



Oklahoma State Department of Health

1000 NE 10th St. - Oklahoma City, OK 73117-1299

J.R. Nida M.D., Commissioner

Summary of Physical Injuries Directly Associated with the Oklahoma City Bombing*

Summary of Injuries (782 persons)

- 168 people (including 19 children) died;**
- 429 people were treated in area hospitals;
 - 82 were admitted to hospitals;
 - 347 were treated and released in emergency rooms;
- 185 people were treated in a private physician's office.

Types of Injuries among Hospitalized Persons (82 persons)

- 78 (95%) were treated for lacerations, abrasions, and contusions;
- 37 (45%) were treated for fractures or dislocations;
- 36 (44%) were treated for head injuries;
- 21 (26%) were treated for eye injuries;
- 6 (7%) were treated for burns.

Types of Injuries among Persons Treated and Released (347 persons)

- 289 (83%) were treated for lacerations, abrasions, and contusions;
- 14 (4%) were treated for fractures or dislocations;
- 42 (12%) were treated for head injuries;
- 21 (6%) were treated for eye injuries.

All Oklahoma City area hospitals and hospitals in Edmond, Norman, and Midwest City treated blast patients. Hospitals in closer proximity to the downtown area received greater numbers of patients and the more severely injured.

* PRELIMINARY RESULTS as of October 1, 1995. Includes only injuries associated *DIRECTLY* with the bombing (i.e., excludes injuries associated with search and rescue).

** There was one additional death of a volunteer rescuer resulting in a total of 169 deaths.

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Locations of Deaths and Injuries

Deaths

Total of 168 deaths

- 160 deaths occurred in the Alfred P. Murrah building;
- 2 deaths occurred in the Water Resources building;
- 4 deaths occurred in the Athenian building;
- 2 deaths occurred outside near the blast;
- Additionally, 1 death occurred after a volunteer rescuer was injured entering the Murrah building after the blast.

Occupants of the Alfred P. Murrah building experienced the heaviest losses. 45% (160/359) of the building occupants died, and 45% (162/359) were injured, yielding a combined fatal and non-fatal injury rate of 90% (322/359). Within the second floor day care center of the Murrah building, 76% (19/25, 16 children, 3 adults) perished.

Non-fatal Injuries

Total of 614 non-fatal injuries

- 387 (63%) of non-fatal injuries occurred inside the following 5 buildings:

Murrah	(163 injuries)
Journal Record	(109 injuries)
YMCA	(75 injuries)
Water Resources	(36 injuries)
Athenian	(4 injuries)
- 136 (22%) of non-fatal injuries occurred in other buildings.
- 54 (9%) of non-fatal injuries occurred in outdoor locations.
- For 37 (6%) of non-fatal injuries, the location at the time of the blast has not been ascertained.

POINTS ON MURRAH BUILDING BOMBING

1. Know where your people are. One person's whereabouts went unknown until May 22, nearly five weeks after the bombing.
2. 169 known dead. Over 614 injured. Several still hospitalized. Final three bodies weren't recovered until May 29; forty days after the bombing.
3. Off-site storage of computer files was re-emphasized. Identify and establish relationships in advance with those firms that specialize in data recovery. Federal Employees Credit Union lost 18 of 33 employees, but was back in operation within 48 hours.
4. Straight-forward answers win every time. Outside media seemed dumb-struck when Oklahoma spokesmen gave them direct answers. Ted Koppel didn't seem to know how to handle three firefighters who gave sincere, frank, often emotional answers.
5. 600 cars totalled, 1,400 others heavily damaged. Loss - \$8,088,000.
6. Many businesses and governments are likely to reconsider their strategy on loss of income or business interruption insurance. For 177 businesses in the impact zone the loss is estimated at \$25,422,000, in the rest of the metropolitan area, \$106,380,000. Lost sales tax to the state and city set at \$9,570,000.
7. An estimated 7,500 volunteers worked through 30 agencies to provide goods and services valued at \$10,156,000.
8. 49 fire and police agencies from across Oklahoma provided mutual aid. Oklahoma City's emergency response cost is estimated to be \$5,793,000.
9. 462 persons were displaced from their housing. Eight state agencies, 56 businesses and four city agencies had to relocate.
10. Several firefighters and police officers have or are expected to resign due to bombing-related conditions. Mental health leaders predict major trauma to occur eighteen months to three years out.
11. 316 private buildings, 12 churches and 12 city or county buildings sustained damages estimated at \$96,466,000.
12. Federal losses, costs and projected expenditures are set at \$225,000,000. All other losses are estimated at \$426,594,000. **TOTAL ESTIMATED LOSS** \$651,594,000. Insured value, approximately \$105,000,000.

ADVANTAGES TO HIRING OUTSIDE DISASTER RECOVERY SPECIALIST FIRMS

- Minimize interruption of your organization's work product and service delivery.
- Eliminate exposure to your organization's employees from injury and work comp claims.
- Insure proper clean-up and safe handling of equipment.
- Eliminate need to acquire or lease specialized equipment.
- Eliminate tying up your organization's trucks, vans, heavy equipment, which allows their use for normal day-to-day activities.
- Allows your organization to continue working and providing services.
- Eliminates additional costs, funding and budget adjustments. Your insurance company can pay the firms directly.
- Insures proper and accurate inventory listing of all assets.
- Reduces opportunity for theft; provides for clean and justifiable claims to your insurance company.

***ADDITIONAL POINTS TO CONSIDER
DURING DISASTER RECOVERY***

- 1) Know where your people are at all times.
- 2) Think outside of the "box." Don't be afraid to try something new.
- 3) Straight-forward answers win every time.
- 4) Utilize volunteer agencies. They are established to, and they do, help!
- 5) You never plan to fail, but you may, if you fail to plan.
- 6) Don't make a disaster of your disaster.
BE PREPARED!
- 7) Either lead, follow, or get the hell out of the way. Know your limitations.

SEVEN POINTS TO SUCCESSFUL LEADERSHIP

- 1) **MAKE DECISIONS!** TAKE THE REINS; TAKE CONTROL; STEP UP TO THE CHALLENGE.
- 2) **DELEGATE!** Rely on your staff. Don't micro-manage. Tear down those walls and let them run.
- 3) **BE FLEXIBLE!** Work with impacted staff office hours (reporting to and leaving work).
- 4) **BE SENSITIVE!** Observe reactions, emotions, behavioral changes, feelings.
- 5) **DON'T EVER "ASSUME"!** Make it a point to know.
- 6) **DOCUMENT EVERYTHING!** Keep notes on all actions, problems, requests, etc.
- 7) **BE COGNIZANT OF LAWS!** Follow your code of ethics - ALWAYS!