



PARTHENON

# Opportunities in the China Education Market

Prepared for the HKVCA-Parthenon  
MasterClass

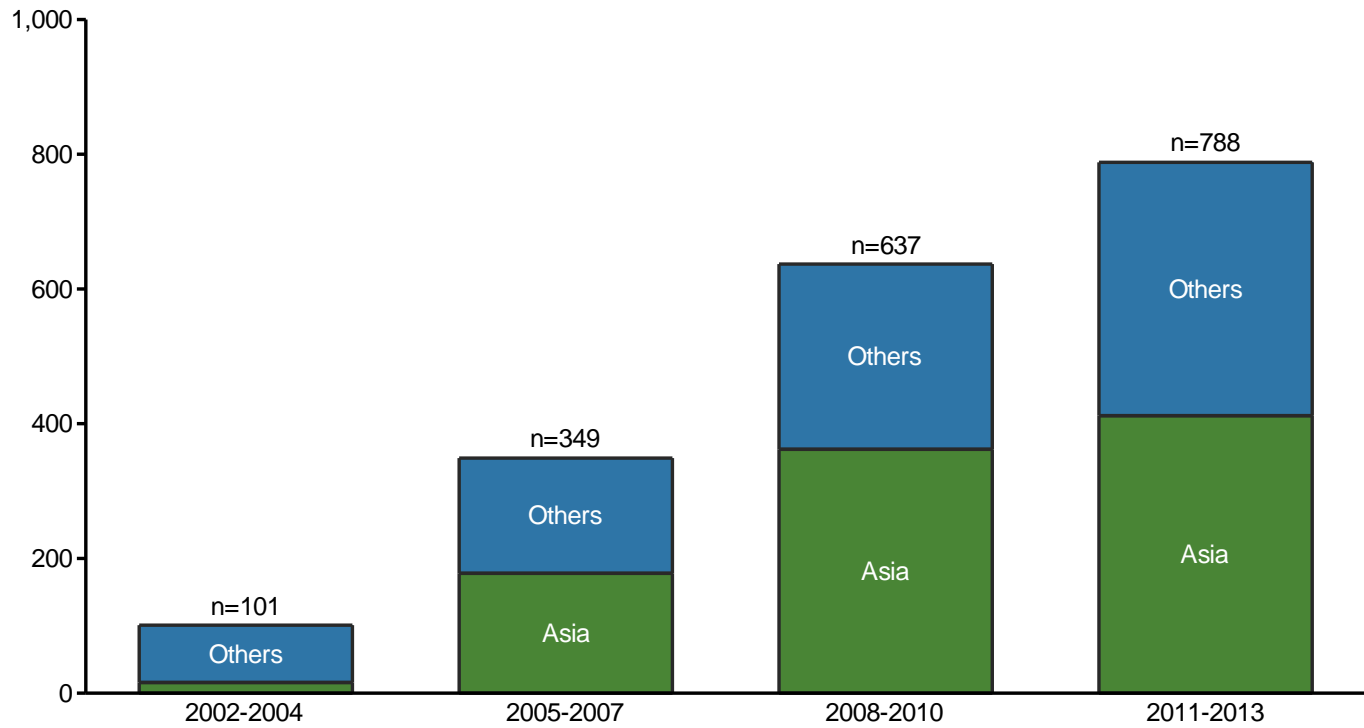
Hong Kong

December 2014



# Interest in Education sector in Emerging Markets is increasing

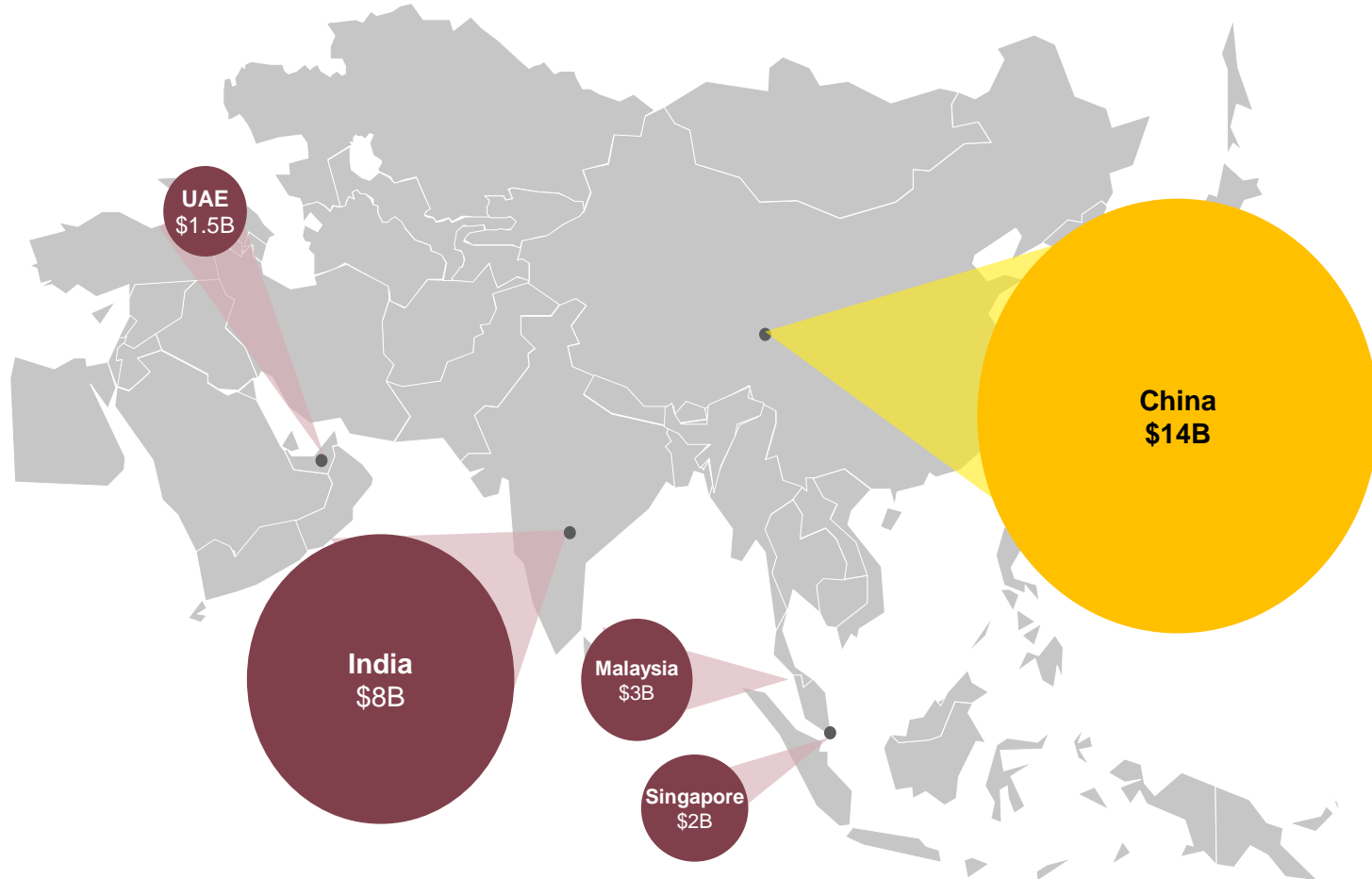
Completed M&A Activity in Emerging Private Education Markets, 2000-2013



