

PB: FY16

“NOAA requests the following decrease for this sub-activity:

- A decrease of 0 FTE and \$6,000[K] to terminate NOAA’s partner funding for education and awareness grants through the National Tsunami Hazard Mitigation Program.

NOAA is committed to maintaining its strong tsunami warning program and will continue ongoing tsunami education, outreach, and awareness activities through the TsunamiReady Program.”

End-to-End Sustainability: *Capability v. Investment*

What investment in Education, Outreach and Mitigation activities are required in order to achieve “End-To-End” National Tsunami Preparedness capability?

Capability ~ TR Foundational Requirements

1. Alerting

- Connectivity to official broadcasts
- Alarming and Notification

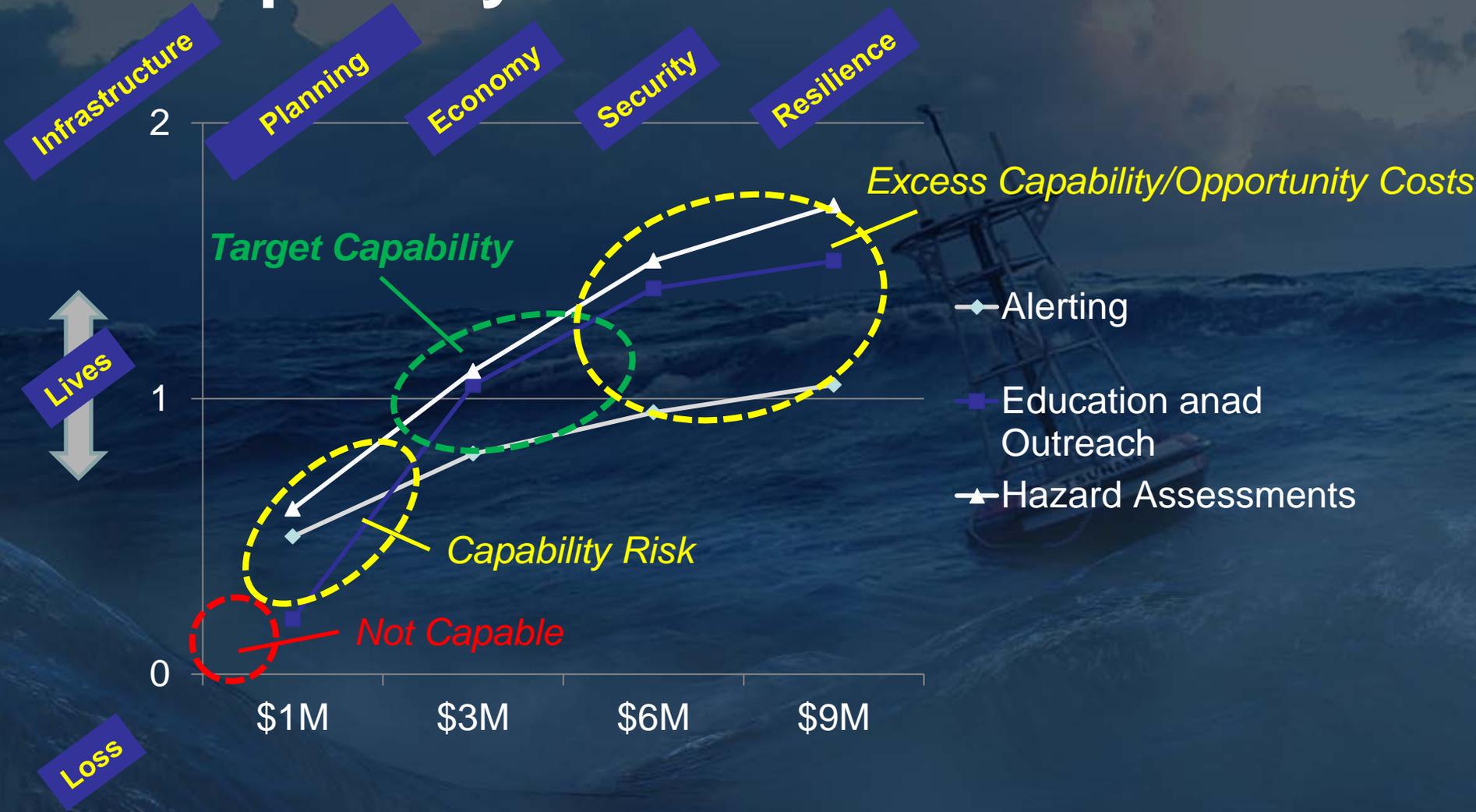
2. Communications, Outreach, and Education

- Outreach
- Evacuation/Signage

3. Hazard Assessments

- Models
- DEM
- Inundation maps

Capability v. Annual Investment



Investment Categories

1. \$0-1M: *Not Capable*

- Cannot maintain state/local mitigation staff
- Outreach/education efforts limited to WFOs
- Existing TR Designations unsustainable

2. \$1-2M: *Capability Risk*

- Maintain some level of state/local mitigation staff
- No advancements in local alerting or hazard assessments
- Limited new TR Designations

3. \$2-6M: *Target Capability*

- Maintain sufficient level of state/local mitigation staff
- Some advancements in local alerting or hazard assessments
- New TR Designations/Redesignations in line with GIPR

4. >\$6M: *Excess Capability/Opportunity Costs*

- Detailed local hazard assessments
- Sophisticated evacuation planning
- Resilience activities

Summary

1. NOAA needs to invest on the order of \$2-6M/yr in order to sustain Tsunami Hazard Mitigation Capability.
2. NTHMP partners represent the best fielding activity for this investment
3. NTHMP Investments outside target area represent risk in terms of:
 - Capability
 - Opportunity

FY15 Budget (ROM)

FY 15 Appropriation: \$27M (House Commerce, Justice, Science, and Related Agencies Appropriations Subcommittee Report for FY15 (H. Rept. 113-448))

ROM Planning:

- \$11.5M: DART O&M (OBS PPA)
- \$6M: NTHMP Grants
- \$5.4M: Operations (TWCs, ITIC, CTWP)
- \$1.1M: R&D (PMEL)
- \$1M: NOS Gauge O&M
- \$0.8M: NGDC (DEM, Archiving)
- \$0.7M: Program Support and Administration
- \$0.5M: Other SL/Seismic networks/data

Preparedness ~ Operations