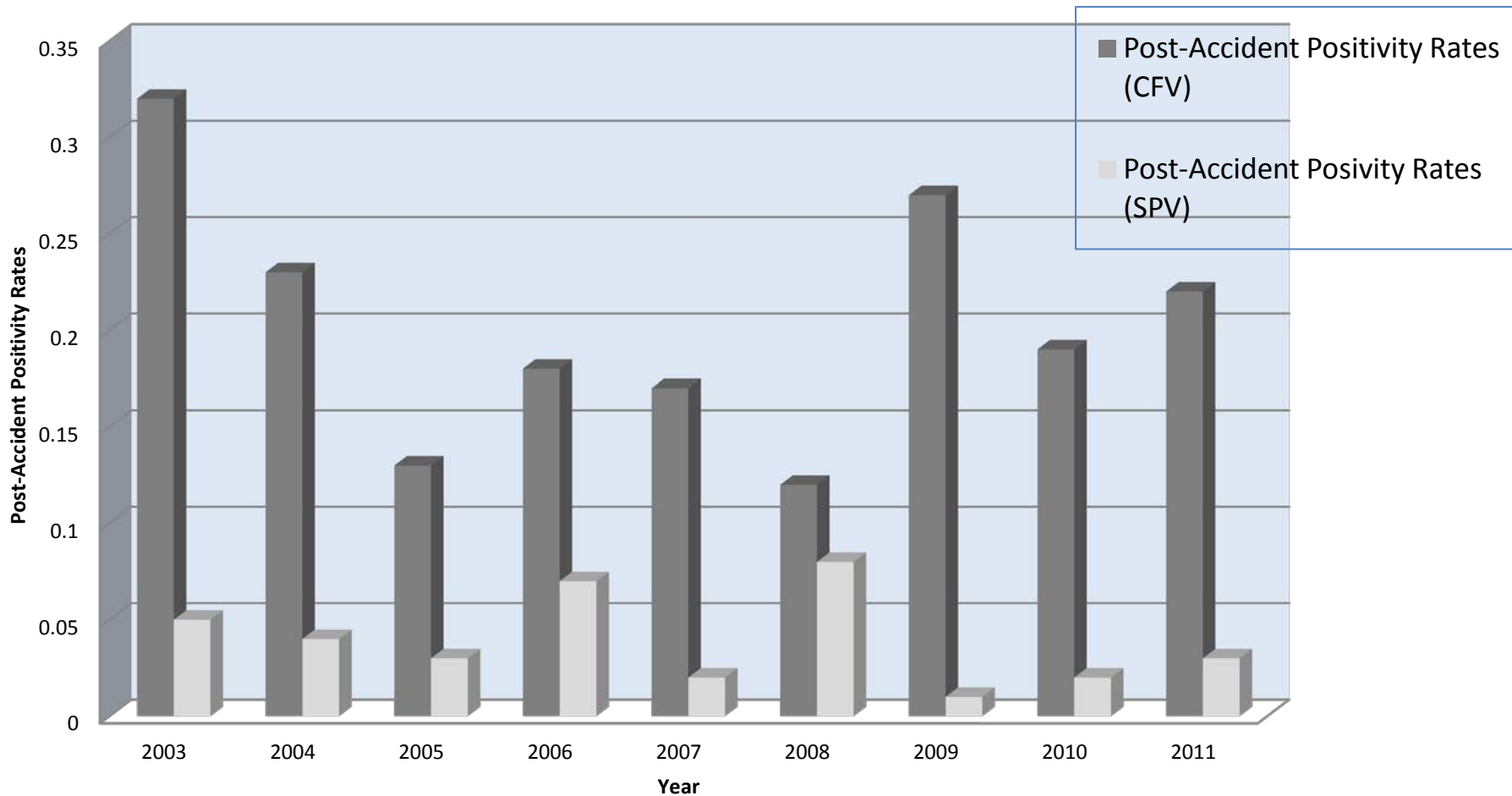


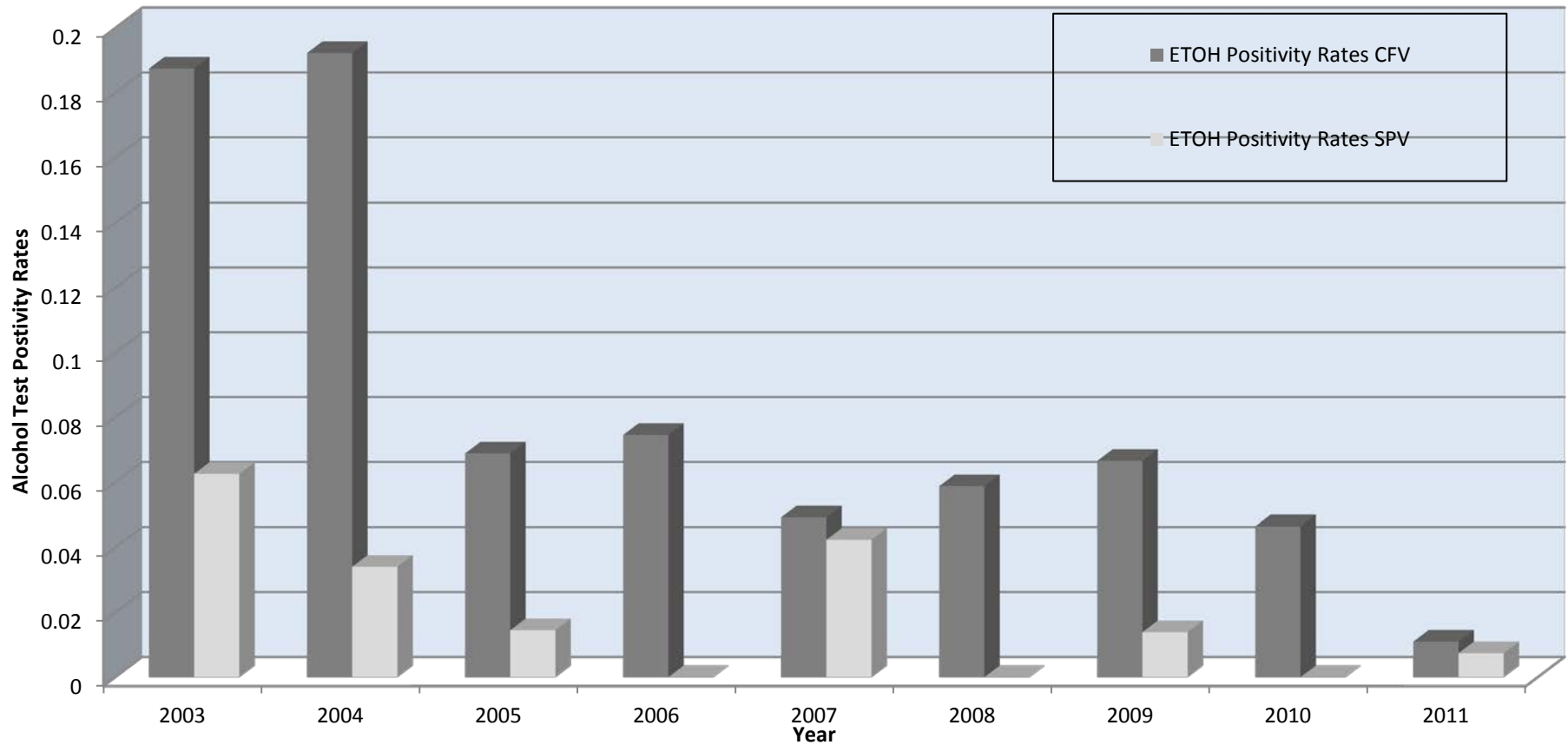
**Chemical Testing of
Commercial Vessel Personnel:
An Analysis of Archived Test
Results**

