Rent dispersion driven by structural elements Five observations on German CRE

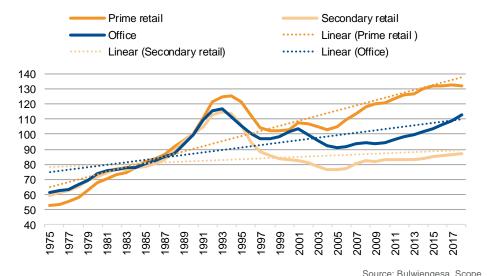


German office and secondary retail commercial real estate rents are catching up with past stagnation. The picture does not break down equally, however, and volatility between sub-asset classes and location differs. Office rents in Germany are generally around their long-term levels, but rental levels in the big cities are much higher, potentially implying that unsustainable levels have been reached regionally. However, the short-term trend is likely to be reinforced by construction backlogs and further pressure on vacancy rates. Current rents for retail are below the long-term average. Structural elements, however, will prevent further growth.

First Observation: On average, German commercial rents are not inflated but...

German office and commercial real estate rents are, on average, around their-long term mean, supported by strong growth in the last decade for office and prime retail following long-term stagnation or even declining rents in earlier years. Secondary retail, however, remains below its long-term growth.

Nominal rent index & long-term trend (since 1975)



Commercial rents are driven by multiple factors impacting supply and demand. Rental returns are driven primarily by micro location and the specific local environment. However, on a macro level the long-term trend can be a useful tool for assessing the sustainability of rents, with the caveat that structural elements can drastically change the nature of any market over the medium term. Retail is a prime example of this, given its vulnerability to e-commerce and changes in customer behaviour that are structurally changing the market.

Second Observation: ...rental growth is not equally distributed across German CRE

Growth is not distributed equally across CRE segments. In line with the general trend in market values, office space shows the strongest rental level, at 2.9% above the long-term average. While this is moderate, office rents in the Big Seven cities (Berlin, Hamburg, Munich, Cologne, Frankfurt, Stuttgart, Duesseldorf) are 8.4% above average levels, albeit with strong heterogeneity between locations. On the other hand, cities and towns are around their long-term average (0.4% above).

Analysts

Mathias Pleißner +49 69 6677389 39 m.pleissner@scoperatings.com

Florent Albert +49 30 27891 164 f.albert@scoperatings.com

Outreach

Debbie Hartley +44 778 729 8528 d.hartley@scopegroup.com

Business Development

Mike MacKenzie +44 7823 338 061 m.mackenzie@scopegroup.com

Related Research

German commercial real estate refinancing risk surging. October 2018

Corporates Outlook 2019/Retailing: Profitability expected to be under pressure. January 2019

Further growth still expected in German residential house prices. January 2019

Scope Ratings GmbH

Neue Mainzer Straße 66-68 D-60311 Frankfurt am Main

Phone +49 69 66 77 389 0

Headquarters

Lennéstraße 5 10785 Berlin

Phone +49 30 27891 0 Fax +49 30 27891 100

info@scoperatings.com www.scoperatings.com





in Bloomberg: SCOP

21 February 2019 1/4



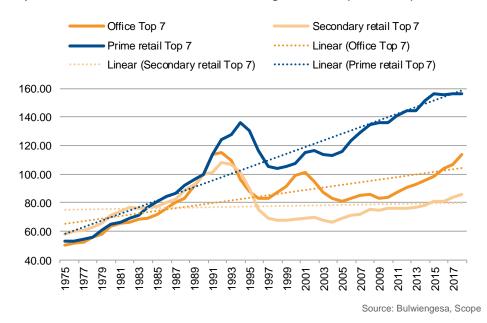
Rent dispersion driven by structural elements

Five observations on German CRE

Prime high-street retail locations, on the other hand, show rents 4.4% below their long-term average with two different trends: Top 7 city rents are close to average levels while retail rents in cities and towns remain low (around 6% below average).

For secondary retail, the respective trends diverge even more strongly: 7% above their average for big cities; 6.9% and 5.8% below their respective long-term average for cities and towns.

Top 7 German cities: nominal rent index & long-term trend (since 1975)



The difference in rental levels between urban and rural areas is also comparable to Scope analysis published in October 2018 which highlighted that market values for commercial properties are above our sustainable averages, especially in the largest cities (German commercial real estate – refinancing risk surging).

Third Observation: Retail rents driven by structural elements; the long-term trend will not persist

The squeeze on profitability for retailers vulnerable to changes in consumer behaviour and the growth in e-commerce limits demand for prime retail space, putting rents under pressure. Accordingly, the retail segment is not expected to close the gap to its long-run trend over the foreseeable horizon¹.

