

The Lifeguard Rescue Reporting System

Results from 2010

By Roy Fielding

Where was the victim located? (Check All That Apply)					
Open Water	Ratio	Water Park	Ratio	Pool	Ratio
Bay	0.00%	Current	0.00%	Deep Water	29.13%
Lagoon	0.00%	Flume	0.00%	Diving Area	26.13%
Lake	56.82%	Lazy River	16.67%	Play Features	3.00%
Surf Beach	18.18%	Play Feature	2.78%	Shallow Water	30.33%
Quarry	0.00%	Slide	36.11%	Spa	0.60%
River	9.09%	Wave Pool	19.44%	Therapy	1.20%
Sand Pit	2.27%	Other	25.00%	Wading Pool	3.30%
Area affected by tidal changes or currents	9.09%			Other	6.31%
Area Not affected by tidal changes or currents	0.00%				
Other	4.55%				

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
Open Water AM	0.00%	4.55%	2.27%	2.27%	0.00%	0.00%	2.27%	6.82%	0.00%	0.00%	6.82%	6.82%
Open Water PM	6.82%	13.64%	27.27%	15.91%	2.27%	6.82%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%
Water Park AM	0.00%	2.78%	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	2.78%
Water Park PM	2.78%	5.56%	33.33%	25.00%	16.67%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pool AM	.3%	.6%	1.51%	0%	.6%	0%	0%	0.6%	1.51%	2.11%	5.12%	3.31%
Pool PM	5.12%	16.27%	21.08%	13.86%	8.73%	6.93%	6.33%	4.22%	3.01%	.6%	0%	0%

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
Open Water	0.00% (0)	2.33%	9.30%	16.28%	46.51%	11.63%	9.30%	4.65%
Water Park	5.88% (2)	2.94%	8.82%	61.76%	14.71%	5.88%	0	0
<i>Pool</i>	2.42%	1.21%	6.04%	35.05%	31.42%	23.26%	.6%	0%

Attendance Level at the time of the Rescue (Check One)	Open Water	Water Park	Pool
Light	15.91%	8.57%	21.04%
Normal	52.27%	68.57%	58.23%
Heavy	27.27%	20.00%	20.73%
Other	4.55%	2.86%	0%

How the Victim was Recognized (Check All That Apply)	Open Water	Water Park	Pool
Sight	88.64%	83.33%	91.87%
Sound	25.00%	11.11%	24.70%
Informed by Victim	4.55%	8.33%	5.72%
Informed by another Lifeguard	13.64%	0.00%	3.31%
Informed by a Patron	15.91%	13.89%	8.73%
Profiled High Risk Prior to Distress	11.36%	8.33%	11.75%
Other	9.09%	0.00%	2.11%

Victim's Activity prior to the Rescue (Check All That Apply)	Open Water	Water Park	Pool
Unknown	9.30%	16.67%	4.86%
Wading	27.91%	19.44%	16.11%
Swimming	46.51%	13.89%	38.60%
Floating with Equipment	4.65%	11.11%	6.08%
Feet First Entry/Jumping	4.65%	8.33%	27.36%
Head First Entry/Diving	4.65%	0.00%	6.99%
Receiving Instruction	6.98%	0.00%	3.95%
Body Surfing	0.00%	0.00%	0.00%
Surfing	6.98%	0.00%	0.00%
Scuba Diving	0.00%	0.00%	0.00%
Skin Diving	0.00%	0.00%	0.00%
Beach or Deck Activity (not in the water)	0.00%	0.00%	0.91%
Walking/Running (not in the water)	2.33%	8.33%	3.65%
Other	23.26%	30.56%	14.29%

Type of Rescue Made (Check All That Apply)	Open Water	Water Park	Pool
Reaching with equipment	11.36%	2.78%	5.72%
Reaching without equipment	4.55%	5.56%	7.83%
Wading Assist with equipment	11.36%	25.00%	10.54%
Wading Assist without equipment	9.09%	13.89%	9.64%
Swimming with equipment	50.00%	36.11%	49.70%
Swimming without equipment	4.55%	5.56%	7.83%
Throwing assist	4.55%	0.00%	0.30%
Underwater Search conducted	4.55%	0.00%	0.00%
Land Search conducted	0.00%	0.00%	0.00%
Aircraft involved in search and/or rescue	0.00%	0.00%	0.00%
Watercraft involved in search and/or rescue	15.91%	0.00%	0.00%
Other	6.82%	19.44%	8.43%