**Walter J. Brudzinski
Chief Administrative Law Judge
U.S. Coast Guard**

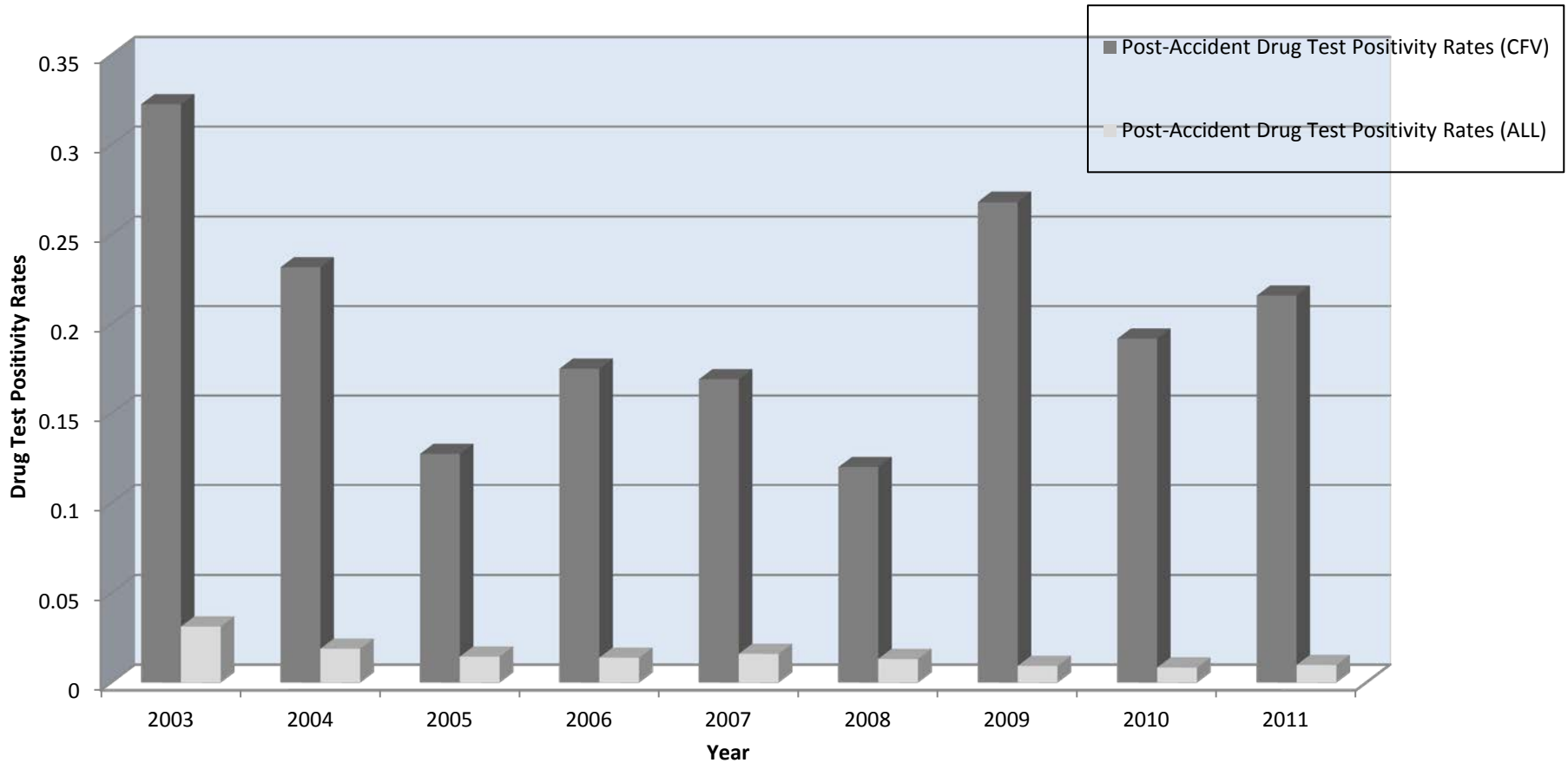
Post Accident Drug Test Positivity Rates: CFVs vs. SPVs



