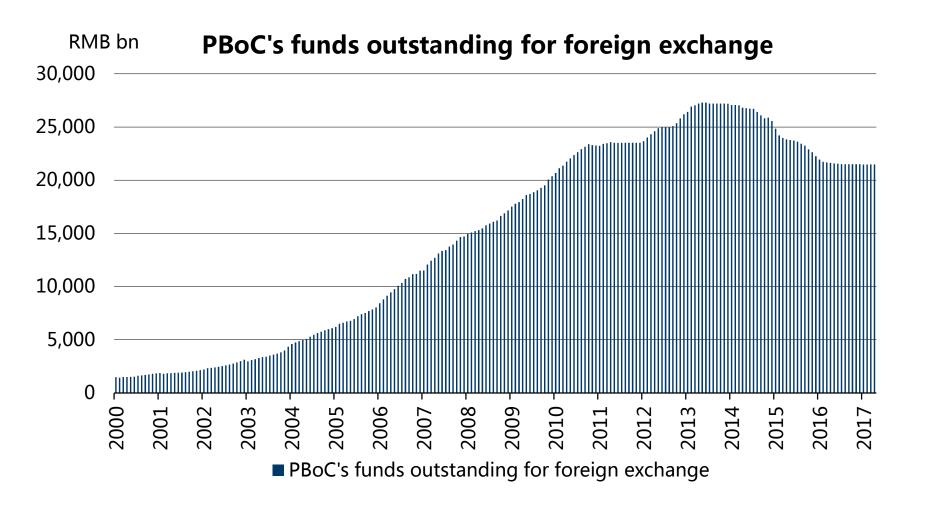


Last data point: 31 Dec 2017

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Source: CEIC, Credit Suisse

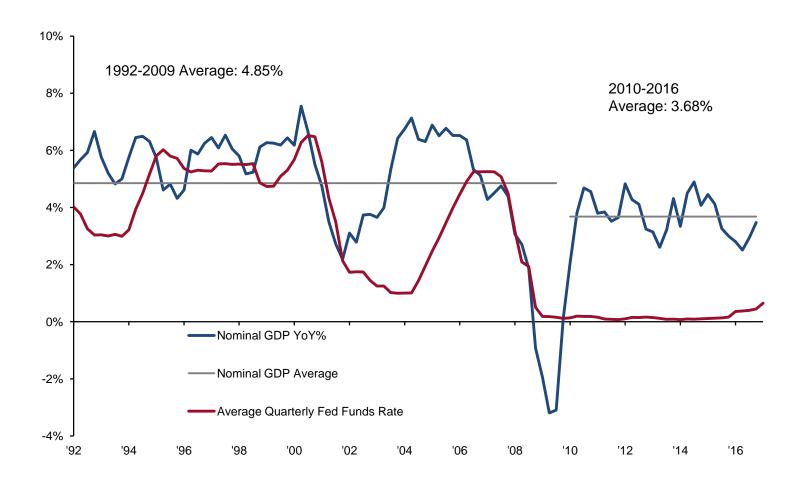
PBoC's funds outstanding for foreign exchange



