



Council on Tall Buildings and Urban Habitat
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Trump International Hotel & Tower Named Tallest Building Completed in 2009; Successful Year for the American High-Rise

The Council on Tall Buildings and Urban Habitat presents the ten tallest buildings completed in 2009 and examines current and future construction trends

Chicago – The Council on Tall Buildings and Urban Habitat (CTBUH) today announced the Trump International Hotel & Tower in Chicago as the tallest building completed in 2009. The tower, designed by architects Skidmore, Owings and Merrill LLP and developed by the Trump Organization is now the 7th tallest building in the world, standing at a height of 423 meters/1389 feet, with 98 stories.

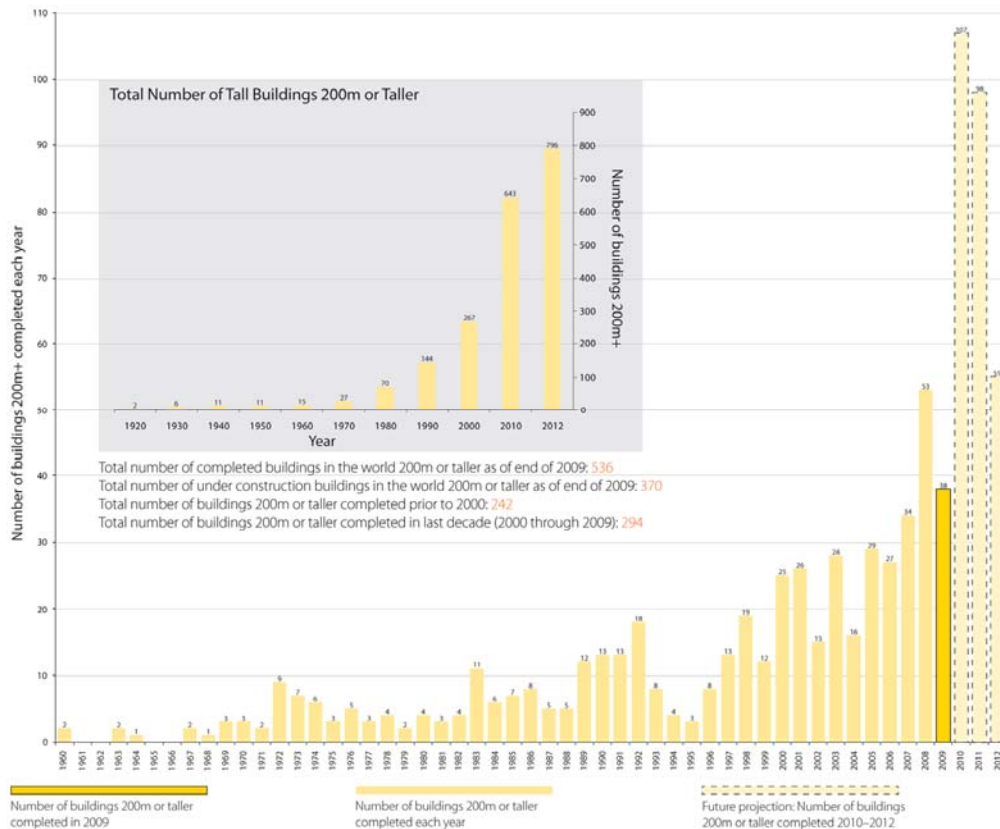
“There is much to herald in the new Trump Tower” said Professor Sang Dae Kim, CTBUH Chairman. “It pushes technological boundaries to achieve its great height, making a powerful mark on the Chicago skyline. In doing so, it becomes the tallest building completed in the western hemisphere since the Willis (formerly Sears) Tower was built, also in Chicago, some 35 years ago.”

The year 2009 marked a successful 12 months for the American skyscraper, with three of the five tallest buildings completed during the year being located in the USA—Trump International Hotel & Tower in Chicago; Bank of America Tower in New York (second tallest at 365m/1198ft) and Aqua in Chicago (fifth tallest at 262m/858ft)—an event that has not occurred since 1990. Chicago is also home to more tall buildings above 200m completed in 2009 than any other city in the world. Five buildings 200m or taller have opened their doors in Chicago over the past twelve months, whereas no more than three such buildings opened in any other city. Asia however, and in particular China, remains the center of global tall building construction. Over half of all buildings 200m or taller completed in the past twelve months were located in Asia, with some 36% being in China alone. This will likely remain the case for the foreseeable future, as the Chinese cities of Chongqing, Guangzhou, Nanjing, Shanghai, Shenyang, Shenzhen and Tianjin, amongst others continue to construct some of the tallest buildings in the world.

