IT Cluster Update
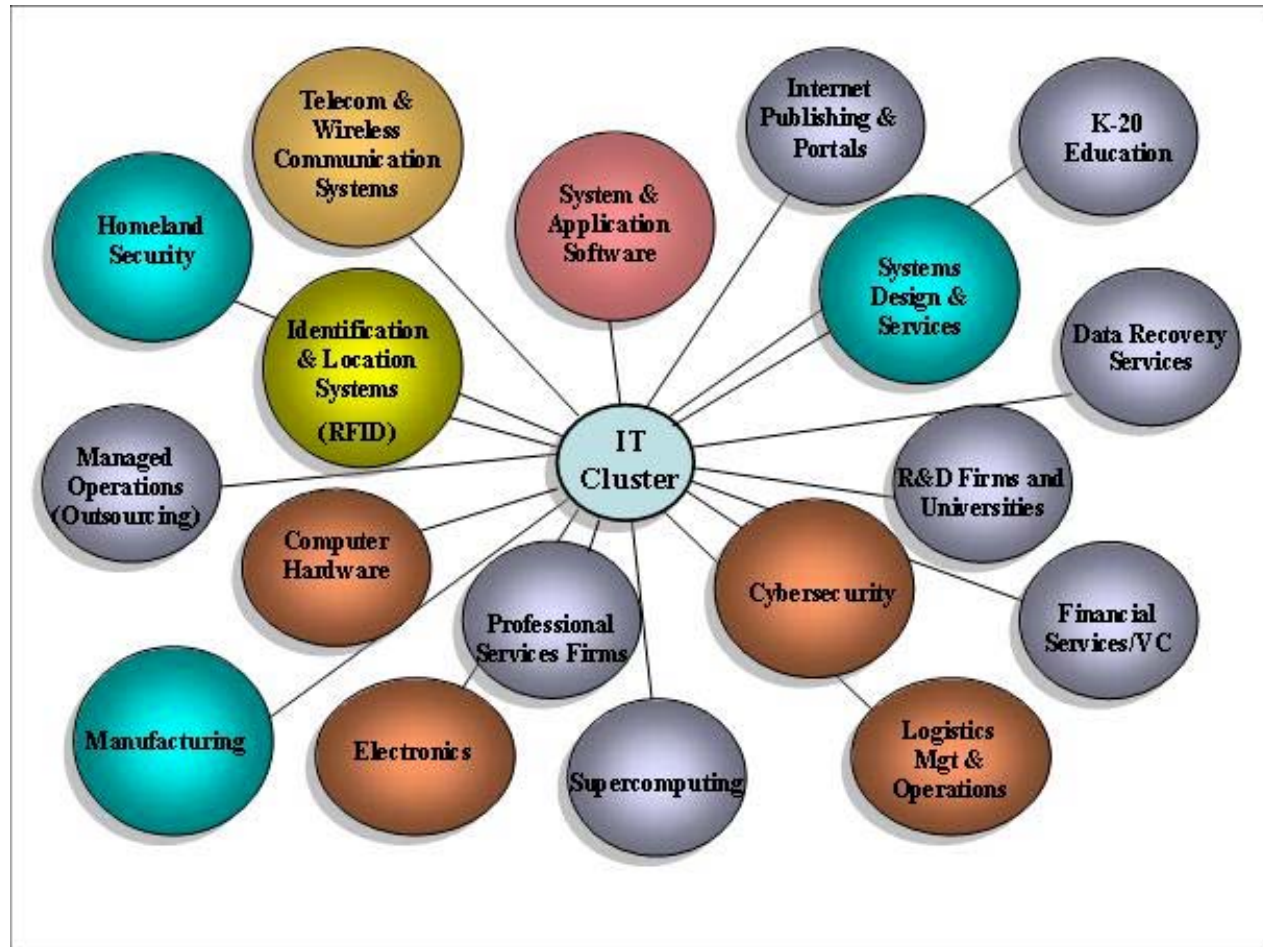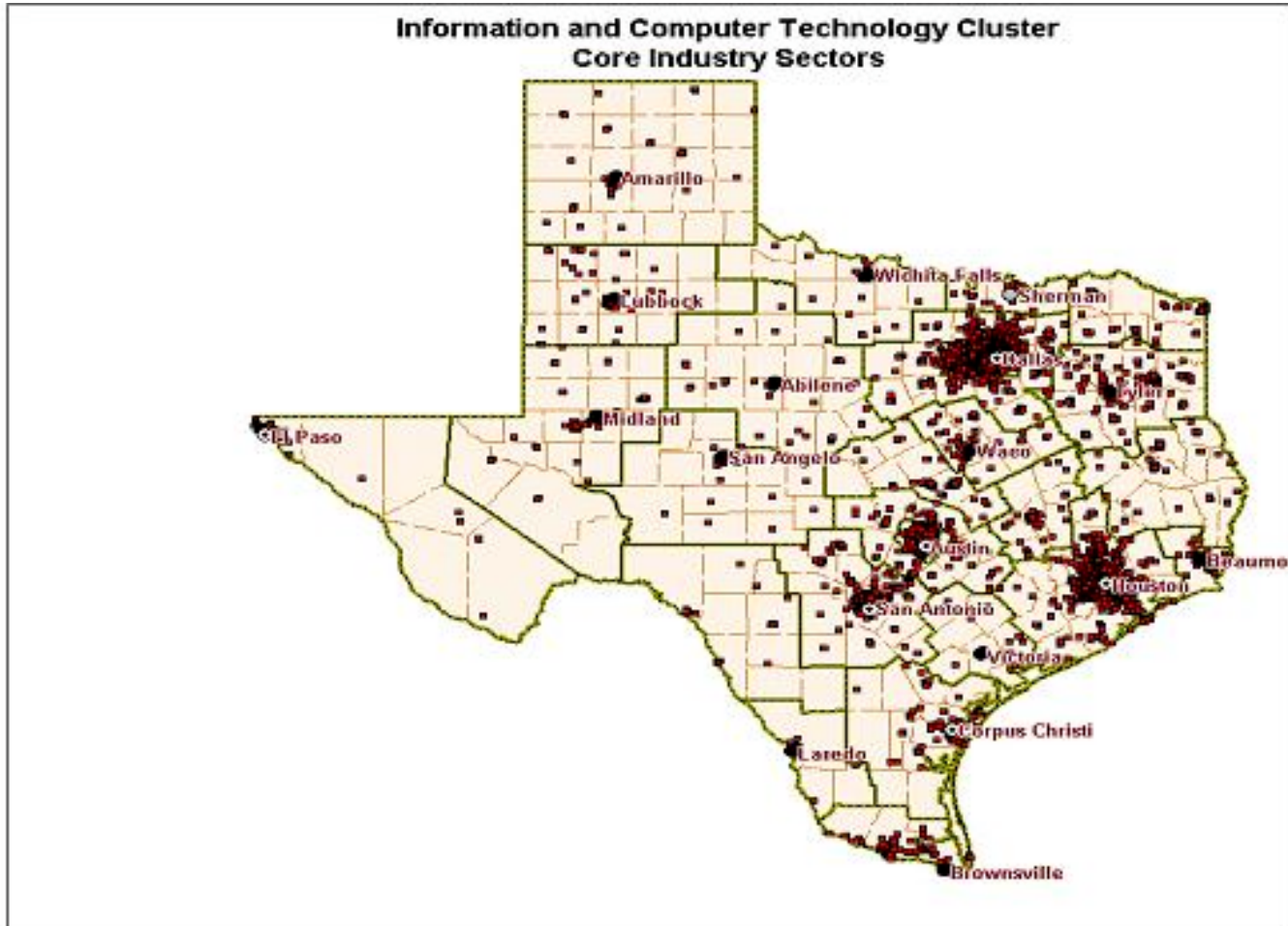
Lonnie Martin
Dec 14, 2005