% Deals in Asia	2002-2004	2005-2007	2008-2010	2011-2013
% Deals in Asia	16%	51%	57%	52%

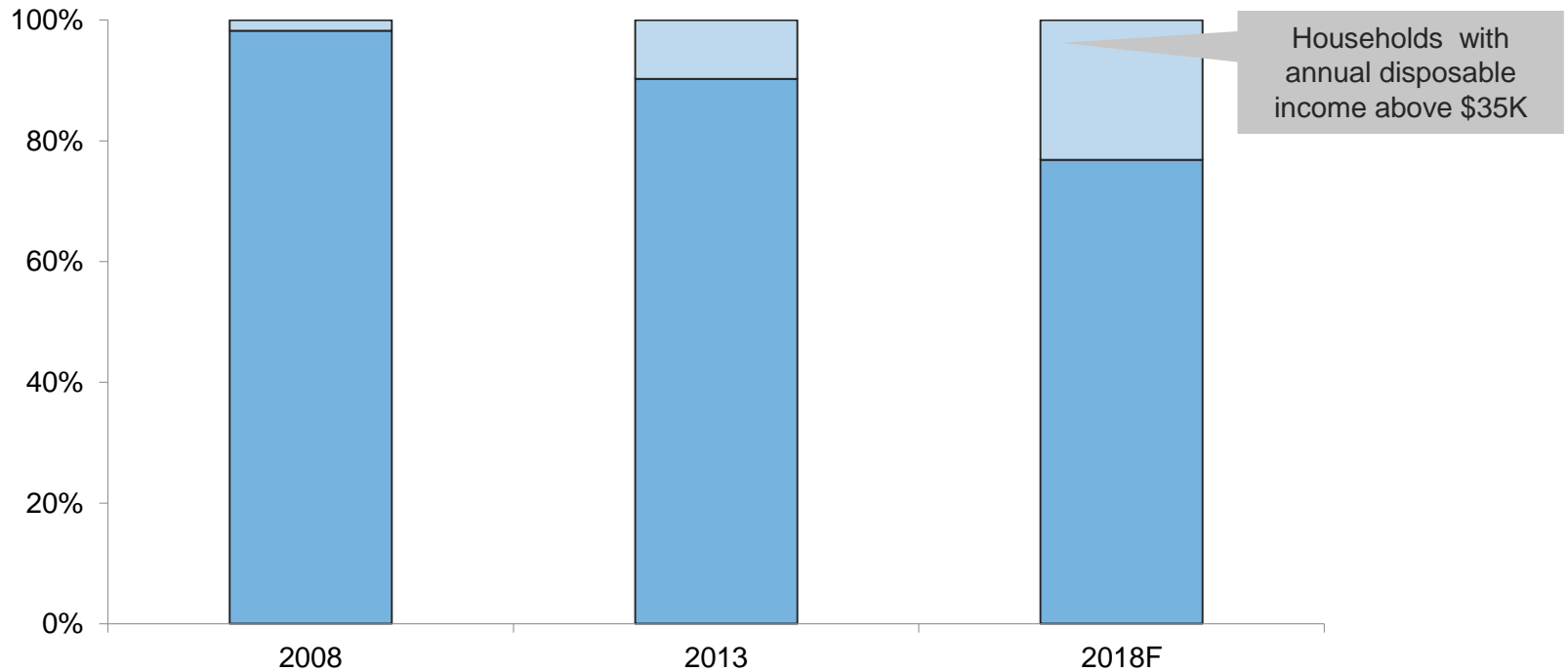
# China is the largest private Education market in Asia

Private K-12 and Higher Ed Market Sizes in Asia, 2012



# Growth in China is being driven by increasing affordability...

China Annual Disposable Income and Population in Major Education Target Age Group, 2008 – 2018F