Last data point: 31 Mar 2018 Source: CEIC, Credit Suisse



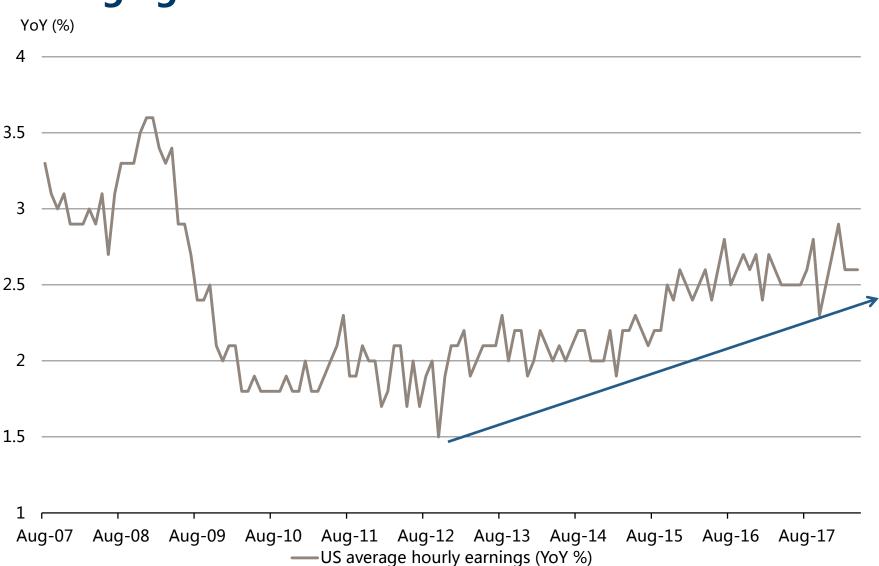
US Nominal GDP vs Fed Funds Rate



Last data point: 31 Dec 2016

Sources: Credit Suisse, Federal Reserve, BEA

US wage growth

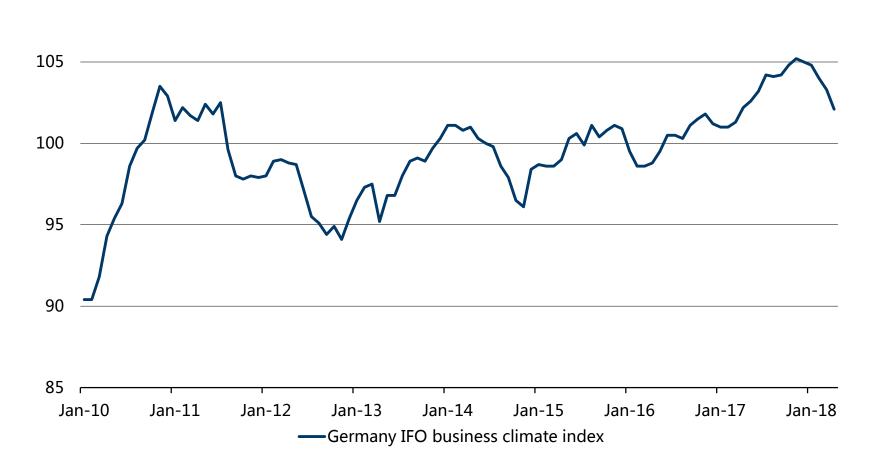


Last data point: 30 Apr 2018 Source: Bloomberg, Credit Suisse



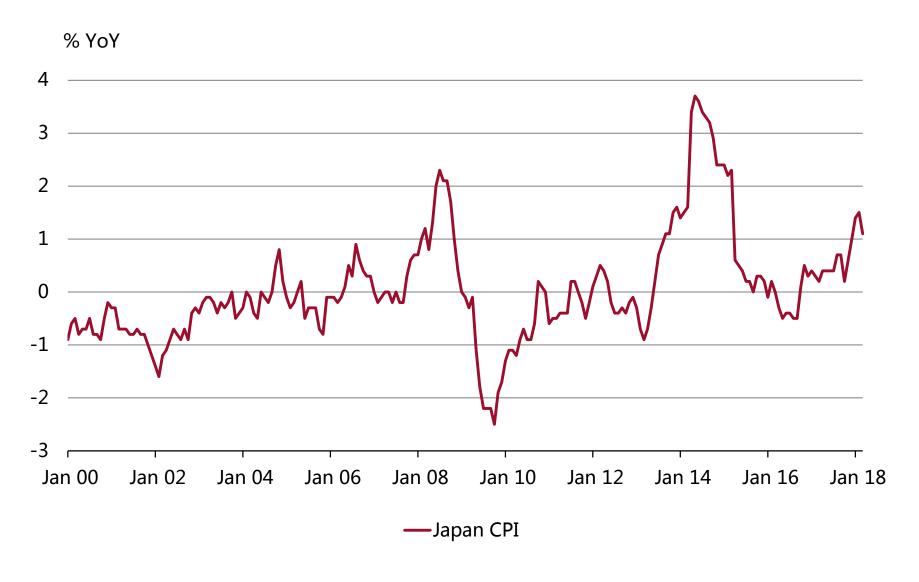
Germany IFO business climate index be way beyond expectation





Last data point: 30 Apr 2018 Sources: Bloomberg, Credit Suisse

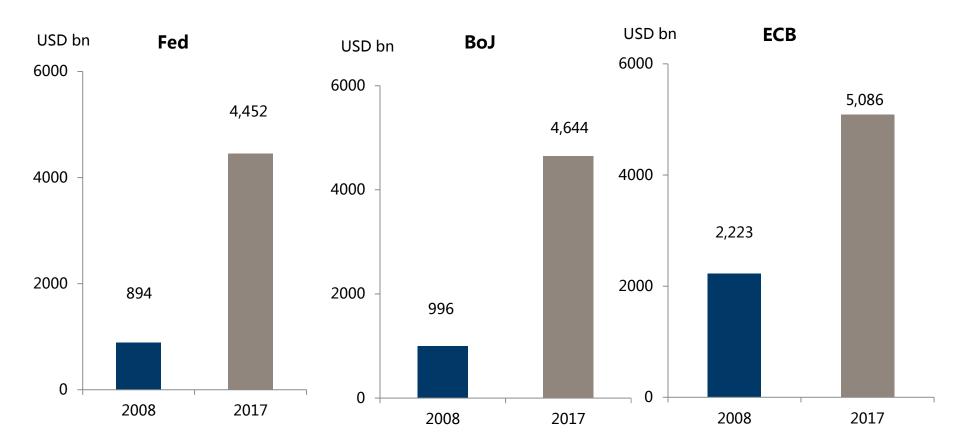
Japan CPI is picking up recently



Last data point: 31 Mar 2018 Sources: Bloomberg, Credit Suisse

How much tapering will the central banks conduct?

