
**NIMITZ-CLASS AIRCRAFT CARRIER OPERATING AND
SUPPORT COSTS**

This appendix presents charts (Figures J.1 through J.20) showing Operating and Support (O&S) costs for Nimitz-class aircraft carriers. The data are taken from the Visibility and Management of Operating and Support Costs (VAMOSC) database. All costs shown here are in FY98 dollars. The VAMOSC database available at the time of this study covered FY 1978 through FY 1995, a time window that covers different portions of the lives of the individual Nimitz-class ships. Table J.1 shows the correspondence between fiscal year and ship age, by hull number. There are two sets of charts, one for top-line VAMOSC cost categories broken down by each of four costs for all ships and by all four costs for each ship, and one set for the four depot maintenance costs, broken down in the same way as the first set.

The first set of four charts (Figures J.1 through J.4) presents the four top-line VAMOSC cost categories for all the Nimitz-class ships: Annual Direct Unit Costs, Annual Direct Intermediate Maintenance Costs, Annual Direct Depot Maintenance Costs, and Annual Indirect O&S Costs. The next six charts (Figures J.5 through J.10) show the above four cost categories for each Nimitz-class ship and are plotted against the same *y*-axis scale to facilitate comparisons across ships. For all charts, the *x*-axis covers ship life from 1 to 20 years.

Table J.1
Ages of Nimitz-Class Ships for Period Covered
by VAMOSC Database

Hull No.	Name	Age in FY78	Age in FY95
CVN 68	<i>Nimitz</i>	3	20
CVN 69	<i>Eisenhower</i>	1	18
CVN 70	<i>Carl Vinson</i>		13
CVN 71	<i>Theodore Roosevelt</i>		8
CVN 72	<i>Abraham Lincoln</i>		5
CVN 73	<i>George Washington</i>		3

The third set of charts (Figures J.11 through J.14) shows the four categories of depot maintenance costs: Annual Scheduled Ship Overhaul Costs, Annual Non-Scheduled Ship Repair Costs, Annual Fleet Modernization Costs, and Annual Other Depot Costs. The term “annual” in these categories is particularly important, because the availabilities referred to in the main text of this report frequently spread over two and sometimes more fiscal years. Hence, the costs shown in VAMOSOC for any given year may not equal the cost of a given availability. Again, these four charts are followed by six charts (Figures J.15 through J.20), broken down by each ship for all four costs, against the same y-axis scale for comparison.

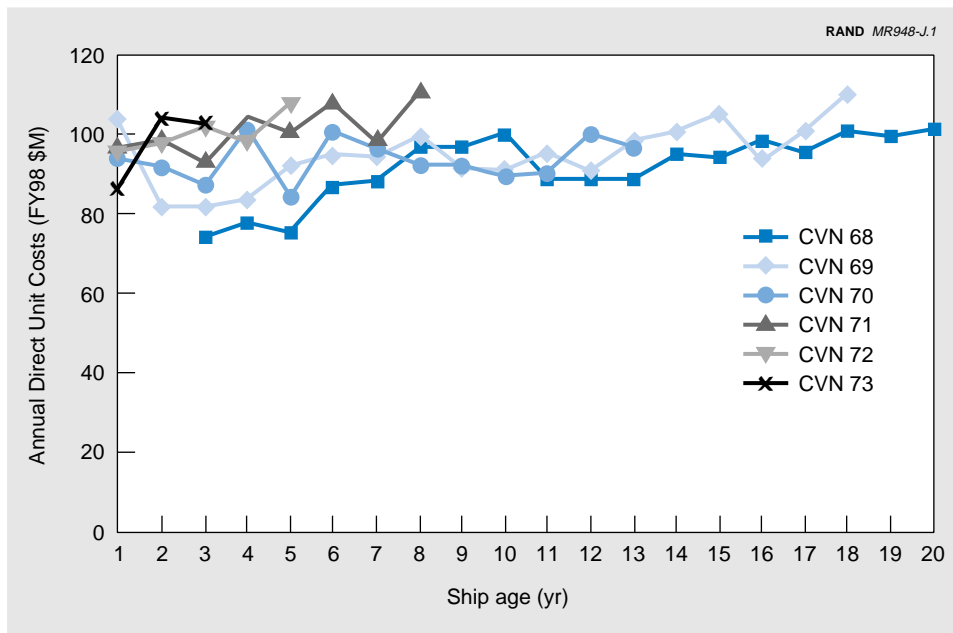


Figure J.1—Annual Direct Unit Costs for Each Nimitz-Class Ship, by Hull Number by Age

