

Deer Management in Scotland 2013/14

This survey has been designed for the Association of Deer Management Groups and Lowland Deer Network Scotland to allow estimates to be made of the economic benefits of deer management in Scotland, the environmental impacts, the expenditure in local and national supply chains, and the number of jobs supported.

This is a separate questionnaire to one you may have been asked to complete, titled 'Contribution of Shooting Sports to the UK'. The responses from this questionnaire cover both the sporting and non-sporting aspects of deer management.

The time period 2013/14 referred to in the questionnaire denotes 1st April 2013 to 31st March 2014.

The questions refer throughout to "the landholding" for brevity. You may be responsible for stalking or deer control over a group of landholdings which may or may not be contiguous – as far as possible, please treat these as a unit for the purposes of the questionnaire, and please ensure that you refer to the same landholding or group of landholdings throughout. To avoid duplication, please speak to the other key people involved in deer management (landowner, manager, stalker(s)) on the landholding either before or while you fill in this questionnaire.

Deer Management – Your Involvement

The contact details given in this section will be used by PACEC to check consistency of information and check for duplication. All information will be confidential and only summary aggregate statistics will be published. If you are a vocational stalker, you may leave Q1 blank, and use your own address in Q2 if appropriate.

- Q1 What is the name of the estate, landholding, or group of landholdings on which deer management takes place? _____
 What is the name of the organisation which undertakes or requires deer management, if different from the above? _____
- Q2 Please give your name _____
 What is your organisation/site address? _____

- What is your telephone number? _____
- What is your email address? _____

Q3 Are you a member of either the Association of Deer Management Groups or the Lowland Deer Network Scotland, or are you a member of a group which is itself a member of or affiliated with either of these groups? *(Please tick as many as apply)*

- | | |
|---------------------------------------|--|
| Association of Deer Management Groups | |
| Lowland Deer Network Scotland | |
| Neither of the above (go to Q4) | |

(If a member of ADMG or LDNS): What is the name of your deer management group?

Q4 Who is responsible for deer management on the landholding? *(Please tick as many as apply)*

- The Landowner
- The Factor/Manager
- A professional stalker employed on the landholding
- A team of professional stalkers employed on the landholding
- A vocational stalker/s on the landholding
- Deer management is subcontracted to a stalking/pest control service
- Deer management is carried out by an external stalker/stalkers under an informal arrangement
- The Sporting Tenant
- The Tenant Farmer/Crofter/Forester
- Other – please specify
-
- No deer management takes place on the landholding **(Please return this questionnaire to PACEC)**

Q5 What is the area of land over which you manage deer? *(Please fill in either the "acres" or "hectares" box)*

Acres or Hectares

Q6 For what purpose(s) is deer managed on the landholding? *(Please place two ticks by the primary purpose and a tick by any other purposes that apply, considering all species)*

- To protect agricultural crops
- To protect horticultural crops/gardens
- To protect woodland/the natural environment
- To prevent encroachment on an urban environment
- To ensure that the deer population does not reach a level beyond the carrying capacity of their habitat (i.e. for the benefit of the deer and the benefit of the land)
- To reduce the risk of traffic-related accidents
- To sell venison/other associated products
- To provide shooting sports opportunities
- Other – please specify
-

Q7 Is there a formal written deer management plan for the deer range or deer management group that your landholding is part of?

Yes No

Do you have a formal written deer management plan for your landholding?

Yes No

Q8 Is habitat monitoring or assessment of the habitat undertaken on your deer range / management group, and does it conform with Scottish Natural Heritage best practice guidance?

Yes – and it reflects SNH guidance Yes – but not to SNH best practice No

Do you undertake habitat monitoring or assessment of the habitat on your landholding?

Yes – and it reflects SNH guidance Yes – but not to SNH best practice No

Q9 Are the deer in the deer range or deer management group that the landholding is part of counted, or otherwise subject to annual population assessments?

Yes No

Do you count the deer on the landholding or otherwise make annual population assessments?

