

Site of Incident (Check One)	Number of Responses
Water Park	146
Pool or Spa	885

Water Park	Ratio	Pool	Ratio
Current	2%	Deep Water	38%
Flume	1%	Diving Area	20%
Lazy River	14%	Play Features	3%
Play Feature	12%	Shallow Water	36%
Slide	27%	Spa	0%
Wave Pool	26%	Therapy	1%
Other	21%	Wading Pool	4%
		Other	4%

Other Comments for Water Parks: Where was the victim located?

Diving Boards
 Zero Depth Entry
 Area outside of office (outside)
 On deck
 lane area near basketball goal
 zero entry
 zero entry
 3 ft of water
 A small frog shaped slide

Other Comments for Pools: Where was the victim located?

4 - 5 ft area
 4 - 5 ft area
 4.5 ft
 ancillary area - dry
 deck (2)
 Drop of from shallow to deep
 Drop off slide into shallow water
 end of slide
 kids sliding board/go down then cant touch bottom and cant swim
 lap pool (2) - 3 1/2 foot
 Locker Room
 Outside pool area. Front desk requested lifeguard assistance
 Outside Therapy Pool
 slide catch pool (2)
 slide pool - shallow water
 Slides
 steps in shallow water

swim lap area 6ft deep
 zero entry area
 below diving board

Time of Day (remember noon is 12:00PM and midnight is 12:00 AM)												
	12:00 to 1:00	1:01 to 2:00	2:01 to 3:00	3:01 to 4:00	4:01 to 5:00	5:01 to 6:00	6:01 to 7:00	7:01 to 8:00	8:01 to 9:00	9:01 to 10:00	10:01 to 11:00	11:01 to 11:59
Water Park AM	0%	3%	0%	1%	0%	0%	0%	0%	0%	0%	3%	3%
Water Park PM	3%	6%	33%	25%	17%	6%	0%	0%	0%	0%	0%	0%
Pool AM	0%	0%	0%	0%	1%	0%	0%	1%	2%	2%	5%	3%
Pool PM	5%	16%	21%	14%	9%	7%	6%	4%	3%	1%	0%	0%

Water Clarity	Water Park	Pool
Excellent - clearly see the bottom	79%	88%
Good - see large objects on bottom	19%	13%
Fair - barely see large objects on bottom	3%	0%
Poor - cannot see the bottom	0%	0%
None - cannot see more than one foot below the surface	0%	0%
Other	1%	0%

Other Comments for Water Parks: Water Clarity

Outside not in pools

Other Comments for Pools: Water Clarity

NOT RELEVANT

N/A Dry area

n/a

Above Water Clarity	Water Park	Pool
Excellent - No problems seeing victim	86%	94%
Limited by Fog	0%	0%
Limited by Glare	4%	2%
Limited by Haze	1%	0%

Limited by Patrons	8%	4%
Limited by Rain	0%	0%
Other	1%	1%

Other Comments for Water Parks: Above Water Clarity

Windy

Other Comments for Pools: Above Water Clarity

n/a

Indoor Pool

blocked by water

Victim was in Locker Room, no swimmers in water

not relevant

N/A - Dry Area

Water Depth where the victim was located (feet)								
	Victim was on land	less than 1	1 to <3	3 to 5	5.1 to 10	10.1 to 16.9	17 to 25	greater than 25
Water Park	1%	3%	15%	68%	8%	3%	1%	0
Pool	1%	1%	6%	40%	31%	20%	0%	0%

Attendance Level at the time of the Rescue (Check One)	Water Park	Pool
Light	10%	21%
Normal	72%	60%
Heavy	18%	19%
Other	1%	0%

Other Comments for Water Parks: Attendance Level

Swim Meet occurring in half of the facility

Other Comments for Pools: Attendance Level

Swim Meet occurring

How the Victim was Recognized (Check All That Apply)	Water Park	Pool
Sight	92%	93%
Sound	16%	22%
Informed by Victim	5%	5%
Informed by another Lifeguard	3%	3%

Informed by a Patron	9%	7%
Profiled High Risk Prior to Distress	11%	12%
Other	0%	2%

