

## **Section 2: National Data**



Table 2-1. National estimates of injuries, restricted workdays, injury rate per 200,000 hours worked, and restricted workdays per 200,000 hours worked by type of farming operation, 1993.

Farm Type	Estimated Lost-time Injuries	Estimated Restricted Workdays	Estimated Lost-time Injury Rates	Estimated Restricted Workdays Rate
Cash grain	29087.2	479260.1	6.1	100.1
Field crops	17151.3	208495.5	4.8	58.3
Veg, fruit, nuts	32579.2	553842.2	5.3	89.9
Nursery	14608.4	122893.9	7.3	61.4
Beef, hogs, sheep	62546.1	1145330.5	8.2	150.1
Poultry	2082.1	65695.3	3.4	105.9
Dairy	37123.1	446798.3	6.4	77.6
Other livestock	3539.3	30207.6	12.0	102.0
Other farms	2364.6	7229.2	7.9	24.0
All farms	201081.3	3059753.5	6.5	98.3

Table 2-2. National estimates of injuries, restricted workdays, injury rate per 200,000 hours worked, and restricted workdays per 200,000 hours worked by type of farming operation and status of the injured worker, 1993.

Farm Type	Status	Estimated Lost-time Injuries	Estimated Restricted Workdays	Estimated Lost-time Injury Rate	Estimated Restricted Workdays Rate
Cash grain	Family	24628.1	464547.4	6.9	129.5
	Hired	3723.4	12655.1	3.1	10.6
Field crops	Family	10069.0	152951.8	4.8	73.5
	Hired	6996.2	53972.8	4.0	30.0
Veg, fruit, nuts	Family	9108.3	176766.9	6.8	132.4
	Hired	23519.7	377076.9	4.9	78.1
Nursery	Family	852.6	18462.1	1.7	36.0
	Hired	13756.1	104431.8	9.2	70.2
Beef, hogs, sheep	Family	54893.9	1109726.2	9.5	191.1
	Hired	7171.8	33376.9	3.9	18.3
Poultry	Family	1463.8	59369.5	3.9	157.4
	Hired	618.3	6325.8	2.5	26.0
Dairy	Family	22780.2	359216.4	5.7	89.6
	Hired	13689.0	84776.4	7.8	48.5
Other livestock	Family	2493.1	26878.7	11.4	122.8
	Hired	1001.5	2187.5	13.0	43.1
Other farms	Family	72.9	2187.5	0.5	14.8
	Hired	2291.7	5041.7	15.0	33.0
All Farms	Family	126289.0	2129199.5	7.0	132.2
	Hired	72717.7	926742.0	5.5	51.6

Table 2-3. National estimates of lost-time injuries by region, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	14411.4	7.2	14411.4	7.2
South	44098.2	21.9	58509.6	29.1
Midwest	82918.0	41.2	141427.6	70.3
West	59706.1	29.7	201133.7	100.0

Table 2-4. National estimates of lost-time injuries by farm type, 1993.

Farm Type	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Cash grain	29086.7	14.5	29086.7	14.5
Field crops	17229.2	8.6	46315.9	23.0
Veg, fruit, nuts	32628.0	16.2	78943.9	39.2
Nursery	14608.7	7.3	93552.6	46.5
Beef, hogs, sheep	62545.9	31.1	156098.5	77.6
Poultry	2082.1	1.0	158180.6	78.6
Dairy	37122.5	18.5	195303.1	97.1
Other livestock	3538.9	1.8	198842.0	98.9
Other farms	2291.7	1.1	201133.7	100.0

Table 2-5. National estimates of lost-time injuries by status of the injured worker, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	111403.3	55.5	111403.3	55.5
Partner/family	14885.7	7.4	126289.0	63.0
Hired labor	70781.8	35.3	197070.8	98.3
Unpaid nonfamily	1935.9	1.0	199006.7	99.2
Other	1543.0	0.8	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-6. National estimates of lost-time injuries by gender, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	181070.3	90.3	181070.3	90.3
Female	19479.4	9.7	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-7. National estimates of lost-time injuries by age group, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	12873.4	6.4	12873.4	6.4
20-29	37926.1	18.9	50799.5	25.3
30-39	49795.6	24.8	100595.1	50.2
40-49	36510.5	18.2	137105.6	68.4
50-59	30340.7	15.1	167446.3	83.6
60-69	21008.8	10.5	188455.1	94.0
>=70	11945.8	6.0	200400.9	100.0

(Frequency Missing = 732.8)

Table 2-8. National estimates of lost-time injuries by race or ethnic origin, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	152544.0	76.2	152544.0	76.2
Hispanic	43742.1	21.8	196286.1	98.0
Black	1422.6	0.7	197708.7	98.7
Asian	752.8	0.4	198461.5	99.1
American Indian	974.6	0.5	199436.1	99.6
Other	790.0	0.4	200226.1	100.0

(Frequency Missing = 907.6)

Table 2-9. National estimates of lost-time injuries by month, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	11661.0	5.8	11661.0	5.8
February	7495.6	3.7	19156.6	9.6
March	8453.5	4.2	27610.1	13.8
April	13804.5	6.9	41414.6	20.7
May	15817.1	7.9	57231.7	28.6
June	25715.2	12.8	82946.9	41.4
July	25837.6	12.9	108784.5	54.3
August	23627.0	11.8	132411.5	66.1
September	19886.8	9.9	152298.3	76.1
October	15828.0	7.9	168126.3	84.0
November	17318.2	8.7	185444.5	92.6
December	14760.8	7.4	200205.3	100.0

(Frequency Missing = 928.4)

Table 2-10. National estimates of lost-time injuries by severity of the injury, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	189937.1	94.8	189937.1	94.8
Permanent	9186.9	4.6	199124.0	99.4
Fatality	1250.9	0.6	200374.9	100.0
(Frequency Missing = 758.8)				

Table 2-11. National estimates of lost-time injuries by whether professional medical attention was sought, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	11196.6	5.6	11196.6	5.6
Yes	160864.8	80.0	172061.4	85.5
No	29072.3	14.5	201133.7	100.0

Table 2-12. National estimates of lost-time injuries by body part injured, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	10206.0	5.1	10206.0	5.1
Eye	13512.2	6.7	23718.2	11.8
Chest/trunk	17107.9	8.5	40826.1	20.4
Back	30052.9	15.0	70879.0	35.3
Arm/shoulder	15408.2	7.7	86287.2	43.0
Finger	24358.3	12.1	110645.5	55.2
Hand/wrist	23656.7	11.8	134302.2	67.0
Leg/knee/hip	30514.1	15.2	164816.3	82.2
Toe	1830.9	0.9	166647.2	83.1
Foot	17605.6	8.8	184252.8	91.9
Mult. parts	12019.9	6.0	196272.7	97.9
Other	4277.0	2.1	200549.7	100.0
(Frequency Missing = 584.0)				

