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# CHINA THEMATIC RESEARCH – REAL ESTATE

WRITTEN BY



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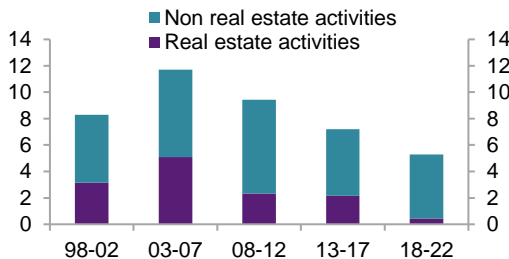
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## Through the looking glass: China's property crisis and its implications

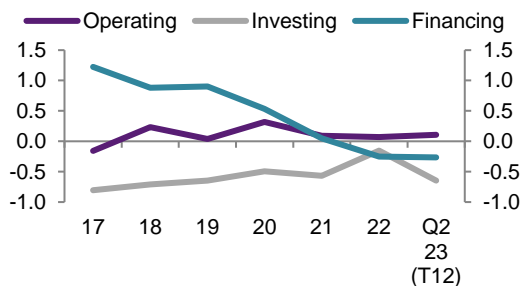


**China's GDP: breakdown by its contribution from real estate and non-real estate activities (% GDP)**



Note: we estimate the effect of the real estate sector value added on China's GDP, and then use the estimated coefficient to calculate the (five-year average) contribution of the real estate sector on China's GDP. Source: Natixis, CEIC.

**China Property Developers: Total Cash Flows (RMB tr)**



N.B. Data as of 2023 Q2. Top 100 Chinese real estate developers included. Source: Natixis, Financial Statement, Bloomberg

## Executive Summary

China's real estate crisis has lingered for over two years. While the recurring headlines from Evergrande to Country Garden have dampened foreign investors' sentiment on China-related assets, the brewing spillovers have dragged domestic consumer and business confidence. What is new is that policymakers seem to believe that the problems have reached a tipping point recently. Although many policy changes have largely fallen short of expectations, the tone is changing from supporting demand to supporting developers. This is, thus, a vital moment to assess the status of China's real estate sector on the chance of stabilization, if not a turnaround.

In this note, we start with a macro analysis of the impact of the real estate crisis, followed by the linkages in five major channels: households, local governments, property developers, other corporates, and financials. With our economic and sectoral findings, we offer more granular implications of China's real estate crisis on the country and the rest of the world.

### Regulation is only a trigger with structural deceleration behind

While the regulatory changes appear to be the biggest shock, the structural pressure on China's real estate emerged as early as 2016. As slower long-term economic growth drags income growth, the higher youth unemployment rate and falling population also reduce potential housing demand. The cyclical factors of cautious monetary policy stance and disinflation also offer limited incentives for home purchases. We estimate that the contribution of real estate activities to China's GDP falls from over 5 percentage points during 2003-2007 to 0.4 percentage points from 2018-2022. And the contribution is negative in 2022 and 2023. Still, the negative contribution from real estate may diminish if Chinese government boosts public housing. But such growth will not come from the private sector, and it will not grow as quickly as before.

### Household exposure is limited with potential consequences on wealth effect

Unlike the Global Financial Crisis (GFC), the impact of China's property slowdown on households is limited. China's household debt-to-GDP ratio is 61.4% in 2022, a moderate level globally. Only half of the Chinese household debt is property-related, and mortgage loan growth has decelerated. The trends may not be positive for economic growth, but it is helpful for households to manage its real estate exposure. Still, the high concentration of wealth in real estate can potentially lead to a negative wealth effect with the broad decline in asset prices, such as equities. China's households' passive income is now growing slower than wages and business income.

### Local governments to face structural transition

Other stakeholders are not as lucky. Local governments are in a dilemma with plummeting land sales and the pileup in off-balance sheet debt, posing challenges to fiscal sustainability. Due to the weak property investment, China's government revenue from land sales is likely to decline for two consecutive years, namely 23% in 2022 and 21% YTD in October 2023. However, the more severe challenges may come from local government financing vehicles (LGFVs) as one-third of the entities are involved in property-related activities and the general return on assets (ROA) is falling. China's central government will probably have no choice but to play a bigger role and widen its budget deficit, meaning a significant fiscal transition may be on the way.

### Most developers face a liquidity crisis

Unlike local governments with long-term stresses, the impact on property developers is a matter of survival with severe cash flow pressure. State-owned developers are the survivors who can continue buying land for future investment, with the share of land purchases growing from 47% in 2020 to 91% YTD in October 2023.

While the situation is alarming, most developers can keep operating cash flows reasonably stable, and the main problem is financing. Developers have tapped into cash reserves for debt repayment and expenses, especially for private firms. With the pressure in home sales, the debt coverage ratio (net operating income / total debt) fell from 8% in 2020 to -5% in 2021 and stabilized at -1% in Q2 2023, a sharp deterioration of repayment ability. More liquidity to private developers will be an important band aid to credit risks, but policy implementation and home sales will still be key.

### **Not yet massive spillover to other corporates except for a few related sectors**

One of the concerns about the weaker repayment ability of developers is whether there will be a negative spillover towards other sectors. Our analysis using data from 3000 listed Chinese firms shows there is no massive spillover from real estate developers yet, but the impact can be more severe for some sectors. With closer connections to property developers, only firms operating real estate services and construction materials see higher account receivables and provisions to total assets, showing more payment delays. It shows that the current stress from real estate developers is worrisome but far from exerting a wide spillover effect in all sectors.

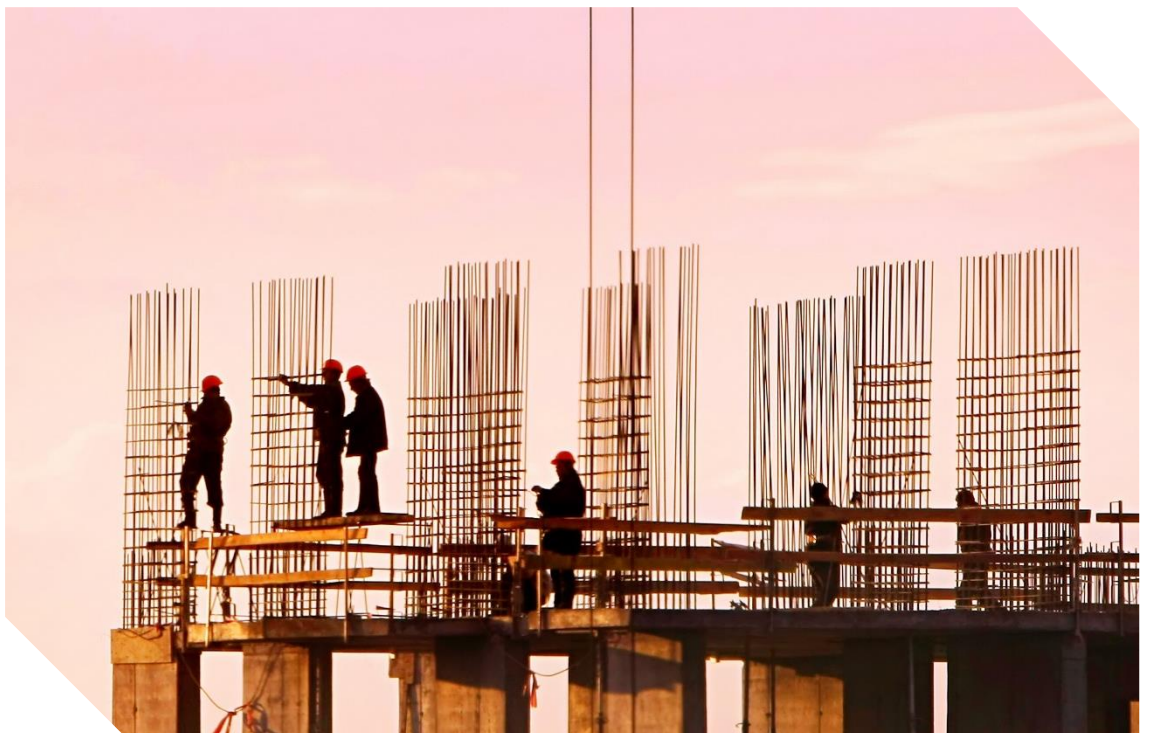
### **Financial sector becoming a shock absorber**

With challenges coming from all fronts, China's financial sector is the last resort in absorbing the losses and banks have been an important policy transmission tool in China. For banks, the exposure to developers, mortgages, and LGFVs are 3%, 10% and 14%, respectively. **The NPL ratio for real estate corporate loans surged** from 2.28% to 4.45% for the same period. Mortgages, the safest loan type for many years, also saw the NPL ratio rising from 0.31% to 0.46%. Banks can stomach the costs as the exposure to developers remains small on relative terms.