Despite these successes, tall building construction has not gone unaffected by the global recession as many construction projects around the world are cancelled, delayed or put ‘on-hold’. Compared to 2008, there has been a 28% drop in the total number of buildings 200m or taller completed this year. In 2008, 11 such buildings were completed in the United Arab Emirates, a figure that has fallen to only three in 2009. In addition, there were no buildings from Africa, Australasia, Central America, Europe or South America among the 50 tallest buildings completed in 2009.

Even with these precarious global economic conditions, the CTBUH reports that 2010 promises to be by far the most active in the history of the skyscraper, as the final touches are completed on some of the tallest buildings around the world. Due to a variety of factors, a significant number of buildings which had been expected to complete in 2009 have been delayed, and will now likely open in 2010. The Burj Dubai (now Burj Khalifa) has already been completed as of January 4th, 2010 at 828 meters (2717 ft), and others anticipated in 2010 include Nanjing Greenland Financial Center (450m/1476ft), The Index (Dubai, 328m/1076ft), Wenzhou Trade Center (322m/1056ft), HHR Tower (Dubai, 317m/1040ft) and Capitol City Moscow Tower (302m/989ft). Standing at 828 meters/2717 feet in height, the Burj Dubai/Khalifa is 61% taller than the world's previous tallest building—the 509 meter high Taipei 101 in Taiwan.

It is not just height, but the sheer volume of high-rise buildings set to be completed in 2010 that is astonishing. Data produced by the CTBUH suggests that over 100 buildings 200m or taller will be completed worldwide within the next 12 months (as shown on the graph below). This is more than the total number of buildings 200m or taller which are already in existence in New York and Hong Kong combined. From 2012, the CTBUH expects to see a drop in the number of tall buildings completed due to the global recession, until the worldwide economy recovers.



Tall Buildings 200m or Taller completed each year, 1960–2012. ©CTBUH.

“Despite the recent economic downturn, the past decade has proven to be the most active in tall building construction history.” said Philip Oldfield, CTBUH Research Coordinator. “Our data shows that more tall buildings have been completed in the first ten years of the 21st Century, than in the whole of the 20th Century. Prior to the year 2000, 242 buildings 200m or taller had been completed. However, in the past ten years alone some 294 buildings 200m or taller have been added to cities and skylines around the world.”

The Ten Tallest Buildings Completed in 2009

1.	Trump International Hotel and Tower	Chicago	423m / 1389ft
2.	Bank of America Tower	New York	365m / 1198ft
3.	China World Trade Center III	Beijing	330m / 1083ft
4.	Arraya Center Office Tower	Kuwait City	300m / 984ft
5.	Aqua	Chicago	262m / 858ft
6.	Al Fardan Residences	Doha	253m / 830ft
7.	Shanghai IFC South Tower	Shanghai	250m / 820ft
8.	RunHua International Building	Wuxi	248m / 814ft
9.	Hongdu International Plaza	Wuxi	248m / 814ft
10.	Xinjiekou Department Store Phase 2	Nanjing	240m / 787ft

A full graphical list of the Ten Tallest Buildings Completed in 2009, with additional statistics, figures and graphs is available at 2009.ctbuh.org. For high resolution images of CTBUH graphics please contact pthurmond@ctbuh.org

About the CTBUH

The Council on Tall Buildings and Urban Habitat, based at the Illinois Institute of Technology in Chicago, is an international not-for-profit organization supported by architecture, engineering, planning, development and construction professionals, designed to facilitate exchanges among those involved in all aspects of the planning, design, construction and operation of tall buildings. The CTBUH is the world's leading body in the field of tall buildings, and the recognized source of information on tall buildings internationally. It is the arbiter of tall building height, determiner of the title “The World's Tallest Building” and maintains a significant database of built, under construction and proposed tall buildings. For more information, contact info@ctbuh.org or visit www.ctbuh.org.

