



Profile: Landscape and Horticultural Services



Office of General Industry Enforcement

Industry Group 078 - Landscape and Horticultural Services

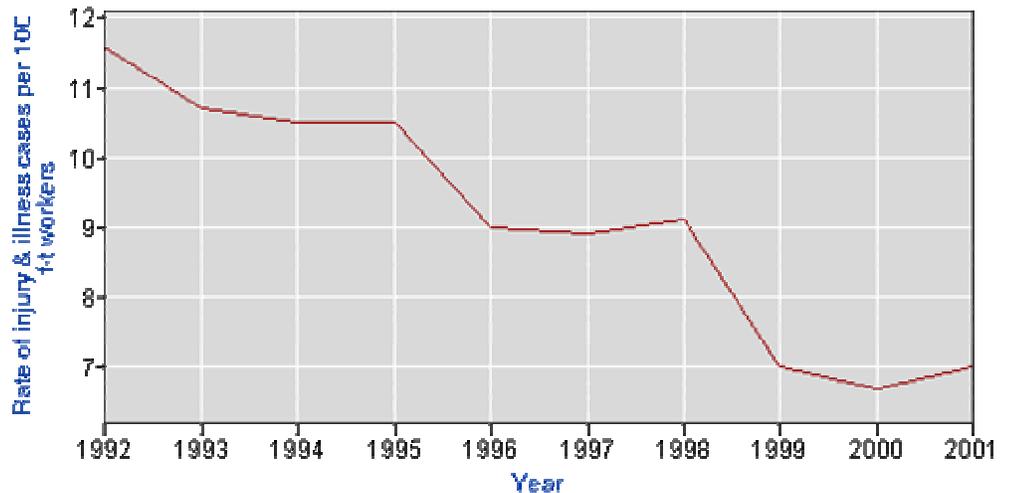
Industry Description:

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

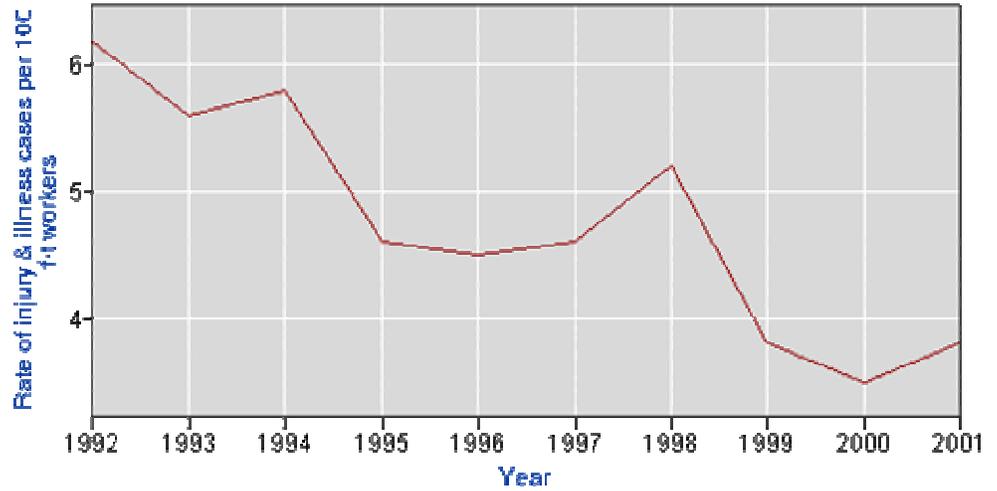
Total Recordable Case Rate (Industry Group 078)

Year	Annual
1992	11.6
1993	10.7
1994	10.5
1995	10.5
1996	9.0
1997	8.9
1998	9.1
1999	7.0
2000	6.7
2001	7.0