Still, the ambiguous definition of LGFVs can be an issue if local governments do not have enough resources to guarantee all repayment, should the fiscal situation worsen. And the pressure from mortgages may come lead to slower asset growth. Beyond the strong ability of the state to mobilize resources, China's high saving rate and low foreign debt ownership are the two factors explaining China has plenty of resources and limited risks in the financial sector to absorb the losses in the real estate sector.

### **Implications on China and the world**

All in all, China's real estate crisis will bring economic consequence, but it is about both regulatory changes and structural slowdown. It all depends on whether there is a sector that is big enough the demand driven by real estate. While there are spotlights in the economy, such as electric vehicles, the size is simply not comparable to the contribution by real estate. For the world, China is the second largest economy and the biggest importer of key commodities and intermediate goods. The deceleration of the Chinese economy – in part stemming from the poor performance in real estate – is bad news. Still, it is unlikely to see cross-border financial transmission given the limited linkages between China and the world. The main reason is that China's real estate crisis has been financed with its own savings. There is no aggregate financing constraint with the rest of the world that can make the crisis more acute.





## Can't fall off the floor?

China's real estate crisis has lingered for over two years, seemingly an endless nightmare for many investors. While the recurring headlines from Evergrande to Country Garden have dampened foreign investors' sentiment on China-related assets, the brewing spillovers have dragged domestic consumer and business confidence. What is new is that policymakers seem to believe that the problems have reached a tipping point recently. Although many policy changes have largely fallen short of expectations, the tone is changing marginally. It is a vital moment to assess the status of China's real estate sector on the chance of stabilization, if not a turnaround.

**Figure 1**  
China's Property Crisis and Its Implications



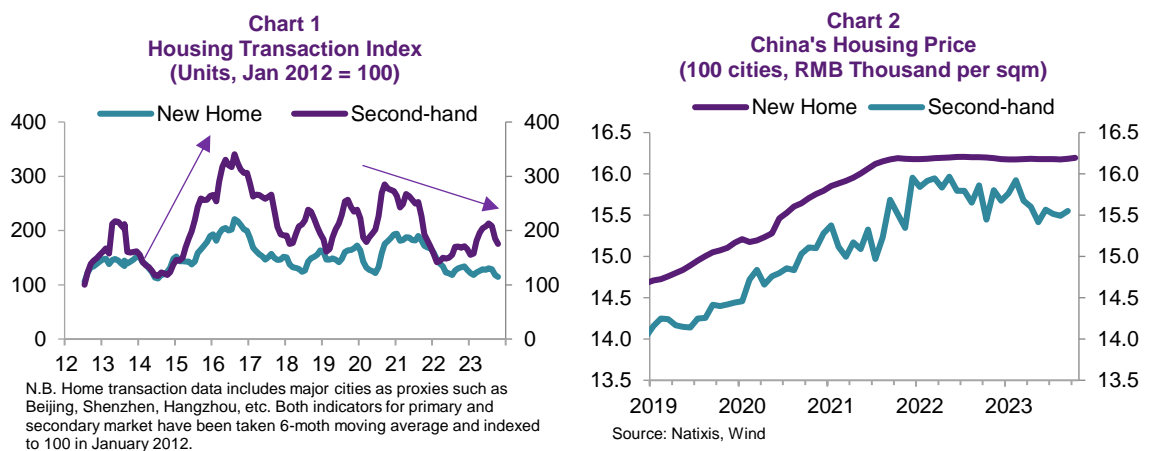
Source: Natixis

In this note, we start with a macro analysis followed by the linkages in five major channels: households, local governments, property developers, other corporates, and financials. With our economic and sectoral findings, we explain the implications of China's real estate crisis on the country and the rest of the world.

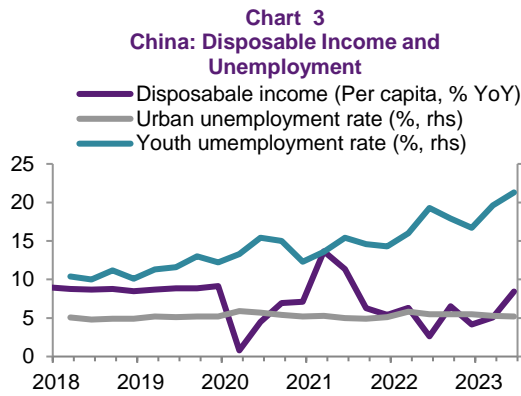
## Macro analysis: How serious is the problem?

### Long-term headwinds and cyclical factors exert dual downward pressure

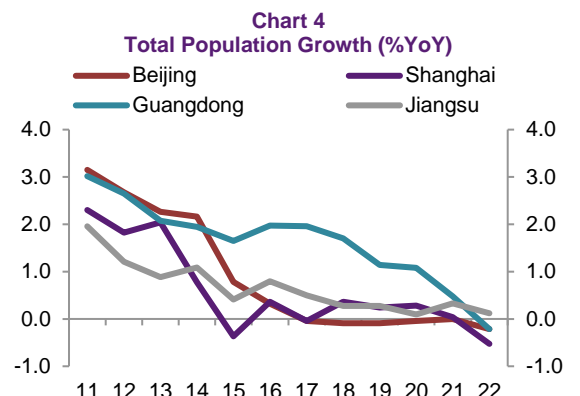
While the regulatory changes appear to be the biggest shock, the structural pressure on China's real estate emerged as early as 2016 (**Chart 1**). Interestingly, housing prices have decelerated at a relatively slower pace comparing to the number of transactions, particularly for new homes (**Chart 2**).



As slower long-term economic growth drags income growth, the higher youth unemployment rate and falling population also reduce potential housing demand (**Chart 3** and **4**). China's average household's income growth rate has decelerated, especially after three years of strict Covid control.

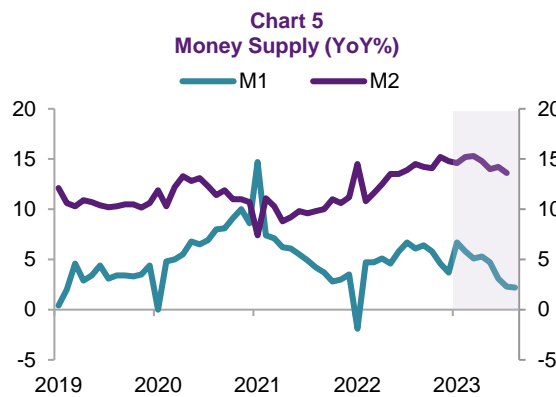


Source: Natixis, Wind, CEIC

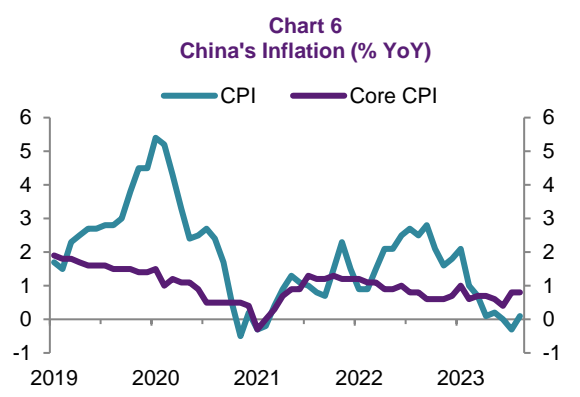


Source: Natixis, CEIC

The cyclical factors of cautious monetary policy stance and disinflation also offer limited incentives for home purchases. The prudent monetary supply has dampened housing demand (**Chart 5**). Inflation has also hit to almost zero, so the incentive for Chinese households to hold risky assets, including real estate, has diminished significantly (**Chart 6**).

