

Supplementary Online Report 3 – Summary of studies included in the systematic scoping review of occupation health injuries and illnesses among Indigenous workers

Author and Year	Location	Study Design	Occupational Exposure	Health Focus	Quality Score*	Total Subjects / Indigenous subjects
Basnayake, T. L. et al 2018 (suppl 1:1)	Australia	Case report	Cryptococcus gattii	Pulmonary cryptococcosis	5.5/8 (a)	1/1
Bitonti, C. & Rasmussen D. 2006 (suppl 1:2)	USA	Census/Registry	Physical Trauma	Workplace fatality	5/8 (b)	721 / 63
Clark, et al. 2007 (suppl 1:3)	USA	Case series	Combat	Polytrauma	0/8 (b)	50 / 1
Crandall, et al. 1997 (suppl 1:4)	USA	Census/Registry	Physical Trauma	Workplace fatality	5/8 (b)	53 / 8
Crichlow, et al. 2006 (suppl 1:5)	USA	Cross-Sectional	Physical Trauma	Concussion & musculoskeletal injuries	1.5/8 (b)	169 / 169
Culp, et al. 2008 (suppl 1:6)	USA	Cohort	All exposures related to meatpacking work	All work-related injuries	9/9 (e)	5410 / 41
Dawson S. E. & G. E. Madsen. 1995 (suppl 1:7)	USA	Convenience Sample	Uranium, Silica	Self-reported injuries/illness	0/8 (b)	81 / 81
Driscoll, R. J. et al, 1988 (suppl 1:8)	USA	Case Series	Asbestos	Mesothelioma	5/10 (c)	5 / 5
Duysen E. et al. 2017 (suppl 1:9)	USA	Cross-Sectional	Bison herding	All work-related Injury/Illness	2.5/8 (b)	33 / 33
Edwards, V. E. et al 1970 (suppl 1:10)	Australia	Case series	Cryptococcosis	Cryptococcal infection of the nervous system	4/10 (c)	29 / 5
El-Tras, W. F. et al. 2018 (suppl 1:11)	NZ	Census/Registry	Genus leptospira	Leptospirosis infection	5.5/8 (b)	442 / 72
Fitzgerald E. F. et al. 2007 (suppl 1:12)	USA	Convenience Sample	Polychlorinated biphenyls	Polychlorinated biphenyl poisoning	7/8 (b)	139 / 139

George, M. A. et al. 2013 (suppl 1:13)	Canada	Census/Registry	All work exposures	All work-related Injury/Illness	5.5/8 (b)	NP / NP
Gilliland F. D. et al. 2000 (suppl 1:14)	USA	Case Control	Uranium	Lung cancer	5/9 (d)	376 / 94
Goldcamp E. M. et al. 2006 (suppl 1:15)	USA	Census/Registry	Farm work	All work-related Injury/Illness	5/8 (b)	348 / 177
Goldcamp E. M. et al, 2006 (suppl 1:16)	USA	Census/Registry	Farm work	All work-related Injury/Illness	4.5/8 (b)	177 / 177
Harrell, E. 2011 (suppl 1:17)	USA	Census/Registry	Violence	Workplace violence	6/8 (b)	NP / NP
Harrell, E. 2013 (suppl 1:18)	USA	Census/Registry	Violence	Workplace violence	5/8 (b)	NP / NP
Harris, P. M. 2011 (suppl 1:19)	USA	Census/Registry	All	Eye and ocular injuries	4.5/8 (b)	27,450 / 280
Hoiberg A. et al, 1981 (suppl 1:20)	USA	Case series	Navy work	All work-related Injury/Illness	7/10 (c)	153,379 / 200
Hunter. B. H. & A. E. Hawke, 2016 (suppl 1:21)	Australia	Cross-Sectional	All	All work-related injury/illness	5/8 (b)	18,270 / 235
Jin A. et al, 2014 (suppl 1:22)	Canada	Census/Registry	All	All work-related Injury/Illness	7/8 (b)	1,399,659 / 35,736
Jones B. A, 2017 (suppl 1:23)	USA	Cohort	Uranium	Years of life lost	5.5/9 (e)	4,137 / 779
Keppel et al, 2002 (suppl 1:24)	USA	Census/Registry	All	Workplace fatality	5/8 (b)	NP / NP
King, D. et al. 2014 (suppl 1:25)	NZ	Census/Registry	Physical Trauma	Concussion	4.5/8 (b)	1,330 / 322
Kocher E. et al, 2016 (suppl 1:26)	USA	Cross-Sectional	Uranium	Pneumoconiosis	2.5/8 (b)	429 / 164
Kool, B. et al. 2017 (suppl 1:27)	NZ	Case series	All	Work related injury requiring hospital admission	6/8 (b)	2,169 / 397
Lilley R. et al, 2020 (suppl 1:28)	NZ	Census/Registry	All	Workplace fatality	6/8 (b)	955 / 173