The strong long-term growth of retail of up to 2.8% p.a. (since 1975) for high-street locations in the Big Seven cities is not seen as sustainable due to structural economic changes as well as changes in consumer behaviour crystallised by online growth that is driving the market. Scope has a negative view on retail rental growth and does not expect further growth over the medium term.

A correction is most likely for high-street retail more exposed to e-commerce competition, as rental costs would not be offset by adequate revenues in a low-margin business model environment. We foresee shopping malls in the largest cities (secondary locations) still showing smooth rental increases and stability, however.

21 February 2019 2/4

¹ Corporates Outlook 2019/Retailing: Profitability expected to be under pressure. January 2019



Rent dispersion driven by structural elements

Five observations on German CRE

Fourth Observation: Despite strong levels, office rents are not expected to drop in big cities

German offices may have reached a stage of elevated and potentially unsustainable rental levels indicated by the distance to its long-term average of +8.4%. Constant growth in office rents in the Big Seven cities has been 3.5% p.a. since 2010, but just 0.85% p.a. between 2000 and today. However, over the short term, we expect the momentum in rent increases in the Big Seven cities to continue due to structural effects such as construction shortages², further pressure on vacancy rates and Brexit-driven demand.

Fifth Observation: Rent growth volatility differs among sub-asset class and location.

Observed volatility differs within the commercial real estate sub-asset classes. The highest volatility in rental growth was observed for office. Further, within office we see the strongest dispersion between Top Seven and cities/towns.

On the other hand, volatility for retail is relatively balanced, though interestingly less pronounced in cities than in towns.

Observed rent growth volatility

Observed rent growth volatility	Office	Prime retail	Secondary retail
Top 7	5.3%	4.4%	4.6%
Cities	2.9%	3.5%	3.6%
Towns	3.1%	4.3%	4.3%

Long term trend remains vital element in Scopes credit analysis

Scope's forward-looking approach to CRE considers long-term trends and volatility for rents and property prices. It also embeds macro and micro structural changes impacting sub-asset classes or specific locations which promote further credit differentiation between property portfolio.

21 February 2019 3/4

² Bundesbank: Building permits for and completions of commercial real estate in Germany. November 2018



Rent dispersion driven by structural elements

Five observations on German CRE

Scope Ratings GmbH

Headquarters Berlin

Lennéstraße 5 D-10785 Berlin

Phone +49 30 27891 0

London

Suite 301 2 Angel Square London EC1V 1NY

Phone +44 20 3457 0444

Oslo

Haakon VII's gate 6 N-0161 Oslo

Phone +47 21 62 31 42

info@scoperatings.com www.scoperatings.com

Frankfurt am Main

Neue Mainzer Straße 66-68 D-60311 Frankfurt am Main

Phone +49 69 66 77 389 0

Madrid

Paseo de la Castellana 95 Edificio Torre Europa E-28046 Madrid

Phone +34 914 186 973

Paris

1 Cour du Havre F-75008 Paris

Phone +33 1 8288 5557

Milan

Via Paleocapa 7 IT-20121 Milan

Phone +39 02 30315 814

Disclaimer

© 2019 Scope SE & Co. KGaA and all its subsidiaries including Scope Ratings GmbH, Scope Analysis GmbH, Scope Investor Services GmbH and Scope Risk Solutions GmbH (collectively, Scope). All rights reserved. The information and data supporting Scope's ratings, rating reports, rating opinions and related research and credit opinions originate from sources Scope considers to be reliable and accurate. Scope does not, however, independently verify the reliability and accuracy of the information and data. Scope's ratings, rating reports, rating opinions, or related research and credit opinions are provided 'as is' without any representation or warranty of any kind. In no circumstance shall Scope or its directors, officers, employees and other representatives be liable to any party for any direct, indirect, incidental or other damages, expenses of any kind, or losses arising from any use of Scope's ratings, rating reports, rating opinions, related research or credit opinions. Ratings and other related credit opinions issued by Scope are, and have to be viewed by any party as, opinions on relative credit risk and not a statement of fact or recommendation to purchase, hold or sell securities. Past performance does not necessarily predict future results. Any report issued by Scope is not a prospectus or similar document related to a debt security or issuing entity. Scope issues credit ratings and related research and opinions with the understanding and expectation that parties using them will assess independently the suitability of each security for investment or transaction purposes. Scope's credit ratings address relative credit risk, they do not address other risks such as market, liquidity, legal, or volatility. The information and data included herein is protected by copyright and other laws. To reproduce, transmit, transfer, disseminate, translate, resell, or store for subsequent use for any such purpose the information and data contained herein, contact Scope Ratings GmbH at Lennéstraße 5 D-10785 Berlin.

Scope Ratings GmbH, Lennéstraße 5, 10785 Berlin, District Court for Berlin (Charlottenburg) HRB 192993 B, Managing Directors: Torsten Hinrichs and Guillaume Jolivet.

21 February 2019 4/4