

# Flooding, Water & Mud Related Incidents

Essex County Fire and Rescue Service (ECFRS) analysis of flooding, rescues or evacuations from water and mud

# ECFRS Water Rescue assets

- Colchester (Lv4 DEFA Trained + Boat)
- Urban search and Rescue (USAR) (Lv4 DEFA Trained +Boat)
- West Mersea (Lv2 DEFA Trained)
- Leigh on Sea (Lv4 DEFA Trained +Boat)
- Chelmsford (Lv3 DEFA Trained + Animal Rescue)
- Orsett (Lv2 DEFA Trained)
- Ingatestone Lv2 DEFA Trained)
- Billericay (Lv2 DEFA Trained)
- Loughton (Lv4 DEFA Trained + Boat)
- All other Fire Stations have a level 1 (DEFA Trained) water rescue capability

# ECFRS attended – 485 Flooding Incidents involving properties between Jan 2019 - June20

BASILDON	45	PITSEA	7	FRINTON ON SEA	2	HARWICH	1
CHELMSFORD	39	DOVERCOURT	7	COPFORD	2	STANSTED	1
SOUTHEND-ON-SEA	33	TILBURY	6	THORPE BAY	2	ROMFORD	1
COLCHESTER	28	BUCKHURST HILL	5	PILGRIMS HATCH	2	THORPE LE SOKEN	1
HARLOW	26	ONGAR	5	GREAT WAKERING	2	ASHEN	1
BRENTWOOD	24	BENFLEET	4	EASTWOOD	2	BRADWELL	1
GRAYS	21	PURFLEET	4	SHENFIELD	2	HOCKLEY	1
CLACTON ON SEA	19	RAYLEIGH	4	MALDON	1	MAYLAND	1
SOUTH OCKENDON	18	CANVEY ISLAND	4	GREAT HOLLAND	1	SIBLE HEDINGHAM	1
LOUGHTON	15	SAFFRON WALDEN	4	THURROCK	1	WALTHAM CROSS	1
WESTCLIFF-ON-SEA	15	WIVENHOE	4	(blank)	1	HERONGATE	1
LEIGH-ON-SEA	12	WARLEY	3	HATFIELD BROAD OAK	1	WEST BERGHOLT	1
EPPING	9	BILLERICAY	3	DEBDEN	1	BURNHAM-ON-CROUCH	1
WICKFORD	9	CHADWELL ST MARY	3	MANNINGTREE	1	GREAT YELDHAM	1
WITHAM	9	CHIGWELL	3	BOXTED	1	SOUTH WEALD	1
HUTTON	9	EAST TILBURY	3	TILLINGHAM	1	PARKESTON	1
WALTHAM ABBEY	8	STANFORD LE HOPE	2	RAWRETH	1	BRIGHTLINGSEA	1
ROCHFORD	8	SILVER END	2	HEYBRIDGE	1	INGATESTONE	1
BRAINTREE	7	TIPTREE	2	EARLS COLNE	1	ARDLEIGH	1
WEST THURROCK	7	LAINDON	2	HIGH RODING	1	JAYWICK	1

# Property Types

## Dwellings

Purpose built flats – 180

House – 157

Converted Flat – 43

Bungalow – 17

Self-Contained Sheltered housing – 9

Other Dwellings – 3

Licensed HMO – 3

Unknown HMO - 1



# None Residential

Retail – 17

Food and Drink – 13

Education – 6

Other Private None Residential Building – 2

Hospital and Medical care – 2

Private Summer House – 1

Transport Buildings – 1

Industrial Manufacturing – 1

Other Buildings - 1



Other Residential

**Residential Home – 6**

**Hotel – 1**

**Other Residential  
Home - 1**

# Outdoor

Highway – 12

Other Outdoor Location – 2

Pipes and Drains – 2

Other Outdoor Structures – 1

# Rescues or persons from water/mud


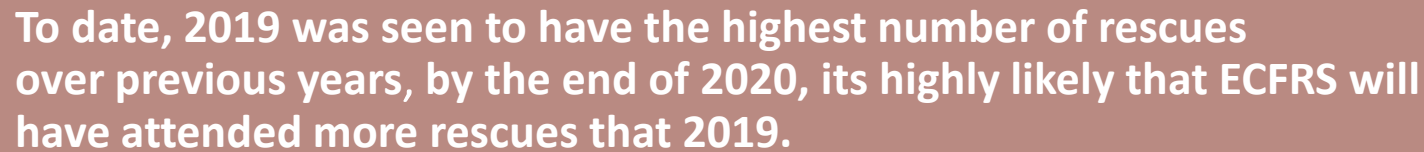
ECFRS has attended 114 incident where persons required rescuing from water or mud




