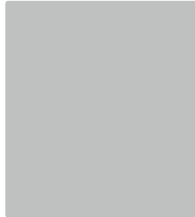




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**Proposed Change to NIFRS Crewing Arrangements**



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## **Current Crewing Systems**

|           |   |
|-----------|---|
| Wholetime | Full time firefighters available 24/7               |
| Retained  | Part time firefighters who respond from home/work   |
| Variable  | Full time firefighters available 12hrs/day all week |



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## **67 Fire Stations across Northern Ireland (approximately 5,500 square miles and 1.8 million people)**

| <b>Stations &amp; Crewing</b> | <b>Description of crewing</b>  |
|-------------------------------|--|
| 7 Wholetime                   | 2 appliances - full time firefighters  |
| 7 Wholetime / Retained        | 1 appliance - full time firefighters<br>1 appliance - part time firefighters   |
| 7 Variable Crewed             | 1 appliance - full time firefighters 12 hrs/day &<br>part time firefighters 12 hrs/day<br>1 appliance - part time firefighters |
| 45 Retained                   | 1 or 2 appliances – part time firefighters   |
| 1 Volunteer (Rathlin)         |  |

69.33% of Northern Ireland/36.99% of population is covered by Retained stations



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## **NIFRS Responsibilities**

**Prevention**

Vulnerable  
People

Multiple  
Deprivation

**Protection**

Type of  
Property

Building  
Structure

**Response**

Frequency  
of Incidents

Impact

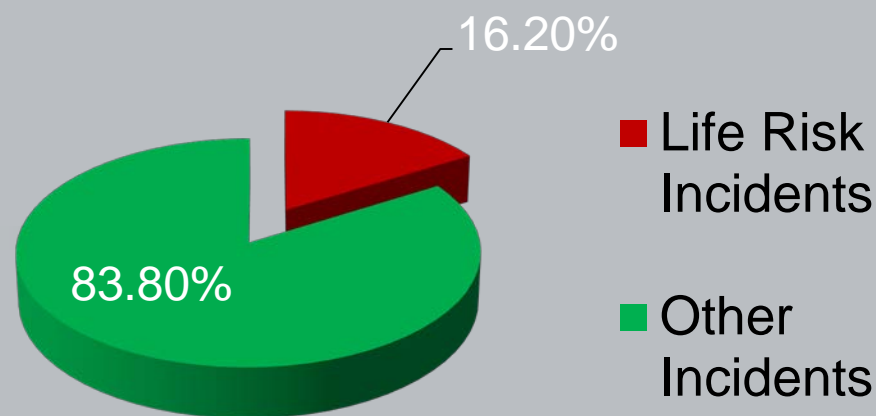


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## **In 2015 NIFRS responded to 22,352 emergency incidents**

| <b>Types of incidents</b>     |
|-------------------------------|
| Major Fires in Dwellings      |
| Major Fire in Other Buildings |
| Road Traffic Collisions       |
| Special Service Calls         |
| Other Major Fires             |
| Secondary Fires               |
| Chimney Fires                 |
| False Alarms                  |
| Standby                       |





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# Measuring the Risk:

**Likelihood of an incident happening**

**X**

**Impact of that incident**

(fatality/casualty/rescue)

