

Summary of Forestry Commission analysis of IRS for England and Great Britain Wildfire evidence 2009/10 to 2014/15

Rob Gazzard

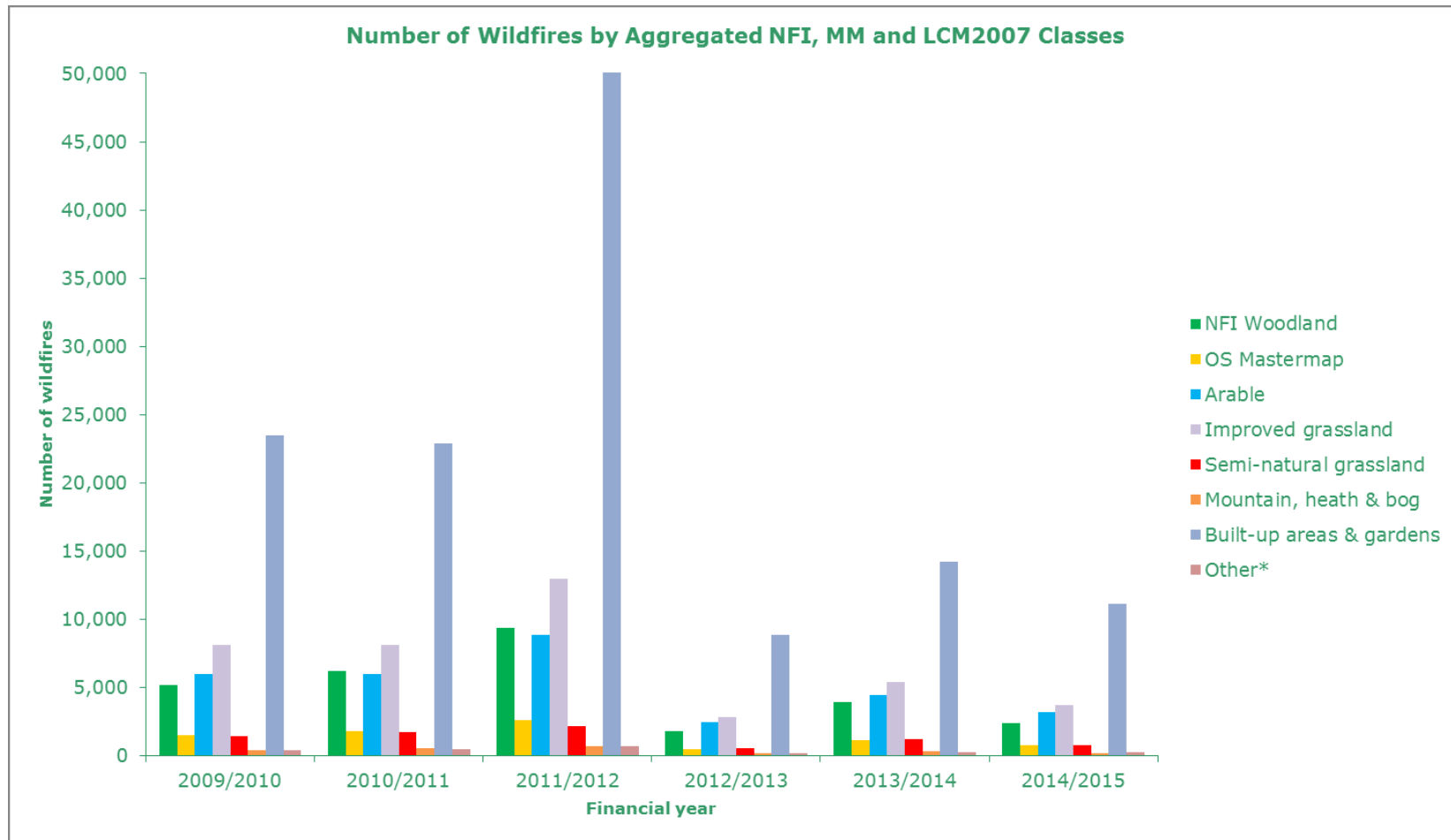
Advisor, Technical Guidance
Forest Services

- DCLG/Home Office, Scottish Govt and Welsh Assembly Govt provided Forestry Commission England with IRS data for 6 years for England and Great Britain.
- Forestry Commission Scotland and Natural Resource Wales gained agreement for Forestry Commission England to carry out GB analysis from devolved administrations.
- Analysis was undertaken by Forest Services GIS specialist with advice and support from DCLG/Home Office.
- Covers wildfires attended by Fire and Rescue Services during FY2009/10 to 2014/15

