

Just the Numbers

The goal of Firefighter Rescue Survey (FirefighterRescueSurvey.com or check us out on Facebook) is to gather as much information as possible from actual rescues in the hopes of making us all more effective and efficient on our firegrounds. By collecting data from firefighters who have been in the exact situation that most of us spend a career preparing for, we hope to provide firefighters from around the globe a better chance to save a life. We have recently analyzed the data from the first 2000 recorded rescues (data was collected on 4.17.21) and we'd like to share this info with everyone.

Before we get started though, here are a couple of rules for interpreting these data:

- We need to understand the entire context, as any one specific data set is limited and has qualifications.
- We have been, and will continue to fine-tune the survey questions and answers in an attempt to make these data as accurate, well-defined, objective, and digestible as possible.
- While these experiential data are substantial, they are still only part of the picture and must therefore be combined with other tools to enhance our understanding of such a complex environment.
- These data have limitations.
- Correlation does not always equal causation.
- We can't always get an 'ought' from an 'is'. Meaning that just because the data is showing us something, that doesn't necessarily mean that it's a best practice.
- More analysis is always needed.
- Information is more important than affirmation. Let the data drive your decisions (when appropriate), and not your biases.
- Please check our work...all of the raw data is available for anyone to view at FirefighterRescueSurvey.com. Transparency is incredibly important to us, and if you see a mistake, please just let us know and we will correct it.
- Take this data, and make it work for your department and your citizens.

- Lastly, if you have removed a civilian from a fire, please fill out one survey for each rescue at FirefighterRescueSurvey.com...and keep an eye out for our upcoming app.

Time of Day v Total Recorded Rescues:

00:00 – 02:59 – 20% (395/1983)
 03:00-05:59 – 18% (350/1983)
 06:00-08:59 – 10% (192/1983)
 09:00-11:59 – 11% (218/1983)
 12:00-14:59 – 9% (181/1983)
 15:00-17:59 – 9% (173/1983)
 18:00-20:59 – 11% (223/1983)
 21:00-23:59 – 13% (251/1983)

Time of Day v Survival Rate:

00:00 – 02:59 – 60% (236/392)
 03:00-05:59 – 50% (172/345)
 06:00-08:59 – 57% (108/188)
 09:00-11:59 – 68% (146/216)
 12:00-14:59 – 58% (104/179)
 15:00-17:59 – 67% (116/172)
 18:00-20:59 – 69% (153/222)
 21:00-23:59 – 63% (157/251)

Time of Day v Victim Location (Room) (Total) (No Graph Made):

00:00 – 02:59
 Bedroom - 44% (172/389)
 Family – 12% (46/389)
 Other – 18% (69/389)
 Hallway – 13% (52/389)
 Kitchen – 8% (30/389)
 Bathroom – 5% (20/389)

03:00-05:59
 Bedroom - 54% (186/346)
 Family – 14% (50/346)
 Other – 11% (38/346)
 Hallway – 8% (26/346)
 Kitchen – 6% (21/346)
 Bathroom – 7% (25/346)

06:00-08:59
 Bedroom - 47% (89/189)
 Family – 16% (30/189)
 Other – 12% (23/189)
 Hallway – 10% (19/189)

Kitchen – 10% (18/189)
Bathroom – 5% (10/189)

09:00-11:59

Bedroom - 43% (93/215)
Family – 14% (30/215)
Other – 23% (50/215)
Hallway – 8% (18/215)
Kitchen – 5% (10/215)
Bathroom – 7% (14/215)

12:00-14:59

Bedroom - 41% (74/179)
Family – 18% (32/179)
Other – 15% (26/179)
Hallway – 8% (14/179)
Kitchen – 11% (19/179)
Bathroom – 8% (14/179)

15:00-17:59

Bedroom - 46% (78/170)
Family – 16% (27/170)
Other – 16% (28/170)
Hallway – 6% (10/170)
Kitchen – 8% (14/170)
Bathroom – 8% (13/170)

