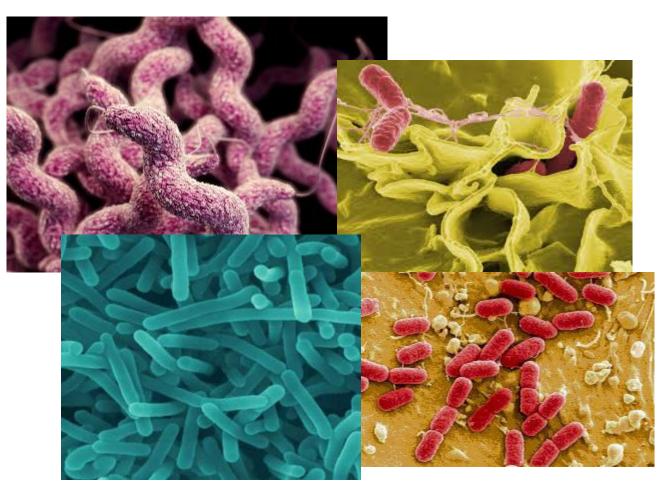
Occupational Zoonoses in Colorado: Improving Surveillance

Alice White funded by MAP-ERC





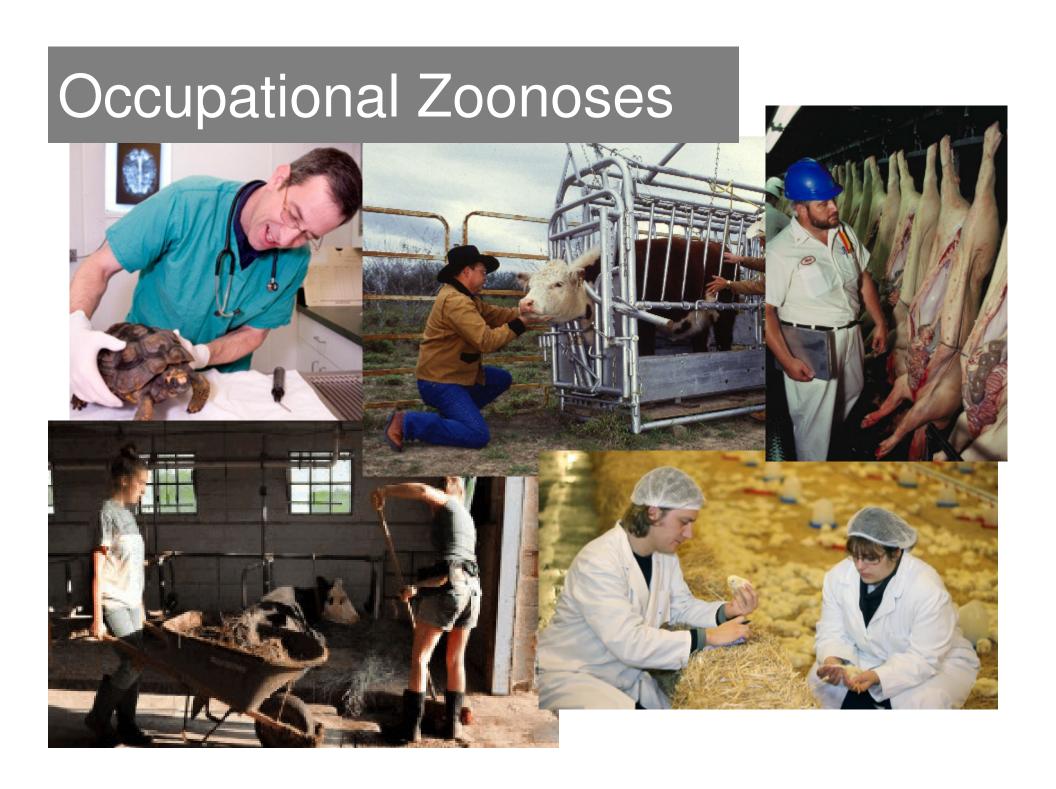
Enteric Zoonoses





CDC estimates 450,000 illnesses attributable to contact with animals and their environment