Madsen, G. E. et al, 1996 (suppl 1:29)	USA	Convenience Sample	Uranium	Self-reported injuries/complaints	1/8 (b)	170 / 83
Mayhew, C. 1998 (suppl 1:30)	Australia	Convenience Sample	All	All work-related Injury/Illness	0/8 (b)	NP / 257
McCracken, S. et al. 2001 (suppl 1:31)	NZ	Census/Registry	All	Workplace fatality	6.5/8 (b)	741 / 89
Mulloy et al, 2001 (suppl 1:32)	USA	Case report	Uranium	Lung cancer	6/8 (a)	1 / 1
Musk, A. W. et al. 1995 (suppl 1:33)	Australia	Case series	Asbestos	Mesothelioma	6/8 (a)	12 / 12
Papp, A. & J. Haythornthwaite, 2014 (suppl 1:34)	Canada	Census/registry	All	Burn	7/10 (c)	3967 / 218
Schubauer-Berigan et al, 2009 (suppl 1:35)	USA	Cohort	Uranium	Lung Cancer	6/9 (e)	4137 / 779
Schwarz, M. & D. Drudi, 2018 (suppl 1:36)	USA	Census/Registry	Injuries/illnesses related to line installing and repairing	Fatal injuries and non-fatal injuries/illnesses	4/8 (b)	26951 / 154
Shannon K. et al, 2007 (suppl 1:37)	Canada	Convenience Sample	Infectious disease related to sex work	HIV infection	6.5/8 (b)	198 / 111
Stanley I. H et al, 2020 (suppl 1:38)	USA	Convenience Sample	Firefighting painful and provocative events	Suicidal ideation/attempts	7/8 (b)	917 / 57
Steege A. L, et al. 2014 (suppl 1:39)	USA	Census/Registry	All	Workplace fatality	5.5/8 (b)	26996 / 982
Storme, M. et al, 2017 (suppl 1:40)	Canada	Case series	Asbestos	Interstitial lung disease	9/10 (c)	52 / 52
Strayer, H. D. et al, 2010 (suppl 1:41)	USA	Census/Registry	Occupational drowning	Drowning Fatalities	6/8 (b)	402 / 179

Sugarman, J. R. et al, 1993 (suppl 1:42)	USA	Census/Registry	All	Workplace fatality	5/8 (b)	58,168 / 274
Swann, J. A. et al, 2019 (suppl 1:43)	USA	Case Series	Occupational burn exposures	Burns	7.5/10 (a)	8,730 / 951
Taylor A. J. et al, 2002 (suppl 1:44)	USA	Census/Registry	Occupational electrocution	Electrocution fatalities	5/8 (b)	2525 / 16
Toscano, G. & Weber, W. 1995 (suppl 1:45)	USA	Census/Registry	Physical Trauma	Workplace fatality	7.5/10 (c)	6271 / 47
Tsuji L. J. S, et al, 2005 (suppl 1:46)	Canada	Cohort	Polychlorinated Biphenyls, organic pesticides, lead	Chemical poisoning	1.5/9 (e)	9 / 9
Veli-Gold, S. et al. 2020 (suppl 1:47)	Australia	Cross-Sectional	Physical Trauma	Traumatic brain injury	5.5/8 (b)	1230 / 617
Warchol G. 1998 (suppl 1:48)	USA	Census/Registry	Physical Trauma	Workplace homicide	2/8 (b)	4068 / NP
Wiatrowski, W. J, 2012 (suppl 1:49)	USA	Census/Registry	All events/exposures related to security work	All fatal and non-fatal occupational injuries/illnesses	5.5/8 (b)	9408 / NP
Williams C. 2003 (suppl 1:50)	Australia	Convenience Sample	All related to Aboriginal Health work	All work-related injury/illness	0/8 (b)	29 / 29
Wyeth E. H. et al, 2018 (suppl 1:51)	NZ	Cohort study	All	All work-related Injury/Illness	7/9 (e)	566 / 194

NP = Not Provided

* Study quality represents average assessment from two authors using Newcastle Ottawa scale for cohort (e) (1-3 low, 4-6 moderate, 7-9 high quality) or case control (d) (1-3 low, 4-6 moderate, 7-9 high quality) checklists or Joanna Briggs Institute Checklist for case reports (a) (1-3 low, 4-6 moderate, 7-8 high quality) cross sectional (b) (1-3 low, 4-6 moderate, 7-8 high quality) and case series (c) (1-3 low, 4-7 moderate, 8-10 high quality).