18:00-20:59

Bedroom - 34% (75/220)
Family – 20% (45/220)
Other – 19% (42/220)
Hallway – 12% (27/220)
Kitchen – 10% (22/220)
Bathroom – 4% (9/220)

21:00-23:59

Bedroom - 46% (112/244)
Family – 15% (36/244)
Other – 12% (29/244)
Hallway – 12% (29/244)
Kitchen – 7% (18/244)
Bathroom – 8% (20/244)

Time of Day v Victim Location (Room) (Survival Rate) (No Graph Made):

00:00 – 02:59

Bedroom - 56% (96/170)
Family – 67% (31/46)
Other – 75% (52/69)
Hallway – 62% (32/52)

Kitchen – 37% (11/30)
Bathroom – 45% (9/20)

03:00-05:59

Bedroom - 49% (91/185)
Family – 54% (27/50)
Other – 75% (27/36)
Hallway – 35% (9/26)
Kitchen – 33% (7/21)
Bathroom – 40% (10/25)

06:00-08:59

Bedroom - 59% (51/87)
Family – 66% (19/29)
Other – 61% (14/23)
Hallway – 58% (11/19)
Kitchen – 35% (6/17)
Bathroom – 60% (6/10)

09:00-11:59

Bedroom - 65% (60/92)
Family – 70% (21/30)
Other – 82% (41/50)
Hallway – 72% (13/18)
Kitchen – 50% (5/10)
Bathroom – 36% (5/14)

12:00-14:59

Bedroom - 60% (43/72)
Family – 53% (17/32)
Other – 65% (17/26)
Hallway – 57% (8/14)
Kitchen – 63% (12/19)
Bathroom – 43% (6/14)

15:00-17:59

Bedroom - 68% (53/78)
Family – 63% (17/27)
Other – 81% (22/27)
Hallway – 50% (5/10)
Kitchen – 64% (9/14)
Bathroom – 54% (7/13)

18:00-20:59

Bedroom - 71% (53/75)
Family – 62% (28/45)
Other – 80% (33/41)
Hallway – 63% (17/27)
Kitchen – 64% (14/22)
Bathroom – 56% (5/9)

21:00-23:59

Bedroom - 63% (70/112)

Family – 56% (20/36)

Other – 79% (23/29)

Hallway – 69% (20/29)

Kitchen – 50% (9/18)

Bathroom – 65% (13/20)

Were There Reports of a Victim v Total Recorded Rescues:

Yes - Report of Victim(s) – 69% (1373/1996)

Yes – Report of Everyone is Out – 3% (61/1996) – **26% of these (16/61) times the report was given by a resident of the fire building*

No – No Report of Victim(s) – 28% (562/1996)

Were There Reports of a Victim v Survival Rate:

Yes - Report of Victim(s) – 58% (786/1361)

Yes – Report of Everyone is Out – 66% (40/61)

No – No Report of Victim(s) – 67% (374/556)

Who Made the Statement About Victims Inside v Total Recorded Rescues:

Resident of Fire Building – 52% (394/764) – **17% (59/350) time the victim location report was inaccurate*

Police – 8% (58/764)

Neighbor – 23% (177/764)

Bystander – 7% (52/764)

Unknown/Other – 11% (83/764)

Who Made the Statement About Victims Inside v Survival Rate:

Resident of Fire Building – 69% (272/392)

Police – 74% (43/58)

Neighbor – 46% (82/177)

Bystander – 67% (35/52)

Unknown/Other – 80% (66/82)

Were Victim Reports Accurate (i.e. presence of a victim, number of victims, location of victims, etc.) v Total Recorded Rescues:

Yes - 77% (864/1124)

No – 23% (260/1124)

N/A – 296

Were Victim Reports Accurate (i.e. number of victims, location of victims, etc.) v Survival Rate:

Yes - 63% (546/860)

No – 48% (122/255)

N/A – 51% (149/294)

When Was Search Initiated v Total Recorded Rescues:

Pre Knockdown – 83% (1661/1991)

Post Knockdown – 17% (330/1991)

When Was Search Initiated v Survival Rate:

Pre Knockdown – 65% (1069/1653)

Post Knockdown – 40% (129/322)

** 89% (1069/1198) of all successful rescues were made when search was initiated before the fire was knocked down*

When Was Search Initiated v Total Recorded Rescues:

Pre RIT/RIC Assignment – 95% (1093/1151)

Post RIT/RIC Assignment – 5% (58/1151)

When Was Search Initiated v Survival Rate:

Pre RIT/RIC Assignment – 66% (725/1091)

Post RIT/RIC Assignment – 47% (27/58)

** 96% (725/752) of all successful rescues were made when search was initiated before the RIT was assigned*

Occupancy Type v Total Recorded Rescues:

SFD – 55% (1101/1994)

MFD – 35% (698/1994)

Mobile Home – 5% (106/1994)

Other – 4% (73/1994)

Commercial – 1% (16/1994)

Occupancy Type v Survival Rate:

SFD – 54% (583/1089)

MFD – 73% (507/693)

Mobile Home – 49% (52/106)

Other – 63% (45/71)

Commercial – 69% (11/16)

Number of Floors Above Grade v Total Recorded Rescues:

1 Story – 44% (874/1998)

2 Stories – 37% (741/1998)

3 Stories – 15% (293/1998)

>3 Stories – 5% (90/1998)

Number of Floors Above Grade v Survival Rate:

1 Story – 54% (471/868)
2 Stories – 62% (450/731)
3 Stories – 70% (203/291)
>3 Stories – 89% (79/89)

Exterior Conditions Upon Arrival v Total Recorded Rescues:

Nothing Showing – 6% (124/1993)
Smoke Only – 29% (582/1993)
<25% - 25% (489/1993)
25-50% - 28% (562/1993)
51-75% - 9% (175/1993)
>75% - 3% (61/1993)

Exterior Conditions Upon Arrival v Survival Rate:

Nothing Showing – 78% (97/124)
Smoke Only – 71% (409/573)
<25% - 66% (321/484)
25-50% - 52% (291/557)
51-75% - 33% (57/174)
>75% - 33% (20/61)

Fire Location (Floor) v Total Recorded Rescues:

Basement – 4% (82/1870)
1st Floor – 60% (1122/1870)
2nd Floor – 19% (357/1870)
3rd Floor – 4% (80/1870)
>3 – 2% (37/1870)
Multiple Floors – 10% (192/1870)

Fire Location (Floor) v Survival Rate:

Basement – 70% (56/80)
1st Floor – 56% (619/1112)
2nd Floor – 71% (253/355)
3rd Floor – 91% (72/79)
>3 – 81% (30/37)
Multiple Floors – 51% (98/191)

Fire Location (Room) v Total Recorded Rescues:

Bedroom – 18% (301/1657)
Basement - 3% (47/1657)
Bathroom – 1% (19/1657)
Kitchen – 21% (354/1657)
Family Room – 14% (231/1657)
Living Room - 4% (63/1657)

Garage – 2% (39/1657)
Attic – 2% (38/1657)
Exterior – 1% (17/1657)
Multiple Rooms – 33% (548/1657)

Fire Location (Room) v Survival Rate:

Bedroom – 62% (185/299)
Basement - 52% (24/46)
Bathroom – 74% (14/19)
Kitchen – 75% (263/350)
Family Room – 65% (149/231)
Living Room – 47% (29/62)
Garage – 72% (28/39)
Attic – 81% (30/37)
Exterior – 76% (13/17)
Multiple Rooms – 50% (270/544)

Fire Conditions Upon Entry v Total Recorded Rescues:

Incipient – 8% (161/1975)
Room and Contents – 40% (791/1975)
Multiple Rooms – 22% (426/1975)
Structure – 30% (597/1975)

Fire Conditions Upon Entry v Survival Rate:

Incipient – 83% (131/158)
Room and Contents – 67% (526/782)
Multiple Rooms – 59% (251/424)
Structure – 46% (275/594)

Initial Mode of Operation v Total Recorded Rescues:

Offensive – 94% (1014/1082)
Defensive – 6% (68/1082)

Initial Mode of Operation v Survival Rate:

Offensive – 68% (692/1011)
Defensive – 46% (31/68)

Visibility v Total Recorded Rescues:

High Viz – 8% (154/1971)
Moderate Viz – 20% (404/1971)
Low Viz – 38% (748/1971)
Zero Viz – 34% (665/1971)

Visibility v Survival Rate:

High Viz – 84% (129/154)
Moderate Viz – 76% (303/401)
Low Viz – 60% (444/740)
Zero Viz – 47% (309/659)

Conditions at Victim Location v Total Recorded Rescues:

Fire – 2% (23/1083)
Fire and Smoke – 25% (276/1083)
Smoke – 69% (751/1083)
No Fire or Smoke – 3% (33/1083)
** 28% (299/1083) of recorded rescues have fire (or fire and smoke) at the victim's location*

Conditions at Victim Location v Survival Rate:

Fire – 13% (3/23)
Fire and Smoke – 47% (128/274)
Smoke – 75% (559/749)
No Fire or Smoke – 88% (29/33)
** 44% (131/297) survival rate when fire (or fire and smoke) at the victim's location*

Did the Structure appear Vacant or Abandoned v Total Recorded Rescues:

Yes - 3% (45/1795)
No – 97% (1750/1795)

Did the Structure Appear Vacant or Abandoned v Survival Rate:

Yes - 65% (28/43)
No – 62% (1080/1733)

Did the Structure Have Working Smoke Alarms v Total Recorded Rescues:

Yes - 37% (414/1105)
No – 31% (346/1105)
Unknown – 31% (345/1105)

Did the structure have working smoke alarms v Survival Rate:

Yes - 80% (328/411)
No – 59% (205/345)
Unknown – 59% (204/345)

Victim Location (Floor) v Total Recorded Rescues:

Basement – 4% (71/1991)
1st Floor – 57% (1142/1991)
2nd Floor – 30% (599/1991)
3rd Floor – 7% (138/1991)

>3 – 2% (41/1991)

Victim Location (Floor) v Survival Rate:

Basement – 62% (43/69)

1st Floor – 54% (619/1136)

2nd Floor – 66% (390/594)

3rd Floor – 84% (114/135)

>3 – 83% (34/41)

Victim Location (Room) v Total Recorded Rescues:

Bedroom – 45% (887/1967)

Family – 15% (299/1967)

Other – 6% (112/1967)

Hallway – 10% (195/1967)

Kitchen – 8% (153/1967)

Bathroom – 6% (126/1967)

Stairs – 1% (29/1967)

Laundry – <1% (8/1967)

Garage – 1% (12/1967)

Balcony/Porch/Deck – 3% (67/1967)

Basement – 1% (21/1967)

Foyer – 3% (58/1967)

Victim Location (Room) v Survival Rate:

Bedroom – 59% (521/879)

Family – 61% (182/298)

Other – 74% (82/111)

Hallway – 59% (115/195)

Kitchen – 48% (73/152)

Bathroom – 49% (62/126)

Stairs – 57% (16/28)

Laundry – 71% (5/7)

Garage – 42% (5/12)

Balcony/Porch/Deck – 97% (64/66)

Basement – 80% (16/20)

Foyer – 72% (42/58)

Was the Victim Found Behind a Closed Door/Isolated From Fire v Total Recorded Rescues:

Yes - 22% (246/1097)

No – 78% (851/1097)

* Victims were located in a bedroom with a closed door in 26% (130/495) of recorded rescues

Was the Victim Found Behind a Closed Door/Isolated From Fire v Survival Rate:

Yes - 86% (211/246) * Bedroom with a closed door 82% (106/130)

No – 62% (522/848) * Bedroom without a closed door 58% (212/364)

