



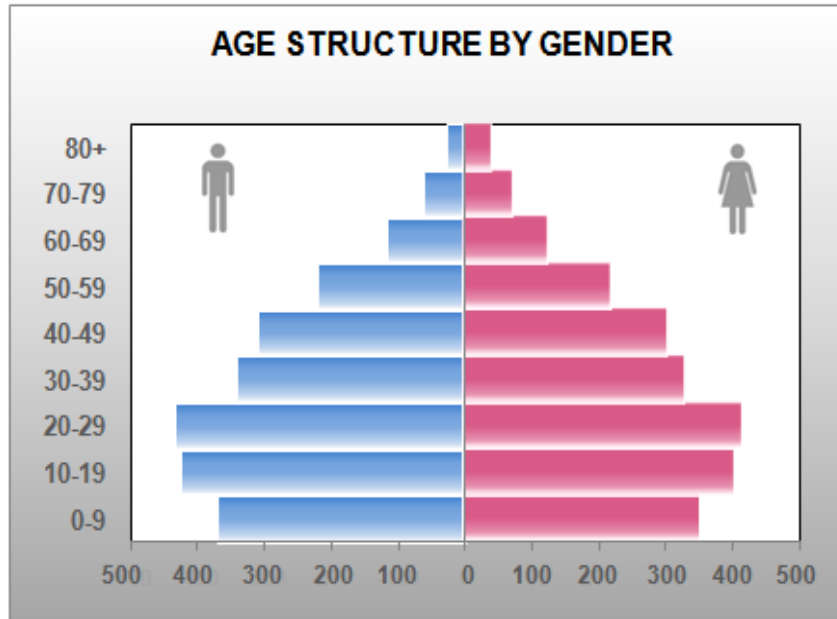
COSTA RICA

Costa Rica's Workforce Data Sheet

*CINDE's Research
Department
August, 2011*

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Our people make the difference ^{a/}



Notes:

^{a/}: Data for 2010 comes from a new National Survey. This survey has a different methodology than the previous years surveys, making the results not directly comparable.

^{b/}: Mid-Year estimates

■ Population as of July 2010:

- 4.6 million
- 35.8% of the population is 15 to 35 years old
- Annual population growth: 1.2%
- GDP / Capita, 2010: US\$7,843

■ Labor force 2010: 2.05 million

- Female participation in labor force: 38.2%
- Unemployment, 2010 ^{b/}: 7.3%
- Underemployment, 2010 ^{b/}: 11.2%

■ Universal Health Care and Education System

- Pillars of the national stability:
 - Health: 10.5% of the GDP
 - Education: 8.0% of the GDP