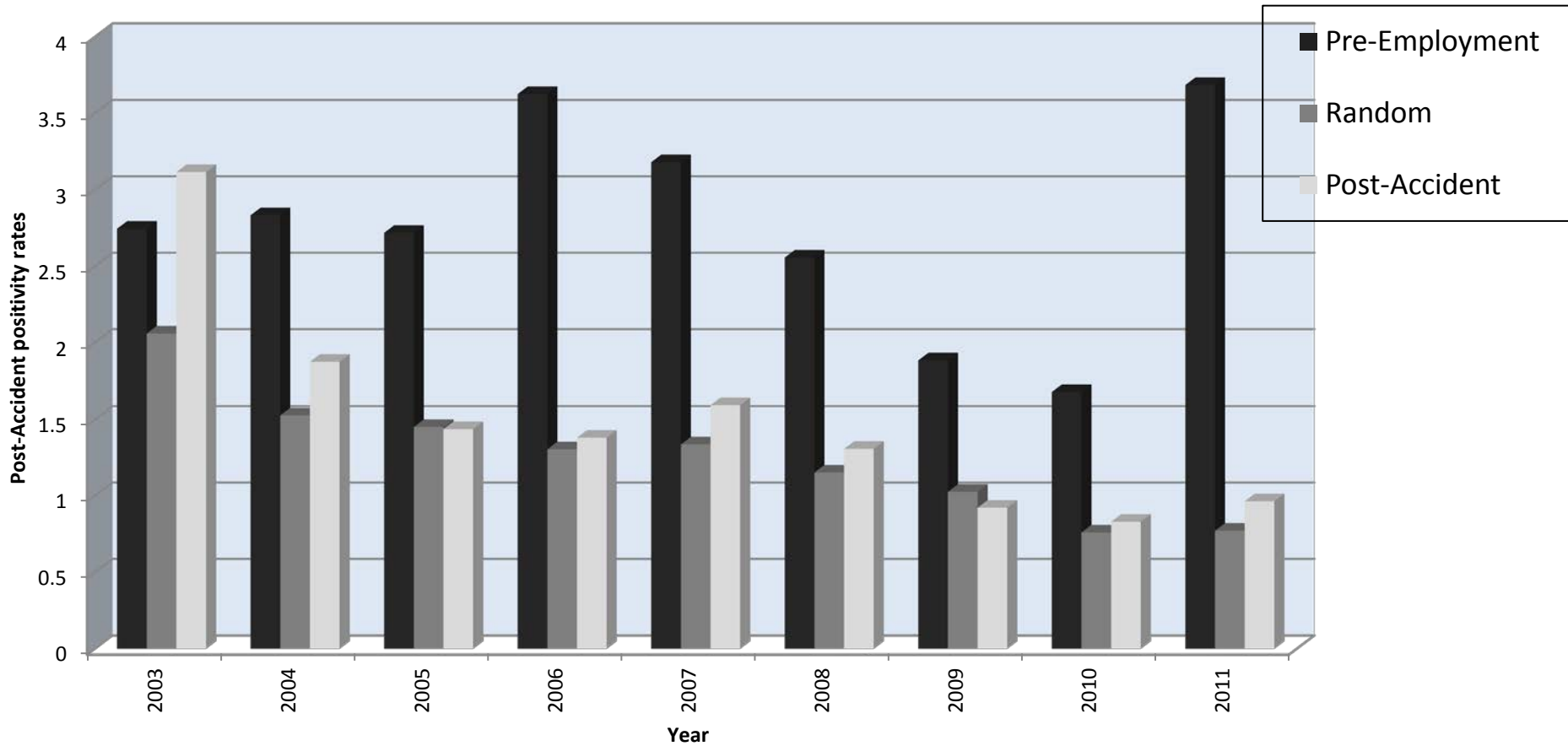
Post Accident Alcohol Test Positivity Rates: CFVs vs. SPVs



