

**Educating for the Future:
Predicting and Managing Change
-or-
When the Rubber Hits the Blue Sky**

**2008 Canadian Conference on
Medical Education**

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What Kinds of Change Are We Talking About?

- Change as a function of external forces

Workforce Predictions

- Change as a function of our solution

How many of your students are traveling the E-ROAD?

- Change as a function of disruptive innovation

A story about steel mills

Change as a Function of External Forces

Supply-side Factors

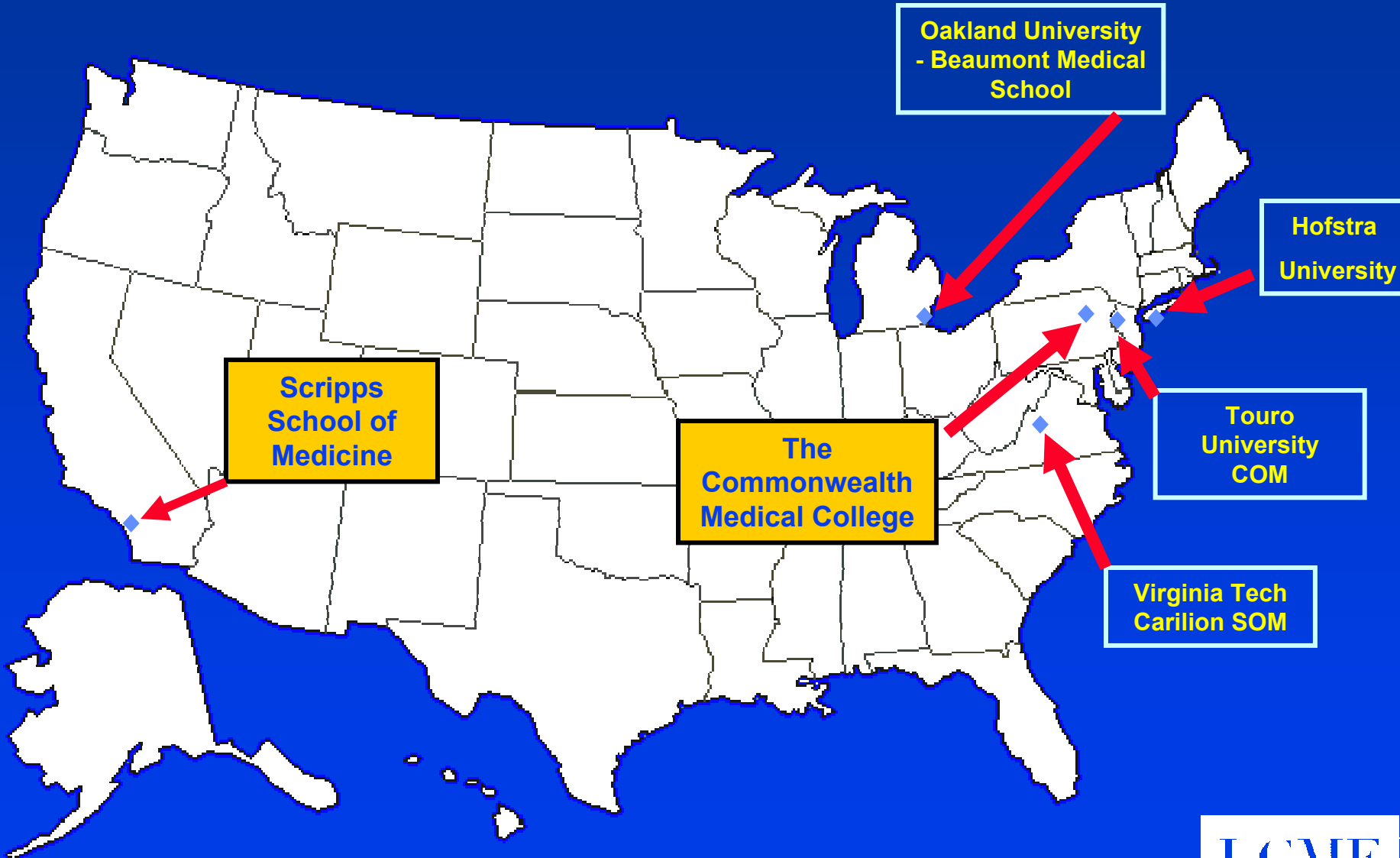
- New Medical Schools
- Expansion in Existing Medical Schools
- New Diversity Standards

