

## **The Estonian Economy**

## Is the housing market overheating?

- Although housing affordability in Estonia has improved, compared with the peak of the last real estate boom, it has stayed at the same level for the past four years.
- Households' confidence in purchasing or building a home has improved in recent years.
- Households are more responsible in lending than ten years ago, and their risks are lower than in the last boom period.

Last year, prices of apartments in Estonia exceeded the peak of the 2007 real estate boom. However, compared with the peak of the last real estate boom, housing affordability in Estonia has improved. Ten years ago, the average net wage growth could not keep up with the average apartment price growth, which was more than twice as rapid as the growth of the average net wage making the purchase of real estate for consumers less affordable. Currently, the overall situation on the housing market is more favourable for homebuyers and their risks are lower than ten years ago. Households' confidence in purchasing or building a home has improved in recent years, and we expect that demand for housing should remain high, at least in the near future.

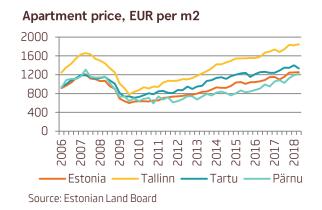
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## Are we reaching the peak of a new real estate boom?

Last year, prices of apartments in Estonia exceeded the peak of the 2007 real estate boom. In the second quarter of this year, the apartment price per square meter was 11% higher in Tallinn and 12% higher in Tartu than in 2007, whereas prices in Pärnu are still 7% below the last peak.

Recently, there have been many discussions about whether we are standing on the threshold of a new real estate boom. Opinions vary and reflect only the general mood on the real estate market, which is currently more cautious than the highly optimistic mood of ten years ago. Although prices are higher than at the peak of the last real estate boom, the overall situation on the housing market is more favourable for homebuyers and their risks are lower than ten years ago. Drawing a parallel only between current and 2007 price levels is inappropriate, therefore, to understand the current situation, one should take into account various economic indicators.



Apartment price relative to net wage 2,8 2,4 2 1,6 1,2 0,8 2012 2009 2010 -2013 2014 2016 2008 2017 2015 2006 205 Pärnu – Tallinn -- Tartu Estonia – Source: Estonian Land Board, Statistics Estonia

## Are prices of apartments already too high?

In the last three years, the average growth rate of apartment prices in Estonia has been around 8% (although 14% was reached in the second quarter of 2018); during the last boom, this growth rate was five times more rapid. Ten years ago, the average net wage growth could not keep up with the average apartment price growth, which was more than twice as rapid as the growth of the average net wage making the purchase of real estate for consumers less affordable. Today, the situation for homebuyers is more favourable than ten years ago –the tight labour market has been driving up wages, and thus, in recent years, the growth of the average net wage has been at a similar pace to that of the average apartment price.

Compared with the peak of the last real estate boom, housing affordability in Estonia has improved. In 2006 and 2007, on average, 2.5 times the monthly salary was needed to buy one square meter of an apartment in Tallinn; meanwhile, in Tartu and Pärnu this average was 2.1 and 2.5, respectively. Currently, this average is about 1.6 in Tallinn and 1.3 in Tartu and Pärnu. However, in the last four years, there have not been any significant changes in the affordability of housing. A similar path can also be seen in Riga and Vilnius, where the affordability of real estate has improved compared with the last boom period. The relative price of an apartment, among the three capitals of the Baltic countries, is highest in Vilnius, where on average 1.9 times the monthly salary is needed to buy one square meter of an apartment; and it is lowest in Riga, where this average is only 1.2.

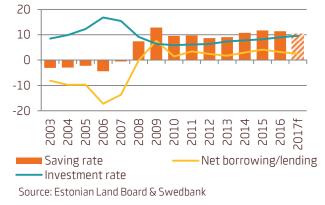
## Households' risks are lower than in the period of the last real estate boom

Activity growth on the real estate market is strong. However, the transaction count is currently still below the peak of the last boom (in the second quarter of 2018, the transaction count was around 5,850 apartments, while in the fourth quarter of 2006 it was almost 8,200). Households' confidence in purchasing or building a home has improved in recent years, and we expect that demand for housing should remain high, at least in the near future. In the long run, the deteriorating demographic situation should have an impact on demand. The majority of homebuyers are in their twenties and thirties, and this cohort is one of the largest among the different age groups. In ten years, however, this age group will be significantly smaller. Currently, there are almost 191,000 people in the age group of 25–34-year-olds, but in ten years according to Statistics Estonia this number is expected to decline by one-third.

