RESIDENTIAL RESEARCH





RESIDENTIAL PRICE INDEX HIGHER Seventy-four percentage points now separate the world's strongest and

Seventy-four percentage points now separate the world's strongest and weakest-performing mainstream city housing markets. Kate Everett-Allen examines the latest set of results.

CHINESE CITIES DRIVE GLOBAL

Results for Q1 2016

The Global Residential Cities Index increased by 4.5% in the year to March 2016

Chinese cities now account for four of the world's top five performing cities

Shenzhen leads the rankings prices rose on average by 63% over the 12-months to March 2016

Scandinavia is home to five of Europe's top ten performing city housing markets

Prior to the UK's Brexit decision, London was the UK's strongestperforming city and Europe's third strongest



KATE EVERETT-ALLEN International Residential Research

"Chinese cities now account for four of the top five performing cities but new measures introduced in March in some Tier 1 cities such as Shenzhen and Shanghai are likely to lead to more muted growth during the remainder of 2016."

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For the latest news, views and analysis on the world of prime property, visit <u>Global</u> <u>Briefing</u> or <u>@kfglobalbrief</u> The Global Residential Cities Index, which is based on official house price data published by either National Statistic Offices or Central Banks, for 150 cities across the world, increased by 4.5% in the year to March 2016.

Seventy-four per cent of the cities tracked by the index saw house prices rise in the year to March 2016. The gap between the strongest and weakest performing housing market has expanded from 55 percentage points last quarter to 74.

The widening gap can, to a large extent, be attributed to the phenomenal rate of growth recorded in the Chinese city of Shenzhen. This rapidly-expanding technology hub, located within 11 miles of Hong Kong, saw annual price growth jump from 48% last quarter to 63% in the year to March 2016.

Chinese cities now account for four of the top five performing cities but new measures introduced in March in some Tier 1 cities such as Shenzhen and Shanghai are likely to lead to more muted growth during the remainder of 2016. The new rules range from higher down payments for first and second homes as well as longer residency requirements for non-locals wishing to purchase.

Scandinavia is emerging as a key centre of growth. The cities of Stockholm, Gothenburg, Malmo, Oslo and Copenhagen all recorded annual price growth of between 9% and 17% in the year to March. Low levels of new supply, high demand and cheap finance are fuelling price growth across the region.

Vancouver continues to be North America's stellar performer, prices ended the year to March 17% higher. A proposal by Mayor Robertson to tax empty homes is under discussion as a means to increase rental supply and address the lack of affordable homes in the city.

Despite the recent slowdown in their economies and fall in sales, analysis post-Lehman highlights the extent to which cities in emerging markets such as Rio de Janeiro, Sao Paulo and Bogota still stand out, having recorded price growth of 236%, 190% and 99% respectively in the eight years since 2008. (figure 4).

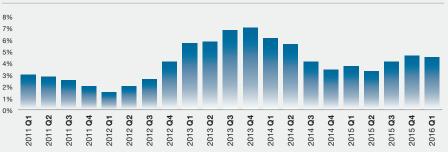
Life post-Brexit

The data under analysis covers the period to Q1 2016 but looking to the future, all eyes will now be on the UK's decision to leave the EU and the impact it has on property markets, not just in the UK but globally.

Future domestic demand will be linked to the direction of interest rates, changes to mortgage rules and employment growth whilst currency shifts will be the key determinant of cross-border investment.

FIGURE 1





Source: Knight Frank Research

GLOBAL RESIDENTIAL CITIES INDEX Q1 2016





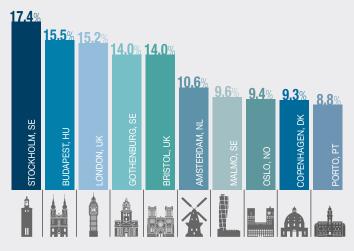
Annual change in house prices

Over 20%

- 🛑 10% to 20%
- 🛑 5% to 10%
- 0% to 5%
- Below 0%

FIGURE 3

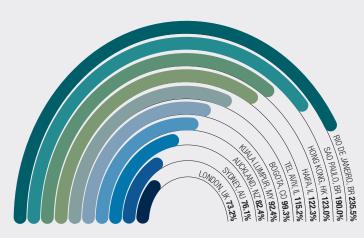
Focus on Europe: strongest risers 12 month % change to Q1 2016