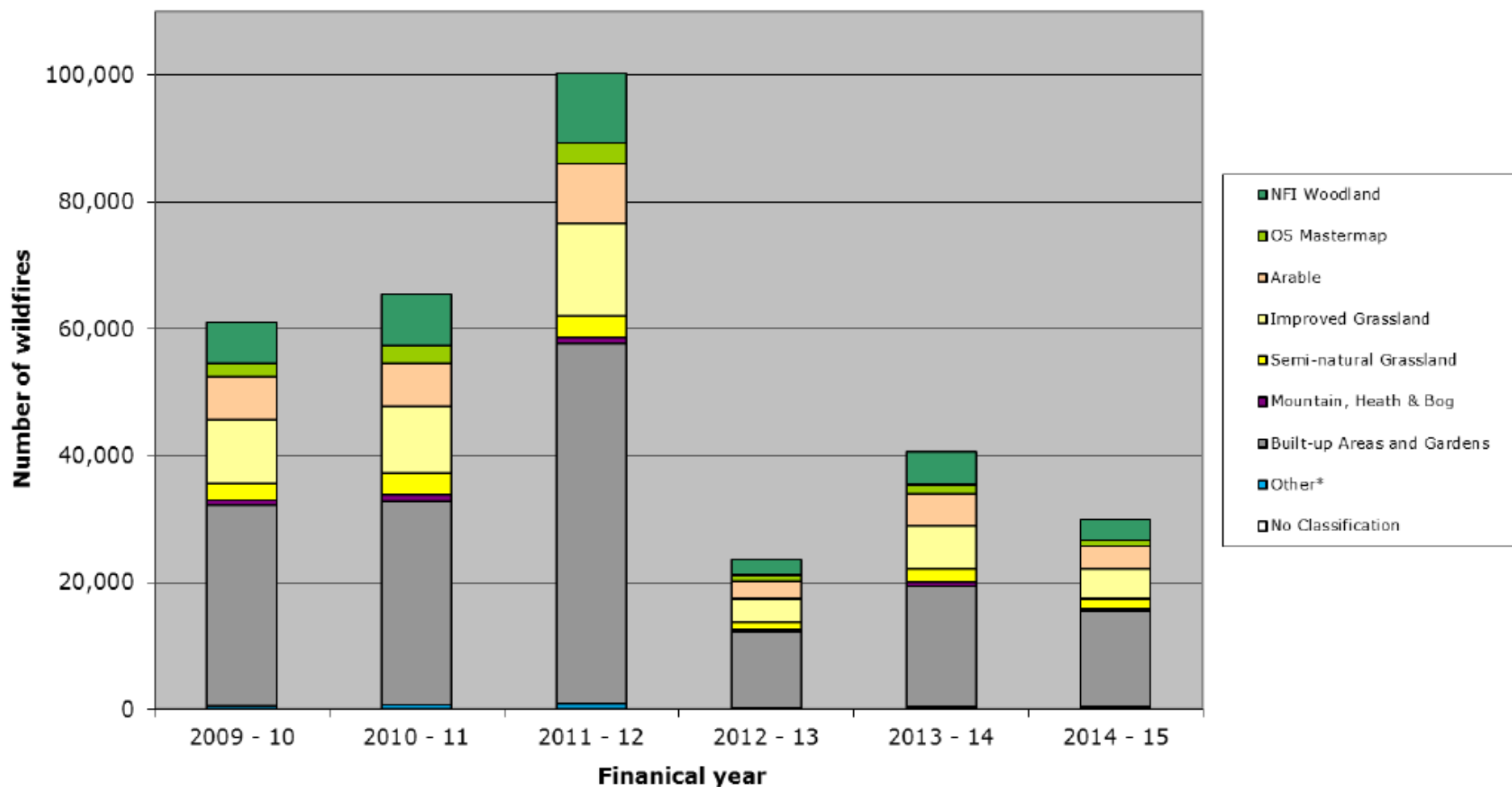
The Forestry Commission England defines wildfire as:

“Any uncontrolled vegetation fire which requires a decision, or action, regarding suppression.”

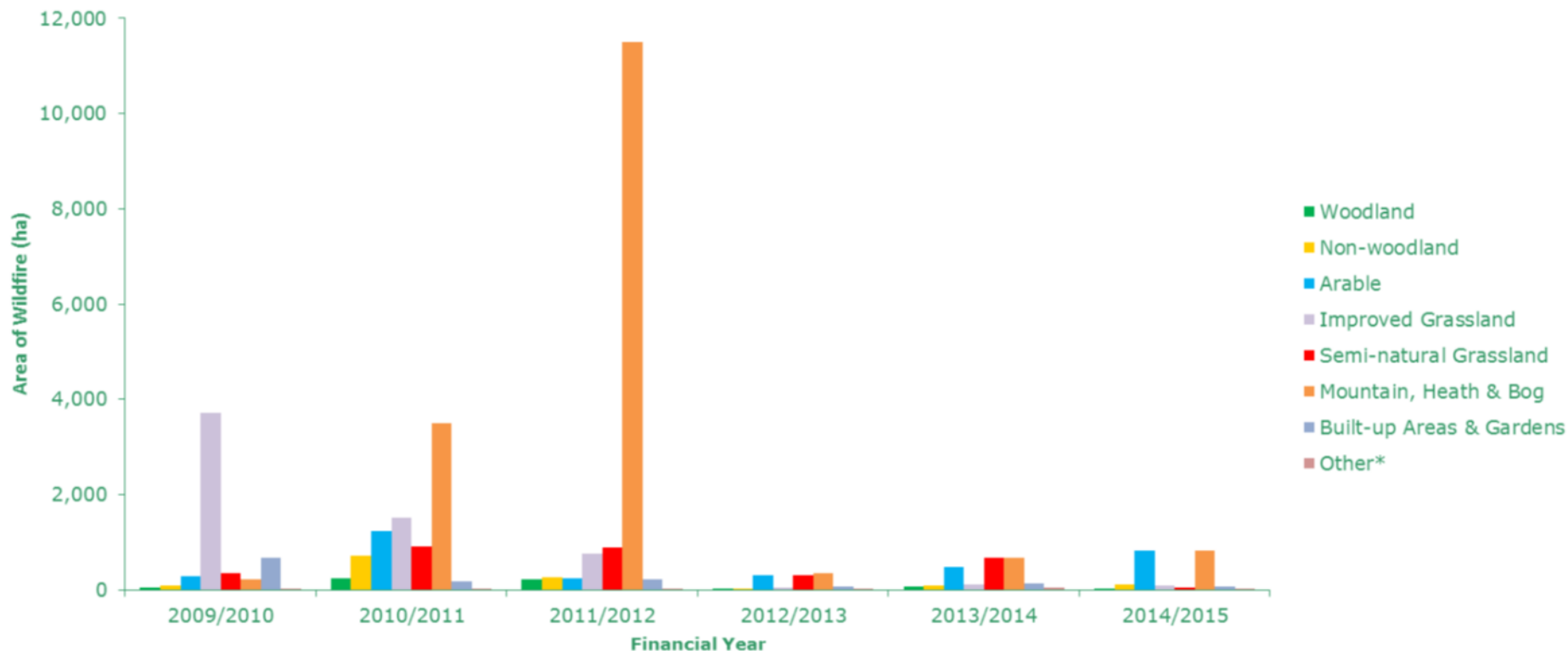
Definition taken from the Scotland Wildfire Operational Guidance:
<http://www.gov.scot/Publications/2013/10/6118>



