

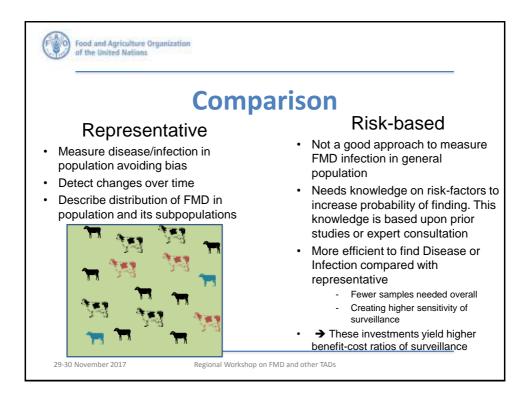
	Surve	eillance	the systematic, ongoing collection, collation and analysis of information related to anima health, and the timely dissemination of information to those who need to know, so that action can be taken (OIF, 2012) to support informed-decision making
<b>ISK:</b> the probability of the event occurring <u>times</u> the nnsequence of the event given that it has occurred	Risk-based surveillance	2	

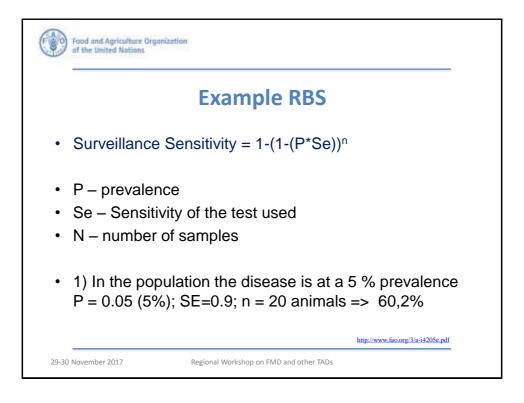
Risk-based	Identifying <u>sub-populations</u> at greater risk of being infected and ensuring these are represented in a greater proportion than in the general population	Surveillance	the systematic, ongoing collection, collation and analysis of information related to anima health, and the timely dissemination of information to those who need to know, so that action can be taken (OIE, 2012) → to support informed-decision making
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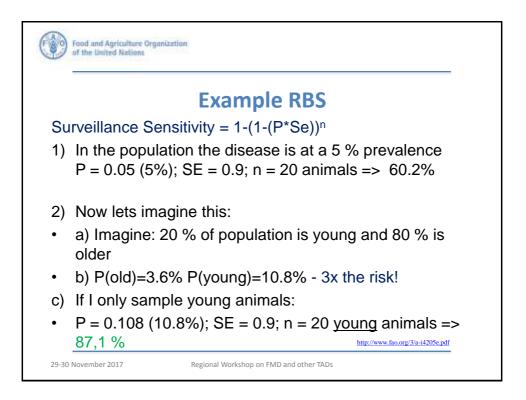
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Principles of Risl Analysis apply here	<ul> <li>Tool to improve efficiency of surveil</li> <li>→ An important goal is to achieve a higher benefit-cost ratio with existin reduced resources</li> </ul>		Intentionally introducing bias in sample	
Risks such as	Species (susceptibility, infectiousness) Age-categories (susceptibility) Production system (high turnover, density Markets (contacts) Trading/dealing (contacts) Border areas	)		I

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	of the event occurring <u>times</u> the nt given that it has occurred	Risk-bas surveilla		<ol> <li>Disease or Infection is present or it is unknown</li> <li>Change of prevalence/incidence over time</li> </ol>	
Principles of Risk Analysis apply here	Tool to improve efficience → An important goal is t higher benefit-cost ratio reduced resources	o achieve a	introducing bias	<ul> <li>Detecting cases</li> <li>Proof of absence</li> <li>Disease or Infection is absent</li> <li>Detection of new incursion</li> <li>Demonstrate freedom</li> </ul>	
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	Production system (high turnover, density) Markets (contacts) Trading/dealing (contacts) Border areas	Active	information collection is systematic, regular often for a specific disease	Sero-survey Abattoir-based Risk-based Negative reporting
Risks such as	Species (susceptibility, infectiousness) Age-categories (susceptibil	Passive	2 Data collection method is passive:	Farmer notification Rumour, media == awareness, willingness to report and level of diagnostics
Principles of Ris Analysis apply here	Sk Tool to improve efficiency → An important goal is to benefit-cost ratio with exis resources	achieve a higher	Intentionally introducing bias in sample	Proof of absence
its use in risk analysis, w consequences	adverse event occurring, in contrast to here it is likelihood combined with ent occurring <b>times</b> the consequence o as occurred	Risk-b survei		<ol> <li>Disease or Infection is present</li> <li>Detecting cases</li> <li>Disease or Infection is absent</li> <li>Detection of new incursion</li> </ol>
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٢	Food and Agriculture Organization of the United Nations	2
	Risk-based surveillance to regain FMD freedom ssing virus circulation in small ruminants through sero-surveillance	ŏ
V	/hat would have your preference?	
1.	Assess the prevalence of infection in flocks that were surveyed in the previous round. If the prevalence has increased, it is most likely to be due to within-flock transmission	
2.	Assess the status of flocks that tested negative in the last round. If any test show evidence of infection, this must have occurred since the last sampling	
3.	Assess only young animals – kids and lambs born since last lambing season. If any show antibodies, these must have been acquired this year indicating active infection	
29-30	November 2017 Regional Workshop on FMD and other TADs	

