



The Needs for Better Disaster Statistics

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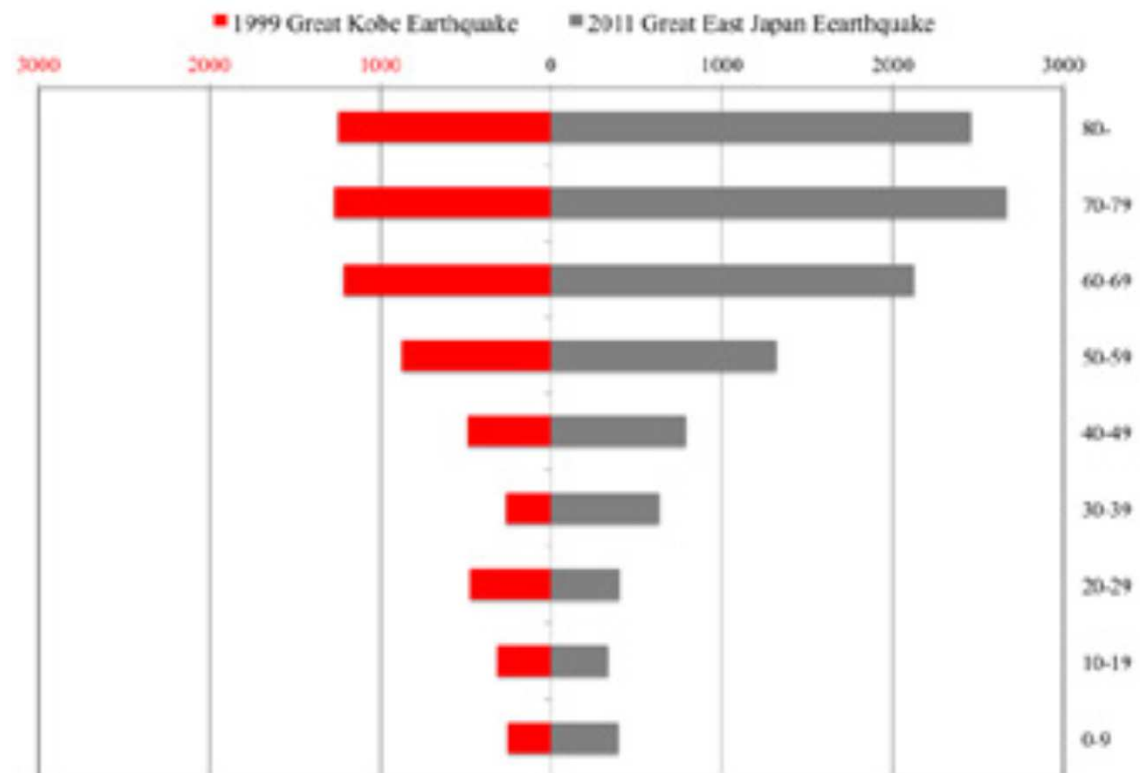
Tohoku University, Japan



What are these numbers?

Based on population data in Minami-sanriku, Miyagi Pref. as of February 2011

17,666	940	5.3%
789	112	14.0%



Casualties, by Age, due to the 2011 Great East Japan Earthquake and Tsunami and the 1995 Great Kobe Earthquake

