

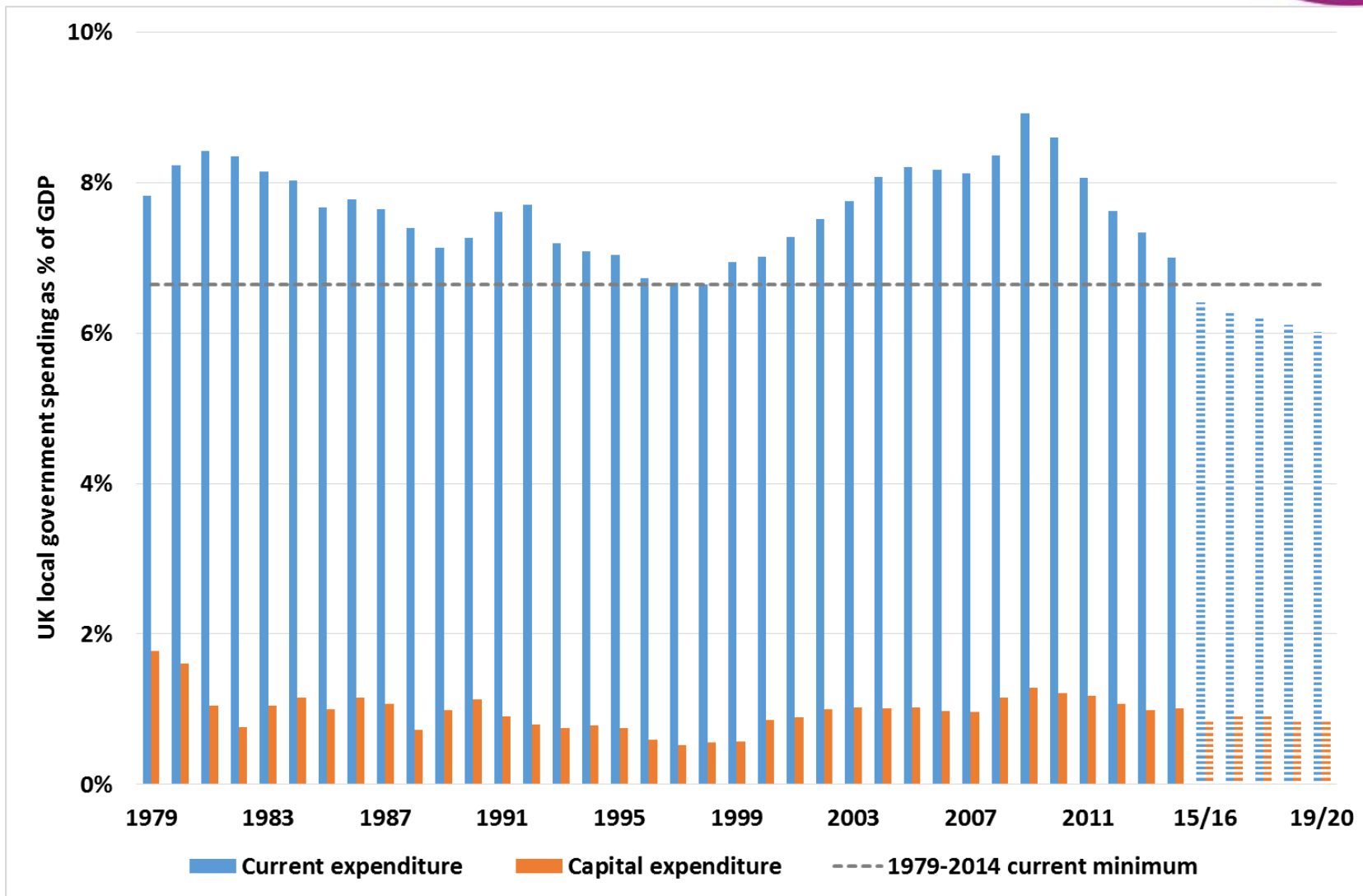
What does our performance data tell us about winter maintenance?



Friday 29 September 2017

Debbie Johns, Head of Performance Networks

UK local government spending as a share of GDP: current spending, already below the 1979-2014 minimum, is projected to go on falling to 2020

