

DEVELOPING A GLOBAL TERRORISM DATA BASE

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START

March 15, 2007

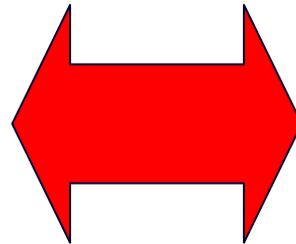
PREPARED for

DHS University Network Summit

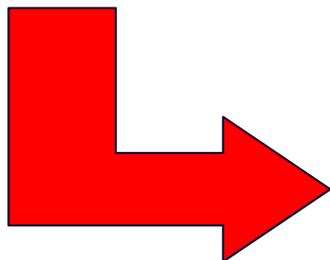
HFD and START

“Human Factors will apply the social and behavioral sciences to improve detection, analysis, and the understanding of threats posed by individuals, groups, and radical movements.”

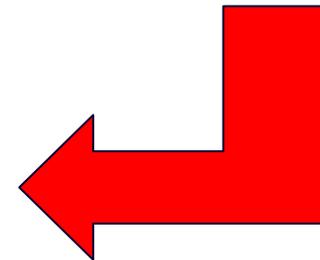
~ HFD Mission Statement



START conducts basic research on the human causes and consequences of terrorism, collecting and analyzing empirical data on terrorism and its impacts.



Global Terrorism Data Base



Terror Event Data Collections

DATABASE	SCOPE	PERIOD	# INCIDENTS
GTD	Domestic & International	1970-1997	69,138
ITERATE	International	1968-2000	10,837
TWEED (Europe)	Domestic	1950-1999	10,498
US Dept. of State	International	1980-2001	10,026
RAND	International	1968-1997	8,509
TRITON	Domestic & International	mid 2000-mid 2002	2,452
RAND-MIPT	Domestic & International	1998-2005	17,423
GORGON	Domestic & International	2000-2001	1,569
COBRA	International	1998-1999	1,041

Global Terrorism Database (GTD)

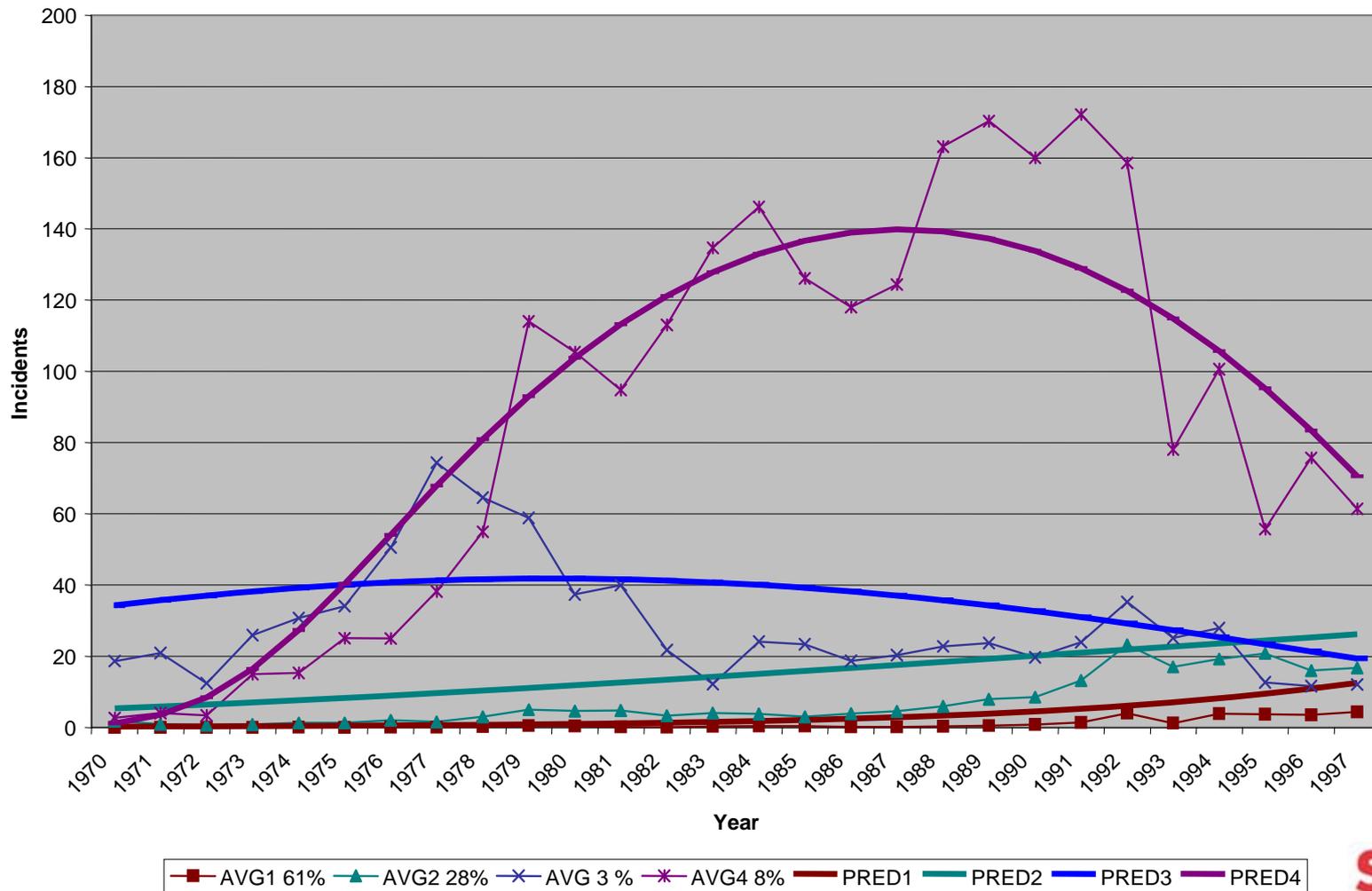
- Type of terrorist activity
 - Assassination
 - Bombing
 - Facility attack
 - Hijacking
 - Kidnapping
 - Maiming
- Incident date
- Domestic v. international
- Is U.S. the target?
- City/region/nation (*geo-coded*)
- Groups involved
- Weapons used
- Victim characteristics
- Target characteristics
- U.S. casualties & injuries
- U.S. property losses
- Incident outcome