Yes No

Q10 What is the density of deer, by species, which live on the landholding, and how has that changed over the last ten years?

Density - please estimate, filling in either the "acres", "hectares", or "100 hectares" box. Please do not leave any boxes blank – enter a zero if there are no deer of a particular species on your landholding. (Please note that 100 hectares are equal to 1 square kilometre.)

	Per acre	or	Per hectare	or	Per 100 hectares (sq km)
Red	<input type="text"/>		<input type="text"/>		<input type="text"/>
Roe	<input type="text"/>		<input type="text"/>		<input type="text"/>
Sika	<input type="text"/>		<input type="text"/>		<input type="text"/>
Fallow	<input type="text"/>		<input type="text"/>		<input type="text"/>

Change in number/density over the last ten years – please tick once per row to indicate the direction of change for each species, and write in a percentage figure – estimating if necessary. You do not need to use negative numbers - if the density has fallen, please indicate this by ticking the box marked "less".

	Less	Same	More	% change
Red	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value=""/>
Roe	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value=""/>
Sika	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value=""/>
Fallow	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value=""/>

Q11 What method(s) is/are used to manage deer on the landholding? (Please tick as many as apply)

Deer are shot

Fencing

Supplementary Feeding

Other – please specify below

Q12 (If deer are shot – see previous question) How many deer, on average, are shot per annum on the landholding? If you are able, please estimate the primary purposes of the cull by entering percentages in the four columns for sport, conservation, agricultural protection of crops or woodland, and public safety. For vocational stalkers, please estimate how many **you** shoot per annum.

Primary purpose of shooting - % by row
Percentages in each row should sum to 100%

	Number shot	Sport	Conservation	Agricultural protection of crops/ woodland	Public safety
Red	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Roe	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sika	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Fallow	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Q13 Do you consider that **herbivore impact** (other than deer – i.e. sheep, hare, rabbit etc) on the landholding has increased or decreased over the last ten years? (Please tick one)

Increased Decreased Stayed the same

Q14 Do you commercially let deer stalking opportunities or undertake stalking privately (e.g. your own, family, or friends)? (Please tick as many as apply)

Commercially let deer stalking opportunities
Private stalking
Neither of the above

Deer Management Employment, Costs and Incomes

Q15 Please detail below the total employment necessary to carry out deer management on the landholding in the year 2013/14* (e.g. for forestry/farm/garden/road protection).

(Please tick one)

Job description (change names as required)	Persons	Hours per week per person	Weeks per year per person	Paid	Un-paid
Landowner/Farmer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Factor/Manager	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Stalker/Keeper	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Forest Ranger	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Vocational/recreational Stalker	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Contractor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Other (e.g. Sporting Tenant)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="2"/>

Q16 Please detail below the expenditure associated with deer management on the landholding. What were the major items of **operational expenditure** in 2013/14*?. For each item (adding to the list as necessary) please specify the cost, the location of the supplier and, in the case of manufactured goods, the location of the manufacturer. Please give total expenditures, including VAT if you incur VAT and are unable to claim it back (i.e. you are not VAT registered). If you are a vocational stalker, please detail your own expenditure.

Wherever possible, please detail only expenditure associated with deer management. If it is not possible to separate deer management expenditure from other operational expenditure as your costs are incurred for activities in addition to deer management e.g. grouse management, low ground shooting, gardening etc, please estimate the proportion of costs attributable to deer management in percentage terms.