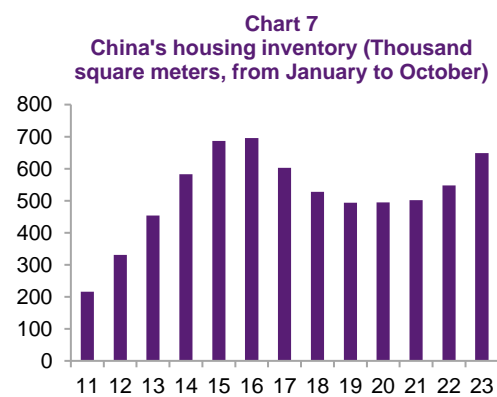


Source: Natixis, Wind

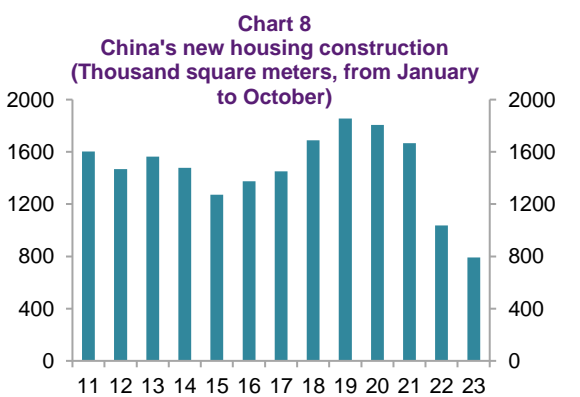


Source: Natixis, National Bureau of Statistics, CEIC

The stagnant demand has led Chinese developers to struggle in meeting their sales targets, with their inventory holding passively increasing between 2021 to 2023 (**Chart 7**). In response to the challenges, developers have drastically reduced the pace of housing supply. Indeed, China's housing supply in the first ten months of 2023 was nearly halved compared to the same period in 2021 (**Chart 8**).

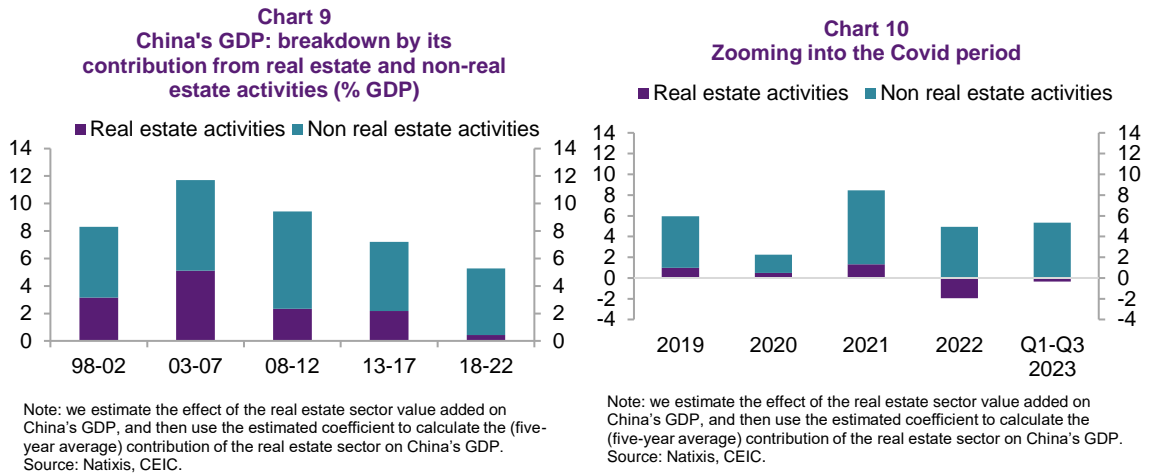


Source: Natixis, CEIC



Source: Natixis, CEIC

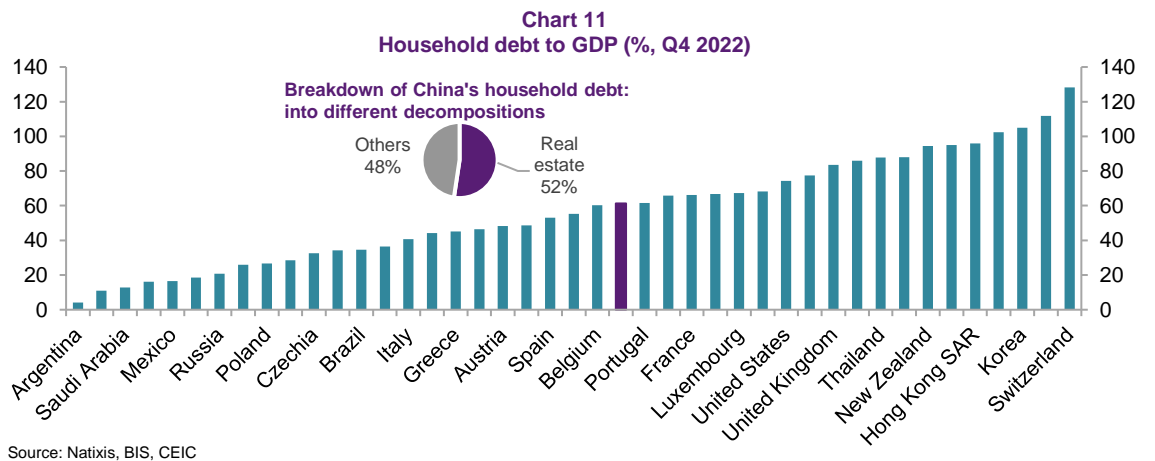
We estimate that the contribution of real estate activities to China's GDP falls from over 5 percentage points during 2003-2007 to 0.4 percentage points from 2018-2022 (Chart 9). And the contribution is negative in 2022 and 2023 (Chart 10). Still, the negative contribution from real estate may diminish if Chinese government boosts public housing. But such growth will not come from the private sector, and it will not grow as quickly as before.



## Households: Limited exposure

### Low debt-to-GDP ratio globally

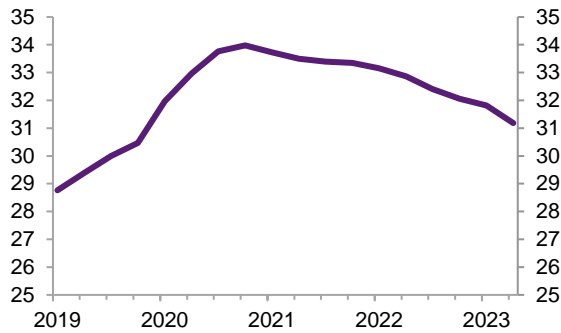
Unlike the Global Financial Crisis (GFC), the impact of China's property slowdown on households is limited. China's household debt-to-GDP ratio is 61.4% in 2022, a moderate level globally (Chart 11).



### Household reducing real estate exposure, but wealth effect can be an issue

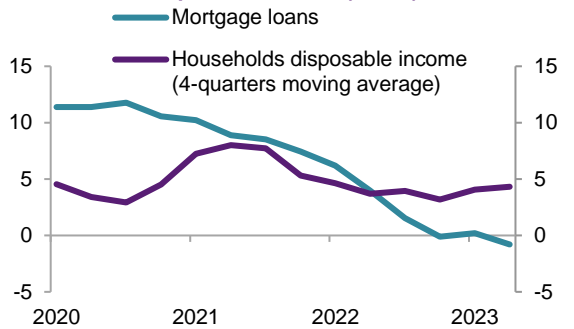
Only half of the Chinese household debt is property-related, and mortgage loan growth has decelerated (Chart 12). In particular, the rate of growth for mortgage loans has been significantly slower than the growth of households' disposable income (Chart 13). The trends may not be positive for economic growth, but it is helpful for households to manage its real estate exposure.

