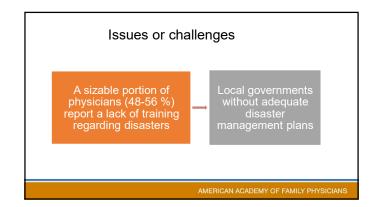


	Types of Disasters	
Natural Meteorological (eg, hurricane, bitzzard, heat/cold wave) Geological (eg, earthquake, volcanic eruption, flood) Other (eg, fire, explosion, disease outbreak)	Accidents Transportation (eg, airplane, bus, train) Structural (eg, building or bridge collapse) Nuclear (eg, radioactive waste release, meltdown) Agricultural or Industrial (eg, hazardous chemical or biological spill or other exposure, fre, explosion)	Intentional Acts of Violence Bombing Shooting Nuclear/Radiological (eg. fissile bomb, "dirty" bomb, or other types of radiological poisoning) Biological Agent Bacteria, Virus, Toxin Chemical Agent Nerve agent, Bilster agent, Precursors, Choking Agents, Biod agents, Riot control agents



2019 AAFP Global Health Summit. Albuquerque, New Mexico Kim Yu, MD, FAAFP, Vituity, California, USA @drkkyu #inspirecreatelead

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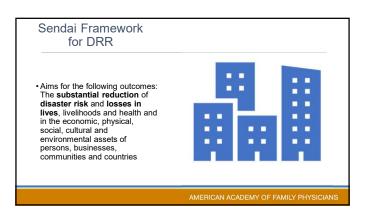




## **Disaster Risk Reduction**

Disaster risk reduction is a systematic approach to identifying, assessing and reducing the risks of disaster. It aims to reduce socio-economic vulnerabilities to disaster as well as dealing with the environmental and other hazards that trigger them.

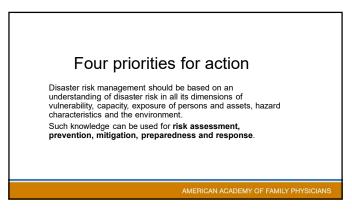
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# Sendai Framework for Disaster Risk Reduction

This is an international document which was adopted by the United Nations member states between  $14^{\rm th}$  and  $18^{\rm th}$  of March 2015 at the World Conference on Disaster Risk Reduction held in Sendai, Japan in June 2015.

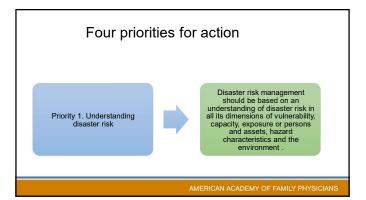
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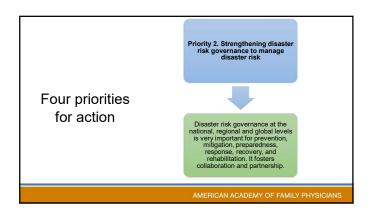


Sendai Framework for Disaster Risk Reduction (2015–2030)

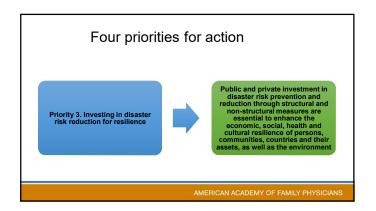
The Sendai Framework is a 15-year, voluntary, non-binding agreement which recognizes that the State has the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders.

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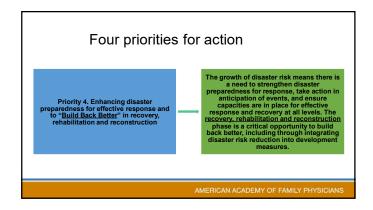




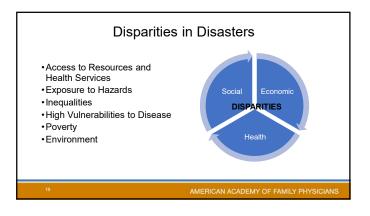
Seven Global Targets	Mortality     Affected people     Economic loss     Damage to critical     infrastructure & disruption     of basic services	Countries with national i local DRR strategies     International cooperation developing countries     Availability and access t multi-hazard early warni systems & disaster risk information and assessments
	Damage to critical infrastructure & disruption	<ul> <li>Availability and multi-hazard e systems &amp; disa information an</li> </ul>



