

Bobwhite Quail Fall Covey Count Data Sheet

This data sheet can be used to record the number and location of quail covey's heard during the fall covey count. Counts should be conducted on clear, calm mornings. Arrive at the listening point 45 minutes before sunrise and end the survey at official sunrise. The area surveyed is equal to 196 acres per listening point based on an average listening radius of 550 yards.

Observer Name: _____
 Survey Date: _____
 Start Time: _____
 End Time: _____
 Listening Point Location: _____
 % Cloud Cover: _____
 Temperature: _____
 Wind Speed: _____



Covey ID	Time of Call	Approximate Distance from Listening Location	Number of Birds in Covey (If Flushed)
<i>Sample - Covey A</i>	<i>6:36 AM</i>	<i>60 Yards to the SW</i>	<i>12</i>

Total # of Individual Coveys Heard: _____ Average # of Birds per Covey: _____

Adjusted Covey Estimate:

Total # of Coveys Heard	x	Adjustment Factor*	=	Fall Covey Index

*To adjust for social calling behavior, multiply the number of coveys heard by the following factors:

Number of Coveys Heard	Factor
1	0.53
2	0.85
3 - 4	0.87
5 or more	0.94

For example, if you heard three coveys calling during the survey the calculation would be:
 $3 \times 0.87 = 2.6$
 Your adjusted covey estimate would be 2.6 coveys for the 196 acre survey area.

Approximate Birds per Acre Estimate:

Acres Surveyed	÷	# of Coveys Heard	x	Avg. # of Birds/Covey	=	Acres/Bird