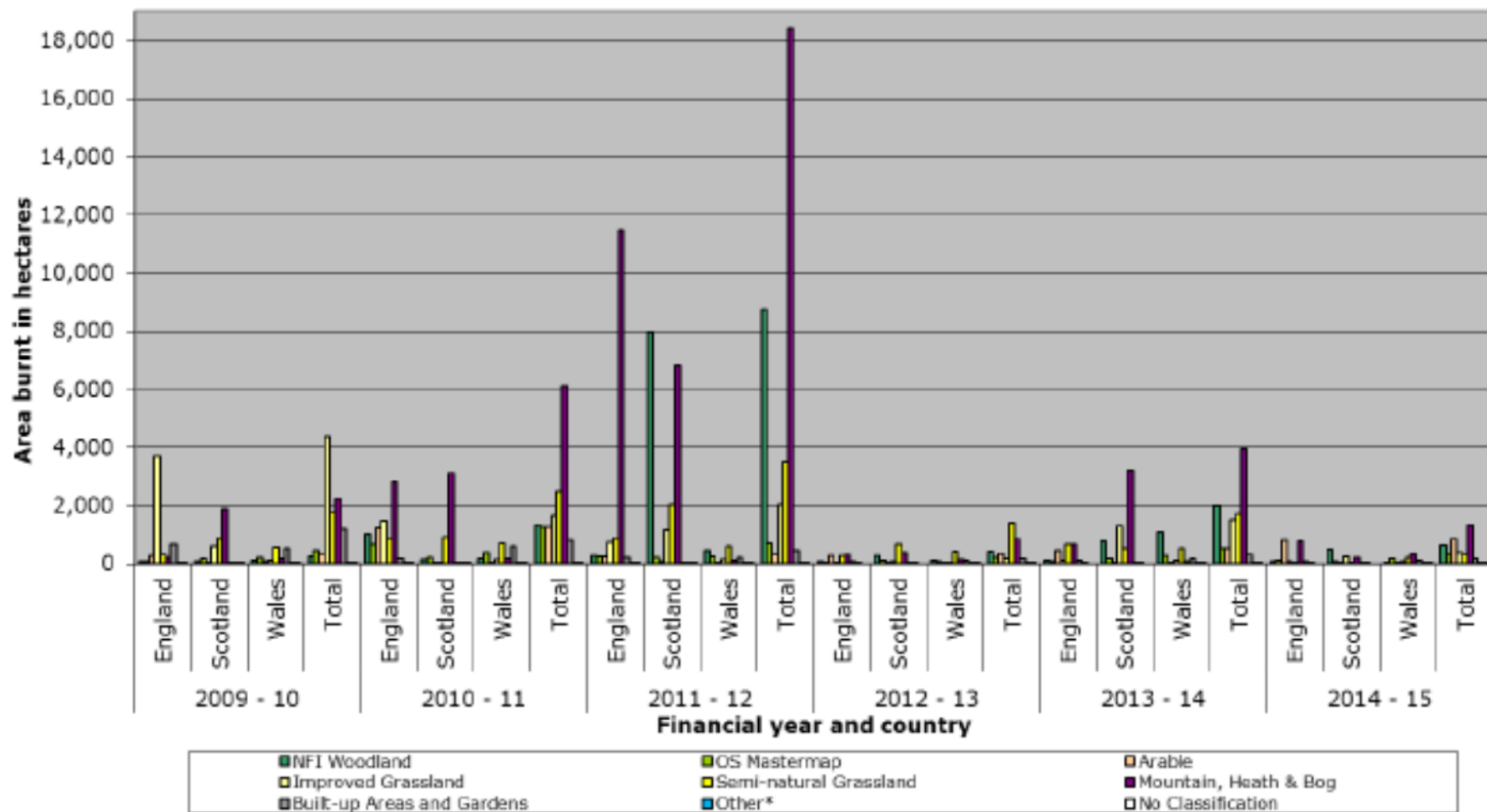
Number of Wildfire Incidents by Habitat Between Financial Years 2009/10 to 2014/15 in Great Britain Attended by Fire and Rescue Services