Percentage of these costs attributable to deer management:

%

Item of expenditure (Write in items not listed)	Cost	Location of supplier			Location of manufacturer		
		Scotland	Rest of UK	Outside UK	Scotland	Rest of UK	Outside UK
Staff costs (including Nat Ins and pension)	£						
Casual wages e.g. gillies employed for the stalking season	£						
Pest control subcontractors	£	1	2	3			
Ammunition	£	1	2	3	1	2	3
Vehicular running costs (fuel, oil)	£	1	2	3	1	2	3
Vehicle servicing/repairs	£						
Maintenance of roads and tracks	£						
Equipment repairs (e.g. to rifles, radios, binoculars)	£	1	2	3			
Stalking Pony Costs (e.g. saddlery, horseshoes)	£	1	2	3			
Clothing	£	1	2	3	1	2	3
Licences, Membership subscriptions	£	1	2	3			
Property costs (rent, rates, maintenance)	£	1	2	3			
Utilities & communications (e.g. gas, electricity, water, phone)	£	1	2	3			
Other Goods purchased (e.g. manufactured goods, consumables)	£	1	2	3	1	2	3
Other Services purchased (e.g. insurance, accountancy, legal, banking, HP and leasing)	£	1	2	3			
Other (please specify below)	£	1	2	3	1	2	3
TOTAL	£						

Q17 Looking back over the past 5 to 10 years as a guide, what **capital expenditure** is necessary to undertake the level of deer management currently undertaken on the landholding? For each item (adding to the list as necessary) please specify the cost*; the life time of the equipment / capital item (you may require a new building every 5 years, or a computer every 3 years or a vehicle every 2 years) and the location of the supplier and the manufacturer. If you are a vocational stalker, please detail your own expenditure.

Wherever possible, please detail only expenditure associated with deer management. If a capital item is only partly used for deer management, please reduce the cost accordingly: for example, if an item worth £10,000 is used 50% for deer management and 50% for other purposes, please enter "£5,000" below.

If it is not possible to separate deer management expenditure from other capital expenditure as your costs are incurred for activities in addition to deer management e.g. grouse management, low ground shooting, gardening etc, please estimate the proportion of costs attributable to deer management in percentage terms below.

Percentage of these costs attributable to deer management: %

Item of expenditure (Write in items not listed)	Cost	# Years	Location of supplier			Location of manufacturer		
			Scotland	Rest of UK	Outside UK	Scotland	Rest of UK	Outside UK
			1	2	3	1	2	3
Deer management equipment (sacks, high seats, weighing scales, knives, etc)	£		1	2	3	1	2	3
Fencing (posts, wire)	£		1	2	3	1	2	3
Air rifles, rifles, optics	£		1	2	3	1	2	3
Buildings: accommodation, stores, stables, kennels	£		1	2	3	1	2	3
Creation of roads and tracks	£		1	2	3	1	2	3
Vehicles: lorry, van, pick up, tractor, trailer	£		1	2	3	1	2	3
Stalking Ponies	£		1	2	3	1	2	3
Dogs kept for the purposes of deer management	£		1	2	3	1	2	3
Venison storage (chillers, larders)	£		1	2	3	1	2	3
Any Venison processing equipment	£		1	2	3	1	2	3
Communication equipment(eg walkie talkie)	£		1	2	3	1	2	3
Computers	£		1	2	3	1	2	3
Other (please specify below)								
	£		1	2	3	1	2	3
	£		1	2	3	1	2	3
TOTAL	£							

Job Source Sent Rec'd Checker Ref

Q18 Please detail below any income which was received as a result of deer management on the landholding in 2013/14* (please round figure as necessary).

2013/14* Income (incl. VAT)

Sale of deer carcasses for processing elsewhere	£
Sale of processed venison direct to wholesaler/retailer/catering industry	£
Sale of other deer products (e.g. horn)	£
Income received from sporting clients	£
Income received from Stalking Rents	£
Other (describe below)	£
<hr/>	
TOTAL (all sources)	£

Deer Management – Implications for Land Management

Q19 If deer management were to cease on the landholding, what would be the **economic** and **environmental** implications? e.g. additional fencing costs, greater loss of crops, increased woodland damage (Please detail below)

END. THANK YOU FOR YOUR HELP –The information you have supplied is extremely valuable to this study and we appreciate the considerable time you have put in to complete this questionnaire.

Please return the questionnaire to PACEC in the envelope provided (49-53 Regent Street, Cambridge, CB2 1AB)