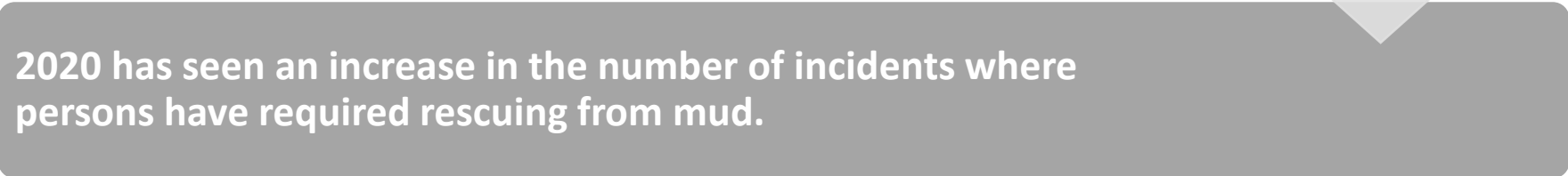
63% of the rescues were persons in water or at immediate risk of entering the water and 18% were release of persons from mud.



To date, 2019 was seen to have the highest number of rescues over previous years, by the end of 2020, its highly likely that ECFRS will have attended more rescues that 2019.

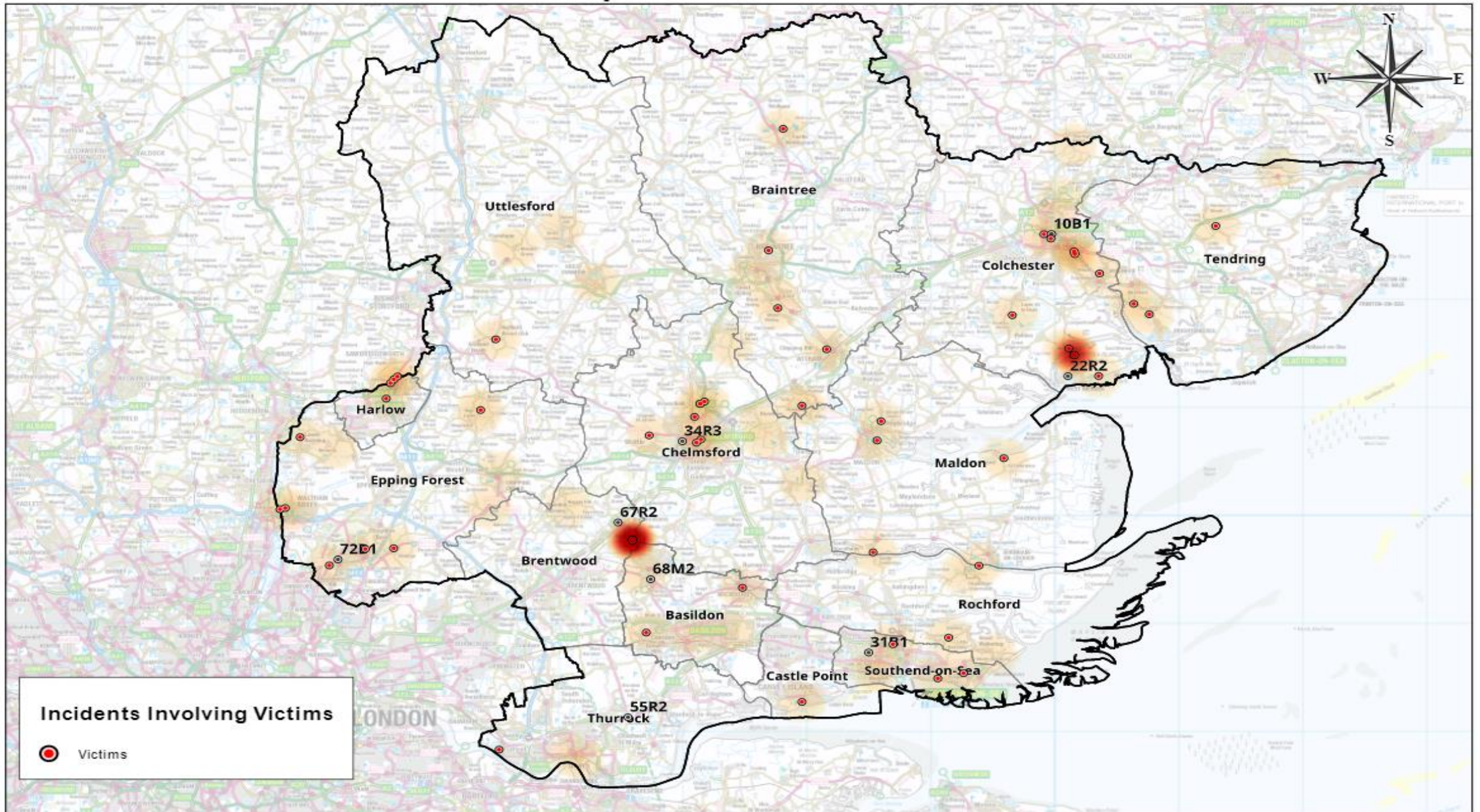


2020 has seen an increase in the number of incidents where persons have required rescuing from mud.





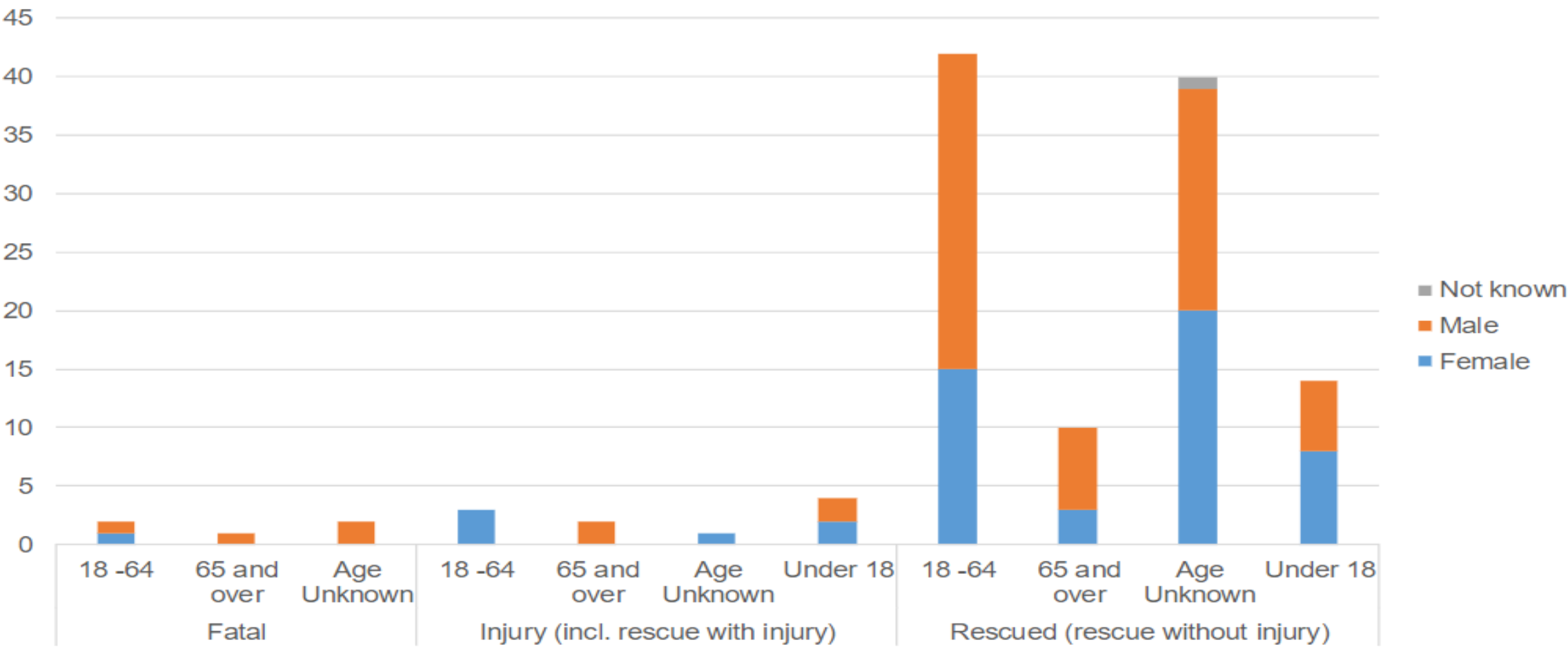
# Rescue of persons from water or mud



The chart below shows the profile of the person/s rescued from water or at immediate risk.