National Institute for Occupational Safety and Health



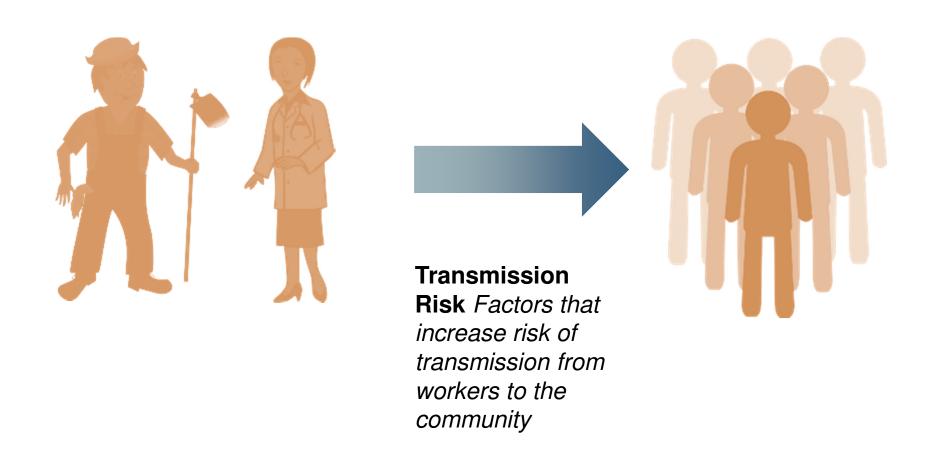
Colorado Electronic Disease Reporting System (CEDRS)

r ationt Hain	10		*Phone (hm)					
*Address								
*City		*County	ZIP	*Phor	ne (wk)			
*DOB		*Age		*Sex:	M F			
*Race		□American Indian/Alask	a Native	□Asian	□Black			
(check all tha	t apply):	□Native Hawaiian/Padf	ic Islander	□White	☐Other race			
*Ethnicity:	□Hisp	oanic Non-Hispanic	□Other/L	Inknown				
*Place of birt	th: DUSA	☐Other country	:					
		-						
*Occupation	(specify	if multiple jobs)						
Last day wor Note: If case attach the hi	rked (or e is a food gh-risk occ shildcare p	if multiple jobs) attended school/chil thandler (i.e. anyone who cupation questionnaire ar provider, or health/denta	ld care) ose hands co		tact with food), fill ou t inspection workshe			
Last day wor Note: If case attach the hi If case is a c questionnain	rked (or a e is a food gh-risk ood hildcare p e.	attended school/chil thandler (i.e. anyone who cupation questionnaire an	d care) ose hands co od the food e al care work	J J ome into con stablishmen eer, fill out th	tact with food), fill ou t inspection workshe e high-risk occupatio			

Old notions deals on contracted our				ed water		Vee	Nie	Unk
Did patient drink any untreated wa If yes, specify where and w							No	Unk
Food history Interviewer: if pat								
oid the patient eat any of the follow			ng 1	5-50 day tir	ne frame above?	If yes, plea	ase spe	cify whe
these were likely purchased/consu	mea:							
Produce					Where purchased	/consume	d?	
Any food from a salad bar	Υ	N	U		,			
Sprouts (bean, alfalfa, clover)	Y	Ν	U					
	Y							
Lettuce	Y	Ν	U					
Prepared at home	Y	Ν	U					
Lettuce purchased as (check all th	at ap	ply)	Ē					
□ Precut/pre-shredded □Hea	ad	Bra	nd/t	ype:	_			
Prepared elsewhere	Υ	N	U		_			
Uncooked green onions (scallions)	Υ	N	U					
Uncooked cilantro	Y	Ν	U					
Other raw vegetables:	_ Y	N	U					
Any unpasteurized juice or cider	Υ	N	U					
Strawberries	Y	Ν	U	□ Fresh	□Frozen			
Raspberries	Y	Ν	U	□ Fresh	□Frozen			
Blueberries			U		□Frozen			
Other berries:			U	□ Fresh	□Frozen			
Cantaloupe		Ν						
Honeydew		Ν						
Other fruit:	_ Y	N	U					
Other Food Items.								
Foods brought from another count								
Fresh salsa / pico de gallo	Y	Ν	U					
Cream filled pastries	Υ	Ν	U					
Health food products or supplement								

Is the case employed as a food handler?