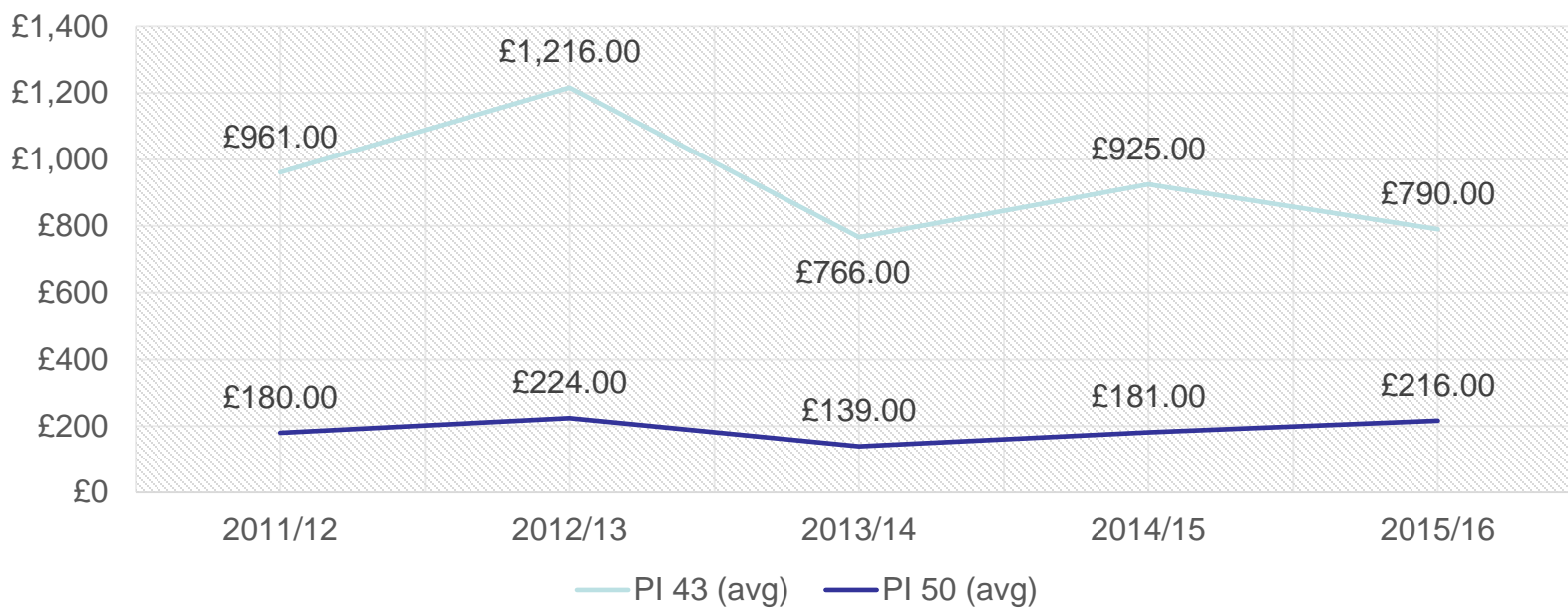




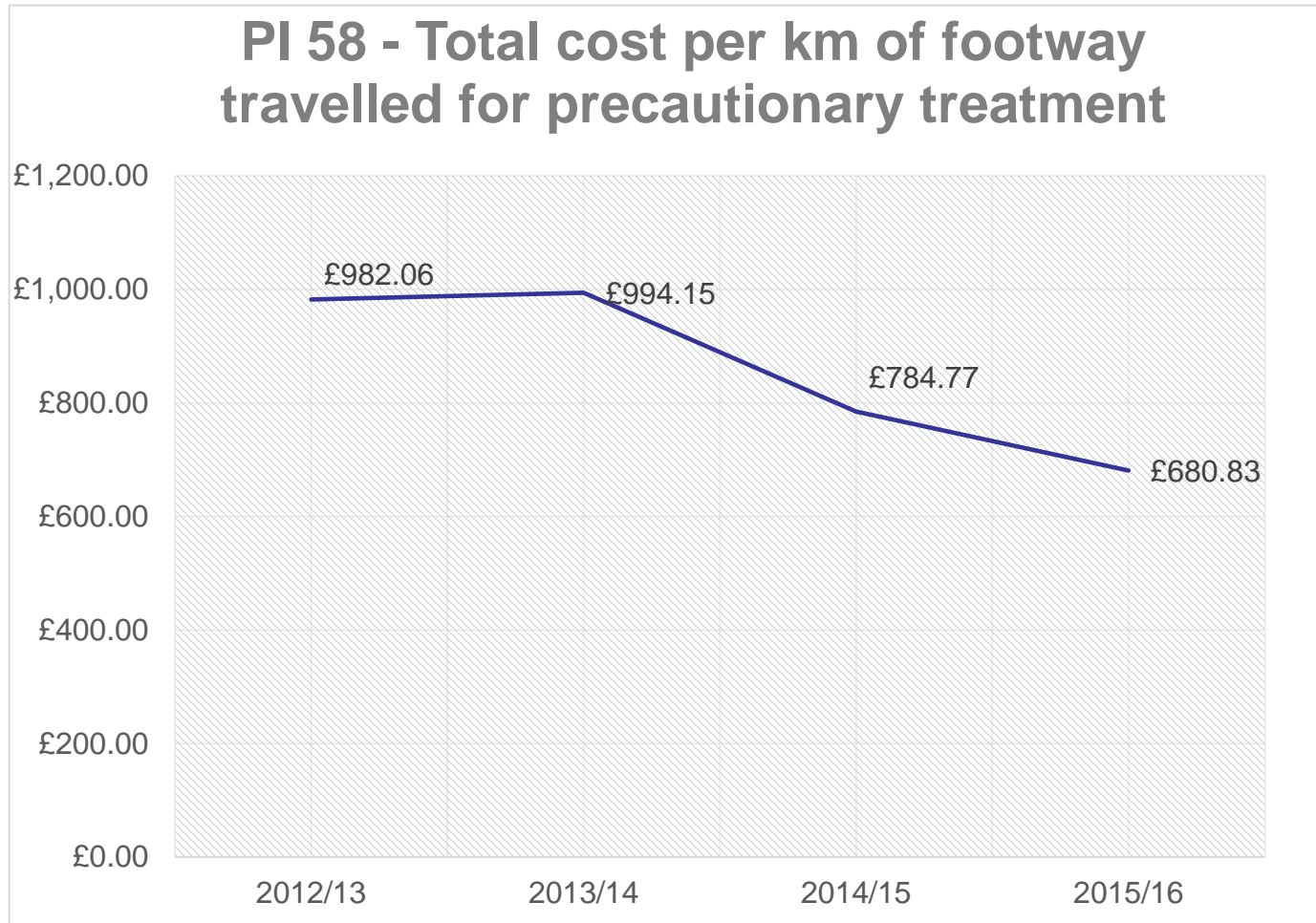
Typical costs – carriageways v footways



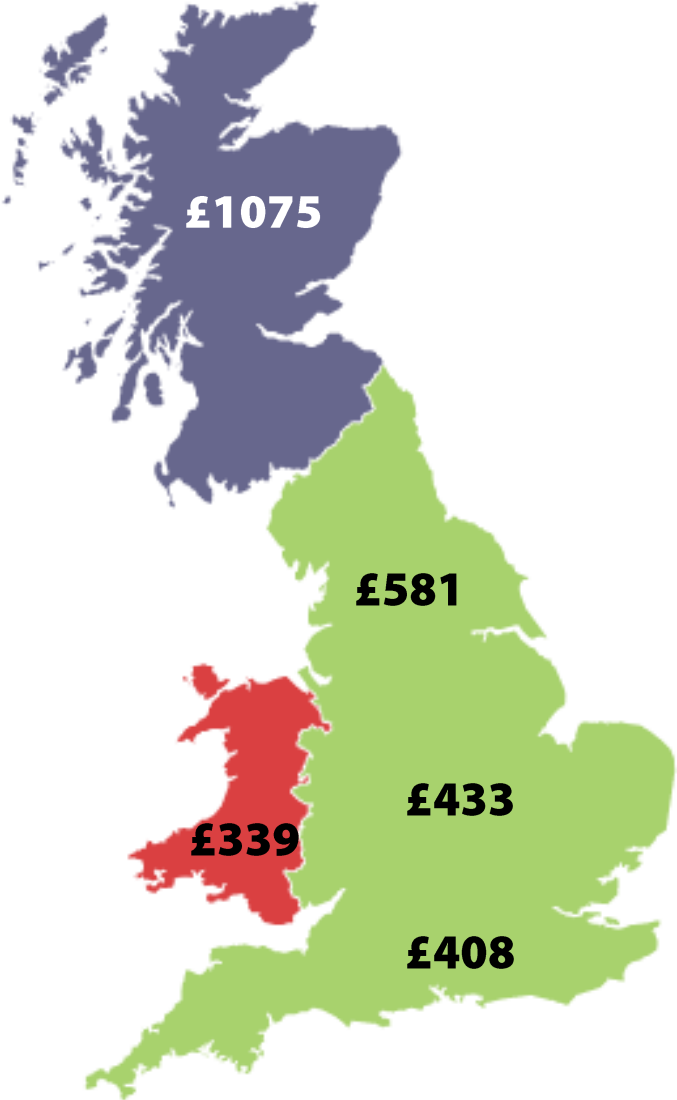
PI 43 - Cost of carriageway winter maintenance over winter period by km
PI 50 - Cost of footway winter maintenance over winter period by km