Table 2-13. National estimates of lost-time injuries by nature of injury, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	1154.2	0.6	1154.2	0.6
Bruise	27738.5	13.8	28892.7	14.4
Burn	2281.9	1.1	31174.6	15.5
Cut	37434.2	18.7	68608.8	34.2
Crush	13458.6	6.7	82067.4	40.9
Fracture	30574.2	15.2	112641.6	56.2
Poisoning	389.8	0.2	113031.4	56.4
Puncture	9792.3	4.9	122823.7	61.2
Sprain/strain	51382.1	25.6	174205.8	86.9
Mult. injury	11713.3	5.8	185919.1	92.7
Other	14630.6	7.3	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-14. National estimates of lost-time injuries by type of event, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	5149.2	2.6	5149.2	2.6
Caught between	19541.8	9.7	24691.0	12.3
Caught under	8369.8	4.2	33060.8	16.5
Struck by/against	37600.9	18.7	70661.7	35.2
Struck by falling	10910.2	5.4	81571.9	40.7
Struck by flying	7344.0	3.7	88915.9	44.3
Contact sharp obj.	22611.8	11.3	111527.7	55.6
Fall, same level	23994.4	12.0	135522.1	67.6
Fall, elevation	18375.2	9.2	153897.3	76.7
Overexertion	26157.4	13.0	180054.7	89.8
Other	20495.0	10.2	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-15. National estimates of lost-time injuries by activity when worker was injured, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	31531.1	15.7	31531.1	15.7
Machine maint.	26721.8	13.3	58252.9	29.0
Field work	37563.4	18.7	95816.3	47.8
Crop handling	30628.9	15.3	126445.2	63.0
Livestock handling	51514.5	25.7	177959.7	88.7
Other	22590.0	11.3	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-16. National estimates of lost-time injuries by source of the injury, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	10939.7	5.5	10939.7	5.5
Machinery	34441.5	17.2	45381.2	22.6
Livestock	36207.0	18.1	81588.2	40.7
Hand tool	22896.0	11.4	104484.2	52.1
Power tool	7403.6	3.7	111887.8	55.8
Pesticide/chem.	1454.0	0.7	113341.8	56.5
Plant/tree	8649.6	4.3	121991.4	60.8
Working surface	17057.0	8.5	139048.4	69.3
Truck/auto	6140.9	3.1	145189.3	72.4
Other vehicle	4841.4	2.4	150030.7	74.8
Liquids	1227.7	0.6	151258.4	75.4
Other	49291.3	24.6	200549.7	100.0

(Frequency Missing = 584.0)

Table 2-3. National estimates of restricted workdays by region, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	172924.7	5.7	172924.7	5.7
South	773506.8	25.3	946431.5	31.0
Midwest	1276975.9	41.7	2223407.4	72.7
West	836346.1	27.3	3059753.5	100.0

Table 2-6. National estimates of restricted workdays by gender, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	2478401.1	81.0	2478401.1	81.0
Female	581352.4	19.0	3059753.5	100.0

Table 2-7. National estimates of restricted workdays by age group, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	137817.2	4.5	137817.2	4.5
20-29	236409.9	7.7	374227.1	12.2
30-39	434806.9	14.2	809034.0	26.4
40-49	694125.7	22.7	1503159.7	49.1
50-59	552443.9	18.1	2055603.6	67.2
60-69	752848.9	24.6	2808452.5	91.8
>=70	251301.0	8.2	3059753.5	100.0

Table 2-8. National estimates of restricted workdays by race or ethnic origin, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	2650754.3	86.6	2650754.3	86.6
Hispanic	314138.4	10.3	2964992.7	96.9
Black	10228.7	0.3	2975221.4	97.2
Asian	66458.9	2.2	3041680.2	99.4
American Indian	4985.5	0.2	3046665.7	99.6
Other	13187.8	0.4	3059753.5	100.0

Table 2-10. National estimates of restricted workdays by severity of the injury, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	3059753.5	100.0	3059753.5	100.0

Table 2-11. National estimates of restricted workdays by whether professional medical attention was sought, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	2827133.0	92.4	2827133.0	92.4
No	232620.5	14.5	3059753.5	7.6

Table 2-12. National estimates of restricted workdays by body part injured, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	83660.0	2.7	83660.0	2.7
Eye	105029.6	3.4	188689.6	6.1
Chest/trunk	269216.9	8.8	457906.5	14.9
Back	627790.5	20.5	1085697.0	35.4
Arm/shoulder	284523.9	9.3	1370220.9	44.7
Finger	122897.2	4.0	1493118.1	48.7
Hand/wrist	374248.4	12.2	1867366.5	60.9
Leg/knee/hip	541547.6	17.7	2408914.1	78.6
Toe	12178.5	0.4	2421092.6	79.0
Foot	292684.6	9.6	2713777.2	88.6
Mult. parts	306384.1	10.0	3020161.3	98.7
Other	39592.2	1.3	3059753.5	100.0

Table 2-13. National estimates of restricted workdays by nature of injury, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	19149.1	0.6	19149.1	0.6
Bruise	175853.4	5.7	195002.5	6.3
Burn	12741.3	0.4	207743.8	6.7
Cut	182201.2	6.0	389945.0	12.7
Crush	176541.8	5.8	566486.8	18.5
Fracture	1046383.8	34.2	1612870.6	52.7
Poisoning	5289.5	0.2	1618160.1	52.9
Puncture	50853.1	1.9	1675013.2	54.8
Sprain/strain	763352.3	24.9	2438365.5	79.7
Mult. injury	246062.5	8.0	2684428.0	87.7
Other	375325.5	12.3	3059753.5	100.0

Table 2-14. National estimates of restricted workdays by type of event, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	55409.5	1.8	55409.5	1.8
Caught between	240895.6	7.9	296305.1	9.7
Caught under	126555.9	4.1	422861.0	13.8
Struck by/against	720045.6	23.5	1142906.6	37.3
Struck by falling	54291.9	1.8	1197198.5	39.1
Struck by flying	19617.8	0.6	1216816.3	39.7
Contact sharp obj.	120600.1	3.9	1337416.4	43.6
Fall, same level	805354.0	26.3	2142770.4	69.9
Fall, elevation	394337.5	12.9	2537107.9	82.8
Overexertion	212223.7	6.9	2749331.6	89.9
Other	310421.9	10.1	3059753.5	100.0

Table 2-15. National estimates of restricted workdays by activity when worker was injured, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	352080.5	11.5	352080.5	11.5
Machine maint.	380240.3	12.4	732320.8	23.9
Field work	549215.4	17.9	1281536.2	41.8
Crop handling	508540.0	16.6	1790076.2	58.4
Livestock handling	889058.8	29.1	2679135.0	87.5
Other	380618.5	12.4	3059753.5	100.0

Table 2-16. National estimates of restricted workdays by source of the injury, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	264651.8	8.6	264651.8	5.5
Machinery	363840.2	11.9	628492.0	22.6
Livestock	567886.0	18.6	1196378.2	40.7
Hand tool	245449.9	8.04	1441827.9	52.1
Power tool	19421.7	0.6	1461249.6	55.8
Pesticide/chem.	13410.9	0.4	1474660.5	56.5
Plant/tree	115270.1	3.8	1589930.6	60.8
Working surface	479503.9	15.7	2069434.5	69.3
Truck/auto	174109.9	5.7	2243544.4	72.4
Other vehicle	105005.0	3.4	2348549.4	74.8
Liquids	24772.8	0.8	2373322.2	75.4
Other	686431.4	22.4	3059753.5	100.0

Table 2-17. National estimates of lost-time injuries by region of the U.S. for cash grain operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	595.8	2.0	595.8	2.0
South	3085.2	10.6	3681.0	12.7
Midwest	23691.5	81.5	27372.5	94.1
West	1714.2	5.9	29086.7	100.0

Table 2-18. National estimates of lost-time injuries by status of the injured worker for cash grain operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	21788.0	74.9	21788.0	74.9
Partner/family	2840.1	9.8	24628.1	84.7
Hired labor	3230.1	11.1	27858.2	95.8
Unpaid nonfamily	493.3	1.7	28351.5	97.5
Other	735.2	2.5	29086.7	100.0