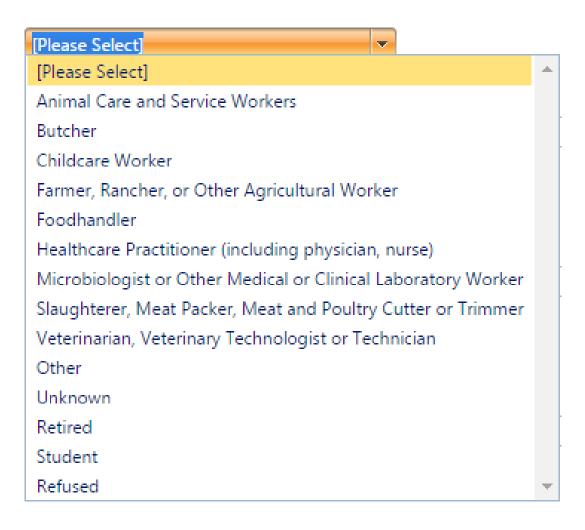
Did the case attend or work at a childcare center or preschool?



New CEDRS

- CEDRS redesign
- Identified optimal set of variables
- Developed by experts
- Goal to determine which specific questions can further inform specific control measures

Occupation during 7 days before illness onset



Industry during 7 days before illness onset



Describe main occupational duties during 7 days before illness onset

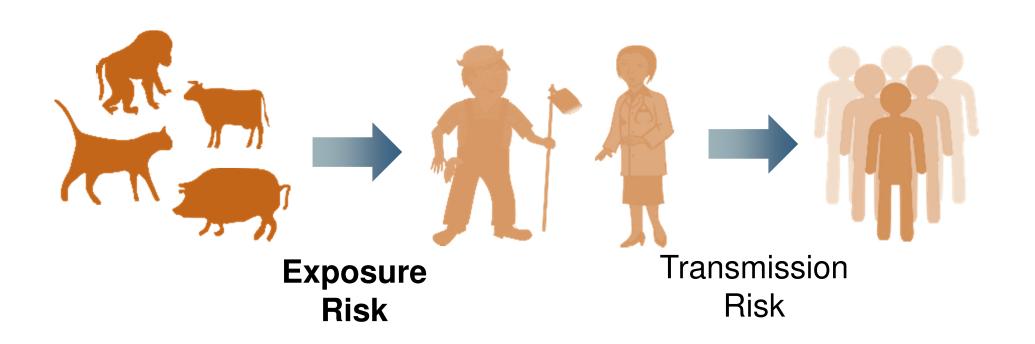


SUN	MON	TUE	WED	THU	FRI	SAT
				Exposed		
	Becomes ill				Fired for missed work	
	Starts new job			State for calls interview	N	

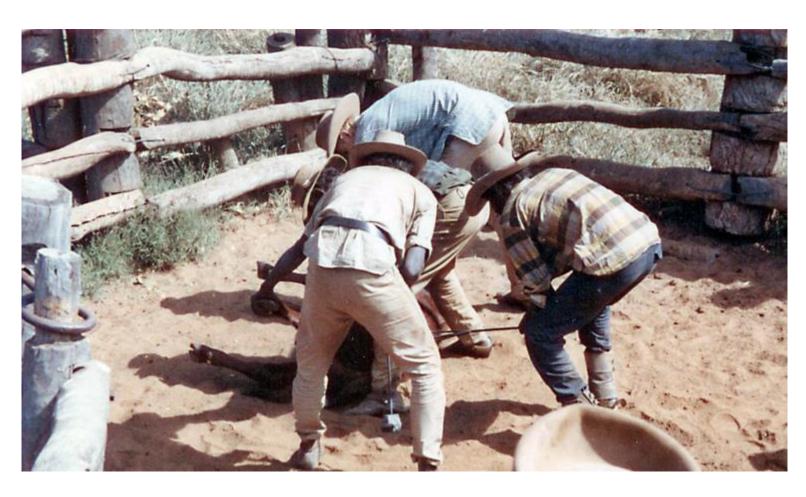
What was the case's occupation during 7 days before illness onset?

What was the case's industry during 7 days before illness onset?

Describe main occupational duties during 7 days before illness onset



Exposure



Exposure



Transmission



Impact

- Old system
 - Transmission risk because handles food
- New system
 - Captures the occupation, industry, and specific duties that led to the worker being exposed and becoming ill

Future

Evaluate impact

Identify workers at high risk

Track trends

Prioritize interventions