IT A Broad, Dynamic Sector... Computers+Software+Telecom
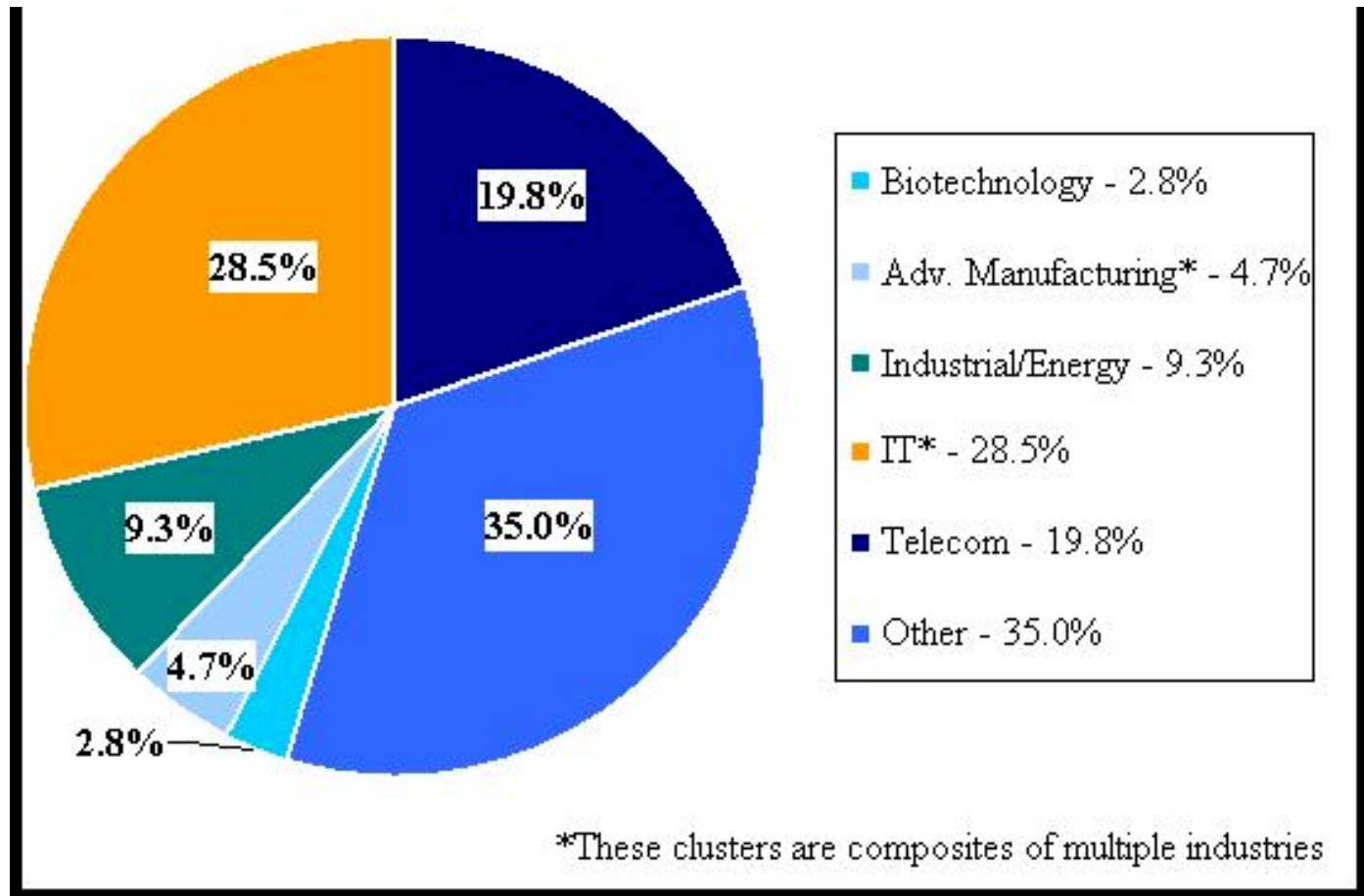
IT Employers w/ >5 Workers