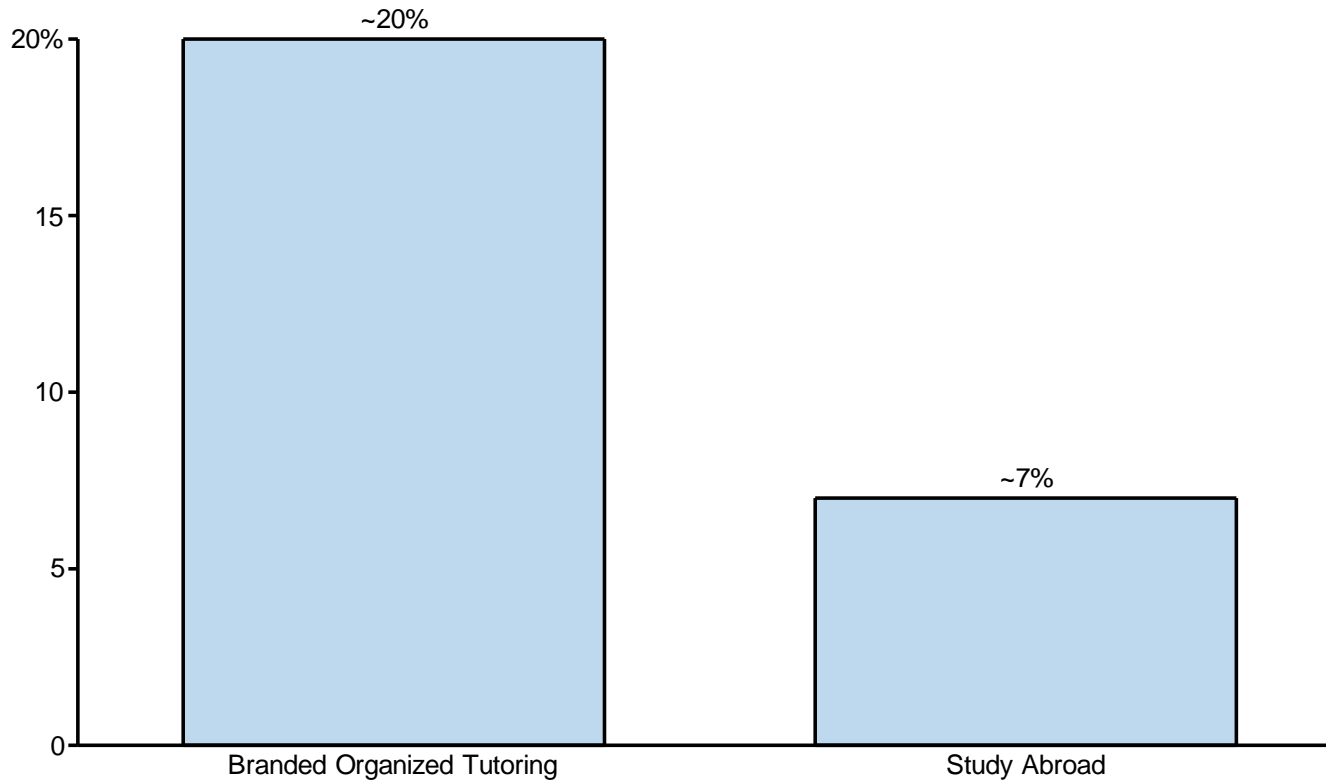


**Households with annual disposable income above \$35k are expected to continue growing at 21% per year**

## ...And low penetration of private services

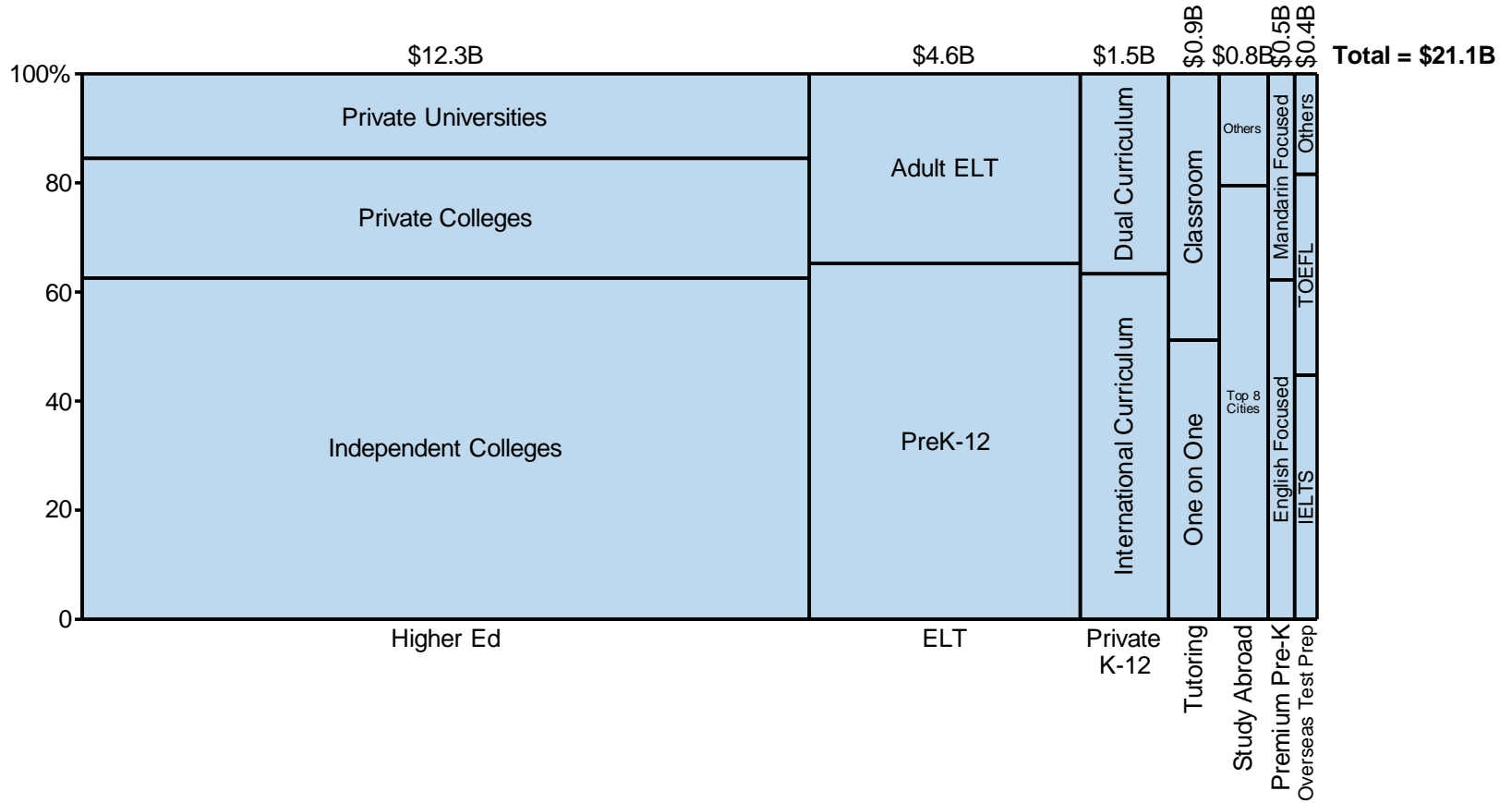
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Penetration (Enrollment/No. of Students Who Can Afford), 2013