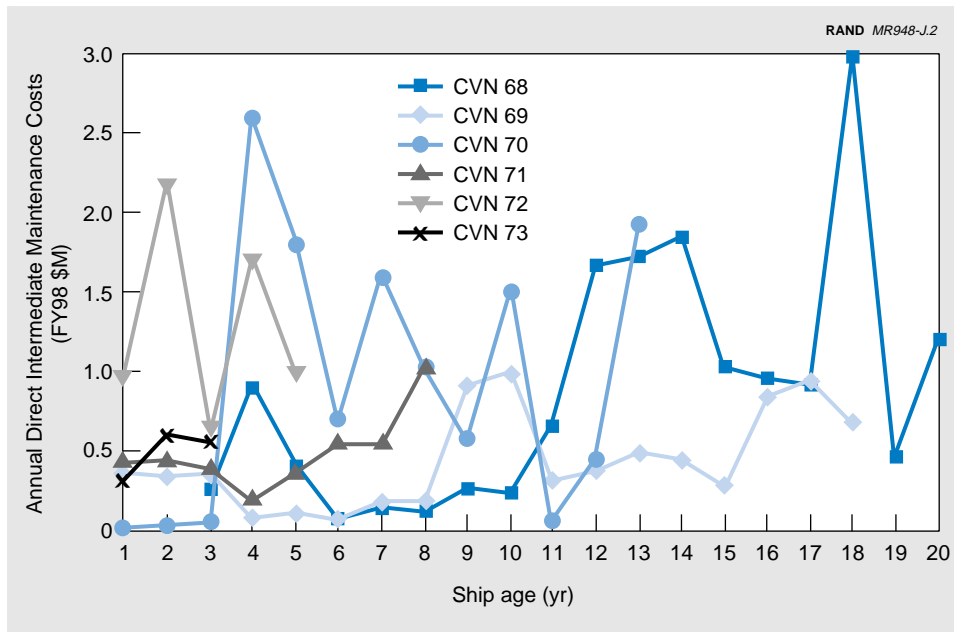


Figure J.2—Annual Direct Intermediate Maintenance Costs for Each Nimitz-Class Ship, by Hull Number by Age

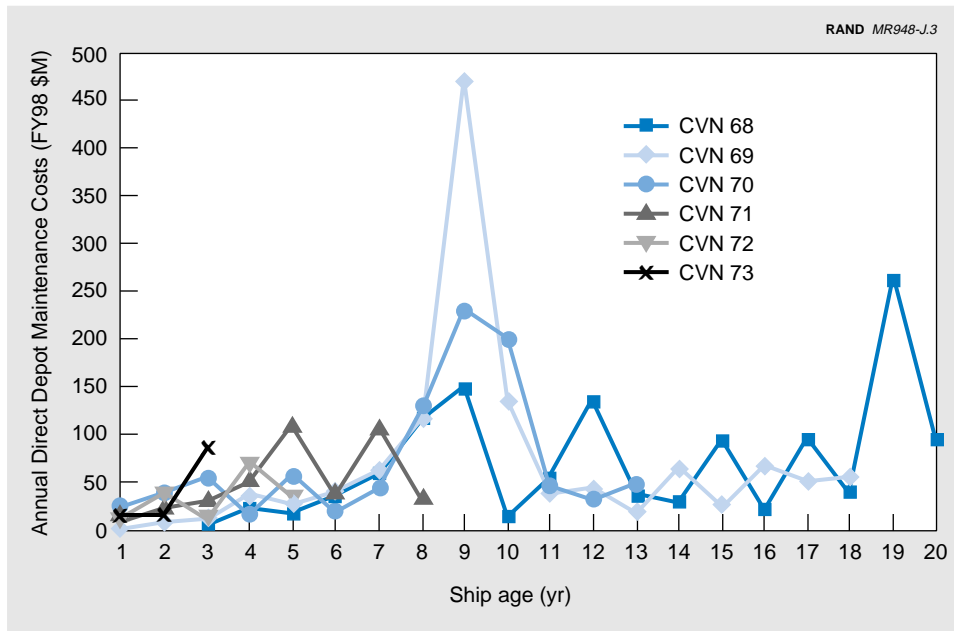


Figure J.3—Annual Direct Depot Maintenance Costs for Each Nimitz-Class Ship, by Hull Number by Age

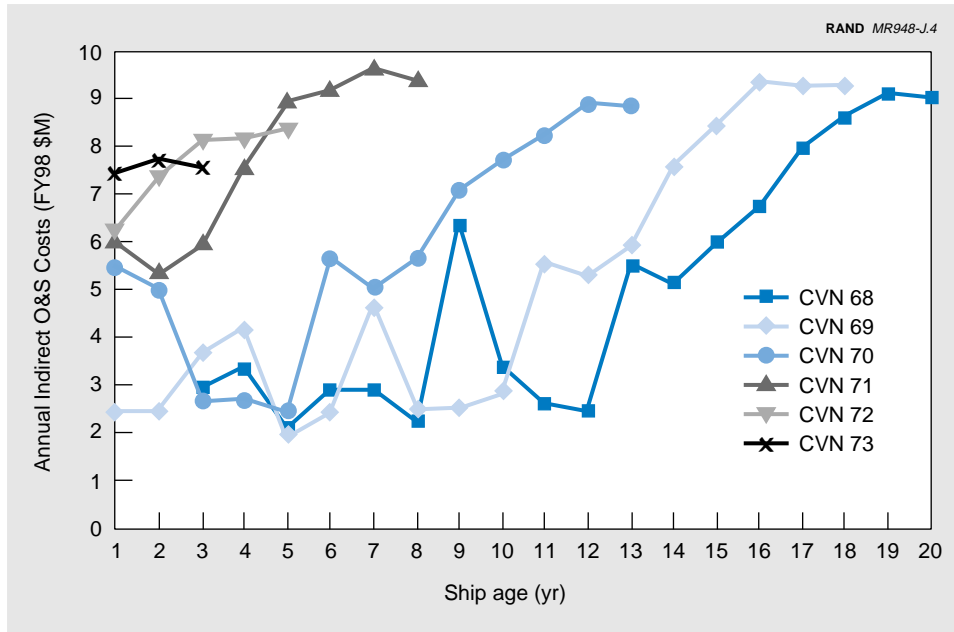


Figure J.4—Annual Indirect O&S Costs for Each Nimitz-Class Ship, by Hull Number by Age

