

Patterdale Station Risk Review / Profile

This document assesses the specific performance and risk within the fire station area. It provides more defined risk profiling down to Lower Super Output Area (LSOA) level.

The risk profiling process by its very nature provides evidence of the fire risk within each geographical LSOA using detailed known risk and demographic information. The risk formula used to inform our fire risk profile was devised following the Intervention Standards Review, full details are available on our website: www.cumbria.gov.uk/fire

The review also identifies other significant risks in the area that need consideration so that our resources are appropriately allocated across the county.

As well as looking at county wide issues and trends in the main Integrated Risk Management Plan (IRMP), this individual station risk profile considers:

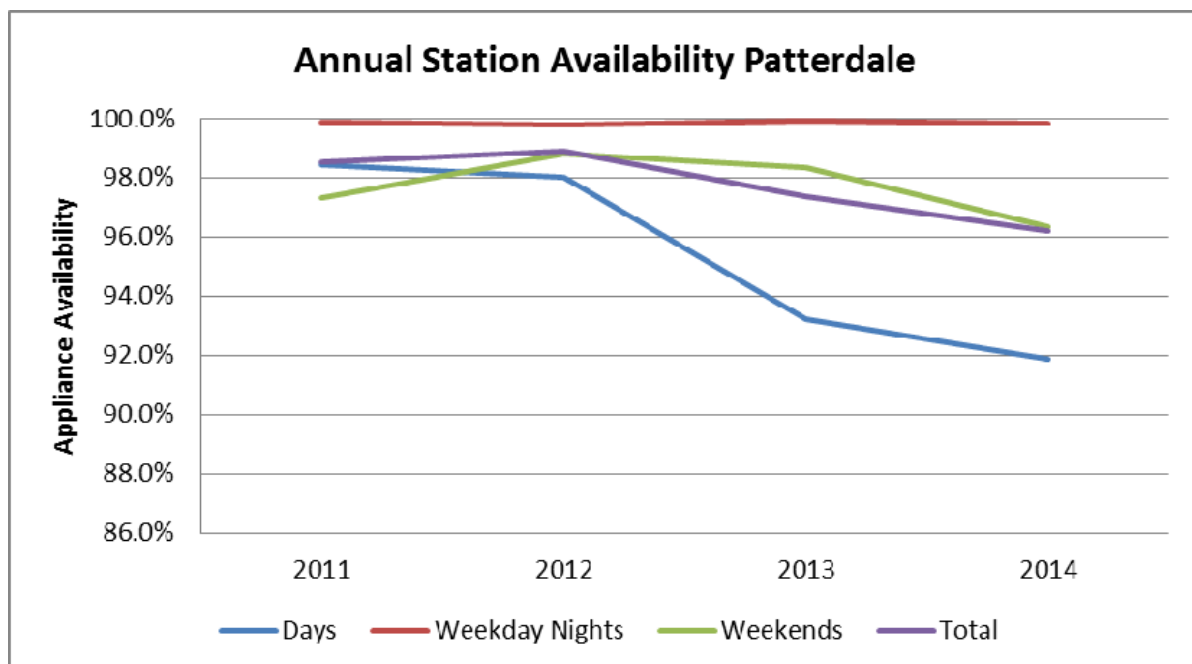
- Current resources
- Appliance availability
- Operational response activity
- Fire risk profile
- Next nearest supporting appliances
- Location specific risks including: heritage risk, environment risk, site specific risks: flooding risks, rurality and resilience risk.

Resources

Patterdale fire station is a new build PFI station completed in 2014. It 'houses' one appliance on the original site, halfway between Patterdale and Glenridding. There are currently 8 firefighters crewing the station working on the on call duty system.

On-call Fire Engine Availability 2014

During 2014 the Patterdale On-call fire engine had been off the run on 334 hours or 3.81% of the time