Table 2-19. National estimates of lost-time injuries by gender for cash grain operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	27588.3	94.8	27588.3	94.8
Female	1498.4	5.2	29086.7	100.0

Table 2-20. National estimates of lost-time injuries by age group for cash grain operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	2478.2	8.5	2478.2	8.5
20-29	2749.4	9.5	5227.6	18.0
30-39	8867.0	30.5	14094.6	48.5
40-49	4088.6	14.1	18183.2	62.5
50-59	4658.2	16.0	22841.4	78.5
60-69	4486.0	15.4	27327.4	94.0
>=70	1759.3	6.0	29086.7	100.0

Table 2-21. National estimates of lost-time injuries by race or ethnic origin for cash grain operations, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	28267.0	97.8	28267.0	97.8
Hispanic	338.1	1.2	28605.1	98.9
Black	306.8	1.1	28911.9	100.0
(Frequency Missing = 174.8)				

Table 2-22. National estimates of lost-time injuries by month for cash grain operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	620.6	2.1	620.6	2.1
February	727.2	2.5	1347.8	4.7
March	877.5	3.0	2225.3	7.7
April	4043.9	14.0	6269.2	21.7
May	2720.4	9.4	8989.6	31.1
June	4884.2	16.9	13873.8	48.0
July	3212.9	11.1	17086.7	59.1
August	2604.5	9.0	19691.2	68.1
September	3972.1	13.7	23663.3	81.8
October	2669.3	9.2	26332.6	91.1
November	657.7	2.3	26990.3	93.4
December	1921.6	6.6	28911.9	100.0
(Frequency Missing = 174.8)				

Table 2-23. National estimates of lost-time injuries by severity of the injury for cash grain operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	27399.8	94.8	27399.8	94.8
Permanent	1337.3	4.6	28737.1	99.4
Fatality	174.8	0.6	28911.9	100.0
(Frequency Missing = 174.8)				

Table 2-24. National estimates of lost-time injuries by whether professional medical attention was sought for cash grain operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	1686.9	5.8	1686.9	5.8
Yes	23473.0	80.7	25159.9	86.5
No	3926.8	13.5	29086.7	100.0

Table 2-25. National estimates of lost-time injuries by body part injured for cash grain operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	2110.9	7.3	2110.9	7.3
Eye	891.9	3.1	3002.8	10.3
Chest/trunk	2159.6	7.4	5162.4	17.7
Back	2894.5	10.0	8056.9	27.7
Arm/shoulder	3062.9	10.5	11119.8	38.2
Finger	4669.1	16.1	15788.9	54.3
Hand/wrist	2790.9	9.6	18579.8	63.9
Leg/knee/hip	4704.3	16.2	23284.1	80.1
Toe	397.1	1.4	23681.2	81.4
Foot	2510.6	8.6	26191.8	90.0
Mult. parts	2392.3	8.2	28584.1	98.3
Other	502.6	1.7	29086.7	100.0

Table 2-26. National estimates of lost-time injuries by nature of the injury for cash grain operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	174.8	0.6	174.8	0.6
Bruise	2694.0	9.3	2868.8	9.9
Burn	644.3	2.2	3513.1	12.1
Cut	4774.5	16.4	8287.6	28.5
Crush	1279.6	4.4	9567.2	32.9
Fracture	5909.7	20.3	15476.9	53.2
Poisoning	115.8	0.4	15592.7	53.6
Puncture	2120.0	7.3	17712.7	60.9
Sprain/strain	5953.8	20.5	23666.5	81.4
Mult. injury	3010.5	10.4	26677.0	91.7
Other	2409.7	8.3	29086.7	100.0

Table 2-27. National estimates of lost-time injuries by type of event for cash grain operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	1809.7	6.2	1809.7	6.2
Caught between	3741.7	12.9	5551.4	19.1
Caught under	1936.6	6.7	7488.0	25.7
Struck by/against	4033.6	13.9	11521.6	39.6
Struck by falling	1783.1	6.1	13304.7	45.7
Struck by flying	1134.1	3.9	14438.8	49.6
Contact sharp obj.	2124.1	7.3	16562.9	56.9
Fall, same level	3276.7	11.3	19839.6	68.2
Fall, elevation	3367.1	11.6	23206.7	79.8
Overexertion	2474.2	8.5	25680.9	88.3
Other	3405.8	11.7	29086.7	100.0

Table 2-28. National estimates of lost-time injuries by activity when injured for cash grain operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	6916.3	23.8	6916.3	23.8
Machine maint.	6585.5	22.6	13501.8	46.4
Field work	5014.8	17.2	18516.6	63.7
Crop handling	4099.2	14.1	22615.8	77.8
Livestock handling	4975.9	17.1	27591.7	94.9
Other	1495.0	5.1	29086.7	100.0

Table 2-29. National estimates of lost-time injuries by source of injury for cash grain operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	3185.2	11.0	3185.2	11.0
Machinery	5298.4	18.2	8483.6	29.2
Livestock	3205.6	11.0	11689.2	40.2
Hand tool	3907.8	13.4	15597.0	53.6
Power tool	1261.1	4.3	16858.1	58.0
Pesticide/chem.	386.8	1.3	17244.9	59.3
Plant/tree	641.7	2.2	17886.6	61.5
Working surface	3336.0	11.5	21222.6	73.0
Truck/auto	1362.5	4.7	22585.1	77.6
Other vehicle	1045.5	3.6	23630.6	81.2
Liquids	915.3	3.1	24545.9	84.4
Other	4540.8	15.6	29086.7	100.0

Table 2-30. National estimates of lost-time injuries by region of the U.S. for field crop operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	1877.1	10.9	1877.1	10.9
South	7188.7	41.7	9065.8	52.6
Midwest	3309.7	19.2	12375.5	71.8
West	4853.7	28.2	17229.2	100.0

Table 2-31. National estimates of lost-time injuries by status of the injured worker for field crop operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	8200.5	47.6	8200.5	47.6
Partner/family	1868.5	10.8	10069.0	58.4
Hired labor	6658.7	38.6	16727.7	97.1
Unpaid nonfamily	337.5	2.0	17065.2	99.0
Other	164.0	1.0	17229.2	100.0

Table 2-32. National estimates of lost-time injuries by gender for field crop operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	16045.7	93.1	16045.7	93.1
Female	1183.5	6.9	17229.2	100.0

Table 2-33. National estimates of lost-time injuries by age group for field crop operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	1635.0	9.5	1635.0	9.5
20-29	2835.3	16.5	4470.3	25.9
30-39	4777.4	27.7	9247.7	53.7
40-49	3275.2	19.0	12522.9	72.7
50-59	2603.2	15.1	15126.1	87.8
60-69	2103.1	12.2	17229.2	100.0

Table 2-34. National estimates of lost-time injuries by race or ethnic origin for field crop operations, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	12031.2	69.8	12031.2	69.8
Hispanic	4338.3	25.2	16369.5	95.0
Black	288.8	1.7	16658.3	96.7
Asian	190.3	1.1	16848.6	97.8
American Indian	190.3	1.1	17038.9	98.9
Other	190.3	1.1	17229.2	100.0