Information and Computer Technology Cluster
Core Industry Sectors

IT Consumed 55% Of Texas VC (1995-2004)

IT Represents Key Source Of Texas Innovation/Patents

IT/Telecommunications Patents in Texas by Region, 1990 - 2003[1]				
Region	**Total Patents in Region**	**Number of IT/Telecom Patents in Region**	**IT/Telecom Patents in Region as % of Total Patents in Region**	**IT/Telecom Patents in Region as % of IT/Telecom Patents in Texas**
Austin	17,018	8,083	47.5%	45.91%
Amarillo	237	14	5.9%	0.08%
Beaumont-Port Arthur	624	5	0.8%	0.03%
College Station	707	35	5.0%	0.20%
Dallas-Fort Worth	25,883	6,645	25.7%	37.74%
El Paso	456	31	6.8%	0.18%
Houston-Galveston	22,213	2,207	9.9%	12.53%
Lubbock	423	24	5.7%	0.14%
Midland-Odessa	404	4	1.0%	0.02%
San Antonio	2,822	245	8.7%	1.39%
South Texas	762	7	0.9%	0.04%
Tyler	258	5	1.9%	0.03%
Other Regions	1,393	303	21.8%	1.72%
Total	**73,200**	**17,608**	**24.1%**	**100%**

[1] 1790 Analytics, LLC

IT A Key Contributor To Other 5 Clusters

- IT often an enabler or productivity improver for:
    - Advanced Manufacturing
    - Aerospace
    - Energy
    - Biotech
    - Petrochemical

Key Conclusions

- Change "passive" approach to "active"
- Make permanent state-sponsored quest
- Improve university commercialization
- Assess/address workforce needs
- Promote/communicate
- "Make" broadband infrastructure happen