



# A Hard Look at Hard Numbers

# MSHA'S Numbers

**Table 5 - Citations and Orders Issued by Type of Action  
Metal and Nonmetal Mines -- CY 2011**

District	# 104(a) Citations Issued	# 104(a) Citations S&S	% S&S 104(a) Citations	103(k) / 103(j) Orders	104(b) Orders	104(d) Citations/Orders	104(e) Orders	104(g) Orders	107(a) Orders	Total Citations and Orders
NE	10,327	2,309	22%	21	88	98	0	156	50	10,740
SE	9,624	2,553	27%	43	84	177	0	155	94	10,177
NC	10,400	2,358	23%	6	33	97	0	81	39	10,656
SC	10,445	3,074	29%	18	48	226	0	146	44	10,927
RM	10,111	2,906	29%	26	80	243	0	163	38	10,661
WE	10,271	2,980	29%	72	34	291	0	161	54	10,883
<b>Total All Districts</b>	<b>61,178</b>	<b>16,180</b>	<b>26%</b>	<b>186</b>	<b>367</b>	<b>1,132</b>	<b>0</b>	<b>862</b>	<b>319</b>	<b>64,044</b>

\*Excludes all vacated citations and orders

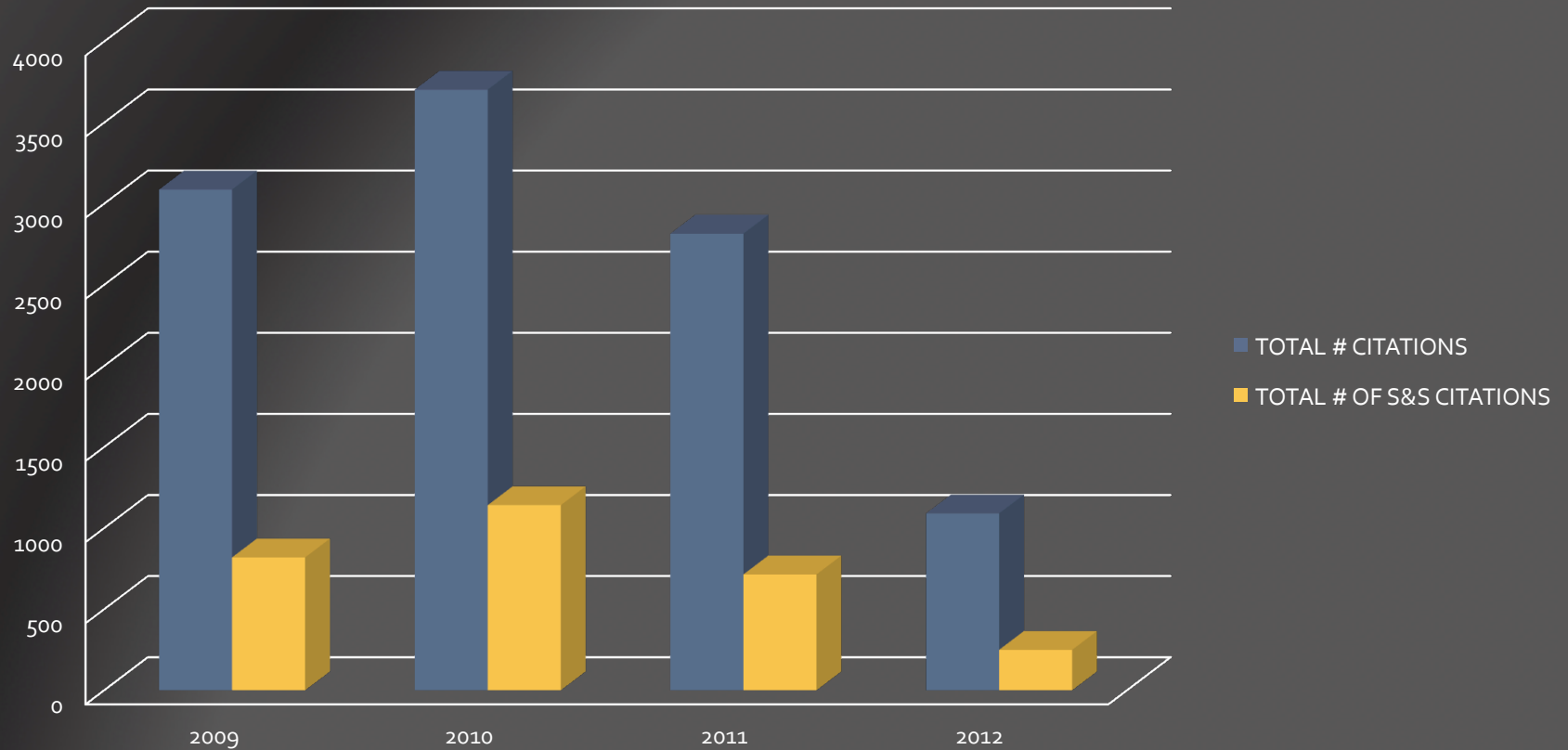
# Who We Looked at:

*2 Large Aggregate Companies &  
2 Medium Sized Aggregate Companies.*

*406 Total Sites\**

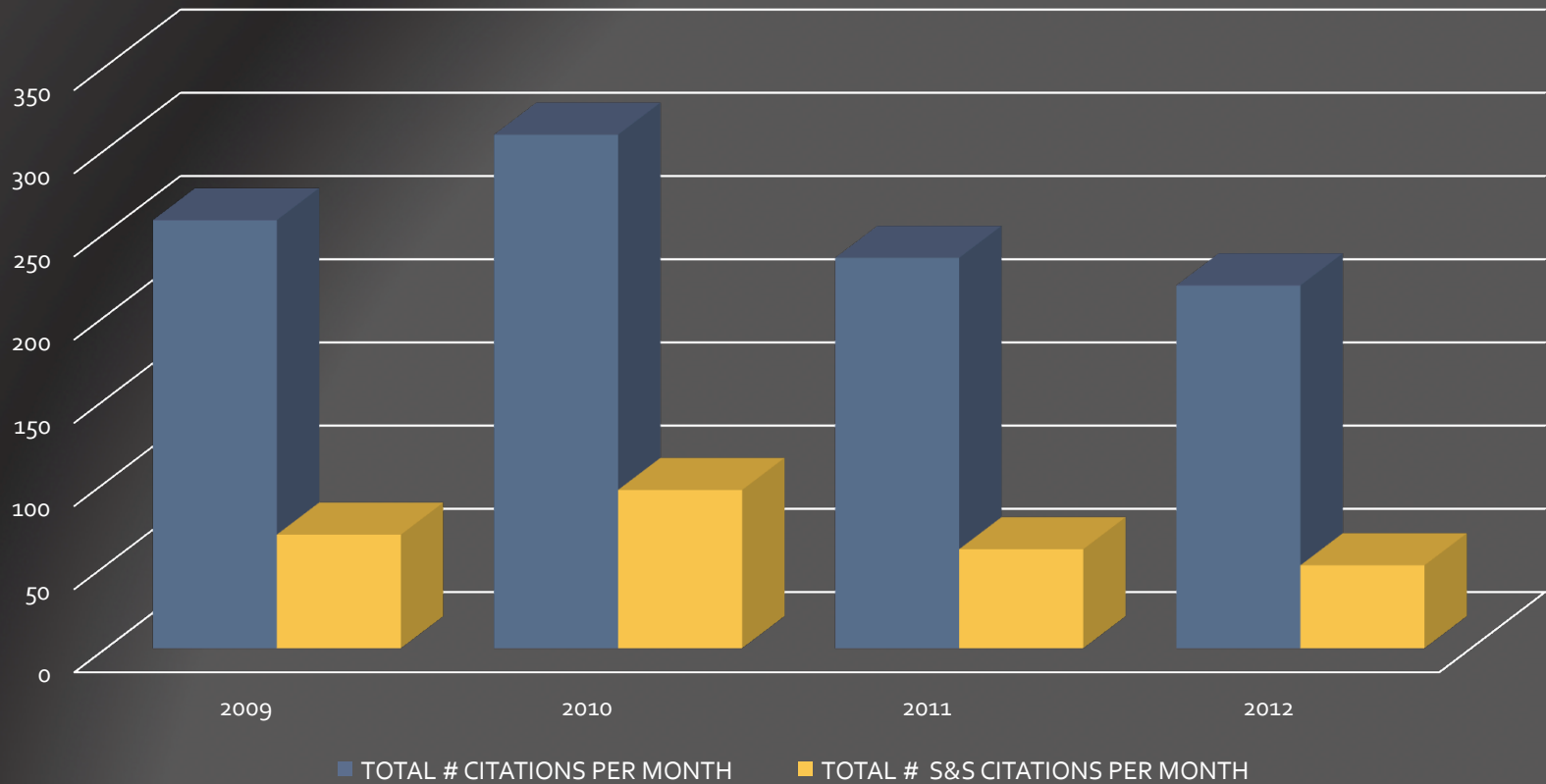
*\*some cement plants included*

