

Two estimates of “benefit” margin achieved by “random” as opposed to “seniority” based layoffs

Option 1 - Cut 5%		
Total Salaries (Elem. Classroom)		\$ 74,661,971
5% Cut		\$ 3,733,099
Total Kids (assuming class size of 25)		25,950
Total Teachers		1,038
# Teachers Cut by Seniority		72
# Teachers Cut by Random		54
Difference in # of Teachers		18
% Difference (of total)		1.7%
Teachers Left after Seniority Layoff		966
Class Size after Seniority Layoff		26.86
Mean Experience of those Laid Off		13.63
Teachers Left after Random Layoff		984
Class Size after Random Layoff		26.37
Class Size Difference (benefit)		0.49
Mean Experience of those Laid Off		1.80
Option 2 - Layoff 50 Teachers		
Money "Saved" by Laying Off 50 Least Experienced		2,631,191
Money "Saved" by Laying Off 50 Random		3,530,365
Difference in Money Saved (benefit)		899,174
% of Total Salaries		1.2%

Data source: Based on 2009-10 state data on all NPS certified staff. Analysis includes those assigned to Job Code 1001, Elementary Kindergraten-8 Grade.