

IMPROVE EDUCATION
 PROTECT THE ENVIRONMENT
 ADDRESS INFRASTRUCTURE CHALLENGES
 ADOPT SUSTAINABLE ECONOMIC STRATEGIES
 MEET HUMAN NEEDS & PRESERVE LOCAL CULTURE

FOCUS OUR
 MAUI ISLANDS
 NUI OUR FUTURE

Own it!

TECHNOLOGY SECTOR



IN ORDER TO UNDERSTAND HOW INNOVATION CONTRIBUTES TO THE ECONOMY

we must distinguish what comprises the technology sector, identify the specific industries that are most likely to contribute to growth in Hawaii, examine Maui and the other counties' participation in this growth, and recognize linkages with other parts of the local economy.

Hawaii's 10 technology market segments are:

- Agricultural Biotechnologies*
- Astronomy*
- Biotechnology/Life Sciences*
- Defense/Aerospace*
- Renewable Energy*
- Environmental*
- Digital Media*
- Information and Communications Technology*
- Ocean Sciences*
- Engineering/Professional Services*

Maui's largest technology market segments are:

- Information and Communications Technology*
- Defense/Aerospace*
- Engineering/Professional Services*
- Environmental*
- Agricultural Biotechnologies*

A primary consequence of a strong and growing technology sector is the creation of new jobs and the accompanying requirement of a sufficient and qualified workforce. In 2007, workers in public and private technology sectors earned an average of \$68,935 — 50 percent higher than the statewide average for all sectors. Market areas with growth potential in Maui County include agricultural biotech and renewable energy — most notably, wind farms, geothermal, biofuel, solar, and wave. Hawaii's relatively small science and technology

base has the potential to become a significant player in driving the state's economic future. Based on current projections for the next decade, Hawaii companies (in all industries) must find 16,500 more workers that have knowledge, skills, and abilities in science, technology, engineering, and math. To be successful in obtaining jobs in these growing occupations, about 77 percent of these workers will need some kind of post-secondary education and another 17 percent will require at least a year of experience and on-the-job training. As a result, anticipating the supply of new workers coming from the state's educational system becomes critical.

Except for the City and County of Honolulu, Maui County has the most private-sector technology-related jobs in Hawaii.

~ INNOVATION AND TECHNOLOGY IN HAWAII:
 An Economic and Workforce Profile

Do you have a technology sector job? If so, what?
 RECORD YOUR COMMENT AT 808.270.6801 or POST ON THE FOCUS MAUI NUI FACEBOOK PAGE MAHALO!

