



# **ISLE OF WIGHT FIRE AND RESCUE SERVICE**

## **Fire Service Emergency Cover (FSEC)**

One of the tools used to assist the Isle of Wight Fire and Rescue Service in the preparation of the IRMP (Island Safety Plan) is the Fire Service Emergency Cover (FSEC) Toolkit. It is used to help with the allocation of RESPONSE resources and the targeting of PREVENTION activities such as Home Fire Safety Checks.

### **What is Fire Service Emergency Cover?**

Fire Service Emergency Cover (FSEC) Toolkit is a computer system that helps the Isle of Wight Fire and Rescue Service:

- to assess the Island's risks from fire and other incidents
- to allocate responses appropriate to those risks
- to predict the effectiveness of any activities that could reduce these risks

### **How does it work?**

Using information from various sources, FSEC can be used to estimate the risk of injury or death, and the extent of damage to property from fire and other incidents.

FSEC uses a Geographical Information System (GIS), which is based on Ordnance Survey maps to show areas with different levels of risk.

### **Sources of Information**

- Location of Fire Stations, fire engines and other Fire Service vehicles
- Location and type past incidents
- Census and Valuation Office information
- Fire behaviour and fire damage calculations
- Fire Safety information on Business premises, hospitals and public building



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## Isle of Wight Fire and Rescue Service Response Standards 2010/11

### Dwelling Fires

|                | Dwelling Fires                              |   |
|----------------|---|---|
| Risk Areas     | Attendance of 1 <sup>st</sup> Appliance in: | Attendance of 2 <sup>nd</sup> Appliance in: |
| Urban          | <=8 minutes                                 | 11 minutes                                  |
| Semi-Rural     | <=11 minutes                                | 14 minutes                                  |
| Rural          | <=15 minutes                                | 18 minutes                                  |
| Target 2010/11 | 80%   | 80%   |

### Road Traffic Collisions

|                | Road Traffic Collisions                     |                               |                                 |
|----------------|---|-------------------------------|---------------------------------|
| Risk Areas     | Attendance of 1 <sup>st</sup> Appliance in: | Attendance of Rescue Pump in: | Attendance of Rescue Tender in: |
| Whole Island   | <=15 minutes                                | <=20 minutes                  | <=20 minutes                    |
| Target 2010/11 | 95%   | 90%                           | 80%                             |