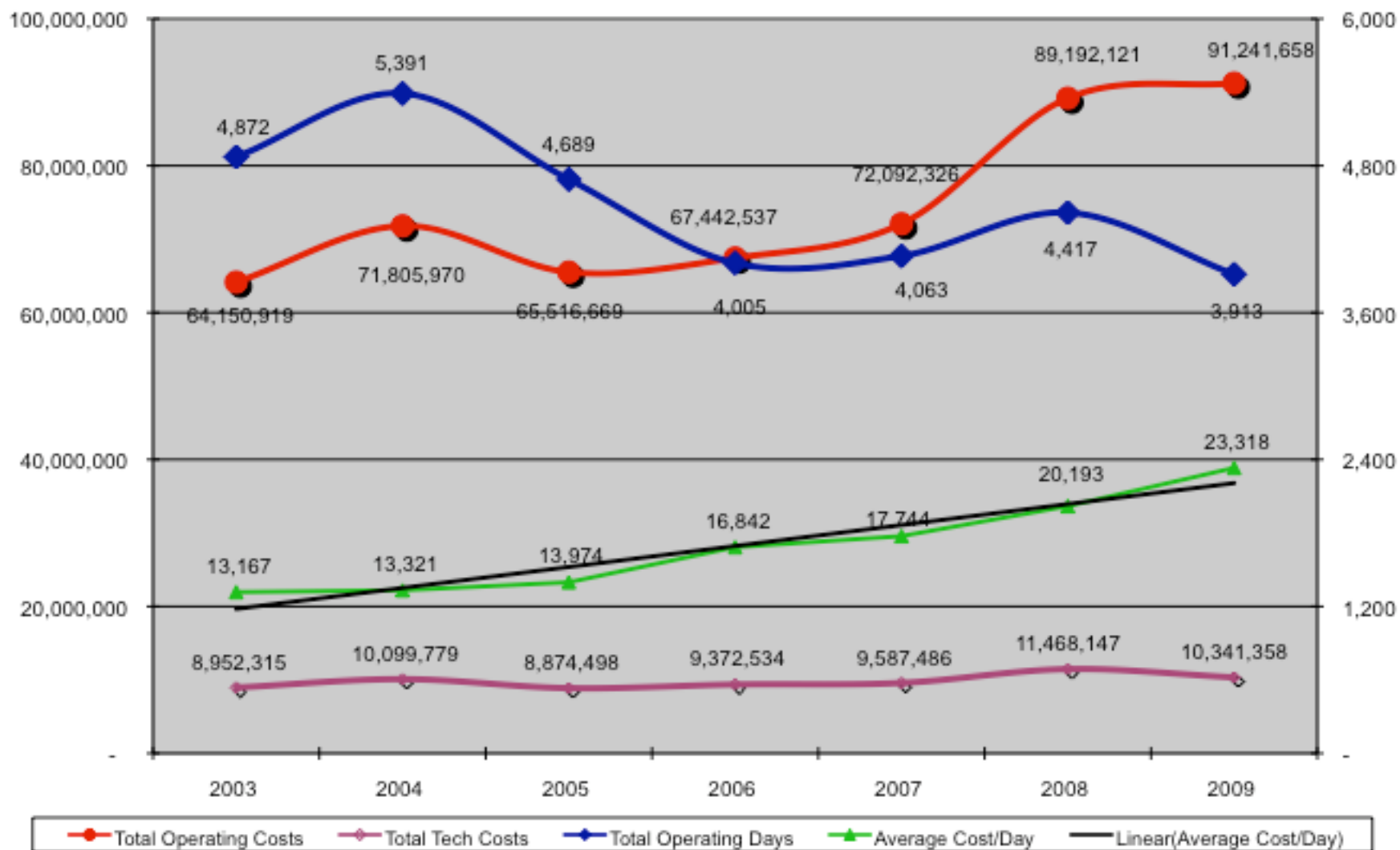


2009 Scheduling Status

October 2, 2008

2003 - 2009 UNOLS Fleet Operating Days and Costs

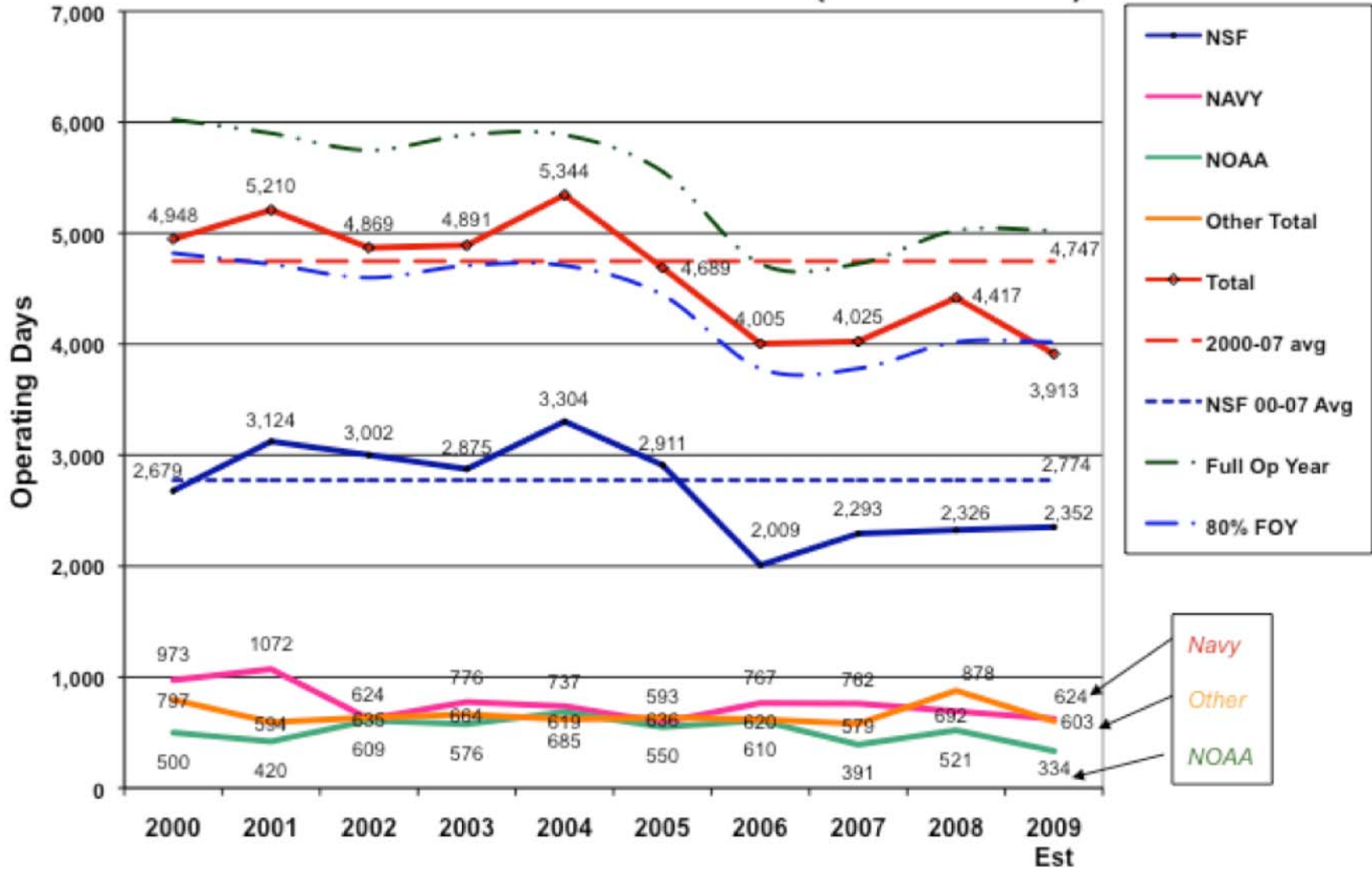
(ship operations costs and tech costs)



Why the Big Change in Cost? And the Reduction in Days?

- Lack of work from “Other” and NOAA in 2009 compared to 2008, creates higher day rates for other NSF and Navy and the potential need to lay up ships.
- Higher percentage of 2009 cruises on Large vessels compared to 2008 increases the average cost per day of the fleet.
- Higher fuel costs, which impact large vessels more (50¢/gal change = \$1,250 per day change in day rate for Global Ships)
- Other inflationary costs for personnel, maintenance, regulatory compliance, etc.

UNOLS Fleet Utilization (2000 - 2009)