Demand-side Factors

- Aging Population
- Workforce Characteristics

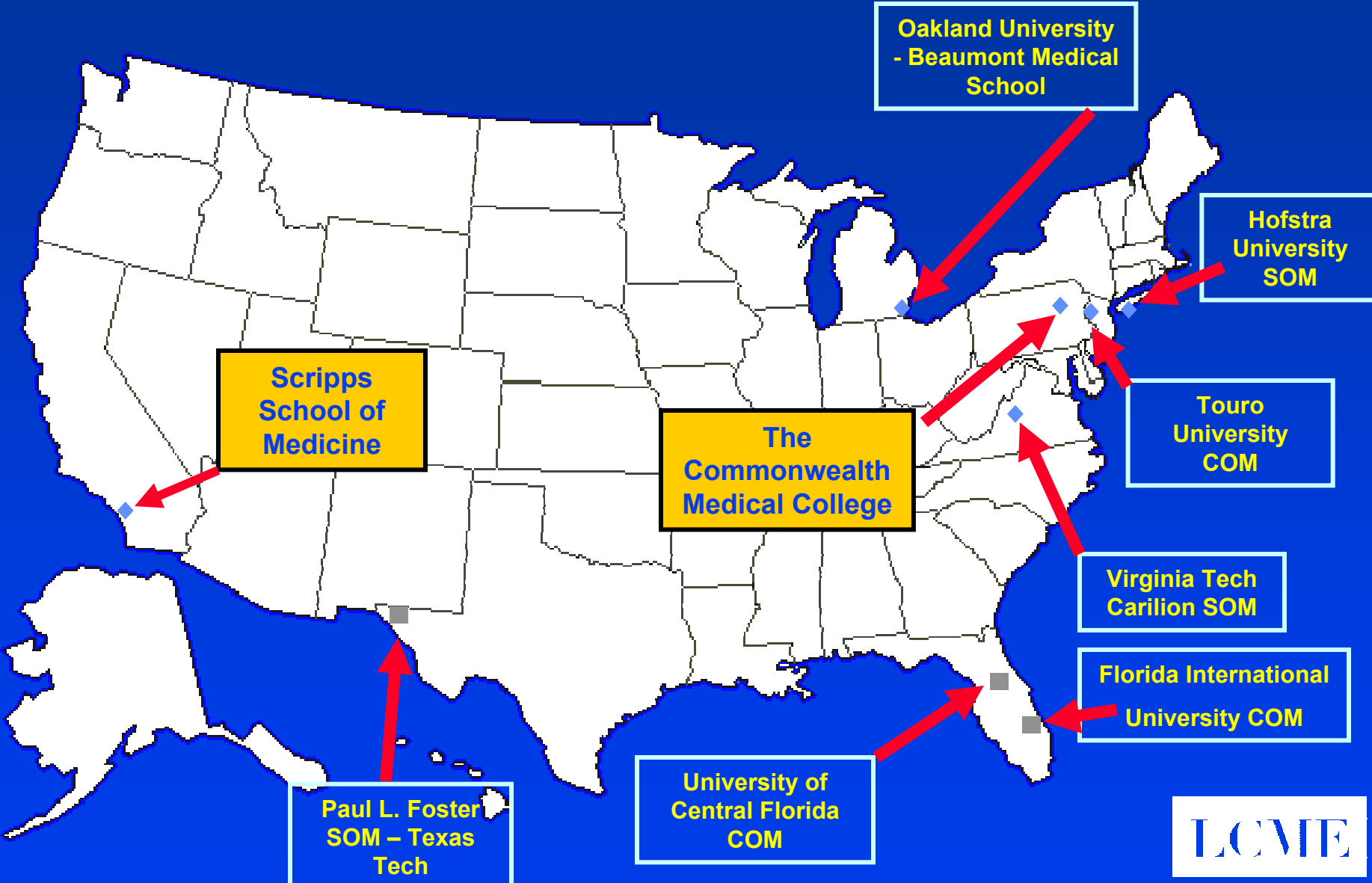
New Allopathic Medical Schools

◆ Seeking Accreditation



New Allopathic Medical Schools

- ◆ Seeking Accreditation
- Granted Preliminary Accreditation

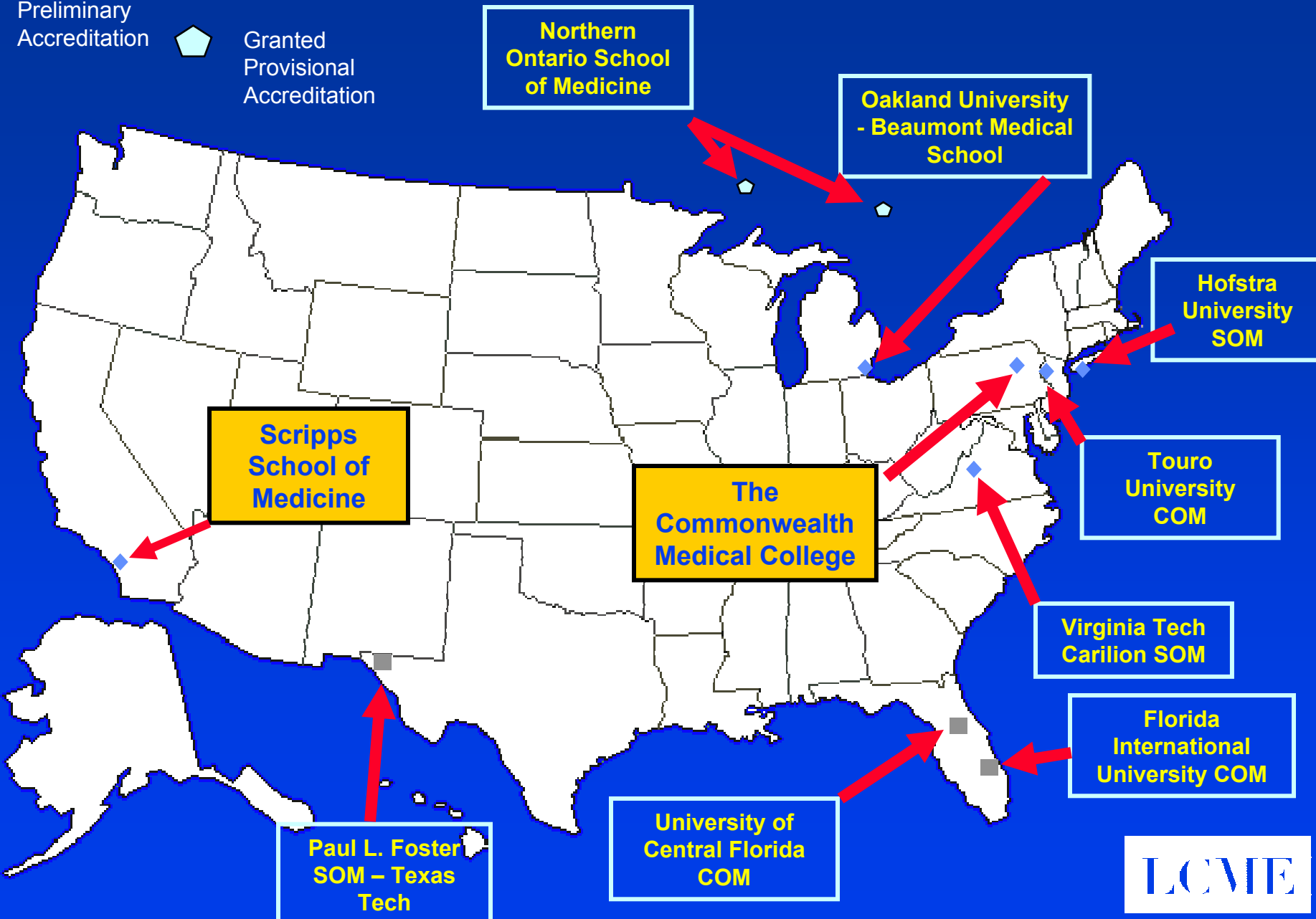


New Allopathic Medical Schools

◆ Seeking Accreditation

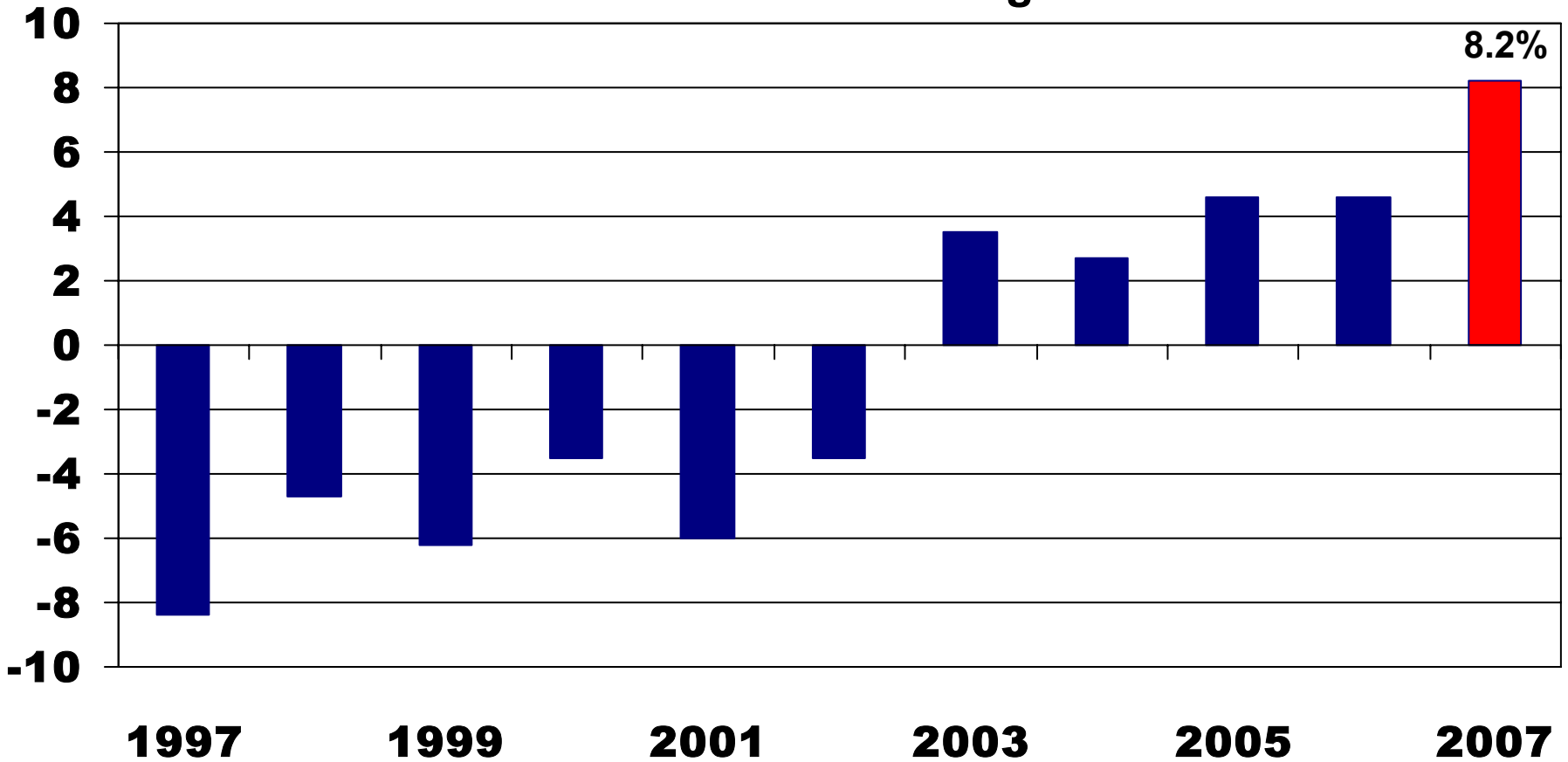