Table 2-35. National estimates of lost-time injuries by month for field crop operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	563.3	3.3	563.3	3.3
February	413.0	2.4	976.3	5.7
March	1134.1	6.6	2110.4	12.2
April	1794.3	10.4	3904.7	22.7
May	735.8	4.3	4640.5	26.9
June	1225.4	7.1	5865.9	34.0
July	1374.9	8.0	7240.8	42.0
August	2977.4	17.3	10218.2	59.3
September	3298.6	19.1	13516.8	78.5
October	1300.4	7.5	14817.2	86.0
November	2230.3	12.9	17047.5	98.9
December	181.7	1.1	17229.2	100.0

Table 2-36. National estimates of lost-time injuries by severity of the injury for field crop operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	15968.4	92.7	15968.4	92.7
Permanent	888.2	5.2	16856.6	97.8
Fatality	372.6	2.2	17229.2	100.0

Table 2-37. National estimates of lost-time injuries by whether professional medical attention was sought for field crop operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	1260.8	7.3	1260.8	7.3
Yes	13204.7	76.6	14465.5	84.0
No	2763.7	16.0	17229.2	100.0

Table 2-38. National estimates of lost-time injuries by body part injured for field crop operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	1548.7	9.0	1548.7	9.0
Eye	622.4	3.6	2171.1	12.6
Chest/trunk	577.0	3.3	2748.1	16.0
Back	1516.4	8.8	4264.5	24.8
Arm/shoulder	821.0	4.8	5085.5	29.5
Finger	2509.5	14.6	7595.0	44.1
Hand/wrist	2855.1	16.6	10450.1	60.7
Leg/knee/hip	3529.8	20.5	13979.9	81.1
Toe	76.4	0.4	14056.3	81.6
Foot	2044.2	11.9	16100.5	93.4
Mult. parts	652.6	3.8	16753.1	97.2
Other	476.1	2.8	17229.2	100.0

Table 2-39. National estimates of lost-time injuries by nature of the injury for field crop operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	324.9	1.9	324.9	1.9
Bruise	1639.9	9.5	1964.8	11.4
Burn	58.7	0.3	2023.5	11.7
Cut	5563.0	32.3	7586.5	44.0
Crush	1801.9	10.5	9388.4	54.5
Fracture	1117.2	6.5	10505.6	61.0
Puncture	738.2	4.3	11243.8	65.3
Sprain/strain	4047.8	23.5	15291.6	88.8
Mult. injury	445.1	2.6	15736.7	91.3
Other	1492.5	8.7	17229.2	100.0

Table 2-40. National estimates of lost-time injuries by type of event for field crop operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	673.2	3.9	673.2	3.9
Caught between	2105.6	12.2	2778.8	16.1
Caught under	1015.5	5.9	3794.3	22.0
Struck by/against	1945.6	11.3	5739.9	33.3
Struck by falling	838.8	4.9	6578.7	38.2
Struck by flying	1334.6	7.7	7913.3	45.9
Contact sharp obj.	2793.7	16.2	10707.0	62.1
Fall, same level	1540.5	8.9	12247.5	71.1
Fall, elevation	1238.5	7.2	13486.0	78.3
Overexertion	2666.9	15.5	16152.9	93.8
Other	1076.3	6.2	17229.2	100.0

Table 2-41. National estimates of lost-time injuries by activity when injured for field crop operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	3297.2	19.1	3297.2	19.1
Machine maint.	1748.7	10.1	5045.9	29.3
Field work	5965.8	34.6	11011.7	63.9
Crop handling	2385.5	13.8	13397.2	77.8
Livestock handling	2534.1	14.7	15931.3	92.5
Other	1297.9	7.5	17229.2	100.0

Table 2-42. National estimates of lost-time injuries by source of injury for field crop operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	1679.8	9.7	1679.8	9.7
Machinery	3202.5	18.6	4882.3	28.3
Livestock	2077.1	12.1	6959.4	40.4
Hand tool	2232.7	13.0	9192.1	53.4
Power tool	794.5	4.6	9986.6	58.0
Pesticide/chem.	487.5	2.8	10474.1	60.8
Plant/tree	536.6	3.1	11010.7	63.9
Working surface	1993.1	11.6	13003.8	75.5
Truck/auto	244.4	1.4	13248.2	76.9
Liquids	164.0	1.0	13412.2	77.8
Other	3817.0	22.2	17229.2	100.0

Table 2-43. National estimates of lost-time injuries by region of the U.S. for vegetable, fruit, or nut operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	1498.6	4.6	1498.6	4.6
South	4906.4	15.0	6405.0	19.6
Midwest	1759.2	5.4	8164.2	25.0
West	24463.8	75.0	32628.0	100.0

Table 2-44. National estimates of lost-time injuries by status of the injured worker for vegetable, fruit, or nut operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	8987.6	27.5	8987.6	27.5
Partner/family	120.7	0.4	9108.3	27.9
Hired labor	23432.9	71.8	32541.2	99.7
Unpaid nonfamily	86.8	0.3	32628.0	100.0

Table 2-45. National estimates of lost-time injuries by gender for vegetable, fruit, or nut operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	31329.1	96.0	31329.1	96.0
Female	1298.9	4.0	32628.0	100.0

Table 2-46. National estimates of lost-time injuries by age group for vegetable, fruit, or nut operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	2128.1	6.5	2128.1	6.5
20-29	8013.3	24.6	10141.4	31.1
30-39	9440.0	28.9	19581.4	60.0
40-49	7421.9	22.7	27003.3	82.8
50-59	3087.2	9.5	30090.5	92.2
60-69	1470.6	4.5	31561.1	96.7
>=70	1066.9	3.3	32628.0	100.0

Table 2-47. National estimates of lost-time injuries by race or ethnic origin for vegetable, fruit, or nut operations, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	10171.8	31.2	10171.8	31.2
Hispanic	22075.6	67.7	32247.4	98.8
Black	266.1	0.8	32513.5	99.6
Other	114.5	0.4	32628.0	100.0

Table 2-48. National estimates of lost-time injuries by month for vegetable, fruit, or nut operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	1521.9	4.7	1521.9	4.7
February	1142.1	3.5	2664.0	8.2
March	682.6	2.1	3346.6	10.3
April	411.7	1.3	3758.3	11.5
May	1134.9	3.5	4893.2	15.0
June	3684.9	11.3	8578.1	26.3
July	5500.1	16.9	14078.2	43.1
August	6299.1	19.3	20377.3	62.5
September	2235.8	6.9	22613.1	69.3
October	4952.1	15.2	27565.2	84.5
November	2329.8	7.1	29895.0	91.6
December	2733.0	8.4	32628.0	100.0

Table 2-49. National estimates of lost-time injuries by severity of the injury for vegetable, fruit, or nut operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	31621.8	96.9	31621.8	96.9
Permanent	1006.2	3.1	32628.0	100.0

Table 2-50. National estimates of lost-time injuries by whether professional medical attention was sought for vegetable, fruit, or nut operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	1006.2	3.1	1006.2	3.1
Yes	27344.9	83.8	28351.1	86.9
No	4276.9	13.1	32628.0	100.0

Table 2-51. National estimates of lost-time injuries by body part injured for vegetable, fruit, or nut operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	909.0	2.8	909.0	2.8
Eye	1424.9	4.4	2333.9	7.2
Chest/trunk	3064.5	9.4	5398.4	16.5
Back	10249.7	31.4	15648.1	48.0
Arm/shoulder	2373.4	7.3	18021.5	55.2
Finger	4859.3	14.9	22880.8	70.1
Hand/wrist	3251.9	10.0	26132.7	80.1
Leg/knee/hip	3746.2	11.5	29878.9	91.6
Foot	2173.0	6.7	32051.9	98.2
Other	576.1	1.8	32628.0	100.0

