

Digest of Green Reports and Studies

Title	<i>Hawaii's Green Workforce: A Baseline Assessment</i>
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Publication Type	Research report
Publication Date	December 20, 2010
# of Pages	70 pp.
URL	http://dlir.state.hi.us/labor/lmi/pdf/Green_Jobs_Report_FINAL.pdf
Summary	According to the report, "it provides a comprehensive framework for assessing green jobs in the private sector of the State of Hawaii."
Key Findings	<p>Key findings in the report include:</p> <ul style="list-style-type: none"> • "Green jobs in the private sector of Hawaii are estimated at 11,145, which accounts for 2.4 percent of total private employment." • "Current green job vacancies are estimated at 670, which represent 1.5 percent of Hawaii's total unemployment." • "Businesses anticipate green employment to grow faster than the overall labor market in Hawaii." • "Community colleges and trade schools fulfill 62 percent of the education and training requirements for reported green jobs." • "Businesses report an average of 3.5 green practices per worksite, with the largest numbers found in Maui and Kauai counties." <p>Additional findings may be found throughout the report.</p>
Recommendations	<p>According to the report:</p> <ul style="list-style-type: none"> • "Policy makers and community leaders must cultivate an educated and skilled workforce capable of meeting the needs of a clean-energy economy." • "Educators and training providers must provide timely and relevant curricula." • "Policy makers will need to provide support in the form of funding and a strategic plan that can deliver on its ambitious HCEI goals." • "Business leaders should continue to actively incorporate greener practices and processes into their production platforms." • "Workers or those seeking employment will need to update existing skills and competencies to maintain their competitiveness." <p>Additional recommendations may be found throughout the report.</p>
Definition of "Green"	<ul style="list-style-type: none"> • "We define five core areas as green using the mnemonic "GREEN". We consider a green job to be one that engages in economic activity that makes a positive impact on the environment or energy sustainability, either on a full- or part-time basis." <ul style="list-style-type: none"> Generate clean, renewable, sustainable energy Reduce pollution and waste; conserve natural resources; recycle Energy efficiency Educational, training and support of a green workforce Natural, environmental-friendly production • In addition, "Green jobs are defined as those that engage in at least one of five core green areas: (1) Generate clean, renewable, sustainable energy; (2) Reduce pollution and waste, conserve natural resources, recycle; (3) Energy efficiency; (4) Education, training and support of a green workforce; and (5) Natural, environmentally-friendly production."
Methodology	Stratified random sample of all Hawaii businesses, a 44% overall response rate
Data Sources Cited	<ul style="list-style-type: none"> • Quarterly Census of Employment and Wages (QCEW) • Occupational Employment Statistics (OES) • Hawaii Green Jobs Survey <p>Additional sources are found throughout the report.</p>
Report Geography	State of Hawaii
Green Occupations Cited	<ul style="list-style-type: none"> • Chemists • Civil Engineers • Electricians • Forest & Conservation Technicians • Heating & Air Conditioning Mechanics & Installers • Recycling and Reclamation Workers • Solar and Insulation Technicians • Solar Photovoltaic Installers

	<ul style="list-style-type: none"> • Sustainability Specialist <p>Additional green occupations are cited throughout the report.</p>
Green Industries Cited	<ul style="list-style-type: none"> • Agriculture • Construction • Professional, Scientific and Technical Services • Utilities • Waste Management & Remediation Services <p>Additional green industries are cited throughout the report.</p>
Keywords	Energy-Saving Light Bulbs; Green; Green Certification; Green Practice; Hawaii; Jobs; Labor Market; Leadership in Energy and Environmental Design (LEED); Recycling; Solar; Wind Energy.
Legislation Cited	Hawaii Clean Energy Initiative (June 2009)
Bibliography (Y/N)	Y
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