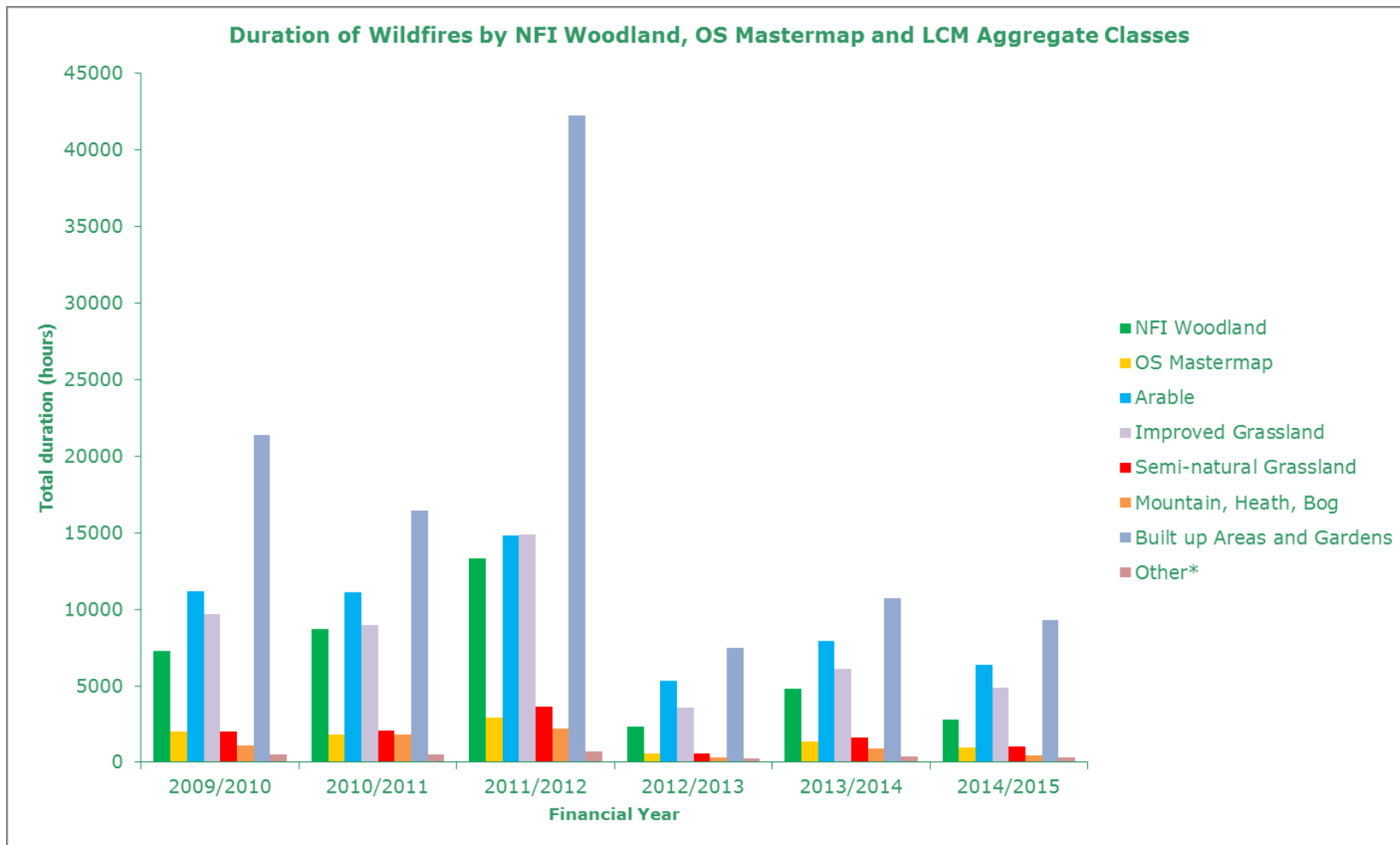


Area of Wildfire by MM and LCM2007 Aggregate Class

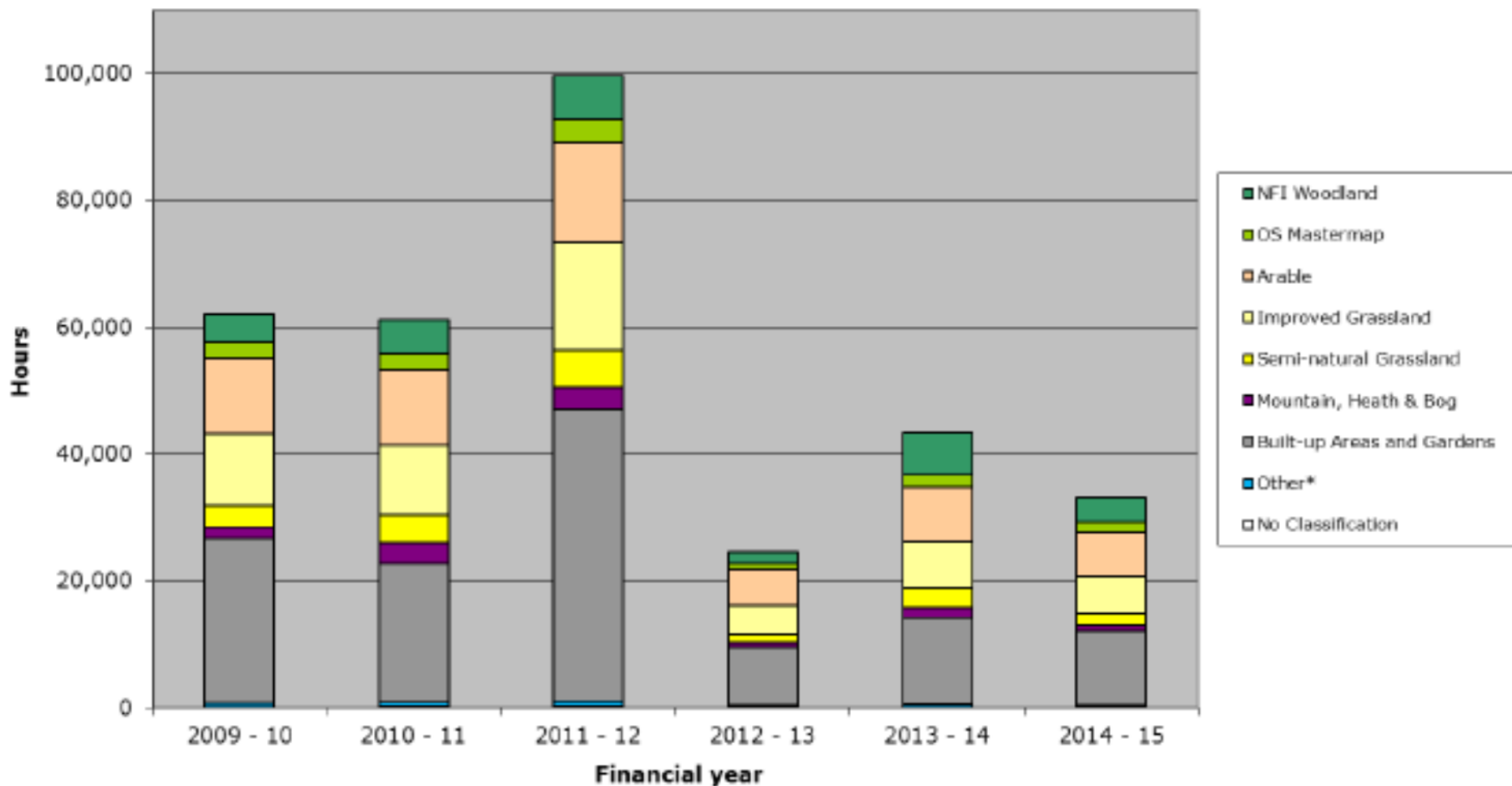


Area of Habitats Burnt Due to Wildfires in Great Britain Between Financial Year 2009/10 to 2014/15 Attended by Fire and Rescue Services