■ Granted Preliminary Accreditation

◊ Granted Provisional Accreditation



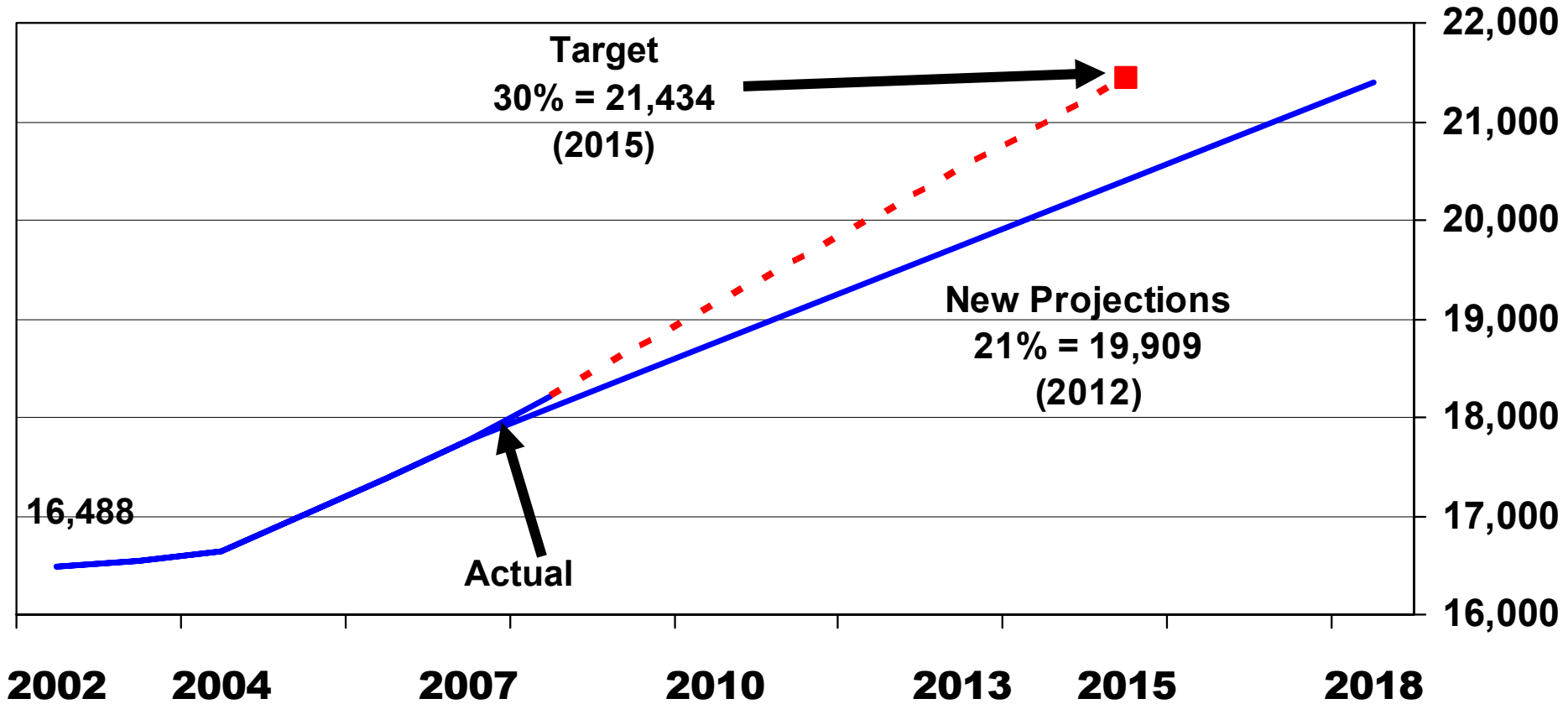
*Applicants to Medical School
Were Up 8% in 2007;
the Fifth Consecutive Annual Increase*

Annual Percent Change



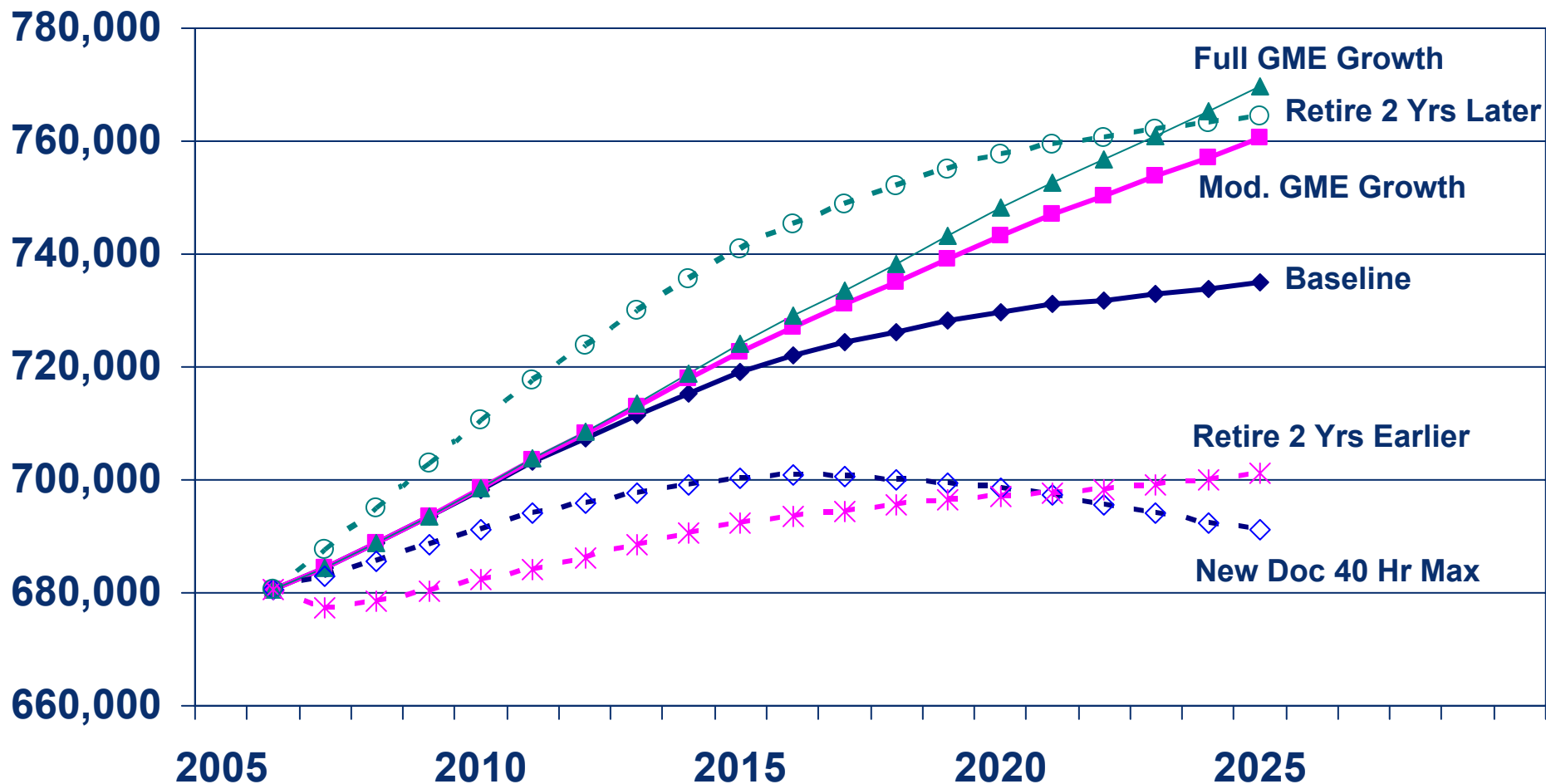
Source: AAMC Data Warehouse Applicant Matriculant File
as of September 25, 2007
Edward Salsberg, Feb. 28, 2008