# MSHA TOTAL CITATIONS AND S&S CITATIONS ANNUALLY



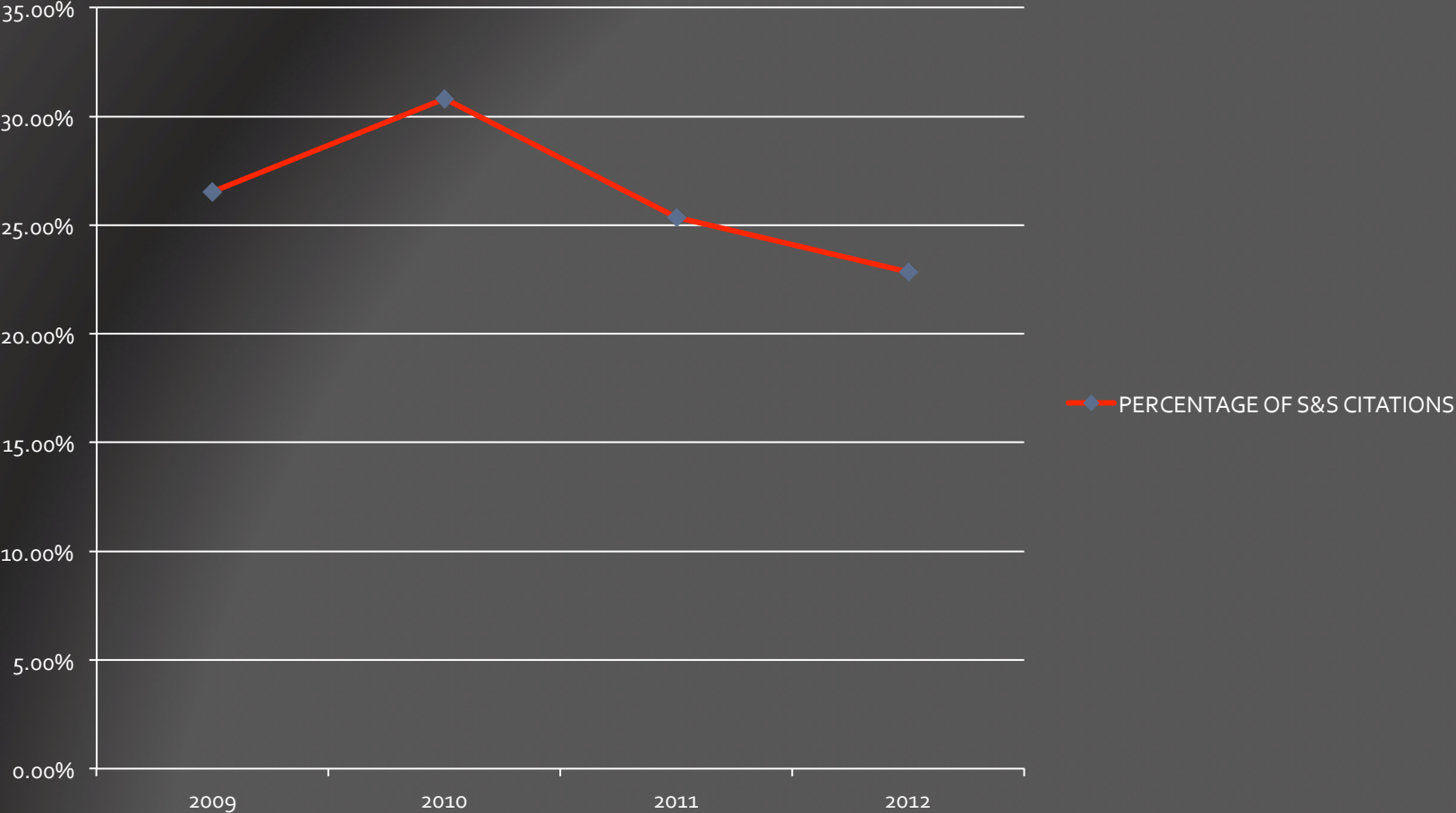
	2009	2010	2011	2012
<b>TOTAL # CITATIONS</b>	3087	3703	2815	1090
<b>TOTAL # OF S&amp;S CITATIONS</b>	819	1141	714	249