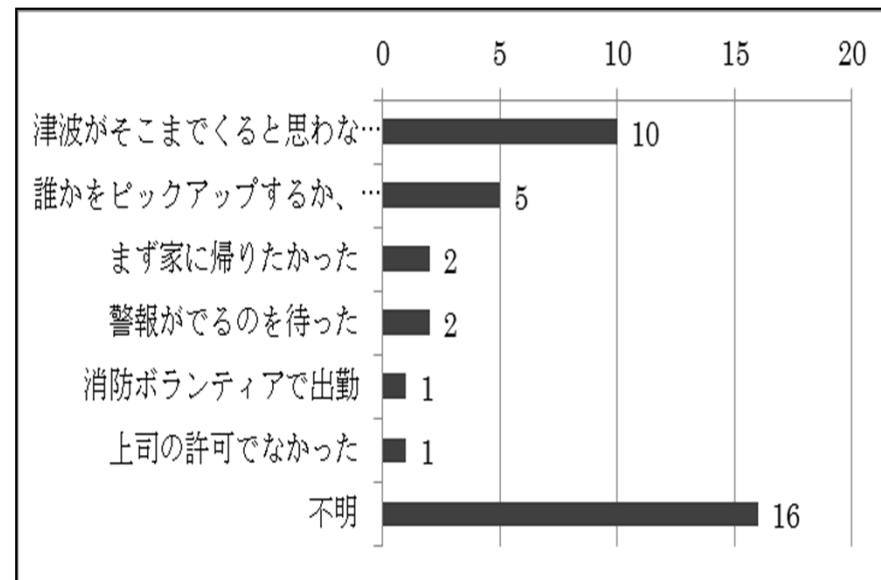


Case of Rikuzentakata, Iwate Pref.

Interviewed 37 survivors and collected information on the behaviors of 207 people, including 55 deaths (conducted in July 2011)

42/143 dead --- who?

Why not evacuated?



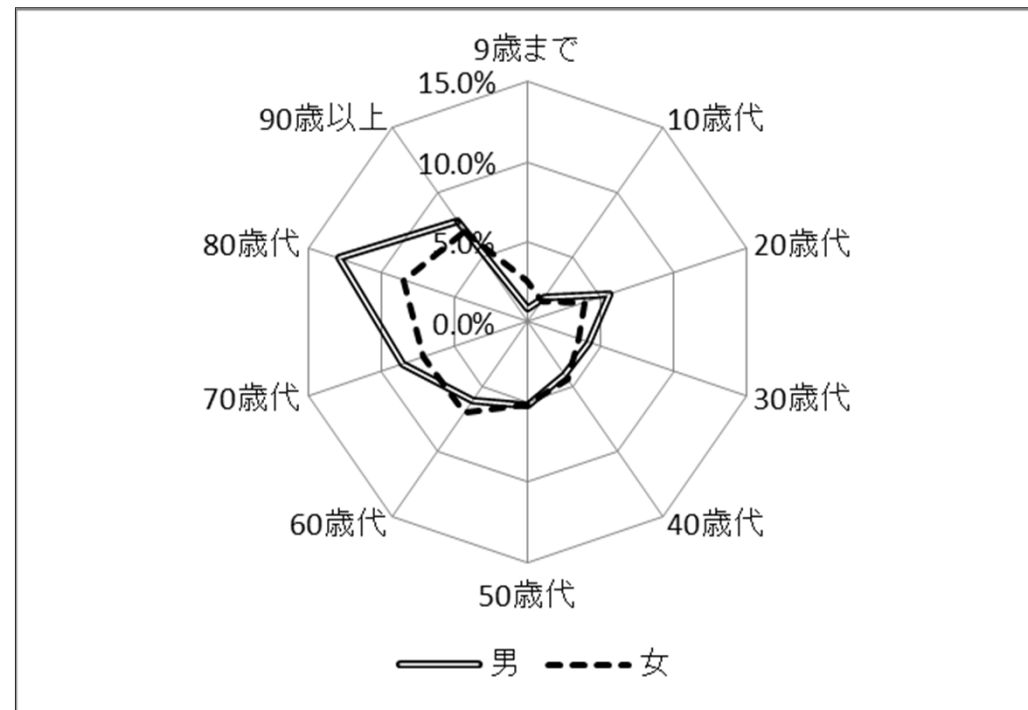


Case of Rikuzentakata, Iwate Pref.

Info from other sources

35/68 places inundated ---
what place?

27/127 firefighters dead
(Now, 15-minute rule)



Tsunami death rates per age/gender in comparison with original population in Rikuzen-takata



Disaster records, data, statistics, images, etc.