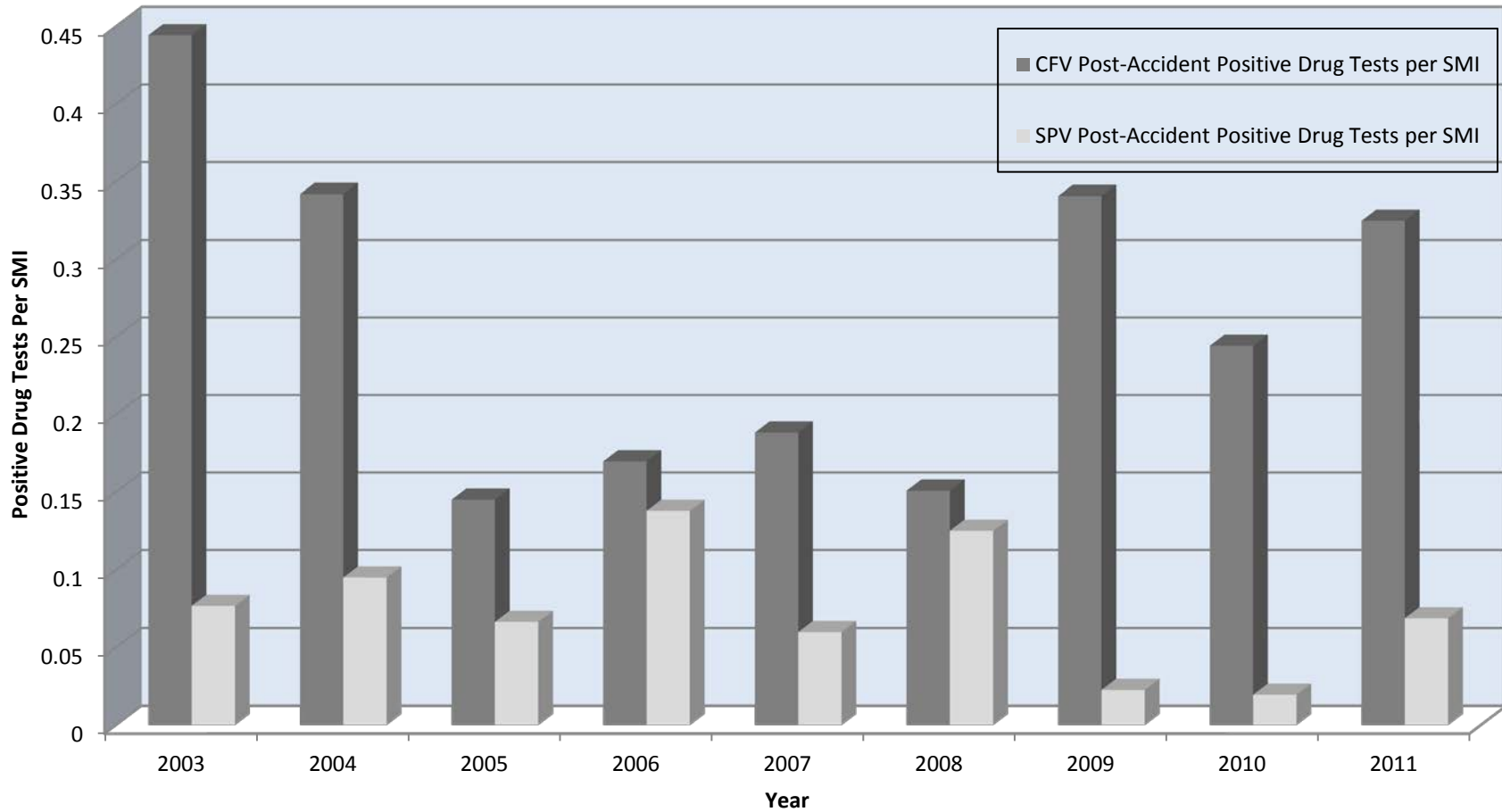
Post Accident Drug Test Positivity Rates: CFVs vs. ALL Vessels



