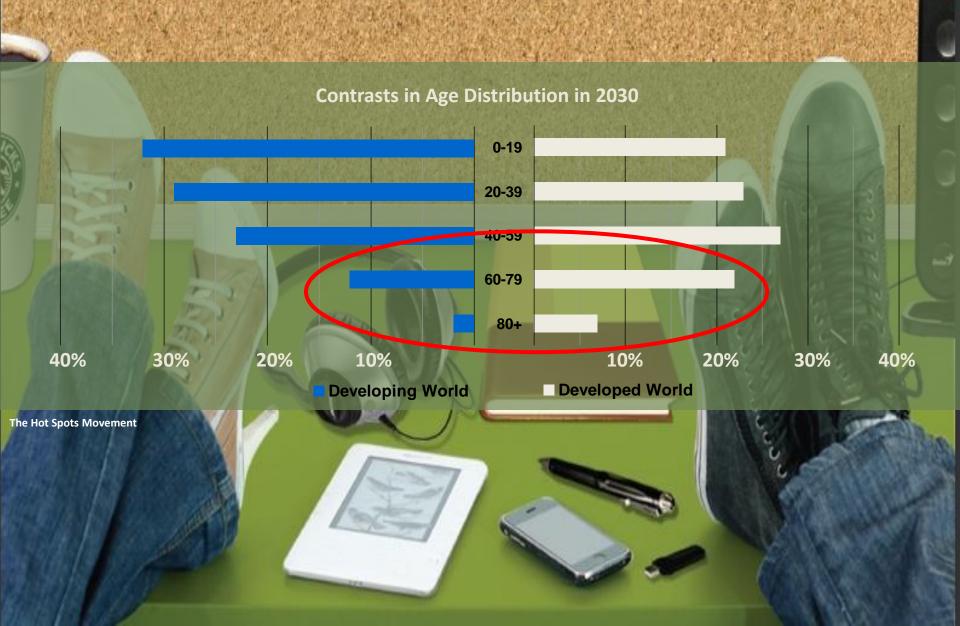
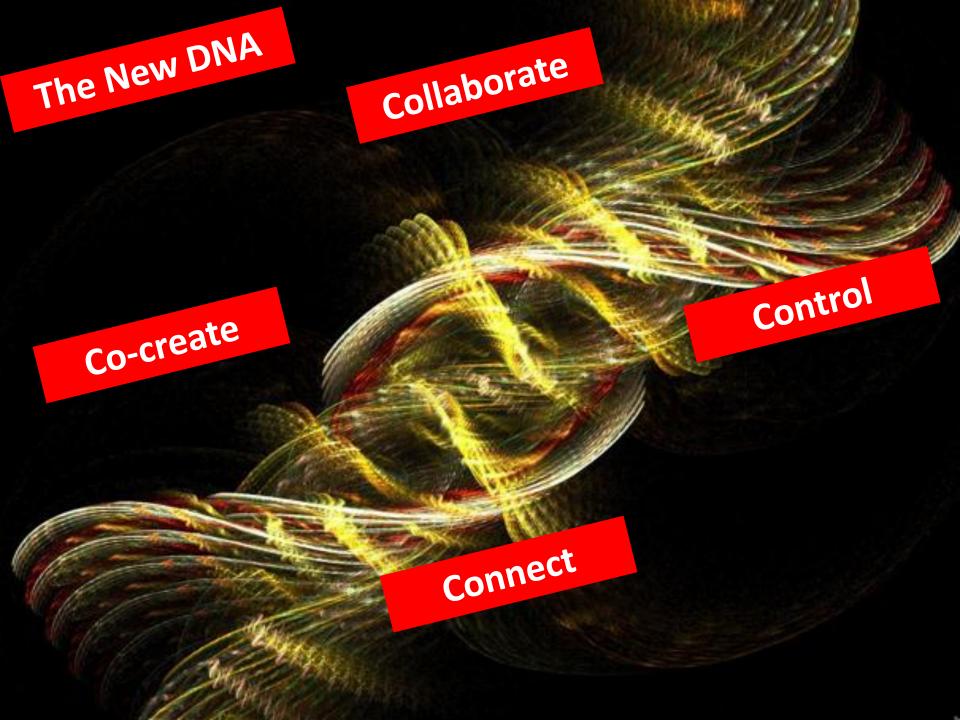


Generational Shifts Across the World







"We are about to see America unleashed in a way that our capitalism model has never experienced and we have never witnessed"