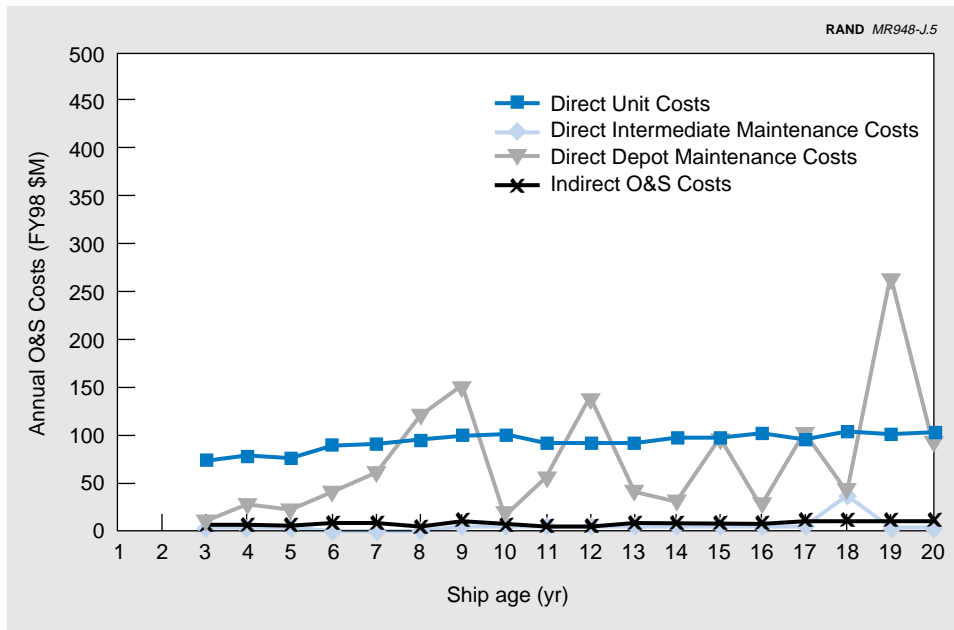


Figure J.5—Annual O&S Costs for CVN 68, by Cost Category by Age

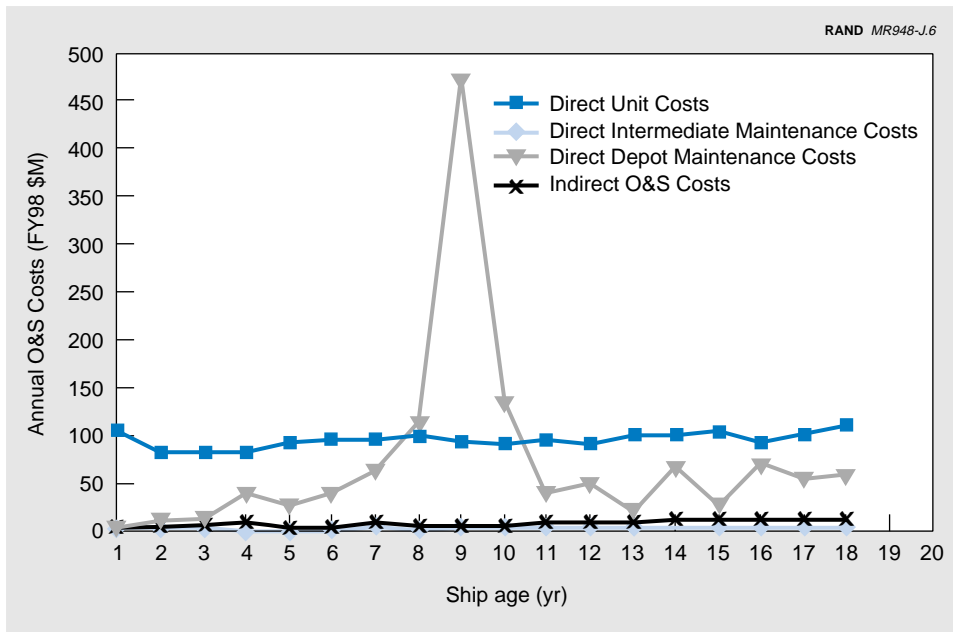


Figure J.6—Annual O&S Costs for CVN 69, by Cost Category by Age

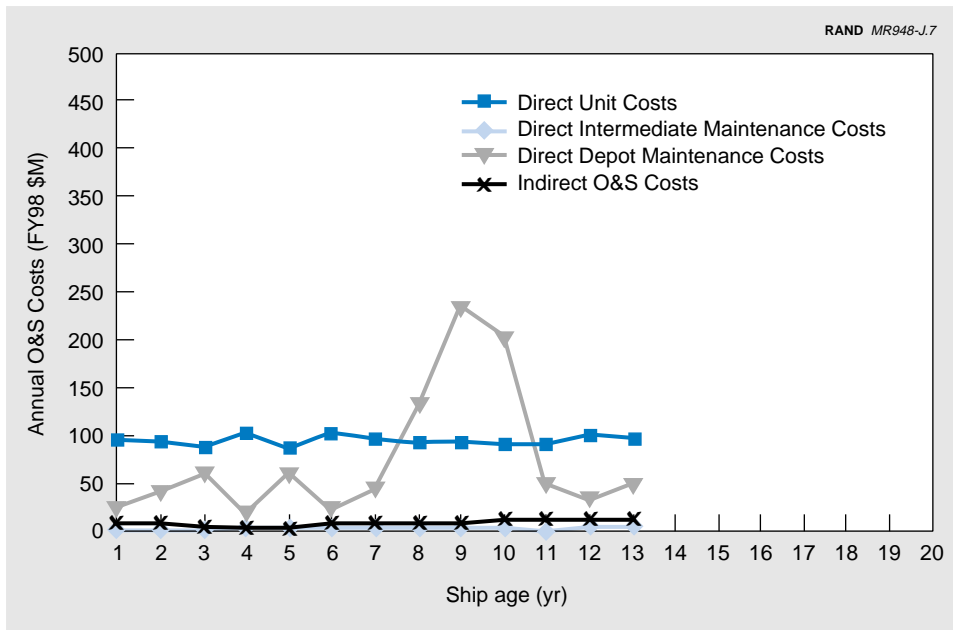