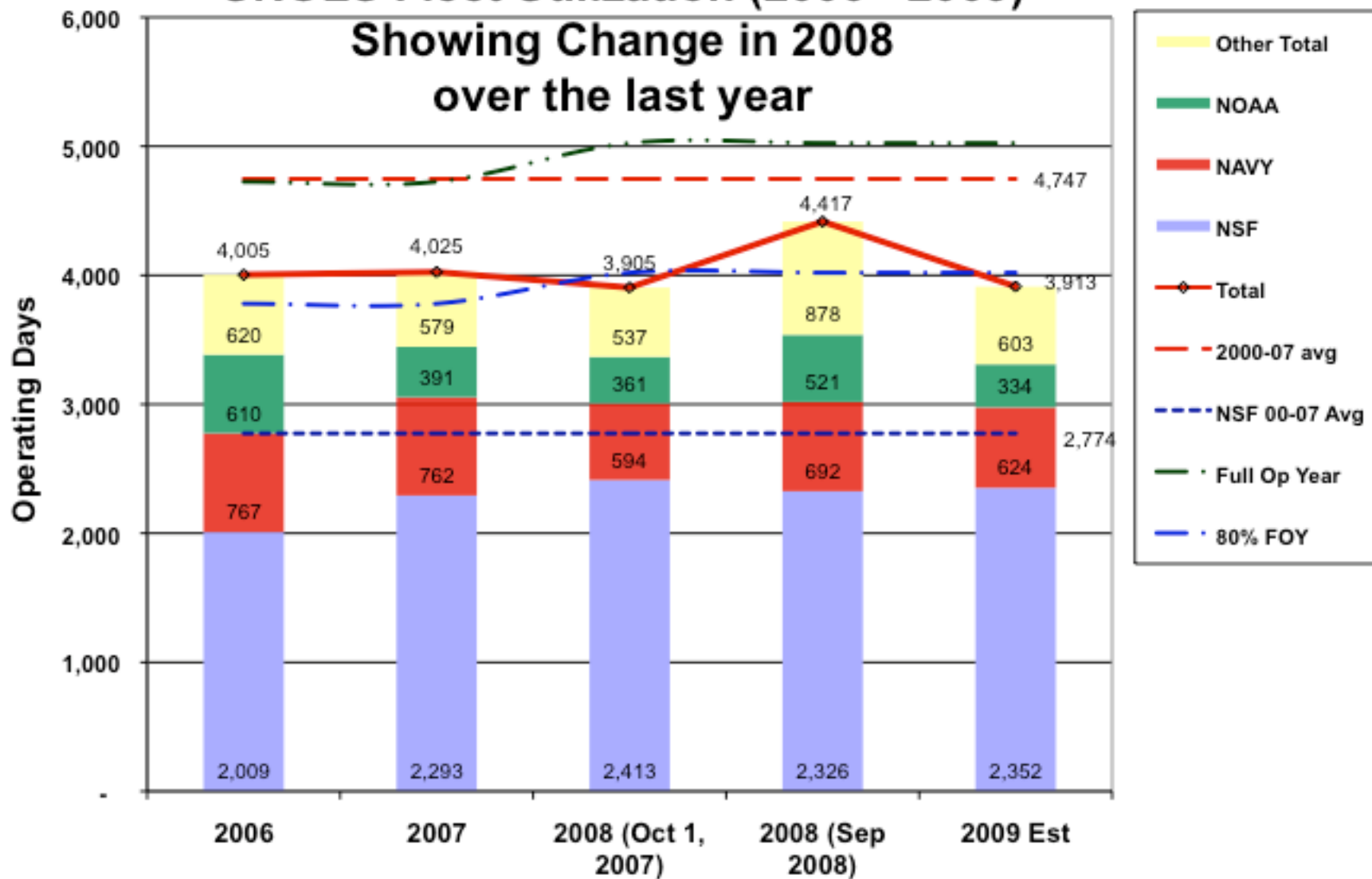


Will things get better like they did last year?

- Next two charts show 2008 days and costs as of Oct. 1, 2008 compared to those days and costs for 2008 now and for 2009.
- Between then and now a significant amount of Private and Institutional work was added to the schedules along with some additional Navy work.
 - Waite Institute - Seward Johnson
 - Survey work - Walton Smith
 - N.J. Wind farm work - Sharp
 - Scallop Survey – Sharp
 - Survey work - Kilo Moana
- Only such work on the horizon for 2009 at the moment is the Walton Smith survey work, other survey work on Kilo Moana and perhaps some additional wind farm work.