Tall Buildings In Numbers

2009: A Tall Building Review

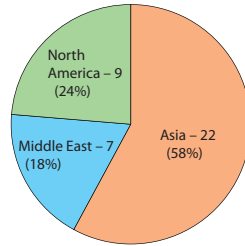
Tallest 50 Buildings completed during 2009

Key ■ Asia ■ Middle East ■ North America

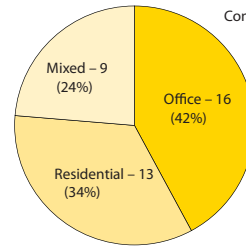
No.	Building Name	City	Stories	m	ft
1	Trump International Hotel & Tower	Chicago	98	423	1389
2	Bank of America Tower	New York	54	365	1198
3	China World Trade Center III	Beijing	74	330	1083
4	Arraya Center Office Tower	Kuwait City	60	300	984
5	Aqua	Chicago	87	262	858
6	Al Fardan Residences	Doha	64	253	830
7	Shanghai IFC South Tower	Shanghai	58	250	820
8	RunHua International Building	Wuxi	55	248	814
9	Hongdu International Plaza	Wuxi	48	248	814
10	Xinjiekou Department Store Phase 2	Nanjing	60	240	787
11	Neo-China Top City Main Tower	Chongqing	54	240	787
12	300 North La Salle	Chicago	60	239	785
13	Duke Energy Center	Charlotte	48	233	764
14	Huanghe River Center Building	Dongguan	62	230	754
15	The Met	Bangkok	69	228	748
16	Landsea International Plaza	Nanjing	53	228	748
17	Al Tayer Tower	Dubai	55	225	738
18	One Museum Park	Chicago	62	224	726
19	21st Century Tower	Shanghai	50	220	722
20	BM Plaza Office Tower	Shanghai	50	220	722
21	Bay Adelaide West	Toronto	50	218	715
22	L'Arc New World Hotel	Macao	56	217	712
23	Al Biddah Tower	Doha	43	215	705
24	Bakrie Tower	Jakarta	48	214	702
25	Al Tijaria Tower	Kuwait City	45	214	702
26=	St. Francis Tower 1	Mandaluyong	60	213	699
26=	St. Francis Tower 2	Mandaluyong	60	213	699
28	Majestic Tower	Sharjah	52	210	689
29=	Metropolitan Tower 1	Suzhou	52	210	689
29=	Metropolitan Tower 2	Suzhou	52	210	689
31	Elysian	Chicago	60	209	686
32	The Kitahama Residence	Osaka	54	209	686
33	Marquis	Miami	63	207	679
34	Northpoint South Tower	Pattaya	54	205	673
35	San Lorenzo Tower	Makati	57	204	669
36	Park City Musashi-Kosugi Mid Sky Tower	Kawasaki	59	204	668
37	One Corporate Center	Pasig	54	202	663
38	The Citadel	Dubai	48	201	659
Note: The buildings below are not included in the adjacent diagrams, as they are under the 200m threshold.					
39=	Millennium Residence 2	Bangkok	54	199	654
39=	Millennium Residence 3	Bangkok	54	199	654
41=	Silver Towers East	New York	58	199	653
41=	Silver Towers West	New York	58	199	653
43	Bea Financial Tower	Shanghai	42	198	651
44	Millennium Tower	San Francisco	58	197	645
45	155 North Wacker	Chicago	45	194	638
46=	Millennium Residence 1	Bangkok	51	192	631
46=	Millennium Residence 4	Bangkok	51	192	631
48	353 North Clark	Chicago	44	190	624
49	Aria Resort & Casino	Las Vegas	60	183	600
50	RBC Centre	Toronto	42	183	600

Tall Buildings 200m or Taller completed in 2009: by Region

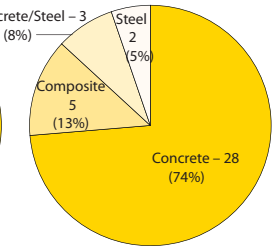
Note: A total of 38 buildings over 200m were completed in 2009