Other Comments for Pools: How the Victim was Recognized

patron notified front desk
 Saw parent run onto pool deck
 Walked in to my shift and noticed victim on bottom of pool
 Saw very young child hanging on wall alone just before he let go and went underwater
 Lifeguard at top of slide informed small child was coming down.
 lifeguard saw in scan child in 3.5 and unable to touch activated EAP climbed from chair and compact jump into pool with tube and help child back into kiddy area-child had gone under lifeline to follow bigger kids and mom was distracted by
 Another parent in the water child stayed with mom in shallow end.
 Lifeguards contacted by another facility staff member
 Alerted by swim coach to potential medical issue

Victim's Activity prior to the Rescue (Check All That Apply)	Water Park	Pool
Unknown	19%	14%
Wading	25%	21%
Swimming	19%	43%
Floating with Equipment	10%	7%
Feet First Entry/Jumping	16%	21%
Head First Entry/Diving	1%	5%
Receiving Instruction	1%	4%
Body Surfing	1%	0%
Surfing	0%	0%
Scuba Diving	0%	0%
Skin Diving	1%	0%
Beach or Deck Activity (not in the water)	1%	2%
Walking/Running (not in the water)	4%	4%
Other	17%	11%

Other Comments for Water Parks: Victim's Activity prior to the Rescue

playing/walking in water and went into an area over his head
 Riding down slide (11 entries)
 Crawling on deck
 Floating in tube

Other Comments for Pools: Victim's Activity prior to the Rescue

"bobbing" in the water
senior exercise class
walking in pool
Hanging on counselor/counselor swam away
Aerobics Class
Climbing down the high dive ladder--not waiting for lifeguard.
Coaching Swim Team
Playing on bottom step
zero entry pool kept walking until it was too deep
Multiple Victim Rescue - 2 adolescents
treading water
Learn-to-Swim level 1 class
Hanging on wall
Changing in Locker Room
In the shallow end waiting for swim instructor to finish working with another student
going down slide when smaller than height requirement
playing with other small children in kiddy area 1.25-2.5 feet separated by a lifeline from six lane pool.
Apparently had epileptic seizure and fell in water.
Playing basket ball in pool when ball rolled into deeper end of pool and victim swam after it
standing
two sisters entered water at same time; one could not swim; one was weak swimmer at best
participating in water exercise
swim lessons
sitting on the side of the pool and fell in
walking in the water
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Using a water slide
Taking Swim Test to use deep end of pool
Taking a deep water test
Multiple person rescue. 2 small children holding onto head of older sibling submerged.
holding breath while swimming laps
With father in water
Parent Child Swim Lesson
exercising
Soaking in Spa
Entered water from 25ft waterslide
Attempting to pass swim test
Play on play structure
Diving off a starting block
exercising
scooting along the wall
Swimming with parent

Just Arriving
 On side of pool
 sitting on side of pool
 pre swim test for school "crew" team
 Had just been warned, He repeated the same action when hurt.
 here to participate in a swim meet
 short walk from chair or parking lot to pool
 Rode his bike 20 miles to the pool
 hanging on to side & Dad

Type of Rescue Made (Check All That Apply)	Water Park	Pool
Reaching with equipment	9%	8%
Reaching without equipment	4%	8%
Wading Assist with equipment	26%	12%
Wading Assist without equipment	18%	11%
Swimming with equipment	34%	50%
Swimming without equipment	5%	9%
Throwing assist	0%	1%
Underwater Search conducted	0%	0%
Land Search conducted	0%	0%
Aircraft involved in search and/or rescue	0%	0%
Watercraft involved in search and/or rescue	0%	0%
Other	9%	6%

Other Comments for Water Parks: Type of Rescue Made

Spinal Hold (2)
 None
 Backboard (hit head on slide)
 In water, backboard needed
 LG responded when daughter came into the facility and said that her elderly mom had fell.
 Walking to the victim, calling EMS
 Child came to guard room
 Head-chin splint