More incidents involve males than females

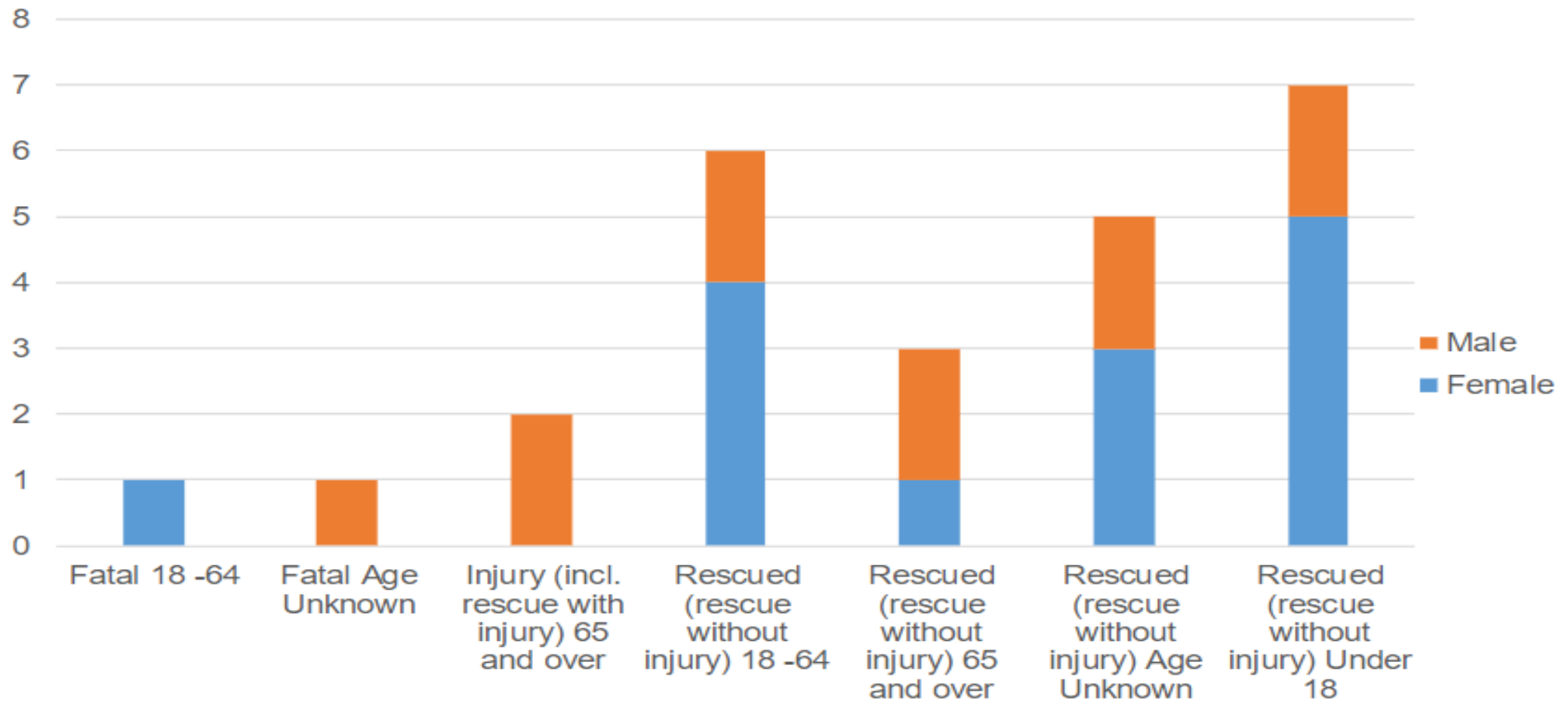
All fatalities were males



The chart below shows the profile of the person/s released from mud.

14 females to 11 males

5 females under 18 were rescued, 3 from one incident





## The Strood



# Blue Light Response

## **The Strood on to Mersea Island.**

- Incidents at the Strood are all related to the spring tides and traffic trying to across whilst the roadway is covered in water.
- Last eighteen months 16 calls to persons trapped in their vehicle due to flood water, all requiring a multi-agency blue light response, Fire, Police, Ambulance and Coastguard.
- 10 people rescued.