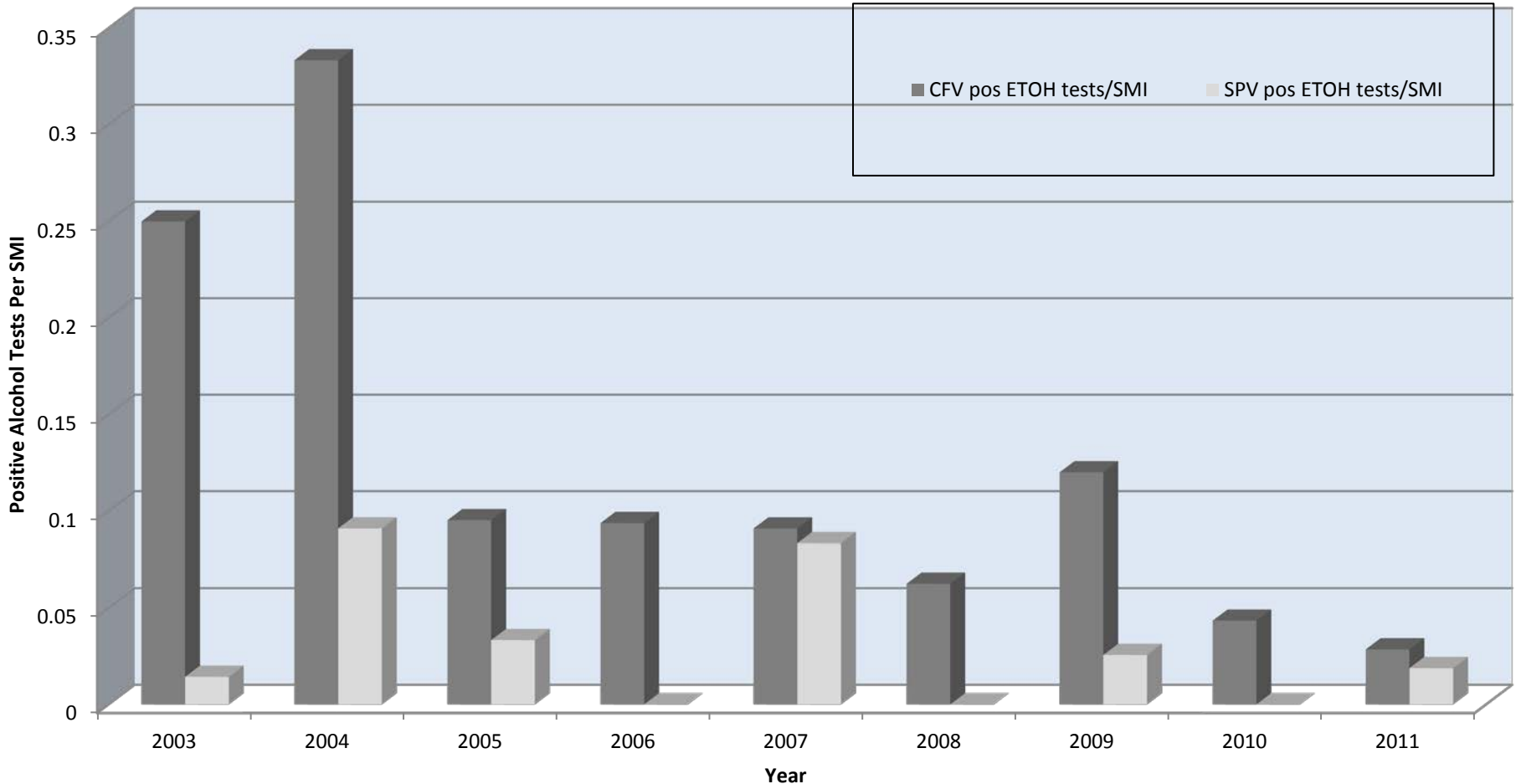
Pre-Employment, Random, and Post-Accident Drug Test Positivity Rates: All Vessels