Figure J.7—Annual O&S Costs for CVN 70, by Cost Category by Age

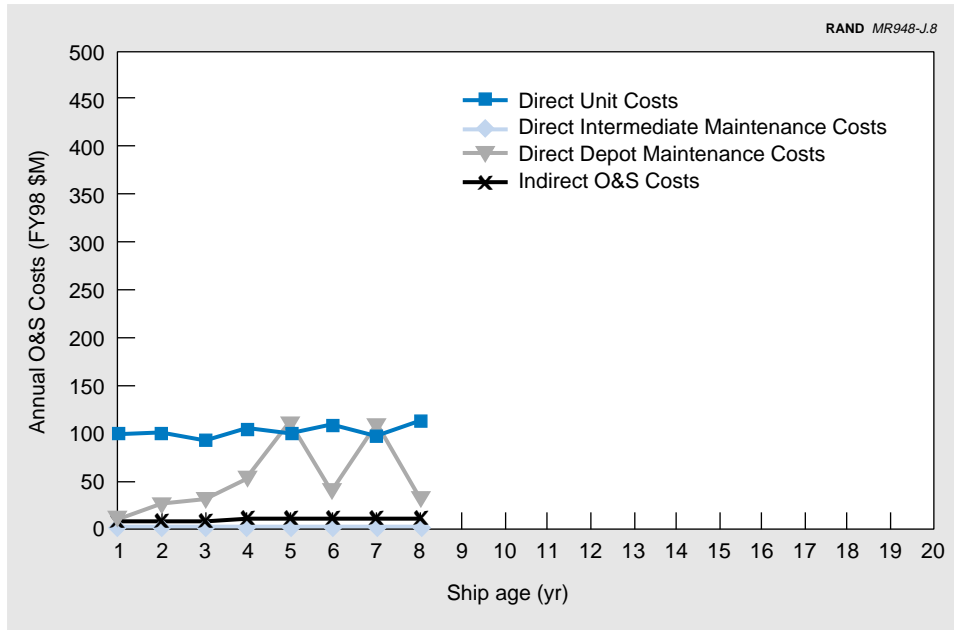


Figure J.8—Annual O&S Costs for CVN 71, by Cost Category by Age

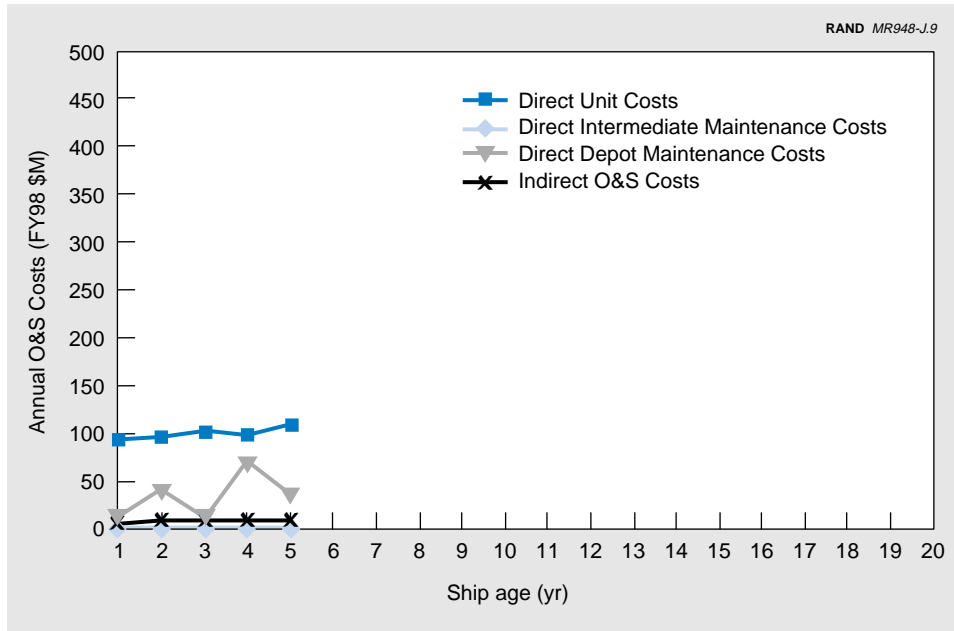


Figure J.9—Annual O&S Costs for CVN 72, by Cost Category by Age

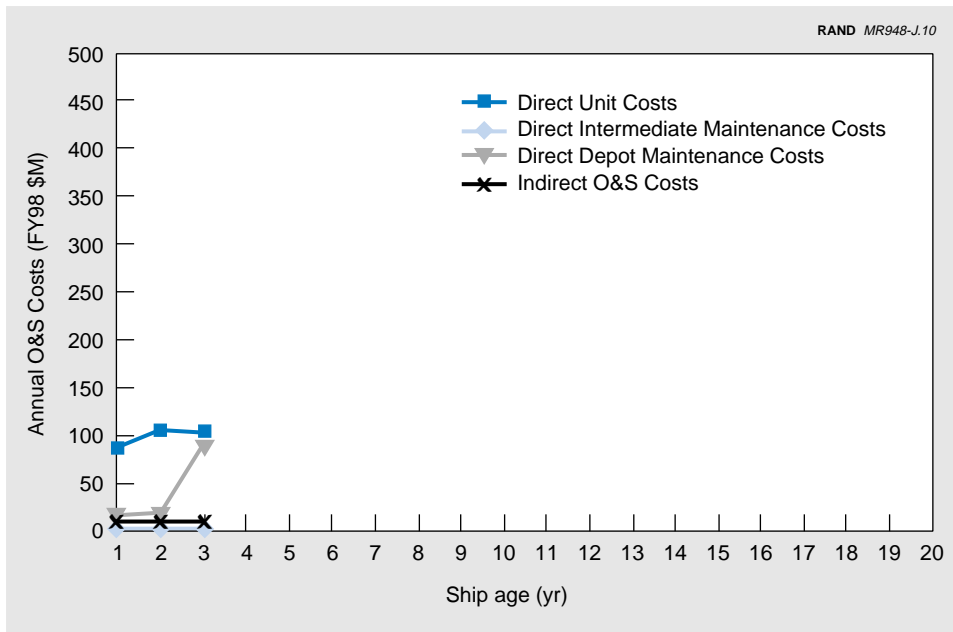


