

## June 2019: SOFA-defined Severe Injuries (SIs)

(compiled by the SOFA Working Group)

June 2019 is the latest month available for SIs as defined<sup>1</sup> by SOFA in its report, *Severe Injuries to Train and Engine Service Employees: Data Description and Injury Characteristics* (July 2001). Feel free to copy, circulate, and reference this information, extracted from the FRA's publicly-available, electronic casualty file (6180.55a) on August 29, 2019. Find SOFA information and reports at <http://www.fra.dot.gov/SOFA> [accessed August 27, 2019]

**SIs in June 2019:** There were 5 SIs in June 2019. One was an amputation to the arm or hand. The four others were fractures: 3 to the leg or foot; and 1 to the torso.

June: Present and Past Years	2019	2018	2017	2016	2015	2014
<b>SIs</b>	5	1	7	3	5	6
<b>Amputations</b> (counts included in SIs above)	1	0	1	0	1	1

**SIs Year-to-Date:** There have been 32 SIs in 2019, January through June. Three were amputations: 2 to the leg or foot; and 1 to the arm or hand. Note: SI counts previously published herein may not sum to current year-to-date totals because of revisions to the FRA's electronic file.

Year-to-Date: January through June	2019	2018	2017	2016	2015	2014
<b>SIs</b>	32	35	43	19	33	40
<b>Amputations</b> (counts included in SIs above)	3	3	5	2	4	5

### Brief Description of the June 2019 SIs:

#	Month	Day	State	Age	Injury	Description
1	June	16	NE	25	amputation: arm or hand	Caught between equipment while adjusting coupler at a yard location.
2	June	18	CA	64	fracture: leg or foot	"GETTING OUT OF THEIR PERSONAL VEHICLE [specific name of yard redacted] YARD, THEY LOST THEIR BALANCE. AND FELL INJURING THEIR LEFT ANKLE, BUMP ON TOP OF THEIR HEAD, AND SCRAPES ON THEIR HANDS." [accompanying narrative] Occurred at a location described as "other."
3	June	18	IN	57	fracture: leg or foot	Slipped, fell, stumbled, other while stepping from a moving freight train at a yard location.
4	June	28	WA	68	fracture: leg or foot	"EMPLOYEE REPORTED SHE TRIPPED ON A RAIL WALKING TO HER TRAIN AND WAS INJURED." [accompanying narrative] Occurred at a yard location.
5	June	30	CA	44	fracture: torso	"EMPLOYEE WAS INJURED WHEN HE FELL AND STRUCK BY RAILCAR ROLLING DOWN TRACK." [accompanying narrative] Occurred at a yard location.

**Comments:** Below is a table of the more frequent physical acts (What the employee was doing when hurt.) for the 2,117 SIs occurring from January 1992 through June 2019. Walking (29.3%) and riding (16.9%) are the most frequent. Note: 69 of the 2,117 SIs were not coded for physical acts.

Physical Act	Counts	Percent	Cumulative Percent	Physical Act	Counts	Percent	Cumulative Percent
walking	599	29.3	29.3	getting on	51	2.5	73.0
riding	347	16.9	46.2	jumping from	48	2.3	75.3
getting off	186	9.1	55.3	climbing over/on	46	2.3	77.6
stepping down	143	7.0	62.3	sitting	36	1.8	79.4
standing	109	5.3	67.6	lining switches	33	1.6	80.9
operating	60	2.9	70.5	44 other physical acts	390	19.0	100.0
				sub total	2,048		
				not coded for physical acts	69		
				total	2,117		

<sup>1</sup> 'Severe Injuries' were defined by the SOFA Working Group as FRA-reportable injuries to train and engine service employees that have a clear and verifiable diagnosis and met one or more of the following four criteria: (1) potentially life threatening; (2) high likelihood of permanent loss of function, permanent occupational limitation, or other permanent disability; (3) likely to result in significant work restrictions; or (4) result from a high energy impact to the human body.