The majority of the population lives in the Great Metropolitan Area

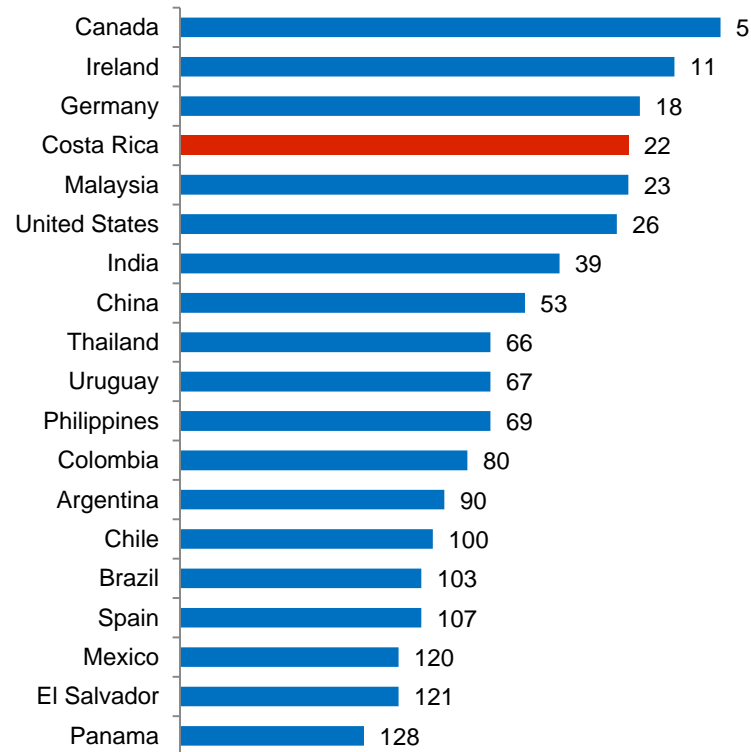


61.7% of the total population

65.2% of the total labor force

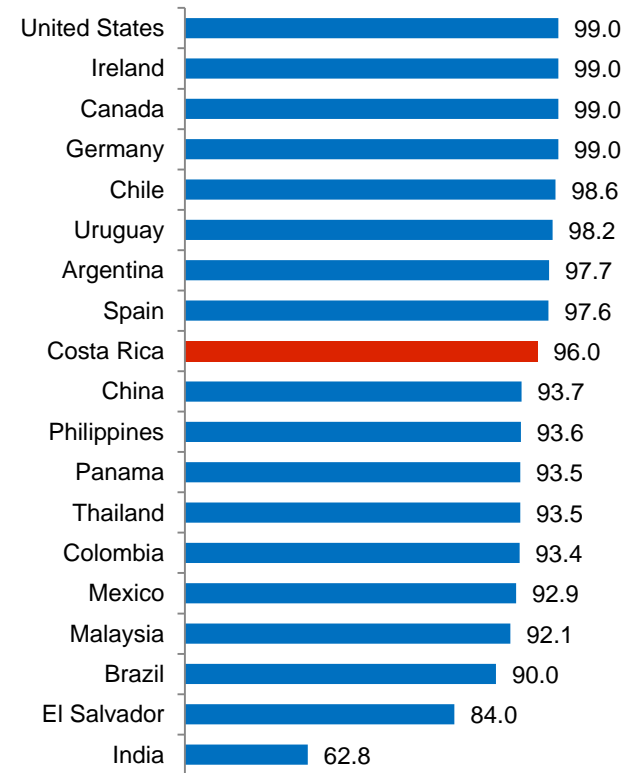
Our educational system is ranked 22nd, the highest in Latin America

Quality of the Educational System
Rank



Source: World Economic Forum.
The Global Competitiveness Report 2010 - 2011

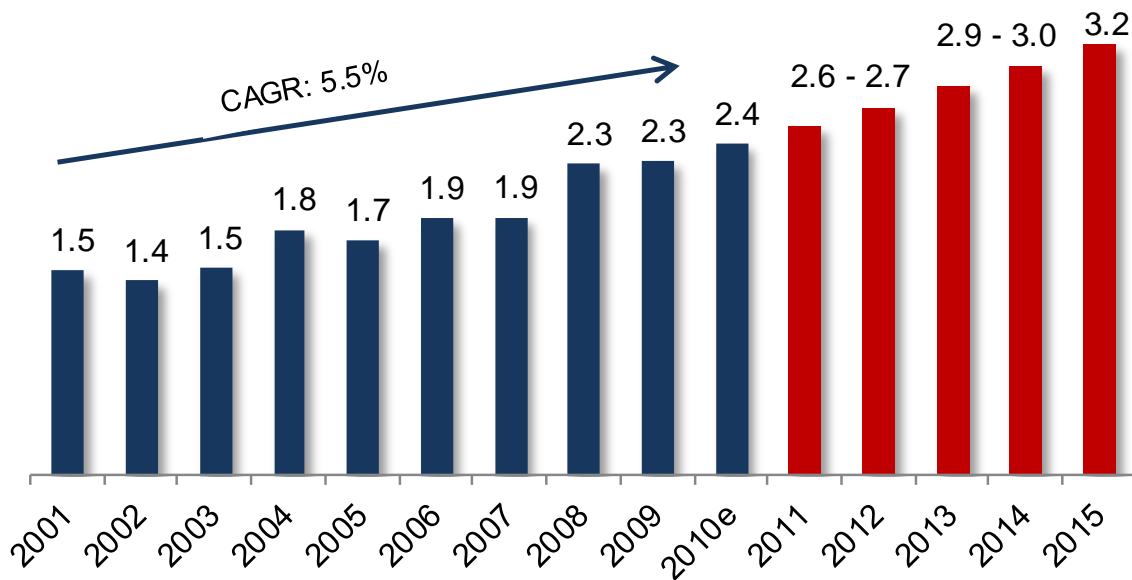
Adult Literacy Rate
Rate (%)



Source: United Nations.
Human Development Report 2010

There is a constant growth of graduates in engineering programs

Total diplomas granted in Engineering careers (thousands)

