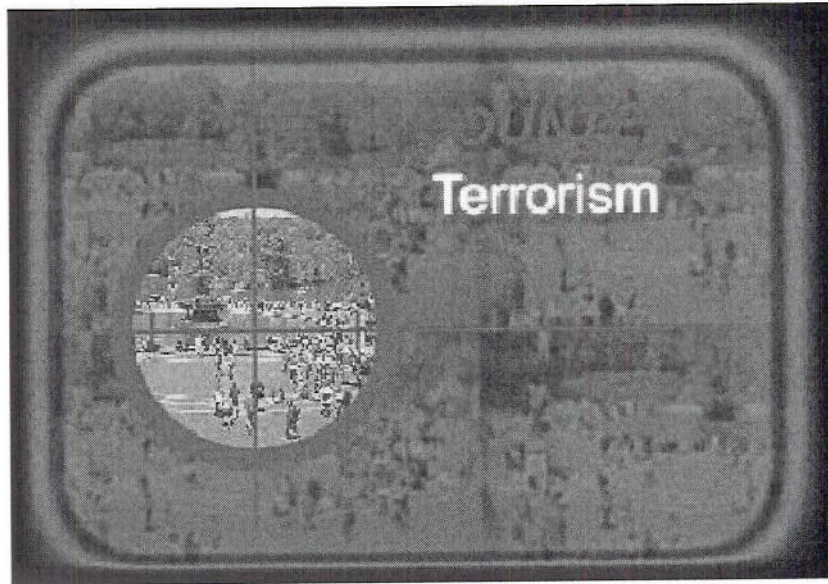


Counter Terrorism Operational Program

Student Handout



Biological Agent Reference Chart

Agent	Persistence	Dissemination	Transmission (person to person)	Incubation	Lethality
Anthrax	Spores remain viable in soil for years	Spores in aerosol	No (except cutaneous)	1-5 days	High
Cholera	Unstable in aerosols and water	Ingestion and aerosol	Rare	12 hours to 6 days	Low with treatment
Plague	1 year in soil; 270 days in bodies	Aerosol	High	1-3 days	High if untreated
Tularemia	Months in moist soil	Aerosol	No	1-10 days	Moderate if untreated
Q Fever	Months	Ingestion and aerosol	Rare	14-16 days	Very low
Smallpox	Very stable	Aerosol	High	10-12 days	Low
VEE	Unstable	Aerosol and infected vectors	Low	1-6 days	Low
Ebola	Unstable	Contact and aerosol	Moderate	4-16 days	Moderate to high
Botulinum Toxin	Weeks	Ingestion and aerosol	No	Hours to days	High
T-2 Mycotoxins	Years	Ingestion and aerosol	No	2-4 hours	Moderate
Ricin	Stable	Ingestion and aerosol	No	Hours to days	High
Staphylococcal Enterotoxin B	Resistant to freezing	Ingestion and aerosol	No	Hours	<1%

Massachusetts Chemical/Radiological/Biological Incident Response Activation Levels

State/District Hazmat Team

Tier	Response	Situation
1	TOMs Unit (ORU Optional) (5 Techs)	Hazard & Risk Assessment or Suspicious Substance Investigation
2	TOMs Unit & ORU (1/2 Team)	Short Term Entry Operation
3	TOMs Unit & ORU (s) (Full Team)	Long Term and/or <u>Immediate Life Safety Risk</u>
4	Multi-Team	Major Release or <u>Extended</u> Operation
5	Full Hazmat System, plus Bomb Squad and CST activated	WMD or Mass Casualty

Statewide Mass Decontamination Response System

Level	Response	Situation	State Hazmat Response
Mass Decon A	I/C requests specific MDUs (deployment not pre-planned)	<u>Limited</u> /controlled event.	Tier 3
Mass Decon B	1-2 District MDUs to Scene & MDUs to <u>local</u> hospitals	<u>Moderate</u> ; single facility limited occupancy (office building)	Tier 3
Mass Decon C	5 - 7 MDUs to scene & hospitals in effected & surrounding fire districts covered by MDUs	<u>Major</u> ; Shopping Mall, Public Arena or multiple buildings	Tier 5
Mass Decon D	Up to 17 District MDUs to scene. Most hospitals in the state covered by MDUs	<u>Extreme</u> ; Wide geographic area or major event	Tier 5

