

U.S. Coast Guard Navigation Center

2007 International Loran Association Conference
October 16 - Orlando FL



Loran Performance – 2007

LT Barry Boyd – COCO SEUS & SOCUS Chains



Homeland
Security

*U.S. Department of
Homeland Security*
**United States
Coast Guard**



Performance Overview

Introduction

System Performance

Chain Performance

Accomplishments

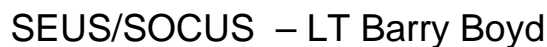
Conclusion



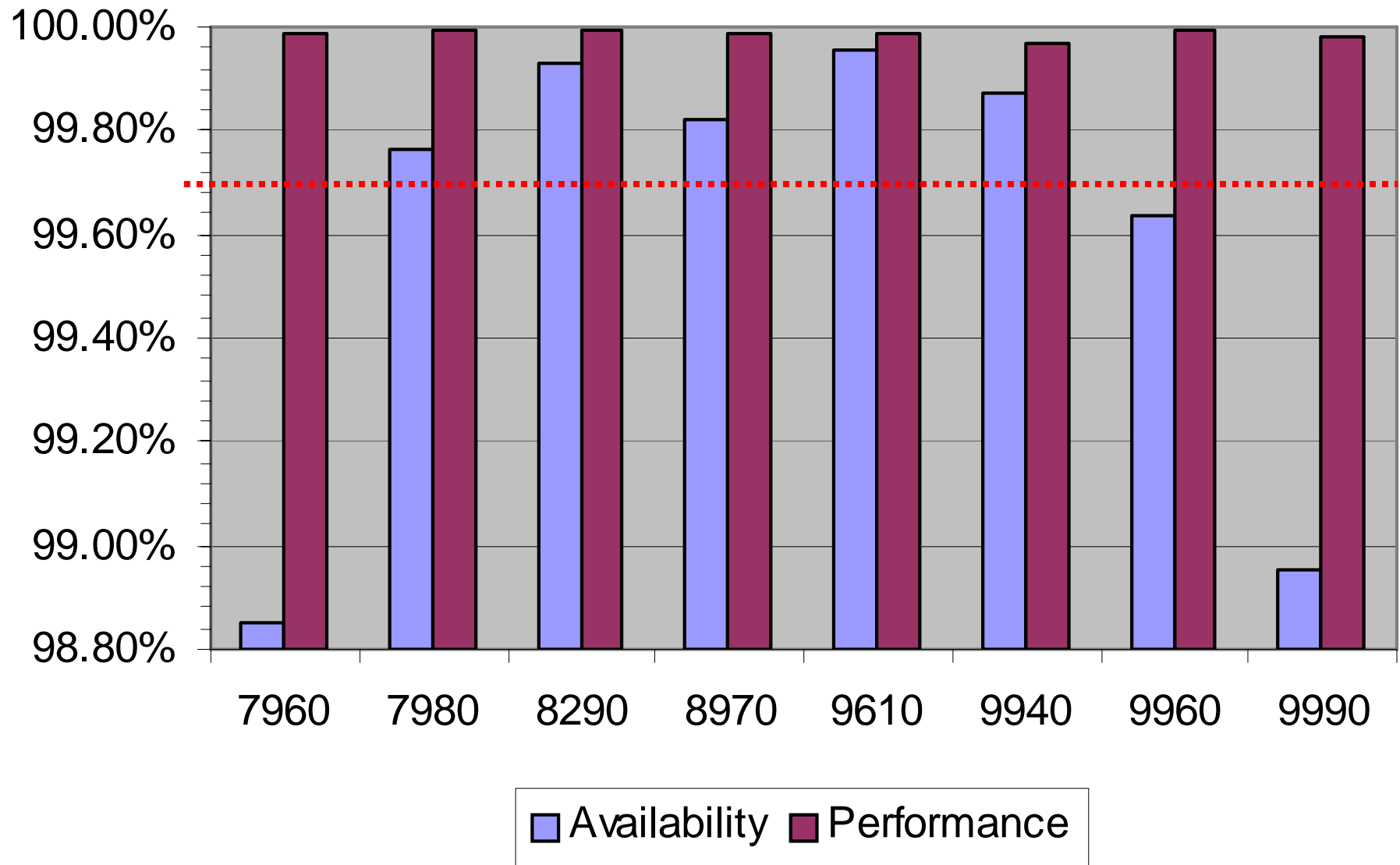
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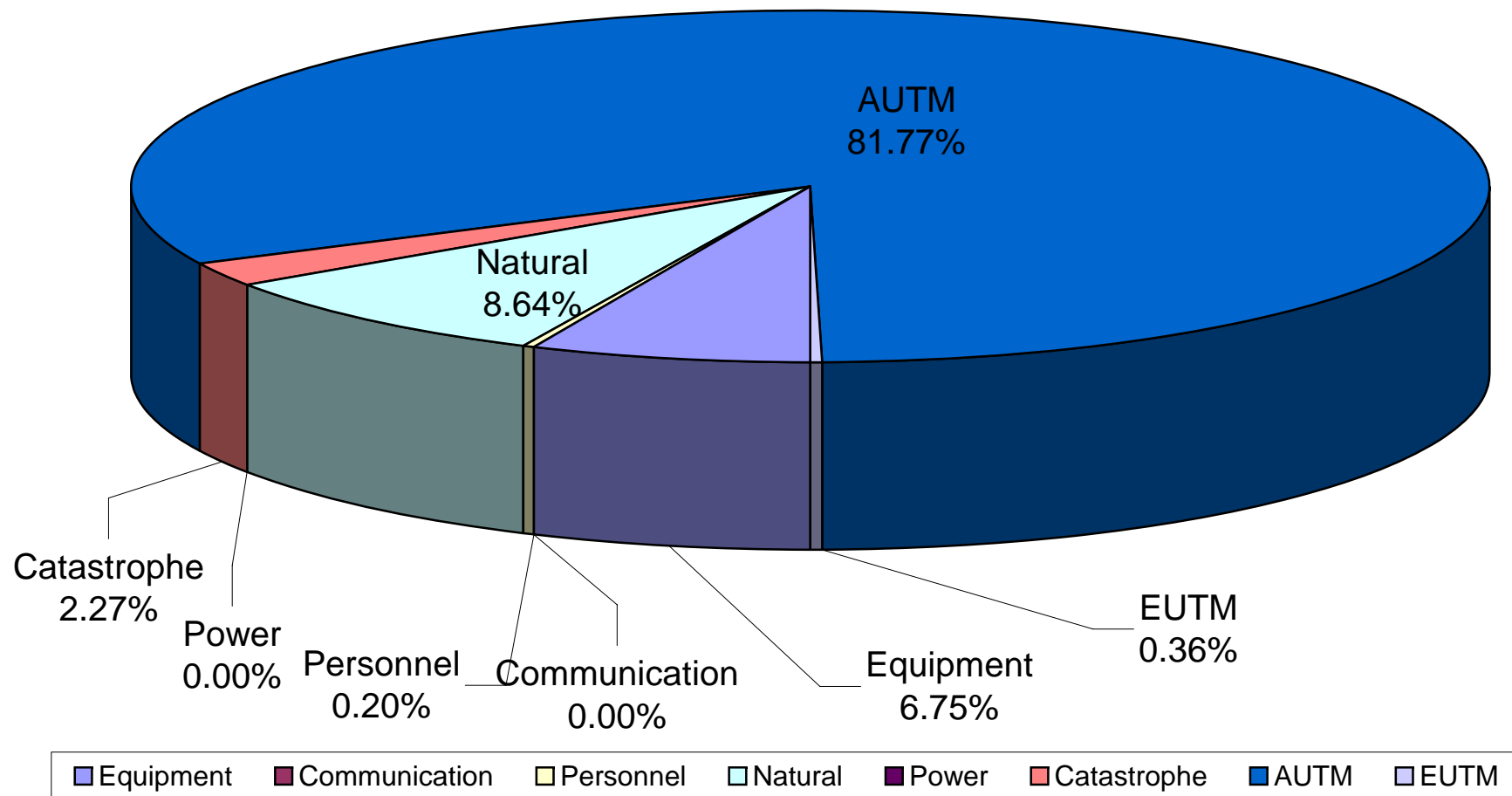




