Key: High Containment Labs and Other Facilities of the US Biodefense Program

This map shows existing biosafety level three and four facilities used in US biodefense research, as well as planned biodefense labs. It also shows important aerosol facilities and open air testing locations used in biodefense. BSL-3/4 facilities not known to be heavily dedicated to biodefense are not indicated here.

**Operational BSL-4 Facilities**
- USAMRIID Fort Detrick, Frederick, Maryland
- DCLS "Biotech Six", Richmond, Virginia
- Centers for Disease Control, Atlanta, Georgia (x2)
- Univ. of Texas Medical Branch, Galveston
- Southwest Fdn for Biomed. Res., San Antonio, TX

**Planned / Under Construction BSL-4 Facilities**
- Boston University, Boston, Massachusetts
- NIH Integrated Res. Fac., Frederick, Maryland
- DHS NBACC (Phase 1), Frederick, Maryland
- USAMRIID (Phase 1), Frederick, Maryland
- USDA Planned Facility, Frederick, Maryland
- Univ. of Texas Medical Branch, Galveston
- Rocky Mountain Labs, Hamilton, Montana

**Operational BSL-3 Facilities**
- Harvard University, Cambridge, MA
- Cornell University, Ithaca, New York
- DHS / USDA Plum Island, New York
- CALSPAN-UB, Buffalo, New York
- SUNY, Stony Brook, New York
- PHRI, Newark, New Jersey
- Wadsworth Center, Albany, New York
- University of Pennsylvania, Philadelphia
- Thomas Jefferson University, Philadelphia
- University of Pittsburgh, Pittsburgh
- Armed Forces Inst. of Pathology, Washington, DC
- Naval Medical Research Ctr., Silver Spring, Maryland
- University of Maryland CARB, Rockville
- US Army SBCOMs, Aberdeen, Maryland
- University of Maryland, Baltimore
- Southern Research Institute, Birmingham, Alabama
- Versar, Gaithersburg, Maryland
- The Pentagon, Northern Virginia
- American Type Culture Collection, Manassas, VA
- George Mason University, Manassas, Virginia
- Naval Surface Weapons Center, Dahlgren, VA
- Commonwealth Biotechnologies, Richmond, VA
- Virginia Commonwealth University, Richmond
- University of Kentucky, Lexington
- Oak Ridge National Laboratory, Tennessee
- Wake Forest University, Winston-Salem, NC
- Emory University, Atlanta, Georgia
- USDA FSIS / MOSPL, Athens, Georgia
- Midwest Research Institute, Palm Bay, Florida
- University of Miami, Florida
- EUA, Cincinnati, Ohio
- Battelle Memorial Inst., West Jefferson, Ohio
- IITRI, Chicago, Illinois
- University of Wisconsin-Madison
- St. Louis University, St. Louis, Missouri
- Midwest Research Inst., Kansas City, Missouri
- University of Nebraska, Lincoln
- Southern Research Inst., Birmingham, Alabama
- Louisiana State University, Baton Rouge
- University of Texas Health Science Center, Houston
- University of Texas Southwestern, Dallas
- University of Texas Health Science Center, San Antonio
- Lackland Air Force Base, San Antonio, TX
- Texas Technological University, Lubbock
- Texas A&M University, College Station
- Oklahoma State University, Stillwater
- Colorado State University, Ft. Collins, Colorado
- Centers for Disease Control, Ft. Collins, Colorado
- Los Alamos National Lab, Los Alamos, New Mexico
- Lovelace Institute, Albuquerque, New Mexico
- University of New Mexico, Albuquerque
- US Army Dugway Proving Ground, Utah
- Northern Arizona University, Flagstaff
- University of California, Irvine
- University of California, Los Angeles
- San Diego State University, California
- Scripps Research Inst., La Jolla, California
- Lawrence Livermore Lab, Livermore, California
- University of Washington, Seattle

**Operational BSL-3 Facilities**
- USDA Planned Facility, Frederick, Maryland
- USDA Planned Facility, Frederick, Maryland
- Univ. of Texas Medical Branch, Galveston
- Rocky Mountain Labs, Hamilton, Montana

**Planned / Under Construction BSL-3 Facilities**
- University of Hawaii, Manoa
- Bioweapons Agent Production Facilities
- US Army Dugway Proving Ground, Utah
- Biodfense Aerosol Facilities
- CALSPAN-UB, Buffalo, New York
- US Army Aberdeen Proving Ground, MD
- George Mason University, Manassas, VA
- Midwest Research Institute, Kansas City, MO
- Lovelace Institute, Albuquerque, NM
- US Army Dugway Proving Ground, Utah
- Open-Air Testing Facilities
- US Army Dugway Proving Ground, Utah
- Nevada Test Site (proposed)
- White Sands Missile Range, NM (probable)

**Classified or Secretive Research**
- US Army Aberdeen Proving Ground, MD
- USAMRIID Fort Detrick, Frederick, MD
- Versar, Gaithersburg, MD
- Commonwealth Biotechnologies, Richmond, VA
- Southern Research Institute, Birmingham, AL
- Battelle Institute, Columbus /W. Jefferson, OH
- Southwest Fdn for Biomed. Res., San Antonio, TX
- Texas Technological University, Lubbock
- DTRA et. al., Kirtland / Albuquerque, NM
- US Army Dugway Proving Ground, UT

**Notable (Known) Recent US Accidents and Releases**
- Lab-acquired Tularemia (3x), Boston Univ, MA (2004)
- Plague-infected mice "lost", UMNJ, Newark, NJ (2005)
- Anthrax in letters from Ft. Detrick (probable), MD (2001)
- Anthrax-contaminated offices, Ft. Detrick, MD (2002)
- Live anthrax shipped as "dead", SRI, Frederick, MD (2004)
- H5N2 flu in test kits, Meridian Biosci., Cincinnati, OH (2005)
- Wyndmoor, PA (2002)
- Lab-acquired Tularemia (3x), Boston Univ, MA (2002)
- Live anthrax mishandled, Oakland Children's Hosp, CA (2004)

**Wants to Construct a BSL-4 Lab (not indicated on map)**
- Wadsworth Center, Albany, New York
- Oak Ridge National Laboratory, Tennessee
- University of Illinois, Chicago
- Texas Technological University, Lubbock
- University of Nebraska Medical Ctr, Omaha
- University of New Mexico, Albuquerque
- University of California, Davis
- Oregon Health Sciences University, Portland