On Track for a 30% Increase in First-Year Enrollment But Not Before 2017



Source: 2007 AAMC Dean's Enrollment Survey
Edward Salsberg, Feb. 28, 2008

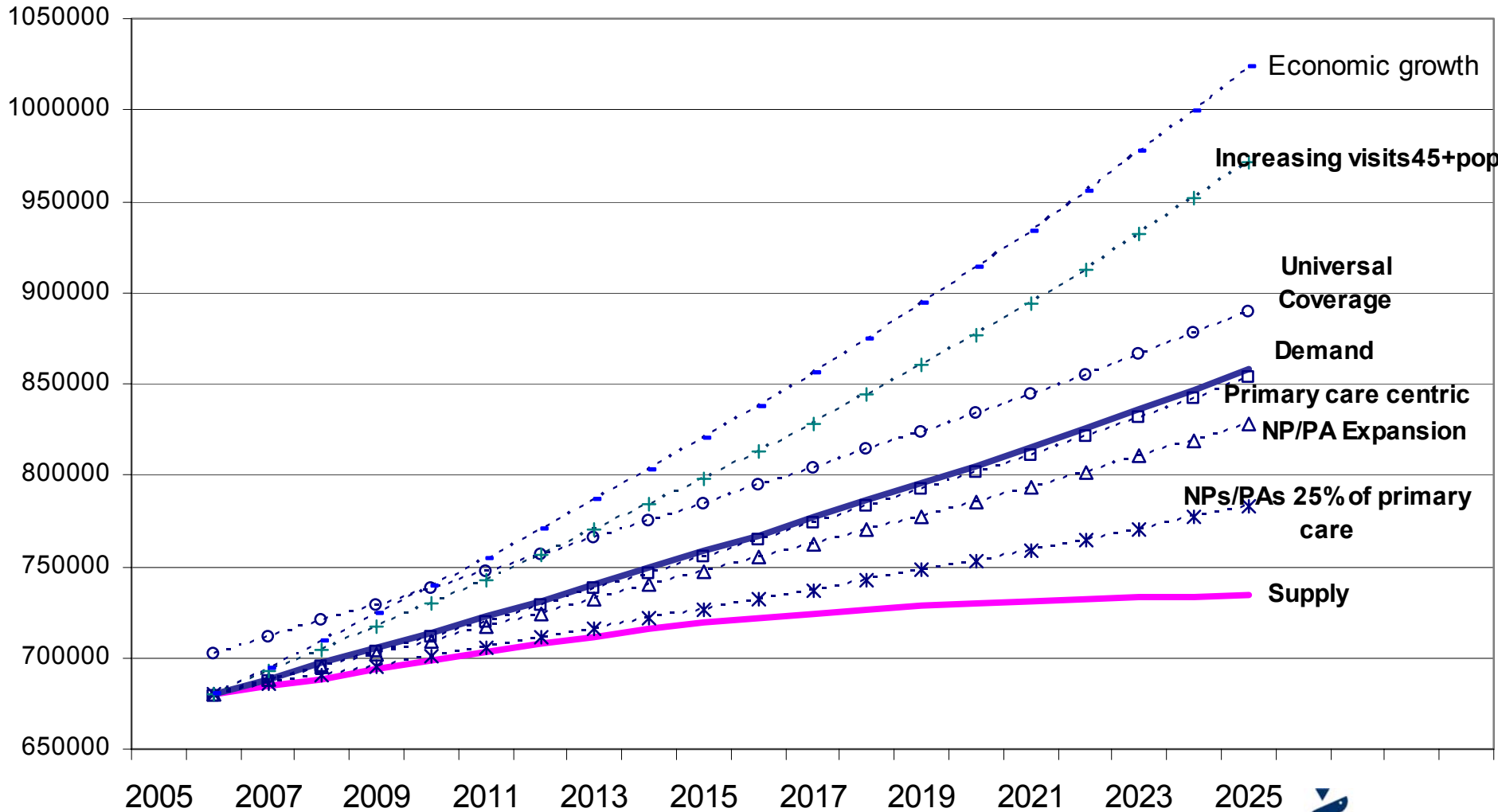
Summary of Supply Scenarios



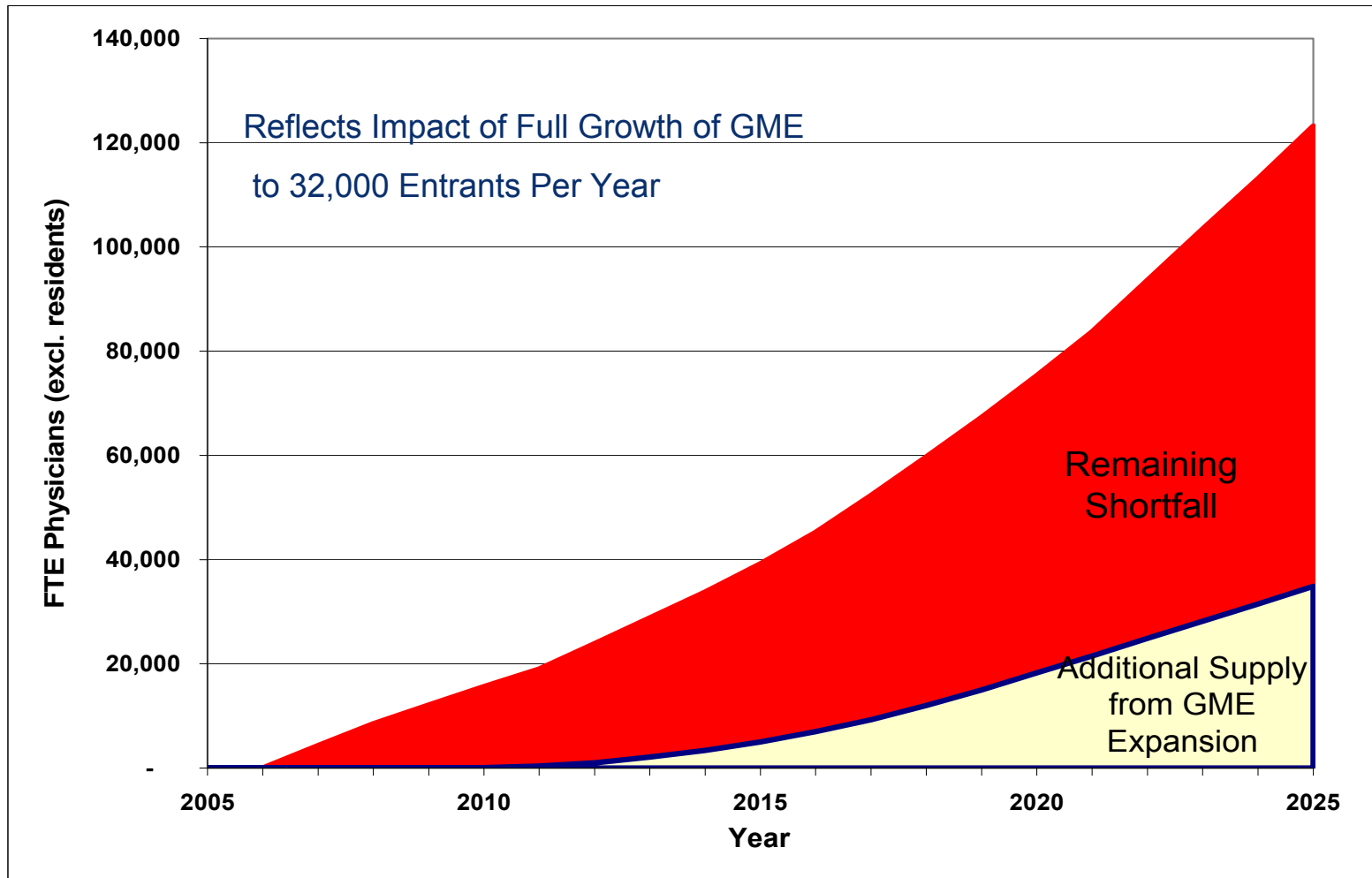
Source: AAMC Center for Workforce Studies
Preliminary Projections



Summary of Demand Scenarios



Expansion of UME and GME Unlikely to Meet All of Future Demand: Still Need System Improvements



Source: AAMC Center for Workforce Studies Preliminary Projections
Edward Salsberg, Feb. 28, 2008

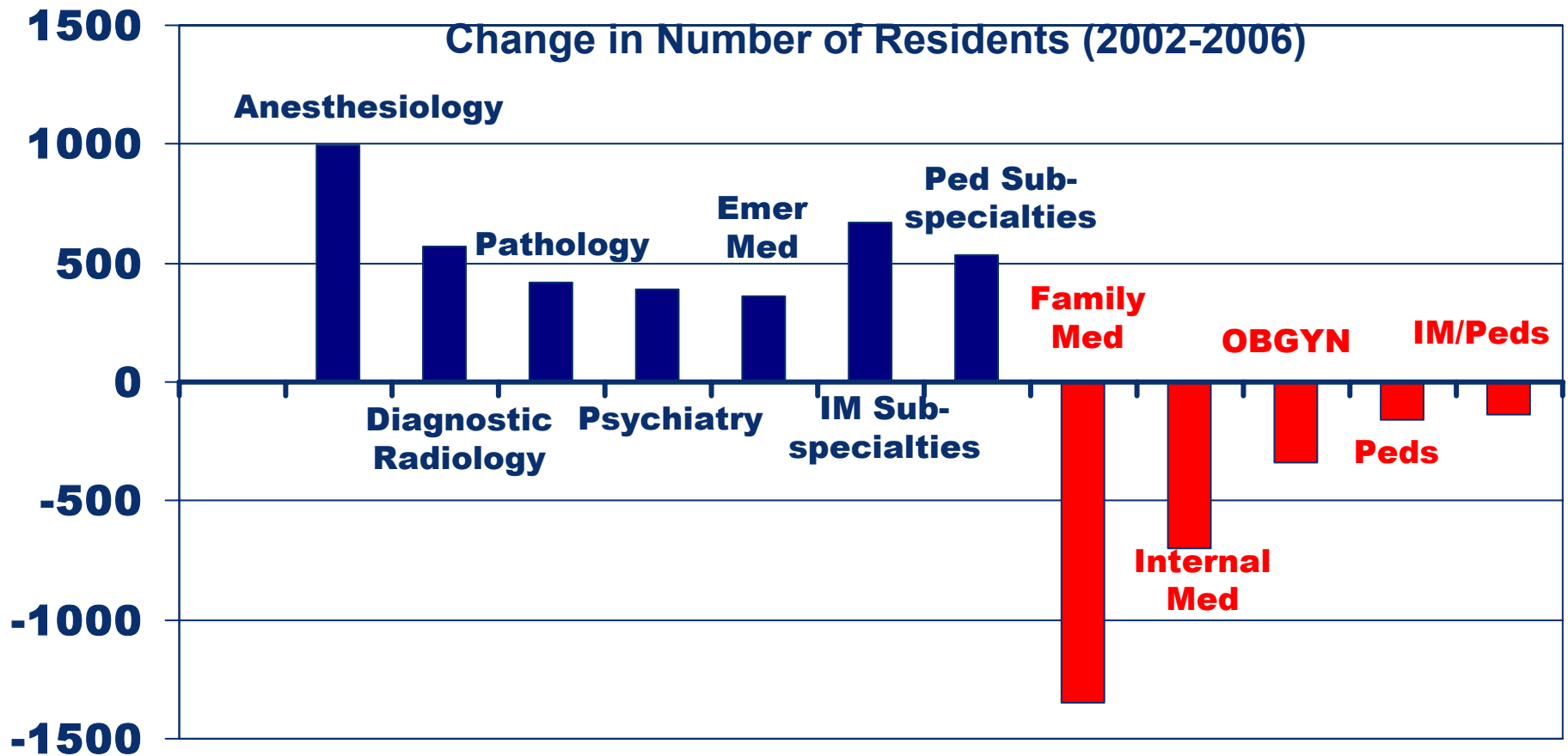
Change as a Function of our Solutions

“This year’s problem is last year’s
solution”