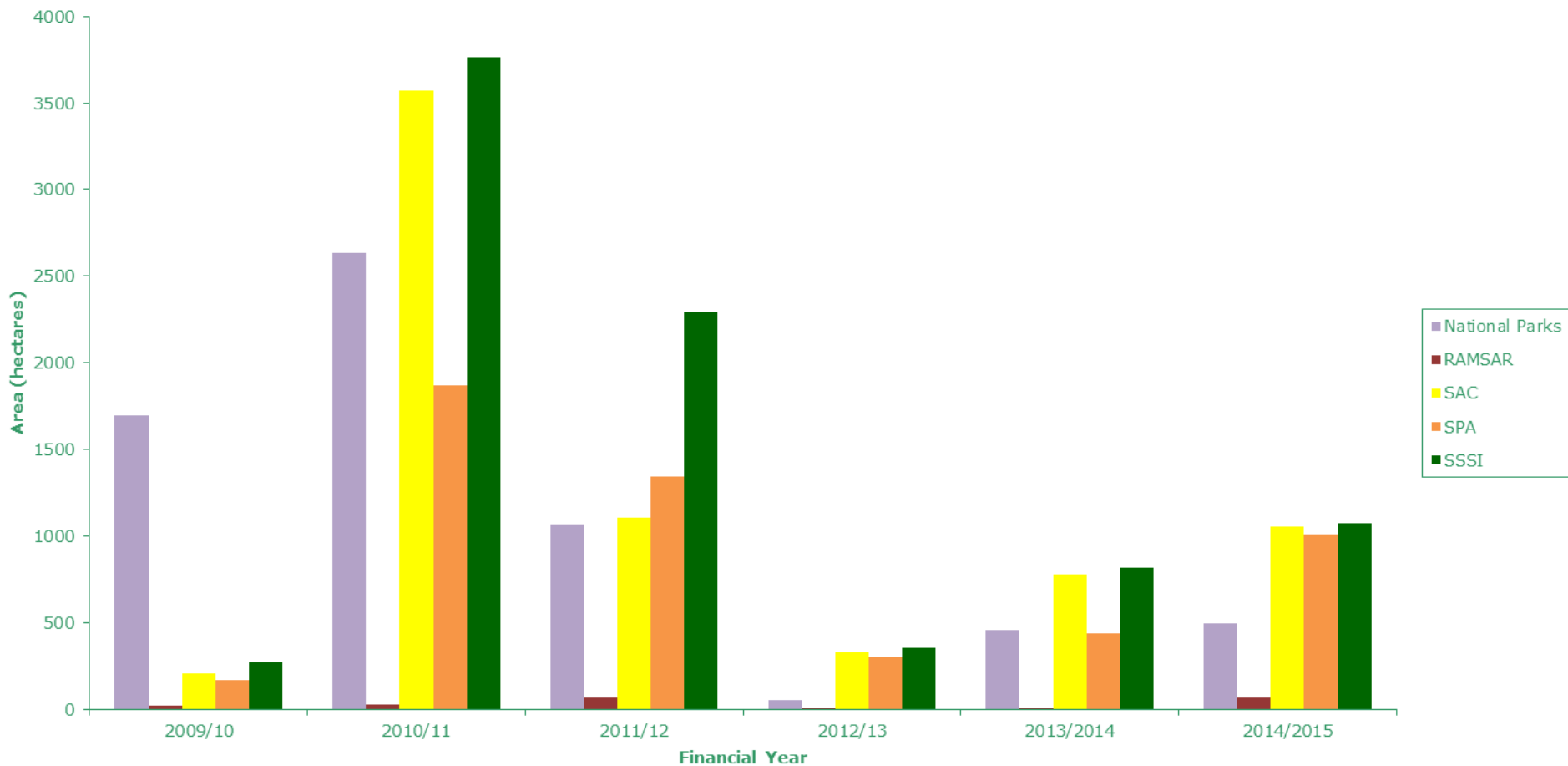




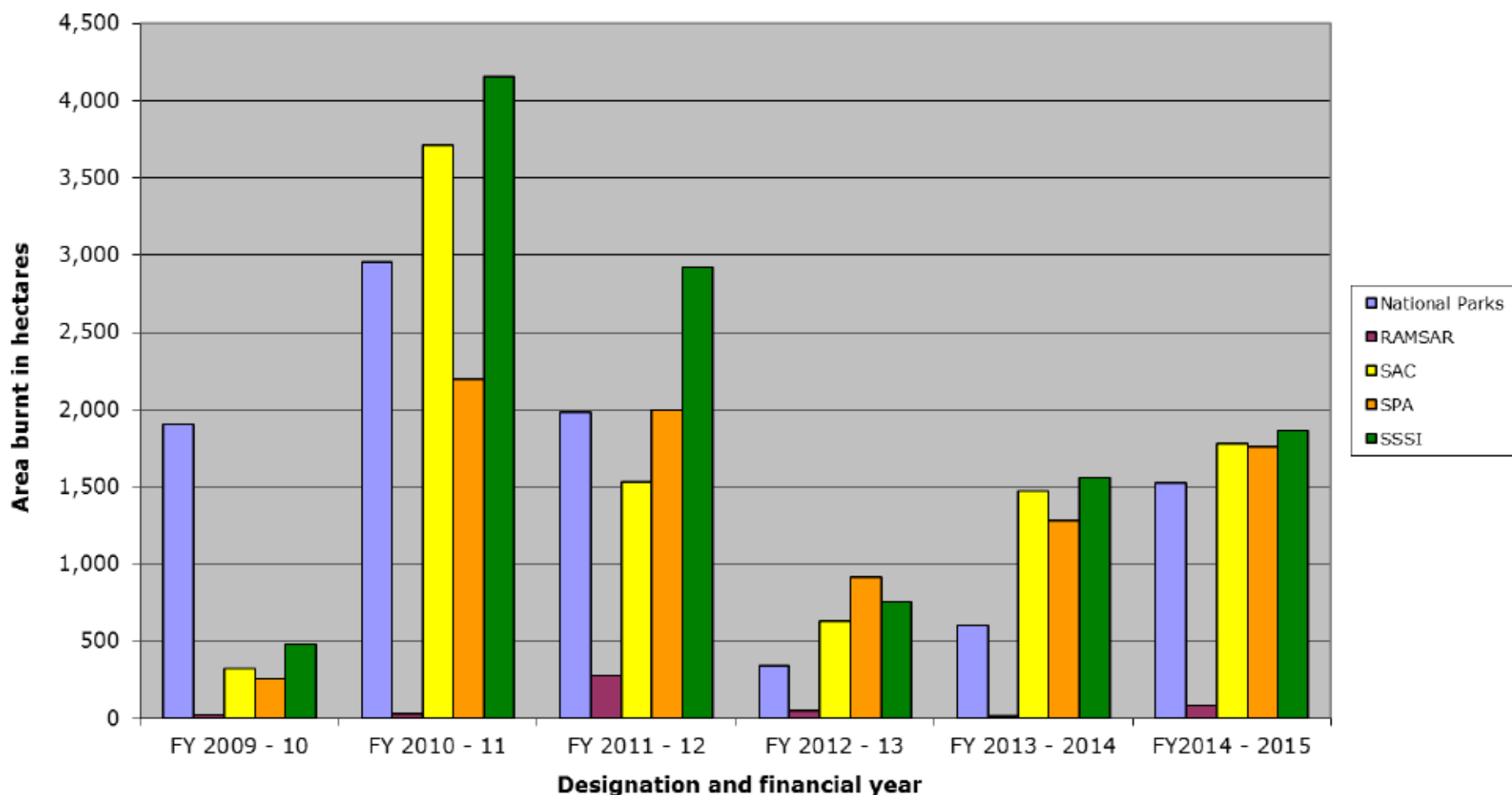
Duration of Wildfire Incidents by Habitat Between Financial Years 2009/10 to 2014/15 in Great Britain Attended