Figure J.10—Annual O&S Costs for CVN 73, by Cost Category by Age

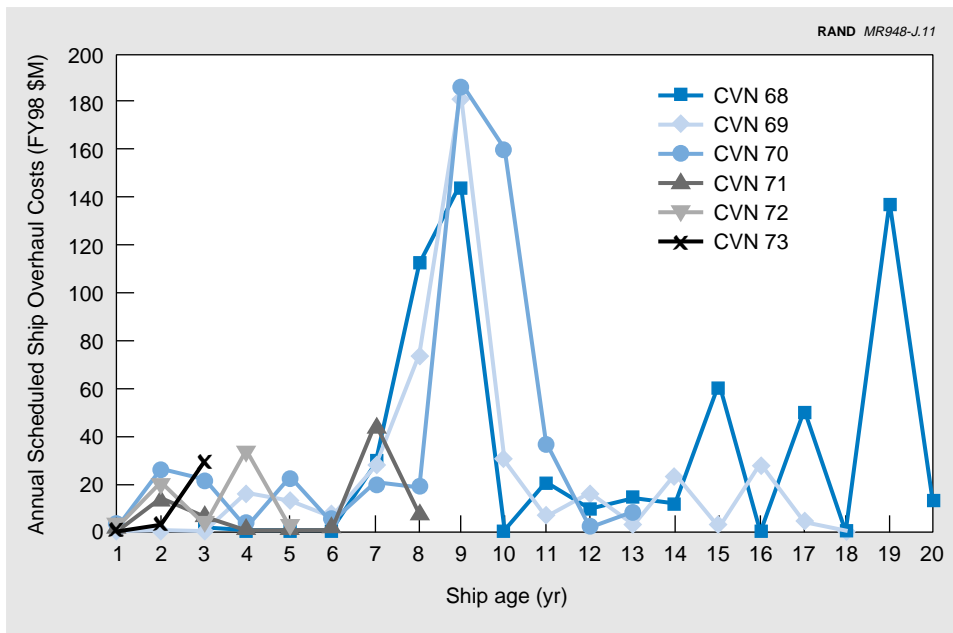


Figure J.11—Annual Scheduled Ship Overhaul Costs, by Hull Number by Age

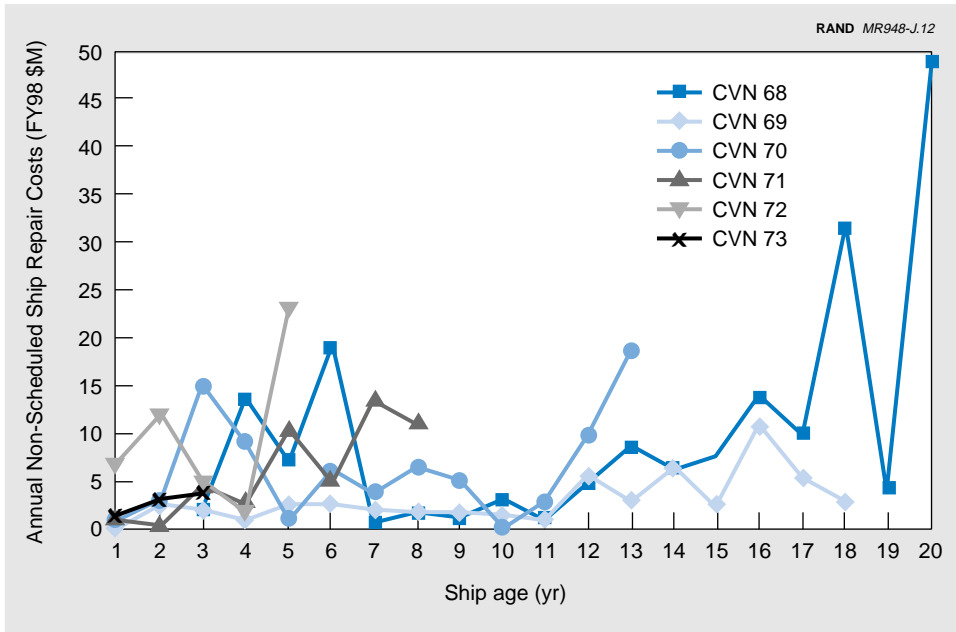


Figure J.12—Annual Non-Scheduled Ship Repair Costs, by Hull Number by Age