Other Comments for Pools: Type of Rescue Made

Adapted rear-approach swimming rescue with tube to prevent further injury to dislocated shoulder - supported torso stomach down with two hands
 backboarded
 CPR/AED
 dove in - pulled him up

First Aid on land
 instructor/lifeguard with person at the time in water
 jumped in and grabbed
 Just jumped in and grabbed him while wearing the tube. He was only a couple feet from the wall.
 land spinal - laying down
 lifeguard jumped in
 No Rescue - Victim on land
 None. Injured person made it to wall
 none. victim on land
 None. Victim on Land
 one guard with equipment ; one without
 on-land spinal support
 Parent Carried Infant out of Water before lifeguard or swim instructor could respond.
 Patron assisted victim to side
 Patron grabbed victim and handed to LG
 pulled out of water by husband before guards got to her
 pulled up off bottom with rescue equipment
 spinal
 spinal
 spinal
 spinal
 Swimmer hit head on pool bottom, swimmer surfaced with a bloody head at side of pool, guard got out of stand, swimmer climbed out of pool at the same time
 Victim got self out of pool
 Was shallow for me so did not bother to grab tube
 Victim was able to remove themselves from the water and sit on bench
Head, Neck or Spinal Injury Management on Land
 patron lifted unconscious body onto pool deck
 Jumped in, no tube necessary
 double rescue - friend attempted to help struggling friend, both started active drowning
In-Line Stabilization on Land
 submerged rescue

Equipment Used (Check All That Apply)	Water Park	Pool
None	39%	26%
Rescue Tube	58%	73%
Rescue Buoy	0%	0%
Throw or Float Line	0%	0%
Throw Line with Ring Buoy	0%	0%
Mask, fins and snorkel	0%	0%
Fins only	0%	0%
Other	4%	3%

Other Comments for Water Parks: Equipment Used

Backboard (8 with the same answer)

Other Comments for Pools: Equipment Used

PPE, AED on stand by to use

Back Board (9)

Liftboard

Rescue tube was in hand, but not needed

Whistle Code

Rescue Tube was entangled on Lane Line

AED, rescue mask, gloves

Others Responding (Check All That Apply)	Water Park	Pool
None needed	64%	70%
Additional Lifeguards	30%	28%
Bystanders	5%	6%
Paramedics/EMS	17%	11%
Rescue Squad	0%	1%
Police	1%	3%
Fire	3%	3%
Other	3%	3%

Other Comments for Water Parks: Others Responding

Lifeguard Supervisor

Boys mother

Parent

Other Comments for Pools: Others Responding

another lady in the class

Coaching staff

after lifeguard ran pt into the guard room, where head guard, summand someone to call ems, started CPR

high school teacher teaching student

Building Staff not lifeguard trained

on duty supervisor

Other patrons

Professional Staff Member, Student Supervisor

Office Staff

personal attendant

facility staff

Camp counselor

parent

Type of Aid Given (Check All That Apply)	Water Park	Pool
None needed	73%	78%
Minor First Aid - Immediate transport to hospital NOT needed	8%	8%
Spinal Injury Management Procedures Used	8%	5%
Personal Protective Barrier Used	6%	5%
Artificial respiration	2%	2%
CPR administered	4%	4%
AED used	1%	2%
Oxygen Administered	2%	3%
Suctioned Airway	1%	1%
Major First Aid - Immediate transport to hospital needed	5%	5%
Other	6%	5%

Other Comments for Water Parks: Type of Aid Given

Patron refused aid, though spinal injury management appropriate
 Ended up getting stitches
 Back Blow
 Parents took her to ER because she had a large deep cut on her chin