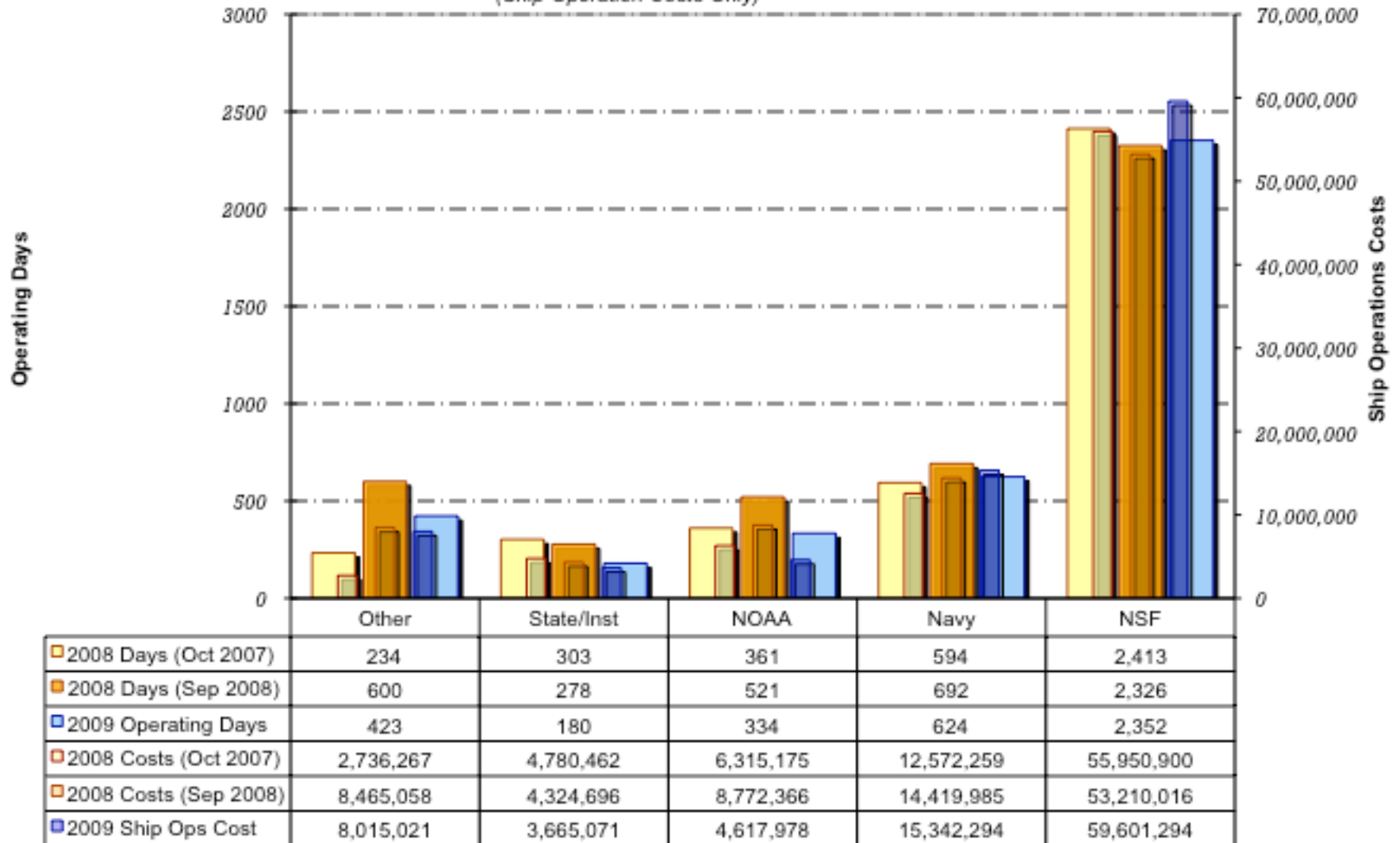
UNOLS Fleet Utilization (2006 - 2009)

Showing Change in 2008 over the last year



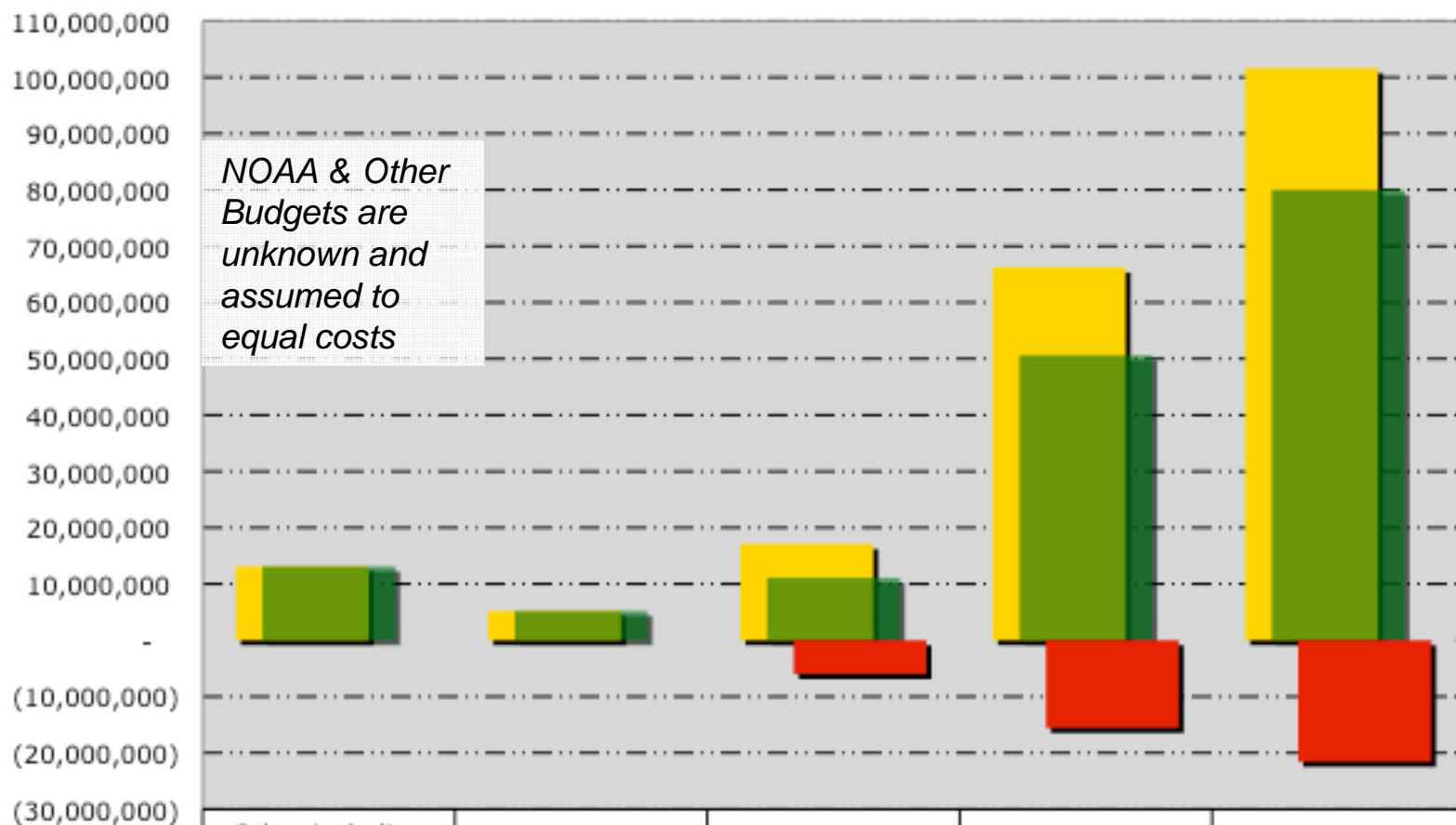
2008 & 2009 Operating Days and Estimated Cost by Agency