1 Talent - driven innovation 9.22 2 Cost of labor and materials 7.67 3 Energy cost and policies 7.31 4 Economic, trade, financial and tax systems 7.26 5 Quality of physical infrastructure 7.15 6 Government investments in manufacturing and innovation 6.62 7 Legal and regulatory system 6.48 8 Supplier network 5.91			
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2 Cost of labor and materials 7.67 3 Energy cost and policies 7.31 4 Economic, trade, financial and tax systems 7.26 5 Quality of physical infrastructure 7.15 6 Government investments in manufacturing and innovation 6.62 7 Legal and regulatory system 6.48 8 Supplier network 5.91			10=High 1=Low
3Energy cost and policies7.314Economic, trade, financial and tax systems7.265Quality of physical infrastructure7.156Government investments in manufacturing and innovation6.627Legal and regulatory system6.488Supplier network5.91	1	Talent - driven innovation	9.22
4 Economic, trade, financial and tax systems 7.26 5 Quality of physical infrastructure 7.15 6 Government investments in manufacturing and innovation 6.62 7 Legal and regulatory system 6.48 8 Supplier network 5.91	2	Cost of labor and materials	7.67
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7 Legal and regulatory system 6.48 8 Supplier network 5.91	5	Quality of physical infrastructure	7.15
8 Supplier network 5.91	6	Government investments in manufacturing and innovation	6.62
	7	Legal and regulatory system	6.48
	8	Supplier network	5.91
9 Local business dynamics 4.01	9	Local business dynamics	4.01
10 Quality and availability of healthcare 1.81	10	Quality and availability of healthcare	1.81

Source: Deloitte and US Council on Competitiveness - 2011

United States and Canada			
Drivers			
Talent-driven innovation			
Cost of labor and materials			
Economic, trade, financial and tax	Europe		
Energy cost and policies	Drivers		
Legal and regulatory system	Talent-driven innovation		
Quality of physical infrastructure	Energy cost and policies		
Government's investments in manufactu	Quality of physical Infrastructure		
Supplier network	Cost of labor and materials	Asia	
Local business dynamics	Legal and regulatory system	Drivers	
Quality and availability of healthca	Economic, trade, financial and tax	Talent-driven innovation	
	Supplier network	Government's investments in manufacturing and innovation Cost of labor and materials	
	Government's investments for manufacturing		
	Local business dynamics	Economic, trade, financial and tax systems	
	Quality and availability of healthcare	Energy cost and policies	
		Quality of physical infrastructure	
		Legal and regulatory system	
		Supplier network	
		Local business dynamics	
		Quality and availability of healthcare	
Se	ource: Deloitte and US Council on Competi	tiveness - 2011	

The US Landscape

From the peak of payroll employment in Dec.

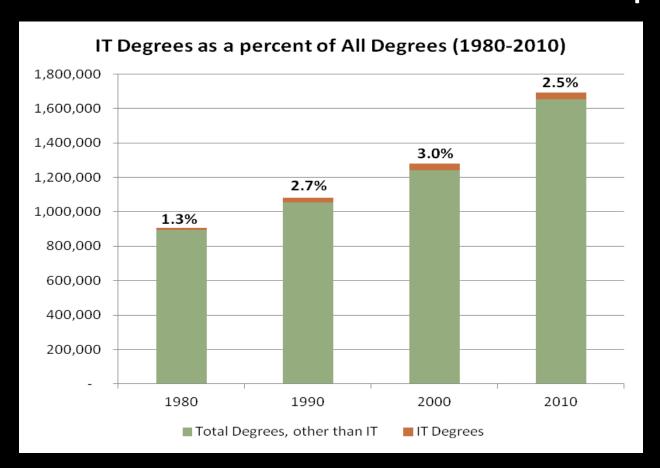
previ Since the trough, the U.S. has nce the 1.8N jobs of 20%.

added 1.8N iohs of the added 1.8N ED This loss was a

Some Occupations Are Tighter Than Others



The I.T. Dilemma: More Jobs Than People



- As a percentage of total degrees, there are fewer degrees conferred in Comp. Science now than in 1990.
- In 1990, associates degrees made up 31% of all degrees and **24%** of IT degrees. In 2010, associates are 33% of all degrees but **45%** of I.T. degrees.
- BLS expects 144K new I.T. jobs to be created or backfilled annually through 2018. If every I.T. graduate took an I.T. job, that would only account for half of the fills.