Table 2-52. National estimates of lost-time injuries by nature of the injury for vegetable, fruit, or nut operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bruise	4122.7	12.6	4122.7	12.6
Cut	6166.4	18.9	10289.1	31.5
Crush	2830.1	8.7	13119.2	40.2
Fracture	1406.6	4.3	14525.8	44.5
Puncture	2021.0	6.2	16546.8	50.7
Sprain/strain	12817.4	39.3	29364.2	90.0
Mult. injury	787.9	2.4	30152.1	92.4
Other	2475.9	7.6	32628.0	100.0

Table 2-53. National estimates of lost-time injuries by type of event for vegetable, fruit, or nut operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	545.0	1.7	545.0	1.7
Caught between	3556.1	10.9	4101.1	12.6
Caught under	120.7	0.4	4221.8	12.9
Struck by/against	1399.8	4.3	5621.6	17.2
Struck by falling	3516.7	10.8	9138.3	28.0
Struck by flying	2060.7	6.3	11199.0	34.3
Contact sharp obj.	4543.7	13.9	15742.7	48.2
Fall, same level	3061.3	9.4	18804.0	57.6
Fall, elevation	1278.2	3.9	20082.2	61.5
Overexertion	9567.9	29.3	29650.1	90.9
Other	2977.9	9.1	32628.0	100.0

Table 2-54. National estimates of lost-time injuries by activity when injured for vegetable, fruit, or nut operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	3537.5	10.8	3537.5	10.8
Machine maint.	5886.5	18.0	9424.0	28.9
Field work	11080.9	34.0	20504.9	62.8
Crop handling	3051.6	9.4	23556.5	72.2
Livestock handling	1783.4	5.5	25339.9	77.7
Other	7288.1	22.3	32628.0	100.0

Table 2-55. National estimates of lost-time injuries by source of injury for vegetable, fruit, or nut operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Machinery	8187.3	25.1	8187.3	25.1
Livestock	541.7	1.7	8729.0	26.8
Hand tool	6292.6	19.3	15021.6	46.0
Power tool	114.5	0.4	15136.1	46.4
Pesticide/chem.	114.5	0.4	15250.6	46.7
Plant/tree	2416.6	7.4	17667.2	54.1
Working surface	2222.6	6.8	19889.8	61.0
Truck/auto	489.3	1.5	20379.1	62.5
Other vehicle	1155.0	3.5	21534.1	66.0
Other	11093.9	34.0	32628.0	100.0

Table 2-56. National estimates of lost-time injuries by region of the U.S. for nursery operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	1407.6	9.6	1407.6	9.6
South	2370.4	16.2	3778.0	25.9
Midwest	1749.5	12.0	5527.5	37.8
West	9081.2	62.2	14608.7	100.0

Table 2-57. National estimates of lost-time injuries by status of the injured worker for nursery operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	816.5	5.6	816.5	5.6
Partner/family	36.1	0.2	852.6	5.8
Hired labor	13756.1	94.2	14608.7	100.0

Table 2-58. National estimates of lost-time injuries by gender for nursery operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	13312.5	91.1	13312.5	91.1
Female	1296.2	8.9	14608.7	100.0

Table 2-59. National estimates of lost-time injuries by age group for nursery operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20-29	9234.4	63.9	9234.4	63.9
30-39	1183.5	8.2	10417.9	72.0
40-49	2322.3	16.1	12740.2	88.1
50-59	307.7	2.1	13047.9	90.2
60-69	631.6	4.4	13679.5	94.6
>=70	780.4	5.4	14459.9	100.0

(Frequency Missing = 148.8)

Table 2-60. National estimates of lost-time injuries by race or ethnic origin for nursery operations, 1993.

Race/Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	6837.7	47.3	6837.7	47.3
Hispanic	7361.3	50.9	14199.0	98.2
Black	260.9	1.8	14459.9	100.0

(Frequency Missing = 148.8)

Table 2-61. National estimates of lost-time injuries by month for nursery operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	0.0	0.0	0.0	0.0
February	0.0	0.0	0.0	0.0
March	221.0	1.5	221.0	1.5
April	992.2	6.9	1213.2	8.4
May	4639.4	32.1	5852.6	40.5
June	2286.2	15.8	8138.8	56.3
July	2802.3	19.4	10941.1	75.7
August	2137.4	14.8	13078.5	90.4
September	367.0	2.5	13445.5	93.0
October	0.0	0.0	13445.5	93.0
November	456.5	3.2	13902.0	96.1
December	557.9	3.9	14459.9	100.0

(Frequency Missing = 148.8)

Table 2-62. National estimates of lost-time injuries by severity of the injury for nursery operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	14459.9	99.0	14459.9	99.0
Permanent	148.8	1.0	14608.7	100.0

Table 2-63. National estimates of lost-time injuries by whether professional medical attention was sought for nursery operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	148.8	1.0	148.8	1.0
Yes	13834.8	94.7	13983.6	95.7
No	625.1	4.3	14608.7	100.0

Table 2-64. National estimates of lost-time injuries by body part injured for nursery operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	33.3	0.2	33.3	0.2
Eye	4673.5	32.0	4706.8	32.2
Chest/trunk	3979.2	27.2	8686.0	59.5
Back	2804.8	19.2	11490.8	78.7
Arm/shoulder	211.8	1.4	11702.6	80.1
Finger	780.4	5.3	12483.0	85.4
Hand/wrist	1682.7	11.5	14165.7	97.0
Toe	260.9	1.8	14426.6	98.8
Mult. parts	182.1	1.2	14608.7	100.0

Table 2-65. National estimates of lost-time injuries by nature of the injury for nursery operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bruise	2155.6	14.8	2155.6	14.8
Burn	33.3	0.2	2188.9	15.0
Cut	3167.7	21.7	5356.6	36.7
Crush	148.8	1.0	5505.4	37.7
Fracture	816.5	5.6	6321.9	43.3
Poisoning	33.3	0.2	6355.2	43.5
Puncture	260.9	1.8	6616.1	45.3
Sprain/strain	5557.6	38.0	12173.7	83.3
Mult. injury	148.8	1.0	12322.5	84.4
Other	2286.2	15.6	14608.7	100.0

Table 2-66. National estimates of lost-time injuries by type of event for nursery operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught between	260.9	1.8	260.9	1.8
Struck by/against	2833.7	19.4	3094.6	21.2
Contact sharp obj.	892.5	6.1	3987.1	27.3
Fall, same level	1325.9	9.1	5313.0	36.4
Fall, elevation	148.8	1.0	5461.8	37.4
Overexertion	2814.9	19.3	8276.7	56.7
Other	6332.0	43.3	14608.7	100.0

Table 2-67. National estimates of lost-time injuries by activity when injured for nursery operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	4870.0	33.3	4870.0	33.3
Field work	5576.1	38.2	10446.1	71.5
Crop handling	1123.3	7.7	11569.4	79.2
Livestock handling	472.7	3.2	12042.1	82.4
Other	2566.6	17.6	14608.7	100.0