## AVERAGE CITATIONS AND S&S CITATIONS BY MONTH



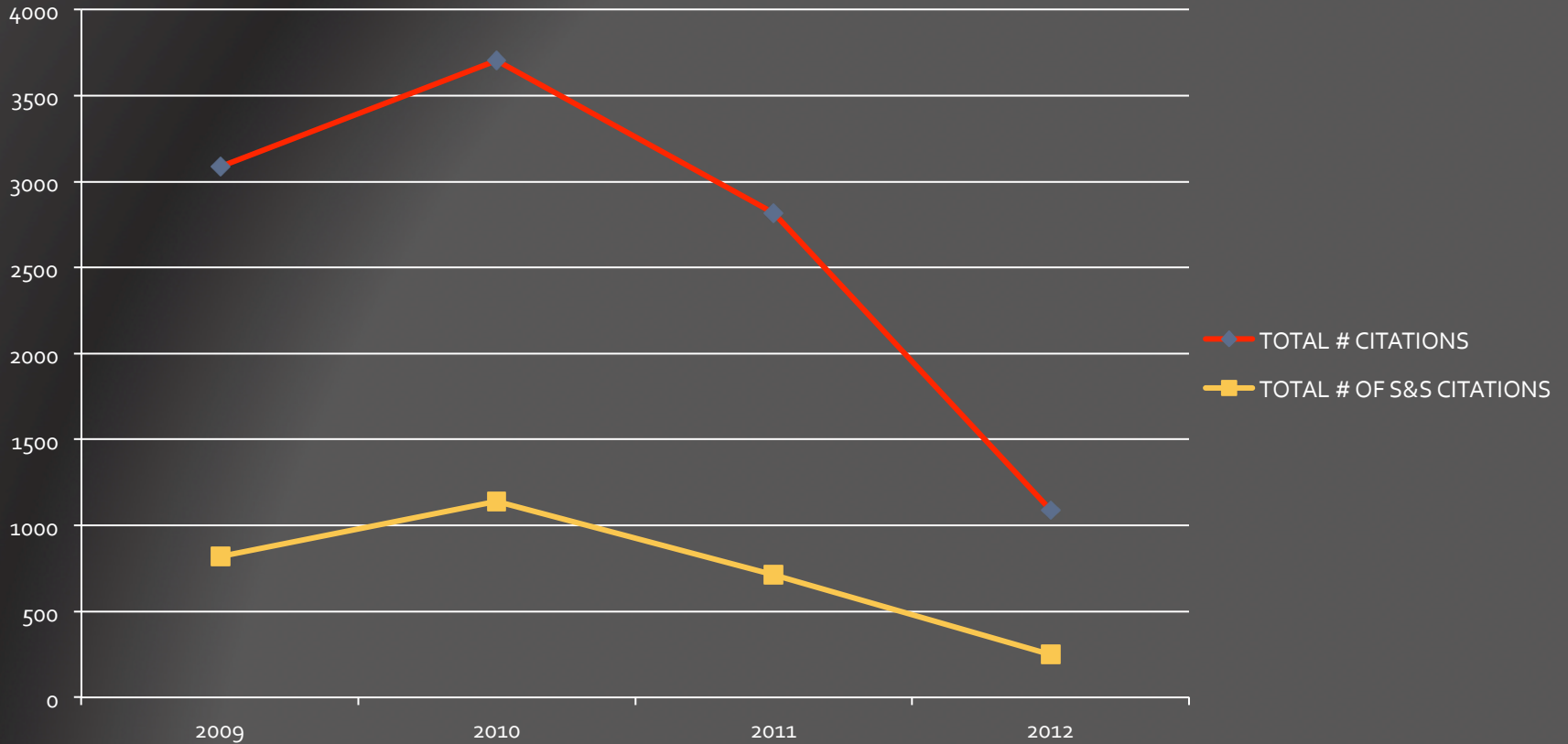
	2009	2010	2011	2012
TOTAL # CITATIONS PER MONTH	257	309	235	218
TOTAL # S&S CITATIONS PER MONTH	68	95	60	50

