

Supplement 1. General characteristics of inpatients with work-related injuries in 2010-2014 by age sub-group

	20-34 (N=2,116)		35-49 (N=4,091)		50-64 (N=4,485)		≥65 (N=1,413)		p ^b
	N	(% or SE) ^a	N	(%) ^a	N	(%) ^a	N	(%) ^a	
Sex									<0.001
Male	1,871	(91.2)	3,629	(88.4)	3,737	(82.3)	966	(66.9)	
Female	245	(8.8)	462	(11.6)	748	(17.7)	447	(33.1)	
Admission route ^c									0.032
ER	1,370	(63.9)	2,757	(65.5)	2,968	(63.5)	906	(60.8)	
Outpatient clinic	744	(36.1)	1,331	(34.5)	1,515	(36.5)	507	(39.2)	
Financial resource ^c									<0.001
NHI	1,037	(46.9)	2,047	(48.3)	2,407	(51.8)	1,060	(74.3)	
Medical aid	19	(0.8)	66	(1.6)	67	(1.5)	45	(3.5)	
IACI	637	(31.7)	1,401	(35.5)	1,449	(33.8)	186	(13.7)	
Car insurance	200	(8.6)	265	(6.3)	292	(6.4)	94	(6.3)	
Others	221	(11.3)	312	(8.3)	269	(6.5)	28	(2.2)	
Charlson co-morbidity index	0.01	(0.002)	0.02	(0.003)	0.03	(0.004)	0.15	(0.012)	<0.001
Hospitalization period(days)	17.51	(1.530)	20.07	(0.568)	22.63	(0.987)	18.96	(0.694)	0.005
Undergoing surgical operation									<0.001
Yes	1,258	(58.1)	2,474	(58.8)	2,537	(54.5)	714	(47.9)	
No	858	(41.9)	1,617	(41.2)	1,948	(45.5)	699	(52.1)	
Treatment outcome ^c									0.039
Getting better	2,052	(96.9)	3,949	(96.7)	4,312	(96.3)	1,338	(95.0)	
Unchanged/Getting worse	30	(1.7)	65	(1.7)	71	(1.8)	20	(1.8)	
Dead	10	(0.2)	31	(0.6)	44	(0.8)	29	(1.6)	
Not treated	24	(1.2)	46	(1.0)	55	(1.2)	26	(1.7)	

NHI= National Health Insurance; IACI=Industrial Accident Compensation Insurance

ER= Emergency room, CCI= Charlson co-morbidity index SE=Standard error

a Continuous variables including CCI and hospitalization period were expressed as estimated mean with standard error, others as the number with their estimated rate(%)

b Rao-Scott chi-square test and t-test were used.

c Missed values were excluded in analysis

Supplement 2. Annual incidence rates of hospitalisation due to work-related injuries from January 2010 to December 2014, according to age sub-group.