Table 2-68. National estimates of lost-time injuries by source of injury for nursery operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	148.8	1.0	148.8	1.0
Machinery	1831.7	12.5	1980.5	13.6
Hand tool	558.5	3.8	2539.0	17.4
Power tool	2620.2	17.9	5159.2	35.3
Pesticide/chem.	66.6	0.5	5225.8	35.8
Plant/tree	677.5	4.6	5903.3	40.4
Working surface	743.4	5.1	6646.7	45.5
Other	7962.0	54.5	14608.7	100.0

Table 2-69. National estimates of lost-time injuries by region of the U.S. for beef, hog, or sheep operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	1823.0	2.9	1823.0	2.9
South	19738.8	31.6	21561.8	34.5
Midwest	30840.5	49.3	52402.3	83.8
West	10143.6	16.2	62545.9	100.0

Table 2-70. National estimates of lost-time injuries by status of the injured worker for beef, hog, or sheep operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	48052.9	76.8	48052.9	76.8
Partner/family	6841.0	10.9	54893.9	87.8
Hired labor	6608.5	10.6	61502.4	98.3
Unpaid nonfamily	513.3	0.8	62015.7	99.2
Other	530.2	0.8	62545.9	100.0

Table 2-71. National estimates of lost-time injuries by gender for beef, hog, or sheep operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	55047.9	88.0	55047.9	88.0
Female	7498.0	12.0	62545.9	100.0

Table 2-72. National estimates of lost-time injuries by age group for beef, hog, or sheep operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	2265.5	3.6	2265.5	3.6
20-29	4932.2	7.9	7197.7	11.5
30-39	12149.1	19.4	19346.8	30.9
40-49	10947.2	17.5	30294.0	48.4
50-59	14659.8	23.4	44953.8	71.9
60-69	9949.5	15.9	54903.3	87.8
>=70	7642.6	12.2	62545.9	100.0

Table 2-73. National estimates of lost-time injuries by race or ethnic origin for beef, hog, or sheep operations, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	59796.0	95.6	59796.0	95.6
Hispanic	2199.4	3.5	61995.4	99.1
American Indian	398.6	0.6	62394.0	99.8
Other	151.9	0.2	62545.9	100.0

Table 2-74. National estimates of lost-time injuries by month for beef, hog, or sheep operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	5252.7	8.4	5252.7	8.4
February	3069.5	4.9	8322.2	13.3
March	3214.4	5.1	11536.6	18.4
April	3975.4	6.4	15512.0	24.8
May	4555.0	7.3	20067.0	32.1
June	8216.1	13.1	28283.1	45.2
July	6507.9	10.4	34791.0	55.6
August	5370.7	8.6	40161.7	64.2
September	6386.5	10.2	46548.2	74.4
October	5140.2	8.2	51688.4	82.6
November	5654.1	9.0	57342.5	91.7
December	5203.4	8.3	62545.9	100.0

Table 2-75. National estimates of lost-time injuries by severity of the injury for beef, hog, or sheep operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	58025.3	92.8	58025.3	92.8
Permanent	3817.1	6.1	61842.4	98.9
Fatality	703.5	1.1	62545.9	100.0

Table 2-76. National estimates of lost-time injuries by whether professional medical attention was sought for beef, hog, or sheep operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	4520.6	7.2	4520.6	7.2
Yes	49215.6	78.7	53736.2	85.9
No	8809.7	14.1	62545.9	100.0

Table 2-77. National estimates of lost-time injuries by body part injured for beef, hog, or sheep operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	2528.0	4.0	2528.0	4.0
Eye	3330.3	5.3	5858.3	9.4
Chest/trunk	4324.9	6.9	10183.2	16.3
Back	10502.5	16.8	20685.7	33.1
Arm/shoulder	3840.8	6.1	24526.5	39.2
Finger	6587.7	10.5	31114.2	49.7
Hand/wrist	6079.8	9.7	37194.0	59.5
Leg/knee/hip	13513.6	21.6	50707.6	81.1
Toe	902.1	1.4	51609.7	82.5
Foot	4468.7	7.1	56078.4	89.7
Mult. parts	6062.9	9.7	62141.3	99.4
Other	404.6	0.6	62545.9	100.0

Table 2-78. National estimates of lost-time injuries by nature of the injury for beef, hog, or sheep operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	398.6	0.6	398.6	0.6
Bruise	8298.8	13.3	8697.4	13.9
Burn	398.6	0.6	9096.0	14.5
Cut	11236.9	18.0	20332.9	32.5
Crush	4222.4	6.8	24555.3	39.3
Fracture	15053.0	24.1	39608.3	63.3
Poisoning	46.3	0.1	39654.6	63.4
Puncture	1044.3	1.7	40698.9	65.1
Sprain/strain	13057.3	20.9	53756.2	85.9
Mult. injury	5244.2	8.4	59000.4	94.3
Other	3545.5	5.7	62545.9	100.0

Table 2-79. National estimates of lost-time injuries by type of event for beef, hog, or sheep operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	1224.5	2.0	1224.5	2.0
Caught between	4106.7	6.6	5331.2	8.5
Caught under	2292.8	3.7	7624.0	12.2
Struck by/against	17636.3	28.2	25260.3	40.4
Struck by falling	2559.3	4.1	27819.6	44.5
Struck by flying	1829.4	2.9	29649.0	47.4
Contact sharp obj.	5259.2	8.4	34908.2	55.8
Fall, same level	10065.8	16.1	44974.0	71.9
Fall, elevation	7884.5	12.6	52858.5	84.5
Overexertion	5368.4	8.6	58226.9	93.1
Other	4319.0	6.9	62545.9	100.0

Table 2-80. National estimates of lost-time injuries by activity when injured for beef, hog, or sheep operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	9591.1	15.3	9591.1	15.3
Machine maint.	7073.6	11.3	16664.7	26.6
Field work	4237.4	6.8	20902.1	33.4
Crop handling	10180.0	16.3	31082.1	49.7
Livestock handling	26502.9	42.4	57585.0	92.1
Other	4960.9	7.9	62545.9	100.0

Table 2-81. National estimates of lost-time injuries by source of injury for beef, hog, or sheep operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	2758.8	4.4	2758.8	4.4
Machinery	6926.4	11.1	9685.2	15.5
Livestock	18944.8	30.3	28630.0	45.8
Hand tool	4853.9	7.8	33483.9	53.5
Power tool	2083.2	3.3	35567.1	56.9
Pesticide/chem.	398.6	0.6	35965.7	57.5
Plant/tree	1418.7	2.3	37384.4	59.8
Working surface	5697.6	9.1	43082.0	68.9
Truck/auto	2841.1	4.5	45923.1	73.4
Other vehicle	1424.2	2.3	47347.3	75.7
Other	15198.6	24.3	62545.9	100.0

Table 2-82. National estimates of lost-time injuries by region of the U.S. for poultry operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	150.6	7.2	150.6	7.2
South	955.7	45.9	1106.3	53.1
Midwest	80.0	3.8	1186.3	57.0
West	895.8	43.0	2082.1	100.0

Table 2-83. National estimates of lost-time injuries by status of the injured worker for poultry operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	1463.8	70.3	1463.8	70.3
Hired labor	333.3	16.0	1797.1	86.3
Unpaid nonfamily	285.0	13.7	2082.1	100.0

Table 2-84. National estimates of lost-time injuries by gender for poultry operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	1411.8	67.8	1411.8	67.8
Female	670.3	32.2	2082.1	100.0

Table 2-85. National estimates of lost-time injuries by age group for poultry operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
30-39	285.0	13.7	285.0	13.7
40-49	483.9	23.2	768.9	36.9
50-59	365.0	17.5	1133.9	54.5
60-69	948.2	45.5	2082.1	100.0

Table 2-86. National estimates of lost-time injuries by race or ethnic origin for poultry operations, 1993.