**Chart 12**  
Mortgage debt to GDP ratio (%)



Source: Natixis, The People's Bank of China, CEIC

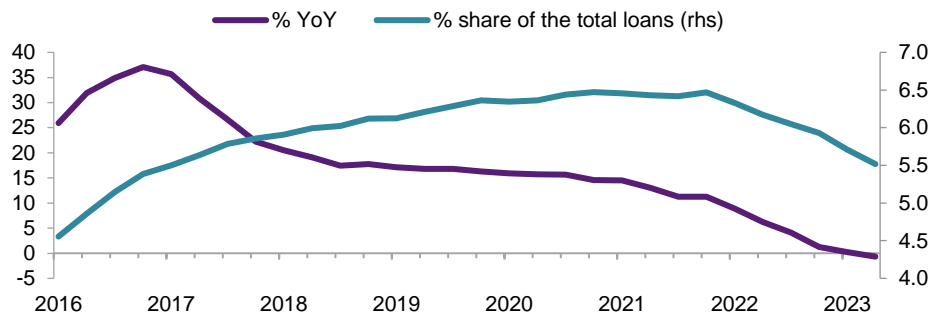
**Chart 13**  
Mortgage loans and households disposable income (YoY%)



Source: Natixis, National Bureau of Statistics, CEIC

From bank's perspective, the real estate mortgage loans, in both absolute value and its share of the total loans, have continued to declining (**Chart 14**), suggesting the banks' exposure to household housing borrowing is increasingly controlled.

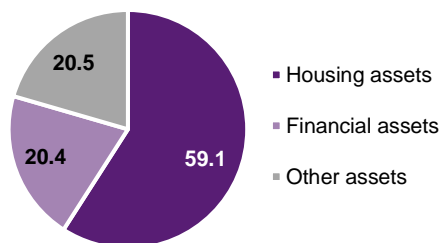
**Chart 14**  
Real estate mortgage loans



Source: Natixis, The People's Bank of China, CEIC

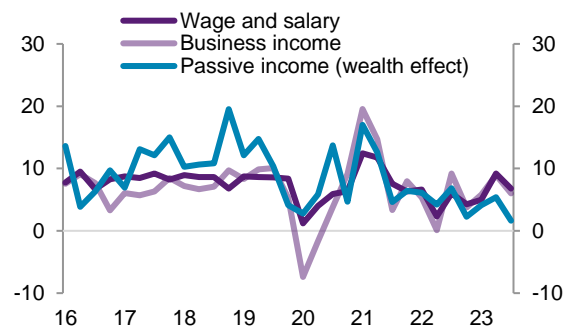
Still, the high concentration of wealth in real estate can potentially lead to a negative wealth effect with the broad decline in asset prices, such as equities. In fact, various surveys have indicated China's housing asset account for about 60% to 70% of the total household's asset (**Chart 15**). Any disruption would cause impact on households' spending. Since the beginning of 2023, China's households' passive income is now growing slower than wages and business income (**Chart 16**).

**Chart 15**  
Chinese Urban Households: Asset Structure (%)



Source: Natixis, 2019 Survey by PBOC

**Chart 16**  
Different types of households income



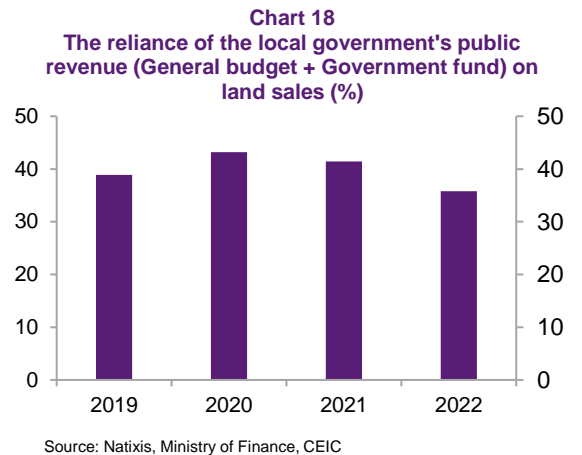
Source: Natixis, CEIC



## Local governments: Getting ready for structural transition

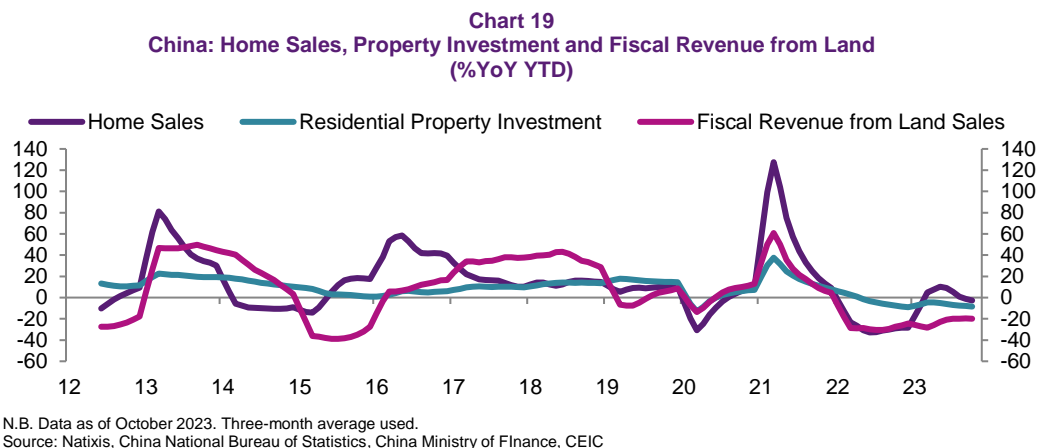
### Large reliance on land sales

Other stakeholders are not as lucky. Local governments are in a dilemma with plummeting land sales and the pileup in off-balance sheet debt, posing challenges to fiscal sustainability (**Chart 17**). Over the past three years, the number of land transactions has sharply decreased, undermining the local governments revenue capabilities. In fact, the contribution of land sales to local government's total on-balance sheet revenue has decreased from 43% to in 2020 to 35% in 2022 (**Chart 18**).



### A sharp decline in fiscal land sales revenue

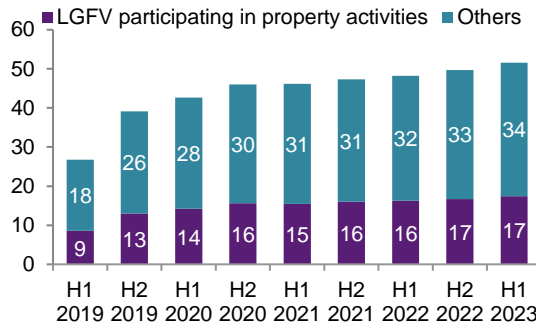
Due to the weak property investment, China's government revenue from land sales is likely to decline for two consequence years, namely 23% in 2022 and 21% YTD in October 2023 (**Chart 19**).



### Future problem may arise from LGFVs

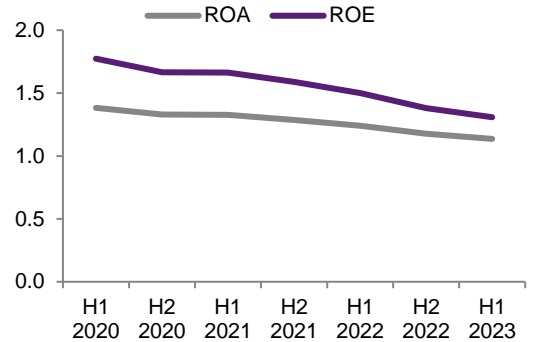
However, the more severe challenges may come from local government financing vehicles (LGFVs) as one-third of the entities are involved in property-related activities and the general return on assets (ROA) is falling (**Chart 20** and **21**). Despite these challenges, it is unlikely that China's local government will head into any immediate crisis as the central government still has room to step in.

