

TRENDS IN THE COST OF MAINTAINING SINGLE FAMILY HOUSING
UNITS ON CANADIAN FORCES BASES.
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Executive Summary

This report examines trends in past maintenance and repair costs for Canadian Armed Forces single family housing units and develops a model to assist the Military in forecasting future expenditures in order to assist policy decisions. Previous research is summarized and three basic models of depreciation: simple linear depreciation, geometric decay, and discontinuous decay are presented. The models are then tested on the military single family housing units with a discontinuous linear model yielding the best fit and forecasting capability. Using the results, maintenance expenditures are then forecasted for fiscal years 1996 to 2006 for military single family housing units. Further research possibilities and policy implications are also discussed.