Source: Knight Frank Research

FIGURE 4

Post-Lehman: Brazil's cities outperform % change Q3 2008-Q1 2016*



Source: Knight Frank Research

Note: Where official data is published for multiple cities we have selected those cities with the highest GDP or included only those cities tracked by official source. *Where data available

Knight Frank Global Residential Cities Index, Q1 2016 Ranked by annual % change

1 2 3 4 5 6 6 7 8 9 9 10 11 12	Shenzhen, CN Shanghai, CN Istanbul, TR Nanjing, CN Beijing, CN Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN Durban, ZA	62.5% 30.5% 19.6% 17.8% 17.6% 17.4% 17.3% 16.9% 16.7%	51 52 53 54 55 56 56	Hague, NL Los Angeles, US Wellington, NZ Kuala Lumpur, MY Atlanta, US Reykjavik, IS	7.0% 6.4% 6.4% 6.4%	101 102 103	Chicago, US Washington, US	1.7% 1.4%
2 3 4 5 6 7 8 9 9 10 11	Shanghai, CN Istanbul, TR Nanjing, CN Beijing, CN Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	30.5% 19.6% 17.8% 17.6% 17.4% 17.3% 16.9%	53 54 55 56 57	Los Angeles, US Wellington, NZ Kuala Lumpur, MY Atlanta, US	6.4%		Washington, US	1.4%
3 4 5 6 7 8 9 10 11	Istanbul, TR Nanjing, CN Beijing, CN Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	19.6% 17.8% 17.6% 17.4% 17.3% 16.9%	53 54 55 56 57	Wellington, NZ Kuala Lumpur, MY Atlanta, US	6.4%			
4 5 6 7 8 9 10 11	Nanjing, CN Beijing, CN Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	17.8% 17.6% 17.4% 17.3% 16.9%	54 55 56 57	Kuala Lumpur, MY Atlanta, US			Winnipeg, CA	1.2%
5 6 7 8 9 10 11	Beijing, CN Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	17.6% 17.4% 17.3% 16.9%	55 56 57	Atlanta, US		104	Qingdao, CN	1.2%
6 7 8 9 10 11	Stockholm, SE Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	17.4% 17.3% 16.9%	56 57		6.4%	105	Lyon, FR	1.1%
7 8 9 10 11	Vancouver, CA Auckland, NZ Izmir, TR Lucknow, IN	17.3% 16.9%		INCYRIAVIN, IO	6.4%	106	Sao Paulo, BR	1.1%
8 9 10 11	Auckland, NZ Izmir, TR Lucknow, IN	16.9%		Haifa, IL	6.3%	107	Tallinn, EE	0.7%
10 11	Izmir, TR Lucknow, IN		58	Kolkata, IN	6.3%	108	Valencia, ES	0.4%
10 11	Lucknow, IN		59	Miami, US	6.2%	109	Shenyang, CN	0.2%
11		16.1%	60	Manchester, UK	6.2%	110	Yantai, CN	0.1%
		15.8%	61	San Diego, US	6.1%	111	Ljubljana, Sl	0.1%
	Budapest, HU	15.5%	62	Las Vegas, US	6.0%	112	Montreal, CA	0.0%
13	Guangzhou, CN	15.3%	63	Detroit, US	6.0%	113	Bologna, IT*	-0.1%
14	London, UK	15.2%	64	Phoenix, US	5.6%	114	Ottawa Gatineau, CA	-0.1%
15	Gothenburg, SE	14.0%	65	Bogota, CO	5.3%	115	Paris, FR	-0.2%
16	Bristol, UK	14.0%	66	Zhengzhou, CN	5.3%	116	Florence, IT*	-0.4%
17	Bangalore, IN	12.5%	67	Lisbon, PT	5.3%	117	Edmonton, CA	-0.5%
18	Portland, US	12.3%	68	Riga, LV	5.2%	118	Dalian, CN	-0.8%
19	Hangzhou, CN	11.9%	69	Rotterdam, NL	5.1%	119	Milan, IT*	-0.8%
20	Mumbai, IN	11.1%	70	Malaga, ES	4.9%	120	Limassol, CY	-1.2%
20	Seattle, US	10.8%	70	Nottingham, UK	4.7%	121	Tangshan, CN	-1.9%