USD (Billion)



Note: Compare figures at the beginning of 2008 and the latest figures in 2017



page.

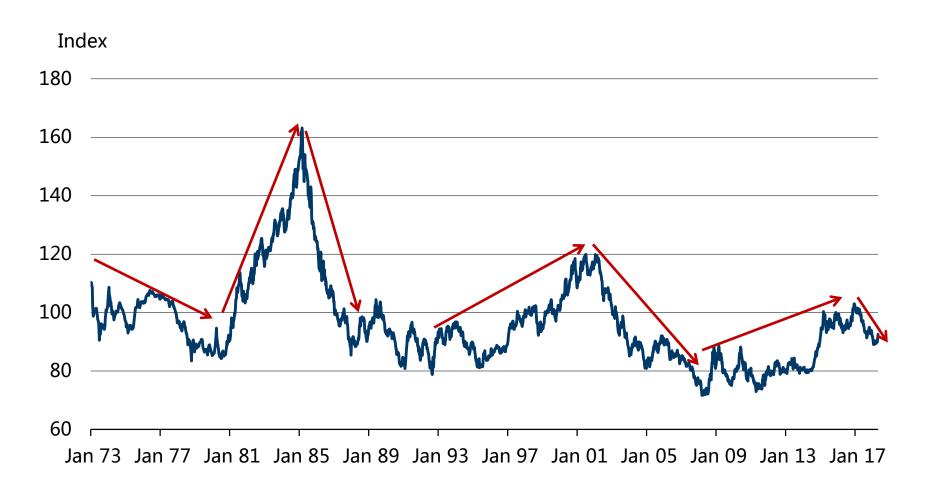
Macro Forecast

Major Economies	GDP growth (% YoY)			Inflation (% YoY)			Central Bank Rates (%)		
	2017E	2018E	2019E	2017E	2018E	2019E	Current	in 3M*	in 12M*
Global	3.3	3.4	3.1	2.4	2.5	2.4	-	-	-
USA	2.3	2.8	2.4	2.1	2.4	2.1	1.25-1.50	1.50-1.75	2.00-2.25
Eurozone	2.5	2.5	2.2	1.5	1.6	1.7	-0.40	-0.40	-0.40
China	6.9	6.5	6.2	1.5	2.5	2.0	4.35	4.35	4.35
Japan	1.7	1.3	1.0	0.5	0.5	0.7	-0.10	-0.10	-0.10
* Eurozone's central bank I	rates refers to dep	osits rate	3						

Source: Credit Suisse

Last datapoint: 3 May 2018

Is DXY trending up or down?



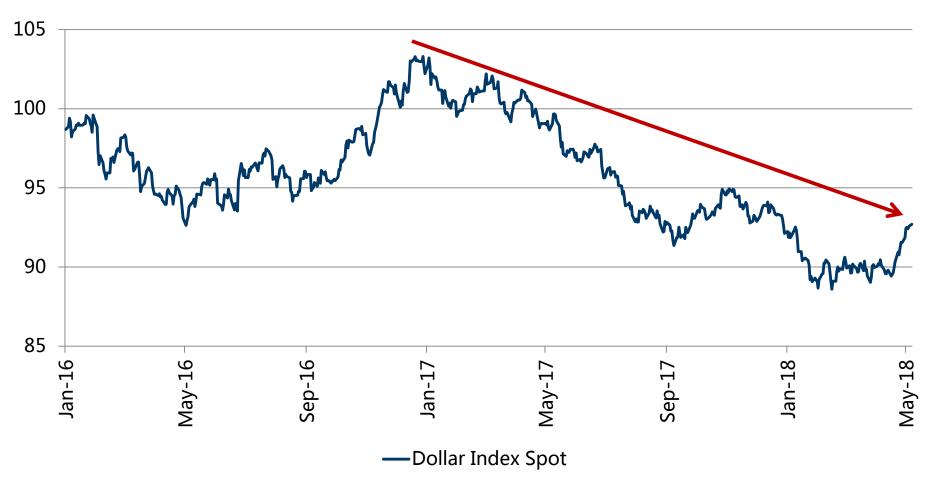
—Dollar Index Spot

Last data point: 4 May 2018 Source: Bloomberg, Credit Suisse



Is DXY trending up or down?