# The total Chinese private education market is \$21B

Market Size of the China Private Education Market, 2013



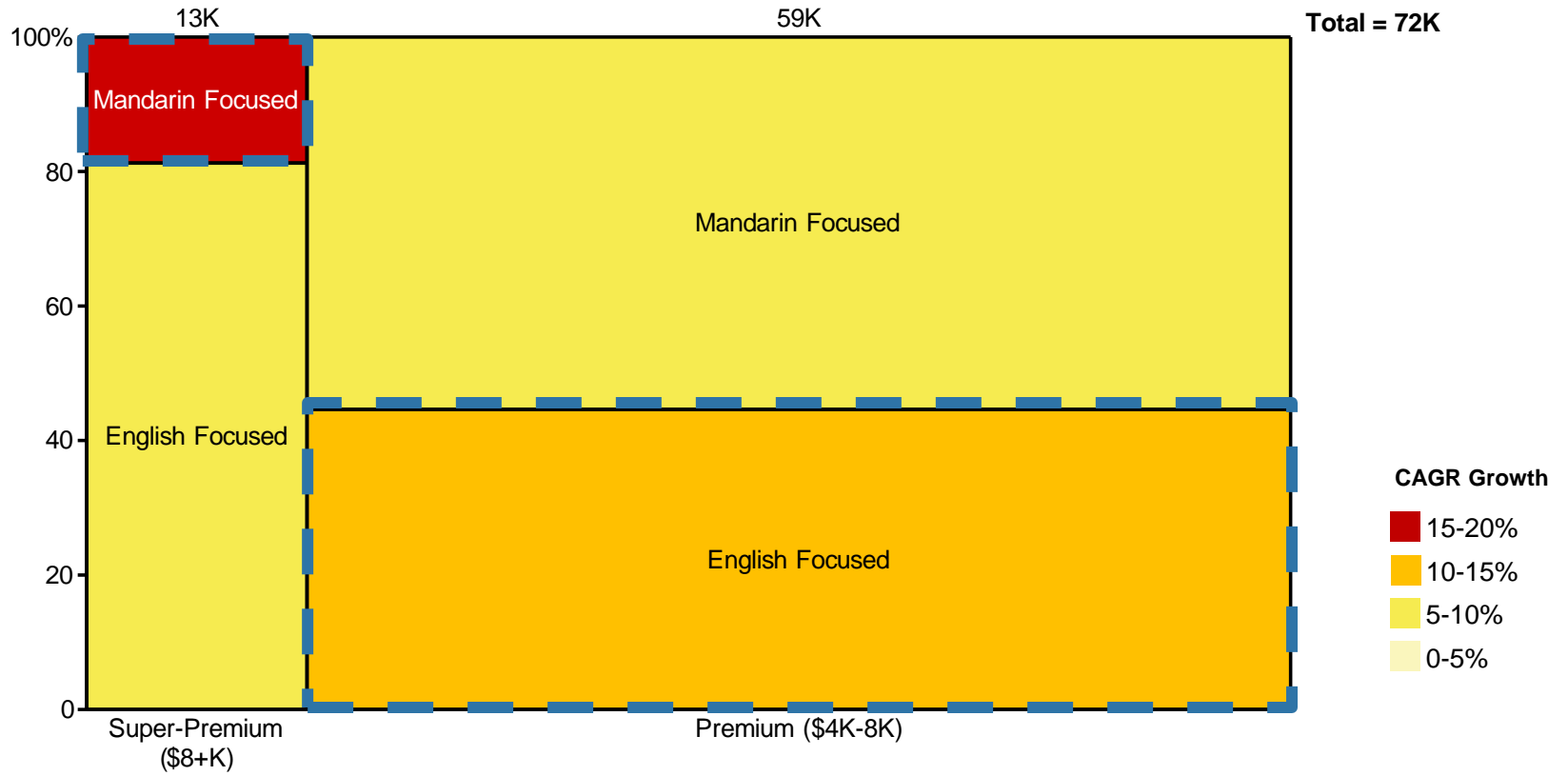
# Major Investment Themes

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- **Early Years**
  - **Pre-K**
- English Language
  - ELT
  - Dual Curriculum Schools
- Study Abroad
- Education Tech