Massachusetts Industries with the Largest Job Growth Since 2011

	Massachusetts		Nationally			Percentage of
Industry	June 2012 (Thousands)	Over the Year Change (Thousands)	June 2012 (Thousands)	Over the Year Change (Thousands)	Percent of National Industry in Mass.	National Job Growth Accounted for in MA.
Retail trade	352.9	9.2	14759.8	103.6	2.39%	8.88%
Employment services	67.7	8.5	3210.9	264.8	2.11%	3.21%
Health care and social assistance	518.4	7.3	16982.1	348.1	3.05%	2.10%
Computer systems design and related services	65.3	6.7	1597.4	68.8	4.09%	9.74%
Architectural and engineering services	36.5	1.0	1338.8	32.0	2.73%	3.13%
Accounting and bookkeeping services	20.2	0.9	884.1	14.2	2.28%	6.34%
Insurance Carriers and related activities	63.9	0.4	2291.7	2.9	2.79%	13.79%

With the exception of Retail Trade, most of Massachusetts growing industries are employers of high skilled workers. Computer Systems Design job growth is exploding and has been gaining since 2010. Since last year, 1 out of every 10 new IT jobs created nationally are in Massachusetts. Employment Services, a leading market indicator for future hiring, is the second fastest growing industry locally with 8,500 jobs since last year keeping Mass. on par with national trends.

Massachusetts Industries Declining Since 2011

	Massachusetts		Nationally		Percent of National	Percentage of National	
Industry	June 2012 (Thousands)	Over the Year Change (Thousands)	June 2012 (Thousands)	Over the Year Change (Thousands)	Industry in Mass.	Job Growth Accounted for in MA.	
Real estate and rental and leasing	40.1	-1.0	1995.5	37.5	2.01%	-2.67%	
Securities	41.7	-1.9	804.9	-6.5	5.18%	-29.23%	
Government	432.5	-3.8	21907.0	-202.0	1.97%	-1.88%	
Construction	110.3	-5.4	5718.0	14.0	1.93%	-38.57%	

Massachusetts' declining industries have mixed skill levels. One with lower skill levels, Construction, had the largest variance from national trends with a notable decline despite national job growth. Real estate saw a similar pattern.

Remarkably, 1 out of every 3 jobs lost in securities nationally since last year was within Massachusetts. Government's issues locally reflect national trends as well.

The Perfect Storm

The changing social contract

The slow economic recovery

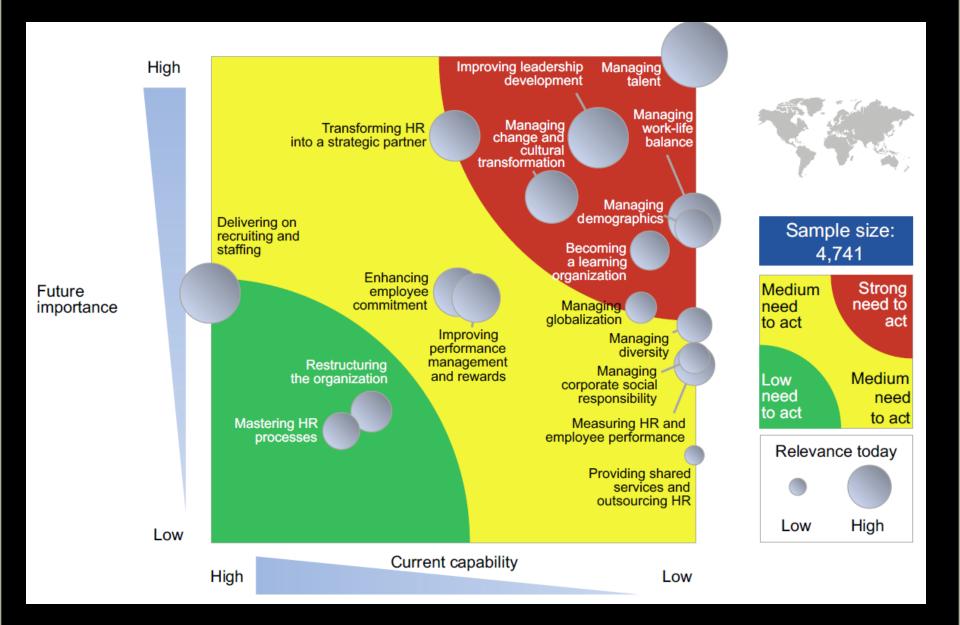
The demand for skills in emerging markets

The growing need for contingent workers

Talent driven innovation

The passage of national healthcare











Integration