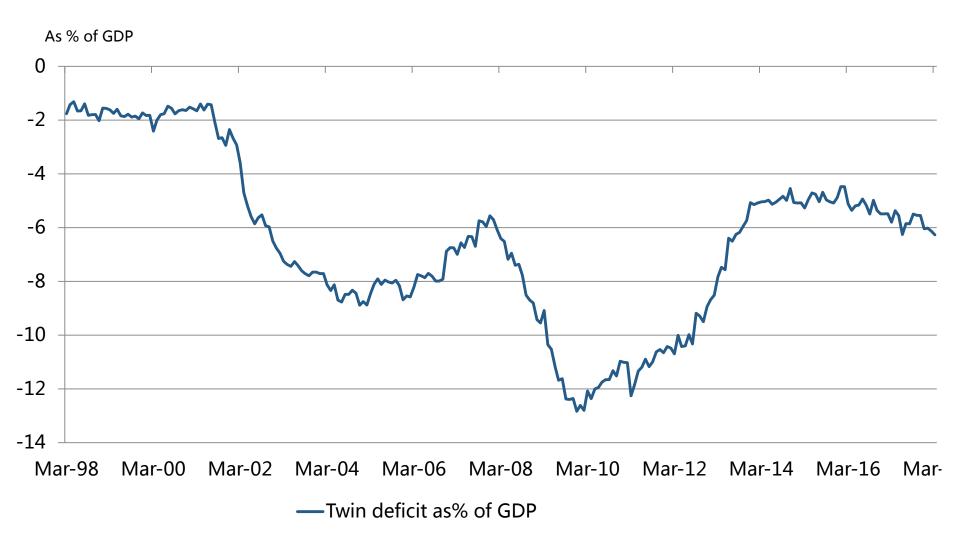


Last data point: 4 May 2018

Source: Bloomberg, Credit Suisse



US twin deficit



Last data point: 30 April 2018

Source: Bloomberg, Credit Suisse



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Source: 視覺中國, cpc.people.com