# Dual language offerings are growing faster

Enrollment of Premium Pre-K Chains in the Seven Largest Cities, 2012





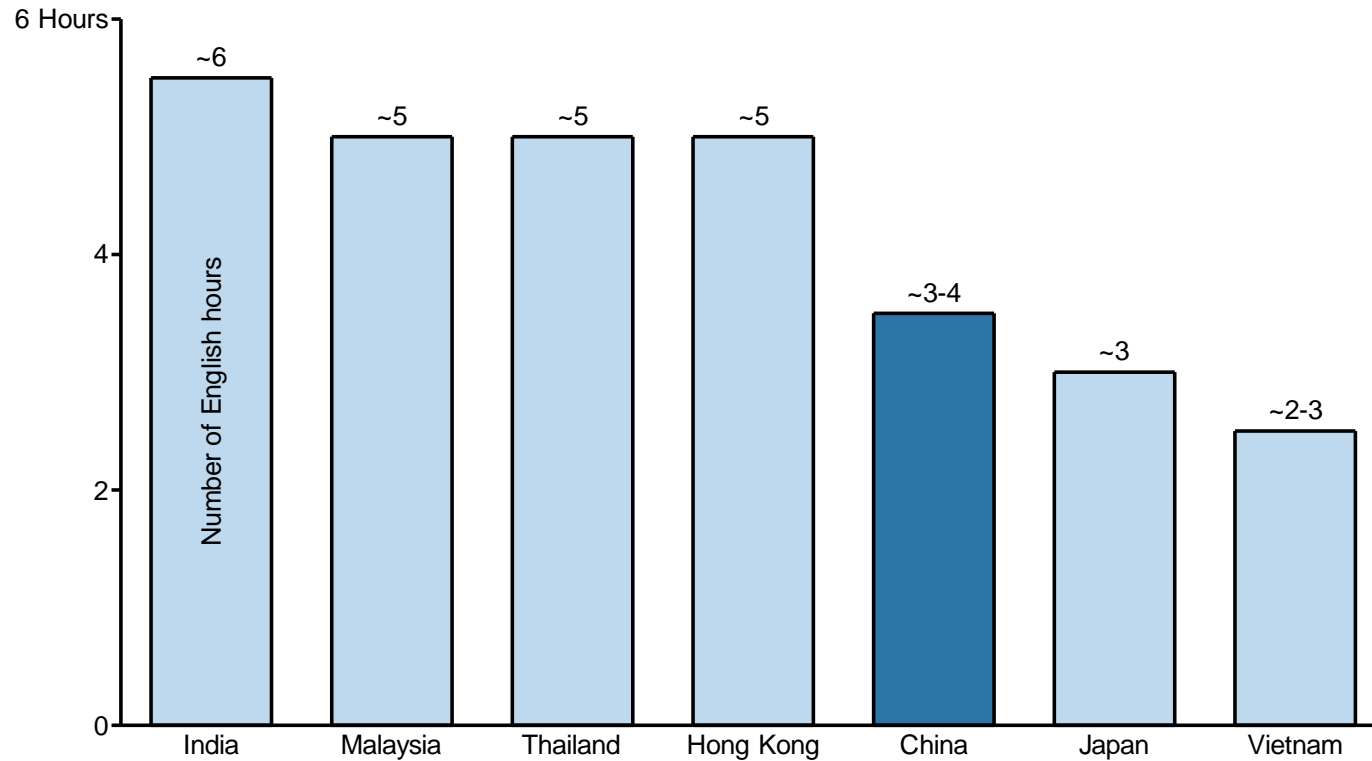
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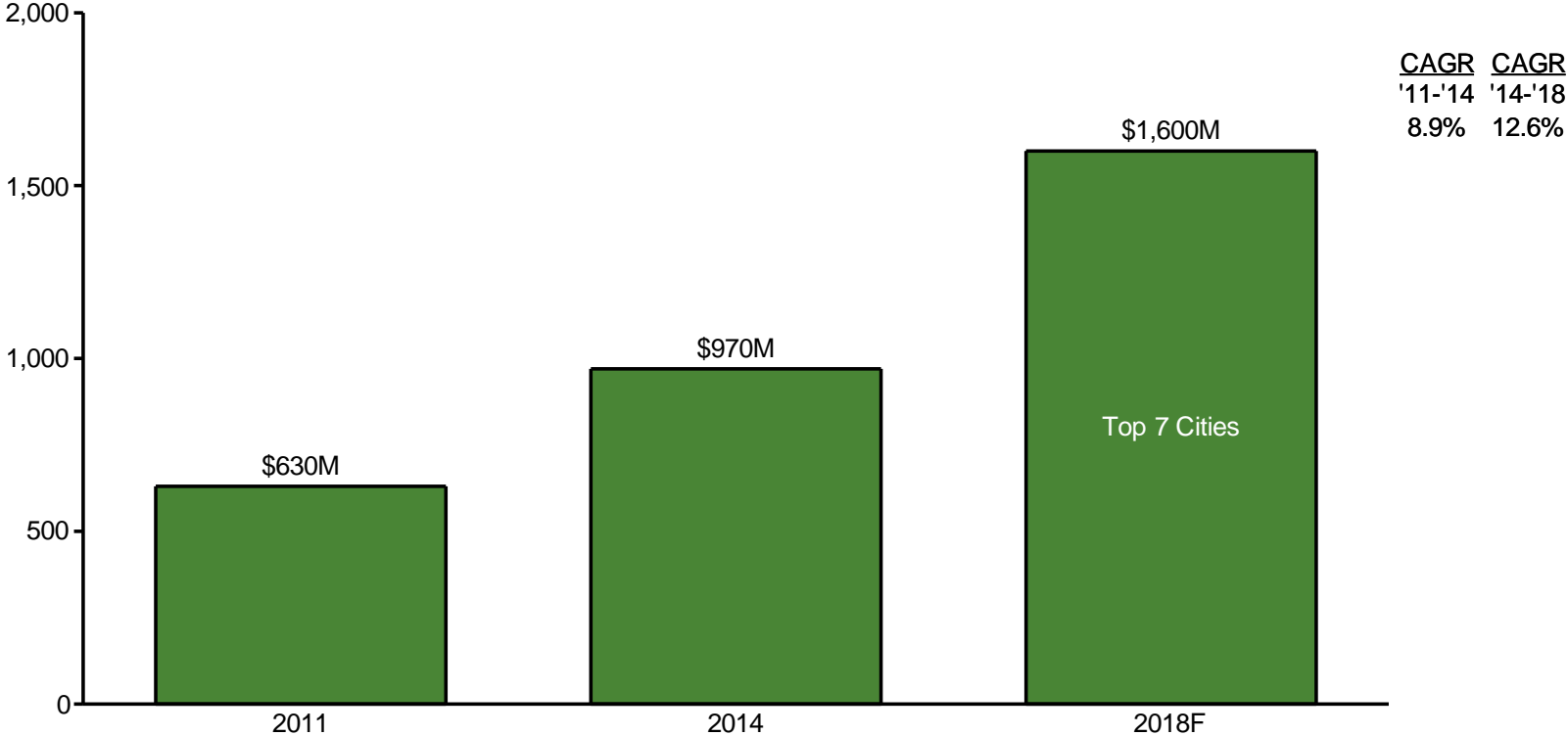
# China has among the lowest in-school provision of English language

Number of Hours of English Language Provision/Week in Schools



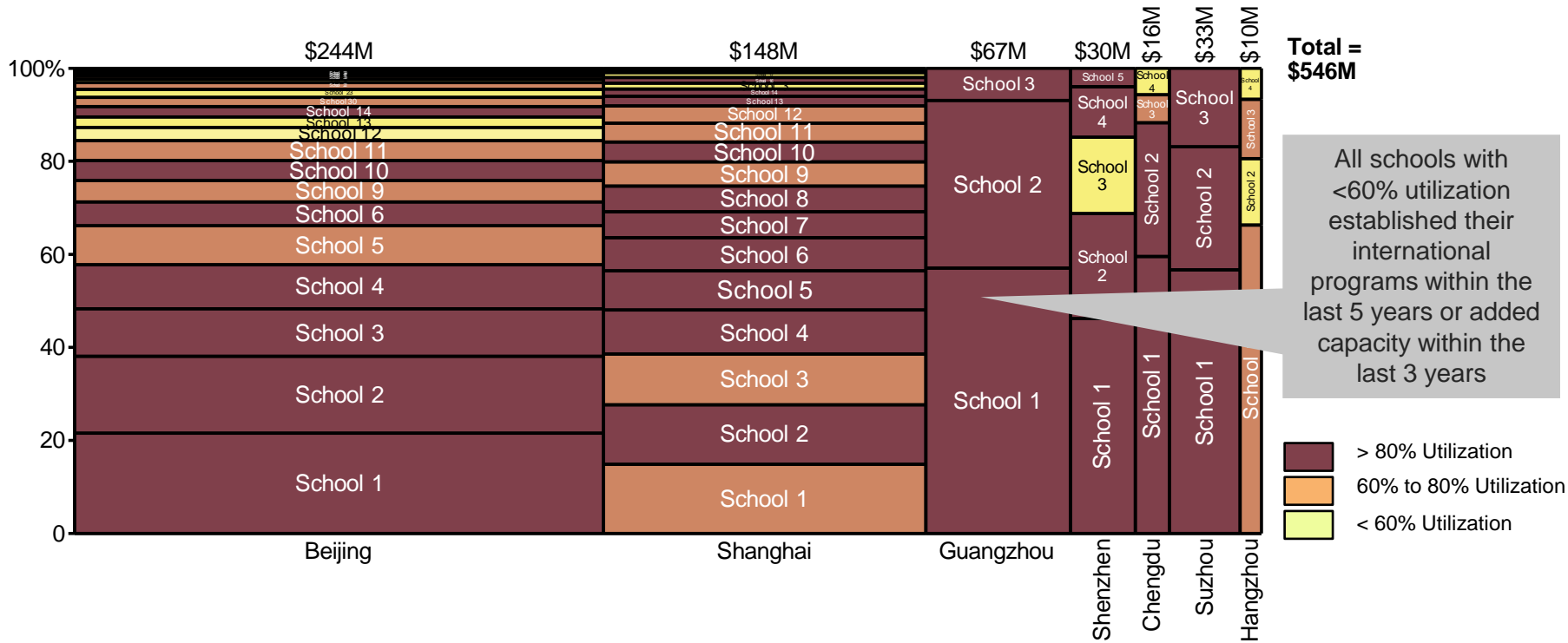
# The ELT market is forecast to continue growing at ~13% a year in the major cities