by Fire and Rescue Services



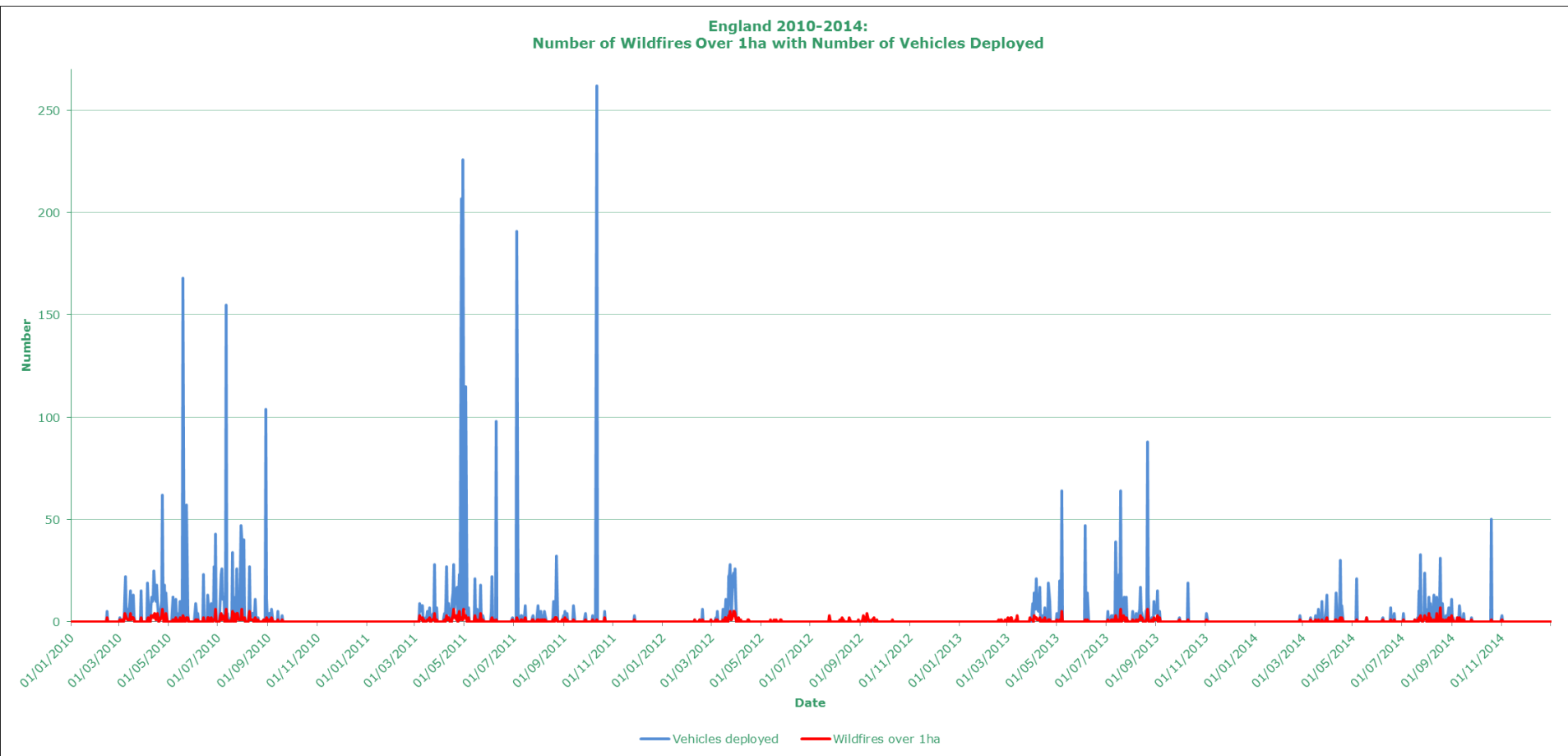
Area of International, EU or UK Designated Sites Burnt due to Wildfire in England, Financial Years 2009/10 to 2014/15