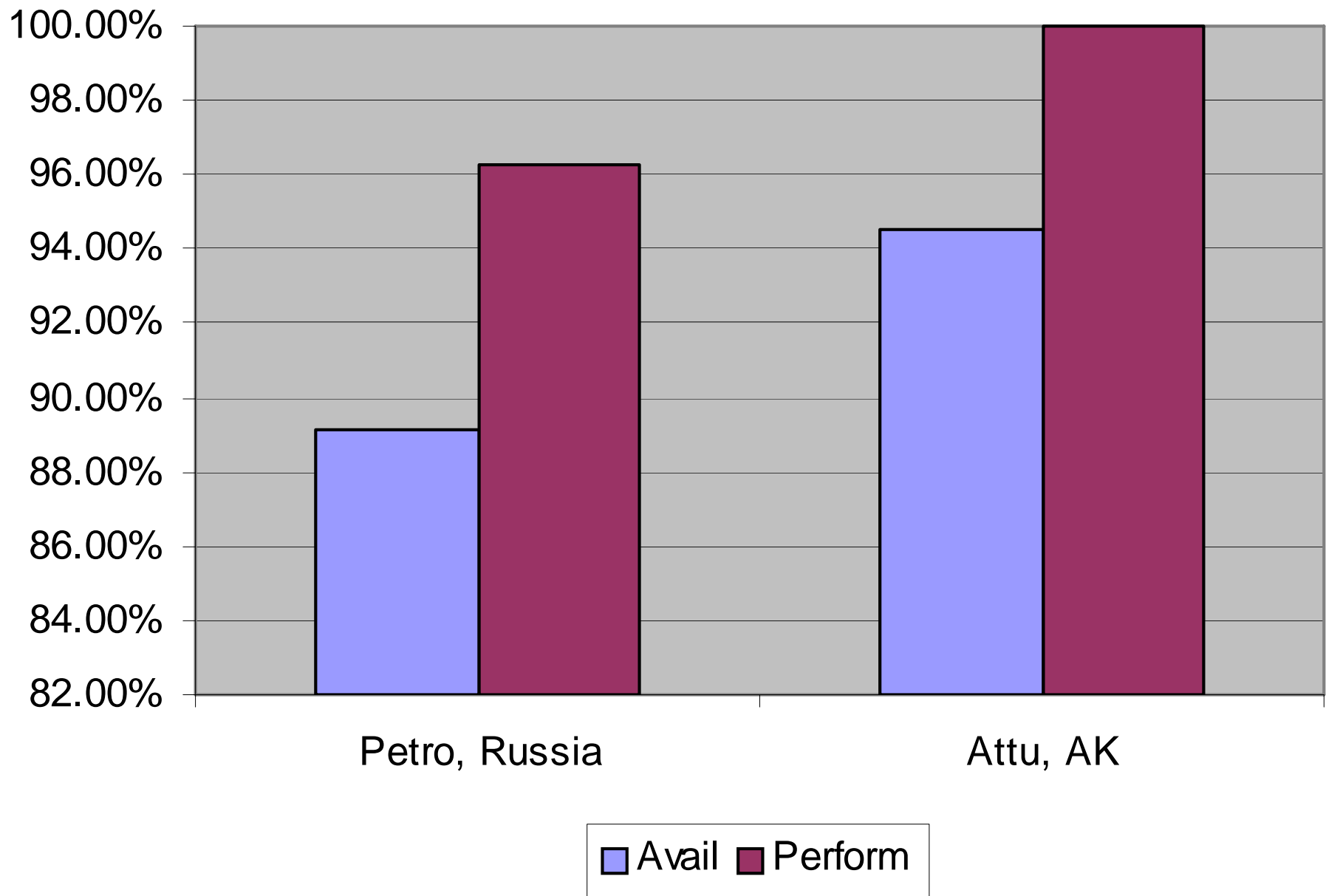
CY 07 RATE AVAILABILITY VS PERFORMANCE



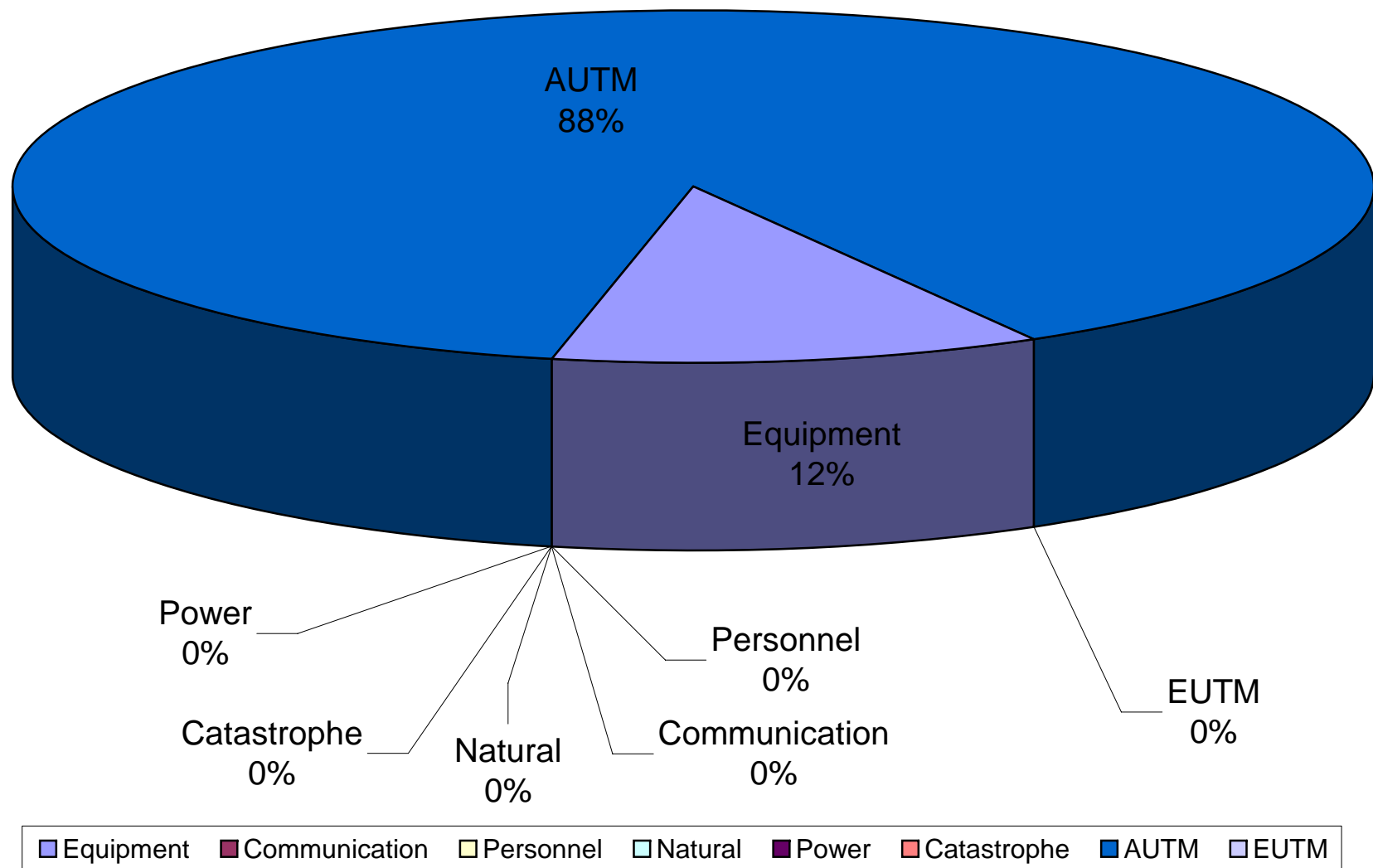
2007 Cumulative UUT by Cause (All Chains)



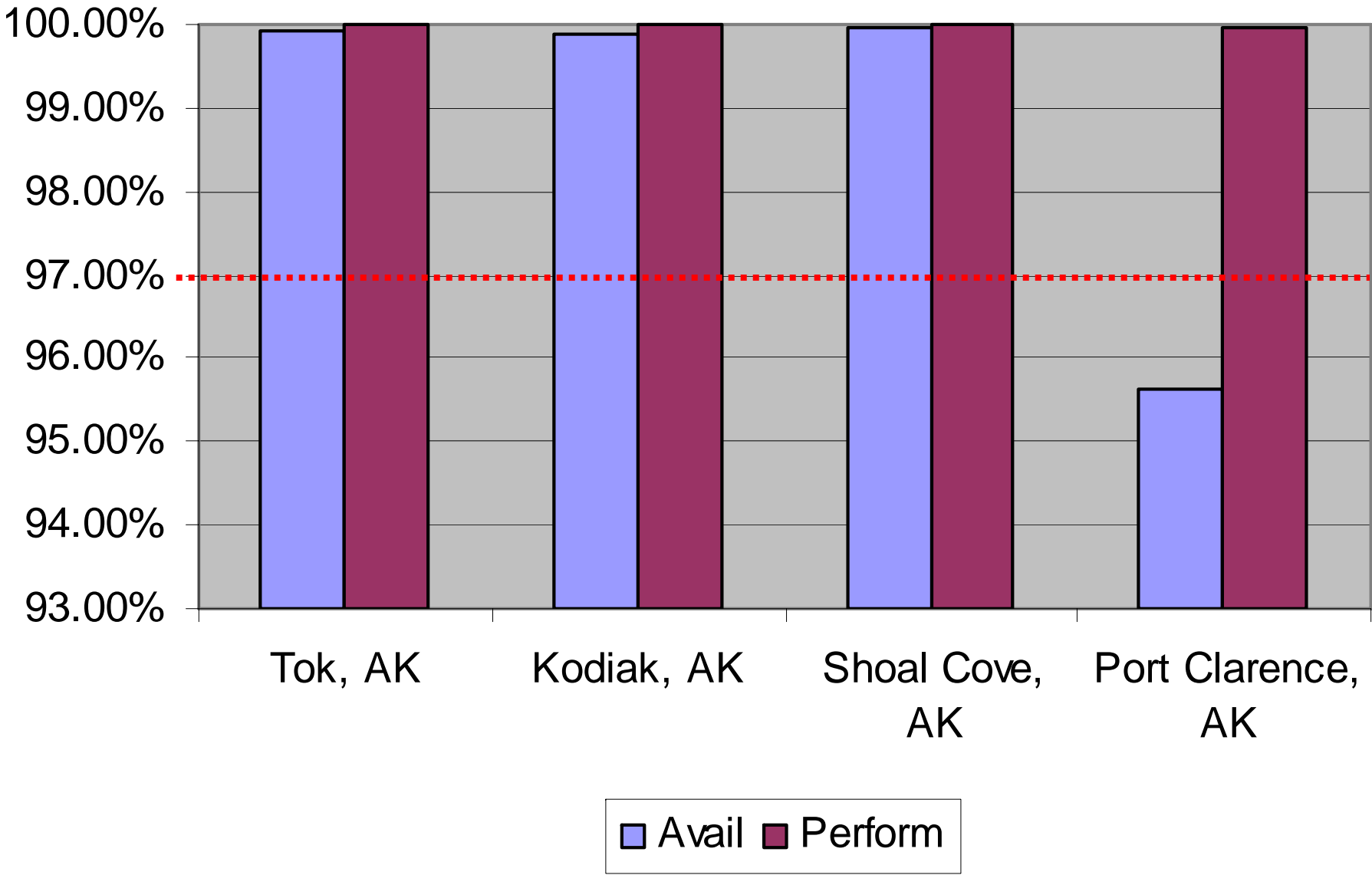
5980 RAC CY07 AVAILABILITY VS PERFORMANCE