Race/Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	800.6	38.5	800.6	38.5
Asian	562.5	27.0	1363.1	65.5
American Indian	385.7	18.5	1748.8	84.0
Other	333.3	16.0	2082.1	100.0

Table 2-87. National estimates of lost-time injuries by month for poultry operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	285.0	13.7	285.0	13.7
February	0.0	0.0	0.0	0.0
March	0.0	0.0	0.0	0.0
April	80.0	3.8	365.0	17.5
May	27.8	1.3	392.8	18.9
June	0.0	0.0	0.0	0.0
July	0.0	0.0	0.0	0.0
August	0.0	0.0	0.0	0.0
September	0.0	0.0	0.0	0.0
October	0.0	0.0	0.0	0.0
November	0.0	0.0	0.0	0.0
December	1689.3	81.1	2082.1	100.0

Table 2-88. National estimates of lost-time injuries by severity of the injury for poultry operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	2082.1	100.0	2082.1	100.0

Table 2-89. National estimates of lost-time injuries by whether professional medical attention was sought for poultry operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1616.4	77.6	1616.4	77.6
No	465.7	22.4	2082.1	100.0

Table 2-90. National estimates of lost-time injuries by body part injured for poultry operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	285.0	13.7	285.0	13.7
Back	27.8	1.3	312.8	15.0
Finger	618.3	29.7	931.1	44.7
Hand/wrist	562.5	27.0	1493.6	71.7
Leg/knee/hip	122.8	5.9	1616.4	77.6
Foot	465.7	22.4	2082.1	100.0

Table 2-91. National estimates of lost-time injuries by nature of the injury for poultry operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bruise	385.7	18.5	385.7	18.5
Cut	285.0	13.7	670.7	32.2
Crush	333.3	16.0	1004.0	48.2
Fracture	685.3	32.9	1689.3	81.1
Sprain/strain	107.8	5.2	1797.1	86.3
Other	285.0	13.7	2082.1	100.0

Table 2-92. National estimates of lost-time injuries by type of event for poultry operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught between	333.3	16.0	333.3	16.0
Struck by falling	465.7	22.4	799.0	38.4
Contact sharp obj.	285.0	13.7	1084.0	52.1
Fall, same level	562.5	27.0	1646.5	79.1
Fall, elevation	285.0	13.7	1931.5	92.8
Overexertion	27.8	1.3	1959.3	94.1
Other	122.8	5.9	2082.1	100.0

Table 2-93. National estimates of lost-time injuries by activity when injured for poultry operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	750.7	36.1	750.7	36.1
Machine maint.	333.3	16.0	1084.0	52.1
Field work	562.5	27.0	1646.5	79.1
Crop handling	285.0	13.7	1931.5	92.8
Livestock handling	122.8	5.9	2054.3	98.7
Other	27.8	1.3	2082.1	100.0

Table 2-94. National estimates of lost-time injuries by source of injury for poultry operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	670.7	32.2	670.7	32.2
Machinery	333.3	16.0	1004.0	48.2
Livestock	122.8	5.9	1126.8	54.1
Hand tool	285.0	13.7	1411.8	67.8
Plant/tree	562.5	27.0	1974.3	94.8
Other	107.8	5.2	2082.1	100.0

Table 2-95. National estimates of lost-time injuries by region of the U.S. for dairy operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	5896.8	15.9	5896.8	15.9
South	4063.3	10.9	9960.1	26.8
Midwest	20847.6	56.2	30807.7	83.0
West	6314.8	17.0	37122.5	100.0

Table 2-96. National estimates of lost-time injuries by status of the injured worker for dairy operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	19920.9	54.5	19920.9	54.5
Partner/family	2859.3	7.8	22780.2	62.3
Hired labor	13469.0	36.9	36249.2	99.2
Unpaid nonfamily	220.0	0.6	36469.2	99.8
Other	69.3	0.2	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-97. National estimates of lost-time injuries by gender for dairy operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	31714.1	86.8	31714.1	86.8
Female	4824.4	13.2	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-98. National estimates of lost-time injuries by age group for dairy operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10-19	4366.6	12.0	4366.6	12.0
20-29	9183.1	25.1	13549.7	37.1
30-39	10538.9	28.8	24088.6	65.9
40-49	7446.9	20.4	31535.5	86.3
50-59	3579.0	9.8	35114.5	96.1
60-69	1354.7	3.7	36469.2	99.8
>=70	69.3	0.2	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-99. National estimates of lost-time injuries by race or ethnic origin for dairy operations, 1993.

Race/ Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	31144.0	85.2	31144.0	85.2
Hispanic	5394.5	14.8	36538.5	100.0
(Frequency Missing = 584.0)				

Table 2-100. National estimates of lost-time injuries by month for dairy operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	3308.1	9.1	3308.1	9.1
February	1556.6	4.3	4864.7	13.3
March	2022.8	5.5	6887.5	18.8
April	2507.0	6.9	9394.5	25.7
May	1962.9	5.4	11357.4	31.1
June	5010.2	13.7	16367.6	44.8
July	5256.8	14.4	21624.4	59.2
August	3828.8	10.5	25453.2	69.7
September	3626.8	9.9	29080.0	79.6
October	1106.1	3.0	30186.1	82.6
November	4199.3	11.5	34385.4	94.1
December	2153.1	5.9	36538.5	100.0
(Frequency Missing = 584.0)				

Table 2-101. National estimates of lost-time injuries by severity of the injury for dairy operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	34593.5	94.7	34593.5	94.7
Permanent	1945.0	5.3	36538.5	100.0
(Frequency Missing = 584.0)				

Table 2-102. National estimates of lost-time injuries by whether professional medical attention was sought for dairy operations, 1993.

Attention Required	Medical		Cumulative Frequency	Cumulative Percent
	Frequency	Percent		
Unknown	2529.0	6.8	2529.0	6.8
Yes	28605.6	77.1	31134.6	83.9
No	5987.9	16.1	37122.5	100.0

