

# THE HOUSING MARKET IN PORTUGAL

AN OVERVIEW OF THE EVOLUTION OF THE MOST RELEVANT ECONOMIC INDICATORS SINCE 2008

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### Information on the data series

The analysis of the Portuguese housing market takes the year 2008 as a reference year for analysis. The underlying reason for this choice is due to the onset of the financial crisis in 2008, which has greatly affected the Portuguese housing market.

The base year for indices is 2010, because most public data series are calculated indexed to the year 2010.

Please note that the starting year of some data series may not be in line with the reference year 2008. This is due to the limited public data availability. All data series are presented to the most recent data points up to the date of working.

## 1. Evolution of housing prices in Portugal

#### 1.1 Housing prices





Indicator	Real house prices
Measurement	Index (2010=100), quarterly data available from 1999 to Q3 2017
Source	OECD data. Last update, 16.02.2018. Retrieved from:
	https://stats.oecd.org/Index.aspx?DataSetCode=HOUSE_PRICES#
Objective	Measure the evolution of the real house prices in Portugal
Observation	Portuguese real house prices have increased since the second half
	of 2013. This is reverting the downward trend of prices since the
	beginning of the financial crisis
Interpretation	Prices in Portugal quickly recovered to pre-crisis levels and are now
	slightly above the European average. In comparison, real house
	prices in Spain remain substantially below the pre-crisis level of
	2008. The adjustment program from 2011 may have contributed to
	a faster recovery





Objective	Measure the quarterly percentage change of real house prices
Observation	The change in real house prices was very pronounced during the
	years following the financial crisis
Interpretation	The sharp changes in the Portuguese real house prices after the
	crisis reflect the vulnerability, but also the quick recovery of the
	Portuguese housing market





#### Figure 4 - Evolution of the house price-to-rent ratio



Source	OECD data. Last update, 16.02.2018. Retrieved from:
	https://data.oecd.org/hha/housing.htm
Objective	The nominal house price-to-rent price ratio provides a
	measurement about whether or not it is more profitable to buy or
	rent property (profitability of house ownership).
Observation	The ratio has continuously fallen since the beginning of the financial
	crisis. Yet, the ratio has not returned to its pre-crisis levels
Interpretation	The crisis and reforms in the housing market led to a relatively
	larger increase of rental prices to housing prices. Hence, owning a
	house became relatively more attractive to tenants





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85	
<b>80</b> 2009	2010 2011 2012 2013 2014 2015 2016
Indicator	Housing price index HPL (Rase 2010) by category of housing unit
Measurement	$100 \sin g$ price index, $111 (base - 2010)$ by category of 100 sing unit
Weasurement	2017
Source	Instituto Nacional de Estatística (INE). Last update, 16.02.2018.
	Retrieved from:
	https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indicadores
	&indOcorrCod=0007837&contexto=bd&selTab=tab2
Objective	Measure the evolution of prices for different housing categories
Observation	The price increases across different housing units differ. Prices
	between the new and existing housing units diverged after the
	crisis, but prices for existing housing units sharply increased since
	2013
Interpretation	The sharp price increase in existing housing units is a main driver of
	the most recent hike in housing prices. This may indicate that
	existing housing units have strongly benefited from the new market
	environment

Figure 6 - Housing price index by category of housing unit

1.2 Rental and non-rental housing prices



Figure 7 – Rental value index and house price index

#### Figure 8 – Rental value index in international comparison



	Retrieved from:
	http://sdw.ecb.europa.eu/quickview.do?SERIES_KEY=122.ICP.M.ES.
	N.041000.4.INX
Objective	Compare the change in rental prices between similar countries
Observation	The rent prices in Greece decreased after the economic crisis,
	whereas the rent prices in Spain and Portugal were not affected by
	the economic crisis
Interpretation	Rental prices in Portugal and Spain seem to be more resilient to
	economic shocks than in Greece

#### 1.3 Residential and commercial housing prices

Figure 9 – Residential and commercial property price index



## 2. Key markets to determine housing prices in Portugal

### 2.1 Financial market

Figure 10 - Housing loans







Measurement	Interest rate in percent; monthly data available from Jan 2003 to
	Nov 2017
Source	Banco de Portugal (BP), statistics. Last update, 16.02.2018.
	Retrieved from:
	https://www.bportugal.pt/EstatisticasWeb/(S(zx2lgr45ox1p2n554fz
	ccbq2))/SeriesCronologicas.aspx
Objective	Measure the interest rate on new housing loans
Observation	The interest rates on new housing loans dropped sharply after the
	crisis before they started to increase again. In 2012, interest rates
	peaked again and have been gradually declining afterwards
Interpretation	The last peak in 2012 can be explained by the European debt crisis.
	Whereas the recent decline in interest rates on new housing loans
	can largely be attributed to the low interest environment and the
	open market operations pursued by the European Central Bank

#### 2.2 Construction market







#### Figure 13 –Licensed dwellings (No.) in new constructions

#### 2.3 Space market

Figure 14 – Number of transactions of housing units



	Retrieved from:
	https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_base_dados
Objective	Measure the level of transaction activity in the housing market
Observation	After a decline in the total number of transactions, the overall level
	of transaction has increased in recent years
Interpretation	Through the structural reforms in the housing market and the
	improvement in the economic environment, the transactions of
	existing housing units in the housing market seem to have been
	stimulated. The dynamics are mainly driven by existing housing units
	in Portugal

## Figure 15 – Transactions value of housing units in Euro

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> 2009	2010 2011 2012 2013 2014 2015 2016 2017
<b>——</b> To	tal in Portugal — • New in Portugal — Existing in Portugal
••••• To	otal in Lisbon M.A. — • New in Lisbon M.A. – • • Existing in Lisbon M.A.
Indicator	Transactions ( $\in$ ) of housing units by Geographic localization (NUTS -
	2013) and category of housing unit
Measurement	Measured in thousands of Euro; quarterly data available from Q1
-	2009 to Q3 2017
Source	Instituto Nacional de Estatística (INE). Last update, 16.02.2018.
	Retrieved from:
	https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_base_dados
Objective	Measure the total value of transaction activity in the housing market
Observation	There has been a sharp increase in transaction value during the last
	years
Interpretation	The value of transactions is exceeding pre-crisis levels and is mainly
	driven by existing housing units in Portugal. It indicates that existing
	housing units have been revalued substantially and increased in
	value