**Chart 20**  
China's LGFV debt/GDP (%)



Source: Natixis, WIND

**Chart 21**  
LGFV: ROA and ROE

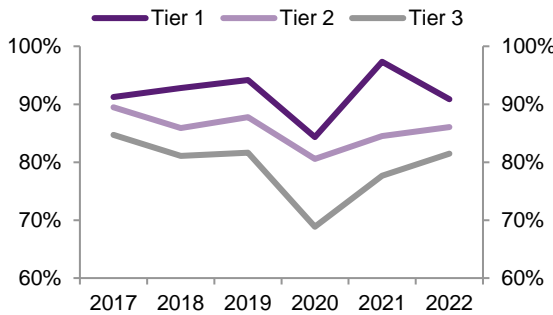


Source: Natixis, WIND

**Central government to take a bigger role**

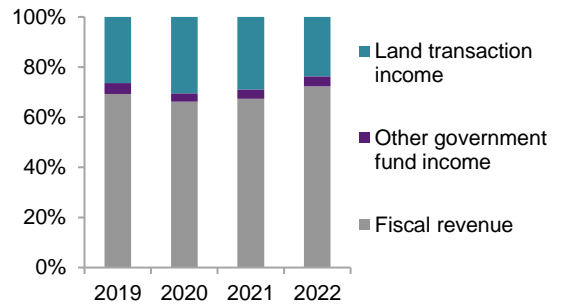
Chinese central government has traditionally been cautious about expanding its own debt. However, it will probably have no choice but to play a bigger role and widen its fiscal deficit, meaning a significant fiscal transition may be on the way. In October 2023, China has already decided to increase its fiscal deficit to 3.8% by issuing special treasury bond worth RMB 1 trillion, which signals further potential central government support if the situation worsens. Given the situation regarding local government debt sustainability, the dynamics of central and local governments' fiscal relationship may also undergo significant transformation in the future.

**Chart 22**  
The ratio of successful land transaction to overall government land supply (%)



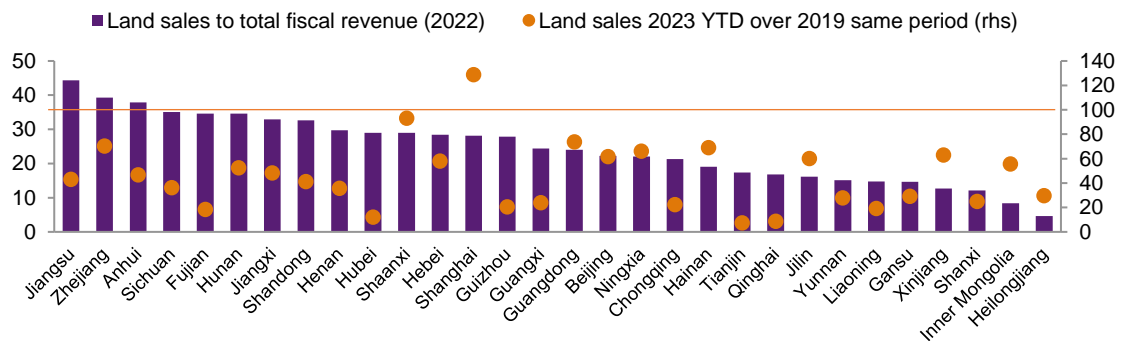
Source: Natixis, Wind

**Chart 23**  
The contribution of land sales to China's public finance income (general budget income + government fund income)



Source: Natixis, CEIC

**Chart 24**  
Land Sales by Provinces

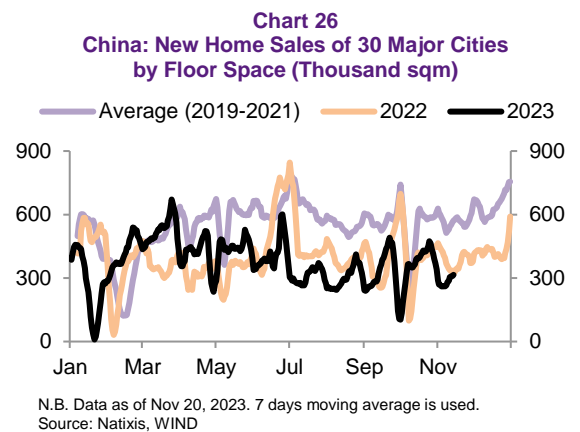
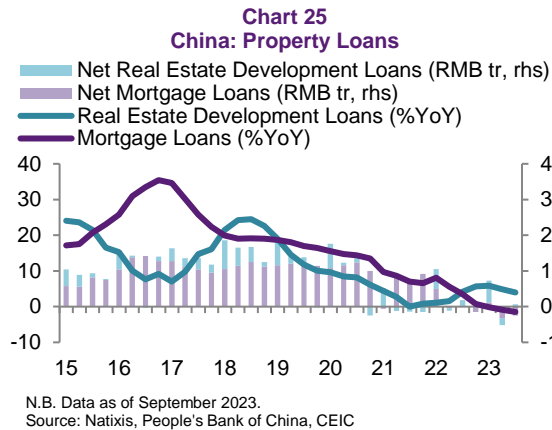


N.B. Data as of April 2023. Source: Natixis, Provincial Department of Finance, CREI, CEIC, WIND

## Developers: More a liquidity than solvency crisis

### Households and developers immune to policy support

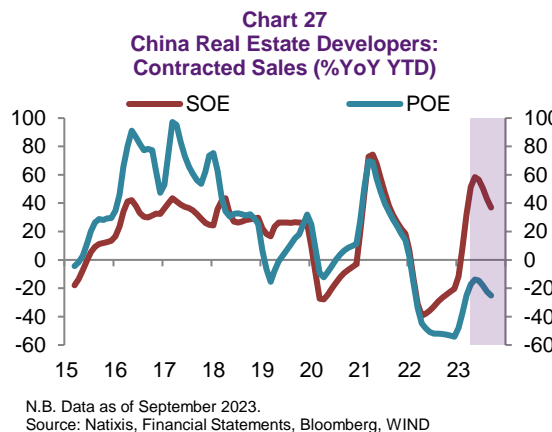
Unlike local governments with apparent long-term stresses, the impact on property developers is more immediate and a matter of survival. Most developers face increasingly severe cash flow pressure as home sales and financing become more challenging. Despite numerous rounds of policy support, including lowering rates and downpayment ratio alongside other administrative and regulatory hurdles for home buyers, the impact on residential property sales is muted.



High-frequency data suggests home sales in the 30 major cities in China hover at 50% of the level before regulatory changes, an average between 2019 and 2021 (**Chart 26**). The net increase in mortgage loans has declined for two consecutive quarters since Q2 2023, showing the weak demand from home buyers and the persisting pressure on early repayment. Chinese developers are heavily reliant on pre-sales, which is now gone, and they cannot borrow from banks and the market easily (**Chart 25**).

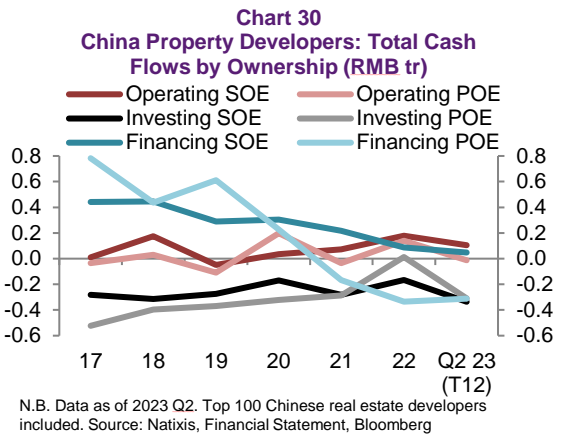
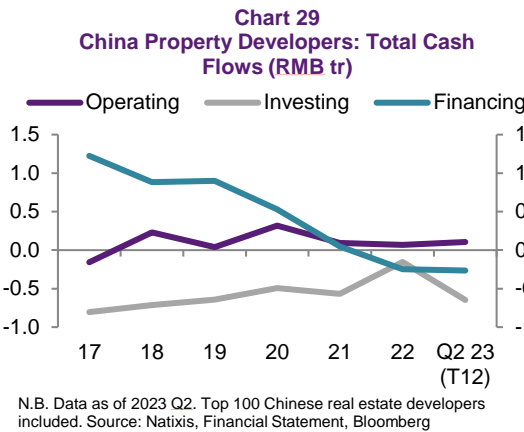
### Divergence between state-owned and private sectors

While all developers have taken a hit from the broad weakness in the industry, the degree of impact varies. Contracted sales of state-owned developers have rebounded and stabilized, while the privately owned peers are in a quagmire (**Chart 27**). Regarding the growth potential, state-owned developers are the survivors who can continue buying land for future investment, with the share of land purchases growing from 47% in 2020 to 91% YTD in October 2023 (**Chart 28**).