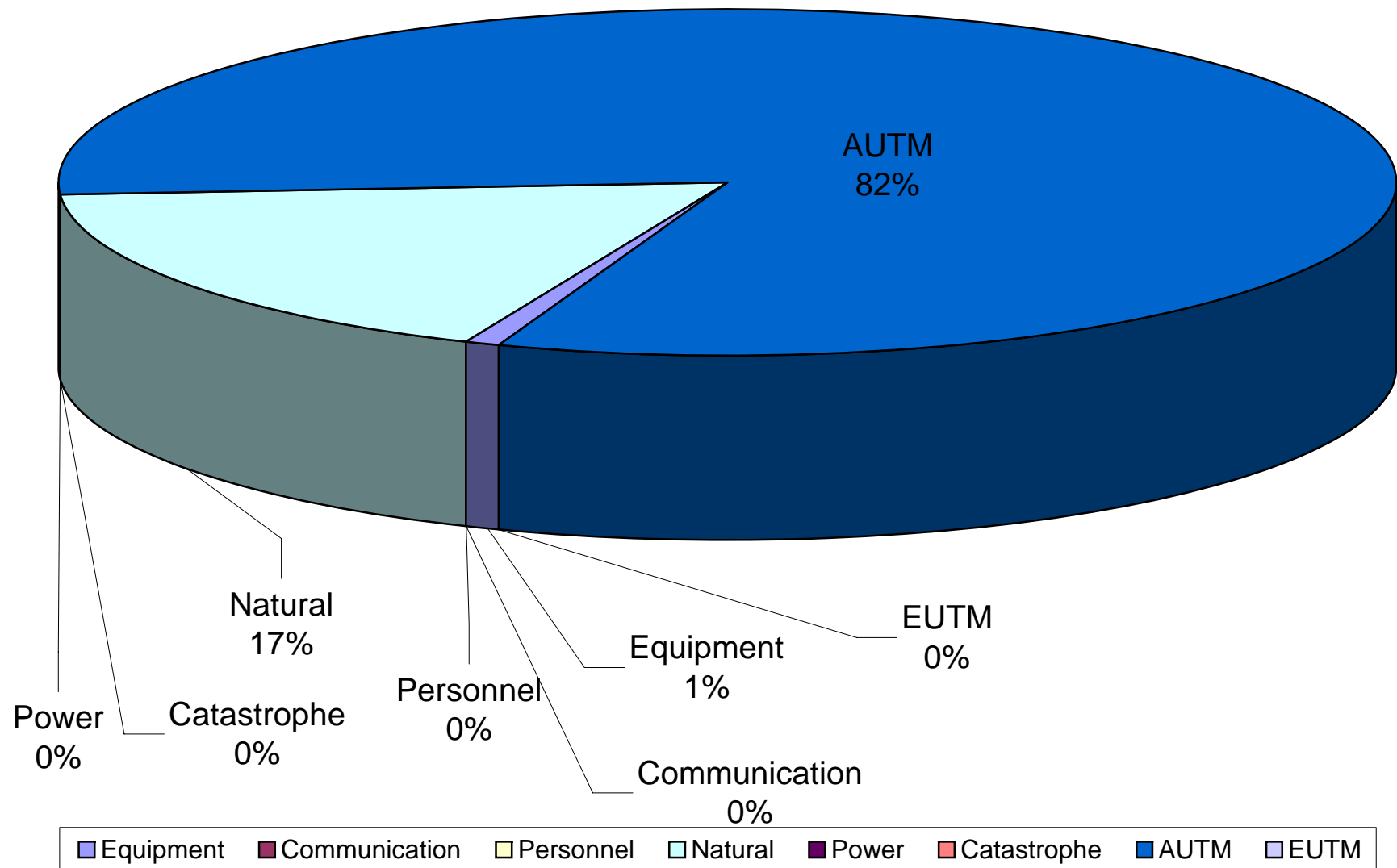
2007 Cumulative UUT by Cause (5980)



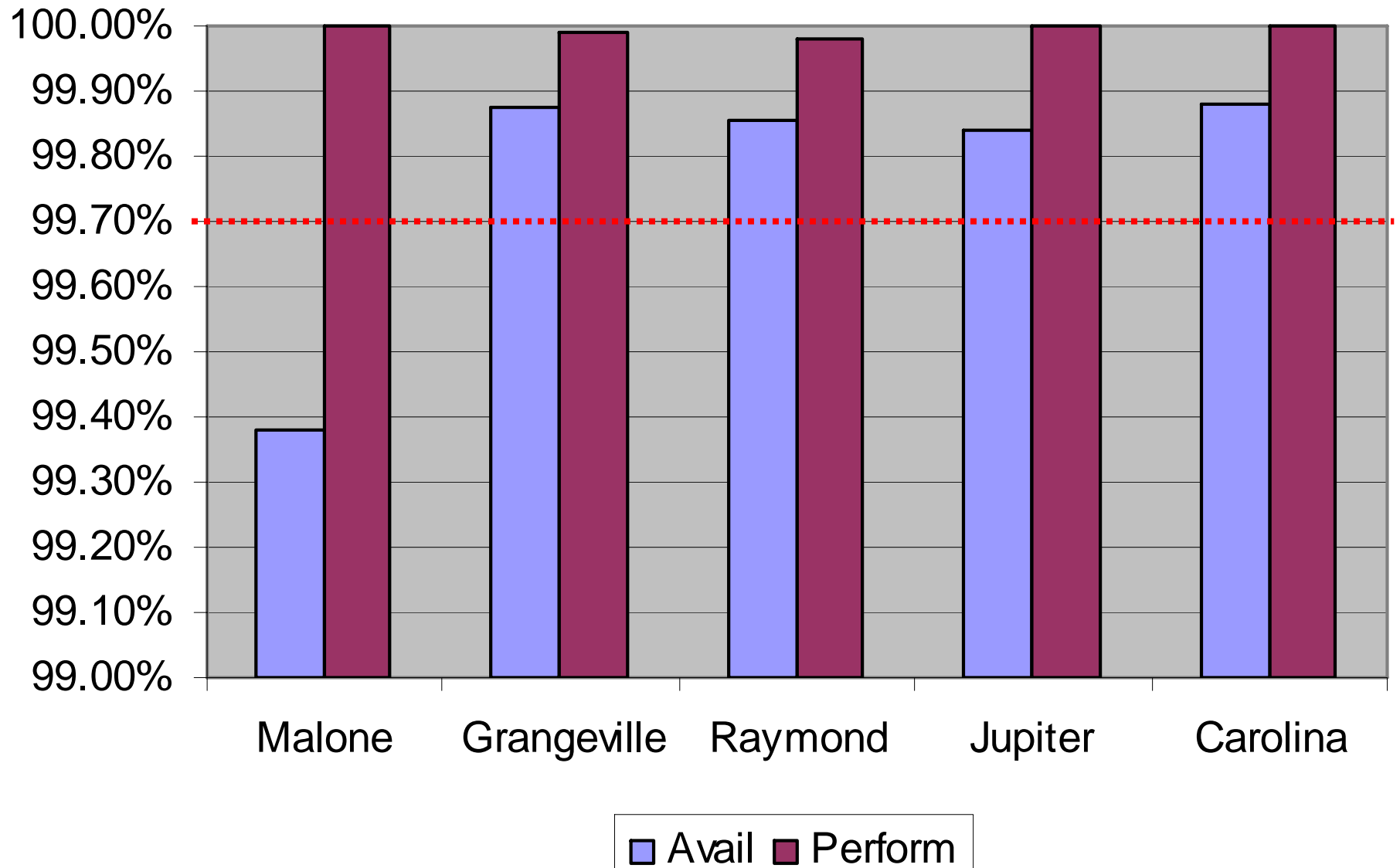
7960 GOA CY07 AVAILABILITY VS PERFORMANCE



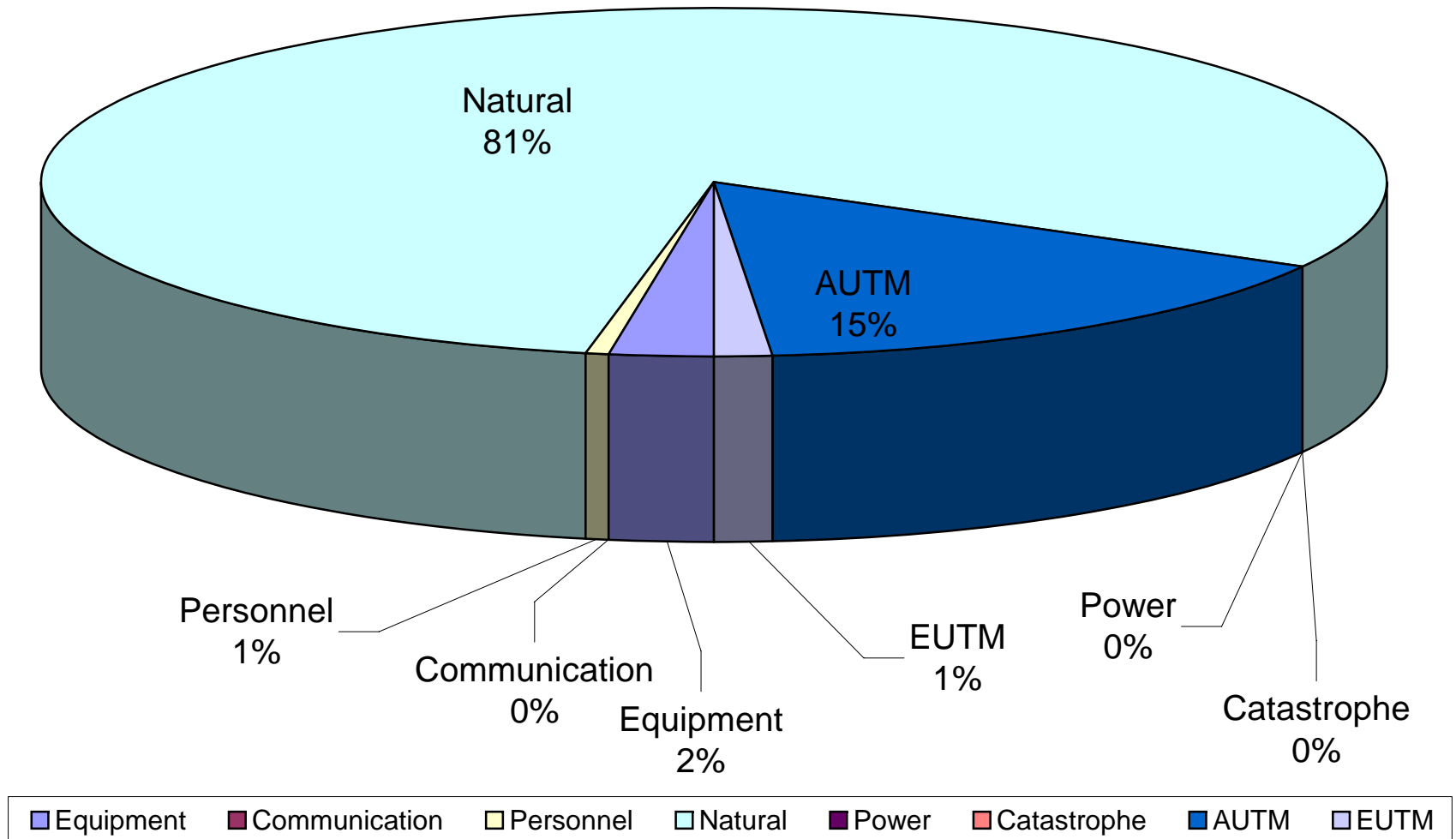
2007 Cumulative UUT by Cause (7960)