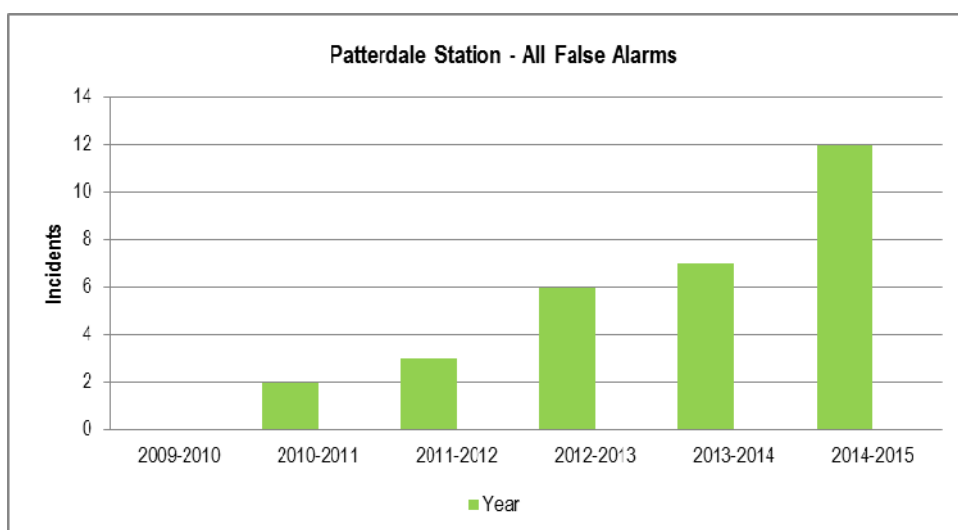
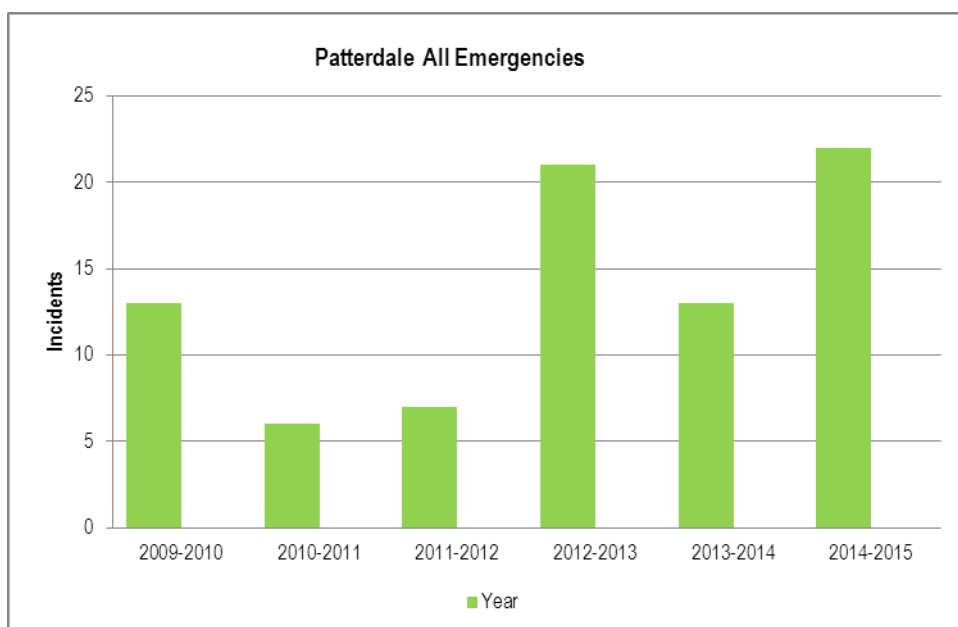