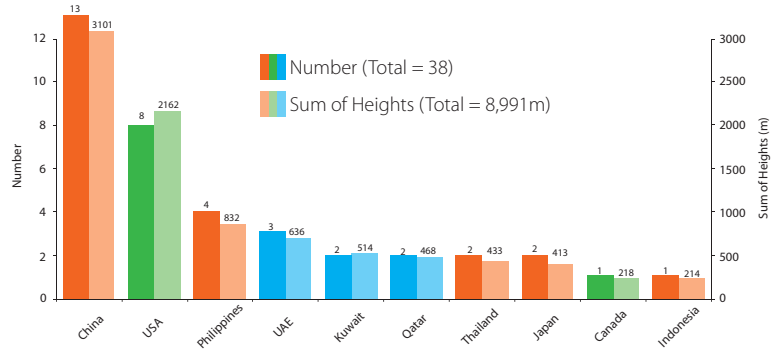
Tall Buildings 200m or Taller completed in 2009: by Function



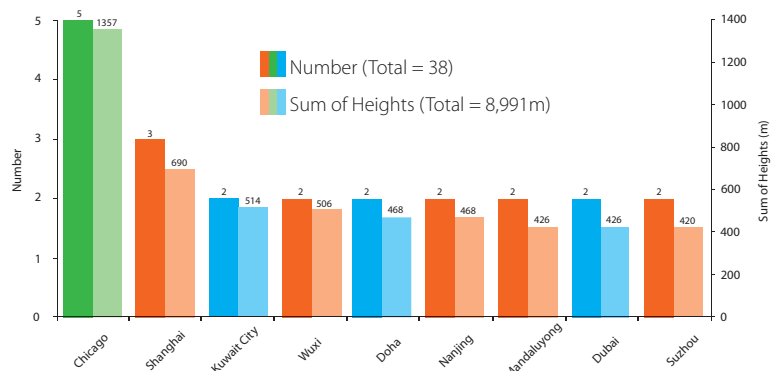
Tall Buildings 200m or Taller completed in 2009: by Structural Material