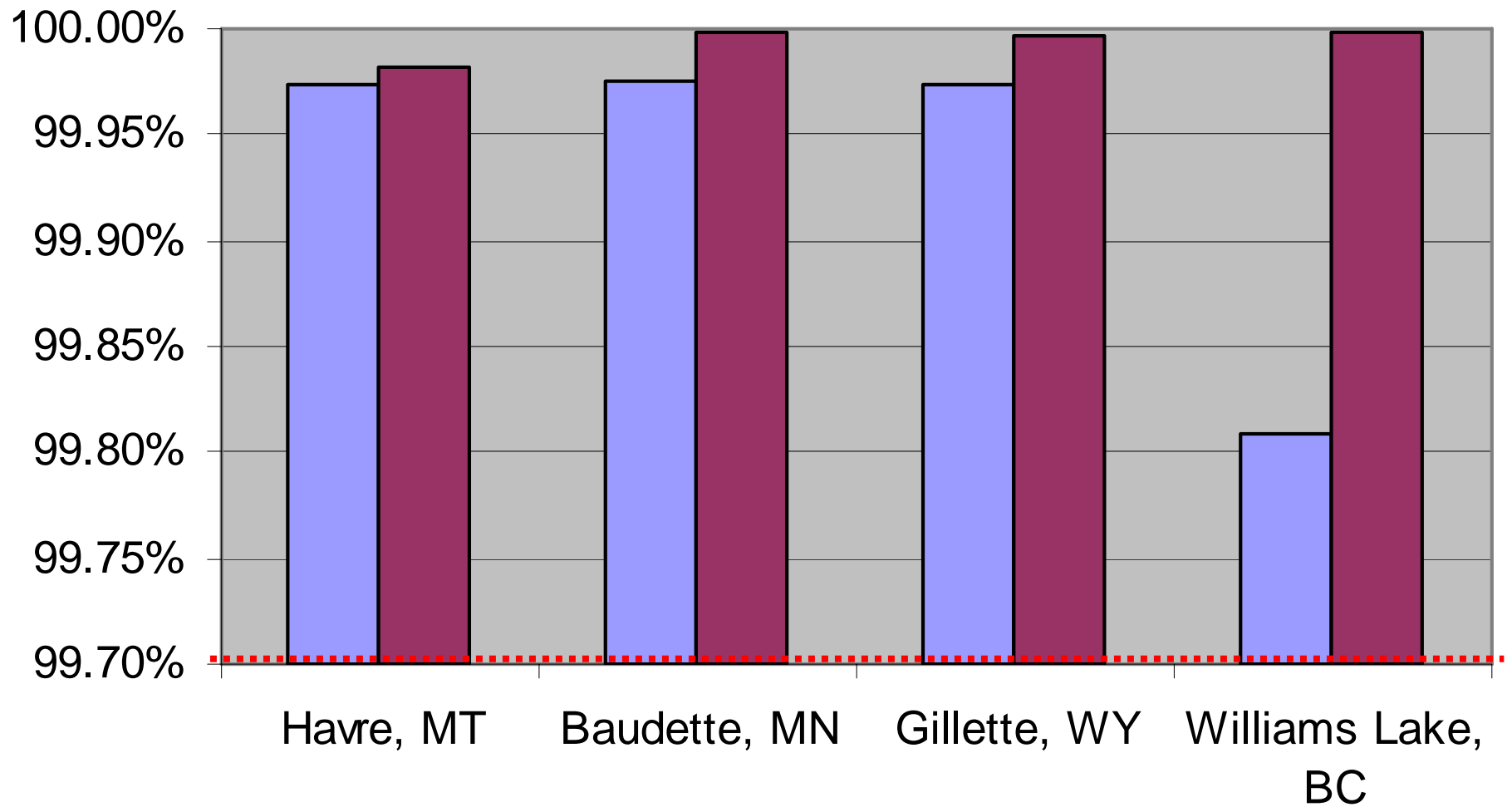
7980 SEUS CY07 AVAILABILITY VS PERFORMANCE



