

METAL CASTING INDUSTRY
Incidence Rates of Nonfatal Occupational Injuries & Illnesses per 100 Full Time Workers ⁽²⁾

	OSHA <u>RECORDABLE</u> INJURY & ILLNESS CASES							CASES with <u>D</u> ays <u>A</u> way, <u>R</u> estricted or <u>T</u> ransferred (<u>DART</u>)				
	NAICS ⁽¹⁾	2014 ⁽⁷⁾	2015 ⁽⁸⁾	2016 ⁽⁹⁾	2017 ⁽¹⁰⁾	2018 ⁽¹¹⁾		2014 ⁽⁷⁾	2015 ⁽⁸⁾	2016 ⁽⁹⁾	2017 ⁽¹⁰⁾	2018 ⁽¹¹⁾
All Manufacturing	31 - 33	4.0 (NC)	3.8 (-5.0%)	3.6 (-5.3%)	3.5 (-2.8%)	3.4 (-2.9%)		2.2 (NC)	2.2 (NC)	2.1 (-4.5%)	2.0 (-4.8%)	2.0 (NC)
Primary Metal Manufacturing	331	5.2 (NC)	5.1 (-1.9%)	4.5 (-11.8%)	4.4 (-2.2%)	4.6 (+4.6%)		2.9 (+3.6%)	2.8 (-3.4%)	2.6 (-7.1%)	2.5 (-3.9%)	2.8 (+12.0%)
Foundries (All)	3315	7.8 (+1.3%)	6.7 (-14.1%)	6.1 (-9.0%)	6.4 (+4.9%)	6.6 (+3.1%)		4.4 (+15.8%)	3.7 (-15.9%)	3.7 (NC)	3.7 (NC)	3.9 (+5.4%)
Ferrous Metal Foundries (Iron & Steel Foundries)	33151	8.0 (-7.0%)	7.2 (-10.0%)	6.0 (-16.7%)	7.4 (+23.3%)	7.0 (-5.4%)		4.2 (+7.7%)	3.8 (-9.5%)	3.2 (-15.8%)	4.3 (+34.9%)	4.2 (-2.3%)
Iron Foundries (Ductile, Gray, Malleable)	331511	8.4 (-15.2%)	7.2 (-14.3%)	6.1 (-15.3%)	8.5 (+39.3%)	6.4 (-24.7%)		4.0 (-4.8%)	3.7 (-7.5%)	3.2 (-13.5%)	4.7 (+46.9%)	3.7 (-21.3%)
Steel Investment Foundries	331512	5.6 (+19.2)	4.3 (-23.2%)	4.4 (+2.3%)	4.2 (-4.6%)	5.2 (+23.8%)		3.5 (+29.6%)	2.6 (-25.7%)	3.1 (+19.2%)	2.8 (-9.7%)	4.2 (+50.0%)
Steel Foundries (Except Investment)	331513	8.9 (+11.3)	9.1 (+2.2%)	6.9 (-24.2%)	7.4 (+7.3%)	10.2 (+37.8%)		5.2 (+23.8%)	4.6 (-11.5%)	3.2 (-30.2%)	4.5 (+40.6%)	5.9 (+31.1%)
Nonferrous Metal Foundries	33152	7.6 (+18.8)	6.1 (-19.7%)	6.3 (+3.3%)	5.3 (-15.9%)	6.1 (+15.1%)		4.7 (+30.6%)	3.5 (-25.5%)	4.3 (+22.9%)	3.2 (-25.6%)	3.5 (+9.4%)
Aluminum Die-Casting Foundries	331521	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed		Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Nonferrous (Except Aluminum) Die-Casting Foundries	331522	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed		Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Nonferrous Metal Die-Casting Foundries	331523	6.9 -----	6.2 (-10.1%)	5.3 (-14.5%)	5.4 (+1.9%)	5.5 (+1.9%)		4.3 -----	3.6 (-16.3%)	3.5 (-2.8%)	3.2 (-8.6%)	2.9 (-9.4%)
Aluminum Foundries (Except Die-Casting)	331524	8.2 (+7.9%)	6.6 (-19.5%)	7.0 (+6.1%)	6.6 (-5.7%)	8.5 (+28.8%)		5.1 (+18.6%)	4.3 (-15.7%)	4.4 (+2.3%)	4.0 (-9.1%)	4.7 (+17.5%)
Copper Foundries (Except Die-Casting)	331525	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed		Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Other Nonferrous Foundries (Except Die-Casting)	331528	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed		Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Other Nonferrous Metal Foundries (Except Die-Casting)	331529	8.3 -----	5.5 (-33.7%)	7.8 (+41.8%)	3.5 (-55.1%)	4.1 (+17.1%)		4.7 -----	2.5 (-46.8%)	6.0 (+140.0%)	2.1 (-65.0%)	3.0 (+42.9%)
Switchgear and Switchboard Apparatus Manufacturing	335313	2.4 (+4.4%)	2.2 (-8.3%)	3.5 (+59.1%)	2.0 (-42.9%)	2.1 (+5.0%)		1.0 (-23.1%)	1.1 (+10.0%)	2.6 (+136.4%)	1.1 (-57.7%)	1.0 (-9.1%)

⁽¹⁾ North American Industry Classification System (NAICS) - United States 2002

⁽²⁾ The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000, where

N = Number of Injuries and Illnesses

EH = Total Hours Worked by All Employees during the Calendar Year

200,000 = Base for 100 Equivalent Full-time Workers (working 40 hours per week, 50 weeks per year.)

NC = No Change

⁽⁷⁾ Includes % Increase (+) / Decrease (-) From 2013

⁽⁹⁾ Includes % Increase (+) / Decrease (-) From 2015

⁽¹¹⁾ Includes % Increase (+) / Decrease (-) From 2017

⁽⁸⁾ Includes % Increase (+) / Decrease (-) From 2014

⁽¹⁰⁾ Includes % Increase (+) / Decrease (-) From 2016