# Buttsbury Ford



# Blue Light Response

## **Buttsbury Ford.**

- Incidents at Buttsbury are all related to periods of heavy rain, the river level increasing and level at the ford becoming excessive for vehicles to pass.
- Last eighteen months; 16 calls to persons trapped, all requiring a multi-agency blue light response, Fire, Police, Ambulance.
- 15 people rescued.



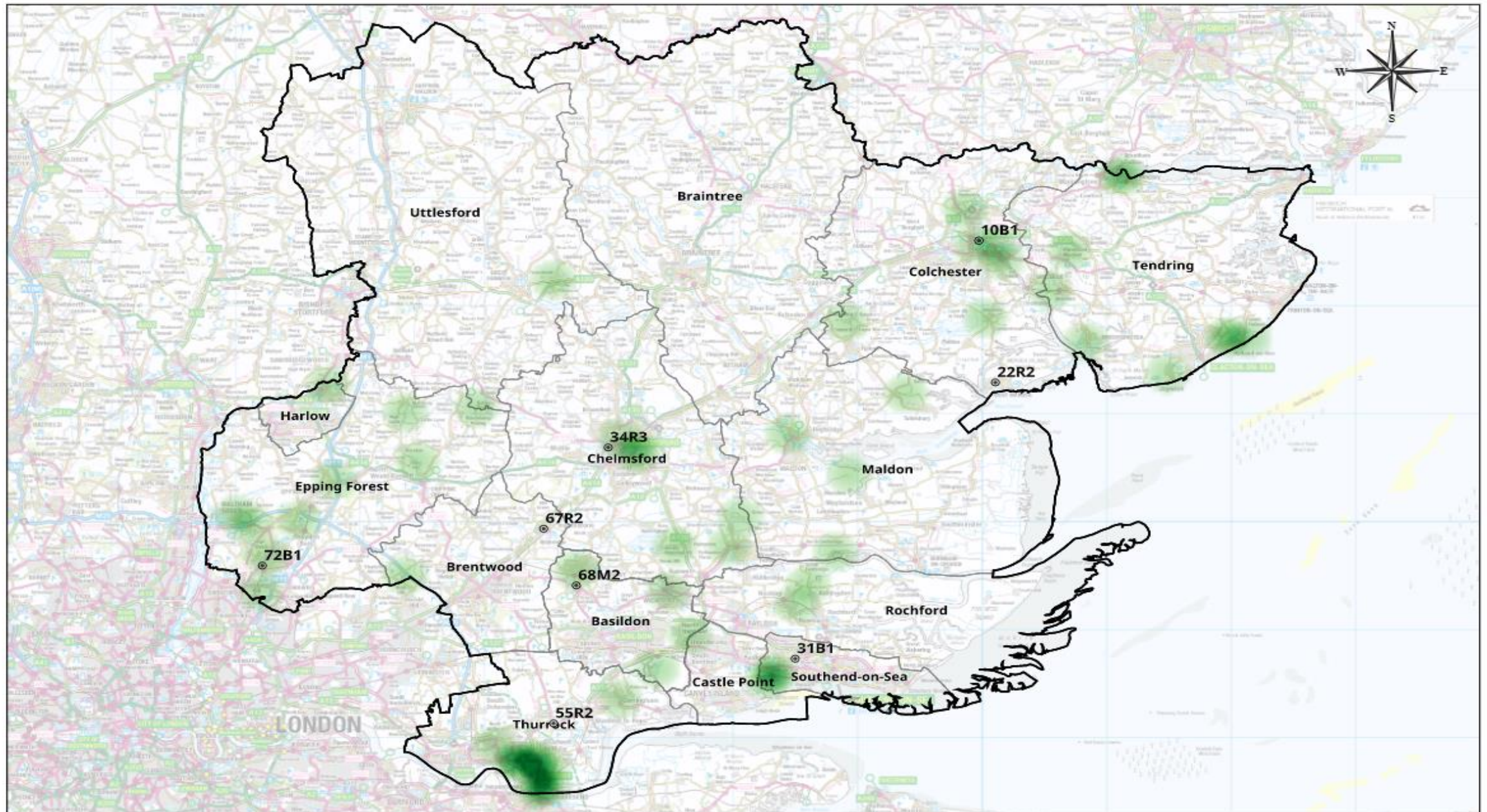


# Animal Rescue

ECFRS large animal rescue capability based at Chelmsford supported by South Woodham Ferrers and Great Baddow



## Animal rescues from water or mud





Thank you for  
listening

Station Manager Martyn Hare,  
Essex County Fire & Rescue Service