Positive Drug Tests per Serious Marine Incident: CFVs vs. SPVs

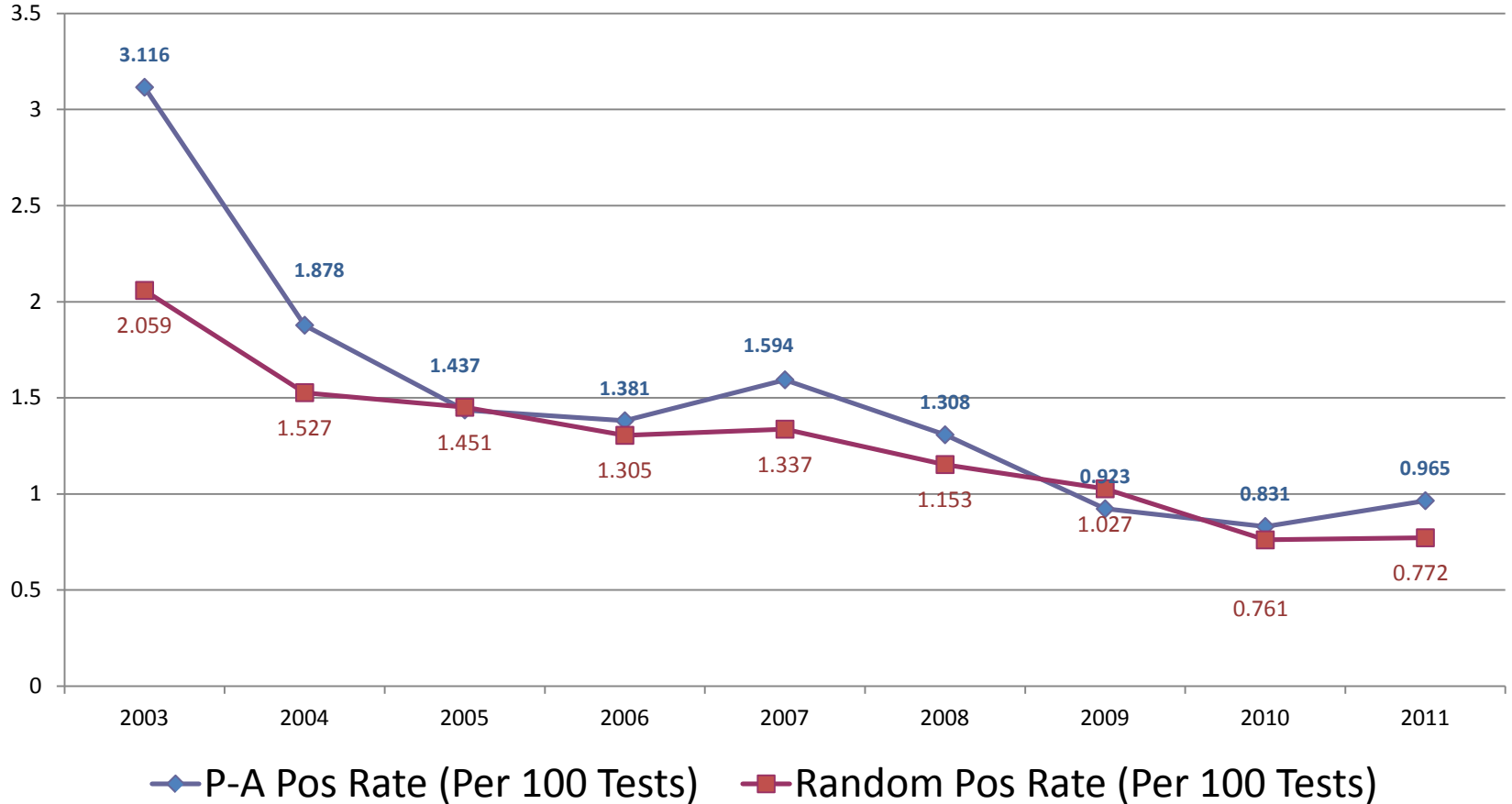


Positive Alcohol Tests per Serious Marine Incident: CFVs vs. SPVs



Random vs. Post-Accident Drug Test Positivity Rates: All Vessels

Random and Post-Accident Positivity Rates, By Year



Random vs. Post Accident Linear Relationship

Scatter Plot of MIS Reporting Data
Random Positive Rate v. Post-Accident Positive Rate

