

Digest of Green Reports and Studies

Title	<i>Missouri Green Jobs Report</i>
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URL	http://www.missourieconomy.org/occupations/green_report.stm
Summary	This report constitutes Missouri's first survey of green-identified industry sectors and quantifies the number of green jobs in the state. In addition, the report focuses on the number and characteristics of green occupations in Missouri including the in-demand skill sets required for maintaining a just-in-time talent pipeline for green industry sectors.
Key Findings	Missouri boasts 131,103 total green jobs (both primary and support Positions) among employers. There are 28,720 primary green jobs and 102,383 green supporting jobs.
Recommendations	Given where we are today and in light of mounting trends, embracing our "greenness" offers tremendous opportunities, not just to protect our planet, but to promote the economic prosperity of the state of Missouri and to secure the high-quality standard of living we desire for this and future generations of Missourians.
Definition of "Green"	Missouri defines green jobs as those directly involved in generating or supporting a firm's green-related products or services. Green Industries – An industry sector that is likely to contain firms that produce parts, components, products, or services related to the green economy. Industries and firms were classified as green-related based on their primary product or service; not based on whether they were taking internal steps to use less energy or be more environmentally responsible.
Methodology	The 2009 Missouri Green Job Survey was based on a sampling frame of employers from the Quarterly Census of Employment and Wages (QCEW) database. This database contains Missouri companies liable under the Unemployment Insurance Compensation system. The sampling frame was limited to establishments in 117 6-digit NAICS codes. The sample was divided into strata. This stratification was conducted by 10 Missouri regions, by 6 green industry sectors, and by 2 employment size classes. Firms within each stratum were selected through random sampling except establishments with 250+ employees. These were selected with certainty and had a selection probability of 1.0.
Data Sources Cited	Quarterly Census of Employment and Wages (QCEW) database
Report Geography	Missouri and 10 sub-state regions
Green Occupations Cited	11-1011 Chief Executives 867 11-1021 General and Operations Managers 316 11-2021 Marketing Managers 16 11-2022 Sales Managers 12 11-2031 Public Relations Managers 12 11-3011 Administrative Services Managers 78 11-3031 Financial Managers 11 11-3040 Human Resources Managers 6 11-3051 Industrial Production Managers 24 11-3061 Purchasing Managers 6 11-3071 Transportation, Storage, and Distribution Managers 6 11-9011 Farm, Ranch, and Other Agricultural Managers 212 11-9012 Farmers and Ranchers 97 11-9021 Construction Managers 975 11-9041 Engineering Managers 46 11-9121 Natural Sciences Managers 33 13-1022 Wholesale and Retail Buyers, Except Farm Products 6 13-1041 Compliance Officers 188 13-1051 Cost Estimators 91 13-1073 Training and Development Specialists 52 13-1111 Management Analysts 6 13-2011 Accountants and Auditors 86 13-2031 Budget Analysts 6 13-2072 Loan Officers 39

15-1032 Computer Software Engineers, Systems Software 6
15-2031 Operations Research Analysts 52
17-1011 Architects, Except Landscape and Naval 1,145
17-1012 Landscape Architects 155
17-2051 Civil Engineers 337
17-2061 Computer Hardware Engineers 26
17-2071 Electrical Engineers 93
17-2072 Electronics Engineers, Except Computer 6
17-2081 Environmental Engineers 360
17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors 6
17-2131 Materials Engineers 47
17-2141 Mechanical Engineers 95
17-3011 Architectural and Civil Drafters 164
17-3012 Electrical and Electronics Drafters 6
17-3019 Drafters, All Other 11
17-3022 Civil Engineering Technicians 47
17-3023 Electrical and Electronic Engineering Technicians 65
17-3025 Environmental Engineering Technicians 238
19-1012 Food Scientists and Technologists 45
19-1020 Soil and Plant Scientists 206
19-1021 Biochemists and Biophysicists 6
19-1031 Conservation Scientists 42
19-1032 Foresters 5
19-2031 Chemists 12
19-2041 Environmental Scientists and Specialists, Including Health 594
19-2042 Geoscientists, Except Hydrologists and Geographers 12
19-3011 Economists 9
19-3021 Market Research Analysts 38
19-3051 Urban and Regional Planners 31
19-4031 Chemical Technicians 1,265
19-4061 Social Science Research Assistants 23
19-4091 Environmental Science and Protection Technicians, Including Health 276
23-1011 Lawyers 5
25-9031 Instructional Coordinators 6
27-1021 Commercial and Industrial Designers 6
27-1025 Interior Designers 500
27-3031 Public Relations Specialists 70
27-3042 Technical Writers 78
29-2011 Medical and Clinical Laboratory Technologists 18
29-2051 Dietetic Technicians 5
37-1012 First-Line Supervisors of Landscaping, and Groundskeeping Workers 11
37-2021 Pest Control Workers 5
37-3011 Landscaping and Groundskeeping Workers 45
41-1012 First-Line Supervisors of Non-Retail Sales Workers 11
41-2031 Retail Salespersons 28
41-4011 Sales Representatives, Technical and Scientific Products 215
41-4012 Sales Representatives, Wholesale and Manufacturing 32
41-9031 Sales Engineers 13
43-3021 Billing and Posting Clerks and Machine Operators 6
43-3031 Bookkeeping, Accounting, and Auditing Clerks 62
43-4051 Customer Service Representatives 50
43-4071 File Clerks 6
43-4151 Order Clerks 6
43-5061 Production, Planning, and Expediting Clerks 24
43-5071 Shipping, Receiving, and Traffic Clerks 53
43-5081 Stock Clerks and Order Fillers 12
43-6011 Executive Secretaries and Administrative Assistants 96
43-6014 Secretaries, Except Legal, Medical, and Executive 25
43-9021 Data Entry Keyers 6
43-9022 Word Processors and Typists 17
43-9061 Office Clerks, General 30
45-1011 First-Line Supervisors of Farming, Fishing, and Forestry Workers 6
45-2091 Agricultural Equipment Operators 97
45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse 740
45-2093 Farmworkers, Farm and Ranch Animals 219