22	Amsterdam, NL	10.6%	72	Canberra, AU	4.6%	121	Larnaca, CY	-1.9%
23	Santiago, CL	10.6%	73	Tokyo, JP	4.4%	123	Napoli, IT*	-1.9%
23 24	Hamilton, CA	10.5%	73	Charlotte, US	4.3%	123	St. Petersburg, RU	-1.9%
25	Ahmedabad. IN	10.4%	75	Boston, US	4.3%	125	Helsinki, Fl	-2.3%
26	Denver, US	9.9%	76	Madrid, ES	4.2%	125	Quebec, CA	-2.4%
27	Ankara, TR	9.9%	77	Hobart, AU	4.2%	127	Turin, IT*	-2.5%
28	Melbourne, AU	9.8%	78	Brisbane, AU	4.1%	127	Rio de Janeiro, BR	-2.5%
29	Delhi, IN	9.8%	79	Seoul, KR	4.0%	129	Marseille, FR	-2.8%
30	Sydney, AU	9.7%	80	Dublin, IE	3.9%	130	Venice, IT*	-3.0%
31	Malmo, SE	9.6%	81	Vienna, AT	3.9%	131	Singapore, SG	-3.1%
32	Oslo, NO	9.4%	82	Jerusalem, IL	3.8%	132	Edinburgh, UK	-3.1%
33	Copenhagen, DK	9.3%	83	Minneapolis, US	3.7%	133	Nicosia, CY	-3.3%
34	Toronto, CA	9.0%	84	Glasgow, UK	3.4%	134	Zagreb, HR	-3.5%
35	Johannesburg, ZA	9.0%	85	Adelaide, AU	3.1%	135	Palermo, IT*	-3.5%
36	Porto, PT	8.8%	86	Jinan, CN	3.1%	136	Rome, IT*	-3.6%
37	Cape Town, ZA	8.5%	87	Skopje, MK	3.1%	137	Calgary, CA	-3.7%
38	Dallas, US	8.5%	88	Zurich, CH	3.0%	138	Trieste, IT*	-3.8%
39	Victoria, CA	8.5%	89	Tel Aviv, IL	3.0%	139	Athens, GR	-4.2%
39 40	San Francisco, US	8.4%	90	Cleveland, US	2.8%	139	Perth, AU	-4.2%
40 41	Chennai, IN	8.2%	90	Bern, CH	2.8%	140	Halifax, CA	-4.6%
41 42	Barcelona, ES	8.2%	91	Brussels, BE	2.7%	141	Darwin, AU	-4.9%
+2 43	Birmingham, UK	8.0%	92	New York, US	2.7%	142	Hong Kong, HK**	-4.9%
43 44	Mexico City, MX	7.8%	93	Bratislava, SK	2.6%	143	Genoa, IT*	-5.1%
	Utrecht, NL		94 95	Chengdu, CN	2.6%	144	Jaipur, IN	-5.1%
45 16	Wuhan, CN	7.7%		<u> </u>	2.3%		Sevilla, ES	-5.2%
46 47			96	Wuxi, CN		146		
47 49	Kanpur, IN	7.6%	97	Lille, FR	2.3%	147	Thessaloniki, GR	-6.7%
48 40	Tampa, US	7.6%	98	Chongqing, CN	2.0%	148	Moscow, RU	-8.1%
49 50	Tianjin, CN Ningbo, CN	7.2% 7.2%	99 100	Kochi, IN Changsha, CN	2.0% 1.7%	149 150	Taipei City, TW Aberdeen, UK	-8.2% -11.3%

Source: Knight Frank Research *Asking prices ** Provisional

AT Austria, AU Australia, BE Belgium, BR Brazil, CA Canada CH Switzerland, CL Chile, CN China, CO Bogota, CY Cyprus, CZ Czech Republic, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France GR Greece, HK Hong Kong, HR Croatia, HU Hungary, IE Ireland IL Israel, IN India, IS Iceland, IT Italy, JP Japan, KR South Korea, LV Latvia, MK Macedonia, MX Mexico City, MY Malaysia, NL Netherlands, NO Norway, NZ New Zealand, PT Portugal, RU Russia, SE Sweden, SG Singapore, SI Slovenia, SK Slovakia, TR Turkey, TW Taiwan, UK United Kingdom, US United States, ZA South Africa

All data corresponds to 12-month percentage change to Q1 2016 except cities in Austria, Belgium, Chile, Croatia, Cyprus, Denmark, France, Hungary, India, Malaysia and New Zealand where latest available data is published

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