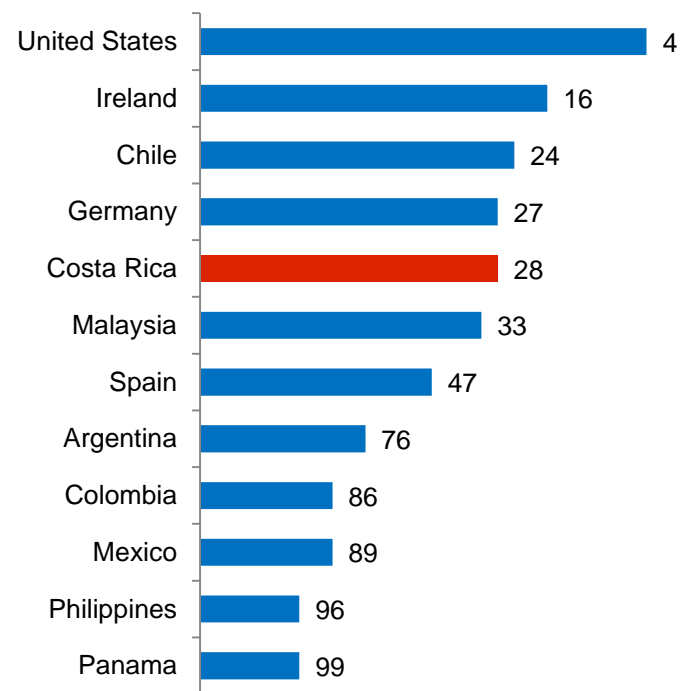


The number has been growing since 2001 at a rate of 5.5%

Source: CINDE based on data from CONARE and Universities Registry Departments

e: Estimate

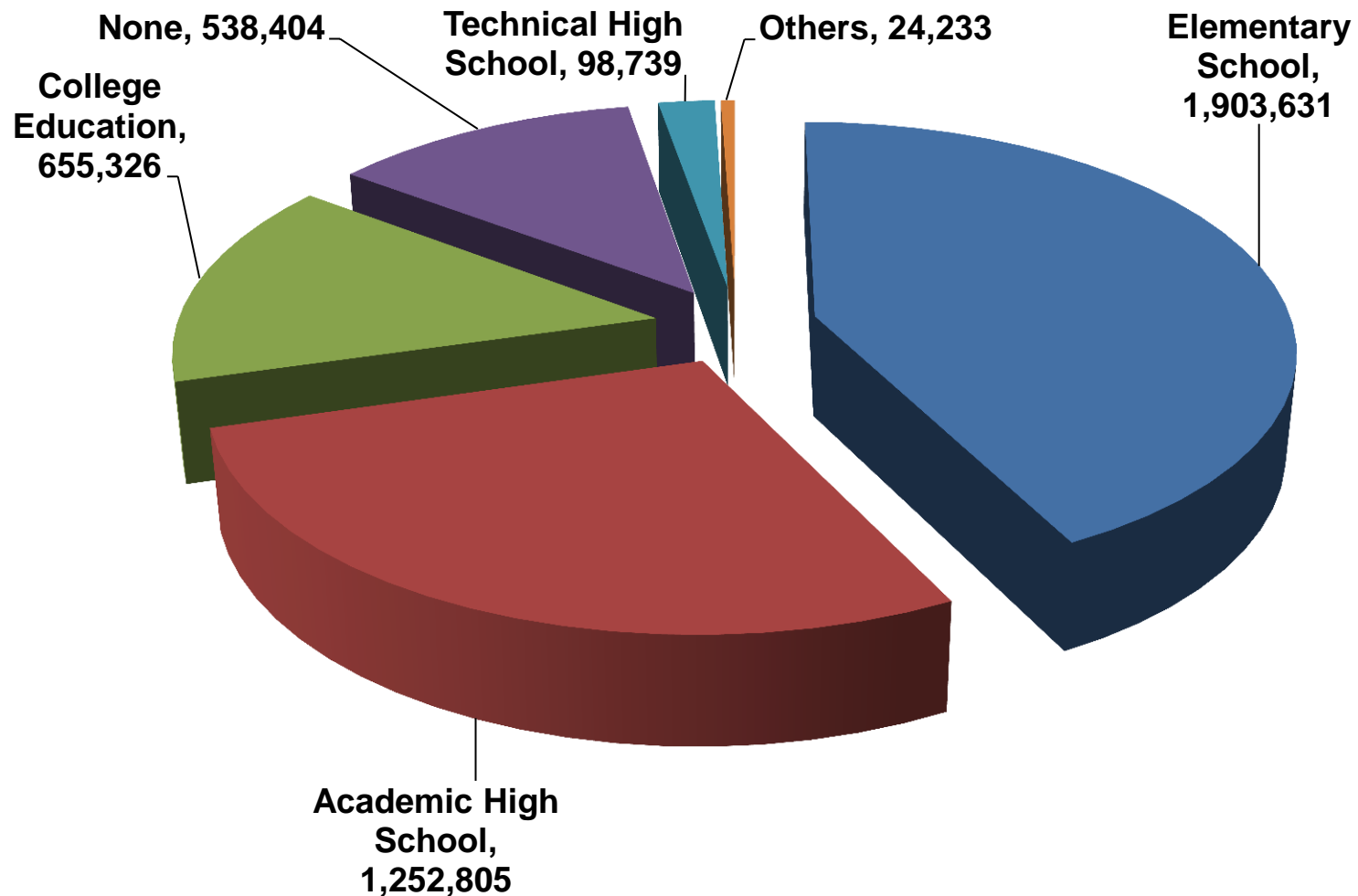
Availability of Scientists and Engineers Rank