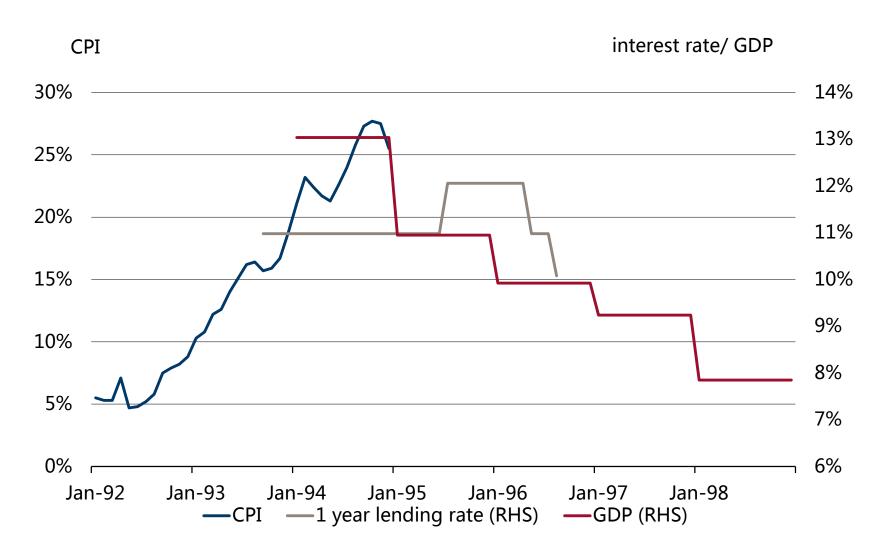
鶴週期/ He cycle

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Source: cpc.people.com



What's happened in 1992-1998

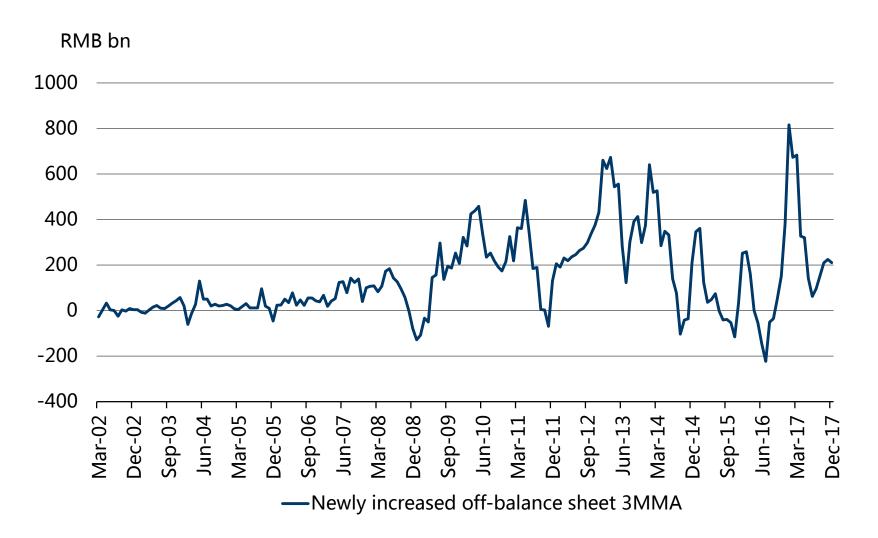


Last data point: 31 Dec 1998

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Source: CEIC, Credit Suisse

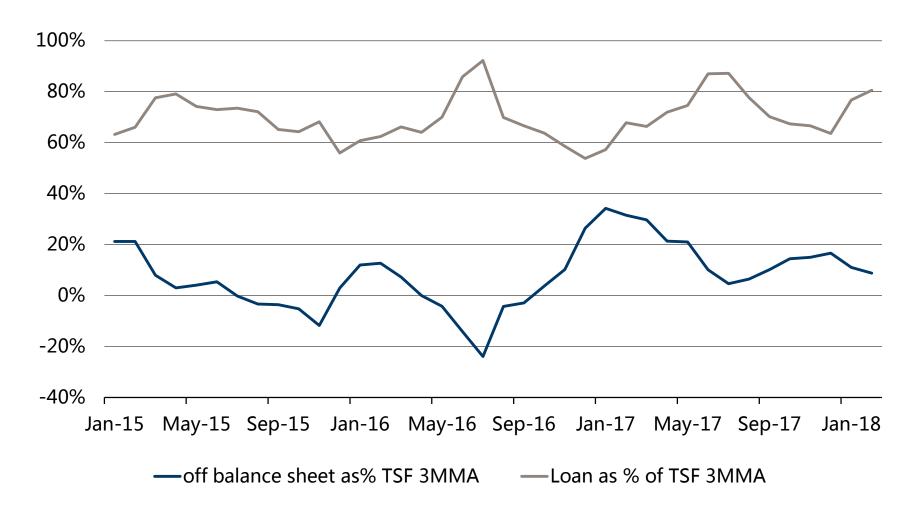
Off balance sheet is shrinking



Last data point: 28 Feb 2018

Source: CEIC, Credit Suisse

Banks bring off-balance sheet to on-balance sheet



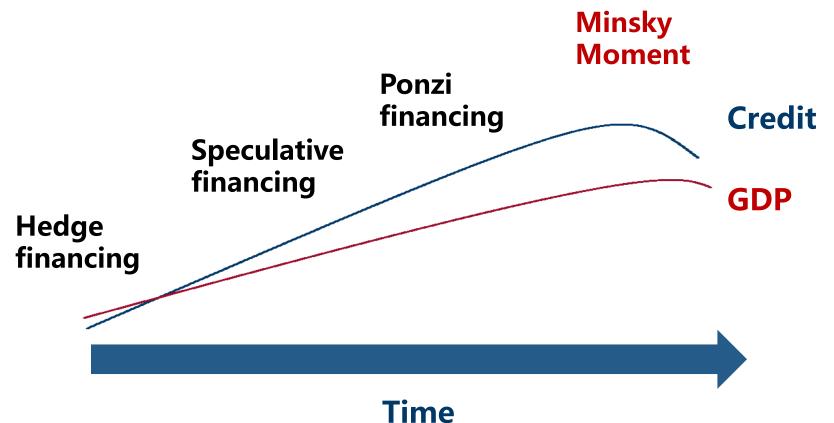
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Minsky Moment?

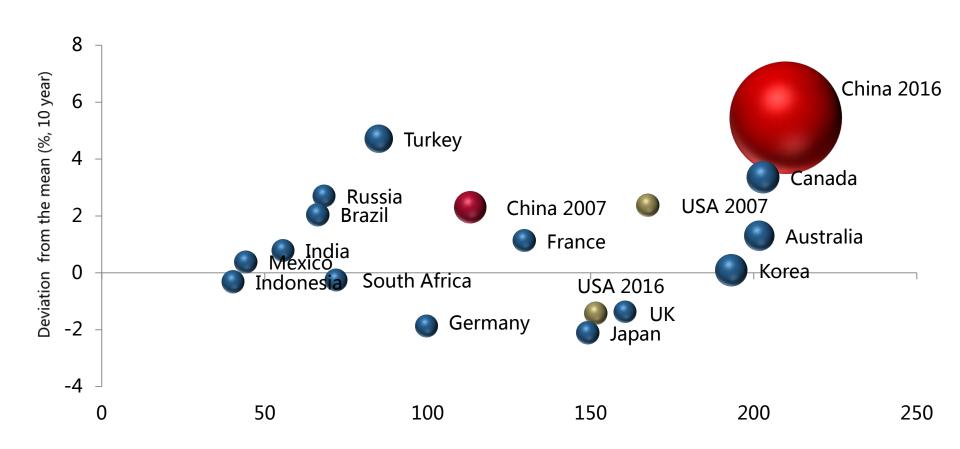




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Source: Credit Suisse

China's non financial sector debt level is highest in the world



Gross debt to GDP (%)