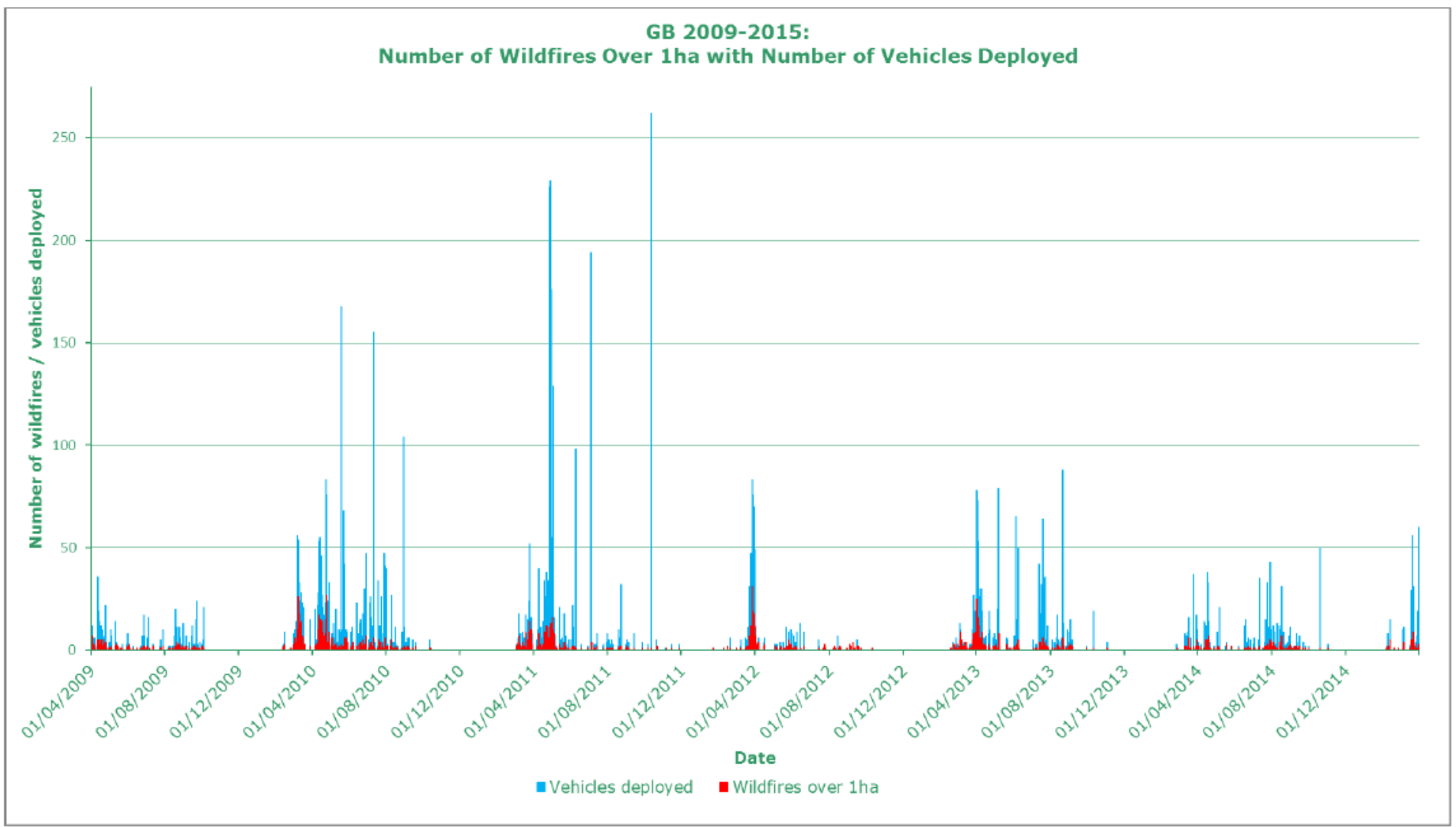
Area of EU and UK Designated Sites Burnt due to Wildfire in GB in Financial Years 2009/10 to 2014 /15 Attended by Fire and Rescue Service