Location of Victim (Within Compartment) v Total Recorded Rescues:

On Floor Within 6' of an Exterior Door – 12% (235/1970)

On Floor Directly Beneath a Window – 7% (131/1970)

Closet – 1% (19/1970)

In Crib – 1% (15/1970)

On Bed – 13% (263/1970)

Under Bed – 1% (20/1970)

Couch/Sofa/Chair – 5% (105/1970)

Floor – 41% (800/1970)

Standing – 11% (211/1970)

Bath Tub/Shower – 2% (34/1970)

Other – 7% (137/1970)

* All Floor Categories (Non-Bed/Crib/Chair/Standing/Other) – 63% (1239/1970)

Location of Victim (Within Compartment) v Survival Rate:

On Floor Within 6' of an Exterior Door – 52% (121/234)

On Floor Directly Beneath a Window – 55% (72/130)

Closet – 58% (11/19)

In Crib – 80% (12/15)

On Bed – 57% (149/261)

Under Bed – 60% (12/20)

Couch/Sofa/Chair – 65% (68/105)

Floor – 53% (423/792)

Standing – 99% (207/209)

Bath Tub/Shower – 44% (15/34)

Other – 75% (102/136)

* All Floor Categories (Non-Bed/Crib/Chair/Standing/Other) – 53% (654/1229)

Victim Age v Total Recorded Rescues:

0-2 – 3% (66/1971)

3-5 – 4% (87/1971)

6-12 – 5% (89/1971)

13-18 – 3% (51/1971)

19-64 – 57% (1129/1971)

>65 – 28% (549/1971)

Victim Age v Survival Rate:

0-2 – 53% (35/66)

3-5 – 53% (46/87)

6-12 – 66% (59/89)

13-18 – 72% (36/50)
19-64 – 62% (696/1121)
>65 – 58% (314/545)

Crew Locating Victim v Total Recorded Rescue:

Primary – 58% (1166/1994)
Attack – 25% (508/1994)
Other – 7% (140/1994)
Secondary – 4% (79/1994)
Salvage/Overhaul – 2% (47/1994)
PD – 2% (36/1994)
Ventilation – 1% (18/1994)

Crew Locating Victim v Survival Rate:

Primary – 62% (718/1158)
Attack – 59% (296/502)
Other – 84% (116/138)
Secondary – 22% (17/79)
Salvage/Overhaul – 9% (4/47)
PD – 94% (34/36)
Ventilation – 89% (16/18)

Did the Search Crew That Located the Victim Physically Have a Hoseline With Them v Total Recorded Rescues:

Yes - 11% (72/670)
No – 89% (598/670)

Did the Search Crew That Located the Victim Physically Have a Hoseline With Them v Survival Rate:

Yes - 67% (48/72)
No – 64% (382/598)

Number of Firefighters Assigned to Search Before Victim Was Located v Total Recorded Rescues:

0 – 12% (129/1104)
1 – 7% (73/1104)
2 – 37% (409/1104)
3 – 18% (201/1104)
4 – 15% (161/1104)
5 – 5% (51/1104)
>5 – 7% (80/1104)

Number of Firefighters Assigned to Search Before Victim Was Located v Survival Rate:

0 – 70% (89/128)

1 – 78% (57/73)
2 – 68% (279/409)
3 – 71% (142/201)
4 – 59% (94/160)
5 – 65% (33/51)
>5 – 54% (43/79)

Search Type v Total Recorded Rescues:

Split – 37% (570/1528)
Left Hand/Right Hand – 25% (381/1528)
Oriented – 16% (239/1528)
VES/VEIS – 21% (315/1528)
Search Line – 2% (23/1528)
*Not Assigned to Search – 411

Search Type v Survival Rate:

Split – 61% (346/566)
Left Hand/Right Hand – 58% (221/378)
Oriented – 62% (147/237)
VES/VEIS – 61% (191/313)
Search Line – 39% (9/23)
*Not Assigned to Search – 65% (263/404)

VES Rescues v Victim Reports (Total):

Yes, Report of Victim – 89% (276/310)
No, No Report of Victims – 11% (34/310)

VES Rescues v Victim Reports (Survival Rate)?