2007 Cumulative UUT by Cause (7980)

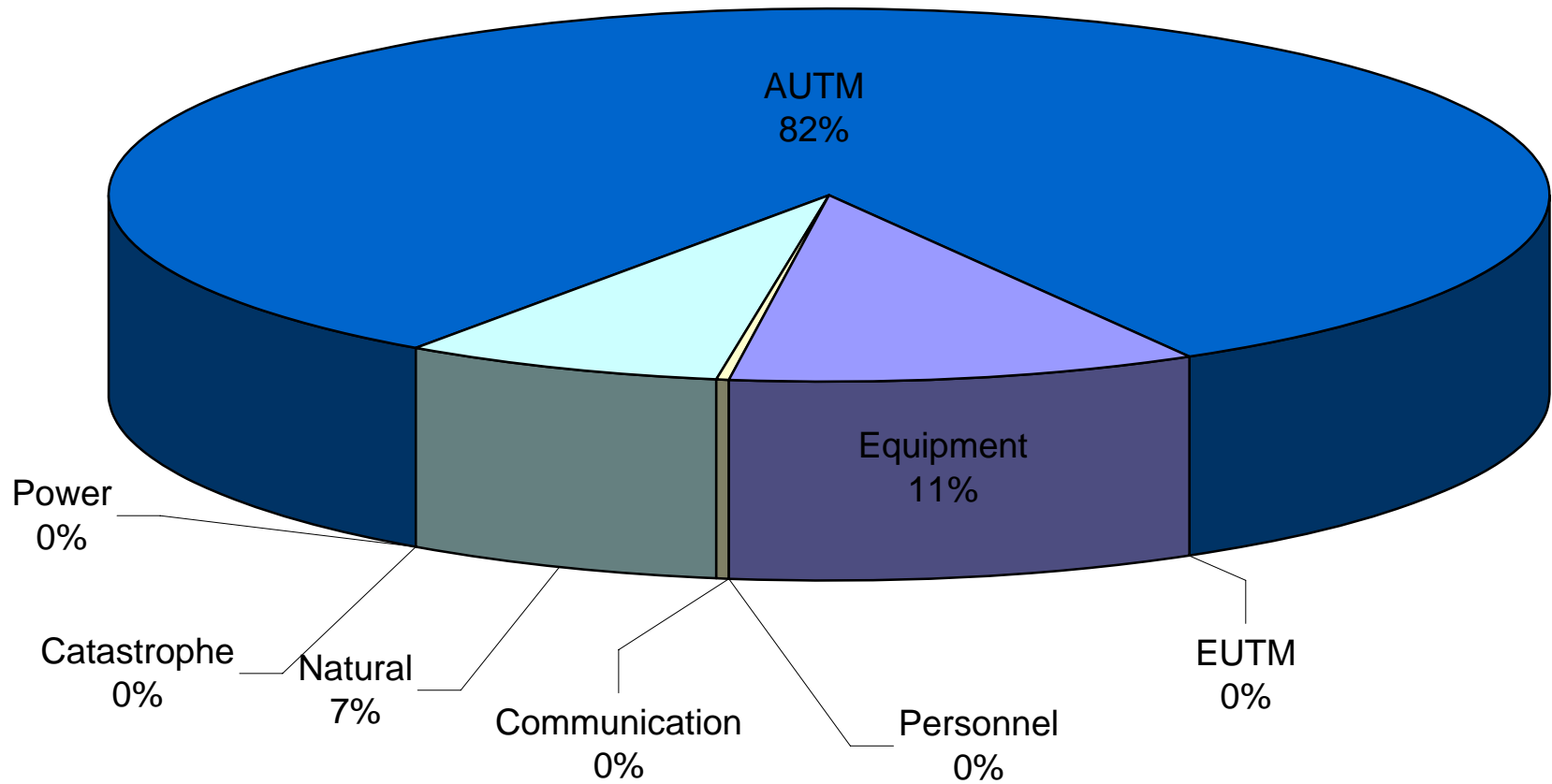


8290 NOCUS CY07 AVAILABILITY VS PERFORMANCE



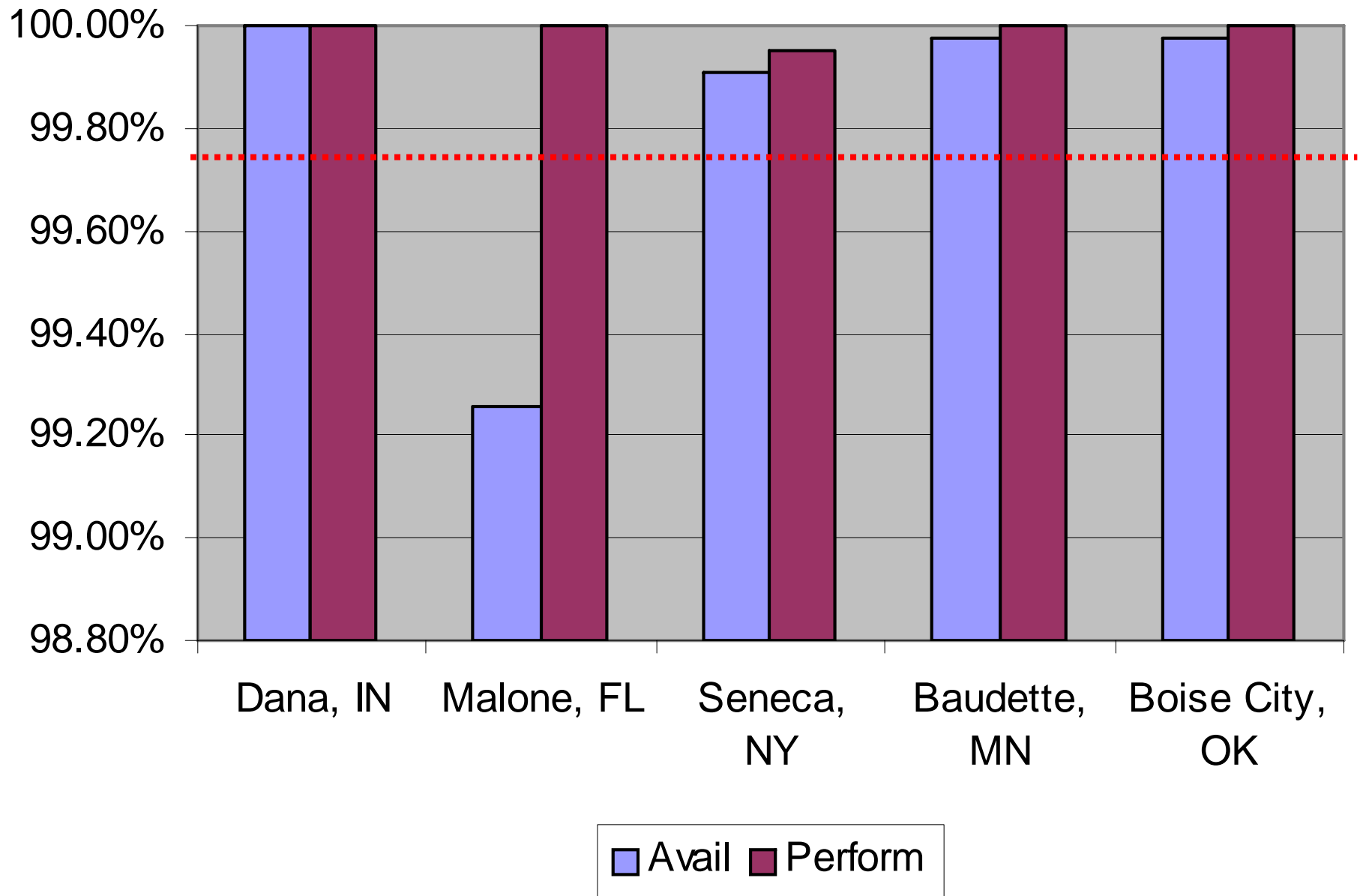
Avail Perform

2007 Cumulative UUT by Cause (8290)

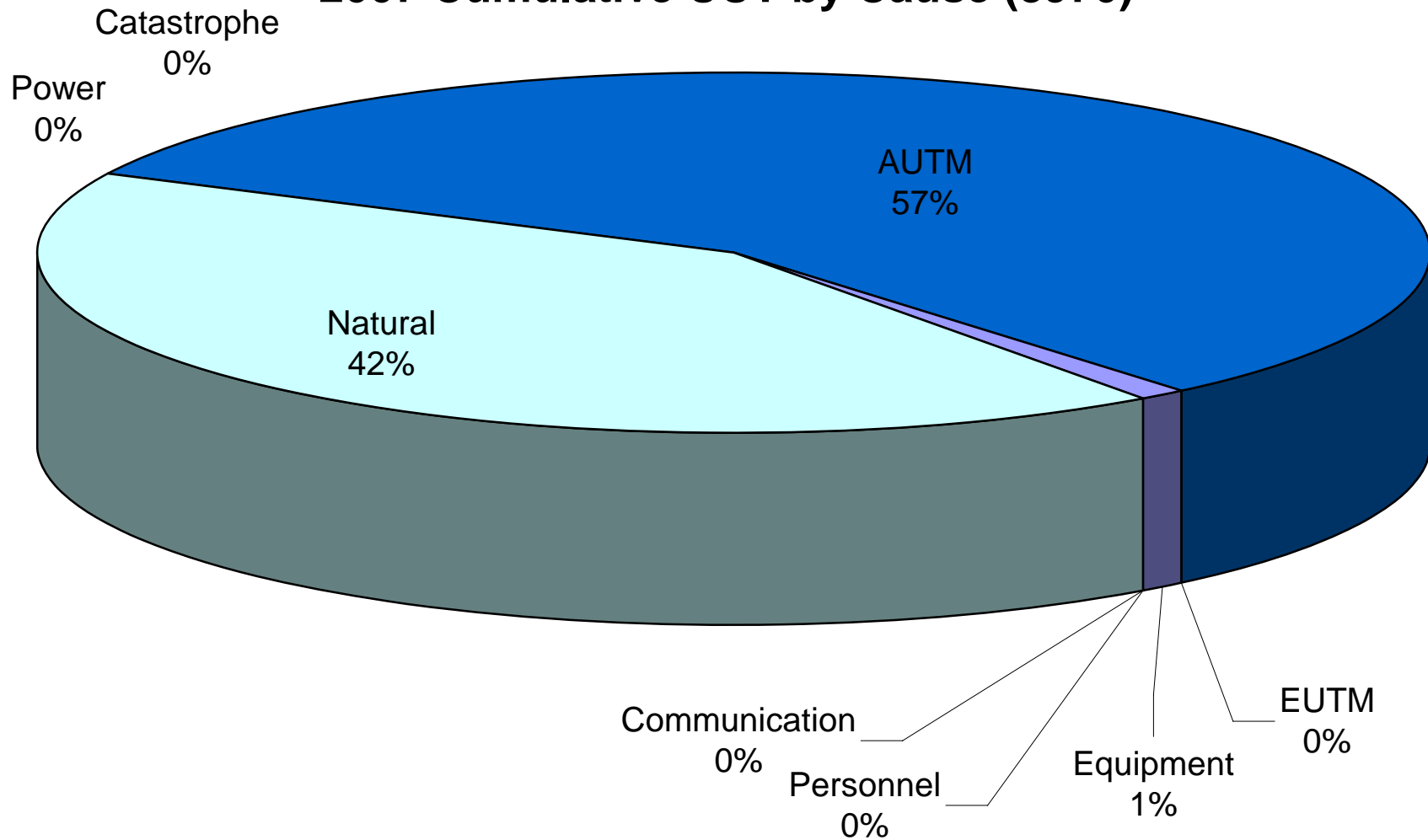


Equipment Communication Personnel Natural Power Catastrophe AUTM EUTM

8970 GLKS CY07 AVAILABILITY VS PERFORMANCE