(Ship Operation Costs Only)



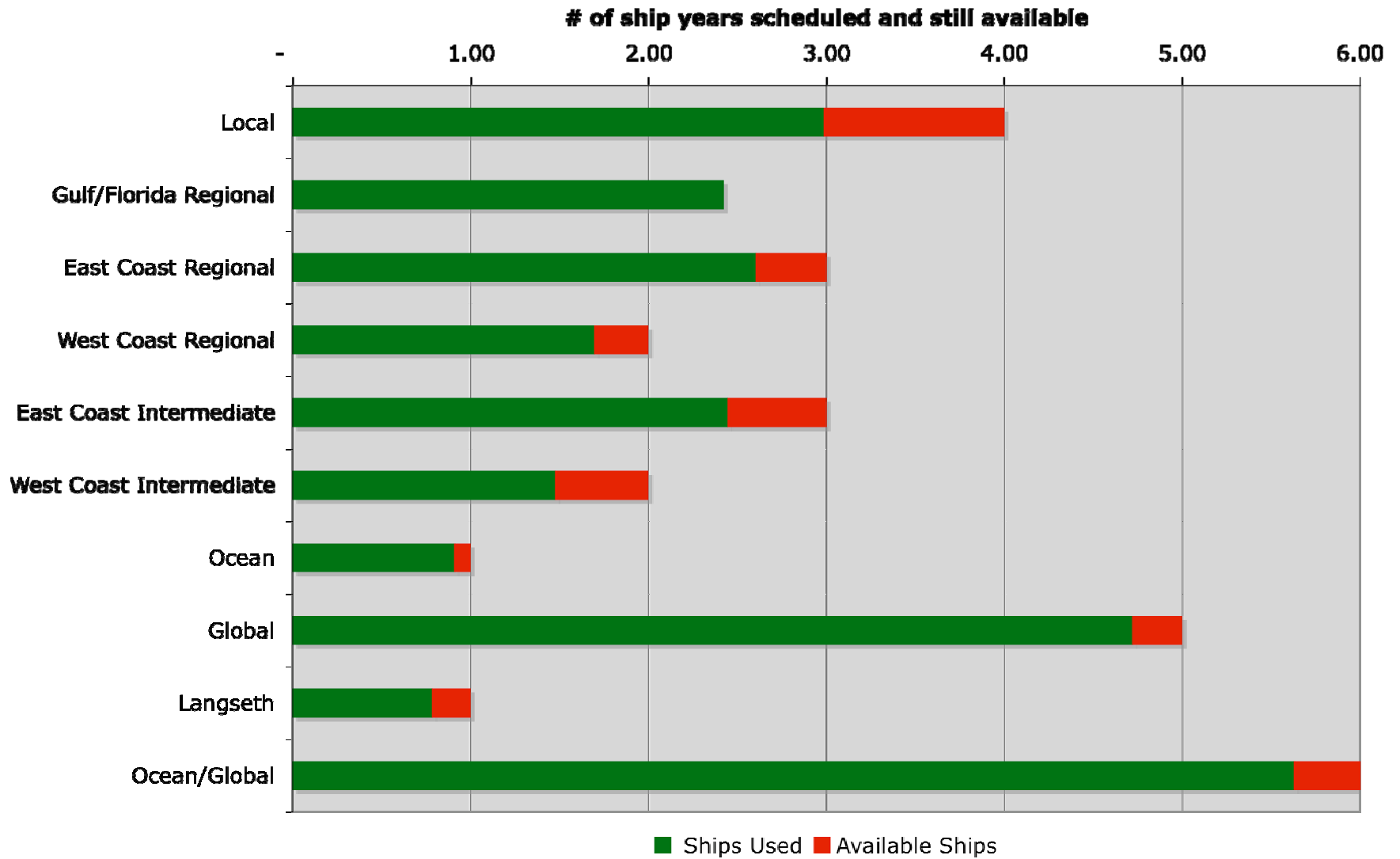
For 2008 between early October 2007 and now, NSF days and costs went down, and there was substantial increase in Other work, NOAA work and Navy work. For 2009, All sources are down in terms of number of days. Navy and NSF days have not changed that much, but costs are much higher.