Tall Buildings 200m or Taller completed in 2009: by Country



Tall Buildings 200m or Taller completed in 2009: by City

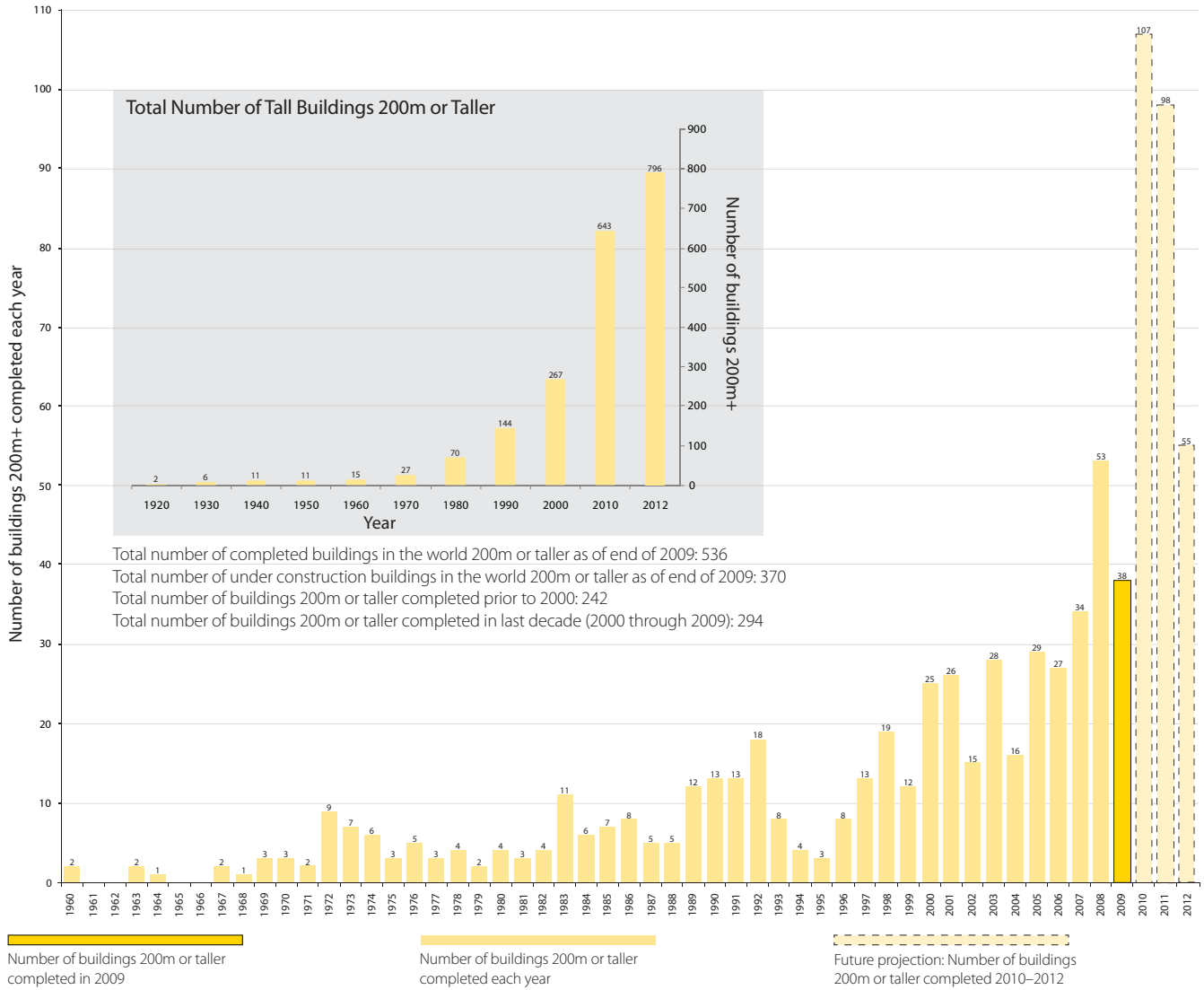


Note: One tall building 200m+ in height also completed during 2009 in these cities: Bangkok, Beijing, Charlotte, Chongqing, Dongguan, Jakarta, Kawasaki, Macao, Makatai, Miami, New York, Osaka, Pasig, Pattaya, Sharjah, and Toronto.

Buildings 200m or taller completed during 2009 were located in 25 cities. Of these 17 are in Asia (68%), with 9 in China alone (36%).

3 of the 5 tallest buildings completed in 2009 are located in North America. This has not occurred since 1990.

Tall Buildings 200m or Taller completed each year, 1960–2012



Note: Due to a variety of factors, a significant number of tall buildings which had been expected to complete in 2009 have been delayed, and will now likely be completed in 2010. These include, amongst others, the Burj Dubai, Nanjing Greenland Financial Center, The Index (Dubai), Wenzhou Trade Center, HHHR Tower (Dubai) and Capitol City Moscow Tower.

Note: we can predict this with some accuracy for 2010–2012 due to projects in advanced construction. From 2012, we expect to see a drop in number due to the global recession, until the worldwide economy recovers.

For more on this and the 'Ten Tallest Buildings Completed in 2009' see <http://2009.ctbuh.org>

4 supertall buildings (300m+) were completed during 2009, the same as in 2008. 16 supertalls are expected in 2010

There were no buildings from Africa, Australasia, Central America, Europe, or South America among the tallest 50 completed in 2009

In 2008, 11 buildings 200m or taller were completed in the UAE. In 2009 this figure was only 3

The 10 Tallest Buildings Completed in 2009

The Information contained in the graphs below is accurate as of January 1st, 2010