Activity

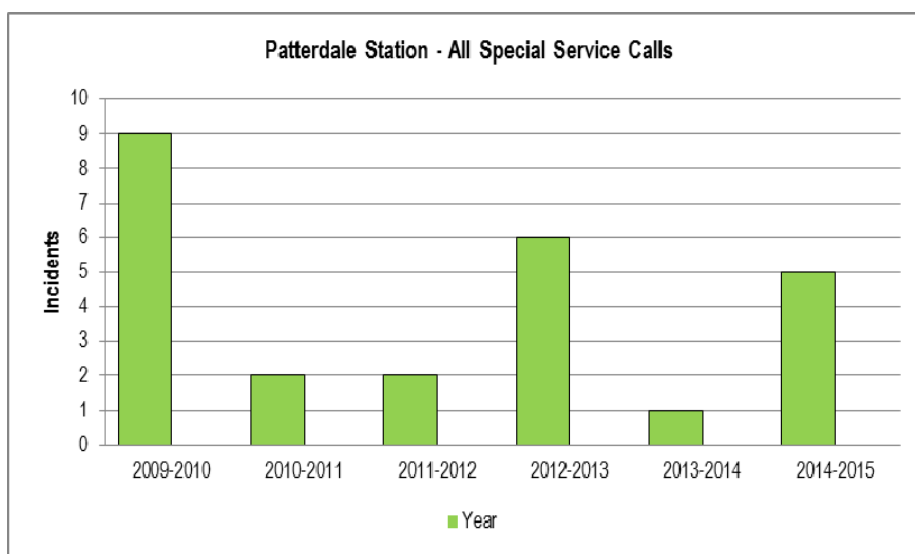
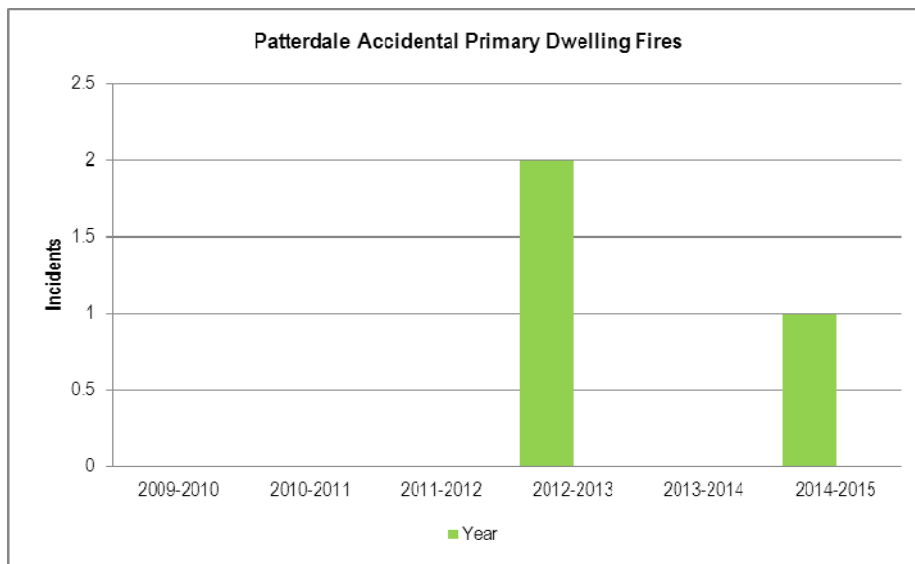
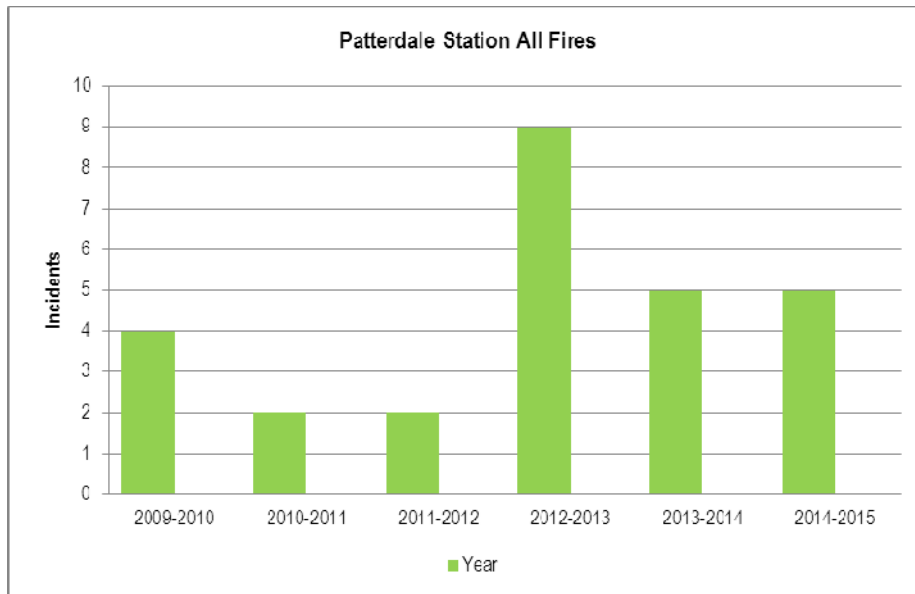
Considering incident numbers and types over time, the following table illustrates that the average number of incidents in the Patterdale Station area has remained consistently very low.

	Incident Activity in historical Station Area		Recent Incident Activity in historical Station Area Averaged over 2011-14 period				Fire engines / Crewing System	
Fire Station	Average Number of Incidents 2003/2004	Average Number of Incidents 2008/2009	Average Number of Incidents	Average No of AFAs	Average No of Road Traffic Collisions	Average No of Property Fires	Number of Fire engines	Crewing System
Patterdale	17	10	14	4.7	3	3	1	On Call

The following number of incidents have occurred in Patterdale Station Area but not necessarily attended by the Patterdale fire engine:



Activity continued



Activity continued

The Patterdale fire engine has 'booked in attendance' at the following number of incidents over the last five years. Some of the incidents attended may have been in neighbouring station areas.