2009 Projections of Costs & Budgets (Ship Operations and Technican Costs)



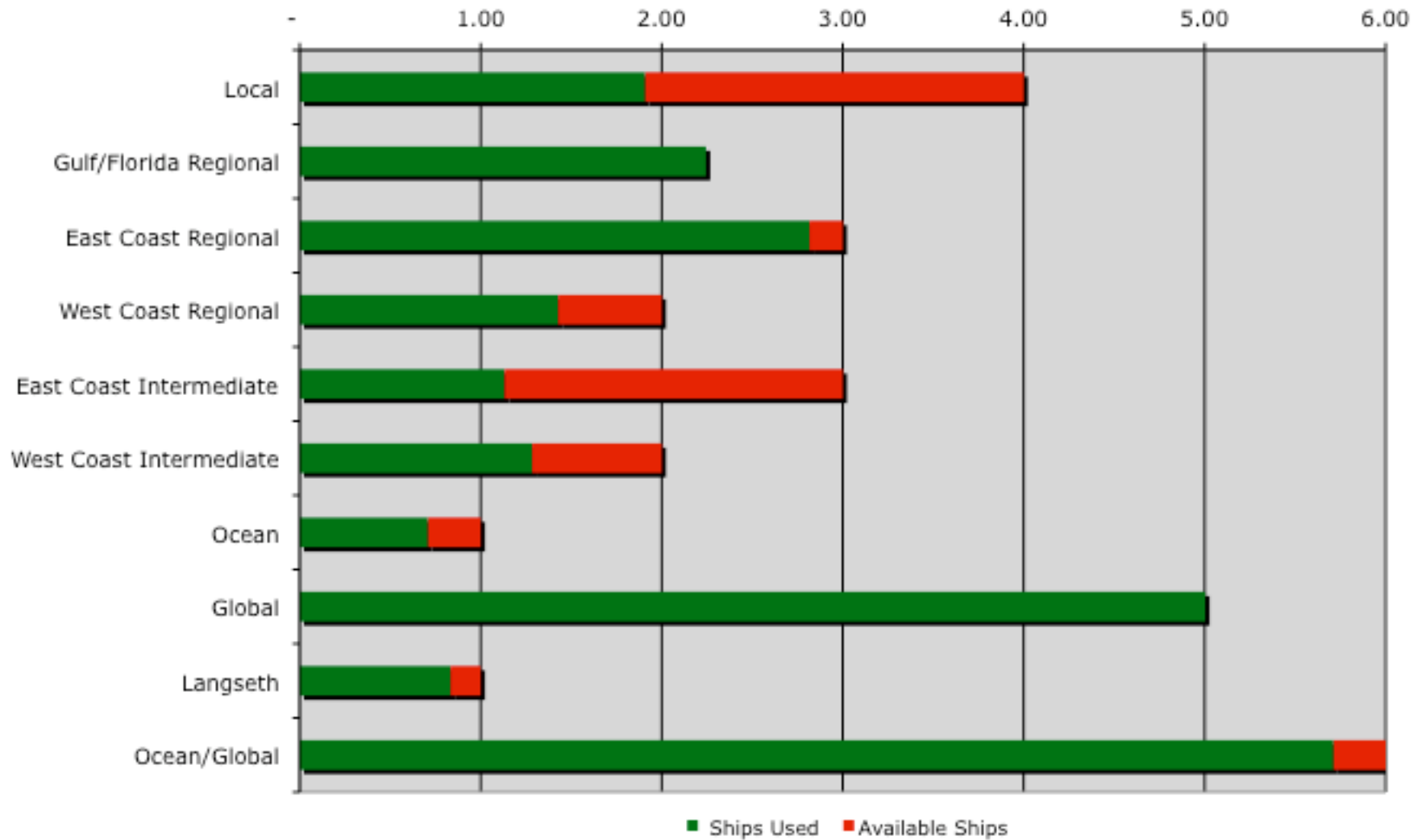
	Other Including Inst/State	NOAA	Navy	NSF	Total Fleet
2009 Ship and Tech Costs	13,105,976	5,208,307	17,085,960	66,182,773	101,583,016
Estimated Budget	13,105,976	5,208,307	11,078,432	50,591,929	79,984,644
Budget Differential	-	-	(6,007,528)	(15,590,844)	(21,598,372)