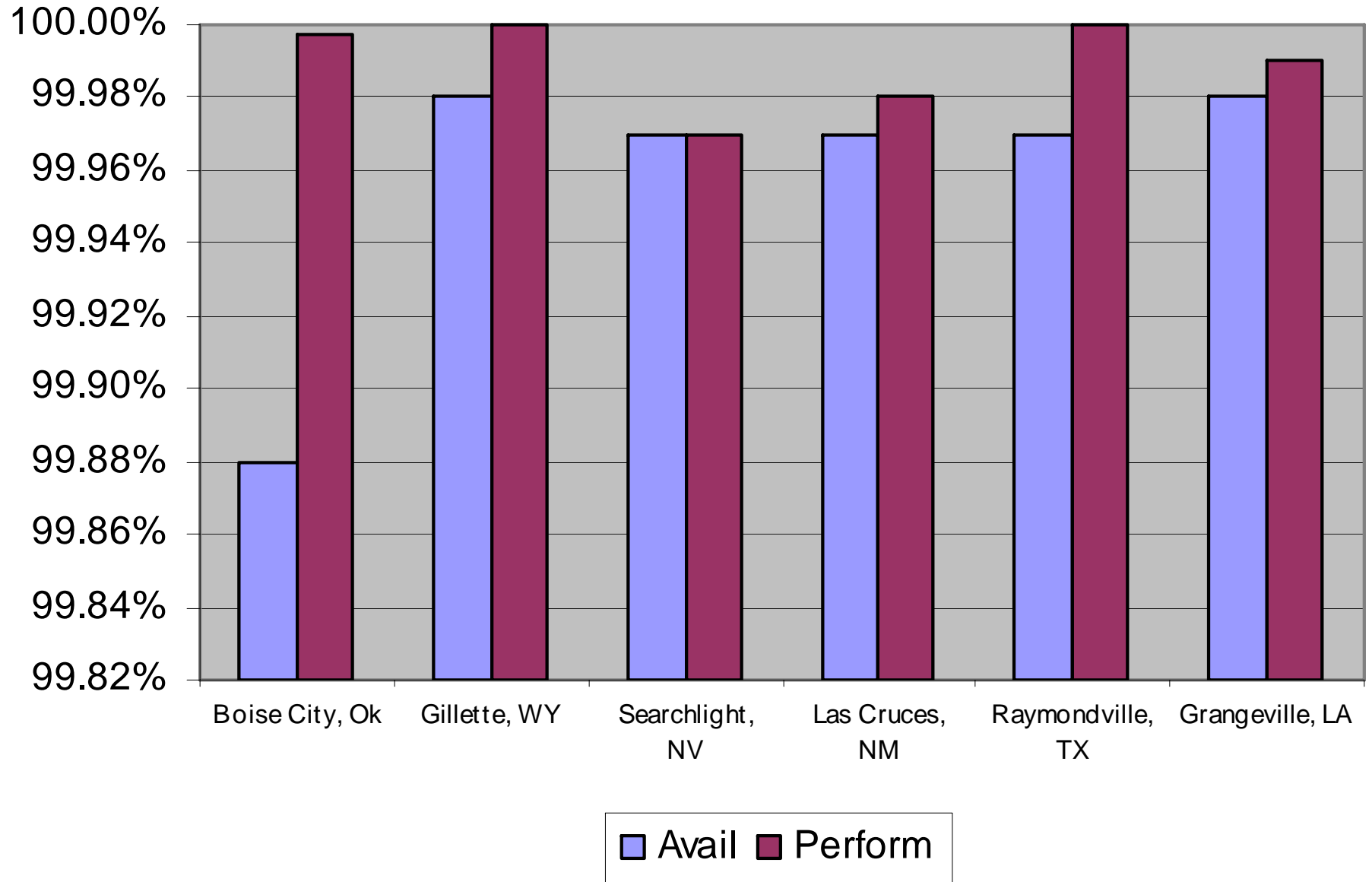


2007 Cumulative UUT by Cause (8970)

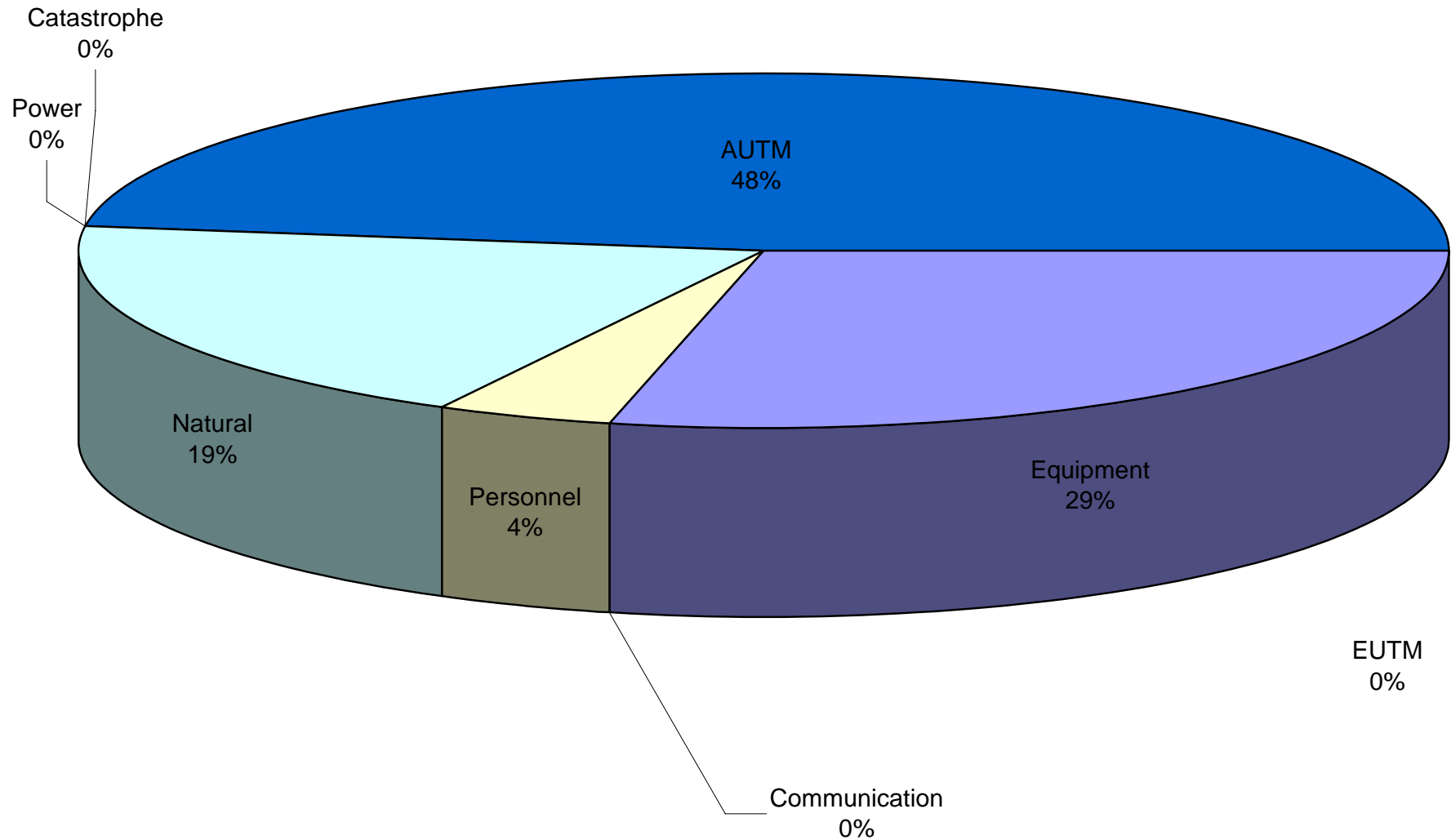


Equipment Communication Personnel Natural Power Catastrophe AUTM EUTM

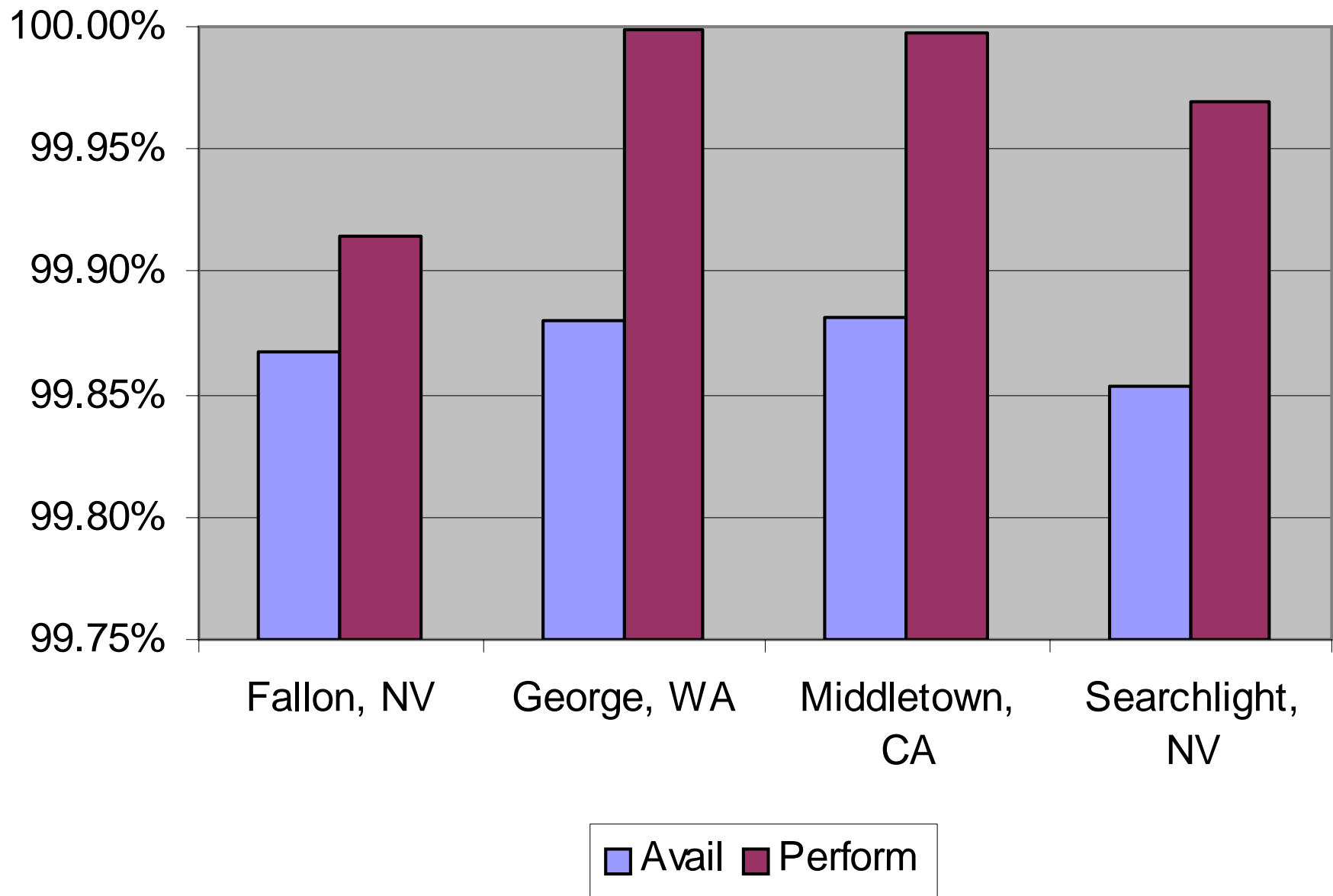
9610 SOCUS CY07 AVAILABILITY VS PERFORMANCE



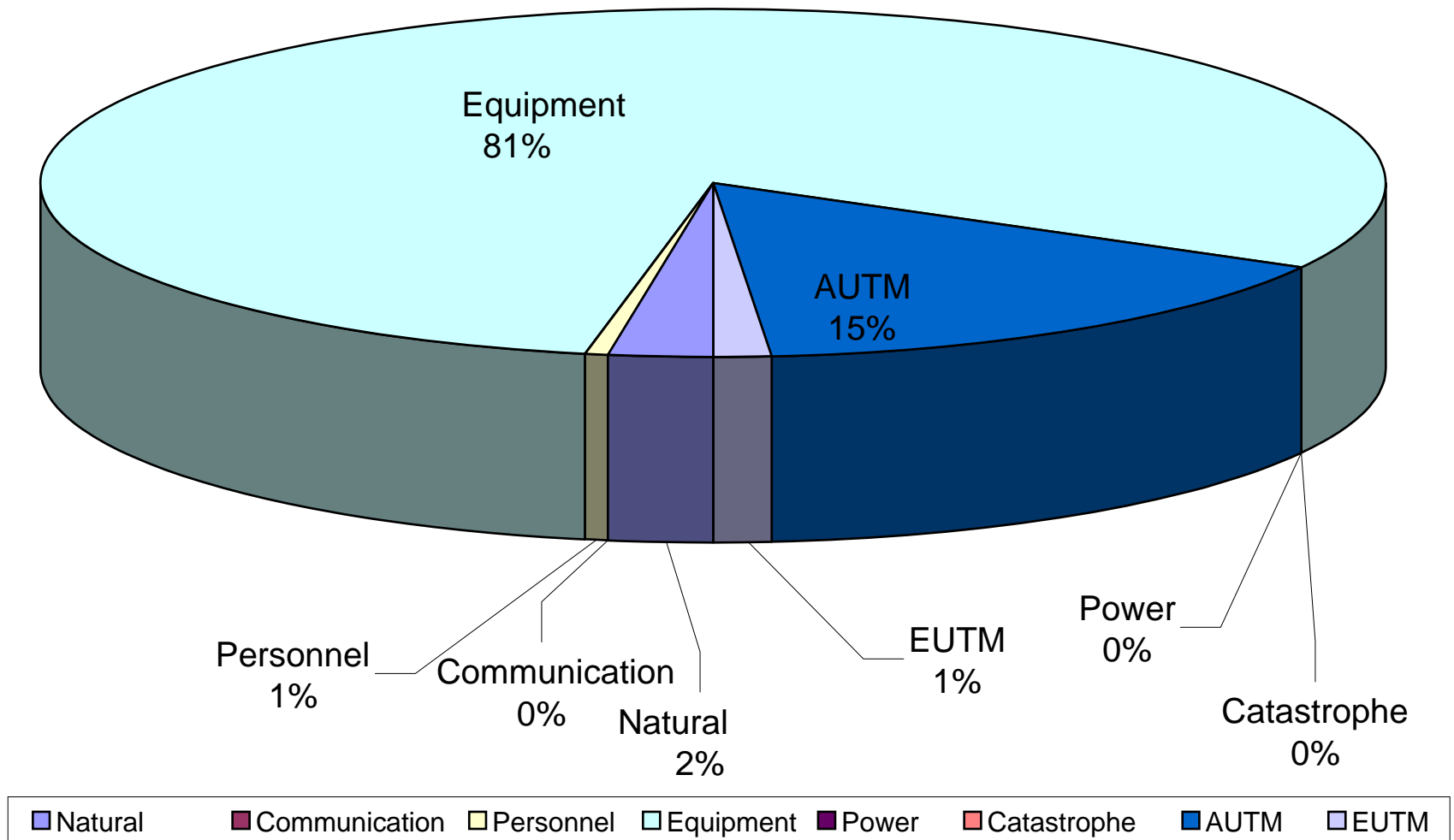
2007 Cumulative UUT by Cause (9610)