### Main problem in financing cash flows

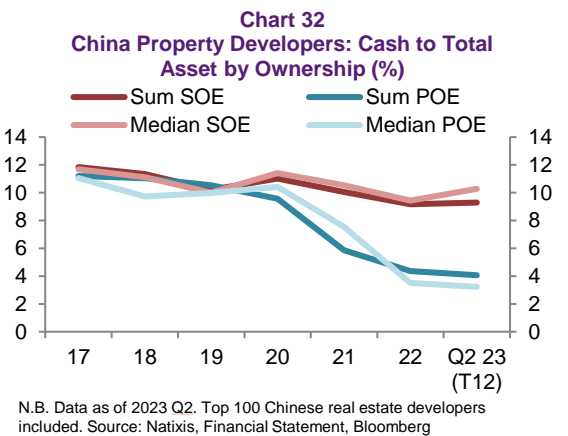
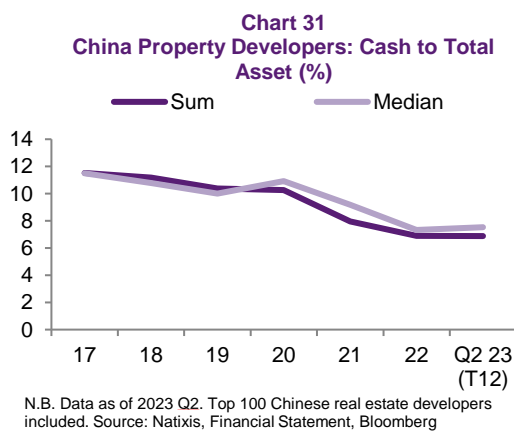
The macro and sectoral trends highlight the problem that developers do not have adequate cashflows to stick to the original business models and even survive, especially for the generally higher leveraged private sector. While the situation is alarming, most developers can keep operating cash flows reasonably stable, and the main problem is financing (**Chart 29**).



With tighter monetary and regulatory conditions, the financing cash flows of the top 100 Chinese developers approached a level close to zero in 2021 and have turned negative since then. While state-owned developers face challenges in liquidity, their financing cash flows remain positive (**Chart 30**). However, private developers have suffered negative financing cash flows since 2021.

### Cash buffer is drying up

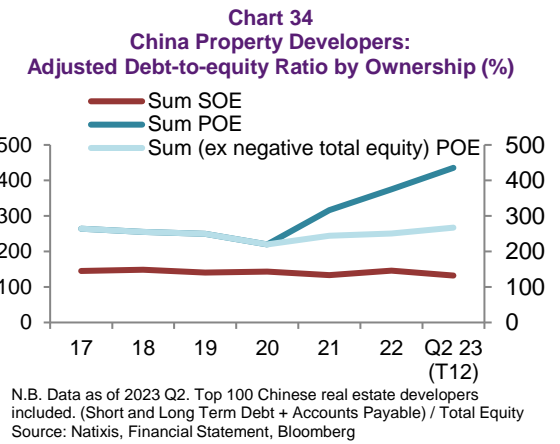
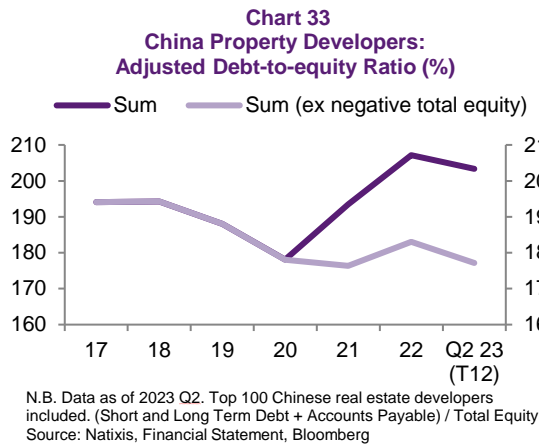
Due to the pressure on cash flows, developers have tapped into cash reserves for debt repayment and operating expenses, especially for private firms. The overall cash-to-asset ratio declined from 10% in 2021 to 7% in Q2 2023 (**Chart 31**). Again, the situation is more stable for state-owned developers, with a mild decline in resilience at 9%. For private developers, the ratio fell from 10% in 2021 to 4% in Q2 2023 (**Chart 32**).



### Deleveraging mode still on

The inability to finance brings important consequences in how developers manage leverage. Due to the strong reliance on pre-sales homes and the growing accounts payable to suppliers, we calculate an adjusted debt-to-equity (D/E) ratio to assess the

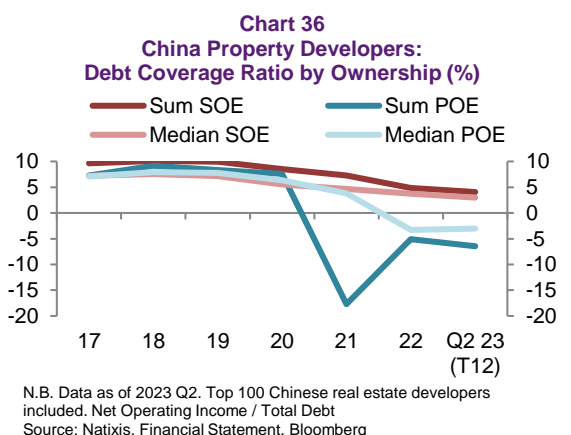
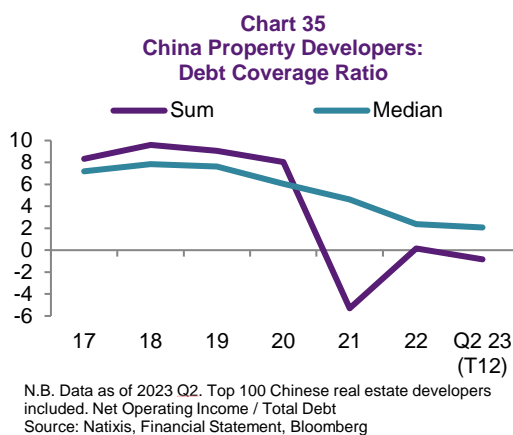
leverage conditions. While a high adjusted D/E ratio usually means a firm can borrow more and its leverage is higher, the situation in Chinese developers nowadays is the opposite. It shows that it is a more challenging situation to manage liquidity.



Due to the rapid collapse in share prices and some cases of negative equity, such as Evergrande, the overall adjusted D/E ratio has ballooned from 193% in 2021 to 267% in Q2 2023 (Chart 33). The good news is the situation is calmer after excluding the extreme cases, which only form 4 out of the 100 largest Chinese developers. Still, private developers' adjusted D/E ratio surged from 220% in 2021 to 440% in Q2 2023, showing the situation remains very challenging (Chart 34).

**Weaker repayment ability**

The above analysis brings one final question: can developers repay their debt. With the pressure in home sales, the debt coverage ratio (net operating income / total debt) of developers fell from 8% in 2020 to -5% in 2021 and stabilized at -1% in Q2 2023, a significant deterioration of repayment ability (Chart 35). The main pressure is on the private sector as state-owned developers can keep a smaller positive ratio (Chart 36).



**Other Corporates: No massive spillover on a sectoral level**

**Limited to real estate services and construction material**

One of the concerns about the weaker repayment ability of developers is whether there will be a negative spillover towards other sectors. Our analysis using data from 3000 listed Chinese firms shows there is no massive spillover from real estate developers yet, but the impact can be more severe for some sectors.