45-4011 Forest and Conservation Workers 64
 47-1011 First-Line Supervisors of Construction Trades and Extraction Workers 305
 47-2021 Brickmasons and Blockmasons 266
 47-2031 Carpenters 528
 47-2061 Construction Laborers 736
 47-2073 Operating Engineers and Other Construction Equipment Operators 538
 47-2081 Drywall and Ceiling Tile Installers 435
 47-2111 Electricians 311
 47-2121 Glaziers 84
 47-2131 Insulation Workers, Floor, Ceiling, and Wall 65
 47-2141 Painters, Construction and Maintenance 64
 47-2151 Pipelayers 197
 47-2152 Plumbers, Pipefitters, and Steamfitters 1,263
 47-2161 Plasterers and Stucco Masons 136
 47-2181 Roofers 188
 47-2211 Sheet Metal Workers 35
 47-2231 Structural Iron and Steel Workers 65
 47-3012 Helpers--Carpenters 45
 47-3013 Helpers--Electricians 26
 47-3014 Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons 6
 47-3015 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters 52
 47-4011 Construction and Building Inspectors 6
 47-4041 Hazardous Materials Removal Workers 70
 47-4051 Highway Maintenance Workers 24
 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 18
 47-4099 Construction and Related Workers, All Other 12
 47-5021 Earth Drillers, Except Oil and Gas 173
 47-5081 Helpers--Extraction Workers 26
 49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers 38
 49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment 45
 49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment 6
 49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay 395
 49-2098 Security and Fire Alarm Systems Installers 6
 49-3022 Automotive Glass Installers and Repairers 6
 49-3023 Automotive Service Technicians and Mechanics 46
 49-3031 Bus and Truck Mechanics and Diesel Engine Specialists 6
 49-9011 Mechanical Door Repairers 19
 49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers 1,226
 49-9041 Industrial Machinery Mechanics 30
 49-9042 Maintenance and Repair Workers, General 76
 49-9043 Maintenance Workers, Machinery 6
 49-9051 Electrical Power-Line Installers and Repairers 6
 49-9098 Helpers--Installation, Maintenance, and Repair Workers 38
 49-9099 Installation, Maintenance, and Repair Workers, All Other 6
 51-1011 First-Line Supervisors of Production and Operating Workers 53
 51-2022 Electrical and Electronic Equipment Assemblers 79
 51-2031 Engine and Other Machine Assemblers 105
 51-2041 Structural Metal Fabricators and Fitters 18
 51-2092 Team Assemblers 476
 51-4121 Welders, Cutters, Solderers, and Brazers 86
 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 6
 51-7021 Furniture Finishers 34
 51-7031 Model Makers, Wood 5
 51-8031 Water and Liquid Waste Treatment Plant and System Operators 178
 51-9041 Extruding, Forming, and Compacting Machine Setters, Operators, and Tenders 13
 51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers 318
 51-9111 Packaging and Filling Machine Operators and Tenders 18
 51-9122 Painters, Transportation Equipment 23
 51-9197 Tire Builders 175
 51-9198 Helpers--Production Workers 18
 51-9199 Production Workers, All Other 39
 53-1031 First-Line Supervisors of Transportation and Material-Moving Machine Operators 64
 53-3032 Truck Drivers, Heavy and Tractor-Trailer 39
 53-3033 Truck Drivers, Light or Delivery Services 209
 53-6041 Traffic Technicians 32

	53-6051 Transportation Inspectors 59 53-7021 Crane and Tower Operators 6 53-7032 Excavating and Loading Machine and Dragline Operators 39 53-7061 Cleaners of Vehicles and Equipment 361 53-7062 Laborers and Freight, Stock, and Material Movers, Hand 140 53-7081 Refuse and Recyclable Material Collectors 1,849
Green Industries Cited	Energy Production, Manufacturing, Public Administration, Building, Farming, Salvage/Remediation
Keywords	
Legislation Cited	
Bibliography (Y/N)	
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