

An Analysis of Mass Casualty Incidents in the Setting of Mass Gatherings and Special Events

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Author's Purpose

The author's purpose of the article is to assess/guide medical services, emergency services in planning and preparing for mass casualty incidents such as nightclubs and special events.

Method of Research

The method of research was a literature search/review conducted of mass casualty incidents that took place from 1982 to 2012.

Results

Findings show 290 mass casualty incidents observed, 55% of which involved the movement of people in crowded conditions, 20% pyrotechnic failures, 13% structural failures, 9% intentional actions, and 2% toxic chemical exposures

Conclusions

The authors concluded that a centralized database must be established in order to better understand how to prevent an/or mitigate similar incidents.

Why was the research done?

The research was done to investigate these mass casualty incidents so emergency service personnel can better mitigate and manage these situations.

How does the source relate to my research?

- This source helps me understand how MCIs can be managed more effectively. The Jet Set Nightclub rooftop collapse is an example of an MCI.
- I can use the information to compare the Jet Set Nightclub response with the recommendations in the article.
- The article may also reveal weaknesses in how the Dominican government prepares for and handles emergencies like this one.

How will it help me make decisions going forward?

- This source helped me gain insight in how other Mass Casualty Incidents have been managed, allowing me to apply that knowledge to the Jet Set Nightclub collapse.
- This source is also particularly informative regarding my investigation of nightclub regulation in the Dominican Republic.

Reference

Turris, S. A., Lund, A., & Bowles, R. (2014). An analysis of mass casualty incidents in the setting of mass gatherings and special events. The Vault. <https://jibc.arcabc.ca/centre-research-innovation-scholarship-cris/analysis-mass-casualty-incident-setting-mass?>