**Table 1**  
**Chinese Corporates: Account Receivables and Provisions by Sectors**

	Difference (2021-2023f minus 2018-2020)			2023f		
	Change in Account Receivables to Total Assets (%)	Change in Provisions to Total Assets (%)	Change in Account Receivables and Provisions to Total Assets (%)	Account Receivables to Total Assets (%)	Provisions to Total Assets (%)	Account Receivables and Provisions to Total Assets (%)
Real Estate Services	4.8	3.2	7.98	20.7	0.8	21.48
Utilities	2.7	-0.3	2.47	18.2	0.5	18.72
Construction Materials	2.2	0.0	2.18	22.1	0.6	22.74
Telecom	0.7	0.0	0.71	5.4	1.3	6.70
Health Care	0.2	0.1	0.27	29.2	0.4	29.60
Energy	-0.8	0.0	-0.73	4.0	0.0	4.00
Consumer Products	-0.8	0.0	-0.79	9.0	0.3	9.37
Automobiles	-0.9	-0.1	-0.99	16.5	0.4	16.89
Household Products	-0.9	-0.1	-1.02	17.6	0.4	18.06
Engineering	-1.9	0.2	-1.68	21.6	0.6	22.18
Metals & Mining	-1.6	-0.2	-1.75	7.5	0.3	7.75
Technology	-1.9	-0.1	-1.99	25.0	0.6	25.66
Steel	-2.9	0.0	-2.93	10.1	0.1	10.20
Materials (Nonmetallic)	-2.5	-0.7	-3.26	17.2	1.0	18.15
Other Industrial*	-3.8	-0.2	-4.08	37.1	0.3	37.40
Semiconductors	-4.6	-0.1	-4.70	28.1	0.6	28.69
Home Construction	-6.9	1.9	-5.02	21.1	0.8	21.89
Renewables	-9.3	-0.5	-9.86	38.6	0.9	39.49

**Legend:**

Real estate related sectors

Better

Worse

N.B. Data as of 2023 Q2. Top 3000 listed Chinese firms included.  
\* Excluding construction  
Source: Natixis, Financial Statement, Bloomberg

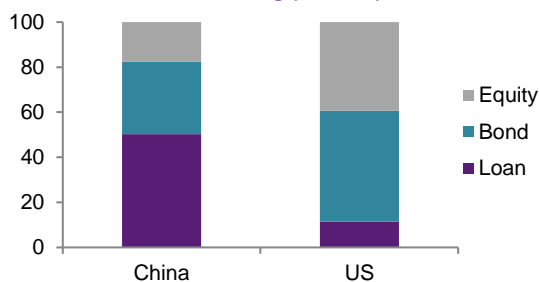
With closer connections to property developers, firms operating real estate services and construction materials see higher account receivables and provisions to total assets, showing more payment delays. However, other sectors perceived to have a solid connection to property developers, such as household products, engineering and construction, metals and mining, do not see the same pressure. It shows that the current stress from real estate developers is worrisome but far from exerting a wide spillover effect in all sectors.

**Financials: Set to become a shock absorber**

**Banks set to stomach higher costs**

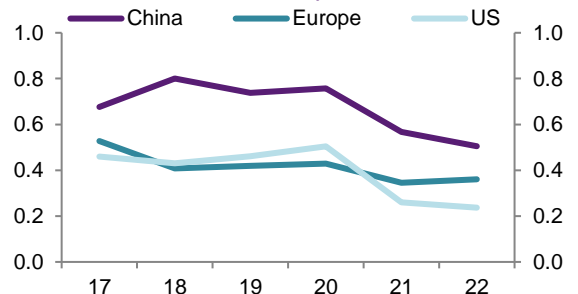
With challenges coming from all fronts, China's financial sector is the last resort in absorbing the losses. Banks have been an important policy transmission tool in China as loans form 50% of the country's financing (excluding shadow banking) in 2022. As a comparison, the ratio is higher than 11% in the US (Chart 37). The tasks of absorbing losses and mitigating the impact of non-performing assets are not new as Chinese banks have had higher charge-off rates than global peers for ages (Chart 38).

**Chart 37**  
**Global Banks: Share of Direct and Indirect Financing (%), 2022**



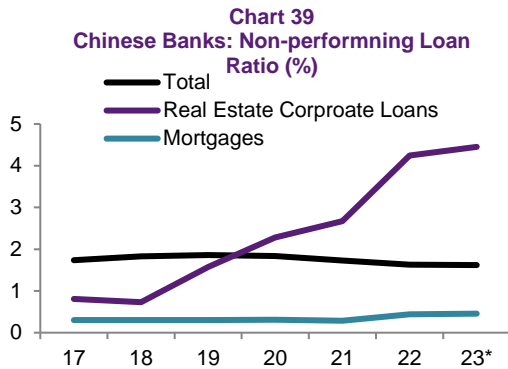
N.B. Shadow banking not included.  
Source: Natixis, Bloomberg, CEIC

**Chart 38**  
**Global Charge-offs Rates (% of Total Loans)**

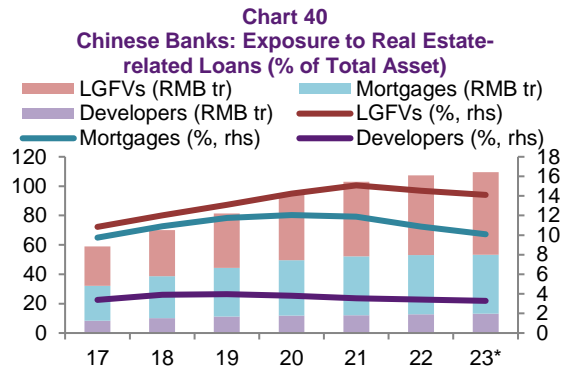


Source: Natixis, People's Bank of China, Financial Statements,

Regarding banks' asset quality, the impact of the broad real estate slowdown is still manageable to the sector itself. Chinese banks' overall non-performing loan (NPL) ratio remained stable at 1.62% in Q2 2023, a slight decline from 1.84% in 2020 (**Chart 39**). On the contrary, the NPL ratio for real estate corporate loans surged from 2.28% to 4.45% for the same period. Mortgages, the safest loan type for many years, also saw the NPL ratio rising from 0.31% to 0.46%.



N.B. Data as of 2023 Q2. Listed banks with available data included for real estate. Source: Natixis, China National Administration of Financial Regulation, Financial Statements, Bloomberg, WIND



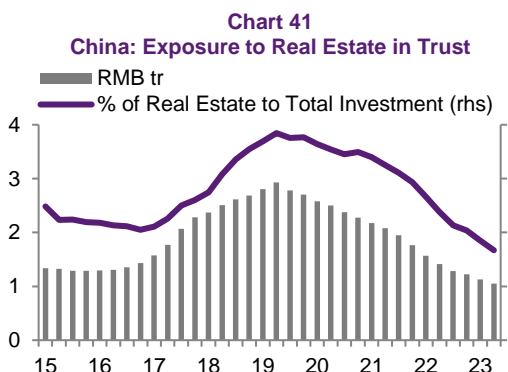
N.B. Data as of 2023 Q2. LGFV loans estimated from public disclosure. Source: Natixis, People's Bank of China, China Ministry of Finance, Financial Statements, CEIC, WIND

While the current picture shows everything under control, Chinese banks will face two challenges. First, LGFVs can be a ticking time bomb if the situation in real estate markets further deteriorates. From the banks' perspective, the exposure to developers, mortgages, and LGFVs are 3%, 10% and 14%, respectively (**Chart 40**). Banks can stomach the costs as the exposure to developers remains small on relative terms. Mortgages are also safe as most households are unlikely to default. The ambiguous definition of LGFVs can be an issue if local governments do not have enough resources to guarantee all repayment, should the fiscal situation worsen.

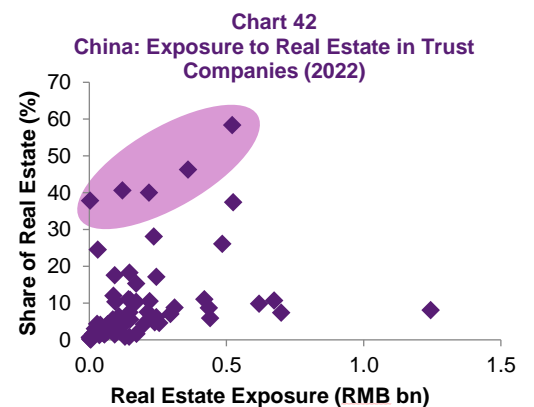
Second, the pressure from mortgages may not come from asset quality but from slower growth, which can take a toll on profit growth in the future. Either way, banks are poised to take a greater burden to support the economy and absorb the risks amid the transition away from real estate in China.

