

Sectors	Signals
Ministry of Health (MOH)	
Health Facilities	1. Illness requiring hospital admission in health care workers after caring for patients with similar symptoms.
	2. Changes in expected patterns of infectious diseases illness, including:
	3. Two or more cases and/or death with similar type of symptoms occurring in the same community (school, workplace) in the previous 7-day period
	4. Illness in individuals who have travelled outside Oman in the last 14 days
School Health	1. Unusual Increase in Absenteeism
	2. Reports of Common Symptoms Among Students (5 cases or more within 5 days)
	3. Clusters of Similar Illnesses in Classrooms.
	4. Noticeable Rise in Visits to the School Health Clinic with Similar Complaints within a Week
	5. Environmental Health Hazards
	6. Onset of Symptoms Following School Events or Activities
laboratories	1. Large/sudden unexpected increase in numbers of specimens with the same testing request, or positive for the same pathogen (including pathogens that are resistant to multiple antibiotics).
	2. Suspecting emerging (newly detected pathogen), re-emerging (pathogen that has not been detected for a long time)
	3. Abnormal biological monitoring reports which might have a public health threat (e.g., lead exposure in more than 5 % of workers)
Call Centre (Community)	1. Two or more cases of similar symptoms in a community or a mass gathering event
	2. Someone who has been travelling abroad in the last 14 days and developed certain symptoms
	3. Illness that occurs after contact with sick or dead animals
	4. Illness with unexplained fever and bleeding (gums, skin, or eyes, stool, or urine)
	5. Occupational exposure (chemical/radiological/biological)
Ministry of Agricultural	

Animal Sector	1. Large, unexpected, sudden increases in diseases/abortions or death of animals. (Including both economic or non-economic)
	2. Unprovoked attack or bite among/by animals
	3. Illness that occurs after contact with sick or dead animals
	4. Zoonotic lab: lab confirmed animal for priority diseases
	5. Increased vectors
Food Supply and Quality Center	1. Positive food samples for infectious bacteria.
	2. Contamination of food with heavy metals.
	3. Food samples that do not comply with approved standard specifications at border ports
Environment Authority	
	1. Contamination of Air, water and/ or soil
	2. Environmental disasters or natural phenomena with health impact.
	3. The presence of pathological symptoms in animals living in nature's reserves
Municipalities	
Veterinary Services	1. Increased cases of complete destruction of animals in municipal slaughterhouses pens due to the emergence of livestock diseases.
	2. Spread of disease vectors in slaughterhouse pens.
	3. Emergence of pathological signs in carcasses post-slaughter
	4. Large-scale mortality in poultry.
	5. Pathological symptoms appearing in veterinary staff, butchers, or slaughterhouse workers that are suspected to be related to animals or poultry after contact with them.
Municipality Laboratories	1. Water samples that do not comply with approved standard specifications
	2. Food samples from restaurants and cafes that do not comply with approved standard specifications
	3. Confirmed cases of food poisoning
	4. Expired products detected during field inspections
	5. Increased infection rates among laboratory staff due to exposure to bacterial contaminants
Health Affairs Sector	1. Increased density of disease vectors.
	2. Infections among public health control workers exhibiting symptoms suspected to be related to disease vectors