

## **Data Information for Total Construction Costs in New York City, Chicago, and Shanghai**

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For New York, Chicago, and Shanghai building costs and number of floors were gotten from [Emporis.com](http://Emporis.com). I went through each building in the Emporis database that was at least 15 floors and found that the ones that listed the construction costs. For Shanghai, I also added the building data from Blackman, I.Q. and Picken, D.H., (2010). "Height and construction costs of residential high-rise buildings in Shanghai." *Journal of construction engineering and management*, 136(11), pp.1169-1180. In this case I only used buildings that were 15 floors or taller.

The buildings included were constructed from 1999 to the present. For the buildings in the U.S., I converted the costs to 2018 dollars using the Turner Construction Cost Index. For Shanghai buildings from Emporis, I converted them to 2018 dollars using [Construction and Installation Price Index](#) for China. The Blackman and Pickens data was in 2007 USD. I updated it to 2018 prices also using the Construction and Installation Price Index for China.

Total costs were then divided by the number of floors of each building to get the cost per floor.