One of the reasons for the high confidence of households is the favourable situation in the labour market for employees and the growing real purchasing power. In the last two years, the average gross wage has grown by almost 15%, and the employment rate is historically high (68,2% in the second quarter of 2018), as well as one of the highest in the European Union. According to the wealth effect theory, when households' assets grow in value, the households feel wealthier and more confident, and as a result they spend more. But, despite the theory, private consumption in Estonia is slowing, although it is still strong. Households' disposable income is higher than their consumption expenditure, which has enabled them to



Estonian households' financial indicators % of gross disposable income



grow their savings, although the distribution of savings is uneven. The growth of the stock of households' deposits has accelerated and is currently on the highest level in ten years. The households' saving rate is close to the EU average and according to the preliminary estimations, is the highest in the Baltics. Adding households' investments to their savings puts households' budgets in a slight surplus (i.e., net lending), whereas, during the previous boom, the balance was negative (net borrowing). In recent years, the growth of households' loan portfolio has been below the growth of deposits, while, during the last boom, the growth of housing loans was two times higher than the growth of deposits. Thus, thanks to the higher savings, households are better protected against potential risks. The strong financial situation of households has been supporting demand for housing, which, in turn, has been pushing up prices for dwellings. In the second quarter of 2018, the growth of the average apartment price in Estonia was the highest in three years, reaching 14%.

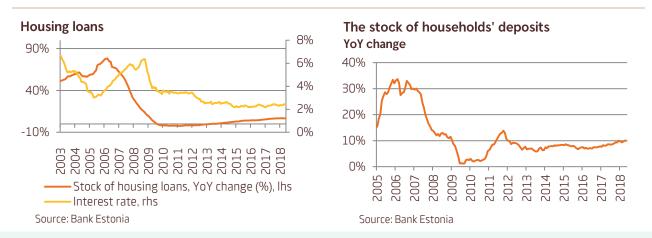
On the other hand, the low-interest-rate environment has also been supportive of households buying homes, as housing interest rates have been around 2.3-2.4% over the last few years and reached 2.5% this year. In 2006 and 2007, interest rates on housing were on average 4.9%. The six-month Euribor, which is most widely used in mortgage loan agreements as a base interest rate, has been negative since the end of 2015. We expect the ECB to start raising interest rates in the third quarter of next year. Although, market interest rates are expected to move upwards soon, they will remain quite low. Thus, the favourable interest rate environment will continue to encourage borrowing.

The rapid increase in the real purchasing power of households and low interest rates have contributed to the growth of the loan portfolio. Despite the high demand for housing in recent years, the growth in mortgage lending has been moderate, reaching on average 6% in two recent years. To compare, during the last peak, the growth of the stock of housing loans was on average 60% – ten times more rapid growth than now. The share of own funds in transactions has been at a rather high level in recent years, reaching about 44%, while, ten years ago almost every transaction was made with a mortgage loan.

Households are more responsible in lending than ten years ago, and their risks are lower than during the last boom period. In 2007, the share of overdue loans of over 60 days in the loan portfolio was around 0.4%; this share rose to 7.1% in the years of the crisis and is currently at 0,6%. Although, the share was slightly smaller in 2007 than it is now, the main difference is that since the crisis this ratio has been constantly declining; in 2007, however, the ratio was on an upward trend. Supervisory and financial institutions are taking seriously the reduction of risks related to the real estate market and financing, in order to help keep the risks for borrowers low in case of unexpected economic shocks, and to control the growth of the loan portfolio and, therefore, demand and price growth on the real estate market.

### Is this the best time for construction companies?

Activity in the construction sector is at the highest level in recent years –nearly 8,000 building permits for dwellings were issued, and almost 6,000 new dwellings were built last year. Nearly half of all the building permits and use permits for dwellings are being issued in Tallinn. The strong construction activity is also



3

reflected in the rapid growth of loans to real estate and construction companies (in the first half of this year, the growth in turnover of long-term loans for real estate and construction companies was more than 60%). This activity on the real estate market is supported by the high level of confidence of households. In the first quarter of this year, the stock of new apartments in Tallinn reached its highest level in recent years – more than 3,400 apartments; this is at present enough to cover higher demand. The share of newly built dwellings in total transactions has been growing for four quarters in a row, which, together with higher demand, is also driving up the average price of a dwelling.

The growth of issued building permits in 2017 was 30%; however, this was still not as high as during the previous real estate boom, when growth reached 120% in 2002 and almost 180% in 2004. Last year's economic growth was mostly supported by the construction sector, but, unlike during the previous boom, the contribution of public sector investments was higher than that of the private sector. Due to the higher number of building permits issued last year, there were also 30% more dwellings built in the first half of this year than at the same time a year ago; this means that, although supply has increased, it is still in a good balance with the higher demand. Construction companies' risks are higher as input costs of construction are growing. Rising labour and building materials costs, together with the fulfilment of demand, are expected to lower the number of new construction projects. Already in the first half of this year, the number of issued building permits for dwellings was 16% lower than at the same time last year; however, the contribution of the construction sector to economic growth should remain strong.

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5