Other Comments for Pools: Type of Aid Given

monitored victim, care for heart attack
 air ambulance to Level 1 Trauma Center
 Monitoring & Walking assist
 Life-flighted
 for the mind. rest and assurance.
 Back blows - choking
 Assist patron out of water
 victim could feel and wiggle fingers and toes. Direct pressure to cut on head
 Minor first aid was given until Lifeguards were informed that victim may have had a seizure at which point EMS was immediately called
 lie down, bend knees, treat for shock....calm student who panicked
 Requested that patron wear a lifejacket.
 Victim began throwing up water and then became lethargic
 check on victim
 to calm the patient down
 Parents counseled on dangers of floatation devices
 Self indicated diabetic. Glucose administered & monitored
 Transported to the hospital via ambulance
 Transported to hospital
 treat for shock and seizure
 Put on the back board in the water-Deep end
 individual suffered mild M.I. Was alert and breathing when attended by lifeguards
 given ice and glass of cold water

slapping on back to aid in removing water from lungs
 seizure...held in recovery position
 Called fire rescue. Victim fainted after reaching wall
 Modified H.A.I.N.E.S. position.
 Young man is autistic. He was upset and needed calming.
 only had him cough to clear throat

Injuries to Victim (Check All That Apply)	Water Park	Pool
None	89%	89%
Abrasion	3%	4%
Laceration	3%	2%
Burn	0%	0%
Fracture	0%	1%
Paralysis	0%	0%
Death by drowning	0%	0%
Death due to other causes than drowning	0%	1%
Other	8%	7%

Other Comments for Water Parks: Injuries to Victim

swallowed water
 disorientation from grand mal seizure
 EMTs requested that mom take child to Urgent care for further tests

Other Comments for Pools: Injuries to Victim

Compression of Spinal cord, 2 cervical vertebrae broken, Doctors say potential for full recovery
 Severe neck strain
 Short Term motor loss & slurred speech
 just scared
 swollen neck and head
 neurological effects
 Shoulder dislocation
 inhaled water
 Shock, Suspected Seizure
 Spinal Injury
 small bruise
 shock
 Taken to hospital by EMS, was not given specifics. Patron stayed for 2 days
 Brain Problems
 Seizure
 major concussion, pulled neck muscles
 Cramp
 victim blacked out but did not breath in water
 Injury to back of head.
 Suffered heart arrhythmia prior to drowning

Cardiac distress
 shock, exhaustion
 fracture to her back as she landed on another swimmer
 Sudden Illness - Nausea
 Contusion
 Bump to the back of the head
 Large amounts of water swallowed. Near drowning
 Suspected HNS Injury
 Suspected Head, Neck or Spinal Injury

Type of Flotation Device Used by victim(Check All That Apply)	Water Park	Pool
None	88%	91%
Coast Guard approved Personal Flotation Device (PFD)	4%	2%
Non-approved life jacket or similar device	0%	1%
Inflatable raft	3%	1%
Non-inflatable raft	0%	0%
Inflatable Life Ring/Ring Buoy or similar device	3%	0%
Non-inflatable Life Ring/Ring Buoy or similar device	0%	0%
Inflatable Floaties on the victims limbs	0%	2%
Swim Noodle	0%	1%
Other	1%	3%

Other Comments for Water Parks: Type of Flotation Device Used by victim

Inflatable tube (2)

Other Comments for Pools: Type of Flotation Device Used by victim

n/a
 Instructional Flotation Device
 goggles
 kickboard (3)
 Deep water aqua jogger belt
 Swim belt

Victim's Outcome (Check All That Apply)	Water Park	Pool
Released	30%	41%
Released to parent	61%	50%
Ambulance	8%	10%

Advised to see physician	8%	3%
Released to another care provider (Police/Fire, etc.)	4%	5%
Other	13%	4%

Other Comments for Water Parks: Victim's Outcome

EMT released to parent while at facility.

EMT decided he did not need to go to the hospital, released to parents

Released back to babysitter

released to daughter

Other Comments for Pools: Victim's Outcome

continued with activities

Air ambulance to Trauma center

Changed floatation size and returned to swim lesson

Counselors took her

Hospitalized

released to camp counselor

survived

Allowed to re-enter water with USCG Approved PFD

Seizure getting out at ladder. With in 3 feet of victim

was a minor and was required to go to the emergency room to be check out.

Fire dept. Released victim on scene after assessing his condition and determining that he had not had a seizure.

The child finished the lesson and went home with his mother.