Scientists and engineers in the country are:
 1 = nonexistent or rare
 7 = widely available

Source: World Economic Forum. The Global Competitiveness Report 2010 - 2011

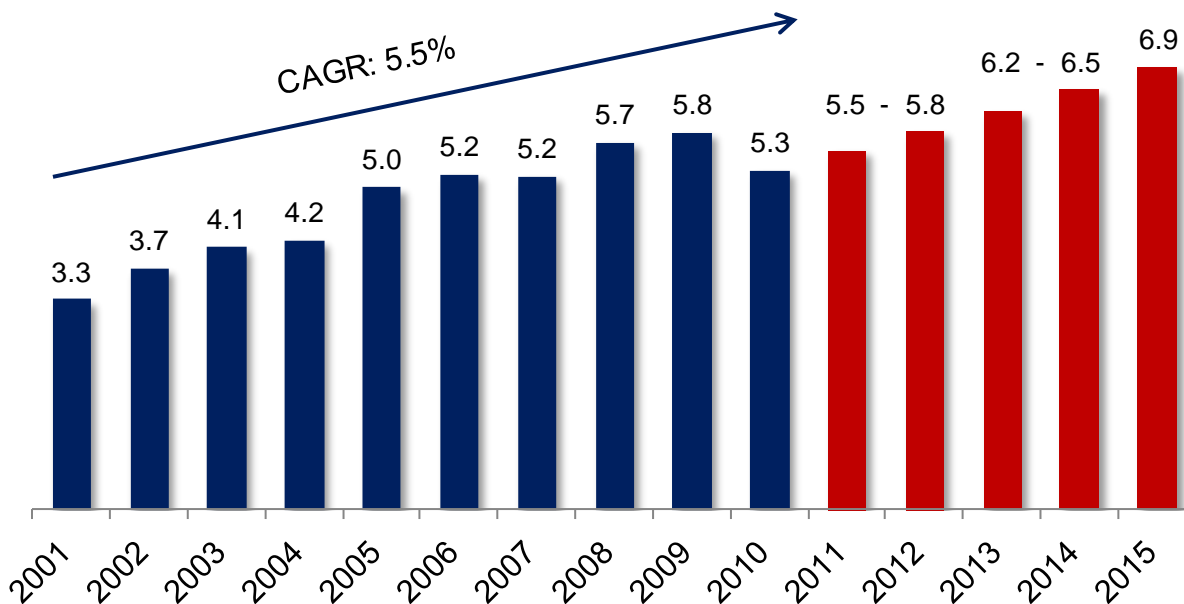
Level of instruction (Total Population)



Source: INEC, Household Survey 2009

Technical High School Graduates

(thousands)



Source: CINDE based on data from Ministry of Public Education

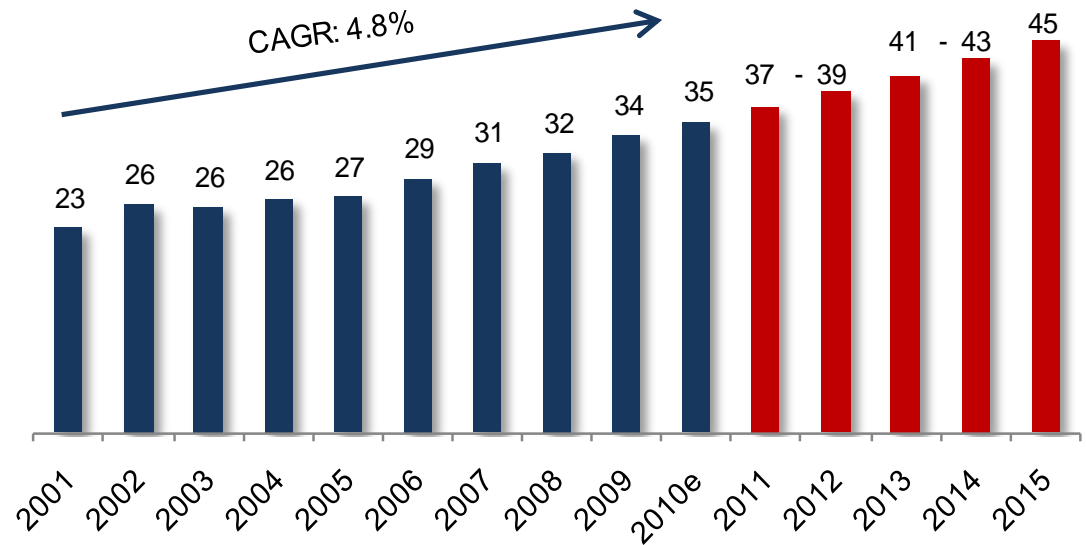
Technical High Schools

- ✓ 96 institutions
- ✓ More than 69,000 students enrolled
- ✓ 52 different specialties in 3 areas of expertise (services, industrial, and agribusiness)
- ✓ Technical High School begins in the fourth year of High School
- ✓ Students take the regular academic program + technical training
- ✓ Technical High Schools have one more year than regular academic institutions (Total = 6 years)
- ✓ Some specialties:
Accounting, Architectural Drawing, Banking & Finance, Computer Programming, Electromechanics, Electronics, Graphic Design, Industrial Electronics, Industrial Maintenance, Network Informatics, Precision Mechanics, Software Development Informatics, among others