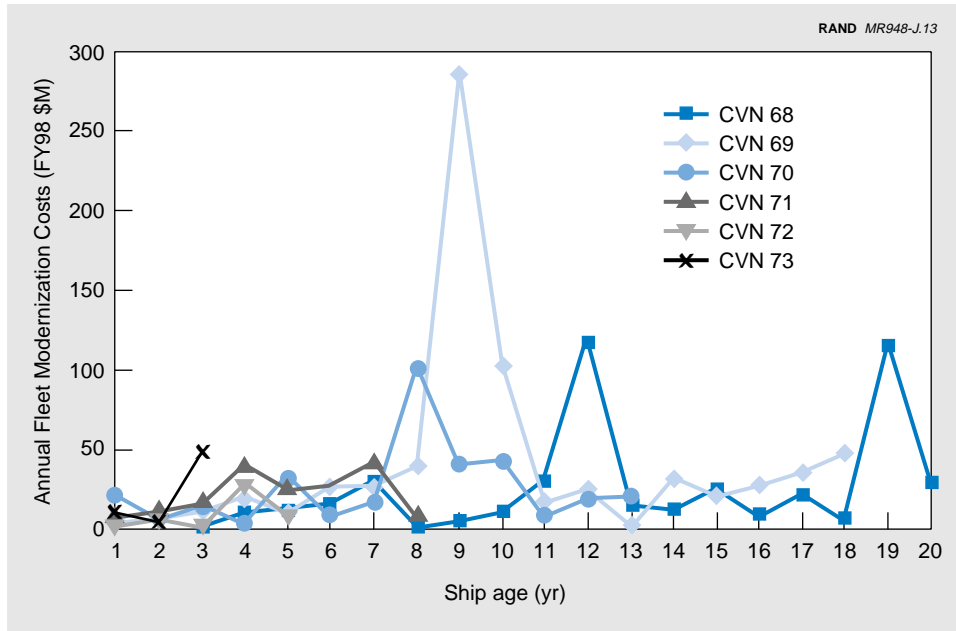


Figure J.13—Annual Fleet Modernization Costs, by Hull Number by Age

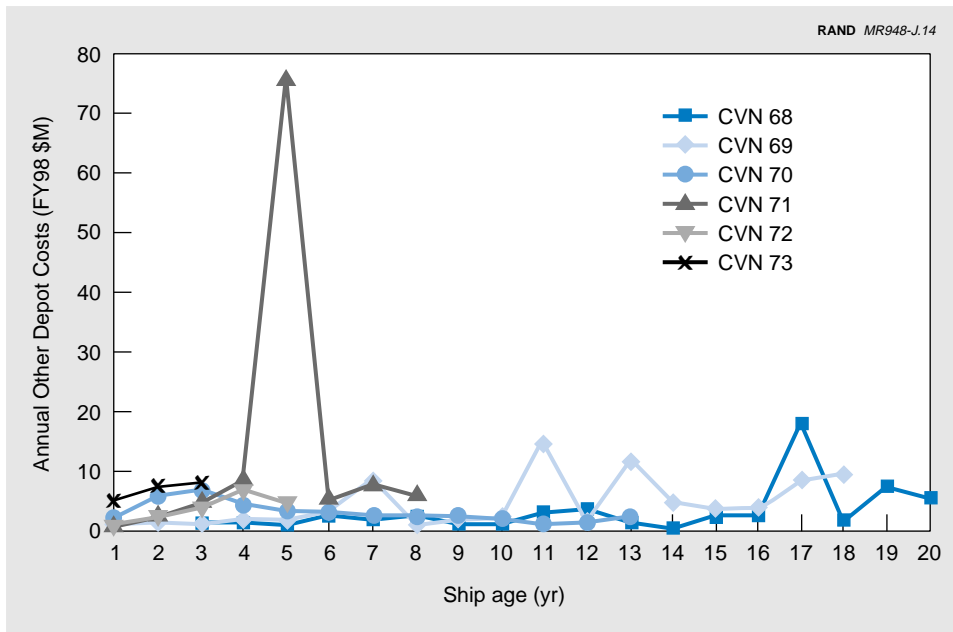


Figure J.14—Annual Other Depot Costs, by Hull Number by Age

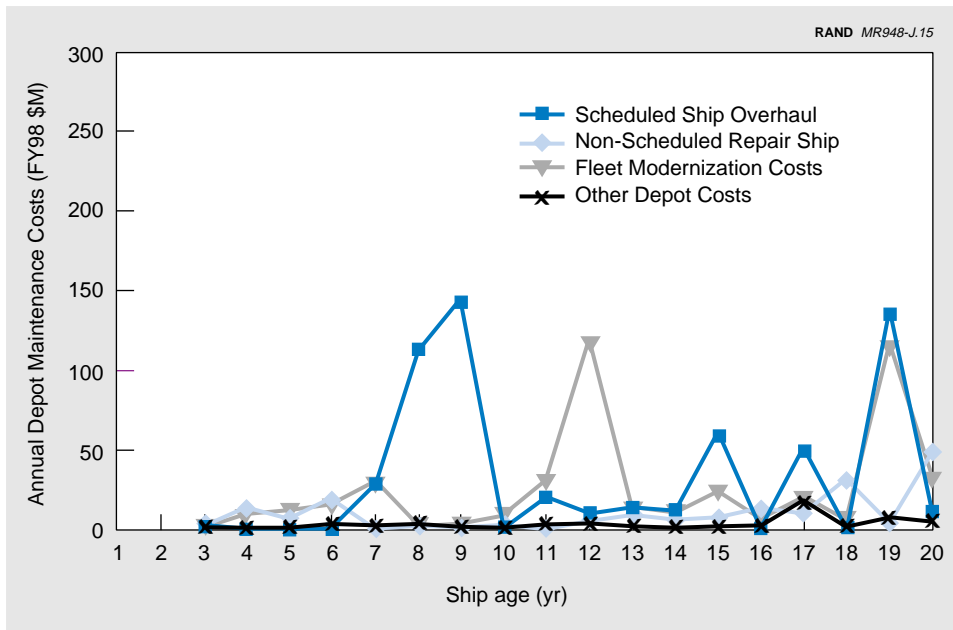