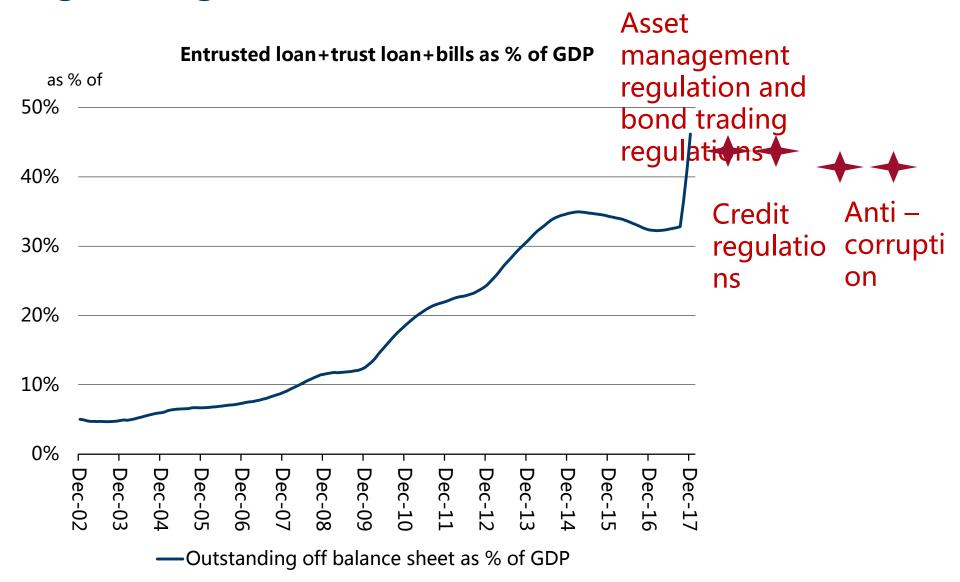
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Last data point: 31 Dec 2016

Dec 2016 Source: International Monetary Fund – Global financial stability report October Historical and/or projected performance indications and financial market scenarios are not reliable 2017. Credit Suisse

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Tighter regulations have arrived



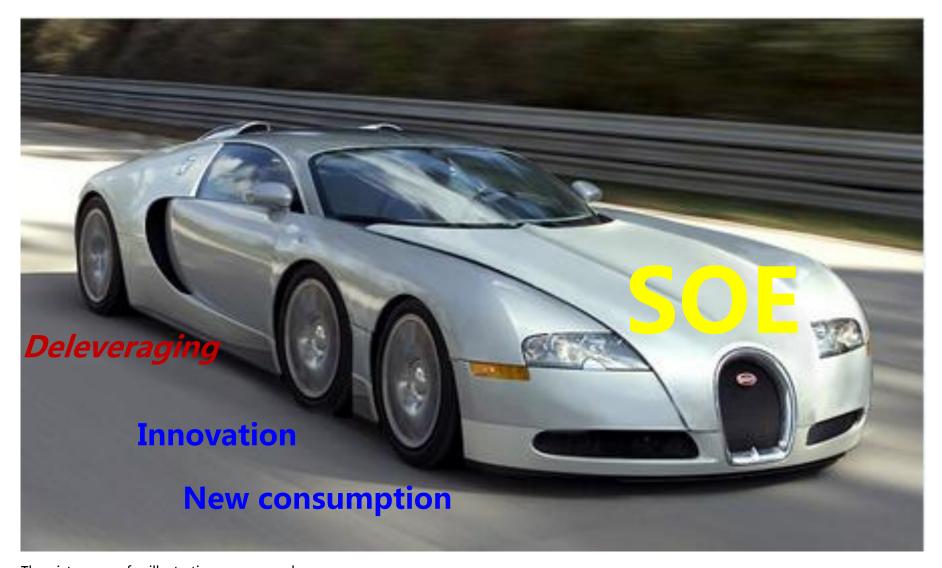
Last data point: 31 Jan 2018

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Source: CEIC, Credit Suisse



What does China look like in five years?