Yes, Report of Victim – 62% (169/274)
No, No Report of Victims – 53% (18/34)

Was a Thermal Imaging Camera Used to Assist Search v Total Recorded Rescues:

Yes - 35% (624/1778)
No – 65% (1154/1778)

Was a Thermal Imaging Camera Used to Assist Search v Survival Rate:

Yes - 54% (333/617)
No – 67% (769/1145)

Time From FD Arrival on Scene Until Arrival at Victim (Search Time) v Total Recorded Rescues:

<2 minutes – 21% (408/1983)
2-4 minutes – 30% (596/1983)
4-6 minutes – 20% (399/1983)

6-8 minutes – 11% (219/1983)
8-10 minutes – 7% (137/1983)
10-20 minutes – 8% (150/1983)
20-30 minutes – 1% (21/1983)
30-60 minutes – 1% (18/1983)
>60 minutes – 2% (35/1983)

Time From FD Arrival on Scene Until Arrival at Victim (Search Time) v Survival Rate:

<2 minutes – 79% (320/404)
2-4 minutes – 67% (400/593)
4-6 minutes – 62% (246/397)
6-8 minutes – 48% (104/218)
8-10 minutes – 49% (66/134)
10-20 minutes – 35% (52/150)
20-30 minutes – 15% (3/20)
30-60 minutes – 6% (1/18)
>60 minutes – 3% (1/35)

Time From Arrival at Victim Until Victim Removed (Removal Time) v Total Recorded Rescues:

<2 minutes – 57% (1107/1930)
2-4 minutes – 17% (337/1930)
4-6 minutes – 9% (169/1930)
6-8 minutes – 4% (78/1930)
8-10 minutes – 3% (61/1930)
10-20 minutes – 2% (45/1930)
20-30 minutes – <1% (7/1930)
30-60 minutes – <1% (9/1930)
>60 minutes – 6% (117/1930)

Time From Arrival at Victim Until Victim Removed (Removal Time) v Survival Rate:

<2 minutes – 66% (721/1098)
2-4 minutes – 74% (248/334)
4-6 minutes – 64% (109/169)
6-8 minutes – 63% (49/78)
8-10 minutes – 52% (31/60)
10-20 minutes – 31% (14/45)
20-30 minutes – 29% (2/7)
30-60 minutes – 0% (0/9)
>60 minutes – 0% (0/116)

Time From FD Arrival on Scene Until Victim Removed (Total Rescue Time) v Total Recorded Rescues:

<6 minutes – 57% (1085/1920)

6 - 10 minutes – 21% (402/1920)
11 - 15 minutes – 9% (168/1920)
16 - 20 minutes – 4% (83/1920)
21 – 30 minutes – 2% (38/1920)
>30 minutes – 8% (144/1920)

Time From FD Arrival on Scene Until Victim Removed (Total Rescue Time) v Survival Rate:

<6 minutes – 71% (767/1077)
6 - 10 minutes – 63% (249/398)
11 - 15 minutes – 56% (94/168)
16 - 20 minutes – 46% (38/83)
21 – 30 minutes – 39% (15/38)
>30 minutes – 3% (4/143)

Did Victim Exit Under Their Own Power v Total Recorded Rescues:

Yes - 14% (270/1975)
No – 86% (1705/1975)

Did Victim Exit Under Their Own Power v Survival Rate:

Yes - 100% (268/268)
No – 55% (933/1692)

How Was Victim Removed v Total Recorded Rescues:

Drag or Carry (Dirty Drag) – 82% (1438/1757)
Drag of Carry with webbing (or similar) – 3% (55/1757)
Ground Ladder – 14% (249/1757)
Aerial Ladder – 1% (15/1757)

How Was Victim Removed v Survival Rate:

Drag or Carry (Dirty Drag) – 57% (811/1430)
Drag of Carry with webbing (or similar) – 49% (27/55)
Ground Ladder – 84% (207/246)
Aerial Ladder – 73% (11/15)

Path of Removal v Total Recorded Rescues:

Door – 62% (1028/1650)
Window – 24% (396/1650)
Down or Up interior stairs - 13% (220/1650)
Shelter in Place – <1% (6/1650)

Path of Removal v Survival Rate:

Door – 59% (601/1024)
Window – 68% (268/393)

Down or Up interior stairs - 72% (157/219)
Shelter in Place – 67% (4/6)

Number of Rescuers Needed for Removal v Total Recorded Rescues:

1 – 23% (441/1953)
2 – 43% (831/1953)
3 – 18% (357/1953)
4-6 – 15% (301/1953)
>6 – 1% (23/1953)

Number of Rescuers Needed for Removal v Survival Rate:

1 – 74% (326/440)
2 – 62% (514/823)
3 – 54% (191/353)
4-6 – 54% (160/299)
>6 – 9% (2/23)

Was a Cyanokit Used v Total Recorded Rescues:

Yes - 10% (204/1956)
No – 90% (1752/1956)

Was a Cyanokit Used v Survival Rate:

Yes - 69% (141/204)
No – 60% (1041/1738)

Victim Burns v Cyanokit v Total Recorded Rescues:

None – 917 (No Cyanokit) ; 106 (Cyanokit)
Mild - 409 (No Cyanokit) ; 66 (Cyanokit)
Severe – 413 (No Cyanokit) ; 32 (Cyanokit)

Victim Burns v Cyanokit v Survival Rate:

None – 72% (654/910) ; 77% (82/106)
Mild - 57% (230/407) ; 64% (42/66)
Severe - 37% (151/409) ; 53% (17/32)

Was CPR Performed on Victim v Total Recorded Rescues:

Yes - 32% (644/1986)
No – 68% (1342/1986)

Was CPR Performed on Victim v Survival Rate:

Yes - 31% (196/638)
No – 75% (1001/1333)

Was Victim Transported to a Hospital v Total Recorded Rescues:

Yes - 66% (1305/1986)
No – 34% (681/1986)

Was Victim Transported to a Hospital v Survival Rate:

Yes - 73% (947/1296)
No – 37% (251/676)

Was Victim Conscious Upon Removal From Structure v Total Recorded Rescues:

Yes - 39% (782/1989)
No – 61% (1207/1989)

Was Victim Conscious Upon Removal From Structure v Survival Rate:

Yes - 88% (684/775)
No – 46% (518/1119)
* 56% (333/592) survival rate for unconscious victims when CPR was not performed

Victim Burns v Total Recorded Rescues:

None – 53% (1036/1978)
Mild – 25% (489/1978)
Severe – 23% (453/1978)

Victim Burns v Survival Rate:

None – 72% (744/1028)
Mild – 58% (281/487)
Severe – 38% (171/449)
* 41% (125/306) survival rate for victims with severe burns when CPR was not performed

Did Victim Suffer Smoke Inhalation v Total Recorded Rescues:

Yes - 83% (1644/1983)
No – 17% (339/1983)

Did Victim Suffer Smoke Inhalation v Survival Rate:

Yes - 64% (1049/1633)
No – 44% (148/336)

Medical Treatment v Survival Rate:

CPR – 31% (196/638)
Cyanokit - 69% (141/204)
Hospital – 73% (947/1296)

Condition of Victim v Survival Rate:

Unconscious – 46% (518/1119)
Severe Burns – 38% (171/449)
CPR – 31% (196/638)

Condition of Victim v Survival Rate:

Unconscious (no CPR) – 56% (333/592)

Severe Burns (no CPR) – 41% (125/306)

CPR – 31% (196/638)

Total Recorded Rescues v Survival Rate:

Alive – 61% (1203/1982)

Deceased – 39% (779/1982)