



Profile: Landscape and Horticultural Services



Office of General Industry Enforcement

Industry Group 078 - Landscape and Horticultural Services

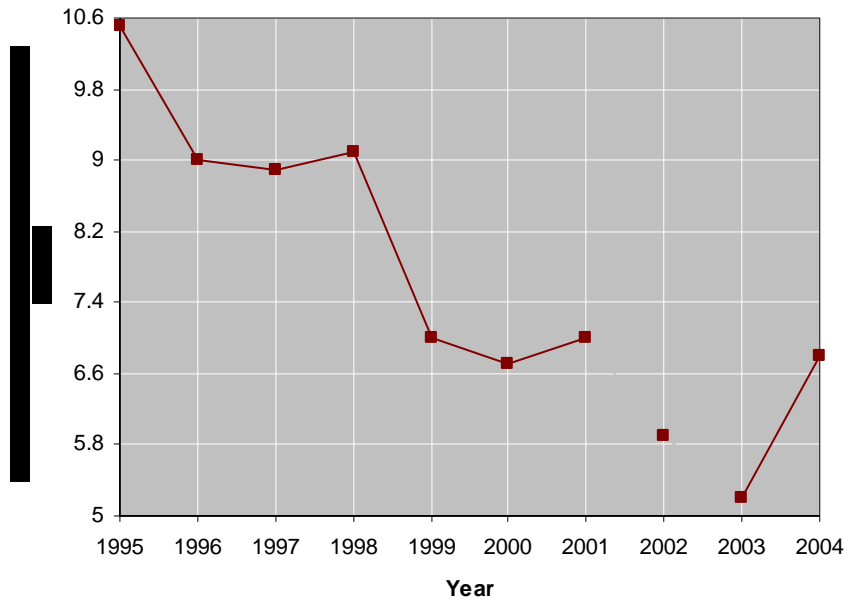
Industry Description:

This SIC category encompasses a wide range of services. Included in this category are establishments engaged in landscape architecture garden planning, lawn mowing and fertilizing, sod laying, garden planting, arborist services, line-clearance tree trimming, and ornamental tree planting, just to name a few.

BLS Profile

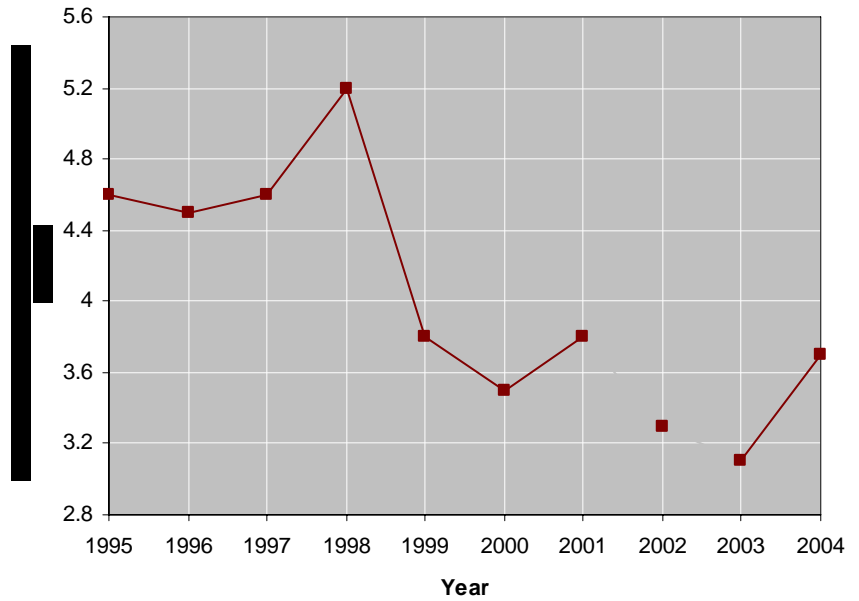
Total Recordable Case Rate (Industry Group 078)

Year	Annual
1995	10.5
1996	9.0
1997	8.9
1998	9.1
1999	7.0
2000	6.7
2001	7.0
2002	5.9*
2003	5.2**
2004	6.8



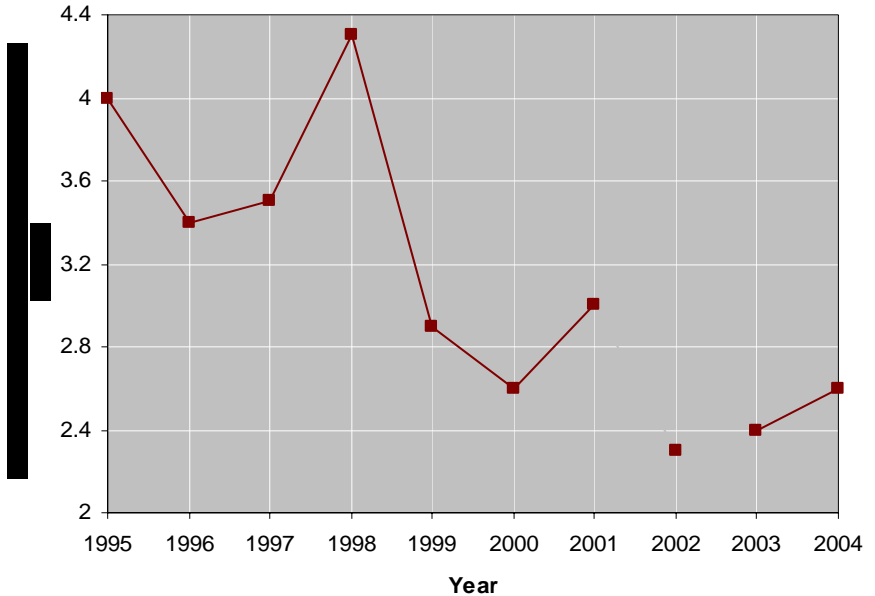
Lost Workday Case Rate (Industry Group 078)

