

# Information & Computer Technology

Information and Computer Technology (IT) is one of six industry clusters identified in 2004 by Gov. Rick Perry as part of his long-term, strategic job creation plan. The IT cluster was selected because of its powerful potential for future economic growth, and because it is an important contributor to the other five clusters.

The IT cluster encompasses many industry segments, including computers, software, telecommunications, and IT services. Major IT employers in Texas include Dell, Alcatel U.S.A., Texas Instruments, Nokia, Fujitsu Network Communications, Freescale Semiconductor and Ericsson Inc.

TechAmerica's (formerly AeA) *Cyberstates 2010* report indicates that in 2008 the average high-tech industry wage in the Lone Star State paid 82 percent more than the average private sector wage. Texas ranks second nationwide in the number of high-tech workers, the size of high-tech payroll, number of high-tech businesses and high-tech employment growth.

Nearly all daily business functions, such as the use of electrical power, air travel and banking, depend on secure cyber systems to operate. In 2002, the University of Texas at San Antonio (UTSA) was the first university in Texas designated as a National Security Agency Center for Infrastructure Assurance and Security by the federal government. For more than eight years, UTSA has worked to build a multidimensional program to meet and overcome attacks against the United States' critical cyber infrastructure.

- To date, the Emerging Technology Fund (ETF) has invested almost \$19 Million (M) into 18 software/IT/electronics companies and \$2.77M into four telecommunications companies.
- To date, the Texas Enterprise Fund (TEF) has awarded \$140.45M to nine IT-related projects.
- In June 2010, Samsung Austin Semiconductor announced a \$3.6 billion investment for the expansion of its fabrication plant bringing Samsung's total investment in Texas to over \$9 billion.
- In August 2007, Gov. Perry announced a \$22M TEF grant to San Antonio-based Rackspace Managed Hosting to assist the company's expansion efforts. The investment should generate more than \$100M in capital investment and create approximately 4,000 new jobs.

In June 2007, UTSA received a \$3.75M ETF award to recruit Dr. Ravi Sandhu, a nationally recognized leader in cyber security. Dr. Sandhu serves as the founding Executive Director and Chair of the UTSA Institute for Cyber Security Research. He also holds the Lutchter Brown Endowed Chair in Cyber Security at UTSA.



## Texas Computer Industry Facts

Firms	1,156
Establishments	1,338
Employment	98,524
Average Weekly Wage	\$1,656
Value Added Per Employee	\$284,590
Value of Shipments	\$47.2 billion
Total Capital Investments	\$3.6 billion

Sources: Texas Workforce Commission - 2009Q3 Employment & Wages, Annual Survey of Manufactures, 2008

## Texas Exports

- In 2009, Texas computer and electrical equipment exports were valued at \$32 billion.
- In 2009, computer and electrical equipment was Texas' largest exporting category.

Source: WISERTrade, 2009 (NAICS 334)

## Top Export Markets

Mexico	\$14,563,970,125
Canada	\$2,941,650,280
Republic of Korea	\$1,592,942,813
China (Mainland)	\$1,495,827,590
Netherlands	\$1,331,956,797

Source: WISERTrade, 2009 (NAICS 334)

## How Texas Ranks

All Employees	2
Production Workers	2
Value Added	2
Value of Shipments	2
Total Capital Investments	2

Source: Annual Survey of Manufactures, 2008

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