ELT Market Size by City, 2011-18F



# Dual curriculum market in the 7 largest cities is ~\$550M and enrolls ~54K students

Market Size of Dual Curriculum Schools by Cities, 2012



<b>Total Enrollment</b>	19K	13K	7K	4K	3K	5K	2K
<b>Average Price (\$)</b>	13K	11K	9K	7K	6K	6K	4K
<b>Number of Schools</b>	21	20	3	5	4	3	4

# Regulatory Landscape – Shanghai Example

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## Licensing

- G10-12 international programs looking to continue operations need to be inspected and accredited by the Shanghai Education Committee
- All international program operators must own private school licenses and have qualified faculty
- Public schools are not allowed to partner with external operators for international program operations

## Fee Control

- Intended number of new enrolments and tuition fee changes of all international programs need to be reported to and approved by the local education committee
- Public operators are not allowed to charge premiums on international programs; tuition fees must be set at the same as the schools' regular PRC curriculum programs

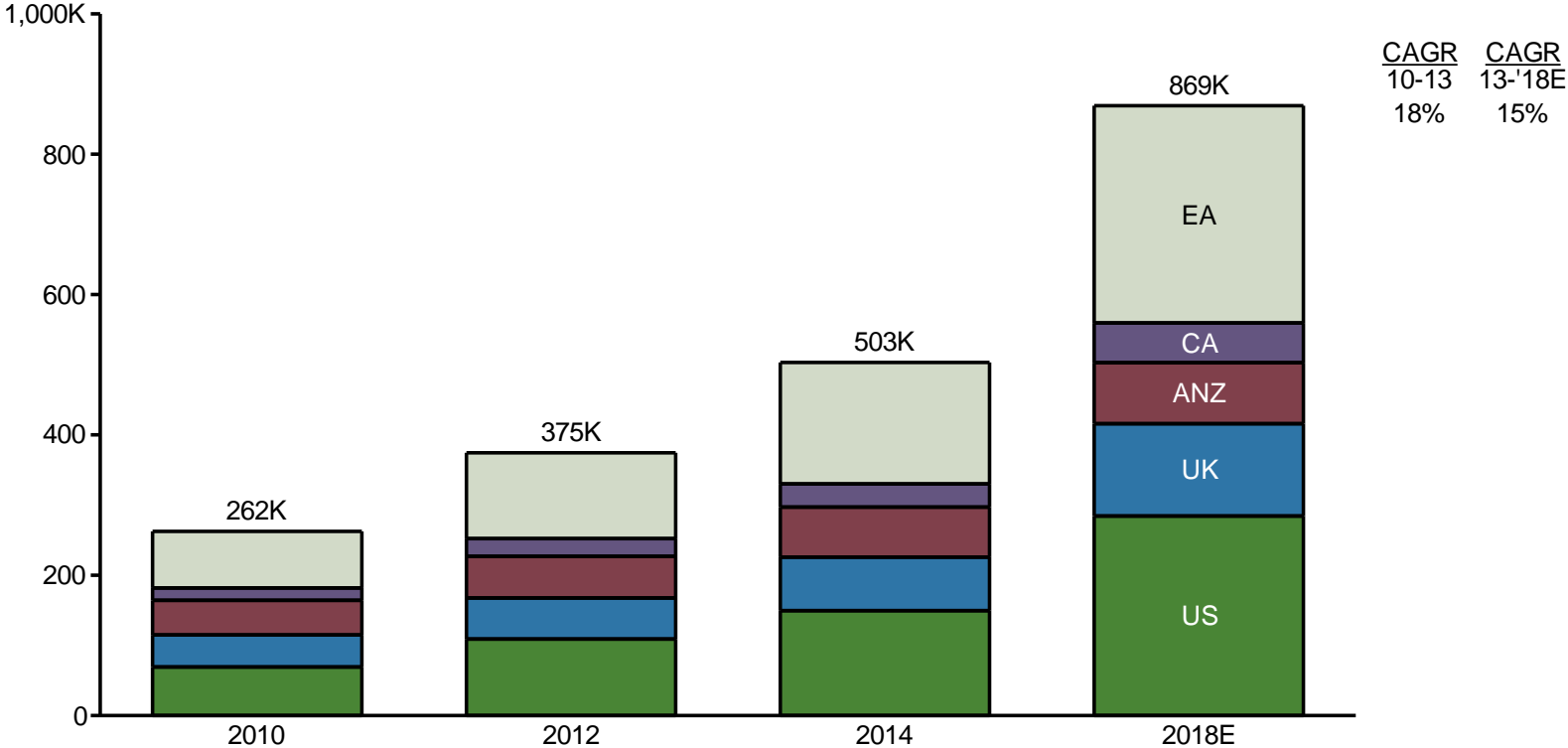
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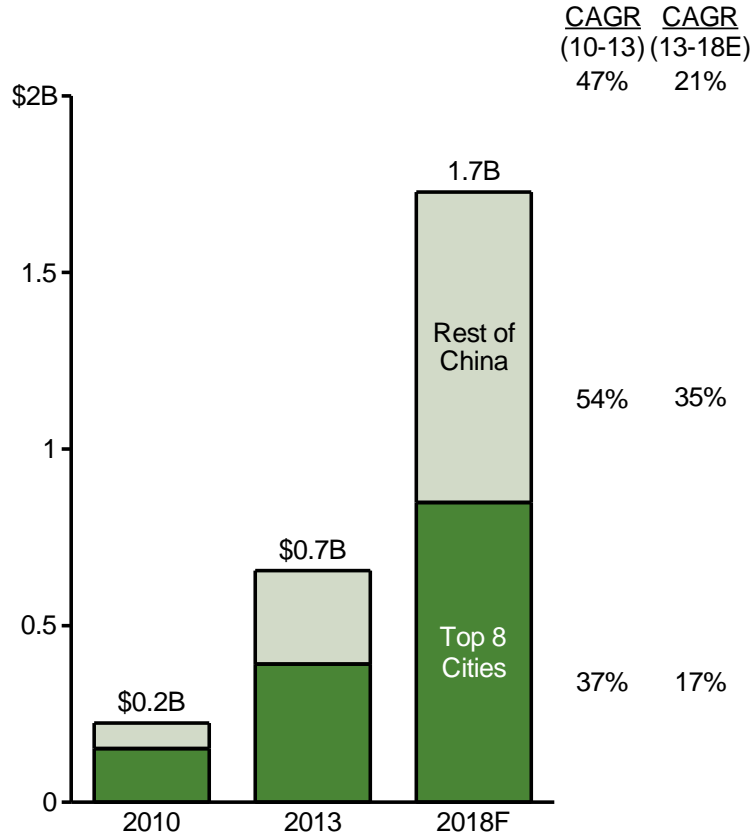
# The flow of Chinese students studying is expected to grow at 15% for next four years