Cost of precautionary treatment



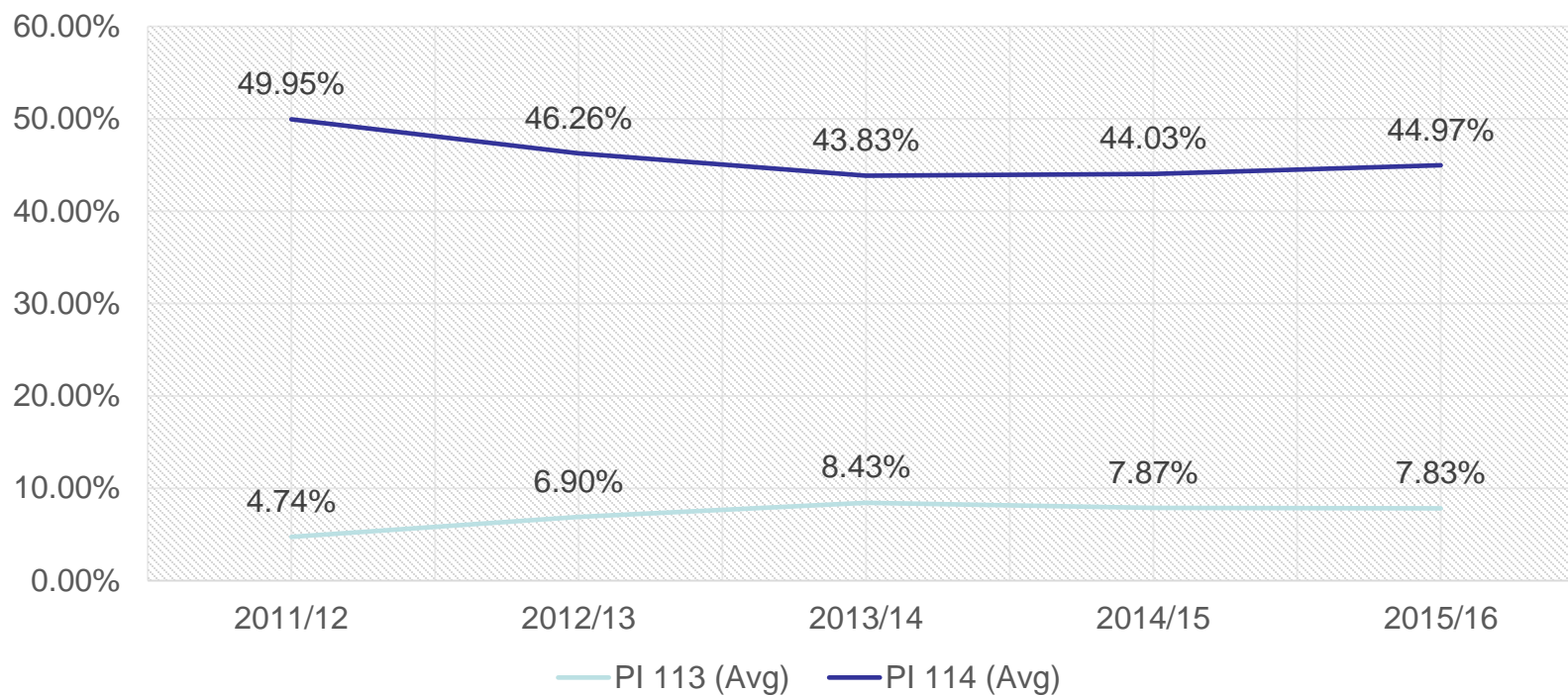
Average cost over the winter period (carriageways)



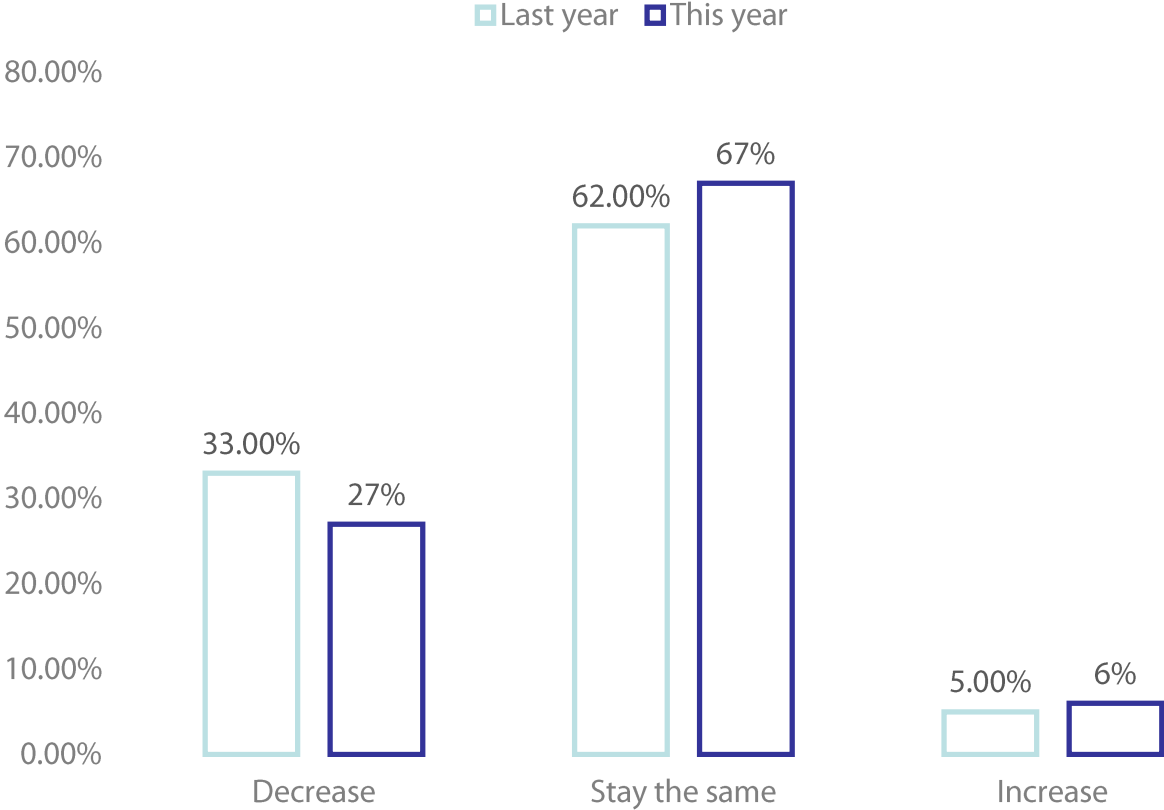
What is the evidence saying on coverage?



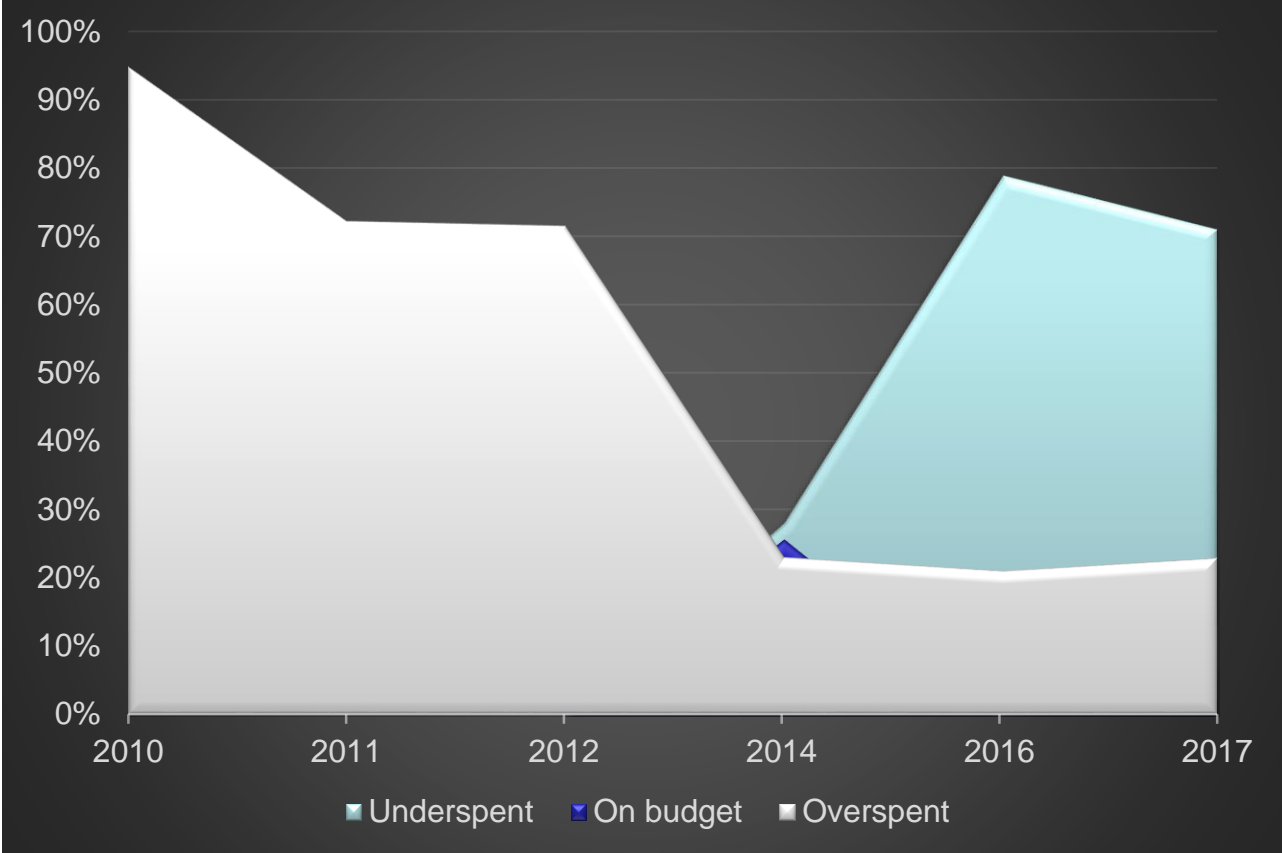
PI 113 - Percentage of footways subject to precautionary salting treatment
PI 114 - Percentage of maintained network subject to salting regime



