

Summary of Economic Contributions of the Green Industry in the United States in 2013

Alan W. Hodges and Hayk Khachatryan, University of Florida
 Charles R. Hall and Marco A. Palma, Texas A&M University
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Table 1. Summary by industry group and sector

Industry group / sector	Direct employment fulltime and part-time jobs	Employment impacts	Direct industry output (sales)	Domestic and international exports	Total contributions				
					Industry output	Value added (GDP)	Labor income	Other property income	Business taxes
----- million dollars -----									
Production & manufacturing	152,614	291,853	25,900	14,624	45,615	24,834	16,203	7,694	939
Greenhouse, nursery, and floriculture production	134,471	240,809	16,766	9,104	31,252	20,358	13,709	5,938	713
Lawn and garden equipment manufacturing	18,143	51,043	9,135	5,520	14,363	4,476	2,494	1,756	225
Landscape design, construction & maintenance services	959,208	1,164,237	63,903	18,413	91,691	58,963	43,192	13,487	2,266
Landscape and horticultural services	914,847	1,105,526	58,284	17,356	84,169	54,697	38,903	13,637	2,141
Landscape architectural services	44,361	58,710	5,619	1,057	7,522	4,266	4,290	-150	125
Wholesale and retail distribution	487,840	579,546	46,634	7,226	58,760	36,910	23,079	7,726	6,090
Lawn and garden equipment and supplies stores	194,987	217,798	18,127	1,801	21,009	12,869	8,478	2,238	2,141
Florists	127,336	132,163	4,916	392	5,564	3,535	3,055	-91	570
Nursery and florist merchant wholesalers	46,693	84,242	10,872	2,908	15,951	10,328	5,767	2,908	1,653
Food and beverage stores, lawn and garden sales	39,859	42,938	2,674	252	3,114	2,022	1,381	348	292
Farm and garden equip. merchant wholesalers	23,344	39,396	5,244	1,272	7,336	4,669	2,602	1,339	726
General merchandise stores, lawn and garden sales	32,287	35,436	2,265	232	2,668	1,647	1,033	206	407
Non-store retailers, lawn and garden sales	22,749	26,860	2,495	358	3,062	1,807	738	773	297
Gasoline stores, lawn and garden sales	585	713	41	11	57	35	25	5	5
Total All Sectors	1,599,662	2,035,636	136,438	40,263	196,066	120,707	82,474	28,906	9,295

Values are given in millions dollars. Industry sectors were defined by the North American Industry Classification System (NAICS).

Industry output is equivalent to sales. Labor income represents employee compensation and benefits and business owner (proprietor) income. Value added is equivalent to Gross Domestic Product (GDP), and represents the sum of labor income, other property income (interest, rents, royalties, corporate profits) and business taxes. Business taxes includes taxes on property and retail sales, vehicle licenses, severance taxes, excise taxes, customs duties, and various other minor state and local taxes. Economic measures in columns are independent and should not be added together.

Total impact results include indirect and induced regional multiplier effects applied to domestic and international export sales for each sector. Regional economic models were constructed for each state using the *IMPLAN* software and 2013 state data, release 3 (Implan Group, LLC, July 2015).

Estimates for landscape architectural services, florists, nursery and florist wholesalers, and farm and garden equipment wholesalers were based upon the share of employment within parent industry sectors, according to the 2013 annual data from the Quarterly Census of Employment and Wages (U.S. Bureau of Labor Statistics).

Estimates for retail lawn and garden stores, food and beverage stores, gasoline stations, general merchandise stores and nonstore retailers were based on product line sales for lawn and garden goods as a share of total merchandise sales within the sector, from the 2012 and 2007 Economic Census (U.S. Census Bureau).

