

# Help & Receive support to save lives

Akita Prefectural Akita Minami High School

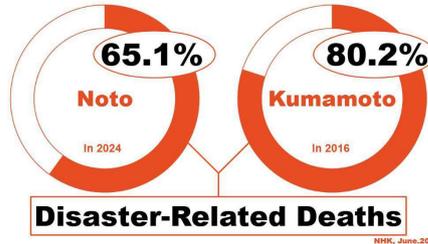


## Problem

**Disaster-related deaths** = Death from illness caused by *after disaster life*

Account for a large percentage

ex. Noto peninsula earthquake  
→ 65% of victims  
Kumamoto earthquake  
→ 80% of victims



Long-term evacuation...

## Our findings

### Causes of Disaster-Related Deaths

- Physical and mental stress
- Poor living conditions
- Inefficient supply of materials
- Hesitation to voice one's requests

Main issue: The current supply system  
“Push support”

The government quickly sends some items before evacuees ask for them.

imbalance between supply and demand

## Suggestion



**D**isaster  
**E**mergency  
**M**anagement  
**A**nd  
**N**eeds  
**D**istribution

DEMAND allows evacuees to send a collection of their requests directly to the shelter's management team using a smartphone or a shared device.

- (1) Provide basic personal information
- (2) Receive a QR code
- (3) Scan the QR code
- (4) Access “DEMAND” to submit requests

### < Advantage >

- Automatic system  
⇒ Easy for evacuees to ask things
- Reduce stress  
⇒ The app handles complaints
- Right distribution of goods  
⇒ Improved shelter management



## Conclusion

The key is to find a balance between giving and receiving support. By introducing DEMAND, evacuation shelters can be transformed into a safer and more stress-free places.