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<http://www.splcenter.org>

<https://emergency.cdc.gov/bioterrorism/>

<https://www.cdc.gov/vhf/index.html>

<http://www.nationalterroralert.com/>

<http://www.us-cert.gov/>

<http://cve.mitre.org/>

<http://www.state.gov/>

<http://www.fbi.gov/>

<http://english.aljazeera.net>

<http://www.msisac.org/>

<http://www.intelcenter.com/>

<http://www.tsa.gov/>

<http://www.usamriid.army.mil/>

http://www.nti.org/e_research/report_cnwmupdate2005.pdf

<http://www.dhs.gov/index.shtm>

<https://www.iad.gov/ioss/>

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<http://www.ahrq.gov/>

<http://training.fema.gov/emiweb/edu/docs/Wayne%20Bibliography.pdf>

<http://www.fas.org/irp/doddir/army/ied-smartcard.pdf>

<http://www.fas.org/main/home.jsp>

<http://www.pbs.org/wgbh/pages/frontline/shows/knew/>

<http://www.elenafilatova.com/>

<http://www.homeland1.com/>

http://www.fema.gov/pdf/plan/prepare/faatlist07_09.pdf

<http://www.remm.nlm.gov/nuclearexplosion.htm>

<http://www.tswg.gov/>

<http://www.remm.nlm.gov/PlanningGuidanceNuclearDetonation.pdf>

<http://www.atsdr.cdc.gov/>

http://www.dhs.gov/xabout/structure/gc_1220886590914.shtm

<http://www.bordeninstitute.army.mil/published.html>

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<http://www.epa.gov/radiation/>

https://www.fema.gov/media-library-data/20130726-1919-25045-0892/communicating_in_the_immediate_aftermath__final_june_2013_508_ok.pdf

https://www.ise.gov/sites/default/files/Intelligence%20Guide%20for%20First%20Responders_web.pdf

<https://www.hsdl.org/?abstract&did=789035&fromemail=1>

<http://www.dhs.gov/chemical-facility-anti-terrorism-standards>

<http://getlinkinfo.com/>

<http://www.phmsa.dot.gov/hazmat/erg-mobile-app>

<https://www.remm.nlm.gov/downloadmremm.htm>

https://wiser.nlm.nih.gov/choose_platform.html

<https://cameochemicals.noaa.gov/>

<http://wow.uscgaux.info/content.php?unit=Q-DEPT&category=new-im-handbook>

<https://www.dhs.gov/sites/default/files/publications/IND%20Health%20Safety%20Planners%20Guide%20Final.pdf>

<http://www.spoke.com/>

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<https://www.intelius.com/>

<https://www.reddit.com/r/RBI/>

<http://radaris.com/>

Reading List

The Man Who Warned America: The Life and Death of John O'Neill, the FBI's Embattled Counterterror Warrior (Hardcover) by Murray Weiss

Inside the Red Zone: by Igor V. Shafhid, June Summers

The Hot Zone: A Terrifying True Story (Mass Market Paperback)

The Demon in the Freezer: A True Story (Hardcover)

By Richard Preston

Germes: Biological Weapons and America's Secret War (Paperback)

by Judith Miller, William Broad, and Stephen Engelberg

Biohazard: The Chilling True Story of the Largest Covert Biological Weapons Program in the World--Told from Inside by the Man Who Ran It (Paperback) by Ken Alibek, Stephen Handelman

The Clash of Civilizations and the Remaking of World Order (Paperback) by Samuel P. Huntington

Through Our Enemies' Eyes: Osama Bin Laden, Radical Islam & the Future of America (Paperback) by Michael Scheuer

Imperial Hubris: Why the West is Losing the War on Terror (Hardcover) by Michael Scheuer

The Crisis of Islam: Holy War and Unholy Terror (Hardcover)

by Bernard Lewis

Lab 257: The Disturbing Story of the Government's Secret Plum Island Germ Laboratory (Hardcover) by Michael C. Carroll

Hot Zone Forensics (Hardcover) by Steven C. Drielak

Lone Wolf: Eric Rudolph: Murder, Myth, and the Pursuit of an American Outlaw (Hardcover) by Maryanne Vollers

The Suicide of Reason: by Lee Harris (Hardcover)

One Second After: by William R. Forstchen

United States of Jihad: Investigating America's Homegrown Terrorists: by Peter Bergen

Defeating Jihad: The Winnable War Hardcover – April 11, 2016 by Sebastian Gorka