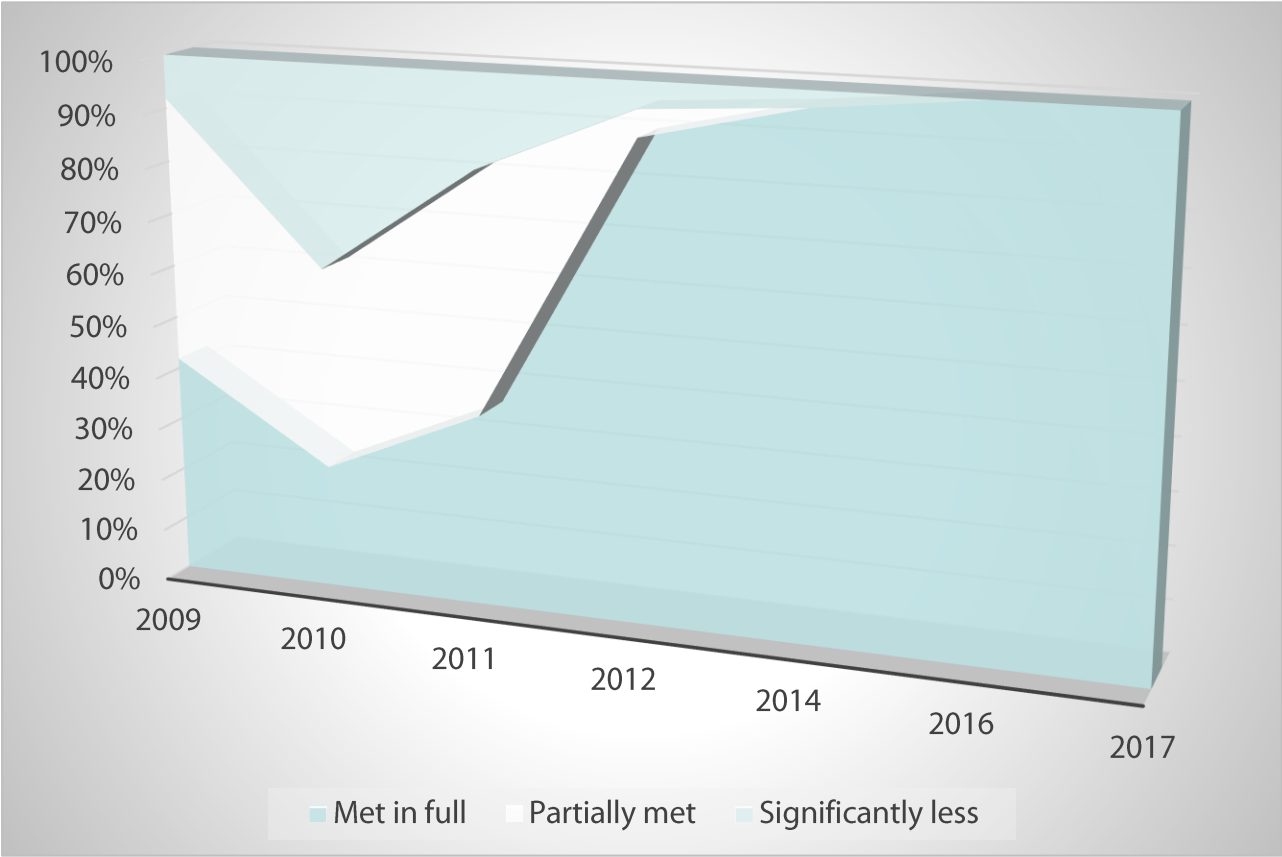
Winter maintenance budgets



Impact of weather on budget



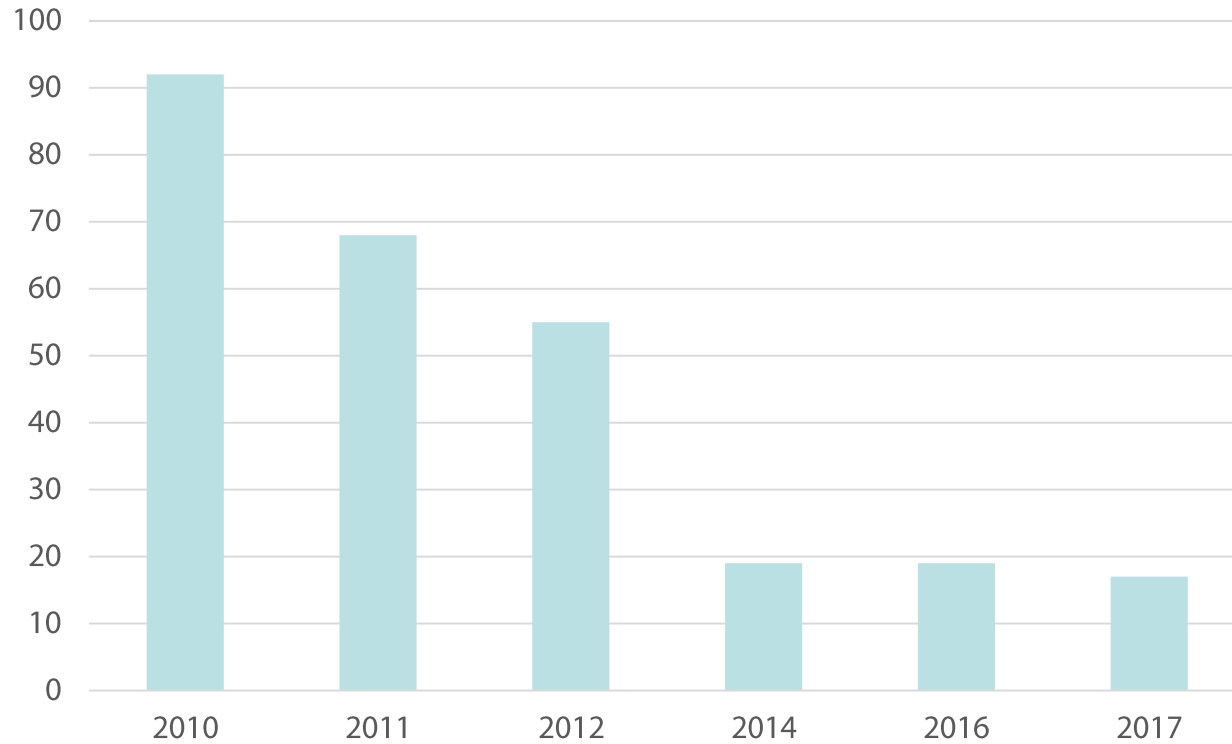
Salt provision by suppliers



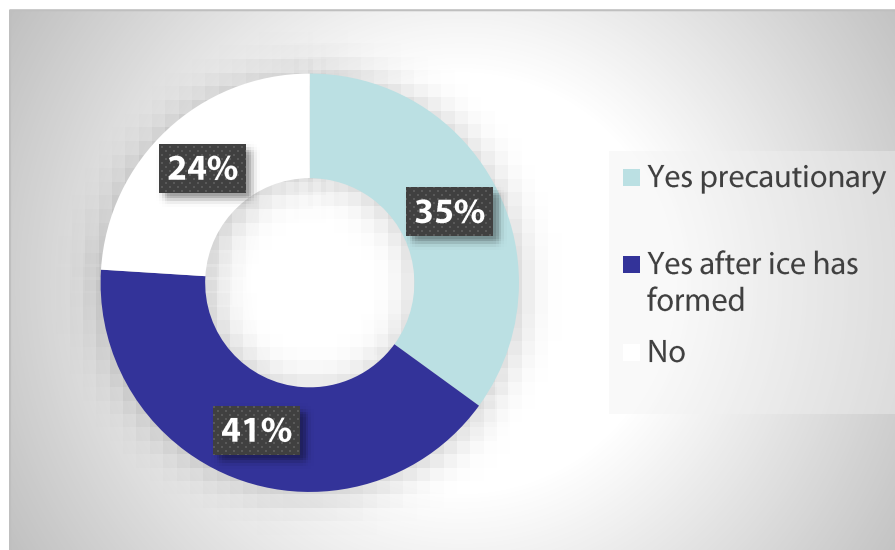
Impact of severe weather



Increase in legal claims