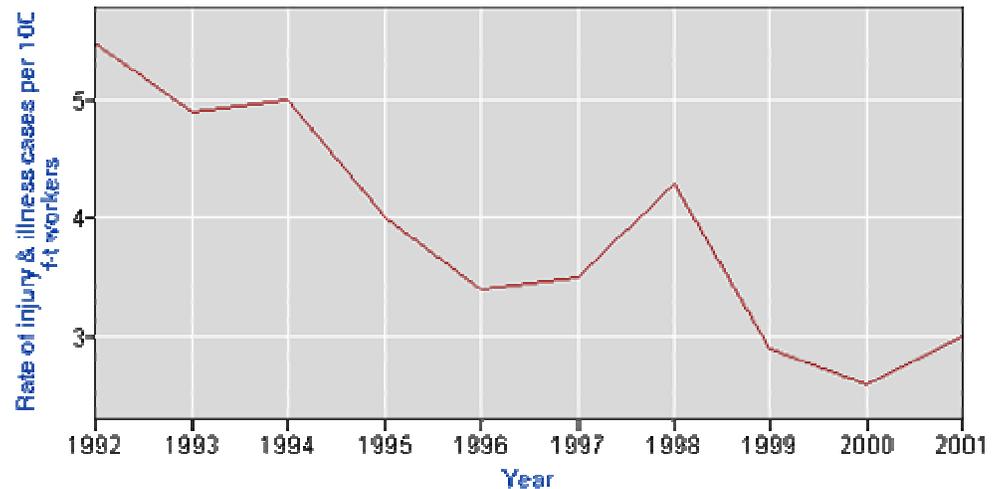
Lost Workday Case Rate (Industry Group 078)

Year	Annual
1992	6.2
1993	5.6
1994	5.8
1995	4.6
1996	4.5
1997	4.6
1998	5.2
1999	3.8
2000	3.5
2001	3.8



Cases with Days Away Rate (Industry Group 078)

Year	Annual
1992	5.5
1993	4.9
1994	5.0
1995	4.0
1996	3.4
1997	3.5
1998	4.3
1999	2.9
2000	2.6
2001	3.0



Fatality Rate for Industry Group 078 (2001) : 15.1

National Average - All Industries (2001) : 4.3

Source: Bureau of Labor Statistics (National data)

Fatality rates are number of fatalities per 100,000 workers.

National Summary by Region

NAICS 56173

Regions	Establishments with 10 or more employees		Number of FY 2003 Inspections	
	Establishments	Employees	Total	Programmed
1	66	1723	27	5
2	98	2603	13	3
3	NA	NA	16	0
4	NA	NA	34	6
5	140	4515	20	5
6	92	4135	9	0
7	36	2031	6	1
8	25	665	7	1
9	NA	NA	0	0
10	5	109	4	0

Equivalent Industry Group 078

Regions	Establishments with 10 or more employees		Number of FY 2003 Inspections	
	Establishments	Employees	Total	Programmed
1	57	1470	28	5
2	71	2008	20	6
3	50	2504	14	0
4	112	4177	35	6
5	95	3289	22	9
6	81	3861	9	1
7	29	1874	7	1
8	12	375	9	1
9	NA	NA	3	3
10	4	69	4	0

Establishment and employment counts come from Dunn & Bradstreet, June 2003.

Inspection data from the IMIS database.

Inspection and establishment counts include only Federal Area Office inspections and establishments in Federal OSHA states

Inspection Summary

FY 2003

Federal OSHA Inspection Data

Industry Group 078

Federal Data Only	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
Total Inspections	28	20	14	35	22	9	7	9	3	4	151
Safety	27	19	14	34	18	8	7	9	3	4	143
Health	1	1	0	1	4	1	0	0	0	0	8
Inspections By Type											
Unprogrammed											
Accidents	23	14	14	29	13	8	6	8	0	4	119
Complaints	0	5	2	20	5	6	1	1	0	0	40
Referrals	6	1	3	4	5	1	1	1	0	0	22
Monitoring	17	7	9	4	3	1	4	5	0	4	54
Variance	0	0	0	0	0	0	0	0	0	0	0
Follow-Up	0	0	0	0	0	0	0	0	0	0	0
Unprog. Related	0	0	0	1	0	0	1	0	0	0	1
Other	0	1	0	0	0	0	0	1	0	0	2
	0	0	0	0	0	0	0	0	0	0	0
Programmed											
Planned	5	6	0	6	9	1	1	1	3	0	32
Prog. Related	4	4	0	6	9	0	1	1	2	0	27
Other	1	2	0	0	0	1	0	0	1	0	5
	0	0	0	0	0	0	0	0	0	0	0

Source : IMIS Database

Top 10 Violations Cited

Std	#Cited	#Insp	Description
5(a)(1)	31	26	General Duty Clause
1910.132	27	21	Personal Protective Equipment
1910.1200	25	9	Hazard Communication
1910.67	18	16	Vehicle-Mounted Elevating/Rotating Work Platforms
1910.135	13	13	Occupational Head Protection
1910.133	9	9	Eye & Face Protection
1910.269	9	3	Electric Power Gen/Tran/Dist.
1904.39	8	8	Fatality/Multiple Hospitalization Accident Rep
1910.333	8	6	Electrical, Selection & Use of Work Practices
1910.266	7	1	Pulpwood Logging

Source: IMIS Database – FY 2003 (Federal Only)

Average Number of Employees per Establishment: N/A
Percent small establishments: 94.4%

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.