Incidents Attended Apr-2009-Mar-2015 by C26 Station Pumps

CallSign	Incident_Type	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Total
C26P1	FA - Apparatus		2	2	3	5	5	17
	FA - Good Intent					3	4	7
	Fire - Chimney	2	2		3	3	2	12
	Fire - Primary Dwelling				6	1		7
	Fire - Primary NonResidential	1		1	1	2	2	7
	Fire - Primary OtherResidential				1		1	2
	Fire - Primary OutdoorStructure				1			1
	Fire - Primary RoadVehicle			2	1	2		5
	Fire - Secondary	1			2			3
	SSC - Other	5		3	5	2	4	19
	SSC - RTC	1	2		1		1	5
Total		10	6	8	24	18	19	85

Fire Risk Profile

The high level risk profile below, for the station, illustrates how the exposure to risk over the last eight years has moved.

C26 Patterdale Risk Profile		Incidents 2003/4 - 07/08		Incidents 2004/5 - 08/09		Incidents 2005/6 - 09/10		Incidents 2006/7 - 10/11		Incidents 2007/8 - 11/12		Incidents 2008/9 - 12/13		Incidents 2009/1 - 13/14		Incidents 2010/11 - 14/15	
		2008/9 Risk		2009/10 Risk		2010/11 Risk		2011/12 Risk		2012/13 Risk		2013/14 Risk		2014/15 Risk		2015/16 Risk	
Score	Risk Grade	Risk Score	No. of SOAs	Risk Score	No. of SOAs	Risk Score	No. of SOAs	Risk Score	No. Of SOAs	Risk Score	No. Of SOAs	Risk Score	No. Of SOAs	Risk Score	No. Of SOAs	Risk Score	No. Of SOAs
76 and above	High	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 75	Medium	100	2	88	2	84	2	86	2	46	1	0	0	0	0	0	0
34 and below	Low	0	0	0	0	0	0	0	0	24	1	44	2	46	2	50	2
		100	2	88	2	84	2	86	2	70	2	44	2	46	2	50	2
Total Risk Score		100		88		84		86		70		44		46		50	
Risk Score Increase/Reduction over the period				-12.00%		-16.00%		-14.00%		-30.00%		-56.00%		-54.00%		-50.00%	

Next nearest Supporting Appliances

The following table indicates the travel distance in miles from Patterdale Fire Station to the next nearest three fire stations.

Station Name	Distance by Road (MILES)
Ambleside	14
Penrith	22
Keswick	26

Other contextual information

Historically the communities of Patterdale and Glenridding were mainly farming and mining orientated, but of late they have become more and more reliant on tourism. Mining ceased in the early 1960's and farming employs less people by the year.

The fire engine based at Patterdale covers an area from the Inn at the top of Kirkstone Pass in the south, this is 1500' above sea level; northwards as far as Watermillock which is half way down the side of Lake Ullswater, and westwards as far as the A66 at Troutbeck.

Within that area the most significant risks are undoubtedly the large hotels in and around Glenridding and along the length of Lake Ullswater. Also within the area are two Youth Hostels and several residential outdoor pursuit centres, which cater for large numbers of students, many of secondary school age. Other risks include agricultural premises and the lake steamers which can carry up to 200 passengers.

Patterdale	Risk in station area
Heritage	<ul style="list-style-type: none">• High Street Roman Road• Cockpit Stone Circle• Myers Head Mine Grade I listed: <ul style="list-style-type: none">• Hartsop Hall and farm buildings attached Grade II* listed: <ul style="list-style-type: none">• Matterdale Church• Farm buildings attached to Glencoyne, Glenridding
Environment	Special Area of Conservation : Ullswater Oak Woods (NY400128) 4 Sites of Specific Scientific Interest
Site Specific Risks	Ullswater pumping station.
Flooding	There is risk of flooding posed from Grisedale, Deepdale and Goldrill becks with properties on the lower fells being particularly susceptible. A further problem is that often during severe weather the valley is left isolated due to impassable roads.
Rurality	Of the 2 Super Out Put Areas that make up Patterdale both are designated "Village and Hamlet" according to DEFRA Urban/Rural classifications.

The maps below examine the profile of the station in regard to broader risks. In this context, the maps represent the vulnerability (or risk) of a LSOA to a particular incident type, not a prediction of such an event happening in the future. Please note, a threshold has been set across the county in order to identify areas of greater risk from specific incident types, to inform prevention strategies and resource provision.

Patterdale (C26) Diversity Ratio Profiles



C26 Patterdale Score by Diversity Ratio Index
By Lower Super Output Area