-Or-

Welcome to the E-ROAD

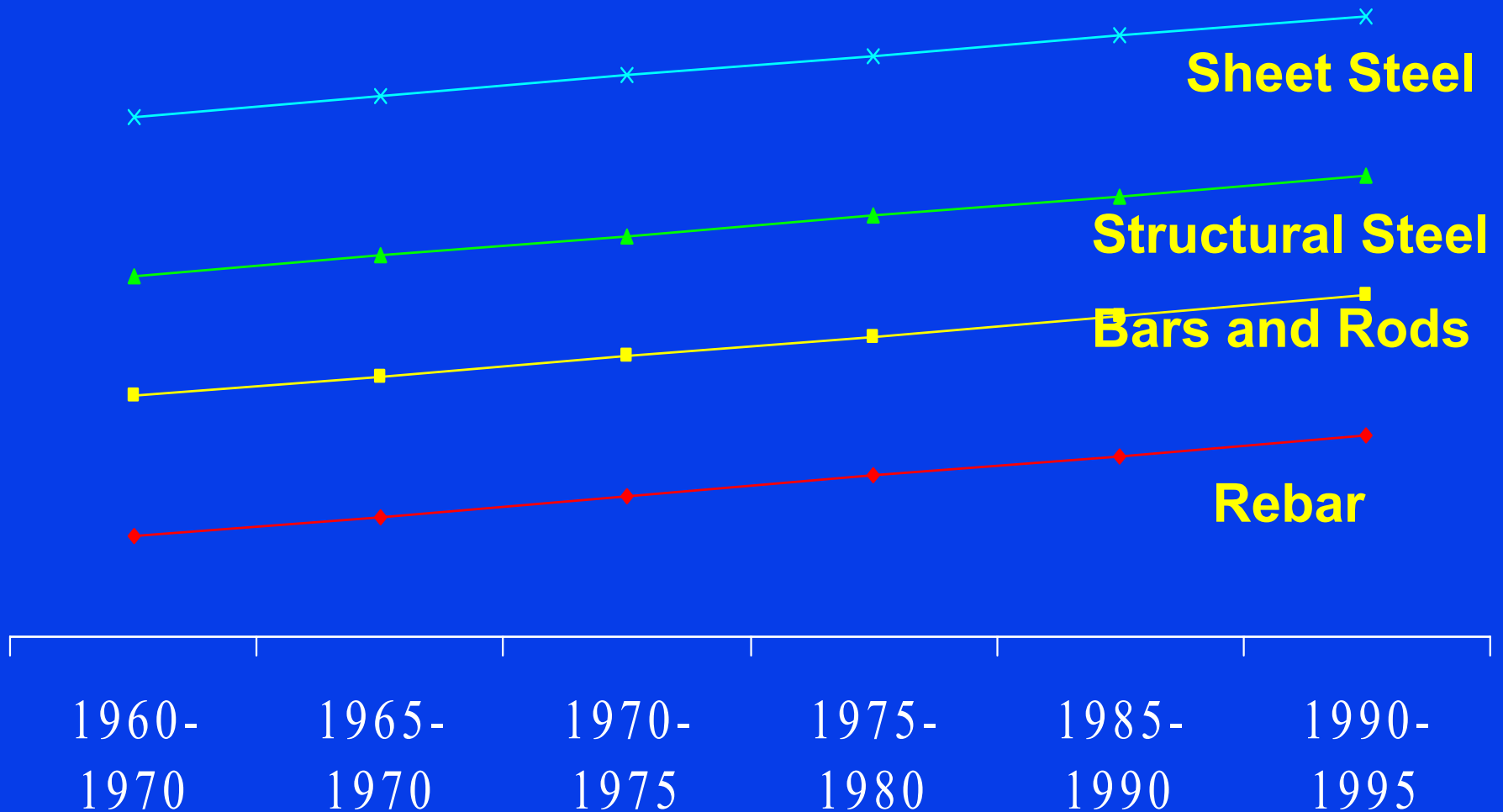
There Has Been a Significant Shift in the Number of US MDs Training in Different ACGME Specialties



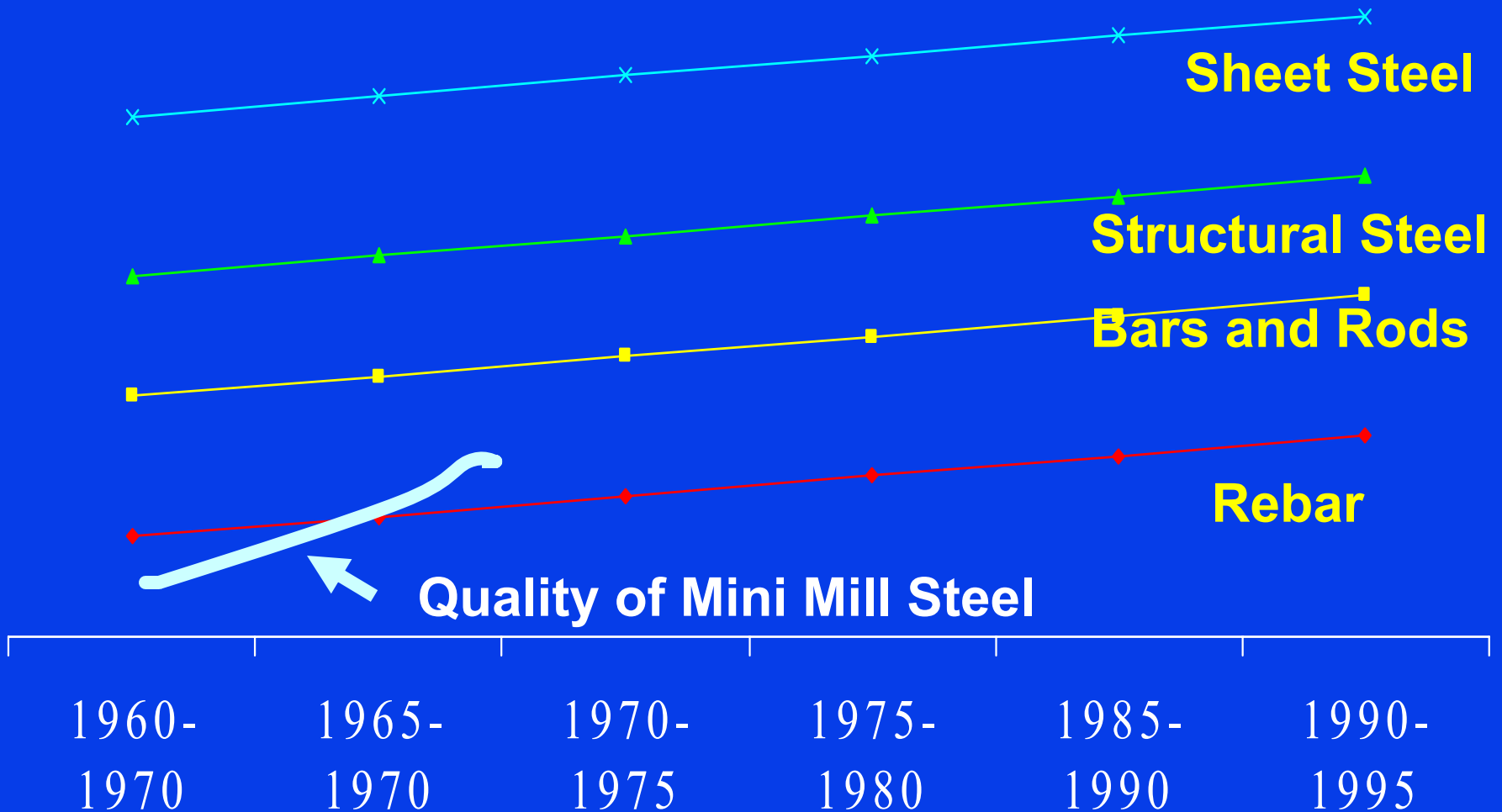
Change as a Function of Disruptive Innovations

