Estimating the Potential Effect on Competing R01 Modular Grant Applications with a Fixed Budget and a DC Cap Raised to $275K/Year

		Current $250K Modular Cap				Proposed $275K Modular Cap		
	Requested Direct Costs, First Year	FY 2004	Median DC Estimate (90%)	Estimated DC by Modular Request Level		Up 1 Module	Median DC Estimate (90%)	Estimated DC by Modular Request Level
	$25,000	3	$22,500	$67,500				
	$50,000	8	$45,000	$360,000		3	$45,000	$135,000
	$75,000	13	$67,500	$877,500		8	$67,500	$540,000
	$100,000	41	$90,000	$3,690,000		13	$90,000	$1,170,000
	$125,000	65	$112,500	$7,312,500		41	$112,500	$4,612,500
	$150,000	176	$135,000	$23,760,000		65	$135,000	$8,775,000
	$175,000	324	$157,500	$51,030,000		176	$157,500	$27,720,000
	$200,000	753	$180,000	$135,540,000		324	$180,000	$58,320,000
	$225,000	998	$202,500	$202,095,000		753	$202,500	$152,482,500
Current Modular Grant Proposal Limit	$250,000	2,530	$225,000	$569,250,000		998	$225,000	$224,550,000
	$275,000	166				2,696	$247,500	$667,260,000
	$300,000	192						
	$325,000	179						
	$350,000	166		Total Modular DC:	$993,982,500			$1,145,565,000
	$375,000	117		Average Cost:	$202,399			$233,265
	$400,000	113						
	$425,000	97		Number of Awards				
	$450,000	97		with FY 2004				
	$475,000	88		Budget Fixed:	4,911			4,261
	$500,000	220						
	Over $500K	149		Awards Lost:				***650***
	Total	6,495						

* The Median Ratio of "Awarded Direct Costs" to "Requested Direct Costs", historically, is about 90%. That is, half of the awards get less than 90% of what was requested while half get more than 90% of what was requested. The median was chosen to simplify calculations and to be most representative.