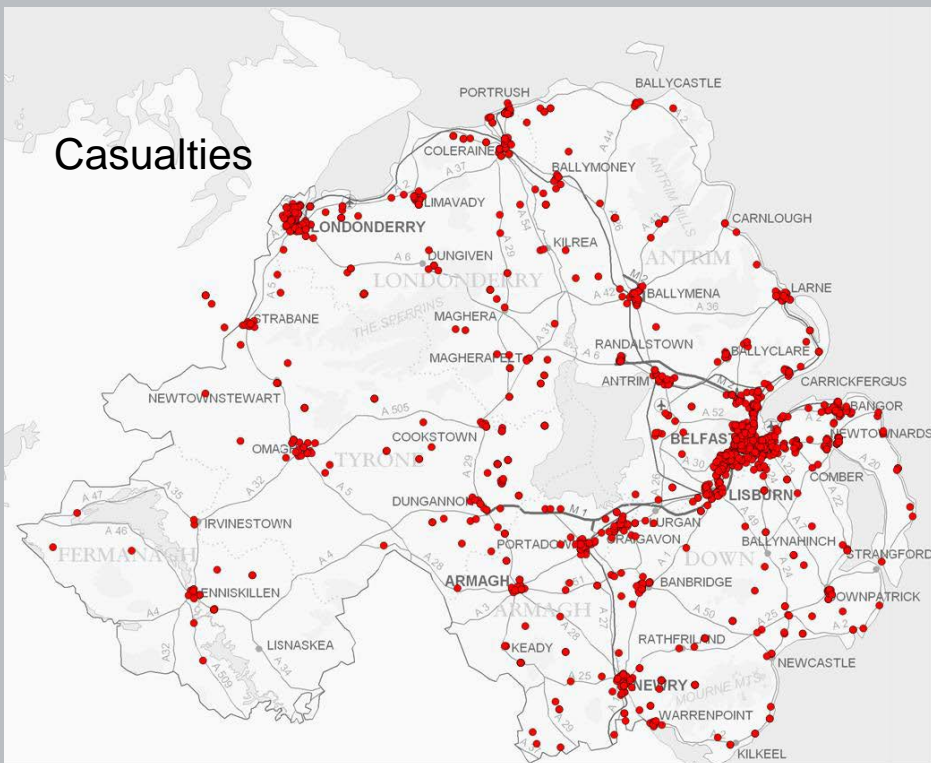


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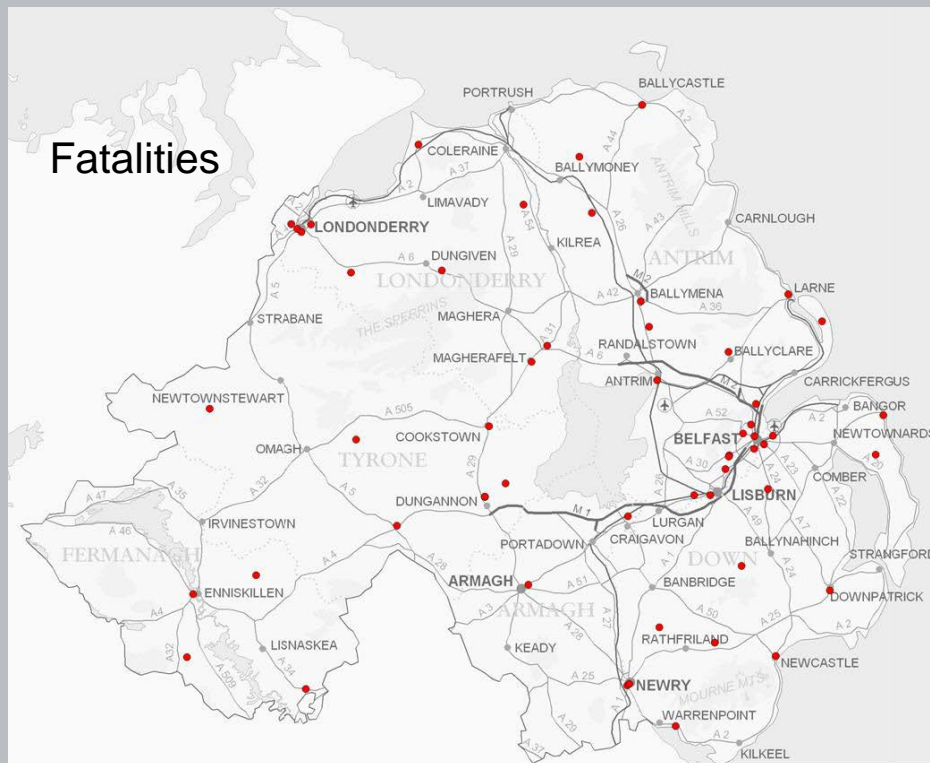
# Impact of Dwelling Fires over the past 5 years