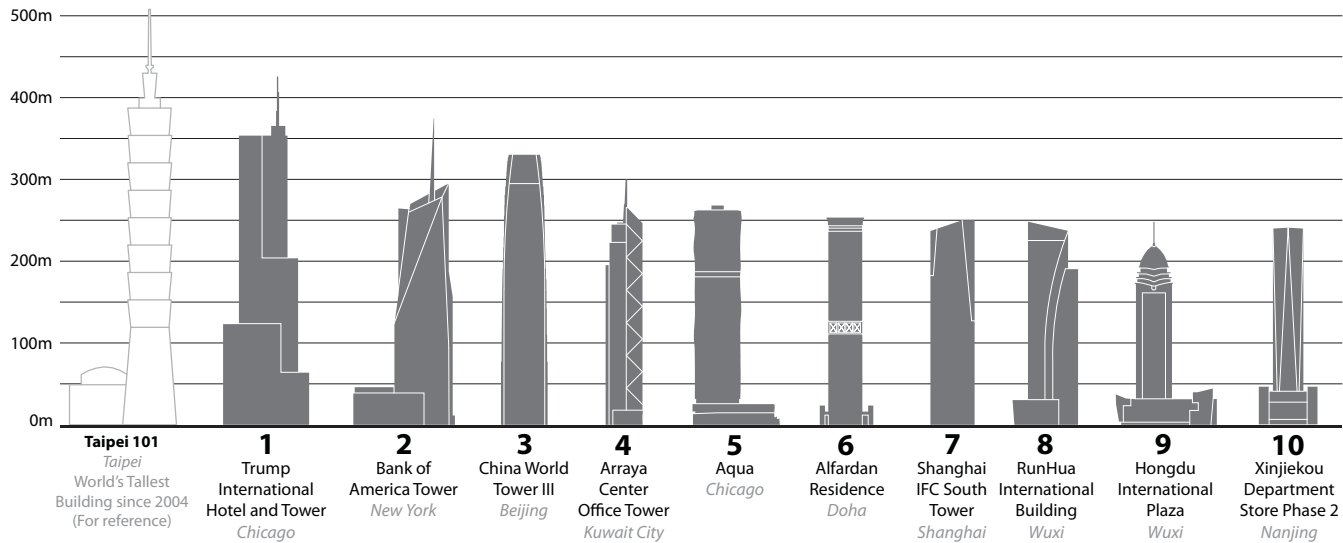
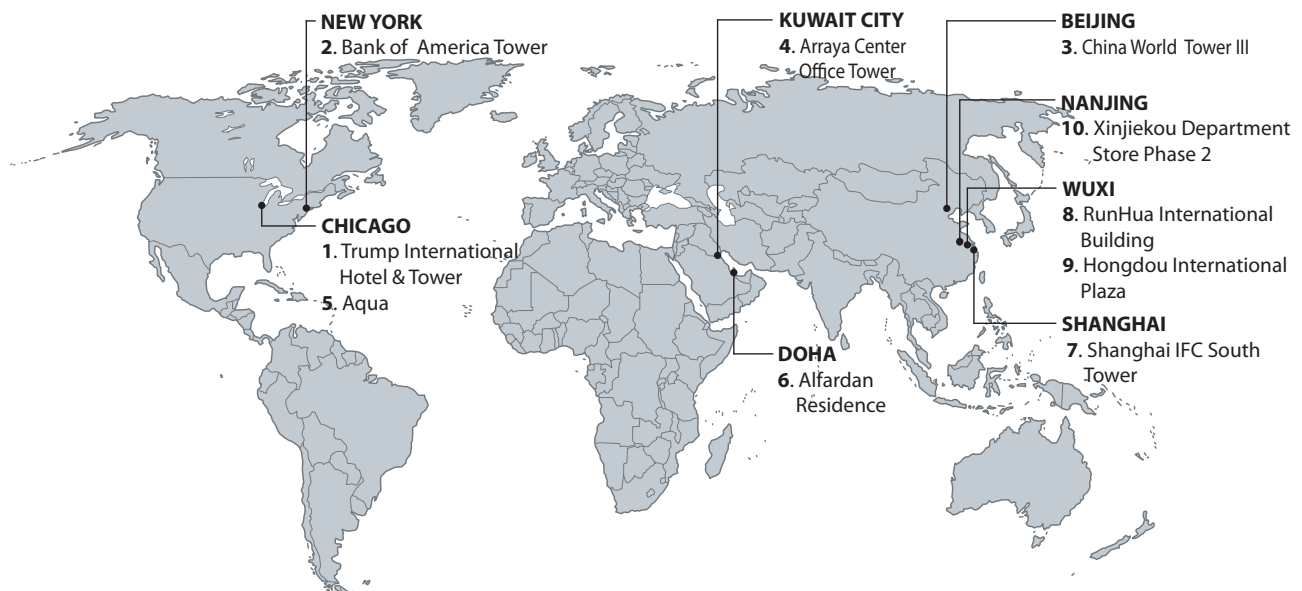


Diagram of 10 tallest buildings completed in 2009 (according to height to architectural top).

