

Digest of Green Reports and Studies

Title	2008 Washington State Green Economy Jobs
Author	Prepared by: Hardcastle, Alan, Ph.D., Senior Research Associate
Organization	Employment Security Department, Labor Market and Economic Analysis
Author Contact	None
Publication Type	Report-Results from Original Survey
Publication Date	January 2009
# of Pages	55pp
URL	http://www.workforceexplorer.com/admin/uploadedPublications/9463_Green_Jobs_Report_2008_WEXVersion.pdf
Summary	<p>The report summarizes a study that was requested by the Washington State Legislature. The study presents the “findings of a survey of private-sector employers in Washington State.” The survey’s goal was to discover the amount and type of green jobs in the State’s economy, which would also make it easier to “track industry and job growth in Washington’s green economy.”</p> <p>The survey focused on four green sectors:</p> <ul style="list-style-type: none"> • Energy efficiency • Preventing or reducing pollution • Mitigation and cleanup of pollution • Renewable energy.
Key Findings	<ul style="list-style-type: none"> • There is “an estimated total employment of 47,194 in four green core areas among private-sector employers.” • Green jobs make up approximately 1.6 percent of Washington state private-sector jobs. • Green jobs are most concentrated in the construction and agriculture-related industries. • Green job employment is more prominent in urban areas than in rural areas. • Projected growth rates of green jobs are uneven between industries.
Recommendations	<p>The report had 5 recommendations for future research:</p> <ul style="list-style-type: none"> • “Repeat the green jobs survey every two or three years to measure changes in industry composition, employment and progress against state economic development goals.” • “Implement a green employment study of public-sector organizations to provide a comprehensive estimate of green jobs across the state.” • “Conduct targeted analyses of green industries and occupations to identify key growth factors, employment projections, and to define the education and skill standards required of current and emerging green sector occupations.” • “Expand analyses of green industries and occupations to address anticipated future labor shortages.” • “Conduct an economic analysis to estimate the total impact of green industry growth and employment on the Washington economy.”
Definition of “Green”	<p>“Green jobs promote environmental protection and security.”</p> <p>“The green economy is rooted in the development and use of products and services that promote environmental protection and energy security. It is composed of industries and businesses engaged in: energy efficiency, preventing and reducing pollution, renewable energy, and mitigating or cleaning up pollution.”</p>
Methodology	Survey (9,500 state employers responding), literature research.
Data Sources Cited	Bureau of Labor Statistics (BLS), Washington State Green Jobs Survey, 2008 Spring Job Vacancy Survey, Employment Security Department, Labor Market and Economics Analysis (LMEA).
Report Geography	Washington State.
Green Occupations Cited	<ul style="list-style-type: none"> • civil engineers • electricians • construction laborers and managers • carpenters • appliance installers • civil engineers • plumbers • pipefitters • steamfitters • architects • mechanical engineers • glaziers

	<ul style="list-style-type: none"> • roofers • refuse and recycle material collectors • truck drivers, insulation workers • electrical engineers • hazardous materials removal workers, • environmental scientists and specialists • sheet metal workers • laborers and freight movers • loan officers • drywall and ceiling tile installers
Green Industries Cited	<ul style="list-style-type: none"> • agriculture • engineering • utilities • construction • manufacturing • wholesale trade • retail trade • finance and insurance • real estate • professional services • waste management and remediation services
Keywords	Energy efficiency; renewable energy.
Legislation Cited	Engrossed Second Substitute House Bill 2815 (E2SHB 2815).
Bibliography (Y/N)	Y
Reviewer Name/Org	D. Costello / 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.