**Casualties**



**1983 Casualties**

**Fatalities**



**55 Fatalities**

5,934 major dwelling fires attended 2010/11 to 2014/15

Dwelling fires increased by 4.7%

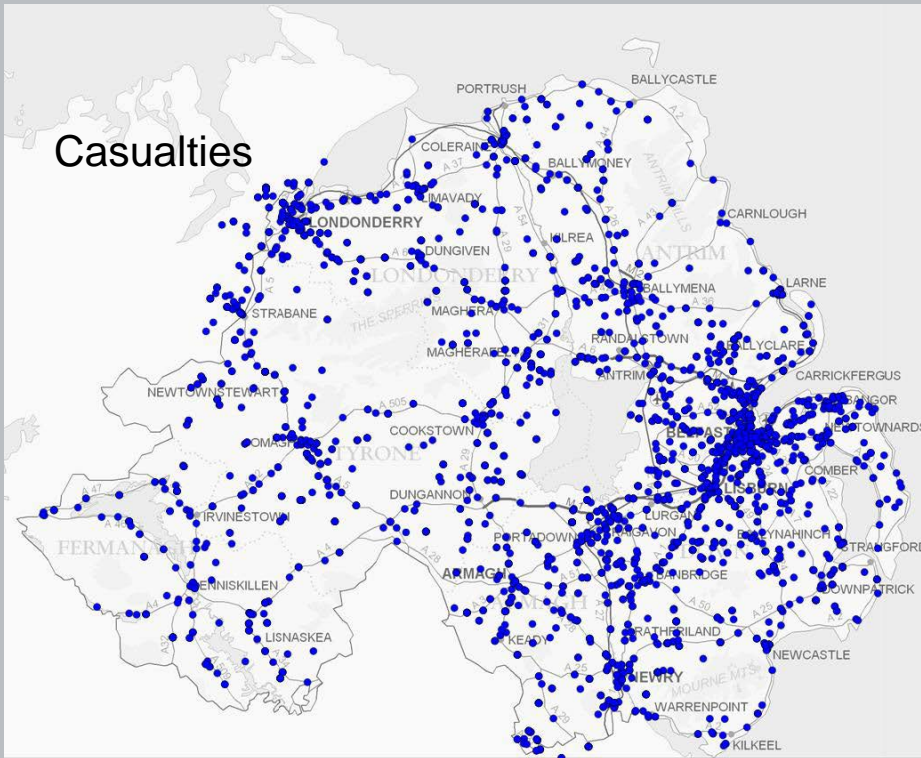


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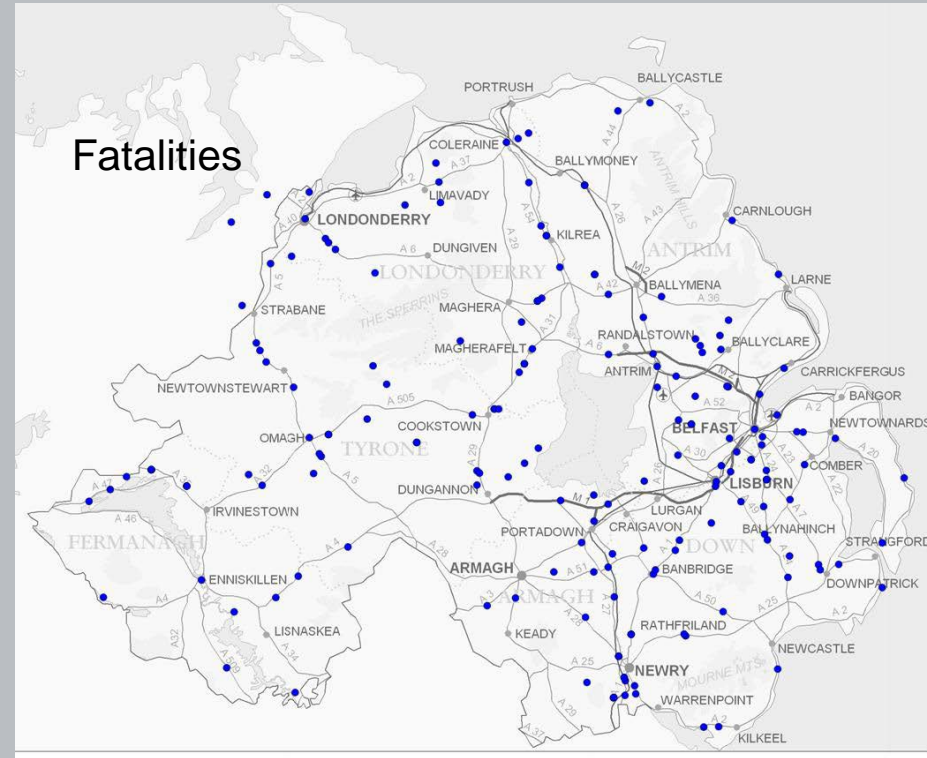
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# Impact of RTCs over the last 5 years