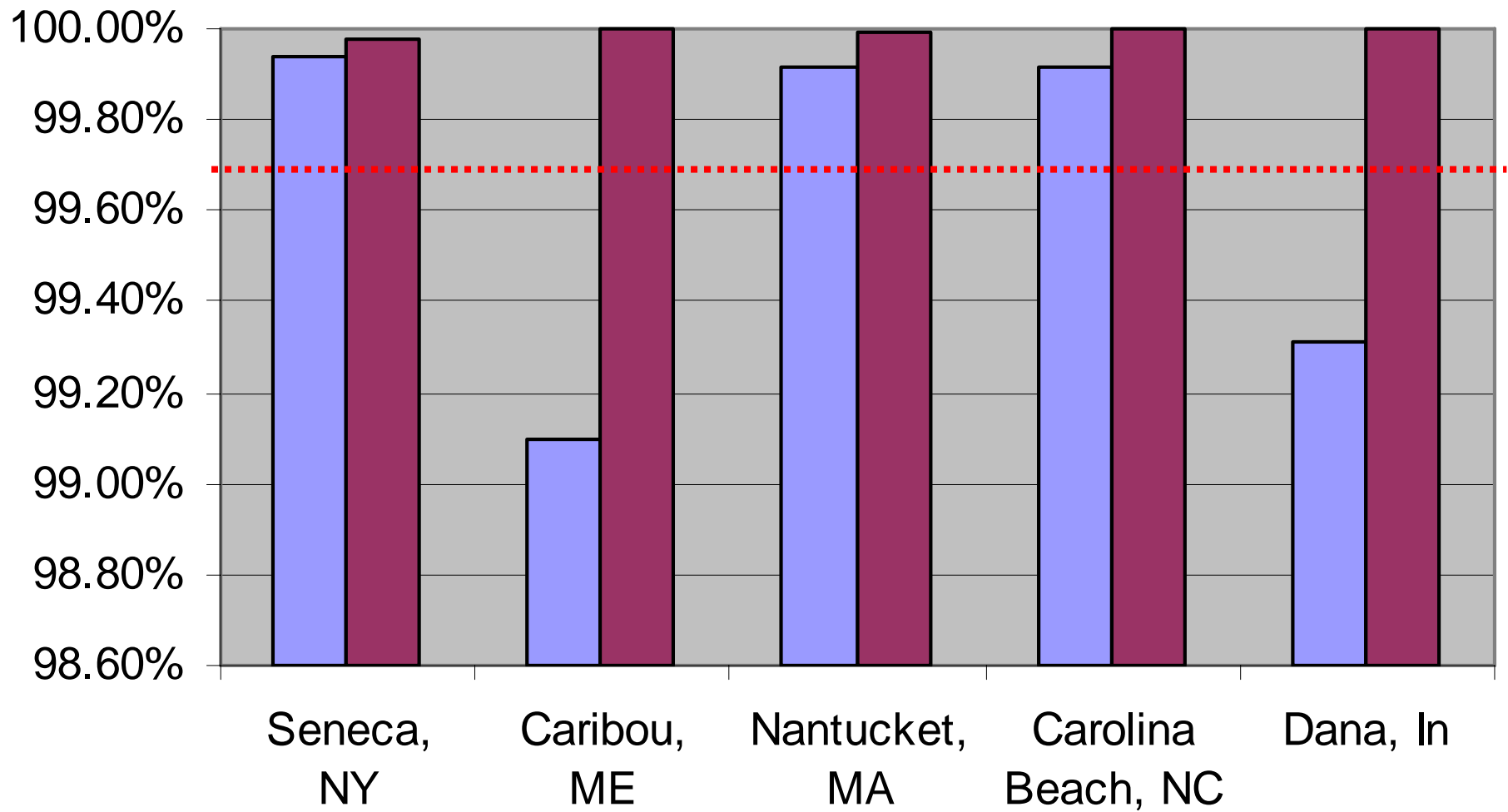
9940 USWC CY07 AVAILABILITY VS PERFORMANCE



2007 Cumulative UUT by Cause (9940)

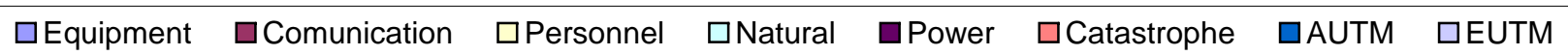
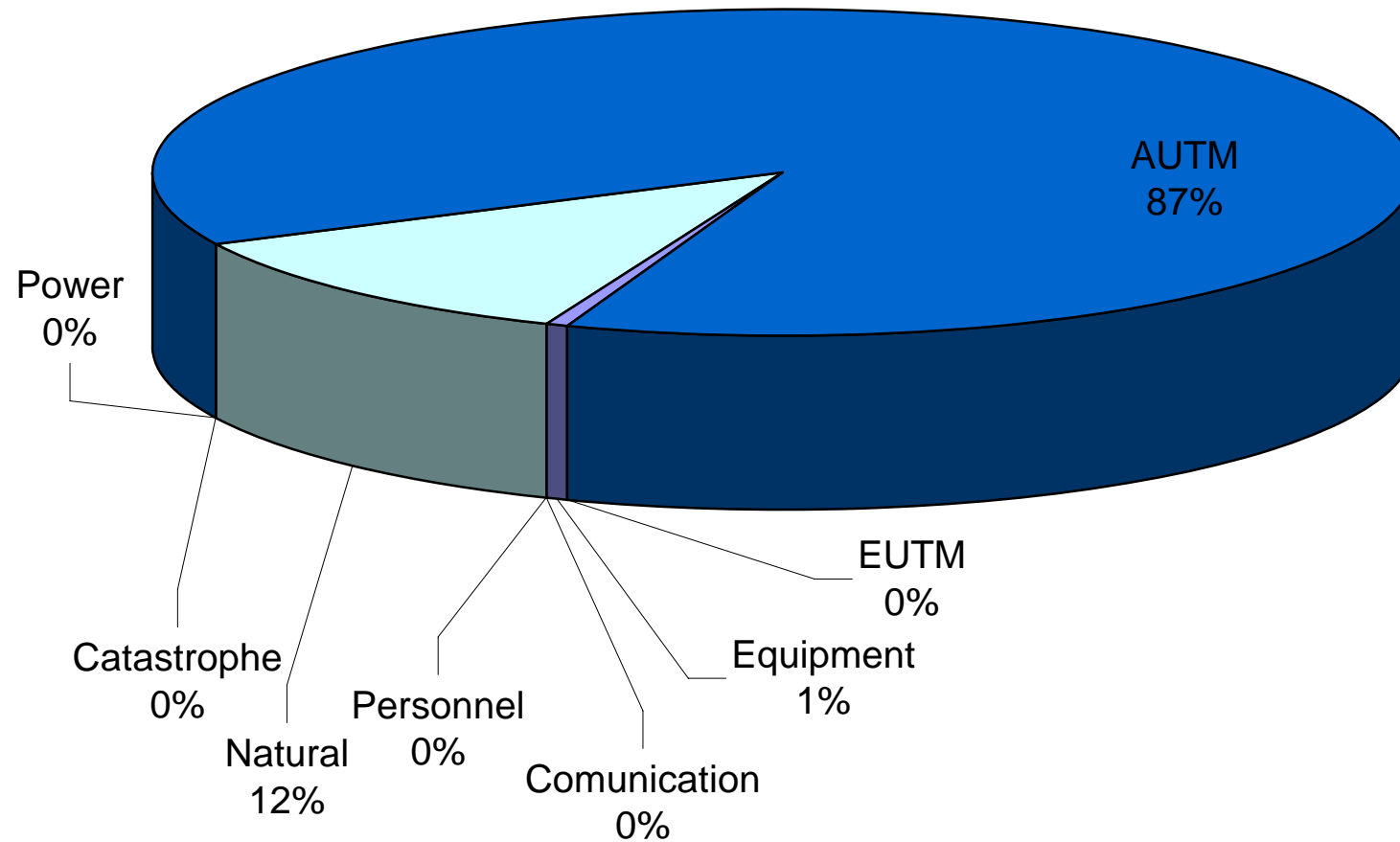