A Case Study of the Steel Industry

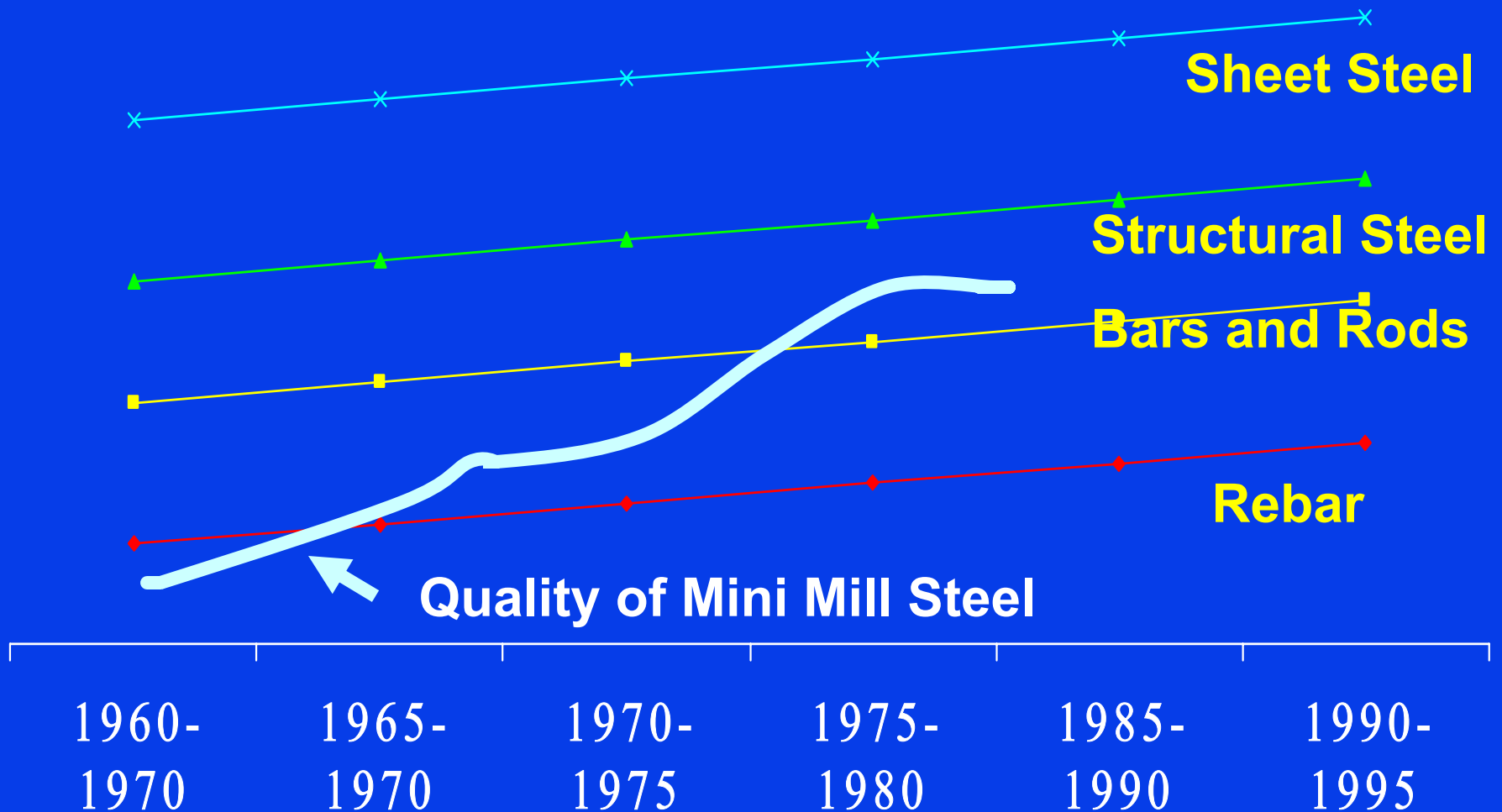
Disruptive Mini-mill Steel Technology



Disruptive Mini-mill Steel Technology



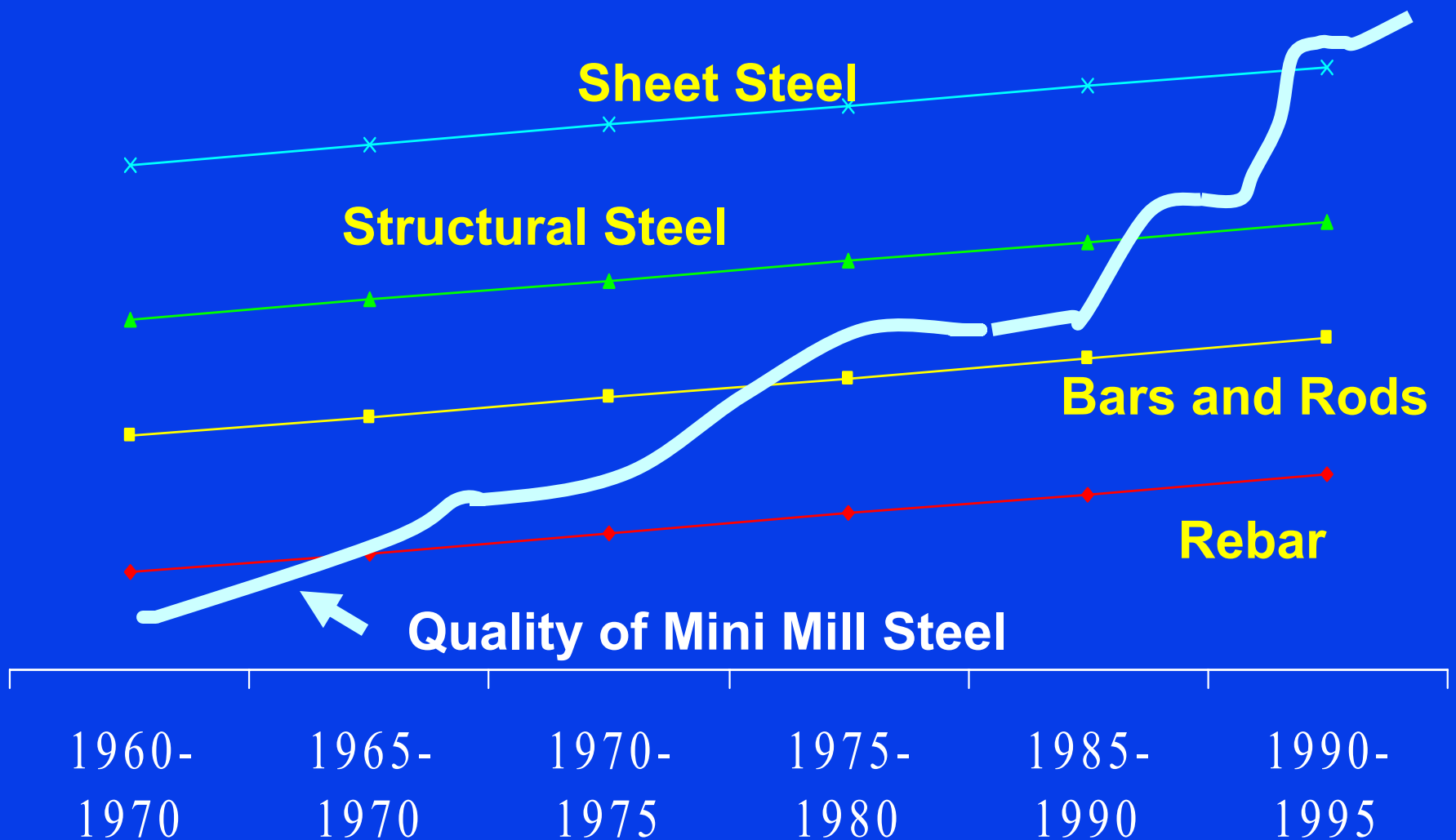
Disruptive Mini-mill Steel Technology