Year	Annual
1995	4.6
1996	4.5
1997	4.6
1998	5.2
1999	3.8
2000	3.5
2001	3.8
2002	3.3*
2003	3.1**
2004	3.7



Cases With Days Away Rate (Industry Group 078)

Year	Annual
1995	4.0
1996	3.4
1997	3.5
1998	4.3
1999	2.9
2000	2.6
2001	3.0
2002	2.3*
2003	2.4**
2004	2.6



Fatality Total for NAICS Group 56173 (2004) : 169

* Effective January 1, 2002, the Occupational Safety and Health Administration (OSHA) revised its requirements for reporting occupational injuries and illnesses. Due to the revised recordkeeping rule, the estimates from the 2002 survey are not comparable with those from previous years, thus resulting in the discontinuous graph lines.

** Beginning with the 2003 reference year, the BLS Survey of Occupational Injuries and Illnesses began using the 2000 North American Industry Classification System (NAICS). Prior to 2003, the survey used the Standard Industrial Classification (SIC) system. The substantial differences between these systems result in breaks in series for industry data. This data is not reflected on the accompanying chart.

Source: Bureau of Labor Statistics (National Data)

National Summary by Region

NAICS 56173

Regions	Establishments with 10 or more employees	
	Establishments	Employees
1	122	2865
2	188	4493
3	101	4520
4	249	8894
5	219	7629
6	173	6650
7	75	2791
8	54	1419
9	N/A	N/A
10	11	279

Establishment and employment counts come from Dunn & Bradstreet, March, 2006.

Inspection Summary

FY 2005

Federal OSHA Inspection Data

Industry Group 078

Federal Data Only	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
Total Inspections	28	25	18	73	35	23	12	33	2	6	255
Safety	27	24	16	60	32	20	11	31	2	5	228
Health	1	1	2	13	3	3	1	2	0	1	27
Inspections By Type											
Unprogrammed	23	16	13	31	21	20	12	10	1	3	150
Accidents	3	2	4	17	2	11	4	0	0	0	43
Complaints	4	2	2	5	15	4	4	8	1	0	45
Referrals	16	8	5	6	3	3	4	1	0	3	49
Monitoring	0	0	0	0	0	0	0	0	0	0	0
Variance	0	0	0	0	0	0	0	0	0	0	0
Follow-Up	0	2	0	0	1	2	0	0	0	0	5
Unprog. Related	0	2	2	3	0	0	0	1	0	0	8
Other	0	0	0	0	0	0	0	0	0	0	0
Programmed	5	9	5	42	14	3	0	23	1	3	105
Planned	4	8	4	42	14	3	0	22	0	1	98
Prog. Related	0	1	1	0	0	0	0	1	1	2	6
Other	1	0	0	0	0	0	0	0	0	0	1

Source : IMIS Database

Top 10 Violations Cited

Std	#Cited	#Insp	Description
1910.132	51	42	Personal Protective Equipment
1910.1200	49	23	Hazard Communication
5(a)(1)	43	38	General Duty Clause
1910.67	31	27	Vehicle-Mounted Elevating/Rotating Work Platforms
1910.133	24	24	Eye & Face Protection
1910.269	22	12	Electric Power Gen/Tran/Dist.
1910.135	17	17	Occupational Head Protection
1910.266	17	6	Pulpwood Logging
1910.305	16	7	Electrical, Wiring Methods, Components
1904.39	10	10	Fatality/Multiple Hospitalization Accident Rep

Source: IMIS Database – FY 2005 (Federal Only)

Average Number of Employees per Establishment: N/A

Percent Small establishments: N/A

Some Potential Hazards and Their Sources

Hazard	Source
Sprains and strains	Manual handling of landscaping tools and materials
Electrical hazards	Working in proximity to overhead power lines
Noise	Powered equipment such as chainsaws, chippers, and trenchers
Heat stress	Working for extended periods of time outdoors
Falls	Working from bucket trucks, working in trees
Struck-by	Working around motor vehicles, overhead hazards