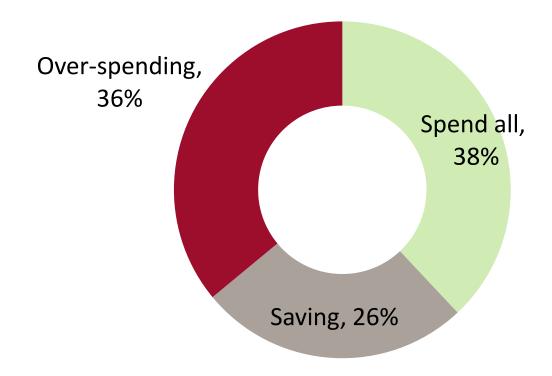


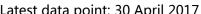
The pictures are for illustrative purpose only SOE = State Owned Enterprise

Source: techeblog.com, Credit Suisse



Embrace the consumption from the new generation





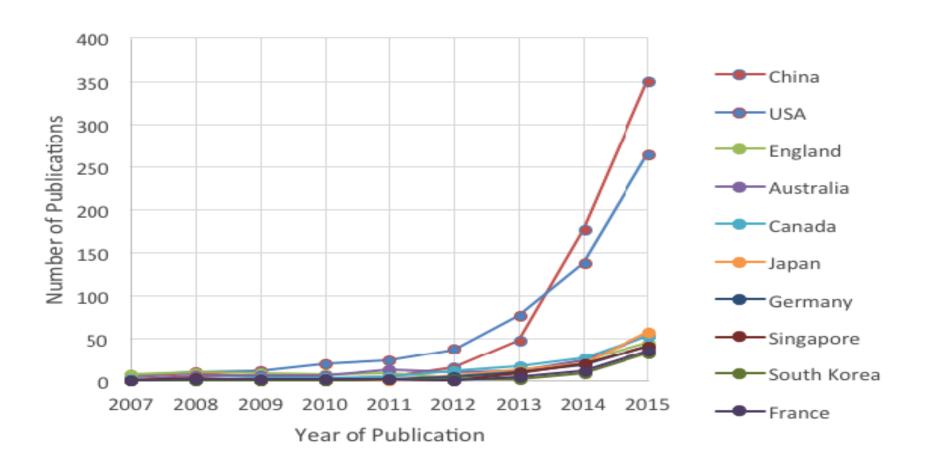
also applies to this page.

Embrace the new consumers



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China took over USA in publishing the most research papers on AI since 2014



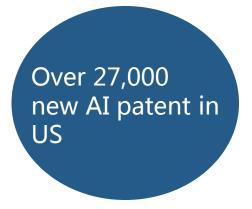
Last data point: 30 Jun 2016

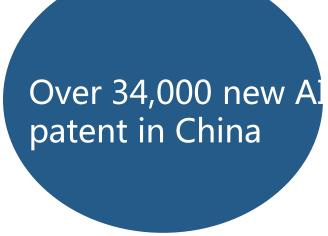
Jun 2016
Source: National Science and Technology Council Historical and/or projected performance indications and financial market scenarios are not

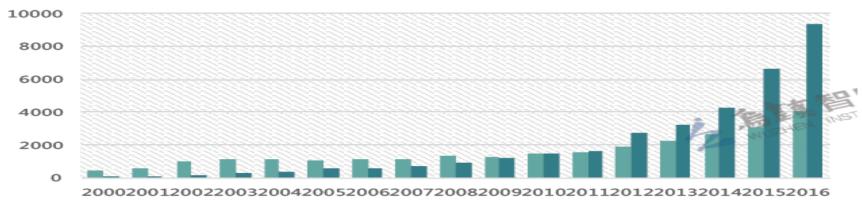


New AI patent in US and China

Since 2000







■美国 ■中国

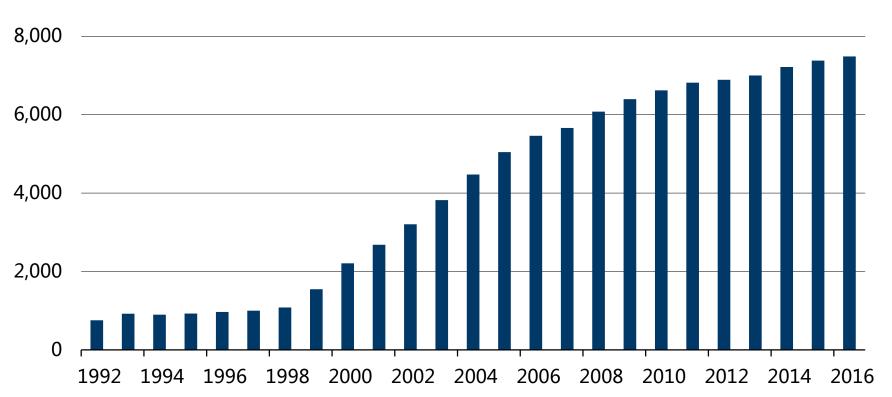
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Last data point: 31 Dec 2016
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Number of enrolled university students surged after 1998