Building Name/Location	Hgt (m/ft)	Floors
 <p>1. Trump International Hotel and Tower Chicago, USA</p> <p>Developer: Trump Organization Architect: Skidmore, Owings & Merrill LLP Structural: Skidmore, Owings & Merrill LLP MEP: WMA Consulting Engineers Contractor: Bovis Lend Lease Photo: Marshall Gerometta / CTBUH</p> <p>Use: Hotel / Residential Structural Material: Concrete CTBUH World's Tallest Building Ranking: 6</p>	423 / 1389	98
 <p>2. Bank of America Tower New York, USA</p> <p>Developer: Durst Organization / Bank of America Architect: Cook + Fox Architects Structural: Severud Associates MEP: Jaros, Baum & Bolles Contractor: Tishman Construction Corporation Photo: Marshall Gerometta / CTBUH</p> <p>Use: Office Structural Material: Steel CTBUH World's Tallest Building Ranking: 14</p>	365 / 1198	54
 <p>3. China World Trade Center Beijing, China</p> <p>Developer: China World Trade Center Co. Ltd Architect: Skidmore, Owings & Merrill LLP Structural: Arup MEP: Parsons Brinckerhoff Asia Co. Ltd. Contractor: Photo: Skidmore, Owings & Merrill LLP</p> <p>Use: Office / Hotel Structural Material: Steel CTBUH World's Tallest Building Ranking: 24</p>	330 / 1083	74
 <p>4. Arraya Center Office Tower Kuwait City, Kuwait</p> <p>Developer: Salhia Real Estate Co. Architect: Fentress Architects Structural: Pan Arab Consulting Engineers MEP: Pan Arab Consulting Engineers Contractor: Ahmadiyah Contracting & Trading Co. Photo: Pawel Sulima</p> <p>Use: Office Structural Material: Concrete CTBUH World's Tallest Building Ranking: 41</p>	300 / 984	60
 <p>5. Aqua Chicago, USA</p> <p>Developer: Magellan Development Group Architect: Studio Gang Structural: Magnusson Klemencic Associates MEP: Advance Mechanical Systems, Inc Contractor: James McHugh Construction Company Photo: Steve Hall © Hendrich Blessing</p> <p>Use: Hotel / Residential Structural Material: Concrete CTBUH World's Tallest Building Ranking: 93</p>	262 / 858	87

	6. Alfardan Residences	Doha, Qatar	253 / 830	64
Developer: Al Fardan Real Estate Company Architect: Arab Engineering Bureau Structural: Hyder Consulting MEP: Shaker Consulting Group Contractor: Construction Development Company Photo: Hyder Consulting Middle East Limited		Use: Residential Structural Material: Concrete CTBUH World's Tallest Building Ranking: 119		
	7. Shanghai IFC South Tower	Shanghai, China	250 / 820	58
Developer: Sun Hung Kai Properties (SHKP) Architect: Pelli Clarke Pelli Architects Structural: Aecom Structural Consultants Ltd. MEP: Parsons Brinckerhoff Asia Co. Ltd. Contractor: Shanghai Construction (Group) General Co., Ltd Photo: Sun Hung Kai Properties		Use: Office / Hotel Structural Material: Composite CTBUH World's Tallest Building Ranking: 128		
	8. RunHua International Building	Wuxi, China	248 / 814	55
Developer: Wuxi Rundili Construction & Development Group Architect: East China Architectural Design & Research Institute Co., Ltd. Structural: East China Architectural Design & Research Institute Co., Ltd. MEP: East China Architectural Design & Research Institute Co., Ltd. Contractor: Nan Tong Construction General Contractor Co., Ltd. Photo: Chen Kai		Use: Office / Hotel / Residential Structural Material: Concrete CTBUH World's Tallest Building Ranking: 137		
	9. Hongdou International Plaza	Wuxi, China	248 / 814	45
Developer: Wuxi Hongdu Development Group Architect: C.Y. Lee & Partners Architects/Planners Structural: East China Architectural Design & Research Institute Co., Ltd. MEP: East China Architectural Design & Research Institute Co., Ltd. Contractor: Shanghai No.4 Construction Co., Ltd. Photo: Zou Jin		Use: Office / Residential Structural Material: Concrete CTBUH World's Tallest Building Ranking: 138		
	10. Xinjiekou Department Store Phase 2	Nanjing, China	240 / 787	60
Developer: Nanjing Xinjiekou Department Store Co., Ltd. Architect: Frederic Rolland International Structural: Nanjing Architectural Design & Research Institute Co., Ltd. MEP: Nanjing Architectural Design & Research Institute Co., Ltd. Contractor: Nanjing Dadi Construction (Group) Co., Ltd Photo: Wei Gu		Use: Office Structural Material: Composite CTBUH World's Tallest Building Ranking: 176		



The 10 Tallest Building Completed in 2009 was compiled as per CTBUH Criteria for Defining and Measuring Tall Buildings. For more information on CTBUH height criteria please see <http://criteria.ctbuh.org>