Table 2. Summary by region and state

Region/state	Direct industry output	Industry output impacts	Value added (GDP) impacts	Direct employment	Employment contribution by industry group			
					Production & manufacturing	Landscape services	Wholesale & retail distribution	Total
----- million dollars -----				----- fulltime and part-time jobs -----				
Appalachian	12,693	18,195	10,939	157,189	26,490	118,985	54,078	199,553
Kentucky	1,522	1,983	1,120	18,821	1,928	11,208	9,288	22,424
North Carolina	4,555	6,875	4,142	53,506	9,707	46,023	16,284	72,014
Tennessee	2,947	4,366	2,454	34,002	10,594	21,883	12,004	44,481
Virginia	3,218	4,371	2,847	43,819	3,680	35,672	13,016	52,368
West Virginia	451	600	376	7,042	582	4,198	3,485	8,265
Great Plains	3,432	4,785	2,791	35,885	3,960	19,026	23,449	46,435
Kansas	1,533	2,241	1,234	14,967	2,841	10,581	6,840	20,262
Nebraska	1,022	1,272	769	11,636	777	4,652	8,233	13,662
North Dakota	455	694	436	4,721	119	1,866	4,614	6,598
South Dakota	421	578	351	4,561	223	1,927	3,763	5,913
Midwest	27,624	38,697	22,780	306,320	51,560	196,609	139,579	387,748
Illinois	5,922	8,191	5,003	61,072	9,146	42,253	24,855	76,254
Indiana	2,542	3,524	2,113	31,798	2,082	21,144	16,035	39,260
Iowa	1,494	1,870	1,091	16,840	1,775	7,339	10,666	19,780
Michigan	3,962	5,771	3,680	48,773	9,013	33,679	20,497	63,189
Minnesota	2,714	3,630	2,066	26,857	6,763	13,284	13,390	33,437
Missouri	2,467	2,966	1,774	30,704	1,975	17,771	14,966	34,712
Ohio	5,140	7,659	4,430	58,978	9,243	43,484	24,936	77,664
Wisconsin	3,383	5,086	2,623	31,300	11,562	17,656	14,233	43,452
Mountain	7,918	11,539	7,160	102,517	9,257	87,065	34,257	130,579
Arizona	2,458	3,495	2,165	29,347	2,920	24,948	9,520	37,389
Colorado	2,407	3,678	2,322	30,434	3,569	27,726	8,619	39,915
Idaho	650	895	544	8,099	627	6,036	3,666	10,329
Montana	385	589	341	5,476	374	3,404	3,440	7,218
Nevada	864	1,273	805	13,013	200	12,996	2,889	16,084
Utah	940	1,317	806	12,777	1,494	9,521	4,665	15,680
Wyoming	215	292	177	3,370	74	2,432	1,458	3,963
Northeast	25,871	35,445	23,405	313,965	43,124	233,745	104,438	381,307
Connecticut	2,087	3,051	2,052	25,173	4,151	20,251	7,344	31,747
Delaware	381	570	369	4,968	220	4,418	1,729	6,368
Dist. of Columbia	78	87	60	961	0	410	600	1,009
Maine	584	938	578	8,253	818	7,660	2,778	11,256
Maryland	2,917	4,350	2,907	36,701	4,559	32,431	9,716	46,706
Massachusetts	2,961	4,166	2,819	36,406	2,568	31,890	10,028	44,487
New Hampshire	654	1,032	660	9,174	1,033	7,722	3,392	12,147
New Jersey	4,262	6,115	4,113	49,944	7,605	38,991	15,886	62,483
New York	6,156	6,944	4,620	68,567	5,202	39,931	28,542	73,676
Pennsylvania	5,026	6,991	4,455	63,323	16,101	40,993	20,475	77,569
Rhode Island	397	671	447	5,521	565	5,284	1,658	7,507
Vermont	367	530	325	4,975	301	3,763	2,289	6,353
Pacific	23,160	35,093	22,696	252,573	68,172	190,114	75,133	333,419
Alaska	150	169	111	2,199	198	1,259	874	2,330

Region/state	Direct industry output	Industry output impacts	Value added (GDP) impacts	Direct employment	Employment contribution by industry group			Total
					Production & manufacturing	Landscape services	Wholesale & retail distribution	
----- million dollars -----				----- fulltime and part-time jobs -----				
California	17,358	26,599	17,269	184,507	48,446	145,249	51,572	245,267
Hawaii	583	782	511	8,766	1,791	6,022	2,509	10,321
Oregon	2,324	3,475	2,173	24,632	12,992	13,294	7,693	33,980
Washington	2,745	4,068	2,632	32,469	4,745	24,290	12,486	41,520
Southcentral	14,974	19,694	12,027	180,280	29,823	113,521	71,028	214,372
Arkansas	1,607	2,279	1,016	13,337	4,940	6,632	6,514	18,086
Louisiana	1,449	1,731	1,072	18,340	1,604	9,765	9,244	20,613
New Mexico	491	570	348	6,385	600	3,572	2,829	7,000
Oklahoma	1,332	1,653	1,028	16,767	2,547	8,649	8,113	19,309
Texas	10,095	13,461	8,563	125,451	20,132	84,904	44,328	149,364
Southeast	20,767	32,617	18,910	250,932	59,466	205,172	77,586	342,224
Alabama	1,582	2,184	1,339	22,544	4,724	13,204	9,425	27,353
Florida	10,666	17,587	10,819	142,409	29,244	129,643	38,186	197,073
Georgia	4,512	6,723	3,791	47,555	12,022	36,323	15,720	64,066
Mississippi	1,168	1,625	835	12,390	2,329	7,009	6,483	15,821
South Carolina	2,839	4,498	2,126	26,034	11,146	18,994	7,772	37,911
United States	136,438	196,066	120,707	1,599,662	291,853	1,164,237	579,546	2,035,636

Total contribution (impact) estimates include indirect and induced regional multiplier effects.