2008 Ship Utilization by Class/Region

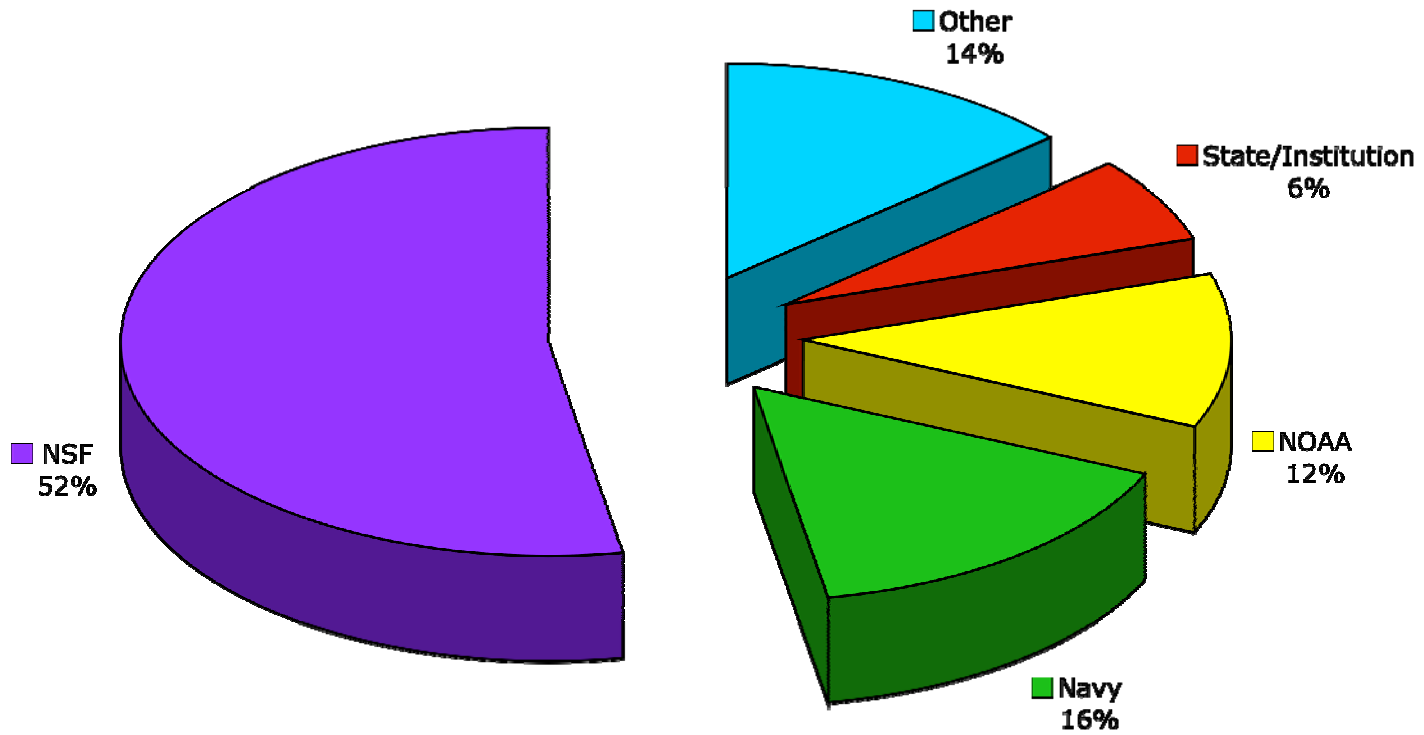


2009 Ship Utilization by Class/Region

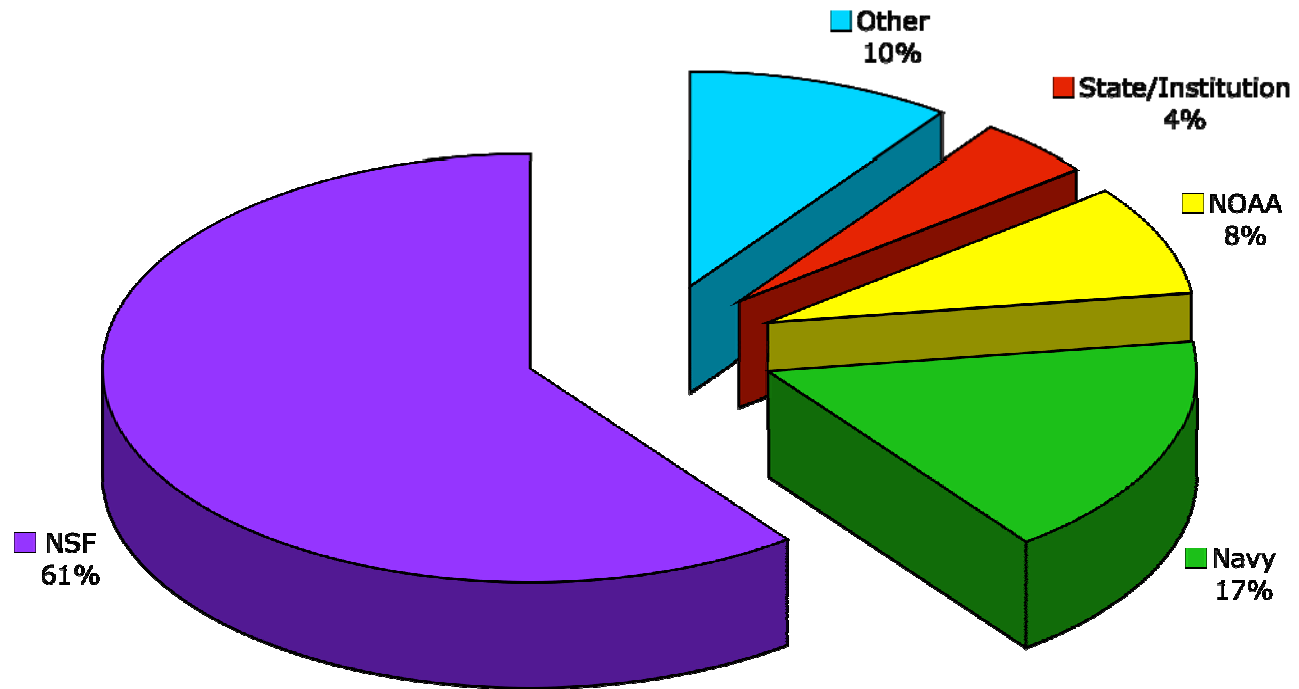
of ship years scheduled and still available