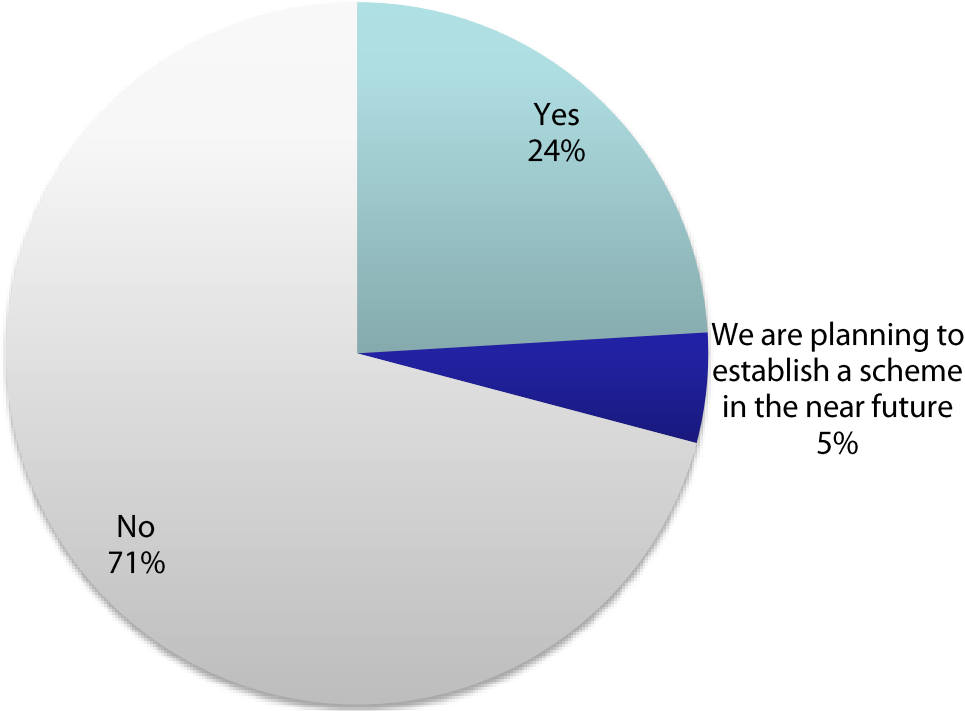


Salting footways



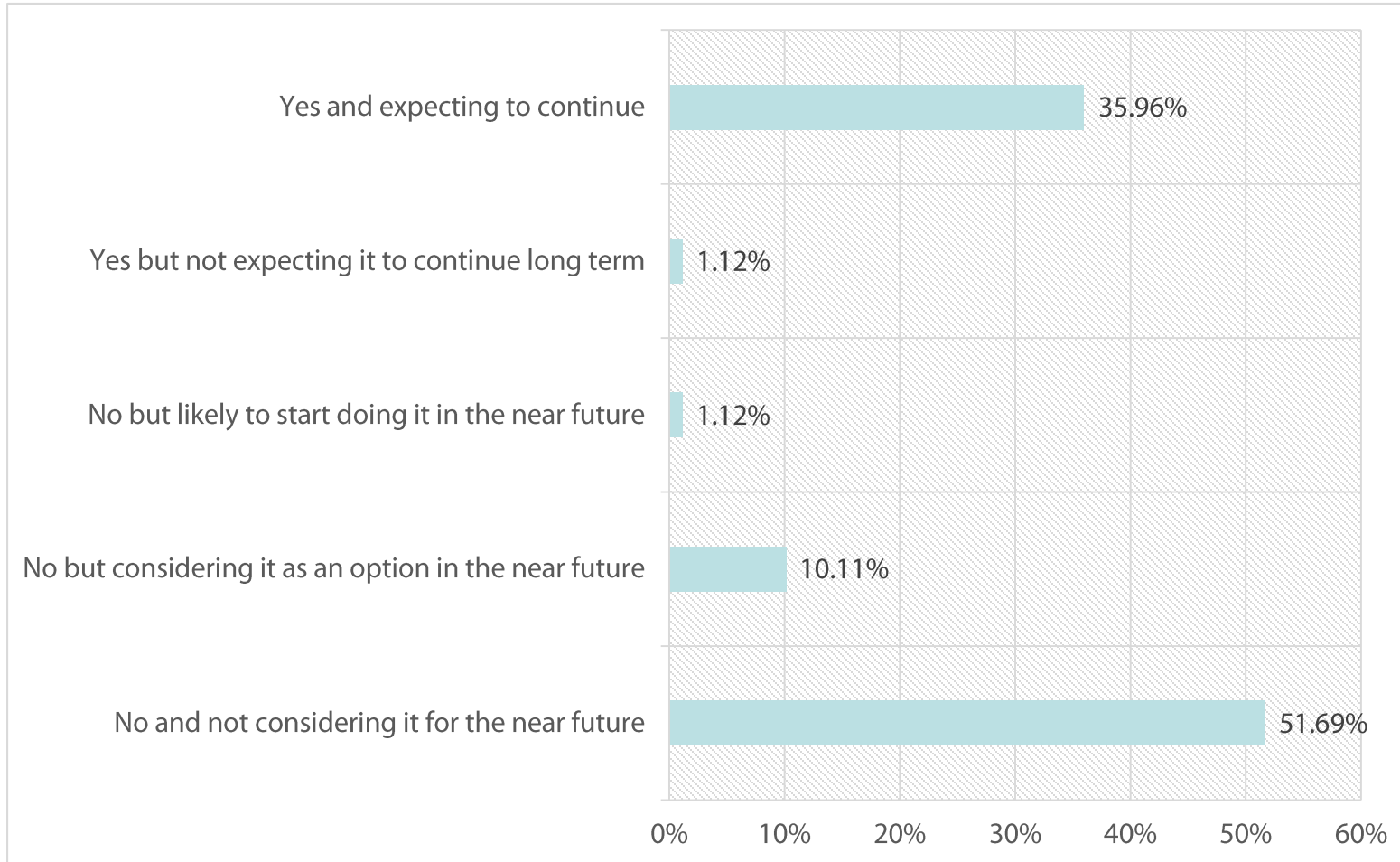
Facilities	Percentage
Town/city centre streets	83%
Shopping centres	70%
Police stations, medical centres and hospitals	42%
Council premises	37%

Snow wardens?