Person (thousand)



■ No of enrolled university students

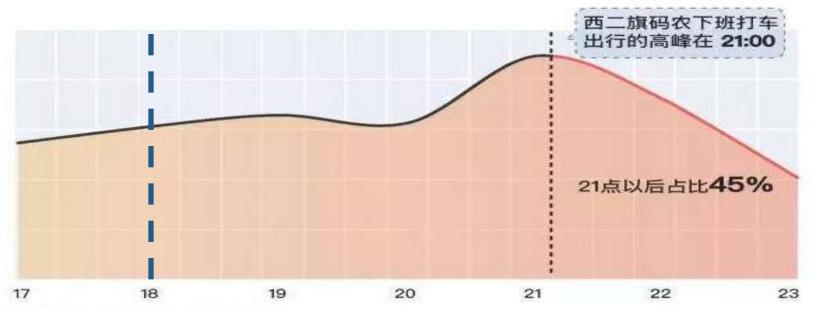


to this page.

Chinese IT staff work hard

西二旗码农的下班时间分布





: 此处仅统计工作日17:00-23:59之间, 打车出行起点为西二旗区域的办公楼宇目的为 住宅小区的出行订单。

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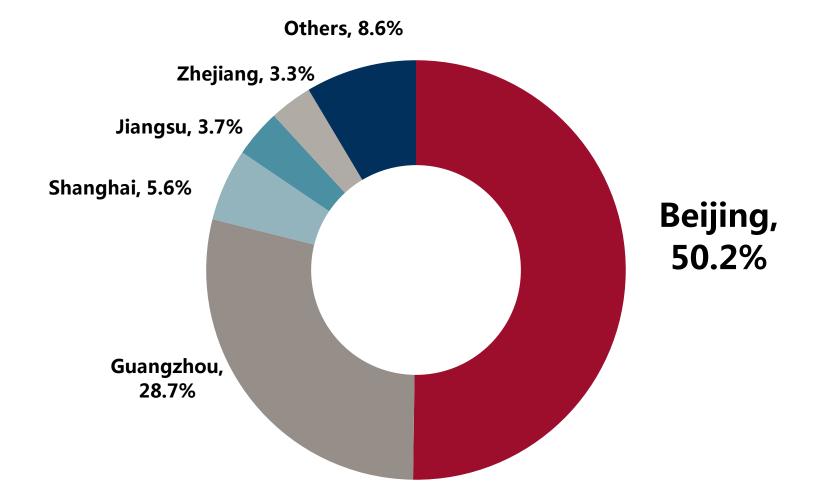
Chinese IT staff work hard



Source: miui.com, Credit Suisse

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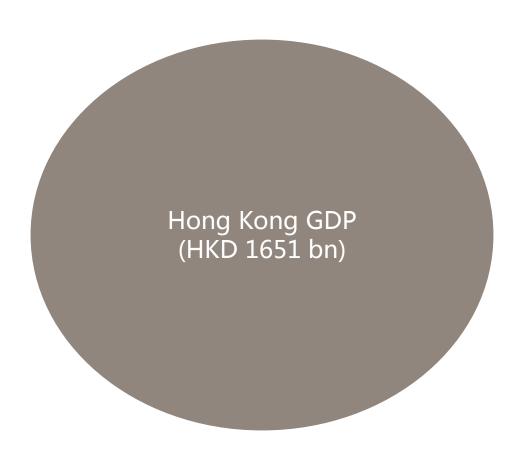
Funding size in AI projects in China





Tencent market cap vs Hong Kong GDP

2007





* 2017 Tencent' s revenue is from Credit Suisse Research

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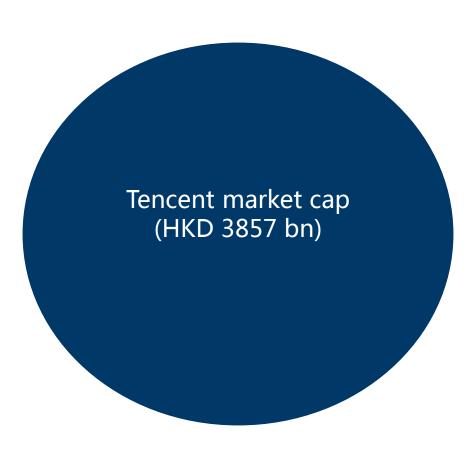
Tencent market cap vs Hong Kong GDP

GDP CAGR: 4.8%

2017*

Revenue CAGR: 51.3%





* 2017 Tencent' s revenue is from Credit Suisse Research

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