# PERCENTAGE OF S&S CITATIONS



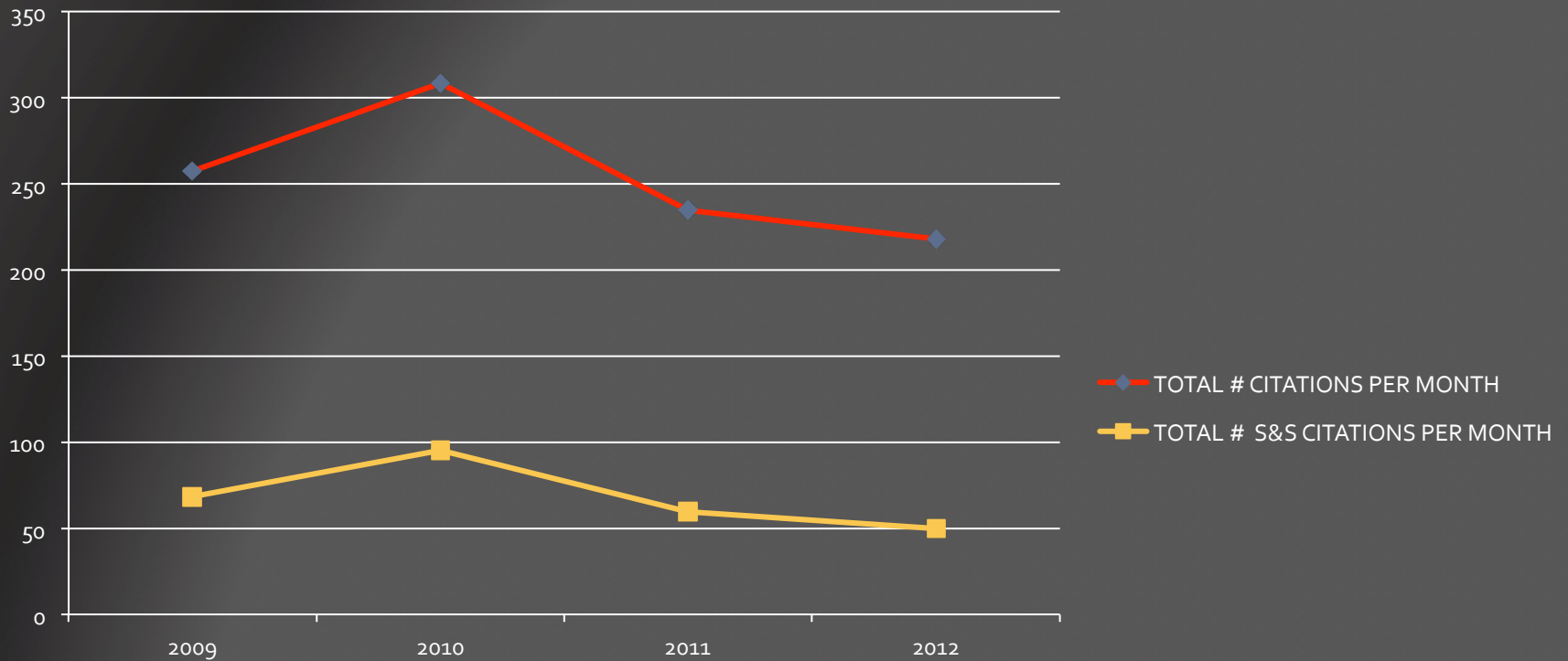
	2009	2010	2011	2012
PERCENTAGE OF S&S CITATIONS	26.53%	30.81%	25.36%	22.84%