2001 BLS Industry Data for Industry Group 078—LANDSCAPE AND HORTICULTURAL SERVICES

All Reported Cases **14112**

Nature of Illness or Injury	Number	% Total
Sprains, Strains	5782	40.97
Fractures	819	5.80
Cuts, Punctures	2447	17.34
Bruises	854	6.05
Heat Burns	0	0.00
Chemical Burns	0	0.00
Amputations	205	1.45
Carpal Tunnel	0	0.00
Tendonitis	0	0.00
Mult Trauma Total	722	5.12
Mult Trauma With Fracture	130	0.92
Mult Trauma With Sprain	438	3.10
Back Pain Total	844	5.98
Back Pain Hurt Back Only	270	1.91
All Other	2342	16.60

Part of Body Affected	Number	% Total
Head Total	1285	9.11
Eyes	612	4.34
Neck	203	1.44
Trunk Total	5104	36.17
Trunk Back	3511	24.88
Trunk Shoulder	754	5.34
Upper Extremities Total	2984	21.15
Upper Extremities Finger	1733	12.28
Upper Extremities Hand	664	4.71
Upper Extremities Wrist	189	1.34
Lower Extremities Total	3012	21.34
Lower Extremities Knee	926	6.56
Lower Extremities Foot Toe	687	4.87
Body Systems	154	1.09
Multiple Body Parts	1226	8.69
All Other Body Parts	144	1.02

Source of Injury or Illness	Number	% Total
Chem And Chem Products	170	1.20
Containers	696	4.93
Furniture And Fixtures	0	0.00
Machinery	1649	11.69
Parts And Materials	1327	9.40
Worker Motion	1626	11.52
Floors Walkways	1377	9.76
Handtools	1518	10.76

Vehicle	1291	9.15
Health Care Patient	0	0.00
All Other Sources	4429	31.38

Sex	Number	% Total
Men	13320	94.39
Women	720	5.10
Sex Not Reported	71	0.50

Age	Number	% Total
Under 14	0	0.00
14 to 15	0	0.00
16 to 19	934	6.62
20 to 24	2529	17.92
25 to 34	4724	33.48
35 to 44	3541	25.09
45 to 54	1694	12.00
55 to 64	384	2.72
65 And Over	0	0.00
Not Reported	232	1.64

Race	Number	% Total
White Non Hispanic	7170	50.81
Black Non Hispanic	526	3.73
Hispanic	4619	32.73
Asian Or Pacific Islander	107	0.76
American Indian	0	0.00
Race Not Reported	1681	11.91

Length of Service	Number	% Total
Less Than 3 Months	3020	21.40
3 to 11 Months	3580	25.37
1 to 5 years	4540	32.17
More Than 5 Years	2108	14.94
Service Not Reported	864	6.12

Days away from work	Number	% Total
1 Day	2336	16.55
2 Days	2405	17.04
3 to 5 Days	2940	20.83
6 to 10 Days	1484	10.52
11 to 20 Days	1431	10.14
21 to 30 Days	852	6.04
31 Days Or More	2664	18.88
Median Days Away	5	N/A

Event/Exposure Leading to Injury	Number	% Total
Total Contact With Objects	5461	38.70
Struck By Object	2880	20.41
Struck Against Object	890	6.31
Caught In Object	983	6.97
Fall to Lower Level	423	3.00

Fall On Same Level	857	6.07
Slips Or Trips	481	3.41
Overexertion Total	3254	23.06
Overexertion In Lifting	1846	13.08
Repetitive Motion	244	1.73
Exposure to Harmful Substance	539	3.82
Transportation Accidents	1001	7.09
Fires And Explosions	0	0.00

Event/Exposure Leading to Injury	Number	% Total
Total Assaults - Violent Acts	194	1.37
Assaults By Person	0	0.00
All Other Assaults	189	1.34
All Other Events	1640	11.62

Photo Credits

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