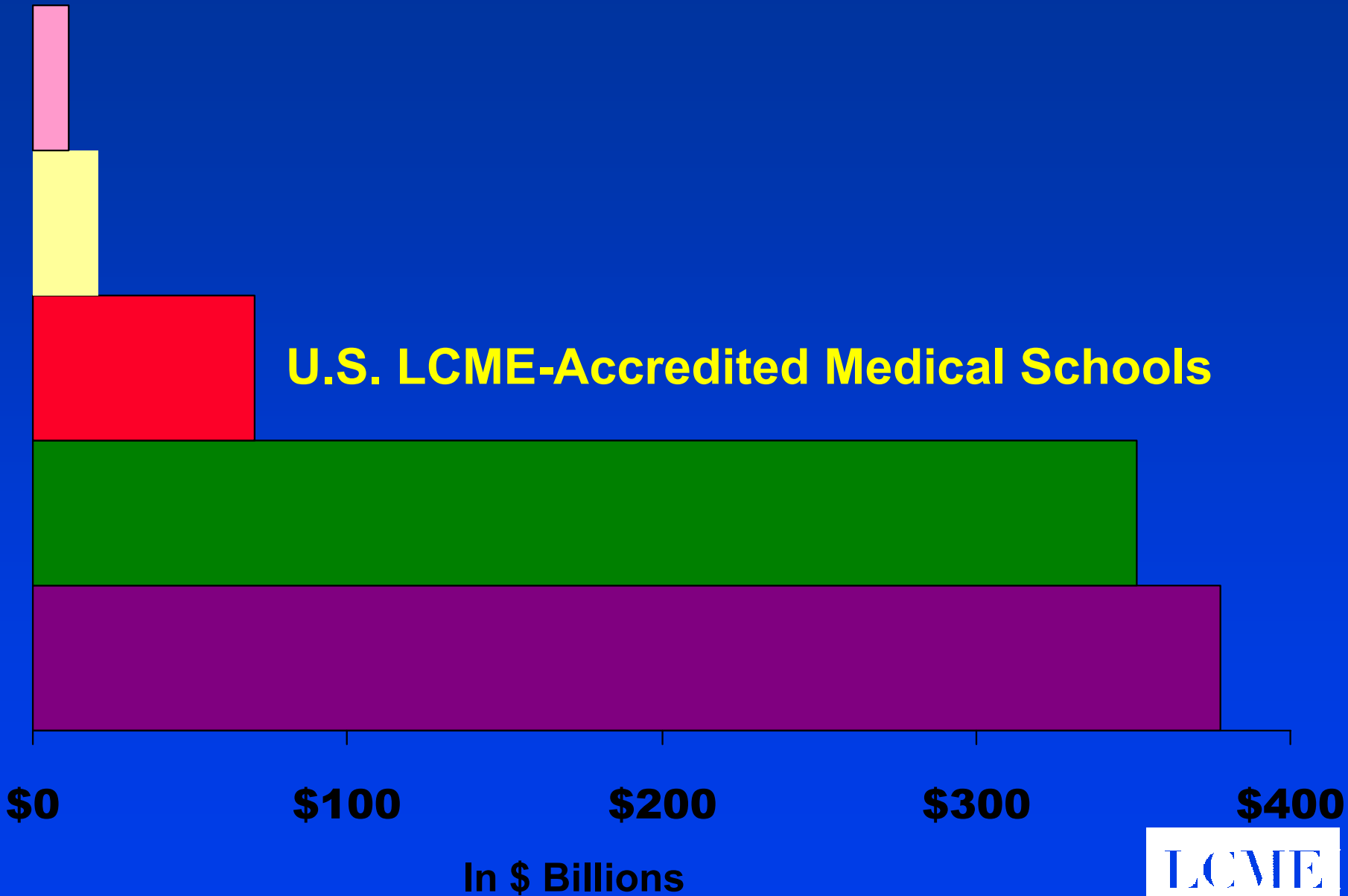
Disruptive Mini-mill Steel Technology



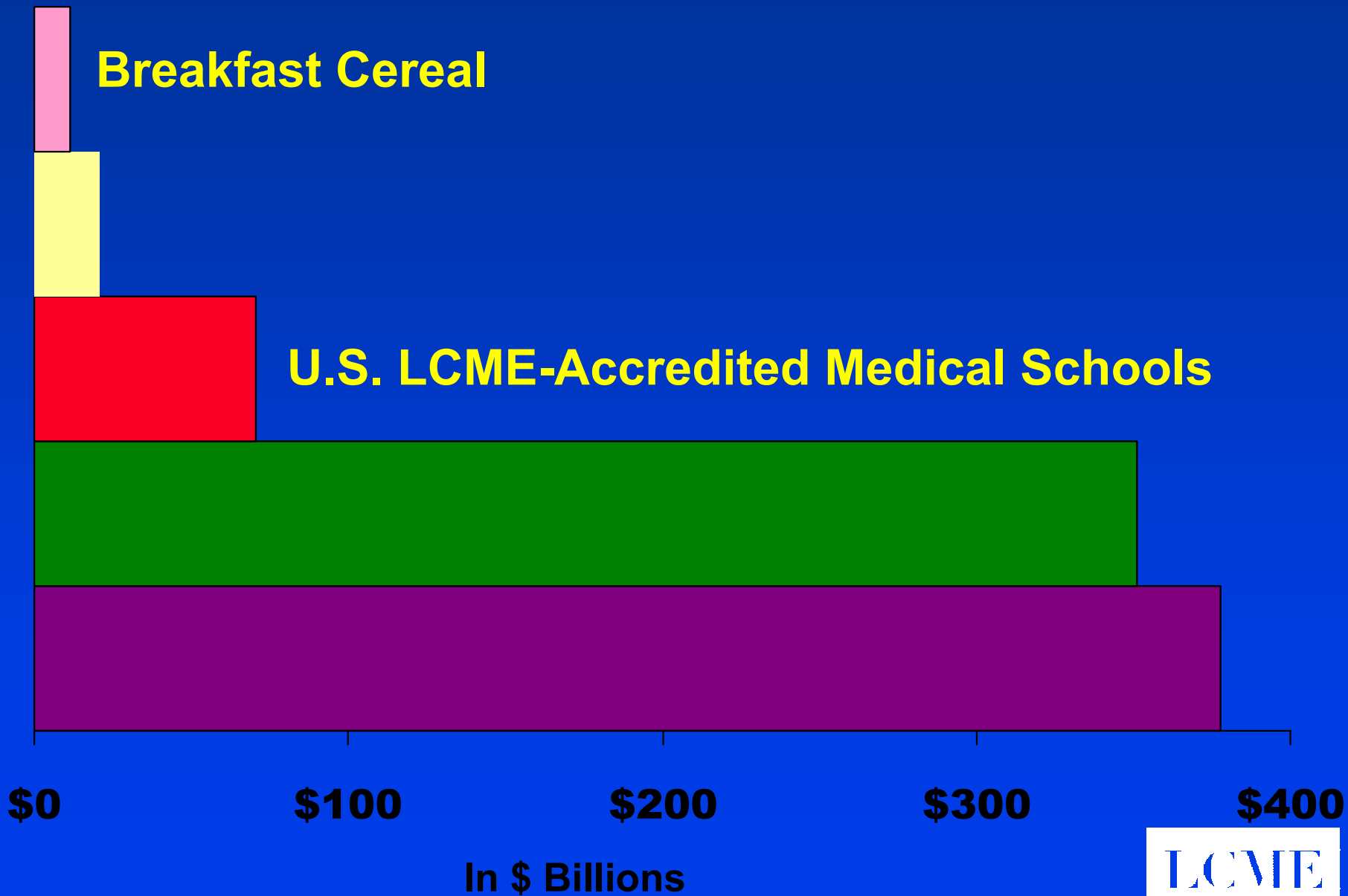
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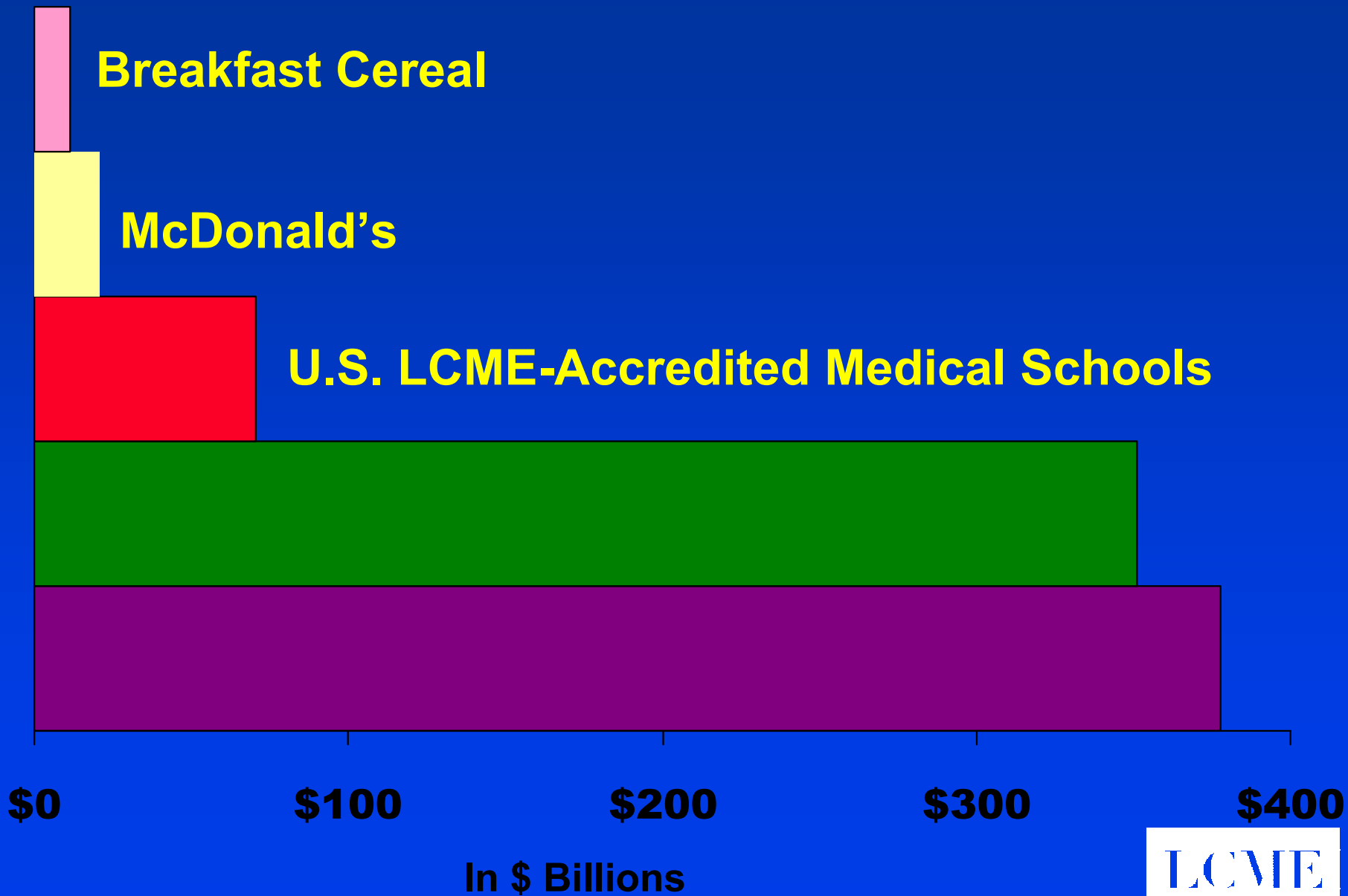
Scale of U.S. Medical Schools