GTD and the Study of Violent Groups

- Trajectory analysis
- Terrorist group characteristics and trends
- Diffusion analysis
- Geospatial analysis
- Time series analysis
- Case Studies

Forecasting Terrorist Trajectories



Distribution of Events by ETA in Spain, 1970-1997

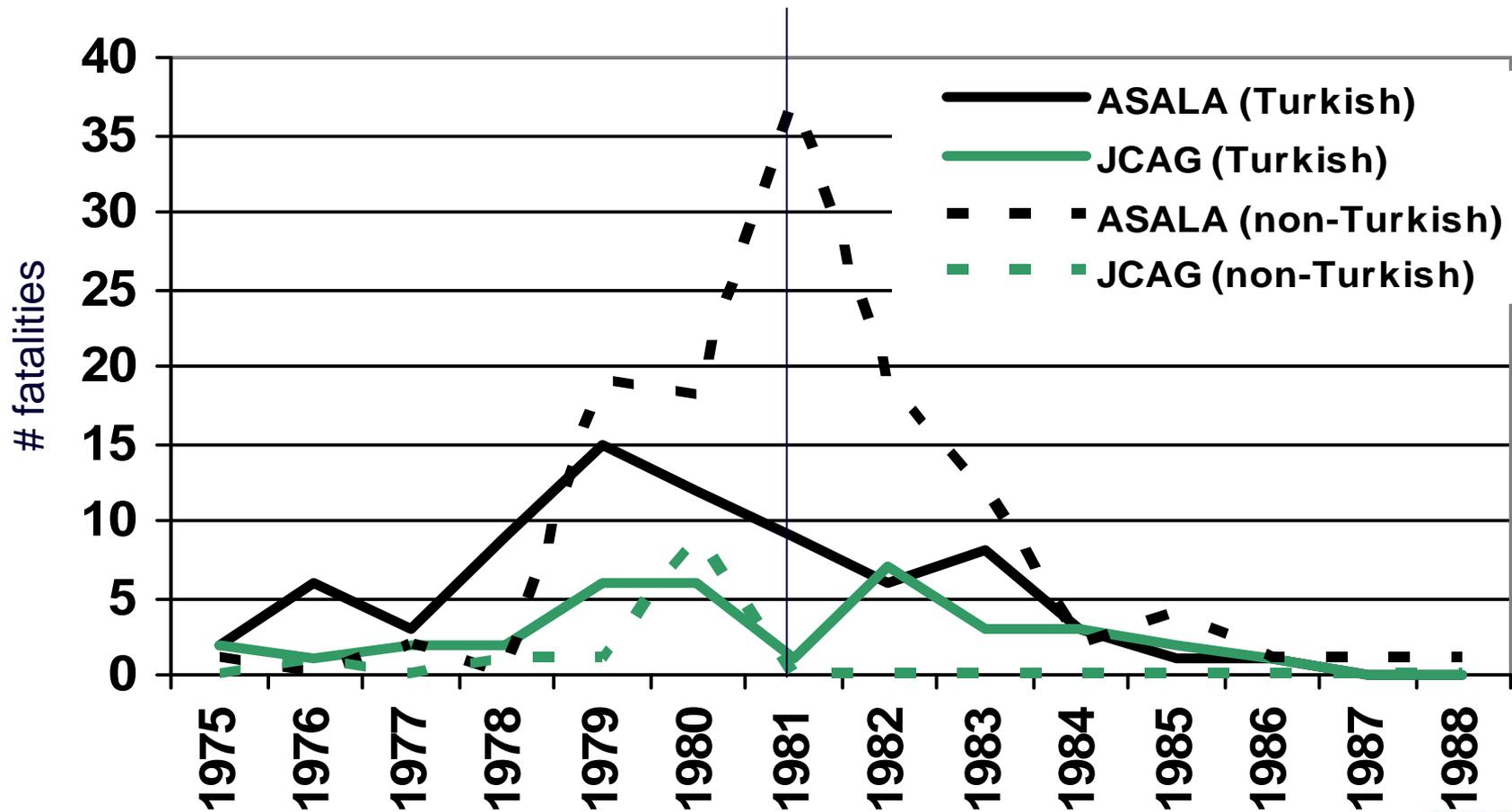
Terrorism Incidents Committed By ETA, Spain 1970



