

**The evaluation question is the most important aspect of the evaluation process;** evaluation is intrinsically linked to action, it makes little sense, and is of limited interest, to perform an evaluation without a specific objective for action.

Indeed an evaluation process with the aim to gather knowledge is qualified as a “quasi-evaluation” as it provides elements on how the system is working but no elements and why and is therefore limited in terms of recommendation for corrective actions and improvement.

This is especially important to consider in resource scarce situation as evaluation has a cost, both in terms of human and financial resources.

**A list of 11 evaluation questions were defined within the EVA tool** trying to account for all the diversity of evaluation need (Table 1). However this list might not be exhaustive and could be reviewed based on feedback from users of the tool and/or comments made on this EVA wiki.

Table 1. List of evaluation questions relevant to evaluation surveillance systems

Evaluation question	Evaluation criteria	Evaluation method
===== Evaluation questions at the component level =====		
Q1. Assess whether one or more surveillance component(s) is/are capable of meeting a specified technical effectiveness target	Effectiveness	Effectiveness attribute assessment
Q2. Assess the costs of surveillance components (out of two or more) that achieve a defined effectiveness target, where effectiveness is already known	Effectiveness Cost	Least cost assessment
Q3. Assess the costs and effectiveness of surveillance components (out of two or more) to determine which achieves a defined effectiveness target at least cost, the effectiveness needs to be determined	Effectiveness Cost	Least cost assessment
Q4. Assess the technical effectiveness of one or more surveillance components	Effectiveness	Effectiveness attribute assessment
<b>Q5. Assess whether a surveillance component generates a net benefit for society, industry, or animal holder(s):</b>		
Q5a. Benefit to be measured in monetary terms	Effectiveness, Monetary benefit Cost	Cost benefit assessment
Q5b. Benefit to be measured in non-monetary terms or to be expressed as an effectiveness measure	Effectiveness Non-monetary benefit Cost	Cost effectiveness assessment
Q5c. Benefit to be measured in both monetary and non-monetary terms (or to be expressed as an effectiveness measure)	Monetary benefit Non-monetary benefit/effectiveness Cost	Cost benefit and cost effectiveness assessment
<b>Q6. Identify the surveillance component (out of two or more) that generates the biggest net benefit for society, industry, or animal holder(s):</b>		

Q6a. Benefit to be measured in monetary terms	Effectiveness, Monetary benefit Cost	Cost benefit assessment
Q6b. Benefit to be measured in non-monetary terms or to be expressed as an effectiveness measure	Effectiveness Non-monetary benefit Cost	Cost effectiveness assessment
Q6c. Benefit to be measured in both monetary and non-monetary terms (or to be expressed as an effectiveness measure)	Monetary benefit Non-monetary benefit/effectiveness Cost	Cost effectiveness assessment
<b>Q7. Identify the surveillance component (out of two or more) that generates the biggest net benefit for society, industry, or animal holder(s) under a budget constraint</b>		
Q7a. Budget constraint and benefit to be measured in monetary terms	Effectiveness, Monetary benefit Cost	Cost benefit assessment
Q7b. Budget constraint and benefit to be measured in non-monetary terms (or to be expressed as an effectiveness measure)	Effectiveness Non-monetary benefit Cost	Cost effectiveness assessment
Q7c. Budget constraint and benefit to be measured in both monetary and non-monetary terms (or to be expressed as an effectiveness measure)	Monetary benefit Non-monetary benefit/effectiveness Cost	Cost benefit and cost effectiveness assessment
===== Evaluation questions at the system level =====		
Q8. Assess the functional aspects of surveillance which may influence effectiveness	Effectiveness	Functional attribute assessment
Q9. Assess the technical effectiveness of one or more surveillance components and the functional aspects of surveillance that may influence effectiveness	Effectiveness	Effectiveness and functional attribute assessment
Q10. Assess the technical effectiveness of the surveillance system	Effectiveness	Effectiveness
Q11. Assess the surveillance structure, function and processes	Effectiveness	Process

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