Motor vehicle crashes caused the majority fatalities to police officers in the U. S. for more than a decade, yet little is known about factors contributing to injury crashes. This research project required original data collection. A national survey of police chiefs in state, county, and local agencies of all sizes was conducted online in June and July, 2012. Questions focused on various driving policies and practices, including those related to communication technology commonly used in police patrol vehicles. Other questions included hypothetical situations to explore the culture of driving safety in individual police organizations. The majority of chiefs clearly responded that speed is the top factor in crashes, and many believe there are other contributing factors, notably inexperience and distractions. Binary logistic regression results show agency size and policies permitting cell phone use as statistically significant predictors of injury crashes involving officers. Organizational cultures were compared with t tests.