Universities

- ✓ Total of 59: 5 public, 54 private
- ✓ Public Universities:
 - Universidad de Costa Rica
 - Instituto Tecnológico de Costa Rica
 - Universidad Nacional
 - Universidad Estatal a Distancia
 - Universidad Técnica Nacional
- ✓ Private Universities:
67.8% of diplomas granted in 2009
 - ULACIT
 - Universidad Creativa de Costa Rica
 - Universidad Fidelitas
 - Universidad Hispanoamericana
 - Universidad Internacional de las Americas
 - Universidad Latina
 - Universidad Veritas
 - UCIMED, UNIBE (Specialized in Medical and Life Sciences)
- ✓ INCAE (Harvard University): #3 Business School in Latin America (America Economía, 2011)

University Graduates (thousands)



Source: CINDE based on data from CONARE & Universities' Registry Departments

e: Estimate

Strong academic background in public universities

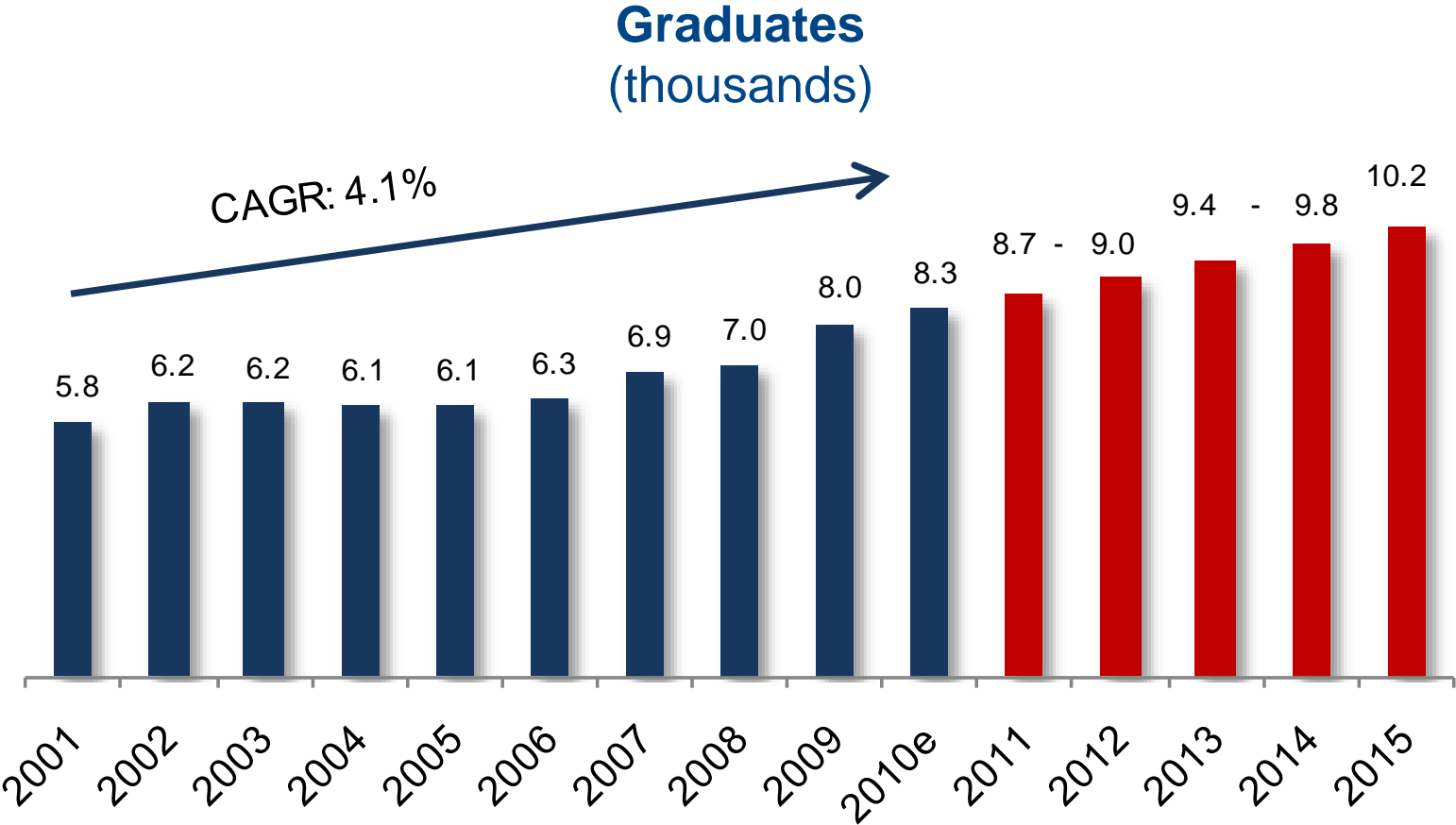
- **Universidad de Costa Rica (UCR):** Established in 1940. Largest university in the country
 - 7 campuses and 37,600 active students
 - Approximately 4,500 diplomas granted every year in 365 careers
 - Engineering School: Mechanical, Electrical, Industrial, etc.
 - Strong background in Life Sciences (academic formation and research labs)
 - Other careers including: Accounting, Business, Economics, Informatics, etc.

