

were attributed to manual materials-handling incidents reported as lifting objects (44.67%), pulling or pushing objects (6.90%), and throwing or wielding objects (5.54%).

Of the back sprain/strain claims attributed to manual object handling, the object categories making up the largest percentages were boxes/crates (17.59%), plants/trees (6.51%), bags/sacks (6.34%), pipe (7.09%), bales/bundles (4.95%), pails/buckets (3.82%), nonpowered vehicles (2.69%), pots/pans/dishes/trays (2.43%), and animals (2.14%).

Of the back sprain/strain claims, over half (57.11%)

Nature of Injury or Illness	Crops	Livestock	Combined
SPRAIN, STRAIN	38.92	30.23	36.67
CUT, LACERATION, PUNCTURE	14.03	13.52	13.90
FRACTURE	11.10	18.28	12.95
CONTUSION, CRUSHING, BRUISE	8.42	11.79	9.29
ABRASION, SCRATCHES	4.65	2.00	3.96
MULTIPLE INJURIES	2.89	3.63	3.08
SKIN DISORDERS & INFECTIONS ^a	2.72	0.56	2.17
HERNIA, RUPTURE	1.34	2.06	1.53
DISLOCATION	1.46	2.13	1.63
SYSTEMIC POISONING	1.40	0.88	1.26
AMPUTATION	0.72	0.97	0.78
BURN (HEAT)	0.86	1.03	0.91
INFLAMMATION OF JOINTS	0.49	0.42	0.47
BURN (CHEMICAL)	0.49	0.35	0.45
CONCUSSION	0.50	0.61	0.53
ILL DEFINED CONDITIONS	0.56	0.18	0.46
NERVOUS SYSTEM, NONTOXIC EFFECTS	0.28	0.50	0.33
EYE DISEASES	0.34	0.23	0.31
OTHER SPECIFIED CASES ^b	1.36	1.51	1.43
NONCLASSIFIABLE	7.47	9.11	7.89
TOTALS	100.00	100.00	100.00

b. This category includes radiation effects, heat disorders, heart conditions, infective or parasitic diseases, electric shock, circulatory system, freezing/frostbite, mental disorders, asphyxia, pneumoconiosis, hearing loss, respiratory conditions, hemorrhoids, complications peculiar to medical care, damage to prosthetic device, tumor, and hepatitis.

Ashford N. and Andrews R., 1983, Workers' compensation. In: Environmental and Occupational Medicine edited by W. Rom. (Boston: Little Brown), 907-912.

August 15 - 19, 1994
du 15 au 19 août 1994

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Production by: InfoLink Consultants Inc., Ottawa, Ontario, Canada
Printed by: By Press, Ottawa, Ontario, Canada

For copies of this or other volumes contact:

Human Factors Association of Canada /
Association canadienne d'ergonomie
6519-B Mississauga Rd., Mississauga, Ontario, Canada, L5N 1A6

ISBN 0-9698544-1-2

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Production : InfoLink Consultants Inc., Ottawa, Ontario, Canada
Impression: By Press, Ottawa, Ontario, Canada

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