### Zhongzhi's crisis fires a warning shot among trust companies

While the traditional banking sector plays a centric role in China's real estate crisis, non-bank financial institutions (NBFI) also face contagion risks and offer resources to mitigate the impact from the macroeconomic level. Trust companies and insurers are two examples, and their direct exposure to real estate both declined.



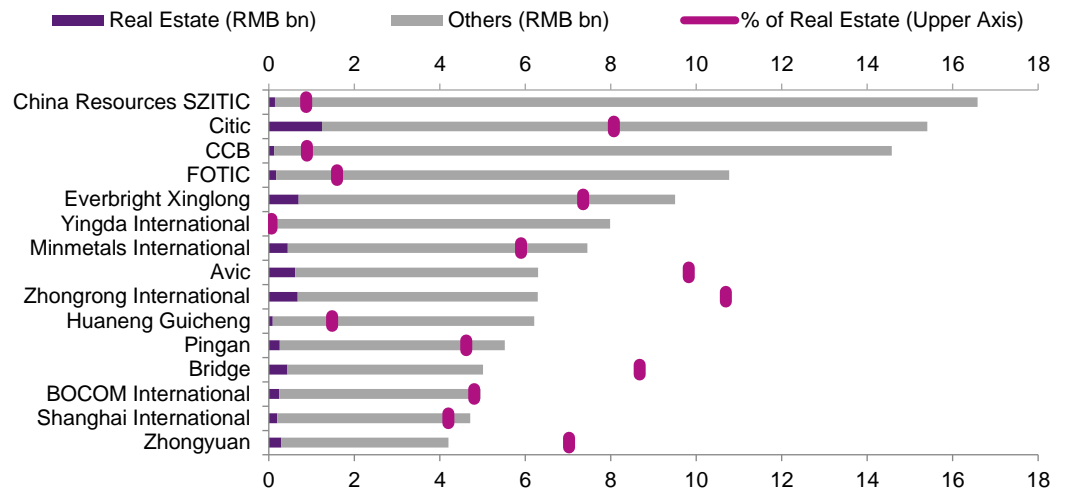
N.B. Data as of June 2023. Source: Natixis, China Trustee Association, WIND



Source: Natixis, Financial Statements, WIND

Starting with trust companies, the direct exposure to real estate fell from 15% in Q2 2019 to 6.7% in Q2 2023 (Chart 41). Most developers have sought any available funding sources when push comes to shove. In previous years, debts related to developers were securitized into trust products and sold to retail investors. Given the higher credit risks, many trust funds have reduced their property investment. Still, Zhongzhi's solvency crisis fires a warning shot to brewing contagion risks.

**Chart 43**  
China: Exposure to Real Estate by Top 15 Trust Companies



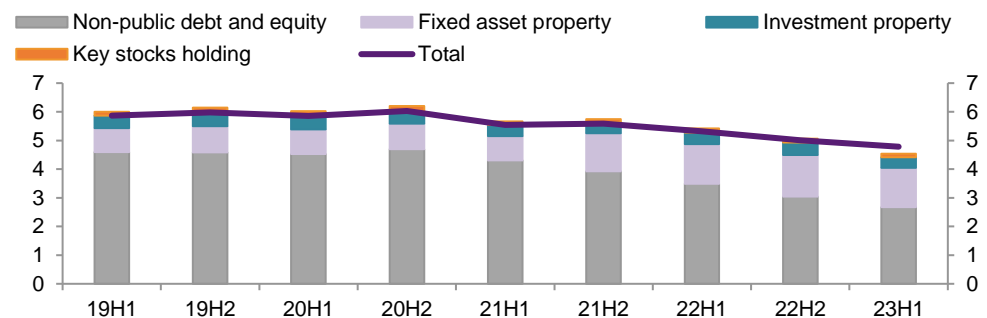
Source: Natixis, Financial Statements, WIND

While not all trust companies face the same stress, there are players with real estate exposure of higher than 40% of assets, and it can pose concentration risks upon any trigger in liquidity problems (Chart 42). The exposure seems contained among the top 15 players, and the industry should have enough capacity to consolidate if needed (Chart 43). Still, one should be wary that there can be indirect exposure to real estate, which is not captured in the analysis.

**Insurance is an alternative source to absorb losses**

Due to the concern about credit risks, the insurance sector also trimmed its exposure in real estate, falling from 6% in 2019 to 4.8% of total assets in H1 2023 (Chart 44). It may make sense from a business perspective. Still, given their large amount of financial resources, the Chinese government may encourage insurers to partially bail out real estate developers and absorb the related losses.

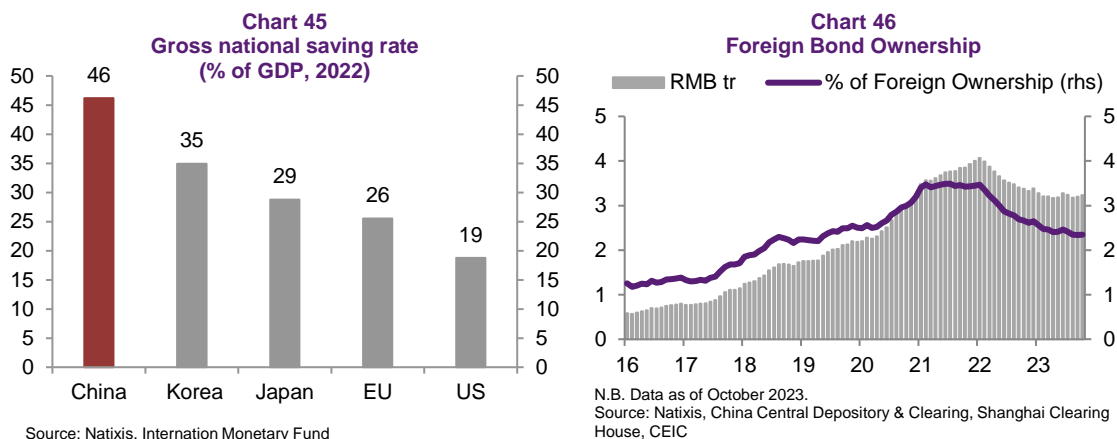
**Chart 44**  
Insurance Companies Exposure on Real Estate Sector (% of Total Assets)



N.B. Properties as fixed assets are included.  
Source: Natixis, Financial Statement, WIND

### Higher saving rate and low foreign debt ownership

Beyond the strong ability of the state to mobilize resources, China's high saving rate and low foreign debt ownership are the two drivers limiting the intervention risks. It means China has plenty of resources in the financial sector to absorb the losses, especially with household leverage on a global standard (**Chart 45**). The low foreign debt ownership and a closed capital account also lower the risks in capital flights, as in many other emerging economies (**Chart 46**). As such, China's financial sector can be the last resort for the real estate crisis, and it is only about how costly it will be for the economy and society.



## Conclusion: Impact on China and the world

### Real estate reflects broader structural issues in China

All in all, China's real estate crisis will bring economic consequence, but it is about both regulatory changes and structural slowdown, such as income growth, youth unemployment rate and aging population. Amid the transition away from real estate, local government, developers and other corporates are all poised to feel the heat. The financial sector will be the last resort as the state seeks to stabilize the sector, if needed. It all depends on whether there is a sector that is big enough the demand driven by real estate. While there are spotlights in the economy, such as electric vehicles, the size is simply not comparable to the contribution by real estate.

### China's import from the world may decelerate

For the world, China is the second largest economy and the biggest importer of key commodities and intermediate goods. The deceleration of the Chinese economy – in part stemming from the poor performance in real estate – is bad news. Still, it is unlikely to see cross-border financial transmission given the limited linkages and channels between China and the world. The main reason is that China's real estate crisis has been financed with its own savings. There is no aggregate financing constraint with the rest of the world that can make the crisis more acute.

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