

## Digest of Green Reports and Studies

<b>Title</b>	<b><i>California's Green Economy – Summary of Survey Results</i></b>
<b>Author</b>	Labor Market Information Division (LMID)
<b>Organization</b>	State of California, Employment Development Department
<b>Author Contact</b>	None
<b>Publication Type</b>	Report – Results from Original Survey
<b>Publication Date</b>	October 2010
<b># of Pages</b>	37 pp.
<b>URL</b>	<a href="http://www.labormarketinfo.edd.ca.gov/contentpub/GrSurveyRpt_1115.pdf">http://www.labormarketinfo.edd.ca.gov/contentpub/GrSurveyRpt_1115.pdf</a>
<b>Summary</b>	<p>The report summarizes a survey conducted by LMID with a stratified random sample of more than 51,100 private and public sector employers in all segments of California's economy to estimate the number of green jobs and green business practices.</p> <p>According to the report, "the survey objectives were to:</p> <ul style="list-style-type: none"> <li>• Obtain an estimate of the current number of green jobs in California.</li> <li>• Identify the current and changing business practices that are helping California to achieve a cleaner, more sustainable environment — in terms of both producers and users of green or sustainable technology/energy.</li> <li>• Identify the occupations that are emerging in our movement toward a cleaner, more sustainable economy.</li> <li>• Identify resources and strategies to assist businesses in cutting costs by reducing energy usage and greenhouse gas emissions."</li> </ul>
<b>Key Findings</b>	<p>The survey results indicate:</p> <ul style="list-style-type: none"> <li>• 7.9 percent of California businesses employ workers to produce green products or supply green services.</li> <li>• 3.4 percent of California's total wage and salary employment for the survey period were involved in the production of green goods and services, with almost 433,000 workers performing green work at least part time.</li> <li>• More than 263,000 individuals spend 50 percent or more of their working hours in green activities.</li> <li>• California's most heavily populated regions had the largest number of green jobs but the highest concentrations were found in some of the least populated regions.</li> <li>• The manufacturing sector reported the largest number of workers performing green activities, while utilities reported the highest percentage of workers performing green activities.</li> </ul> <p>While the survey results "provide California with baseline data on important segments of the state's green economy," they also show that "green jobs currently represent a small share of California's economy."</p>
<b>Recommendations</b>	<p>"In order for these baseline data to have meaning, the survey will need to be repeated periodically to track changes in the green economy."</p> <p>This report recommends future studies based on this survey data to look into topics such as:</p> <ul style="list-style-type: none"> <li>• Regional Differences</li> <li>• Green Industry Details</li> <li>• Occupational Characteristics</li> </ul>
<b>Definition of "Green"</b>	<p>Generating and storing renewable energy          Recycling existing materials          Energy efficient product manufacturing, distribution, construction, installation, and maintenance          Education, compliance, and awareness          Natural and sustainable product manufacturing</p> <p>Expanded definition of the Green Economy components may be found on page 11.</p>
<b>Methodology</b>	Survey.
<b>Data Sources Cited</b>	<ul style="list-style-type: none"> <li>• The Quarterly Census of Employment and Wages (QCEW) database  <a href="http://www.labormarketinfo.edd.ca.gov">www.labormarketinfo.edd.ca.gov</a></li> </ul> <p>Additional sources are cited thoroughly the report.</p>

<b>Report Geography</b>	California
<b>Green Occupations Cited</b>	<ul style="list-style-type: none"> <li>• Air Quality Engineers; Air Pollution Specialists; Air Resources Engineers</li> <li>• Alternative Energy Engineers</li> <li>• Alternative Fuel Vehicle Technicians</li> <li>• Architects, Except Landscape</li> <li>• Assemblers</li> <li>• Battery Engineers; Energy Storage Project Engineers</li> <li>• Biological Technicians (involved in green activities)</li> <li>• Biomass Collectors</li> <li>• Building Performance or Retro-Fitting Specialists</li> <li>• Carpenters (involved in green activities)</li> <li>• Chemical Technicians</li> <li>• Civil Engineers</li> <li>• Construction Managers</li> <li>• Electrical Engineers</li> <li>• Electricians (involved in green activities)</li> <li>• Energy Auditors, Home and Commercial</li> <li>• Energy Regulation Specialists</li> <li>• Environmental Engineers</li> <li>• Farmers and Farm Workers, Sustainable</li> <li>• Hazardous Materials Removal Workers</li> <li>• Heating and Air Conditioning Technicians and Installers (involved in green activities)</li> <li>• Industrial Production Managers</li> <li>• Insulation Workers, Floor, Ceiling, and Wall (Weatherization Workers)</li> <li>• Mechanical Engineers (involved in green activities)</li> <li>• Plumbers, Pipefitters, and Steamfitters (involved in green activities)</li> <li>• Recycling Center Operators</li> <li>• Remediation Technology Engineers</li> <li>• Soil and Plant Scientists</li> <li>• Solar Photovoltaic Panel Installers and Technicians</li> <li>• Solar Thermal Installers and Technicians</li> <li>• Sustainability Planners</li> <li>• Sustainability Program Coordinators/Managers</li> <li>• Wastewater Technicians and Operators</li> <li>• Wind Turbine Technicians</li> </ul>
<b>Green Industries Cited</b>	N/A
<b>Keywords</b>	Green Economy; Green Employment; Green Business Practices; Green Occupations; Green Jobs; Renewable Energy; Recycling; Energy Efficient; Natural; Sustainable Environment; Sustainability
<b>Legislation Cited</b>	Federal Workforce Investment Act (Section 309) of 1998
<b>Bibliography (Y/N)</b>	N
<b>Reviewer Name/Org</b>	J. C. Lee / Labor Market Information Division, California

*NOTE: This Digest is provided for information purposes only. Employment Development Department does not necessarily endorse any of these reports or publications.*