



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



Incorporating Stakeholders' Values into Ohio Deer Management: Workshop #2

Ohio Division of Wildlife: 10-Year Deer Management Plan
Workshop #2: August 3rd and 4th, 2017

Good Morning!



Our goal for today:

- Identify performance measures for the 6 Fundamental Objectives.
- Write it down, either on a worksheet or on a flip-chart.
- If it's not written down, it won't be recorded. And it won't get managed.

Day #2 Schedule

8:00 - 8:30:	BREAKFAST
8:30 - 9:00:	Review Yesterday's Performance Measures
9:00 - 9:30:	Small-group Activity #1: 2 Objectives
10:00 - 10:30:	Report from Small-group Activity #1
10:30 - 12:00:	Small-group Activity #2: 3 Objectives
12:00 - 12:30:	Report from Small-group Activity #2
12:30 - 1:00:	Activity #3: 1 Objective: Maximize Opportunities
1:00pm:	DEPART



Maximize deer hunting opportunities

- This is probably the most difficult objective we have to measure.
- There are so many ways to define “opportunity,” and a good opportunity is often unique to an individual.
- The Division already measures opportunities using multiple measures:
 - # of deer seen,
 - # of antlered deer seen,
 - # of deer harvested,
 - deer hunter satisfaction,
 - overall hunting experience, etc.



Maximize deer hunting opportunities

- How'd we do yesterday?
- Using Group #1's measure(s) as a leaping off point:
 1. Space (Hunttable habitat per hunter, in acres)
 2. Time (Length of Season, in days)
 3. Tools (# of implements)
 4. Costs (License & permit fees, in dollars)
 5. Management/Enforcement (?)
 6. Deer...



Maximize deer hunting opportunities

6. ...Deer —how do we expand on “deer”?
- Hunter success (# of deer harvested/licenses)
 - # of deer seen
 - # of antlered deer seen
 - # of deer harvested



Maximize deer hunting opportunities

- Two groups identified *surveys* to measure hunting opportunities:
 - A survey at the P.O.S:
 1. Do you hunt public or private? (Why do we want to know this?)
 2. How far will you drive? (Will? Did? Want to?)
 3. If you hunt public, where? (What does this tell us?)
 4. How many days? (Will? Did? Want to?)



Maximize deer hunting opportunities

- A Division Deer Hunter Attitude Survey
 - this is a method, but *what are the measures?*
- Do attitudes/satisfaction = opportunities? Are attitudes or hunter satisfaction a proxy for opportunities? I.e., high satisfaction means good opportunities?
 - See Group #1!



Maximize deer hunting opportunities

- Finally, one group identified # of landowner permits as a means of measuring # of successful hunters
- Is the # of landowner permits a proxy for or lead to a more accurate measure of hunter success?
- Is hunter success a proxy for deer hunting opportunities? Why or why not?
- Landowner permits are more likely an “option,” or a means, but not a measure. We can use them at the next workshop.



So, let's try again.

- This time, let's begin with easier objectives:
 1. Minimize the negative **impacts** of deer.
 2. Improve the **relationship** between division personnel, hunter and the non-hunting public.
- You'll have 30 minutes for each objective!
- We will come around and both keep you on target and answer questions.



Remember!

- WRITE IT DOWN —either on a worksheet or on a flip-chart.
- If it's not written down, it won't be recorded. And it won't get managed.
- Don't get bogged down on how you can best achieve the objective, focus on how you'll measure achievement!

Small-Group Activity #1: Identify Performance Measure(s) for TWO fundamental objectives.

1. Identify a *measure(s)* for evaluating the performance of a management option with regard to:
 - **Minimize the negative impacts of deer.**
 - **Improve the relationship between division personnel, hunter and the non-hunting public.**
2. Explain *your rationale* for selecting each measure(s).
3. Identify the *source* of the information for each measure: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?

Report to Main Group

1. Identify your measure(s). Be specific.
2. Explain *your rationale* for selecting this measure(s).
3. Identify the *source* of the information: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?
6. Don't forget about Means Objectives! Does identifying a performance measure identify additional means objectives? Do we need to measure those too? If so, do so!
(Use another form)

Small-Group Activity #2: Identify Performance Measure(s) for THREE fundamental objectives.

1. Identify a *measure(s)* for evaluating the performance of a management option with regard to:
 - **Preserve the tradition of hunting.**
 - **Maintain a healthy deer population.**
 - **Improve the balance between hunter, farmer, landowner—and other stakeholder—satisfaction.**
2. Explain *your rationale* for selecting each measure(s).
3. Identify the *source* of the information for each measure: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?

Report to Main Group

1. Identify your measure(s). Be specific.
2. Explain *your rationale* for selecting this measure(s).
3. Identify the *source* of the information: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?
6. Don't forget about Means Objectives! Does identifying a performance measure identify additional means objectives? Do we need to measure those too? If so, do so!
(Use another form)

Final Activity:

Re-identify Performance Measure(s) for
“Maximize deer hunting opportunities.”

1. Identify a *measure(s)* for evaluating the performance of a management option with regard to:
 - **Maximize deer hunting opportunities.**
2. Explain *your rationale* for selecting each measure(s).
3. Identify the *source* of the information for each measure: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?

Report to Main Group

1. Identify your measure(s). Be specific.
2. Explain *your rationale* for selecting this measure(s).
3. Identify the *source* of the information: *who* will do the measuring?
4. How much *time, money, and personnel* will the measuring require?
5. How well does the measure deal with *uncertainty*?
6. Don't forget about Means Objectives! Does identifying a performance measure identify additional means objectives? Do we need to measure those too? If so, do so!
(Use another form)



Thank you for your time!