**Casualties**



**Fatalities**



5341 Casualties (attended by NIFRS)

177 Fatalities (attended by NIFRS)

3,190 RTCs attended 2010/11 to 2014/15

RTCs increased by 13%





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# Risk Calculation Summary

Annual average major  
dwelling fires



Annual average  
fatality/casualty/rescue  
at dwelling fires



Annual average major  
fires in other  
buildings



Annual average  
fatality/casualty/rescue  
at fires in other  
buildings



Annual average road  
traffic collisions



Annual average  
fatality/casualty/rescue  
at road traffic  
collisions



Annual average other  
major fires & special  
service calls



Annual average  
fatality/casualty/rescue  
at other major fires &  
special service calls



Annual average all  
other incidents



**STATION AREA RISK  
SCORE**



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## 67 Station Areas Risk Scored

5 Risk Bands: Very High to Very Low

Crewing and appliances are generally in line with Risk Bands

| <b>Risk Band</b> | <b>Appliances and Crewing</b>                              |
|------------------|--|
| Very High        | 2 pump Wholetime stations                                  |
| High             | 2 pump Wholetime/Retained stations                         |
| Medium           | 2 pump Variable Crewed stations & 2 pump Retained Stations |
| Low              | 2 Pump Retained Stations                                   |
| Very Low         | 1 Pump Retained Stations                                   |



## 11 'Medium Risk' Stations Under Review

| Station Name  | Crew     | Risk Score |
|---------------|----------|------------|
| Antrim        | Variable | 5225.00    |
| Portadown     | Variable | 5004.52    |
| Dungannon     | Retained | 3749.76    |
| Omagh         | Variable | 3597.24    |
| Armagh        | Variable | 3503.60    |
| Strabane      | Retained | 3419.60    |
| Coleraine     | Variable | 3380.08    |
| Downpatrick   | Retained | 3280.96    |
| Newtownards   | Variable | 3136.48    |
| Carrickfergus | Variable | 3120.52    |
| Enniskillen   | Retained | 3017.00    |

Highest Risk Station: Central = 29445.88

Lowest Risk Station: Portaferry = 269.00



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## **Proposed Day Crewing System**

Single Watch system with Firefighters required to work a 42 hour week in line with other NIFRS Wholetime shift patterns within a 50 hour 5 day week pattern

| <b>Day Crewing Shift System</b> |                           |                           |                           |                           |                           |                           |
|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <b>Monday</b>                   | <b>Tuesday</b>            | <b>Wednesday</b>          | <b>Thursday</b>           | <b>Friday</b>             | <b>Saturday</b>           | <b>Sunday</b>             |
| <b>0800 -<br/>1800hrs</b>       | <b>0800 -<br/>1800hrs</b> | <b>0800 -<br/>1800hrs</b> | <b>0800 -<br/>1800hrs</b> | <b>0800 -<br/>1800hrs</b> | <b>Rotary Day<br/>Off</b> | <b>Rotary Day<br/>Off</b> |



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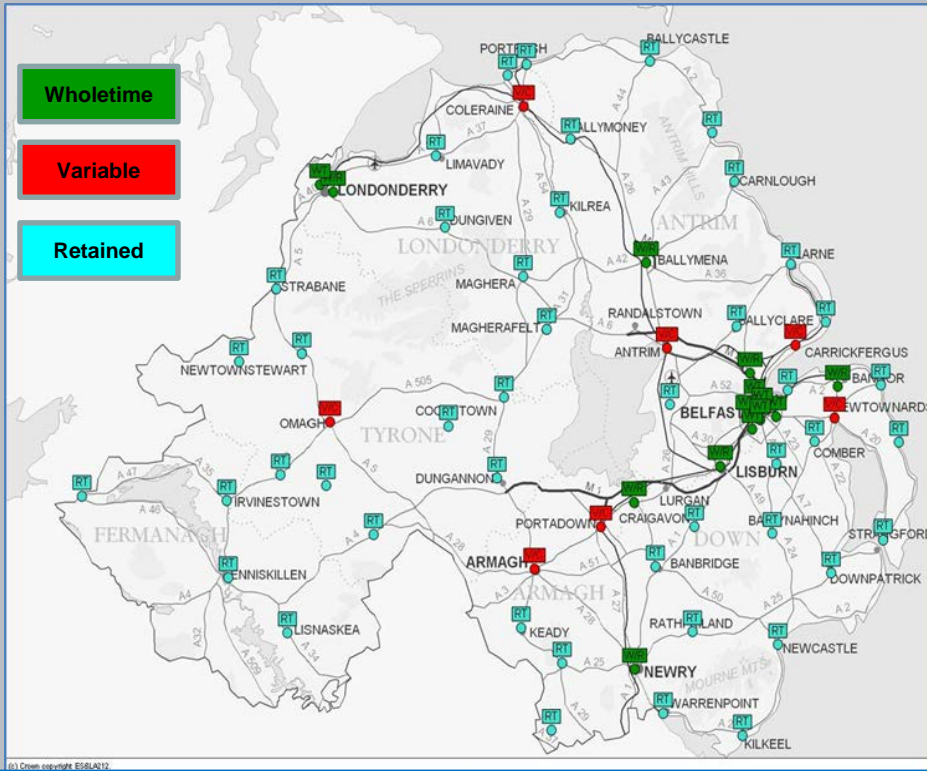
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## **Benefits of Day Crewing**