Figure J.15—Annual Depot Maintenance Costs for CVN 68, by Age

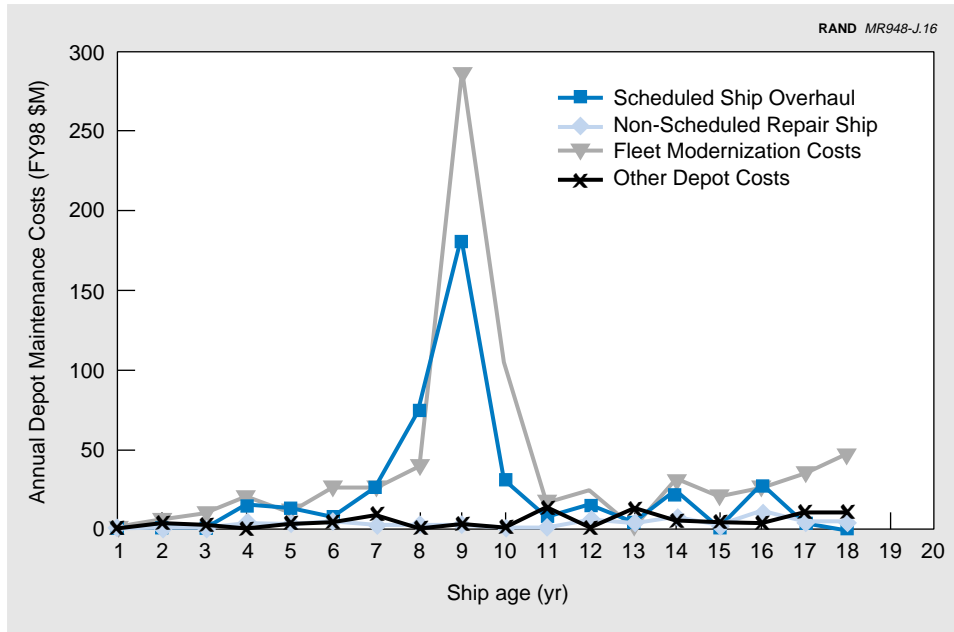


Figure J.16—Annual Depot Maintenance Costs for CVN 69, by Age

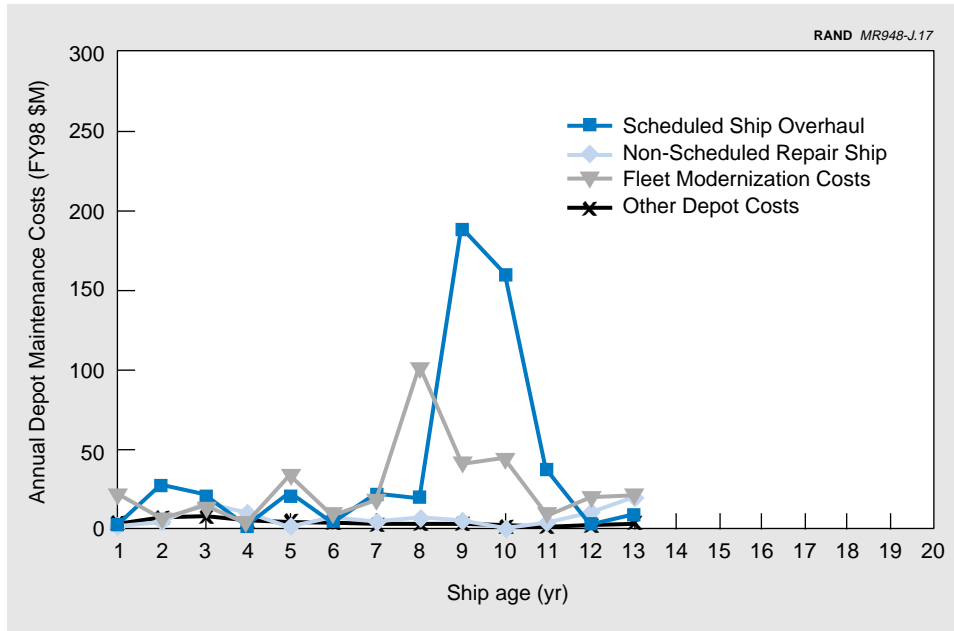


Figure J.17—Annual Depot Maintenance Costs for CVN 70, by Age

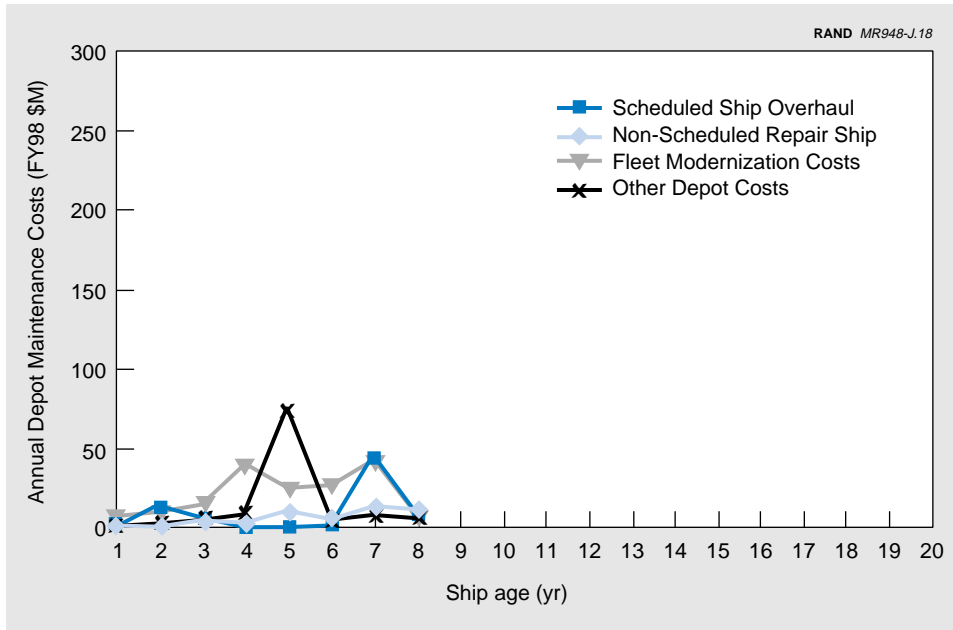