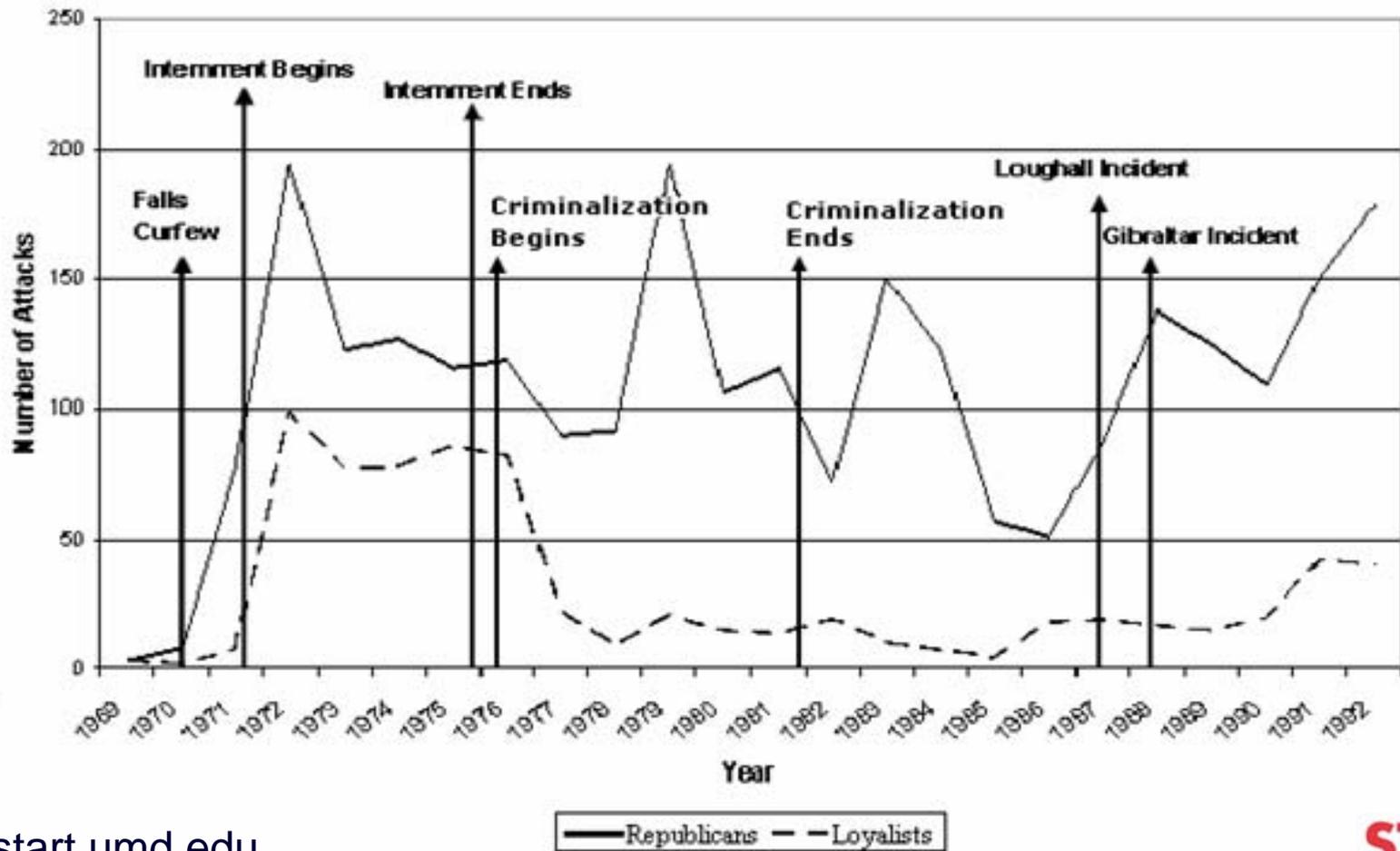
Number of Incidents

- 1
- 2 - 6
- 7 - 12
- 13 - 24
- > 24

Group Desistance: ASALA and JCAG



Impact of Counter-Terrorist Interventions in Northern Ireland



Current Status of GTD

- GTD, version 1.0: *events from 1970-1997*
 - Release for public sector scheduled for May 2007 at S&T Stakeholders Conference
 - Includes Web interface for accessing data about specific events and types of events
- GTD, version 2.0: *events from 1970-2004*
 - Supported by Human Factors Division
 - Advanced Web-based analytical tools