Type of Aid Given (Check All That Apply)	Open Water	Water Park	Pool
None needed	52.27%	51.43%	75.68%
Minor First Aid - Immediate transport to hospital NOT needed	18.18%	14.29%	7.81%
Spinal Injury Management Procedures Used	11.36%	17.14%	7.51%
Personal Protective Barrier Used	2.27%	8.57%	5.71%
Artificial respiration	6.82%	5.71%	3.90%
CPR administered	11.36%	8.57%	3.30%
AED used	6.82%	2.86%	2.10%
Oxygen Administered	6.82%	0.00%	1.80%
Suctioned Airway	2.27%	0.00%	0.60%
Major First Aid - Immediate transport to hospital needed	4.55%	2.86%	6.31%
Other	11.36%	8.57%	6.31%

Primary Rescuer's Level of Current Training (Check All That Apply)	Open Water	Water Park	Pool
Lifesaving/Lifeguarding	95.45%	97.22%	98.80%
CPR or CPR/PR	95.45%	91.67%	97.00%
AED	90.91%	86.11%	92.19%
Oxygen Administration	52.27%	16.67%	49.85%
Blood borne Pathogen training	65.91%	72.22%	62.76%
Emergency Medical Technician	18.18%	5.56%	4.50%
DOT First Responder	15.91%	11.11%	12.91%
In-Service Training - weekly	38.64%	63.89%	25.23%
In-Service Training - monthly	22.73%	22.22%	35.14%
Site specific training	38.64%	61.11%	26.13%
None	0.00%	0.00%	0.30%
Other	9.09%	8.33%	10.81%

Where was the Rescuer at the time of incident	Open Water	Water Park	Pool
Elevated Stand 10 feet or more in height	6.82%		
Elevated Stand - 5 feet but less than 10 feet in height	27.27%	16.67%	43.54%
Elevated Stand - less than 5 feet in height	6.82%	11.11%	17.12%
Enclosed Lifeguard Tower (non-moveable)	6.82%	8.33%	0.90%
Deck Chair		5.56%	6.61%
Standing in one place	18.18%	22.22%	12.61%
Walking	6.82%	11.11%	14.71%
Patrolling with Watercraft	11.36%	0.00%	0.00%
Already in the water	9.09%	25.00%	3.60%
Other	20.45%	11.11%	3.90%

How far did you have to travel on land to the water entry point or the victim?

	less than 10 feet	11 to 20 feet	21 to 40 feet	41 to 60 feet	60 to 100 feet	101 feet to 100 yards	101 yards to 200 yards	201 yards to 300 yards	301 yards to 400 yards	401 yards to 500 yards	Greater than 500 yards
Open Water	52.27%	15.91%	6.82%	13.64%	6.82%	2.27%	2.27%	0%	0%	0%	0%
Water Park	77.78%	8.33%	8.33%	0%	5.56%	0%					
Pool	83.48%	11.71%	2.4%	1.5%	.3%	.6%	0%				

How far did you have to travel in water to the victim?

	none - victim on land	less than 10 feet	11 to 20 feet	21 to 40 feet	41 to 60 feet	60 to 100 feet	101 feet to 100 yards	101 yards to 200 yards	201 yards to 300 yards	301 yards to 400 yards	401 yards to 500 yards
Open Water	0.00%	18.18%	27.27%	18.18%	15.91%	2.27%	9.09%	2.27%	4.55%	2.27%	0%
Water Park	13.89%	61.11%	25%	0%	0%	0%	0%				
Pool	4.80%	72.67%	18.92%	3.00%	.60%	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
Open Water	0.00%	6.98%	39.53%	13.95%	32.56%	4.65%	2.33%
Water Park	2.78%	13.89%	55.56%	8.33%	8.33%	5.56%	5.56%
Pool	0	11.78%	66.16%	10.27%	5.74%	4.53%	1.51%