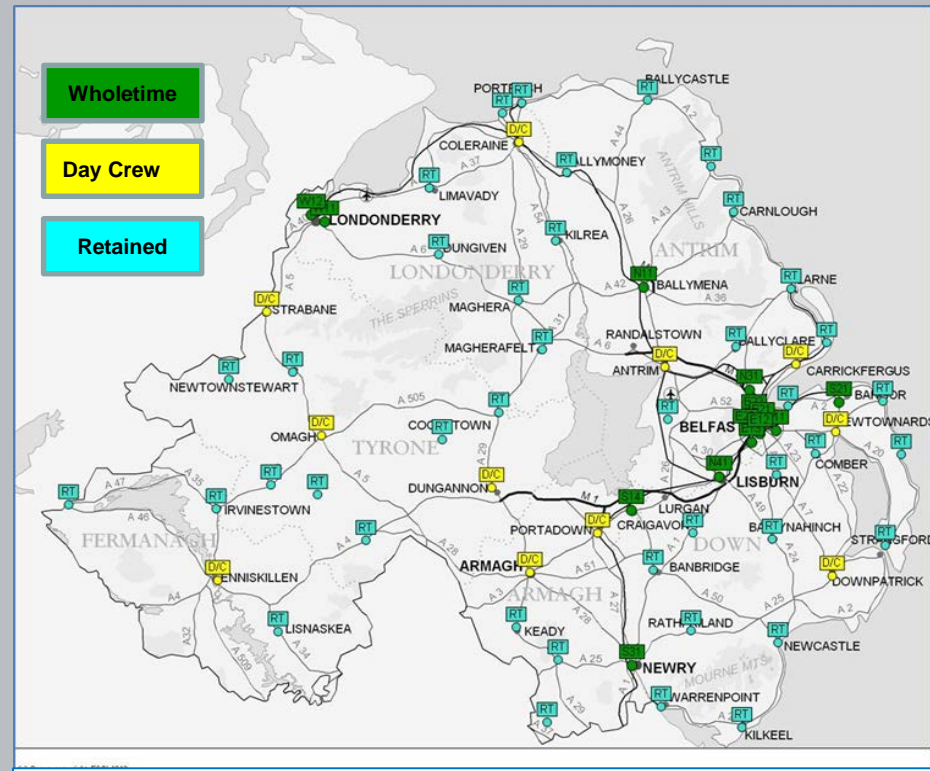
- Further improves spread of Wholetime in NI - faster response
- Release of resources to areas of similar risk
- Cost effective and efficient model
- Adequately resourced – reduced reliance on overtime
- Hours determined in line with Retained availability
- Hours determined to avoid heavy traffic for RDS
- Maximise community engagement to benefit public
- Maximise firefighter safety - Risk Critical Information (RCI)



# Existing Emergency Response & Proposed Day Crewing



Existing Emergency Response



Proposed Emergency Response



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# Consultation

Process:-

- Opened 14<sup>th</sup> December 2015 – Closing 7<sup>th</sup> March 2016
- Document available at NIFRS Web site
- Email response to [eqia.consultation@nifrs.org](mailto:eqia.consultation@nifrs.org)

Meetings

- Face to face meetings at each of affected stations
- Fire Brigades Union
- Public bodies
- Local Councils
- Interested parties



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## **Why are we consulting?**

- We want to hear what you think
- It is important that you have an opportunity to comment
- Address concerns and clarify any questions





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Questions / Comments