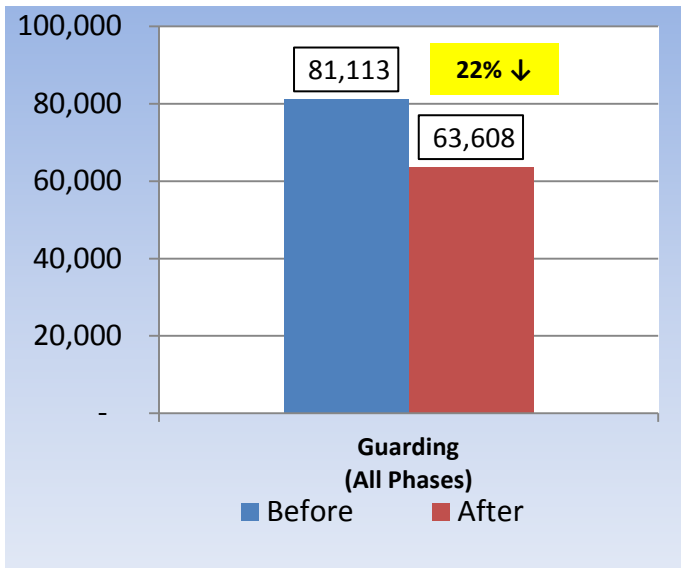


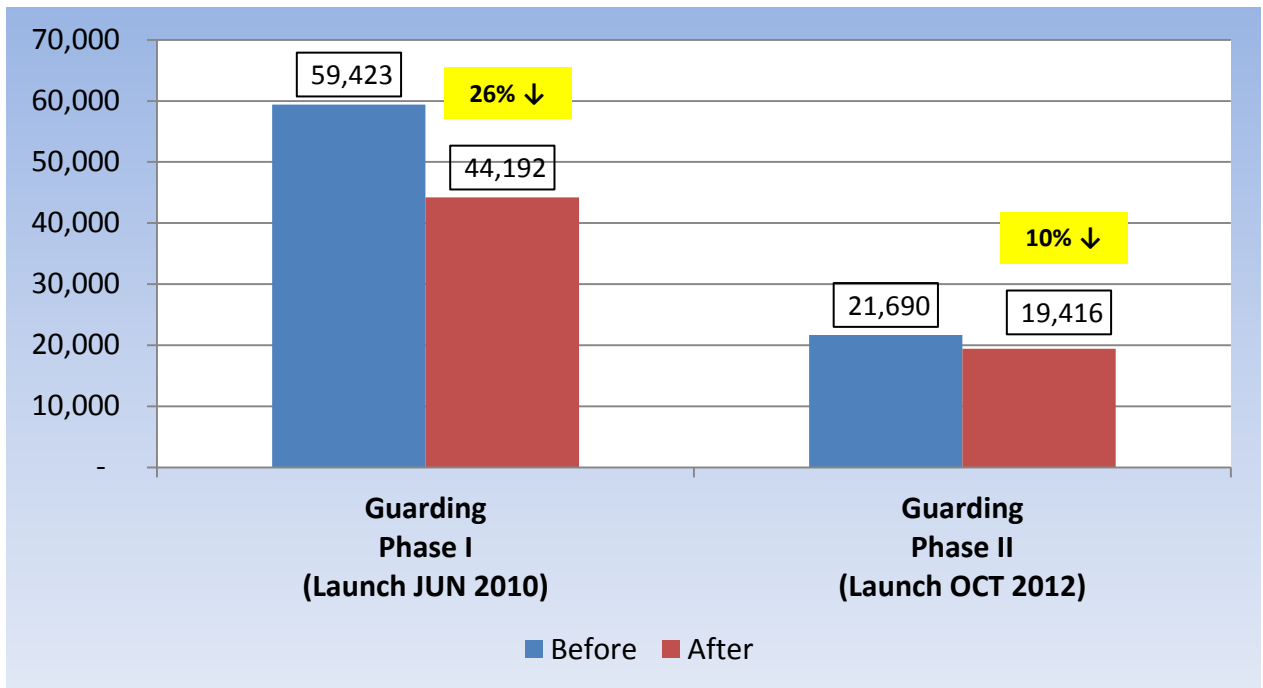
Metal and Nonmetal Safety Initiatives

Citations and Orders Issued Pre and Post Launch

(Data as of 9/30/2016)



Since the launch of the MNM guarding safety initiatives, targeted citations and orders issued has decreased by approximately 22 percent (through 9/30/16).



ANALYSIS TIMEFRAME		
Initiative	Before	After
Guarding I	2/1/2004 to 5/31/2010 (6 yrs., 3 mos.)	6/1/2010 to 9/30/2016 (6 yrs., 3 mos.)
Guarding II	10/1/2008 to 9/30/2012 (4 yrs.)	10/1/2012 to 9/30/2016 (4 yrs.)

For more info:

Guarding Phase I (2010): http://arlweb.msha.gov/Accident_Prevention/equipmentguardingconveyorbelts2010.pdf

Guarding Phase II (2012): http://arlweb.msha.gov/Accident_Prevention/guardingmachinerymnmmines.pdf