Heart Attack Death

talked to Social Worker about early childhood near-drowning incident in Haiti. THREE DAYS LATER, SWAM ACROSS THE DIVING WELL UN-ASSISTED!

death

released to Scoutmaster

released to group

released to the accompanying group

continued lessons

daycare

released to teacher saw physician at school

Released to camp counselor (2)

Issued a lifejacket

Released to guardian(Camp counselor)

denied further care from EMS due to lack of health insurance

Eventually resuscitated and stabilized

Victim transport to hospital by EMS.

Released to day care provider

Parent was an EMT took over

released to camp counselor

Primary Rescuer's Level of Current Training (Check All That Apply)	Water Park	Pool
	Lifesaving/Lifeguarding	99%
CPR or CPR/PR	85%	97%
AED	80%	94%
Oxygen Administration	26%	53%
Blood borne Pathogen training	45%	64%
Emergency Medical Technician	4%	5%
In-Service Training - weekly	42%	31%
In-Service Training - monthly	48%	38%
Site specific training	54%	21%
None	0%	0%
Other	11%	5%

Other Comments for Water Parks: Primary Rescuer's Level of Current Training

LGT instructor

LGI/WSI

in-service bi-monthly

Other Comments for Pools: Primary Rescuer's Level of Current Training

IT

trainer level credentials

LGIT/WSI

LGI (10)

Head guard who initiated CPR was trained in all the above

Registered Nurse (2)

WSI LGI (4)

LGIT (5)

Water and Safety Instructor

Pool Manager, Lifeguard Instructor, Lifeguard over 20 years

Water Safety Instructor, Health Teacher, working in the pool with a second person equally qualified,

CPR Instructor and Instructor Trainer

WSI, WSIT, LGI

first aid

American Red Cross Lifeguard Instructor Trainer

in-service by-weekly

In-service Fall and Winter Semester

US Marine Training/Trainer for water

All Red cross Training

in service training quarterly

fire fighter, advanced diver

every two weeks in-service

guard responded, but parent grabbed child first

Instructor

Where was the Rescuer at the time of incident	Water Park	Pool
Elevated Stand - 5 feet but less than 10 feet in height	27%	38%
Elevated Stand - less than 5 feet in height	13%	28%
Enclosed Lifeguard Tower (non-moveable)	3%	4%
Deck Chair	4%	5%
Standing in one place	12%	11%
Walking	27%	13%
Patrolling with Watercraft	0%	0%
Already in the water	14%	4%
Other	5%	2%

Other Comments for Water Parks: Where was the Rescuer at the time of incident

Elevated wall 10ft

Elevated-3ft walls of wave pool

Roving

In guard room filling up water bottle, when alerted

In the Guard room

Other Comments for Pools: Where was the Rescuer at the time of incident

Giving a guest tour, walking by. Child slipped off step. I stepped a foot in and scooped kid out. Parent out of reach!!!

In the water along side victim at time of incident.

on deck at end of rotation from stand

On pool deck

in pool office, notified by patron..

Staff Shower, an off-duty lifeguard came in to inform me of the incident

Taking attendance for swim lessons as a pool coordinator

In water, on deck and in elevated chair for one

walking the deck/on duty

Not on the pool deck. Building lobby.

On a pool deck on a separate floor of the building

Roving

Standing on deck

going back to LG stand having just warned the youth

Distance traveled on land to entry point	less than 10 feet	11 to 20 feet	21 to 40 feet	41 to 60 feet	60 to 100 feet	Greater than 100 feet
Water Park	89%	5%	4%	0%	3%	0%
Pool	88%	8%	2%	1%	0%	0%

Distance traveled in the water	none - victim on land	less than 10 feet	11 to 20 feet	21 to 40 feet	41 to 60 feet	60 to 100 feet	Greater than 100 feet
Water Park	8%	77%	15%	0%	0%	0%	0%
Pool	4%	78%	16%	3%	0%	0%	0%

Approximate age of the victim?							
	less than 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	greater than 64
Water Park	1%	33%	42%	6%	8%	5%	4%
Pool	0	12%	67%	10%	6%	3%	1%