■ Yes ■ We are planning to establish a scheme in the near future ■ No

Income generation



Improving resilience




- Increased salt stock
- Optimising routes
 - Thermal mapping
 - Vehicle changes
- Service reviews

Avoiding salt shortages




- Better planning stock management and co-ordination when bad weather is predicated
- Reducing secondary network usage as soon as possible
- Increased storage capacity
- Build dry facilities
- Work together with other local authorities

Expectations next 12 months

A large, upward-pointing arrow with a vertical gradient from light pink at the top to dark purple at the bottom. It contains a list of expectations for the next 12 months.

Private gritting/salt services
Route optimisation
Thermal mapping
Automated salting
Collaboration

A large, downward-pointing arrow with a vertical gradient from light pink at the top to dark purple at the bottom. It contains a list of expectations for the next 12 months.

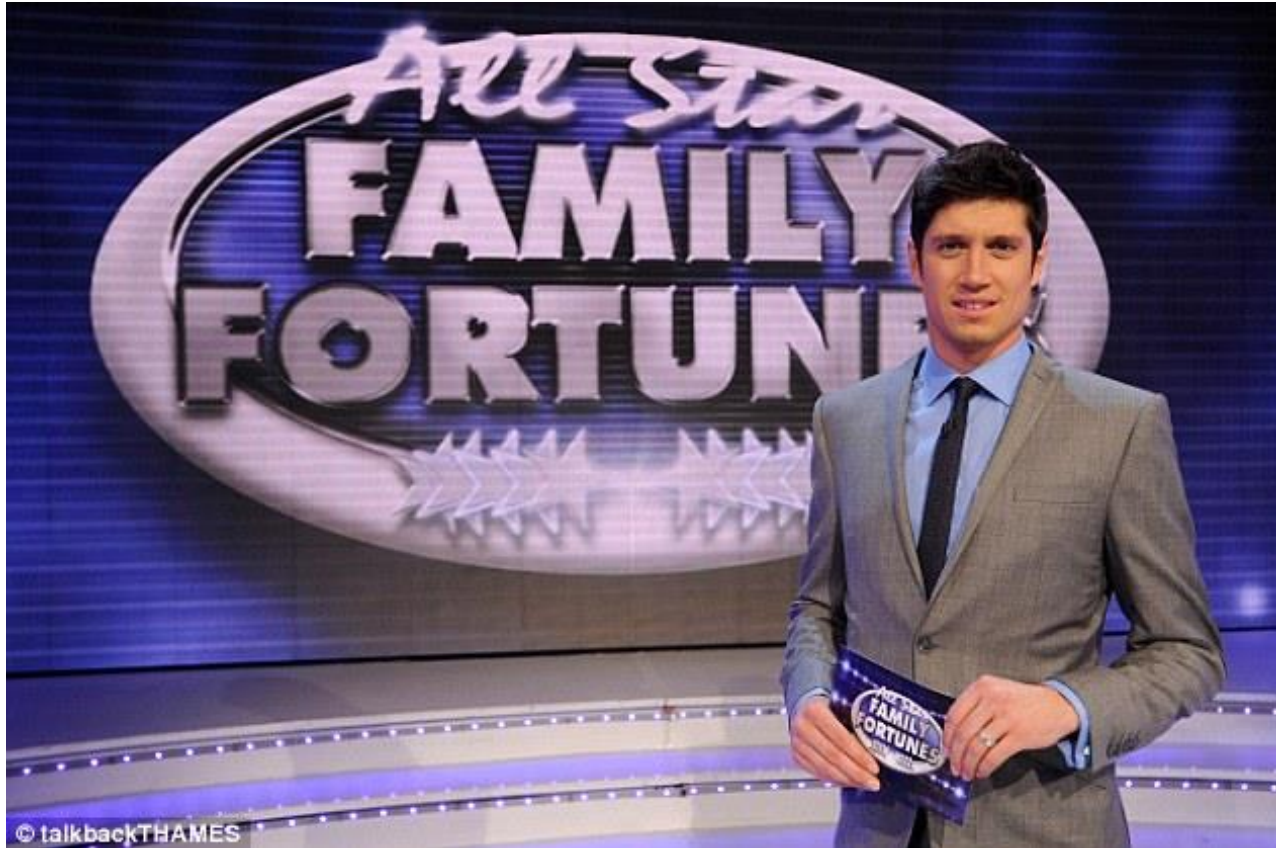
Routes to be gritted
Bin provision
Snow ploughing
Early morning operations

Case studies



- Blackburn with Darwen – retrofit of 17,500 street lights with LED lanterns, saving £8 million in energy savings over next 20 years and 50,000 tonnes of carbon
- Bournemouth Borough Council - whole asset management approach focusing on a preventative maintenance strategy
- City and County of Swansea – easy to use reporting mechanism that would guarantee repairing pot holes within 48 hours.
- Kingstown Works Ltd – dramatically improved the street lighting function with high levels of performance
- North Ayrshire Council – roads service has achieved efficiency savings through innovative work practices and cross service working.

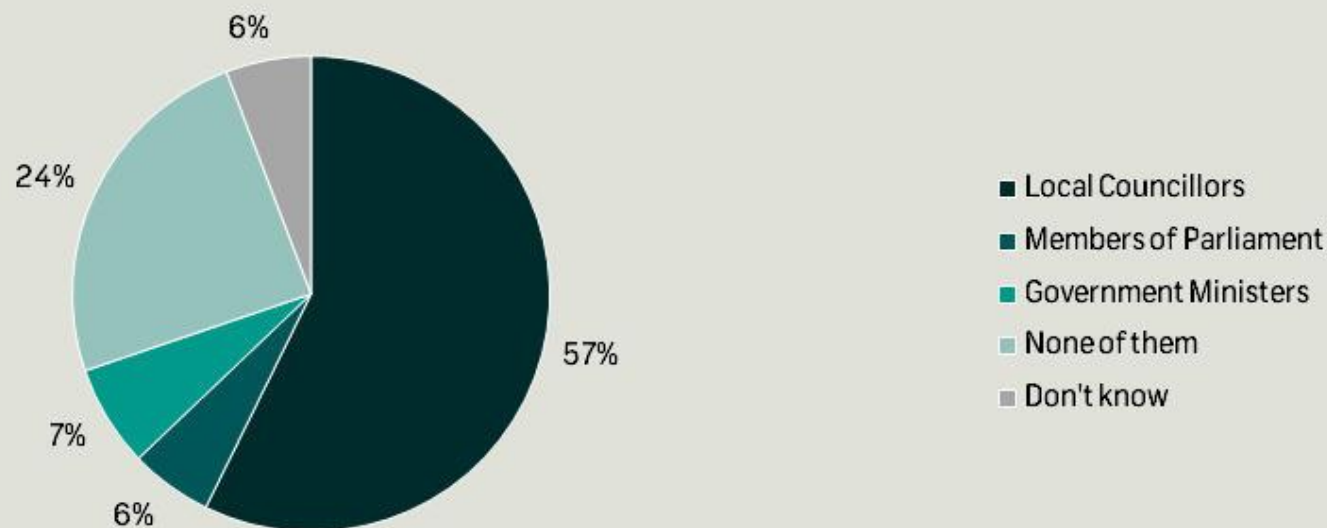
Do the public trust us to deliver?



Trust in decision making?