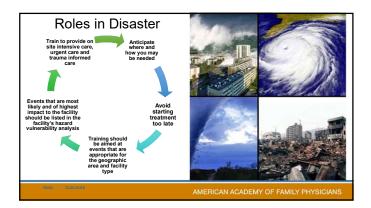




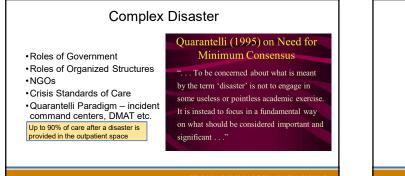




































### Prepare prepare prepare

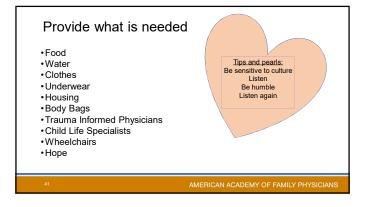
Emergency Bag

- •Food
- •Water
- •Medications
- •Light •Power
- •Psychological First Aid Training

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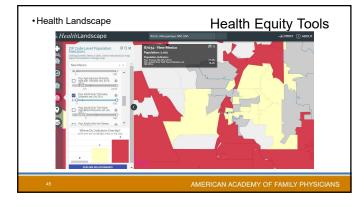


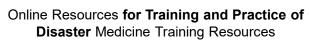




The clinical competence to provide effective care in a setting of extremely limited resources.

A basic knowledge of the National Incident Management System (NIMS) and the Incident Command System (ICS), including its application to the planning, coordination, and execution of disaster sectors disaster responses An understanding of psychological first aid and caring for responders.





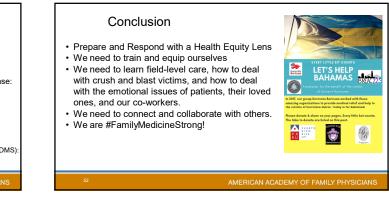
 Advanced Trauma Life Support: www.facs.org/trauma/atls/index.html American Heart Association (advanced cardiac life support [ACLS] course): www.americanheart.org/presenter.jhtml? identifier= 3011972 American Heart Association (pediatric advanced life support [PALS] course):
 www.americanheart.org/presenter.jhtml? identifier=3012001

- Comprehensive Advanced Life Support (CALS): www.calsprogram.org/
- · Federal Emergency Management Agency (NIMS, ICS, and other online
- training): www.fema.gov/about/training/index.shtm
- · International Critical Incident Stress Foundation (management information and training): www.icisf.org/
- · JumpSTART Pediatric Triage Tool: www.jumpstarttriage.com/ National Disaster Life Support Foundation: www.bdls.com/

#### General Resources

- American Academy of Family Physicians: www.aafp.org
- American Hospital Association (AHA) Emergency Readiness:
- www.hospitalconnect.com/aha/key\_issues/disaster\_readiness/
- American Medical Association: www.ama-assn.org
- Association of State and Territorial Health Officials: www.astho.org
- Centers for Disease Control and Prevention: www.cdc.gov
   Centers for Disease Control and Prevention Emergency Preparedness and Response:
   www.bt.cdc.gov
- · Federal Emergency Management Agency: www.fema.gov
- Johns Hopkins Office of Critical Event Preparedness and Response (CEPAR):
- www.hopkins-cepar.org/
- US Army Medical Research Institute of Infectious Diseases:
- www.usamriid.army.mil/index.htm
- US Department of Health and Human Services National Disaster Medical System (NDMS): www.hhs.gov/aspr/opeo/ndms/

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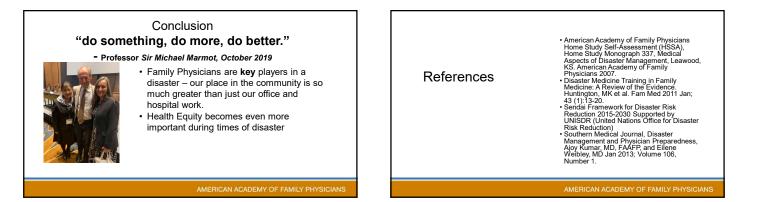
### **Role Play**

- Break into teams
- Assign the following roles: Team Leader, Supply coordinator, Transportations, Safety manager, Food/water, Communications. Also assign a time keeper to keep your team on task. You have 7 minutes. Be prepared to report out what your group's plan will be.
- Create a flow sheet highlighting what you will do for each role in the event of the following disaster
- Disaster description you are in a community of 10,000. An earthquake 8.3 on richter scale has devastated your town. Many buildings collapsed. There are only 5 doctors to help. The hospital in town is non operational. You have one small clinic that has one room that is usable. You have intermittent electricity, and little water left. Only one street comes in and out of town. The nearest large town is 6 miles away. They also are devastated.

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