9960 NEUS CY07 AVAILABILITY VS PERFORMANCE

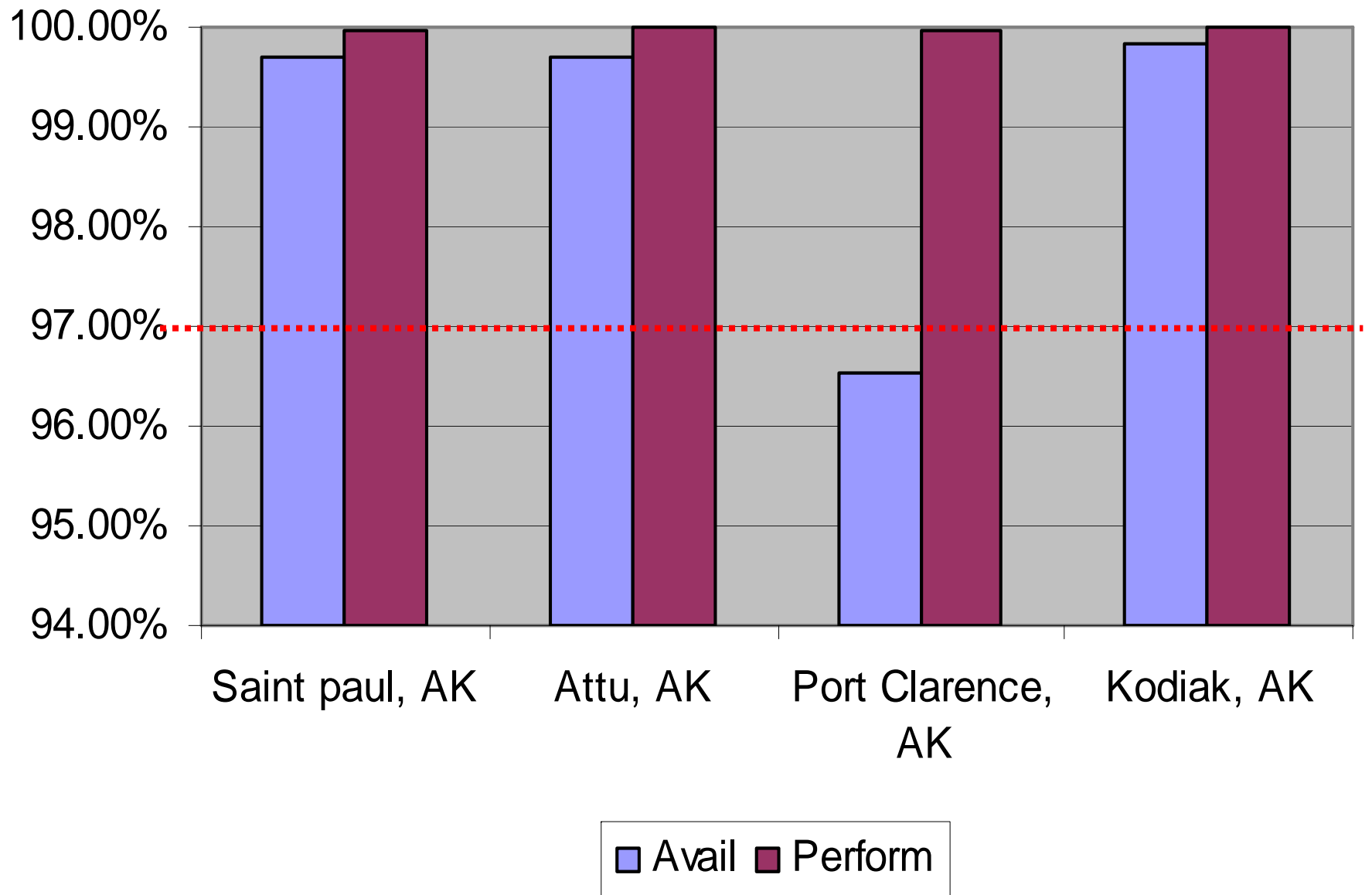


Avail Perform

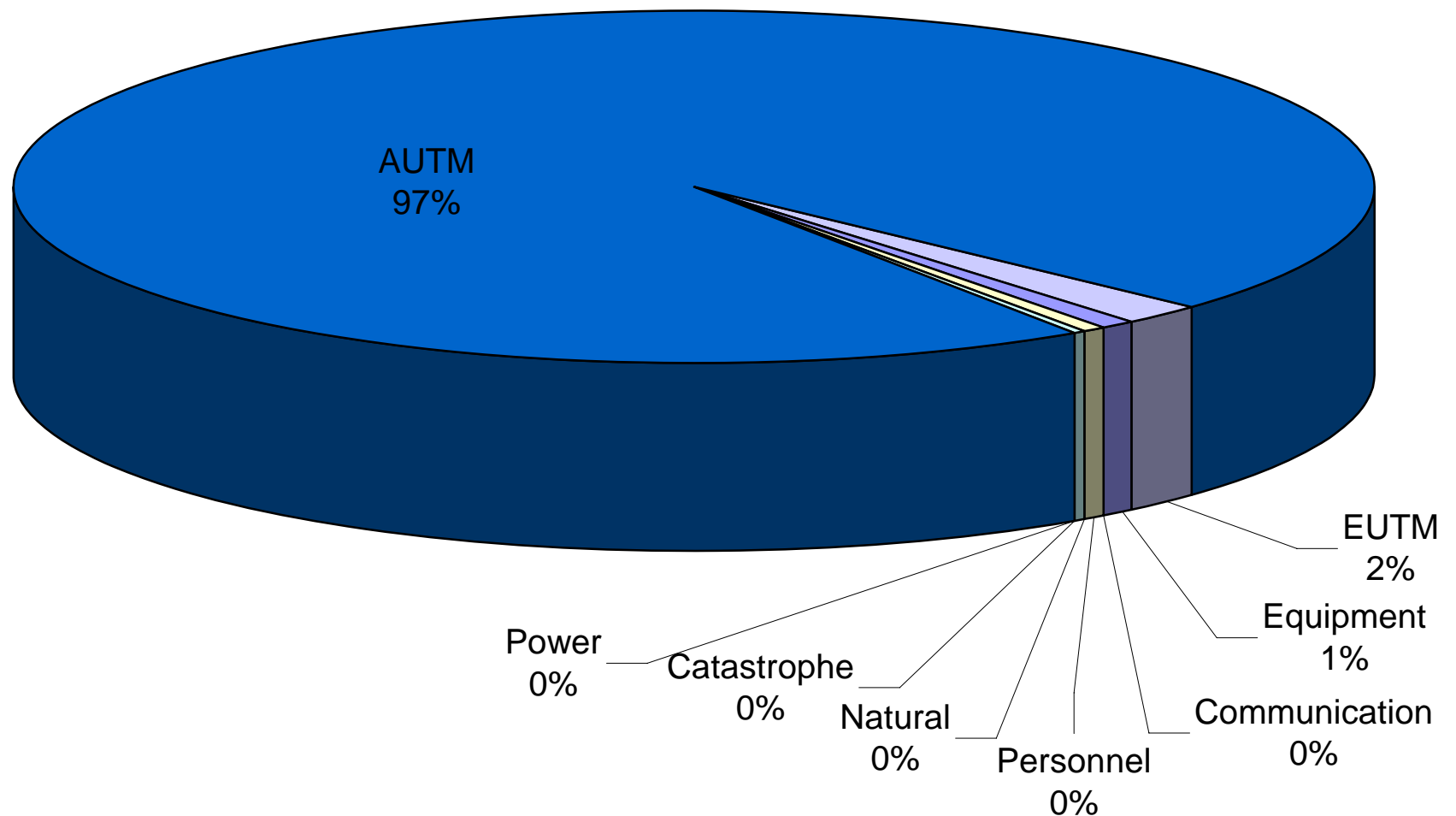
2007 Cumulative UUT by Cause (9960)



9990 NORPAC CY07 AVAILABILITY VS PERFORMANCE

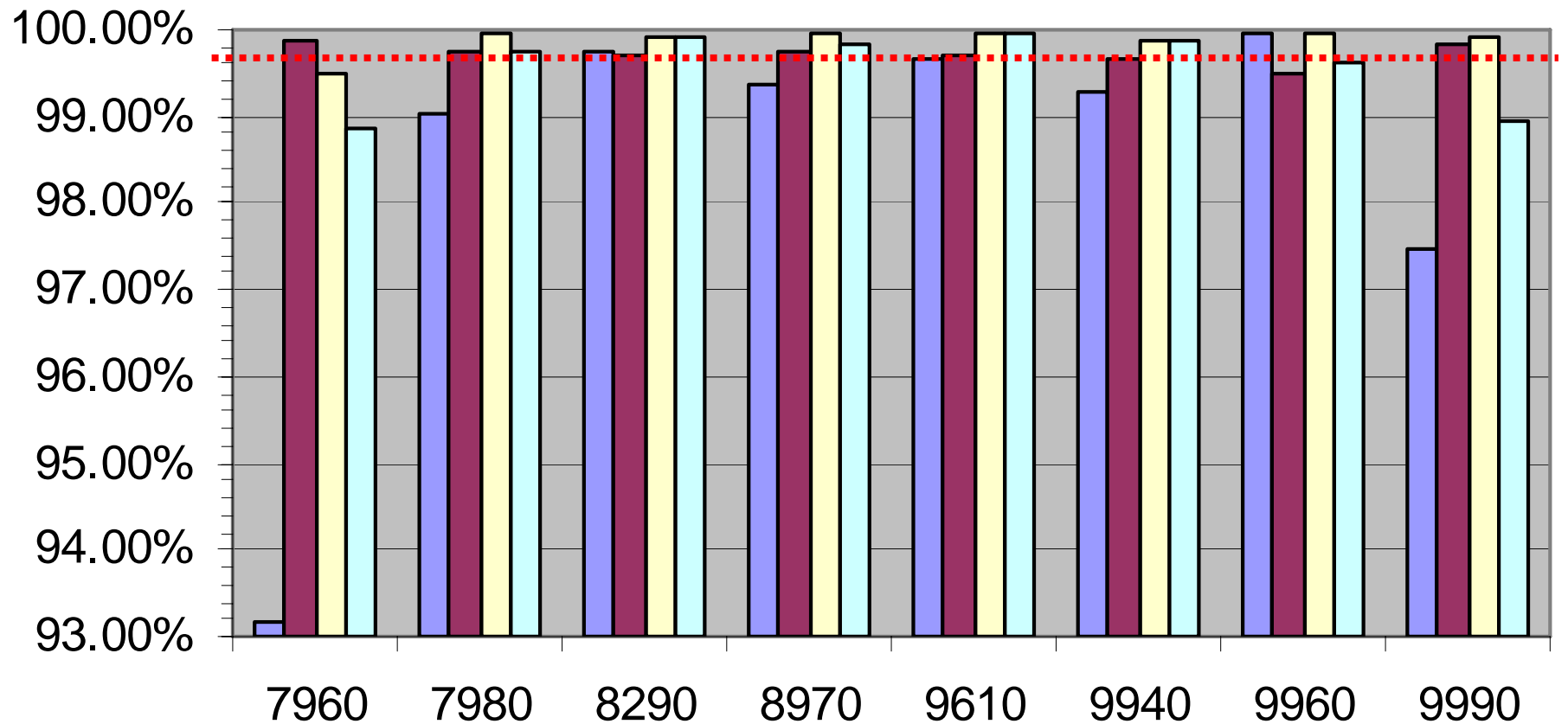


2007 Cumulative UUT by Cause (9990)



Equipment Communication Personnel Natural Power Catastrophe AUTM EUTM

LORAN-C Availability CY04 - CY 07 YTD



■ FY04 Availability ■ FY05 Availability
■ FY06 Availability ■ FY07 Availability

Accomplishments

- CHAIN PERFORMANCE
- MODERNIZATION
 - LORAN DATA CHANNEL EVALUATION
 - TIME OF TRANSMISSION EVALUATION
 - ST PAUL UPGRADE

Conclusion



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Questions



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