Table 2-103. National estimates of lost-time injuries by body part injured for dairy operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	2321.2	6.4	2321.2	6.4
Eye	2569.2	7.0	4890.4	13.4
Chest/trunk	2590.2	7.1	7480.6	20.5
Back	1696.3	4.6	9176.9	25.1
Arm/shoulder	4641.2	12.7	13818.1	37.8
Finger	4334.0	11.9	18152.1	49.7
Hand/wrist	4769.0	13.1	22921.1	62.7
Leg/knee/hip	4118.5	11.3	27039.6	74.0
Toe	194.4	0.5	27234.0	74.5
Foot	5676.2	15.5	32910.2	90.1
Mult. parts	2685.7	7.4	35595.9	97.4
Other	942.6	2.6	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-104. National estimates of lost-time injuries by nature of the injury for dairy operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Amputation	255.9	0.7	255.9	0.7
Bruise	7688.2	21.0	7944.1	21.7
Burn	1147.0	3.1	9091.1	24.9
Cut	4255.9	11.6	13347.0	36.5
Crush	2842.5	7.8	16189.5	44.3
Fracture	4561.5	12.5	20751.0	56.8
Poisoning	194.4	0.5	20945.4	57.3
Puncture	3287.1	9.0	24232.5	66.3
Sprain/strain	8158.5	22.3	32391.0	88.6
Mult. injury	2032.5	5.6	34423.5	94.2
Other	2115.0	5.8	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-105. National estimates of lost-time injuries by type of event for dairy operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught in	896.8	2.5	896.8	2.5
Caught between	5393.2	14.8	6290.0	17.2
Caught under	3004.2	8.2	9294.2	25.4
Struck by/against	8453.7	23.1	17747.9	48.6
Struck by falling	1746.6	4.8	19494.5	53.4
Struck by flying	985.2	2.7	20479.7	56.0
Contact sharp obj.	5208.9	14.3	25688.6	70.3
Fall, same level	3458.2	9.5	29146.8	79.8
Fall, elevation	3363.8	9.2	32510.6	89.0
Overexertion	1821.4	5.0	34332.0	94.0
Other	2206.5	6.0	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-106. National estimates of lost-time injuries by activity when injured for dairy operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	1892.1	5.2	1892.1	5.2
Machine maint.	4177.5	11.4	6069.6	16.6
Field work	3528.8	9.7	9598.4	26.3
Crop handling	9375.2	25.7	18973.6	51.9
Livestock handling	13187.2	36.1	32160.8	88.0
Other	4377.7	12.0	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-107. National estimates of lost-time injuries by source of injury for dairy operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	2318.6	6.3	2318.6	6.3
Machinery	7404.3	20.3	9722.9	26.6
Livestock	9024.1	24.7	18747.0	51.3
Hand tool	4498.3	12.3	23245.3	63.6
Power tool	509.3	1.4	23754.6	65.0
Plant/tree	1021.0	2.8	24775.6	67.8
Working surface	2643.8	7.2	27419.4	75.0
Truck/auto	1203.6	3.3	28623.0	78.3
Other vehicle	1216.7	3.3	29839.7	81.7
Liquids	148.4	0.4	29988.1	82.1
Other	6550.4	17.9	36538.5	100.0

(Frequency Missing = 584.0)

Table 2-108. National estimates of lost-time injuries by region of the U.S. for other farming operations, 1993.

Region	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Northeast	1161.9	19.9	1161.9	19.9
South	1789.7	30.7	2951.6	50.6
Midwest	640.0	11.0	3591.6	61.6
West	2239.0	38.4	5830.6	100.0

Table 2-109. National estimates of lost-time injuries by status of the injured worker for other farming operations, 1993.

Status of Injured Worker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Operator/family	2173.1	37.3	2173.1	37.3
Partner/family	320.0	5.5	2493.1	42.8
Hired labor	3293.2	56.5	5786.3	99.2
Other	44.3	0.8	5830.6	100.0

Table 2-110. National estimates of lost-time injuries by gender for other farming operations, 1993.

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	4620.9	79.3	4620.9	79.3
Female	1209.7	20.7	5830.6	100.0

Table 2-111. National estimates of lost-time injuries by age group for other farming operations, 1993.

Age Group (Years)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20-29	978.4	16.8	978.4	16.8
30-39	2554.7	43.8	3533.1	60.6
40-49	524.5	9.0	4057.6	69.6
50-59	1080.6	18.5	5138.2	88.1
60-69	65.1	1.1	5203.3	89.2
>=70	627.3	10.8	5830.6	100.0

Table 2-112. National estimates of lost-time injuries by race or ethnic origin for other farming operations, 1993.

Race/Ethnic Origin	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White	3495.7	60.0	3495.7	60.0
Hispanic	2034.9	34.9	5530.6	94.9
Black	300.0	5.1	5830.6	100.0

Table 2-113. National estimates of lost-time injuries by month for other farming operations, 1993.

Month	Frequency	Percent	Cumulative Frequency	Cumulative Percent
January	109.4	1.9	109.4	1.9
February	587.2	10.1	696.6	12.0
March	301.1	5.2	997.7	17.2
April	0.0	0.0	997.7	17.2
May	40.9	0.7	1038.6	17.9
June	408.2	7.0	1446.8	24.9
July	1182.7	20.4	2629.5	45.3
August	409.1	7.0	3038.6	52.3
September	0.0	0.0	3038.6	52.3
October	659.9	11.4	3698.5	63.7
November	1790.5	30.8	5489.0	94.5
December	320.8	5.5	5809.8	100.0

(Frequency Missing = 20.8)

Table 2-114. National estimates of lost-time injuries by severity of the injury for other farming operations, 1993.

Severity of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Temporary	5786.3	99.2	5786.3	99.2
Permanent	44.3	0.8	5830.6	100.0

Table 2-115. National estimates of lost-time injuries by whether professional medical attention was sought for other farming operations, 1993.

Medical Attention Required	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Unknown	44.3	0.8	44.3	0.8
Yes	3569.8	61.2	3614.1	62.0
No	2216.5	38.0	5830.6	100.0

Table 2-116. National estimates of lost-time injuries by body part injured for other farming operations, 1993.

Body Part Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Head/neck	469.9	8.1	469.9	8.1
Chest/trunk	412.5	7.1	882.4	15.1
Back	360.9	6.2	1243.3	21.3
Arm/shoulder	457.1	7.8	1700.4	29.2
Hand/wrist	1664.8	28.6	3365.2	57.7
Leg/knee/hip	778.9	13.4	4144.1	71.1
Foot	267.2	4.6	4411.3	75.7
Mult. parts	44.3	0.8	4455.6	76.4
Other	1375.0	23.6	5830.6	100.0

Table 2-117. National estimates of lost-time injuries by nature of the injury for other farming operations, 1993.

Nature of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bruise	753.6	12.9	753.6	12.9
Cut	1984.8	34.0	2738.4	47.0
Fracture	1024.4	17.6	3762.8	64.5
Puncture	320.8	5.5	4083.6	70.0
Sprain/strain	1681.9	28.8	5765.5	98.9
Mult. injury	44.3	0.8	5809.8	99.6
Other	20.8	0.4	5830.6	100.0

Table 2-118. National estimates of lost-time injuries by type of event for other farming operations, 1993.

Type of Event	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Caught between	44.3	0.8	44.3	0.8
Struck by/against	1298.2	22.3	1342.5	23.0
Contact sharp obj.	1504.7	25.8	2847.2	48.8
Fall, same level	703.5	12.1	3550.7	60.9
Fall, elevation	809.3	13.9	4360.0	74.8
Overexertion	1415.9	24.3	5775.9	99.1
Other	54.7	0.9	5830.6	100.0

Table 2-119. National estimates of lost-time injuries by activity when injured for other farming operations, 1993.

Activity When Injured	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Farm maint.	676.2	11.6	676.2	11.6
Machine maint.	916.7	15.7	1592.9	27.3
Field work	1597.1	27.4	3190.0	54.7
Crop handling	129.1	2.2	3319.1	56.9
Livestock handling	1935.5	33.2	5254.6	90.1
Other	576.0	9.9	5830.6	100.0

Table 2-120. National estimates of lost-time injuries by source of injury for other farming operations, 1993.

Source of Injury	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Tractor	177.8	3.0	177.8	3.0
Machinery	1257.6	21.6	1435.4	24.6
Livestock	2290.9	39.3	3726.3	63.9
Hand tool	267.2	4.6	3993.5	68.5
Power tool	20.8	0.4	4014.3	68.8
Plant/tree	1375.0	23.6	5389.3	92.4
Working surface	420.5	7.2	5809.8	99.6
Other	20.8	0.4	5830.6	100.0