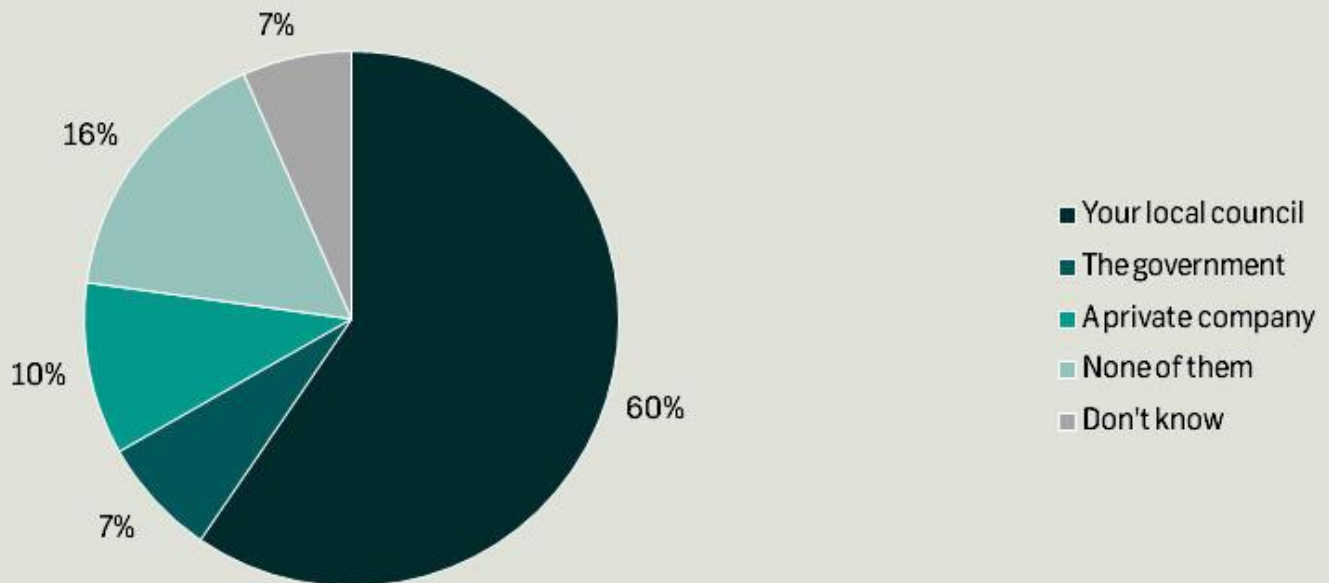
Who do you trust the most to make decisions about how services are provided in your local area?



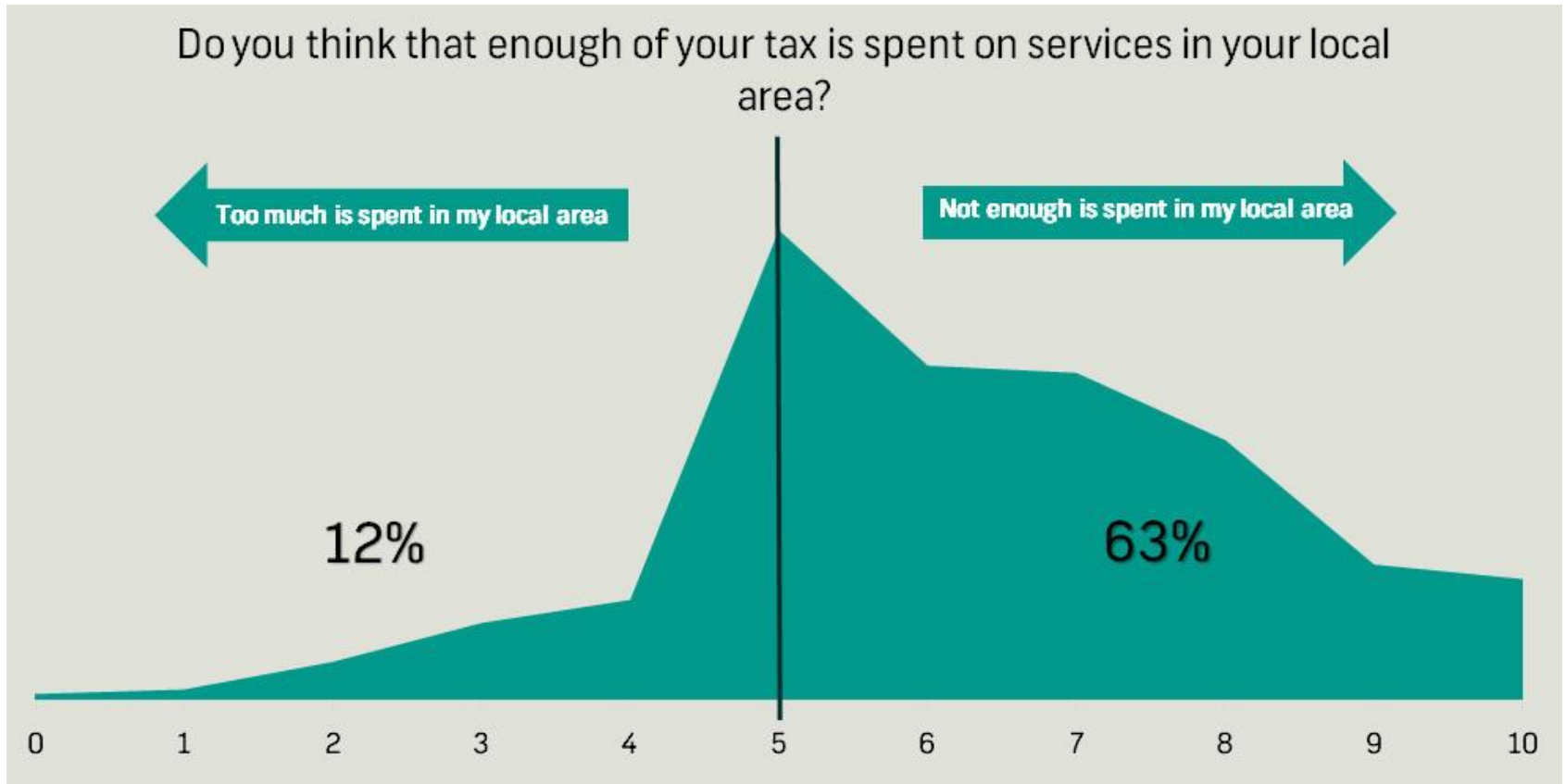
Trust in service delivery?



Who do you trust most to deliver services to your local area?



Is enough of your tax spent?



