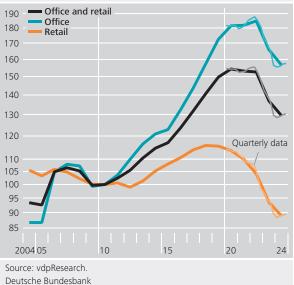


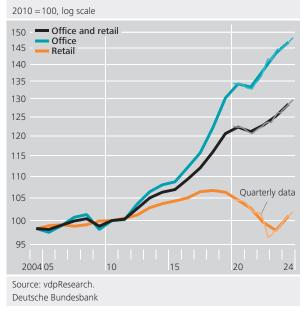
System of indicators for the German commercial real estate market Price indicators

Prices of commercial real estate in Germany by type of property

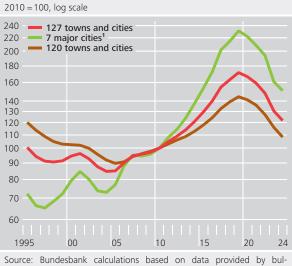




Rents for commercial real estate in Germany by type of property



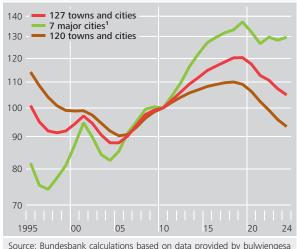
Prices of commercial real estate^{*} in Germany by town category



Source: Bundesbank calculations based on data provided by bulwiengesa AG. * Office and retail (core properties). **1** Berlin, Cologne, Düsseldorf, Frankfurt am Main, Hamburg, Munich and Stuttgart. Deutsche Bundesbank

Rents for commercial real estate^{*} in Germany by town category

2010 = 100, log scale



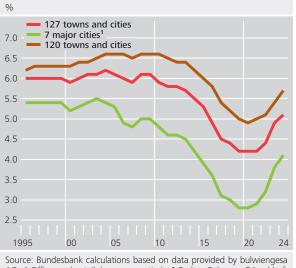
Source: Bundesbank calculations based on data provided by bulwiengesa AG. * Office and retail (core properties). **1** Berlin, Cologne, Düsseldorf, Frankfurt am Main, Hamburg, Munich and Stuttgart. Deutsche Bundesbank

07 March 2025



System of indicators for the German commercial real estate market Price indicators

Net initial yield for commercial real estate^{*} by town category

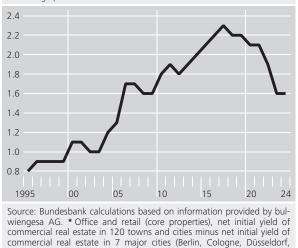


Source: Bundesbank calculations based on data provided by bulwiengesa AG. * Office and retail (core properties). **1** Berlin, Cologne, Düsseldorf, Frankfurt am Main, Hamburg, Munich and Stuttgart. Deutsche Bundesbank

Yield differential between commercial real estate in 120 towns and cities and 7 major cities^{*}

Percentage points

Deutsche Bundesbank

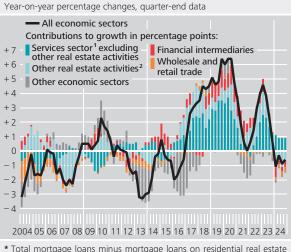


Frankfurt am Main, Hamburg, Munich and Stuttgart).



System of indicators for the German commercial real estate market Financial Indicators

Mortgage loans on property for commercial use in Germany^{*}



 * Total mortgage loans minus mortgage loans on residential real estate according to the borrowers statistics.
1 Including self-employment.
2 Purchase, sale, rental and management of commercial real estate, facility management enterprises.
Deutsche Bundesbank

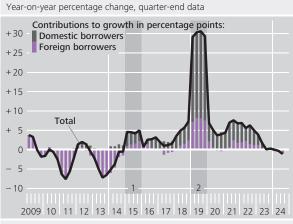
Mortgage loans on property for commercial use in selected economic sectors^{*}

Year-on-year percentage change



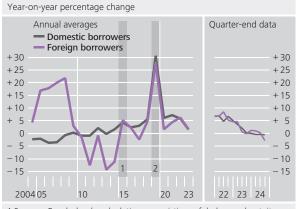
 * Total mortgage loans minus mortgage loans on residential real estate according to the borrowers statistics.
1 Including self-employment.
2 Purchase, sale, rental and management of commercial real estate, facility management enterprises.
Deutsche Bundesbank

Loans by domestic credit institutions entailing commercial property risk^{*}



* Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implementation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). 1 Reporting threshold lowered from 2015.
2 Definition of "credit" expanded from 2019.
Deutsche Bundesbank

Loans by domestic credit institutions entailing commercial property risk to domestic and foreign borrowers^{*}



* Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implementation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). 1 Reporting threshold lowered from 2015.
2 Definition of "credit" expanded from 2019.
Deutsche Bundesbank



System of indicators for the German commercial real estate market **Financial Indicators**

Loans to domestic borrowers entailing commercial property risk*

Year-on-year percentage change, quarter-end data



* Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implemen-tation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). **1** Purchase, sale, rental and management of commercial real estate. 2 Reporting threshold lowered from 2015. 3 Definition of "credit" expanded from 2019. Deutsche Bundesbank

Loans to domestic borrowers entailing commercial property risk by economic sector*



^{*} Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implemen-tation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). **1** Purchase, sale, rental and management of commercial real estate. 2 Reporting threshold lowered from 2015. 3 Definition of "credit" expanded from 2019.

Deutsche Bundesbank

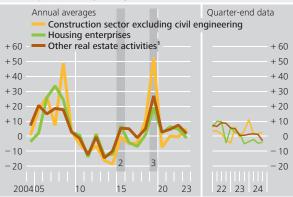
Loans to foreign borrowers entailing commercial property risk*

Year-on-year percentage change, quarter-end data Contributions to growth in percentage points: +30Construction sector excluding civil engineering Housing enterprises +20 Other real estate activities¹ +10Tota -103 -20 2009 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

* Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implementation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). **1** Purchase, sale, rental and management of commercial real estate. **2** Reporting threshold lowered from 2015. 3 Definition of "credit" expanded from 2019. Deutsche Bundesbank

Loans to foreign borrowers entailing commercial property risk by economic sector*

Year-on-year percentage change



* Source: Bundesbank calculations consisting of balance sheet items, off-balance-sheet items and derivatives, based on data from the Deutsche Bundesbank's central credit register. Approximate implementation of the classification put forward by the European Systemic Risk Board ((ESRB), 2016/14). 1 Purchase, sale, rental and management of commercial real estate. 2 Reporting threshold lowered from 2015. 3 Definition of "credit" expanded from 2019. Deutsche Bundesbank

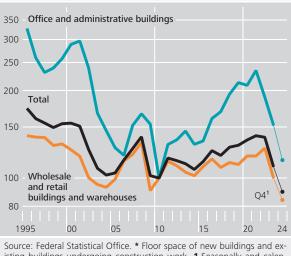


System of indicators for the German commercial real estate market

Real economic indicators

Building permits for commercial real estate in Germany by type of property^{*}

2010 = 100, log scale



isting buildings undergoing construction work. 1 Seasonally and calendar adjusted. Deutsche Bundesbank

Commercial building construction in Germany

Annual data, at current prices 3.5 As a percentage of GDP 3.0 Quarterly data¹ 2.5 2.0 1.5 Percentage points +0.4 Quarterly data + 0.2 Year-on-year change البالي JII. 0 - 0.2 -0.4 1995 00 05 10 15 20 24 Source of the unadjusted figures: Federal Statistical Office. 1 Seasonally

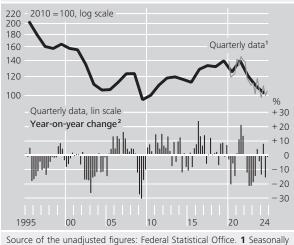
and calendar adjusted. 2 Only calendar adjusted. Deutsche Bundesbank

Building permits for and completions of commercial real estate in Germany* Floor space in millions of square metres, log scale Wholesale and retail buildings and warehouses 16 14 Permits 12 10 Completions 8 Office and administrative buildings 6 4 2 1995 00 05 10 15 20 23

Source: Federal Statistical Office. * Construction of new buildings and construction work on existing buildings. Deutsche Bundesbank

New orders for commercial building construction in the main construction industry in Germany

Annual data, at constant prices

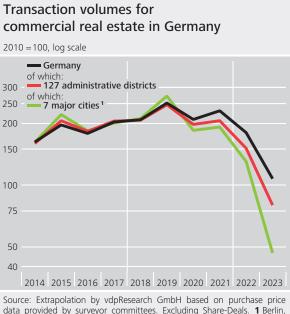


and calendar adjusted. 2 Only calendar adjusted. Deutsche Bundesbank

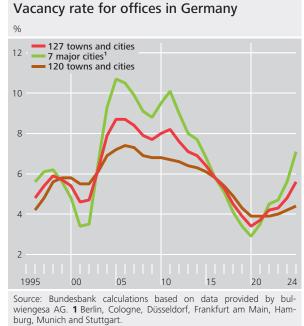


System of indicators for the German commercial real estate market

Real economic indicators



data provided by surveyor committees. Excluding Share-Deals. 1 Berlin, Dusseldorf, Frankfurt am Main, Hamburg, Cologne, Munich and Stuttgart. Deutsche Bundesbank



Deutsche Bundesbank