

Summary of Quality Assessment Scores

Objectives/Study Design		Average	SD
1	Was the research question/study objective sufficiently described?	1.85	0.36
2	Study design appropriate to address the study question/objective?	1.87	0.34
Study Population/Participant Selection			
3	Data source and method of participant selection sufficiently described?	1.87	0.34
4	Study sample is an unbiased representation of the target population?	1.48	0.54
5	Coverage of the population in the data source reported and adequate?	1.07	0.54
6	Inclusion/exclusion criteria sufficiently described?	1.78	0.46
Case Definitions			
7	"Work-related" clearly defined?	1.35	0.83
8a	"TBI" clearly defined?	0.83	0.86
8b	Severity of TBI measured?	0.61	0.86
8c	Definition of fatal cases clearly described?	1.25	0.79
Measurements			
9	Injury rates reported and denominator clearly defined?	1.85	0.36
10	Variables defined and robust to measurement/ misclassification bias?	0.87	0.58
11	Missing data reported for main variables analyzed?	1.67	0.67
Analysis			
12	Analysis sufficiently described/justified and appropriate?	1.81	0.39
Results/Discussion			
13	Results reported and discussed in sufficient detail and interpreted appropriately/accurately?	1.96	0.19
14	Were study limitations stated?	1.57	0.74
15	Do the results support the conclusions?	1.96	0.19
Overall			
Total Score:		23.39	4.56
Maximum Score:		30.59	2.32
Percentage:		76%	13%