Number of Chinese Students Commencing Overseas Education, 2010-18F

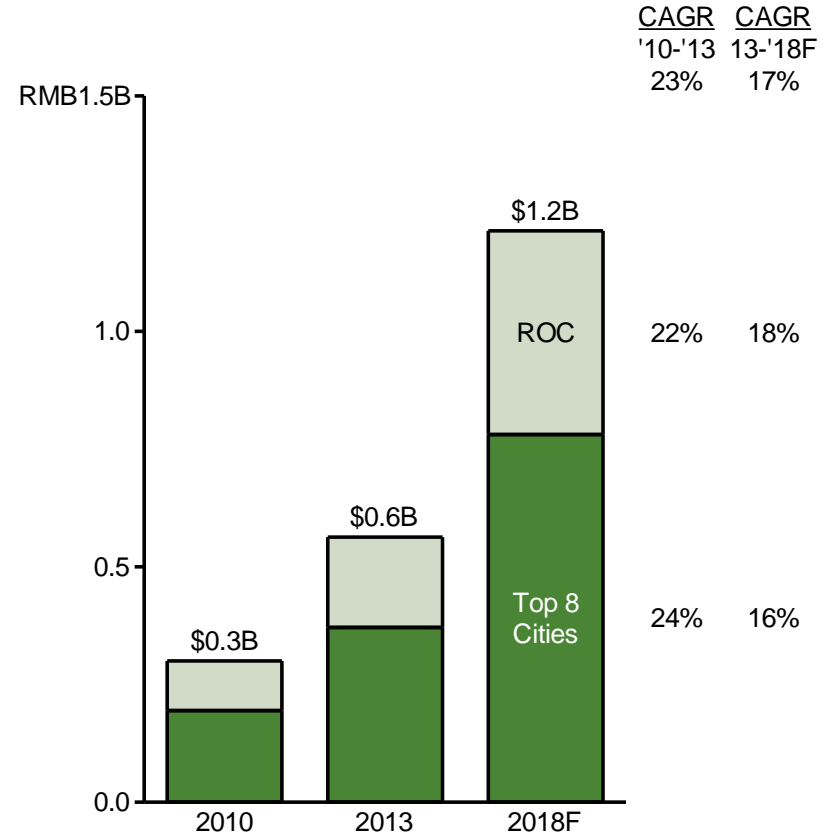


# Business based on the study abroad theme are witnessing growth

China Total Organized Test Preparation Market Size , USD, 2010-18F



China Total Agent Market Size, USD 2010-18F





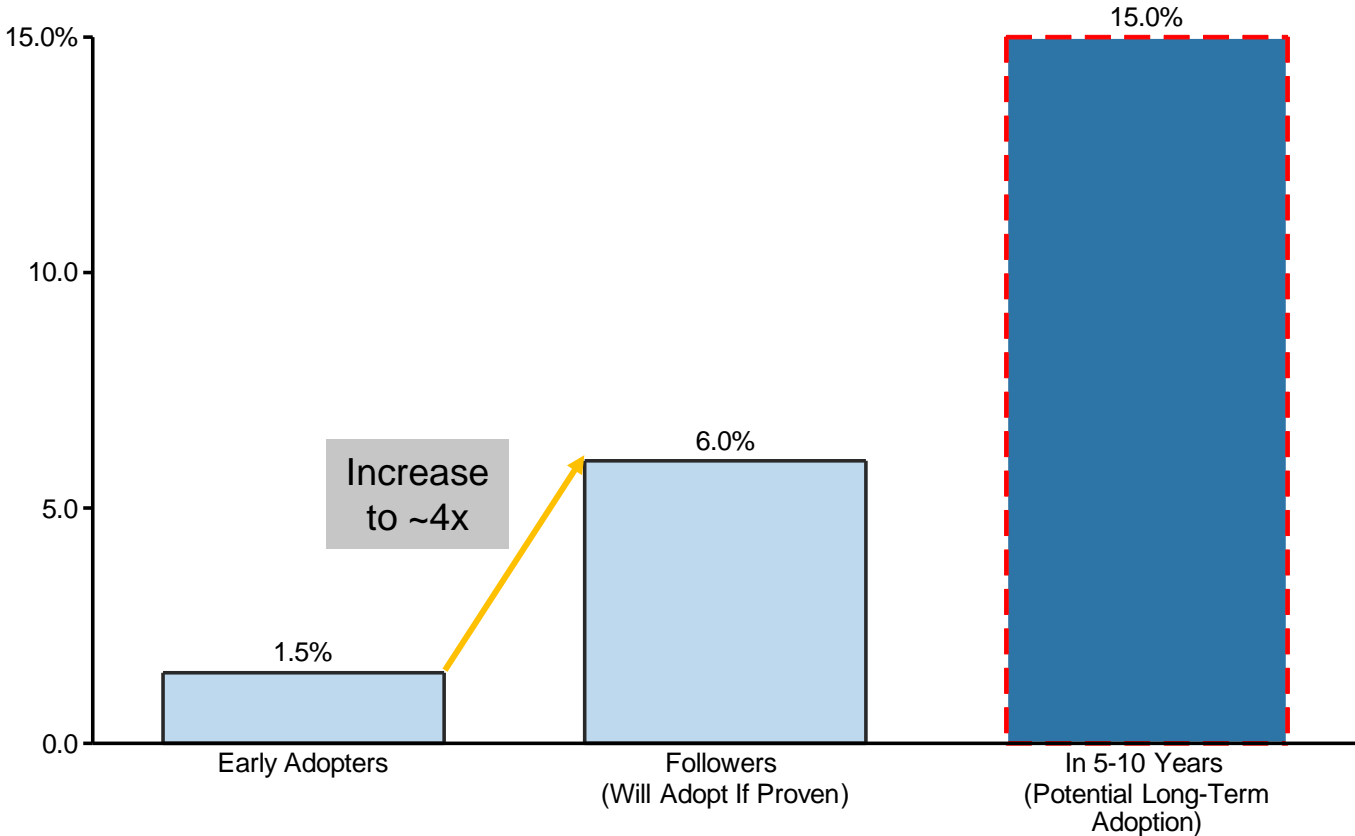
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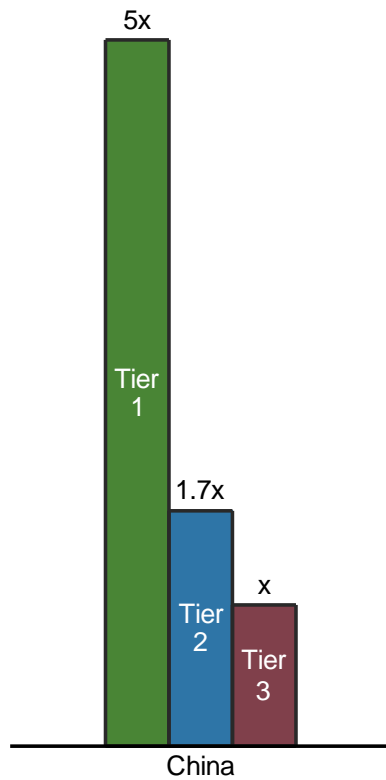
# Education Technology Adoption increases significantly once efficacy is proven to customers

Potential Online Curriculum Adopters as Percent of Population, Based on a Survey of 2,000+ Chinese, Brazilian, South African, and Indian Parents

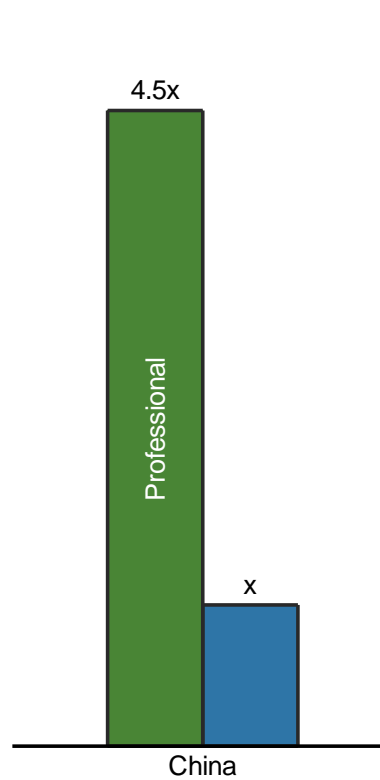


# In China, parents in Tier 1 cities, especially those with a “professional” background, are more willing to support online education for their children

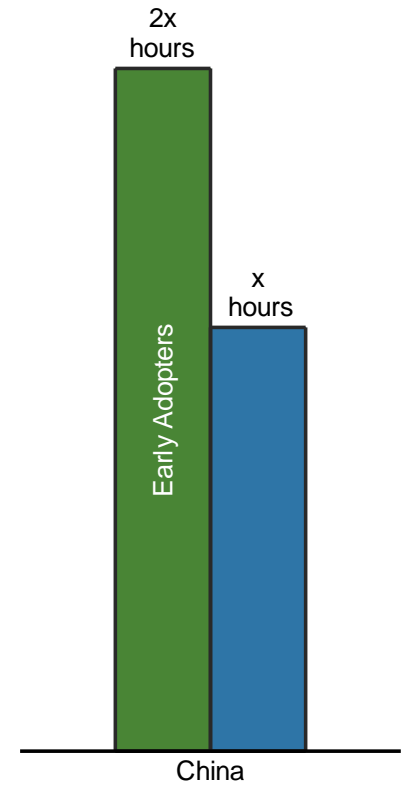
Willingness of Online Adoption by City Type



Willingness of Adoption by Profession



Time Spent Per Day With Child for Education by Profession



# Value Addition Opportunities Among Chinese Education Companies

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- Student Acquisition
- Site Selection
- Pricing
- Operations Improvement/Cost Optimization

# About Parthenon and the Education practice

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## About Parthenon and EY

Parthenon combined with Ernst & Young LLP on August 29, 2014. Parthenon is a leading advisory organization focused on strategy consulting. We are committed to combining our unconventional thinking with our clients' smarts to deliver actionable strategies. In today's complex business landscape, creativity has become a necessary ingredient for sustained success. Together with EY, we have an ideal balance of strengths – specialized expertise with broad executional capabilities, intimate client relationships with larger networks of support, and proven processes along with a progressive spirit – to unlock opportunity for our clients, amplify the impact of our strategies, and make Parthenon the global partner of choice for business leaders.

## About Parthenon's Education practice

Parthenon has served as an advisor to the education sector since our inception in 1991. Our Education practice – the first of its kind across management consulting firms – has an explicit mission and vision to be the leading strategy advisor to the global education industry. To achieve this, we invest significantly in dedicated management and team resources to ensure that our global expertise extends across public sector and non-profit education providers, foundations, for-profit companies and service providers, and investors. Parthenon has deep experience and a track record of consistent success in working closely with universities, colleges, states, districts, and leading educational reform and service organizations across the globe.

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EY is a global leader in assurance, tax, transaction and advisory services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

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