# Total Citations & S&S Citations



	2009	2010	2011	2012
TOTAL # CITATIONS	3087	3703	2815	1090
TOTAL # OF S&S CITATIONS	819	1141	714	249

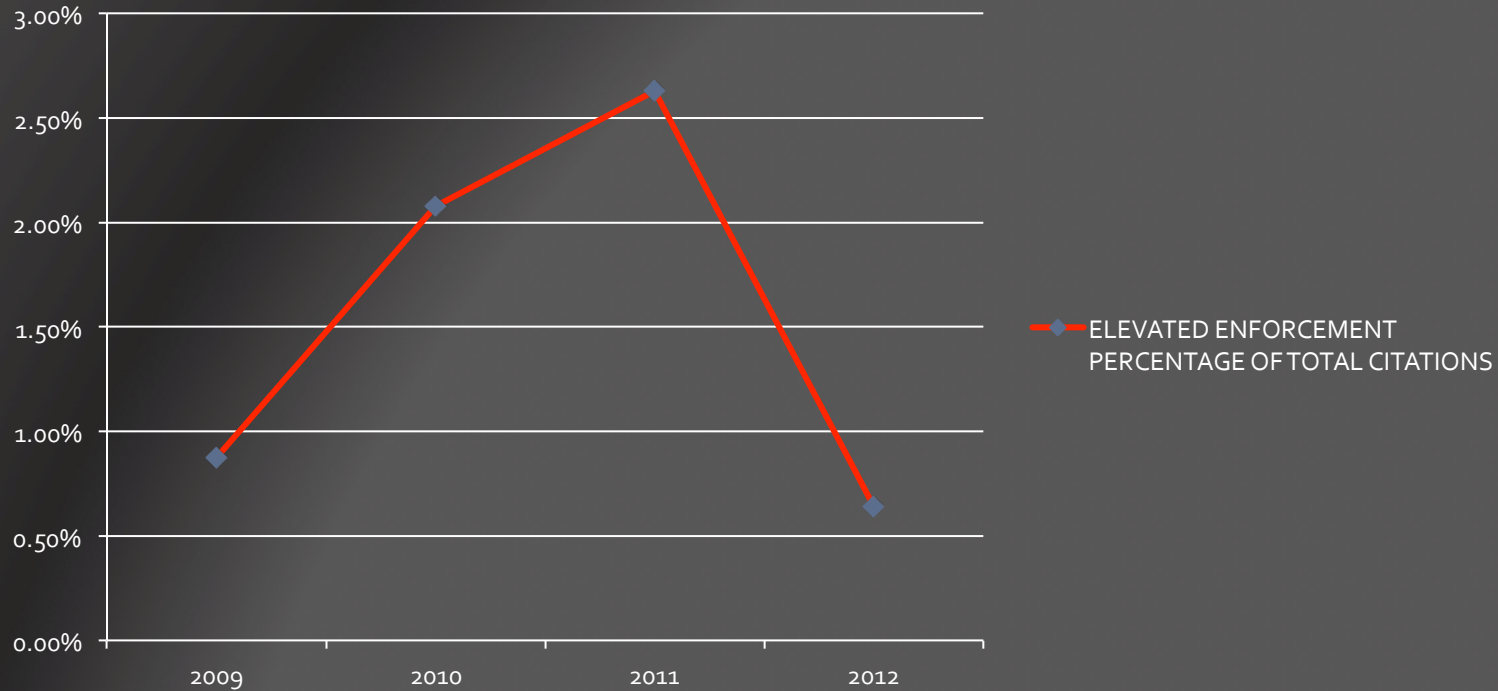
# Total Citations & S&S Citations Per Month



	2009	2010	2011	2012
TOTAL # CITATIONS PER MONTH	257	309	235	218
TOTAL # S&S CITATIONS PER MONTH	68	95	60	50



## PERCENTAGE OF ELEVATED ENFORCEMENT



	2009	2010	2011	2012
<b>ELEVATED ENFORCEMENT PERCENTAGE OF TOTAL CITATIONS</b>	0.87%	2.08%	2.63%	0.64%
<b>TOTAL # CITATIONS</b>	3087	3703	2815	1090
<b>TOTAL # CITATIONS 104 (d); 104 (b); 104 (d1) 104 (d2) 107 (a)</b>	27	77	74	7



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