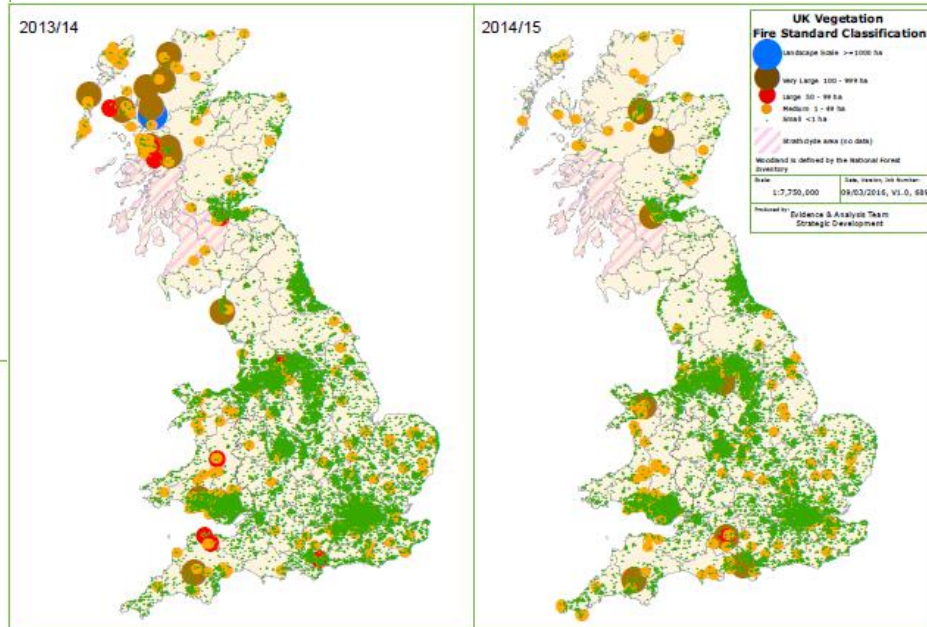
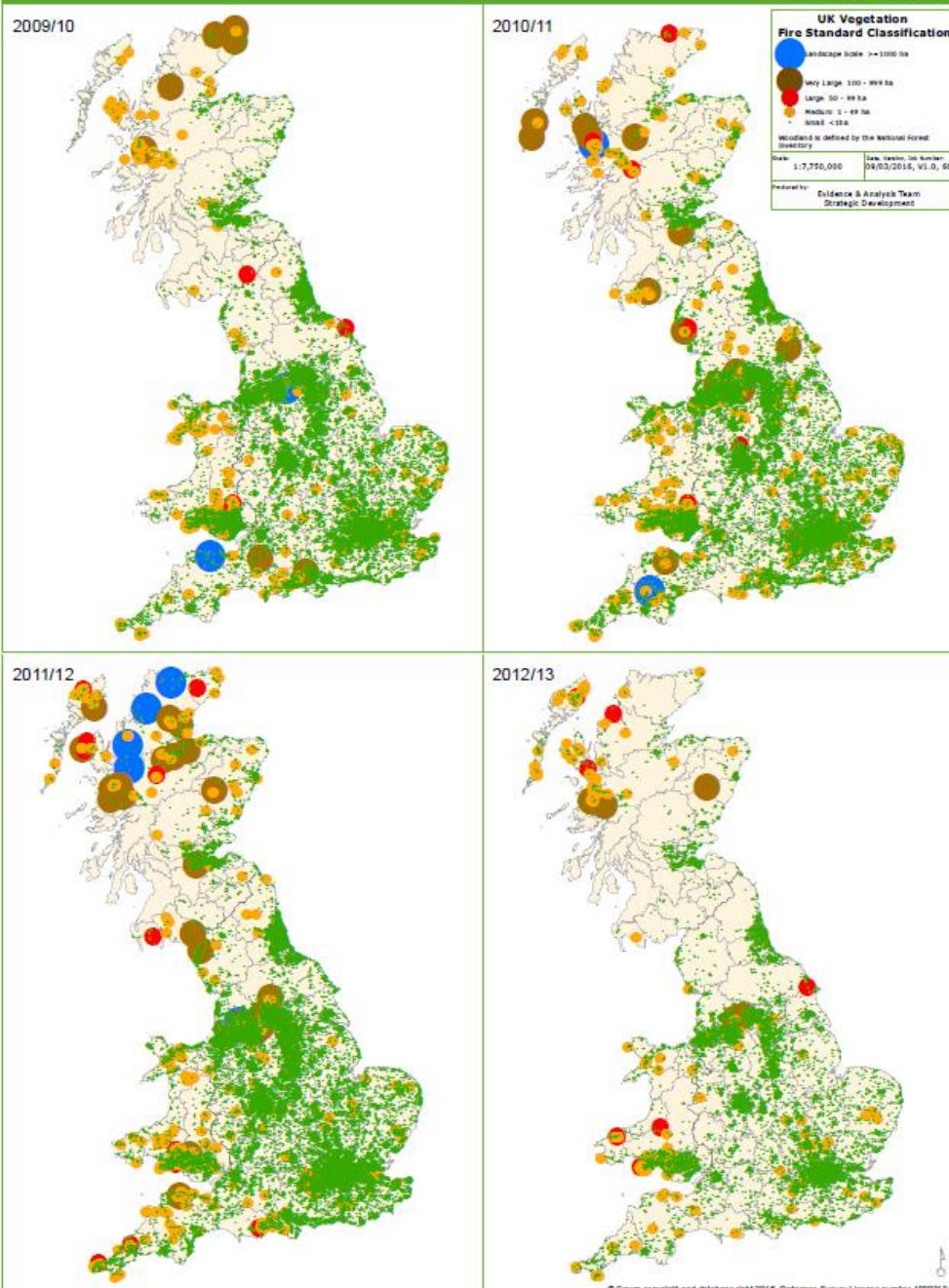
Number of Wildfires Over 1 Hectare by Date, with Number of Appliances Deployed in England



Number of Wildfires Over 1 Hectare by Date, with Number of Appliances Deployed



Spatial location and size of wildfires in GB



Great Britain

	Financial year					
	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015
Grand Total wildfire incidents	61,103	65,454	100,367	23,562	40,625	29,978
Grand Total area burnt (ha)	10,500	14,637	34,569	3,341	9,668	4,079
Grand Total duration (hours)	66,252	66,929	109,266	25,800	43,113	32,740

England

	Financial year					
	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015
Grand Total wildfire incidents	46,341	47,718	88,738	17,099	30,657	22,178
Grand Total area burnt (ha)	5,377.3	8,319.1	14,090.3	1,095.2	2,225.9	1,970.0
Grand Total duration (hours)	55,222.4	51,479.6	94,719.6	20,369.0	33,833.7	26,164.8

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- Paul Gault DCLG/Home Office
- Frank McCall and Rob Pole of Forest Services
- Mark Boardmeadow of Forest Services
- Forestry Commission Scotland
- Forestry Commission England
- Natural Resources Wales
- Scottish Government
- Welsh Assembly Government

Thank you

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