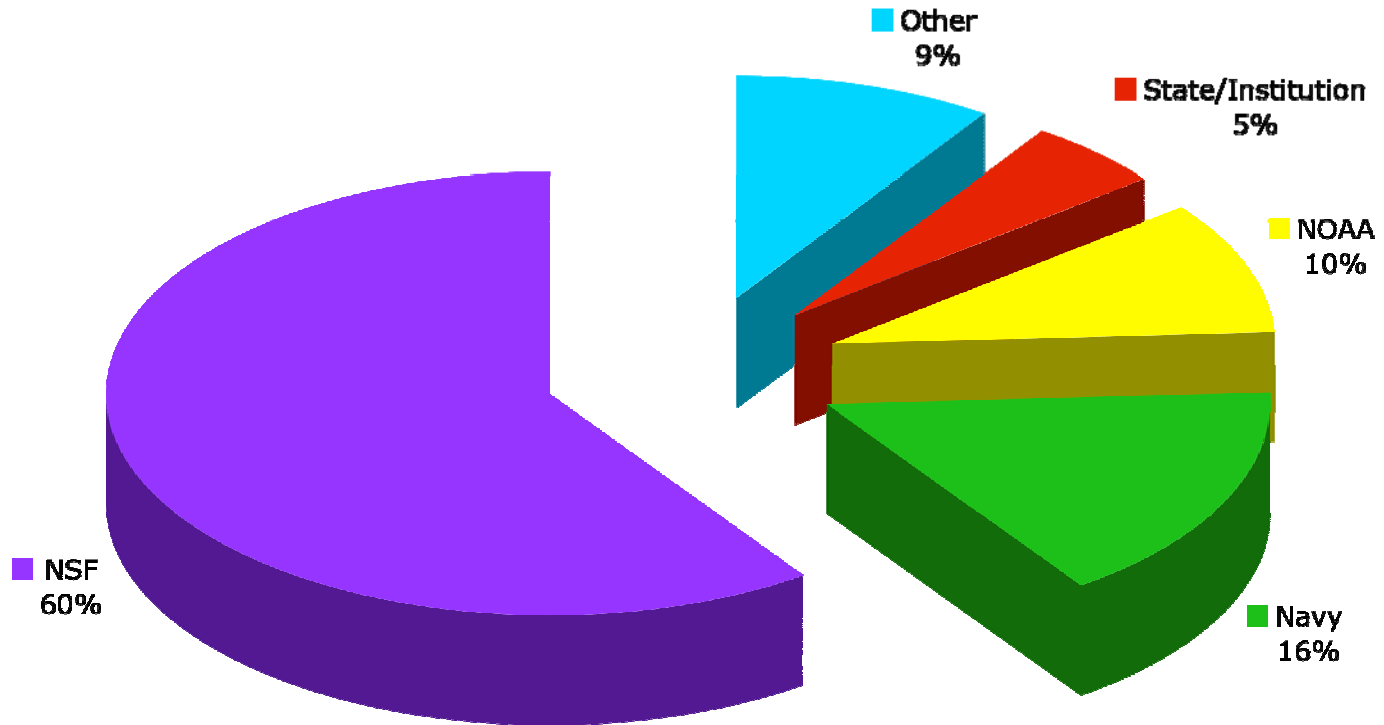
Percent of 2008 Op Days by Agency



Percent of 2009 Op Days by Agency



2008 Percent of Operating Costs by Agency



2009 Percent of Operating Costs by Agency