Average Case and Demographic Characteristics

Average cases per year, 1995 - 2000		13,025
Demographics of worker	Sex	95.7% men
		38.3% ages 25-34 22.7% ages 35-44 21.9% ages 20-24 17.1% other
	Length of service with employer	49.6% less than one year 32.3% 1-5 years 18.1% more than 5 years
	Race/ethnic origin	52.4% white non-Hispanic 25.8% Hispanic - any race 21.8% other
Characteristics of injury/illness	Days away from work	52.7% 1-5 days 31.3% 6-30 days 16.0% 31 or more days
	Nature of injury/illness	36.1% sprains/strains 22.0% "all other" natures 16.9% cuts/lacerations/punctures
	Part of body affected	24.0% arms/wrists/hands/fingers 23.3% legs/knees/feet/toes 22.3% back 30.3% other
	Source of injury/illness	27.4% "all other sources" 13.2% hand tools 12.9% floors/ground surfaces 12.2% worker motion/position 10.3% machinery 9.2% vehicles
	Event or exposure	21.2% overexertion 17.6% struck by object 11.1% "all other" events/exposure 10.8% struck against object

Source: OSHA Office of Statistical Analysis compilation of BLS data

Note: The percentages on this table do not sum to 100%. Only the most frequently coded characteristics are listed. The "All Other" category should not be interpreted as being all inclusive of the categories not listed above.

**2003 BLS Industry Data for
NAICS 561730 – LANDSCAPE SERVICES**

All Reported Cases **11500**

Nature of Illness or Injury	Number	% Total
Sprains, Strains	3990	34.7
Fractures	560	4.9
Cuts, Punctures	1920	16.7
Bruises	950	8.3
Heat Burns	N/A	N/A
Chemical Burns	N/A	N/A
Amputations	N/A	N/A
Carpal Tunnel	N/A	N/A
Tendonitis	N/A	N/A
Mult Trauma Total	530	4.6
Mult Trauma With Fracture	N/A	N/A
Mult Trauma With Sprain	N/A	N/A
Back Pain Total	670	5.8
Back Pain Hurt Back Only	250	2.2
All Other	2600	22.6

Part of Body Affected	Number	% Total
Head Total	1400	12.2
Eyes	700	6.1
Neck	N/A	N/A
Trunk Total	3540	30.8
Trunk Back	2180	19.0
Trunk Shoulder	700	6.1
Upper Extremities Total	2440	21.2
Upper Extremities Finger	950	8.3
Upper Extremities Hand	820	7.1
Upper Extremities Wrist	N/A	N/A
Lower Extremities Total	2660	23.1
Lower Extremities Knee	760	6.6
Lower Extremities Foot Toe	340	3.0
Body Systems	N/A	N/A
Multiple Body Parts	1090	9.5
All Other Body Parts	N/A	N/A

Source of Injury or Illness	Number	% Total
Chem And Chem Products	N/A	N/A
Containers	490	4.3
Furniture And Fixtures	N/A	N/A
Machinery	990	8.6
Parts And Materials	730	6.3
Worker Motion	1340	11.7
Floors Walkways	2200	19.1
Handtools	1700	14.8

Vehicle	1110	9.7
Health Care Patient	N/A	N/A
All Other Sources	2760	24.0

Sex	Number	% Total
Men	10980	95.5
Women	520	4.5
Sex Not Reported	N/A	N/A

Age	Number	% Total
Under 14	N/A	N/A
14 to 15	N/A	N/A
16 to 19	600	5.2
20 to 24	2800	24.3
25 to 34	3450	30.0
35 to 44	2510	21.8
45 to 54	1640	14.3
55 to 64	410	3.6
65 And Over	N/A	N/A
Not Reported	N/A	N/A

Race	Number	% Total
White Non Hispanic	6220	54.1
Black Non Hispanic	260	2.3
Hispanic	N/A	N/A
Asian	N/A	N/A
Native Hawaiian Or Pacific Islander	N/A	N/A
American Indian	N/A	N/A
Multirace	N/A	N/A
Race Not Reported	1681	11.91

Length of Service	Number	% Total
Less Than 3 Months	2070	18.0
3 to 11 Months	3380	29.4
1 to 5 years	4060	35.3
More Than 5 Years	2000	17.4
Service Not Reported	N/A	N/A

Days away from work	Number	% Total
1 Day	1570	13.7
2 Days	540	4.7
3 to 5 Days	1670	14.5
6 to 10 Days	1920	16.7
11 to 20 Days	1940	16.9
21 to 30 Days	1030	9.0
31 Days Or More	2840	24.7
Median Days Away	12	N/A

Event/Exposure Leading to Injury	Number	% Total
Total Contact With Objects	4330	37.7
Struck By Object	2630	22.9
Struck Against Object	870	7.6

Event/Exposure Leading to Injury	Number	% Total
Caught In Object	420	3.7
Fall to Lower Level	1170	10.2
Fall On Same Level	770	6.7
Slips Or Trips	350	3.0
Overexertion Total	1980	17.2
Overexertion In Lifting	1040	9.0
Repetitive Motion	N/A	N/A
Exposure to Harmful Substance	540	4.7
Transportation Accidents	850	7.4
Fires And Explosions	N/A	N/A
Total Assaults - Violent Acts	N/A	N/A
Assaults By Person	N/A	N/A
All Other Assaults	N/A	N/A
All Other Events	1290	11.2

Photo Credits

- 1) All photos obtained from the International Society of Arboriculture, Champaign, Illinois.