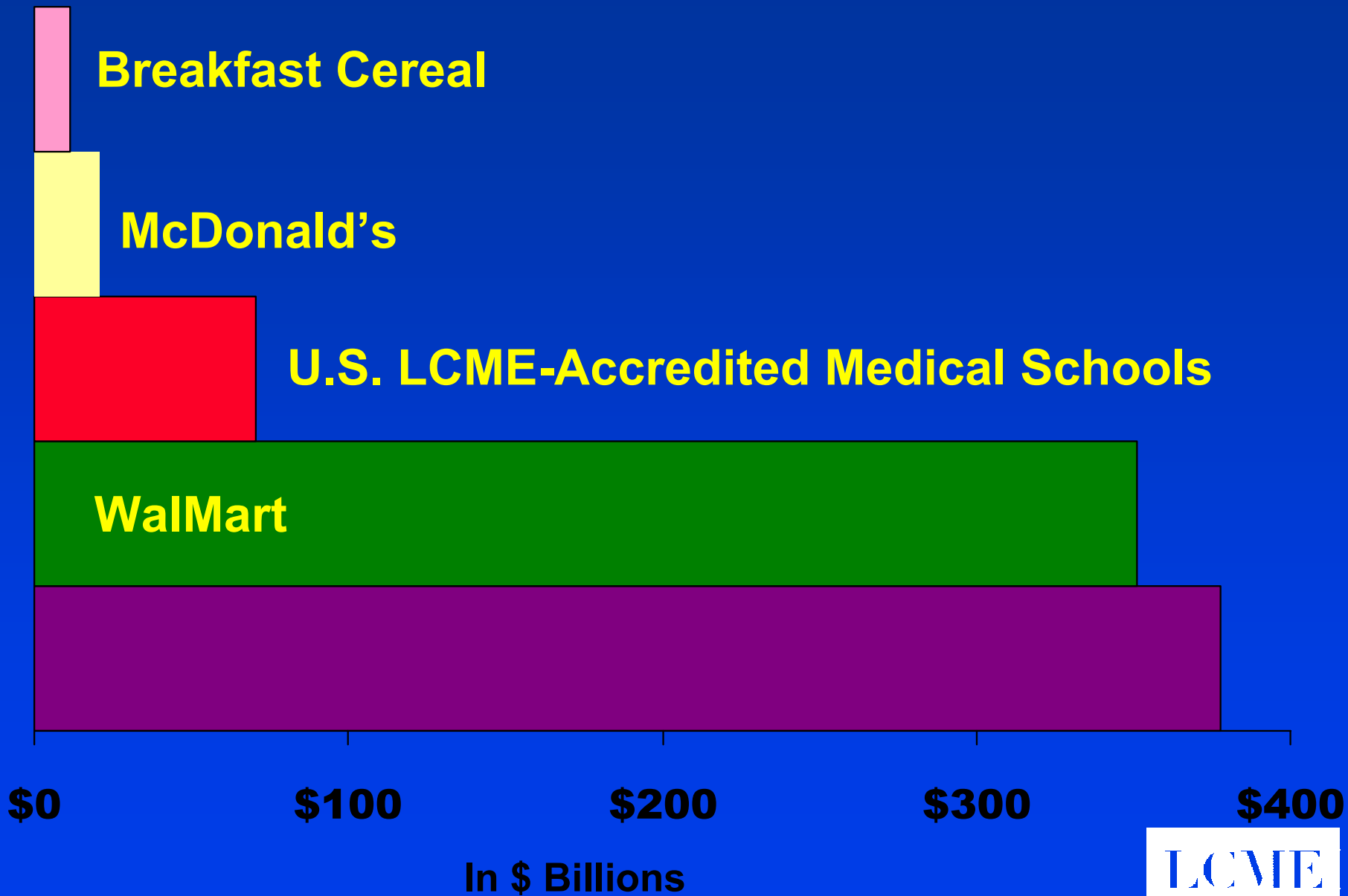
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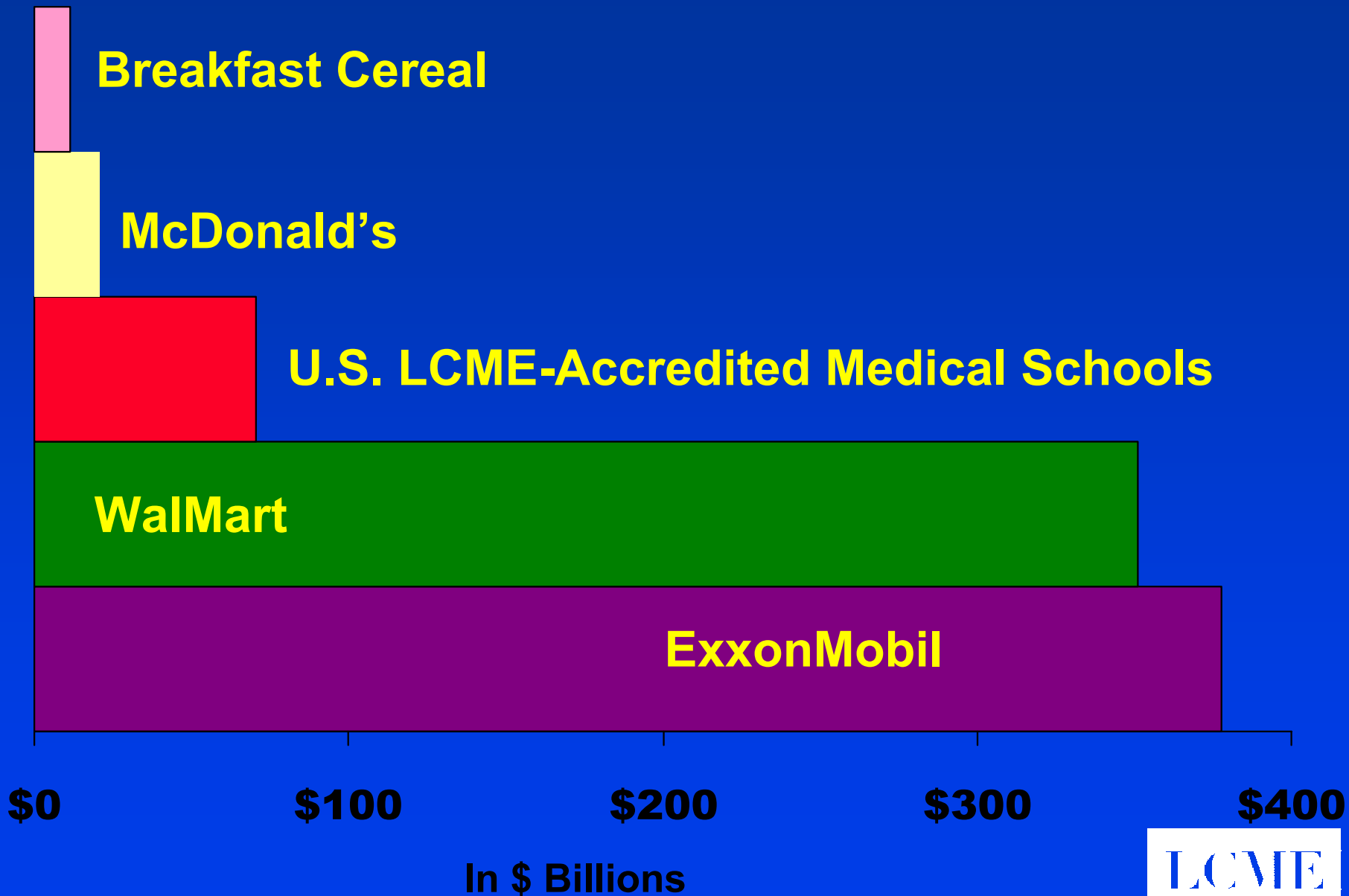
Scale of U.S. Medical Schools



Scale of U.S. Medical Schools



Scale of U.S. Medical Schools



If we can predict change.....



Then can we manage change?

A proposal to consider.....

**BE THE CHANGE THAT YOU WISH
TO CREATE**