- Powerful tool for:
- Risk assessment
- Policy making
- Persuading the Ministry of Finance
- Public Awareness
- Research and Education etc.



A simple but fundamental question:

How come a country could develop effective DRR policy without accurate and dependable disaster data/statistics/records?



The value has not been well understood. We have things to do here.

The data should be provided for people



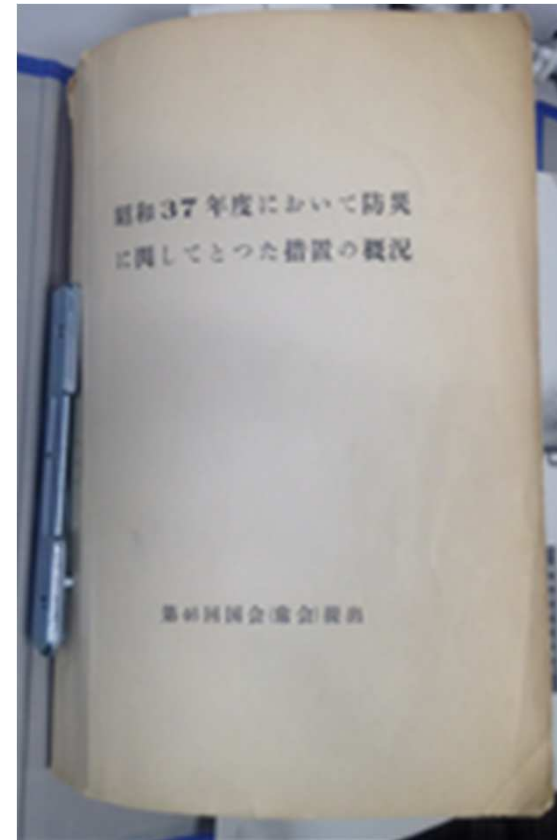
Who should do the job?

National Government!

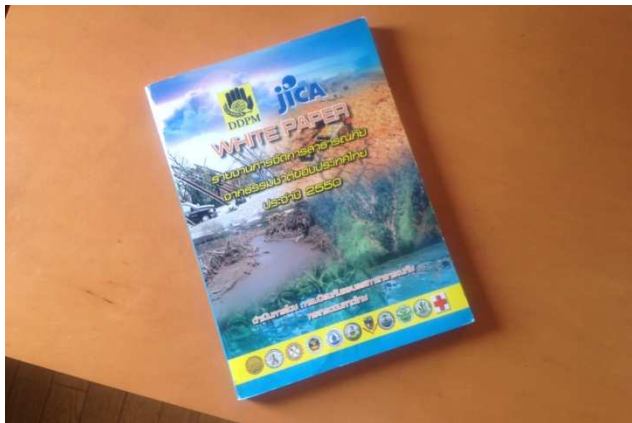
Agencies and academia take supporting roles.



The White Paper on Disaster Reduction
(Bosai Hakusho) 2013 edition



1962



2007 White Paper --- Thailand

Table of Contents

Foreword
Chapter 1 The Topography and Climate of Thailand
Chapter 2 Organization Structure and Disaster Management in Thailand

- Disaster Management System in Thailand
- Disaster Organization Structure

Chapter 3 Natural Disaster Report

- Disaster Situation during 2002-2006
- Severity Disaster Situation in 2007

Chapter 4 Global Disaster Situation
Chapter 5 Natural Disaster Management in Thailand

- Disaster Management Activities and Budget in 2007
- Large Scale Disaster Cause Analysis, Achievement and Failure and Trend of Disaster in 2007
- Future Operation Plan

Chapter 6 International Cooperation in Disaster Management
Appendix
Bibliography



The homepage of disaster data and information portal DIBI (National Disaster Management Agency 2014)

We welcome you to the 3rd World Conference on Disaster Reduction in Japan, 2015



Photo: Yuichi Ono