Figure J.18—Annual Depot Maintenance Costs for CVN 71, by Age

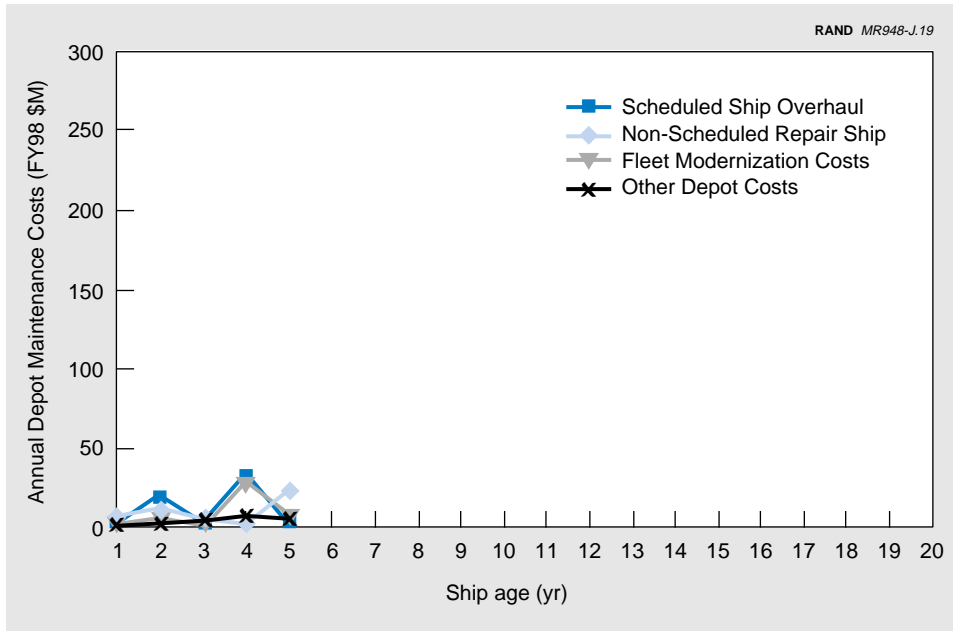


Figure J.19—Annual Depot Maintenance Costs for CVN 72, by Age

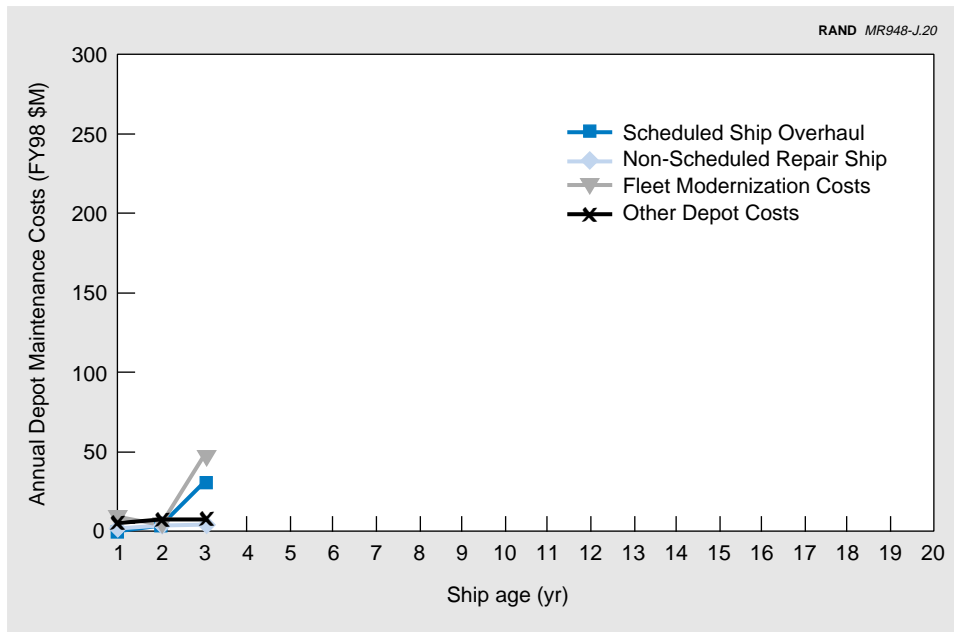


Figure J.20—Annual Depot Maintenance Costs for CVN 73, by Age