Satisfaction levels

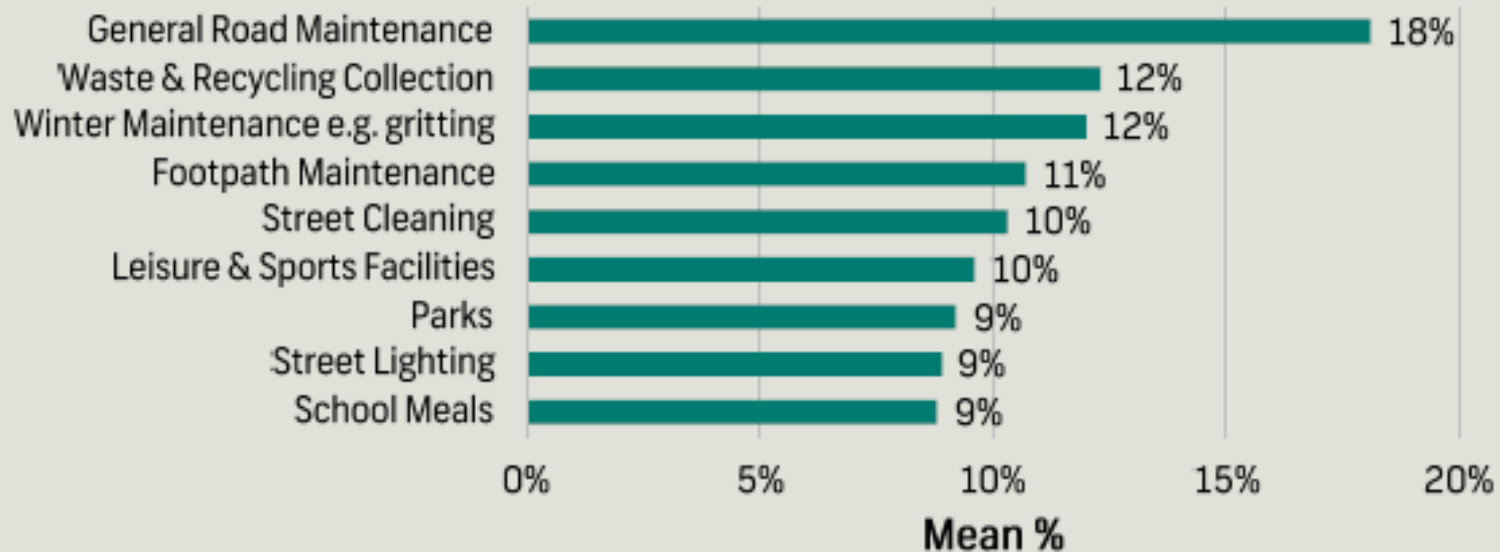


Priorities



Public rate road maintenance the highest priority for new government spending

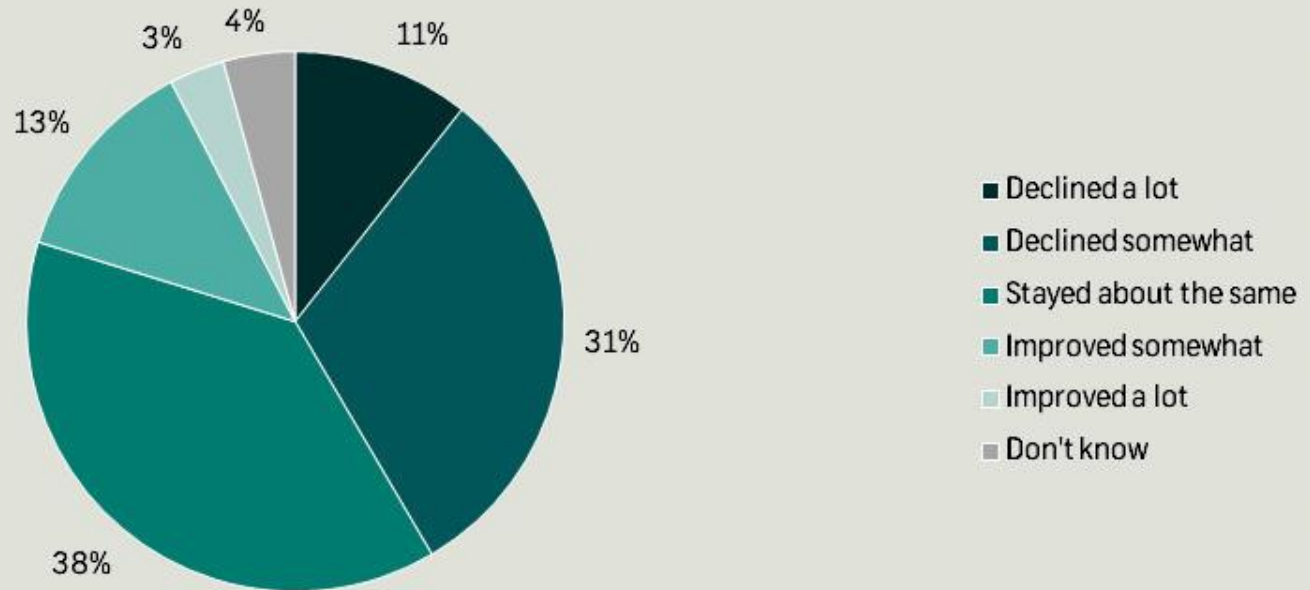
What percentage of the extra money would be spent on each of the 9 services below?



Have services declined?



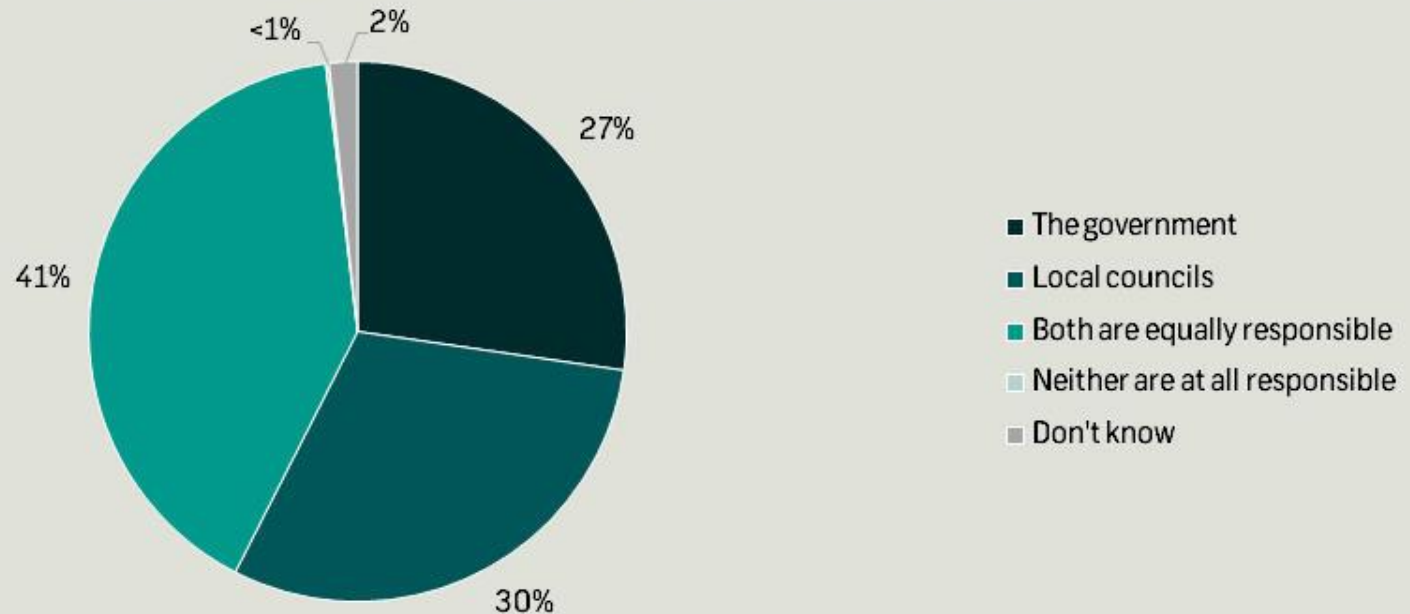
Do you think that local services have declined or improved in your local area in recent years?





Who is to blame for a decline in services?

Who do you think is the most responsible for the declining services in your local area?



Our survey said



- Roads maintenance and winter maintenance given comparatively lower satisfaction ratings but are rated high for new government spending, obviously seen as a priority
- The public have seen a decline in local services but..
- Don't fully relate that easily to central government cuts *'Its the council'*
- Public are starting to see the impact of austerity
- APSE will continue to provide intelligence on front line services

Key conclusions



- Increased coverage of footway salting – cost of precautionary treatment is reducing
- Can plan for typical costs– need data and trends to plan and monitor
- Learn from past – 2010 budgets, supplies and impacts
- The public see roads/footpath maintenance and winter maintenance as a priority
- Improving resilience/planning
- Efficiencies e.g. route optimisation
- Income generation
- Innovation e.g. technological advances
- Using intelligence to inform budgets and to manage change



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