- **Instituto Tecnológico de Costa Rica (TEC):** Established in 1972
 - 4 campuses and 8,000 active students
 - Approximately 1,500 diplomas granted every year in 23 different careers, including: Biotechnology, Business, Industrial Maintenance, Electromechanical, Electronic, Computer, and Environmental Engineering

- **Universidad Nacional (UNA) :** Established in 1973
 - 3 campuses and around 15,000 active students
 - Approximately 2,500 diplomas granted every year in 50 different careers
 - Careers such as Business, Biology, Computer, Economics, Industrial Chemistry, and Systems Engineering

- **Universidad Técnica Nacional (UTN).** Established in 2009
 - Main campus conveniently located 1.5 km from Coyol in Alajuela
 - 5,000 students enrolled in 2010
 - 30 different technical careers including: Accounting, Business, Electromechanics, Electronics, Information Technology, Production Supervision, Quality Assurance, and Industrial Production

University graduates in Business, Economics, and Accounting

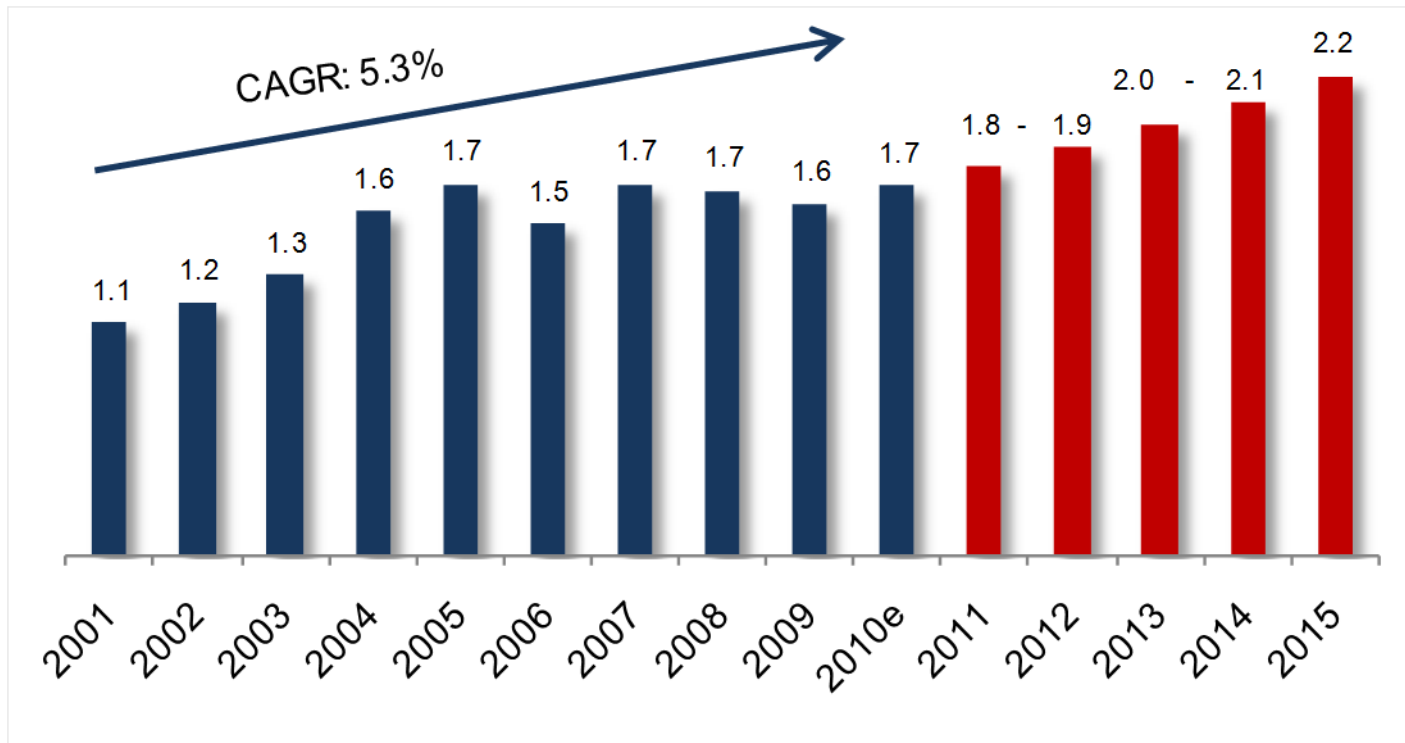


Source: CINDE based on data from CONARE & Universities' Registry Departments

e: Estimate

University graduates in Software and Informatics

IT Graduates
(thousands)



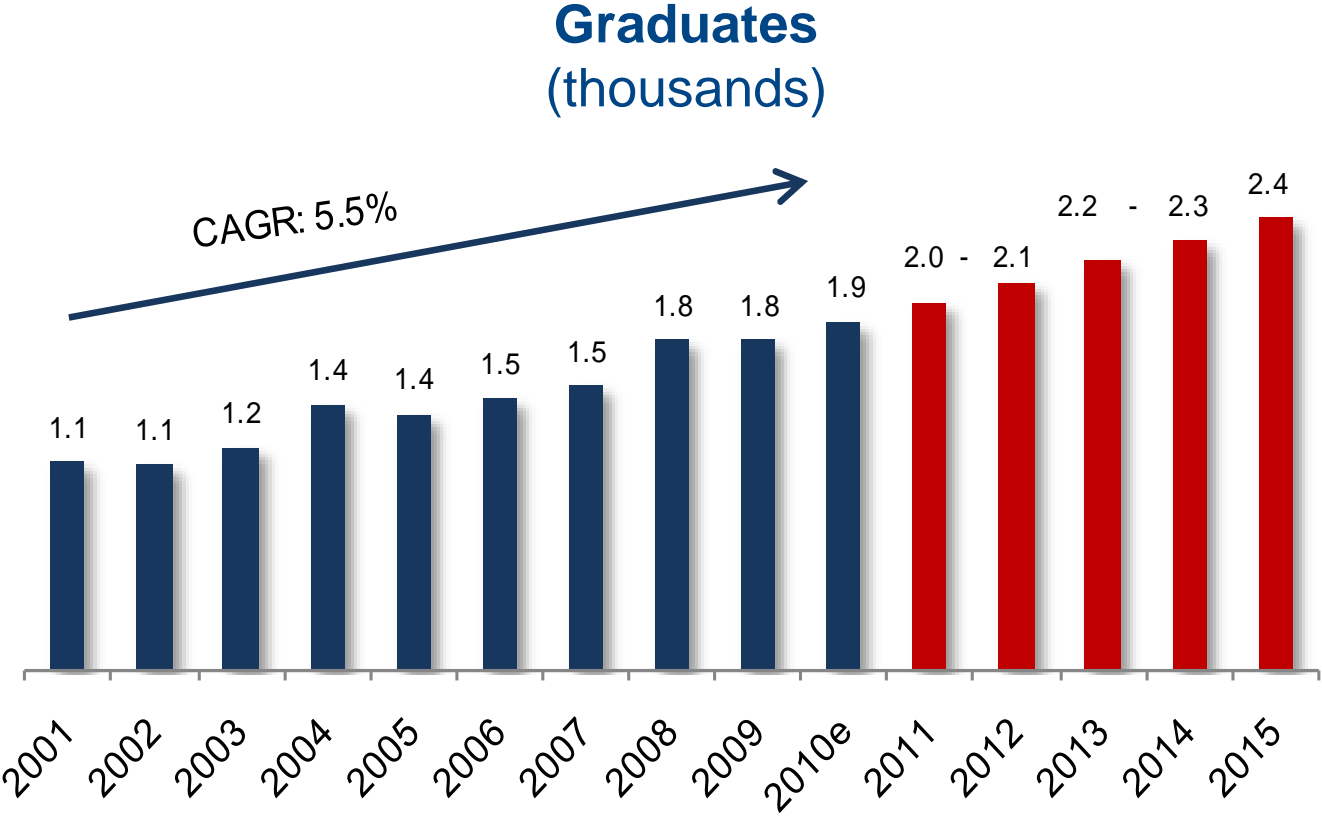
Some career programs such as:

- Applied Mathematics
- Computer Informatics
- Software Engineering

Source: CINDE based on data from CONARE & Universities' Registry Departments

e: Estimate

University graduates in Civil, Mechanical, Industrial, Electric, Electronic, Chemical, and Agricultural Engineering

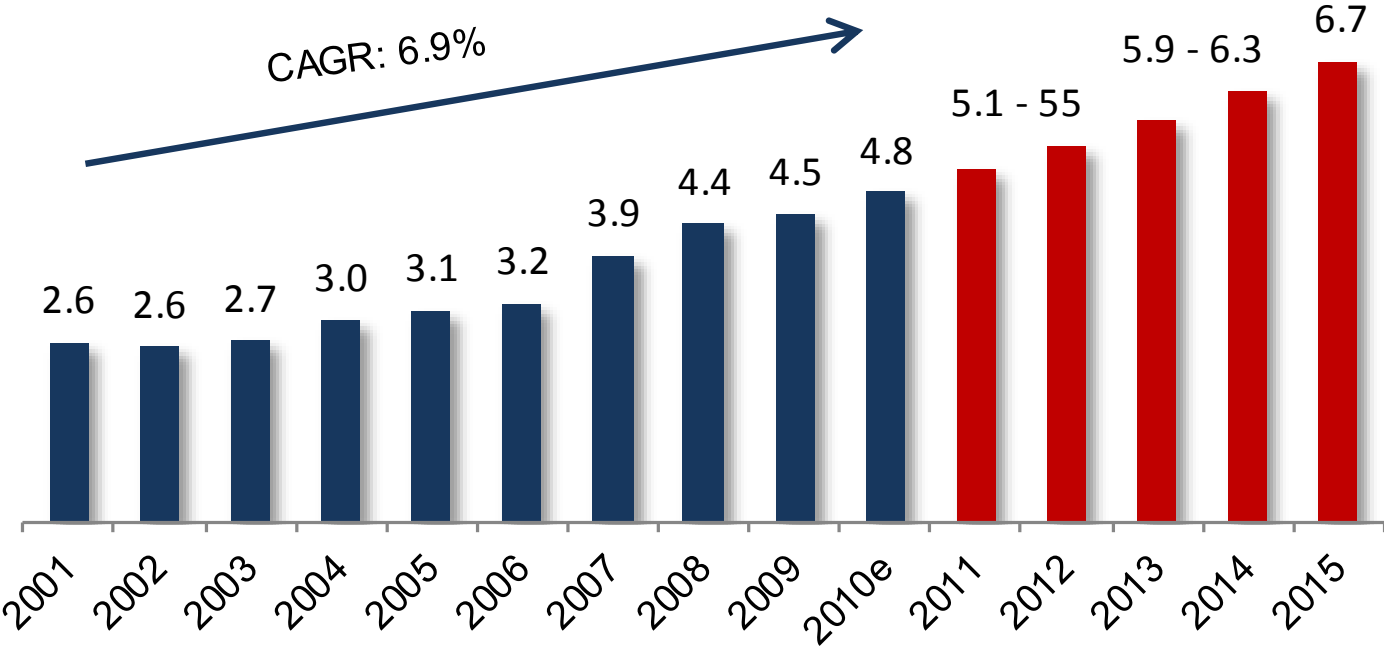


Source: CINDE based on data from CONARE & Universities' Registry Departments

e: Estimate

University Graduates in life sciences

Costa Rica: Total diplomas granted in Human Health and Bio Sciences careers (thousands)



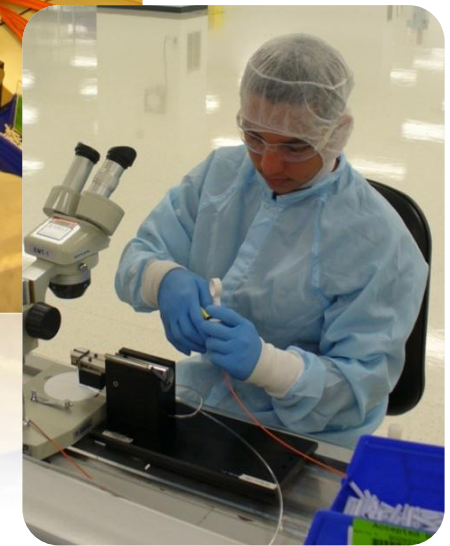
Graduates have been growing since 2001 at a rate of 6.9%

Source: CINDE based on data from CONARE and Universities Registry Departments

e: Estimate

Our labour force is able to work under the highest quality standards

- Highly skilled labor force
- Quality standards:
 - ISO's: 13485, 9001:2003, 14000
 - GMP's (Lean, Six Sigma, JIT, 5s)
- Experience working in a clean room environment (class 100/10.000/100.000)
- Capable of handling FDA approved Class III devices
- Friendly and stable workforce
- Multilingual people



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