

## Salmonellosis

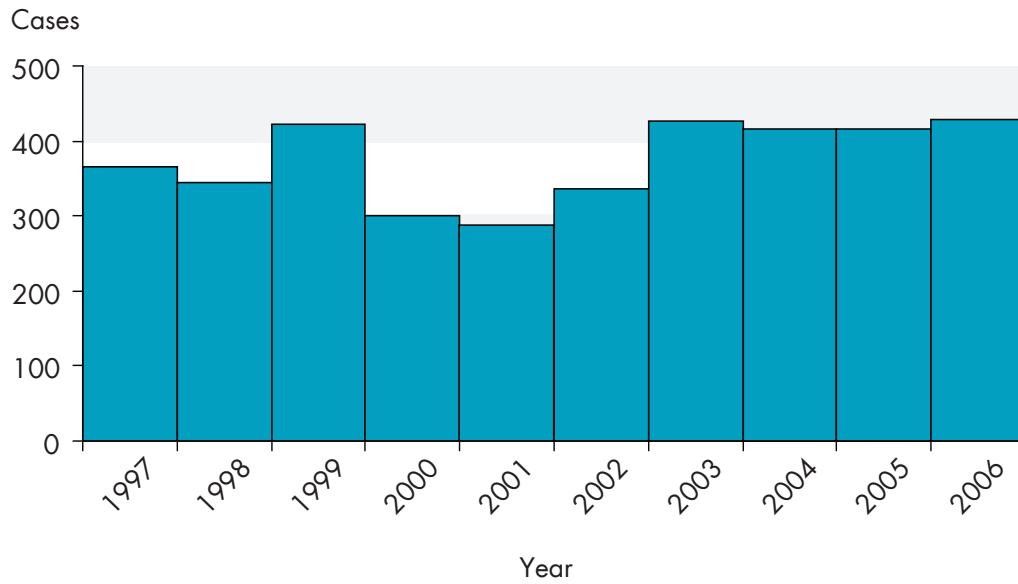
Salmonellosis is a bacterial illness characterized by acute abdominal pain, diarrhea, and often fever that begins 12 hours to five days after infection. In cases of enterocolitis, fecal excretion usually persists for several days or weeks beyond the acute phase of illness; antibiotics generally have no effect on the illness and, in fact, may increase the duration of excretion of organisms.

A wide range of domestic and wild animals are carriers of *Salmonella*, including poultry, swine, cattle, rodents, iguanas, tortoises, turtles, terrapins, young poultry, dogs and cats. The majority of human infections are thought to result from the ingestion of fecally contaminated food or water. Undercooked or raw products of animal origin such as eggs, milk, meat, and poultry have been implicated as common sources of human salmonellosis. More recently, produce (cantaloupe, alfalfa sprouts) has been a common source of infection. Though uncommon, person-to-person spread can occur in humans — via patients, convalescent carriers and, especially, mild and unrecognized cases. The incidence of infection is highest in infants and young children.

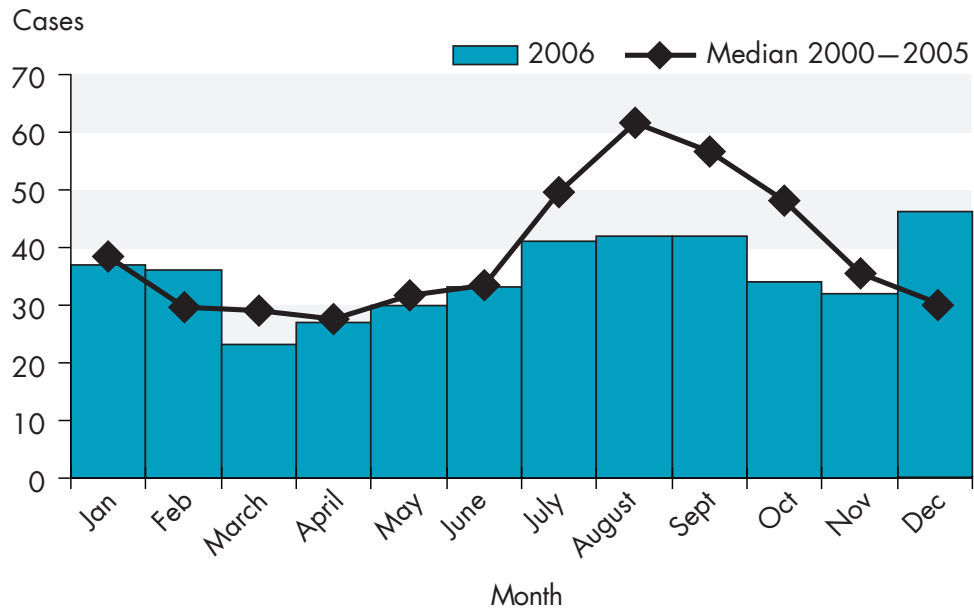
Of approximately 2,500 known serotypes, only about 200 are detected in the U.S. in any given year. In Oregon, *S. Typhimurium* and *S. Enteritidis* are the two most commonly reported.

In 2006, 11 outbreaks of salmonellosis were investigated in Oregon. Of those, five were confirmed to be foodborne, three were related to animal contact, and in three the source of the *Salmonella* could not be determined.

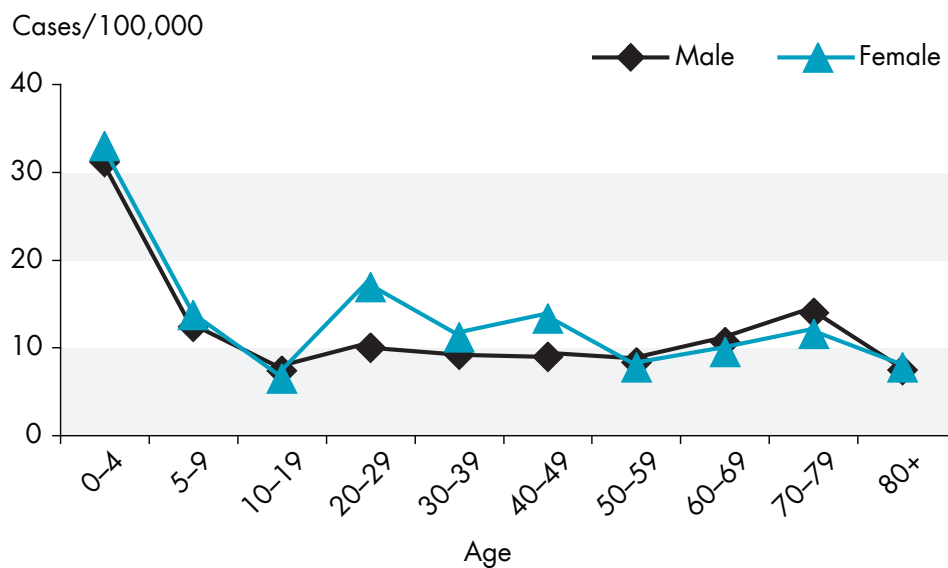
Salmonellosis by year - Oregon, 1997–2006



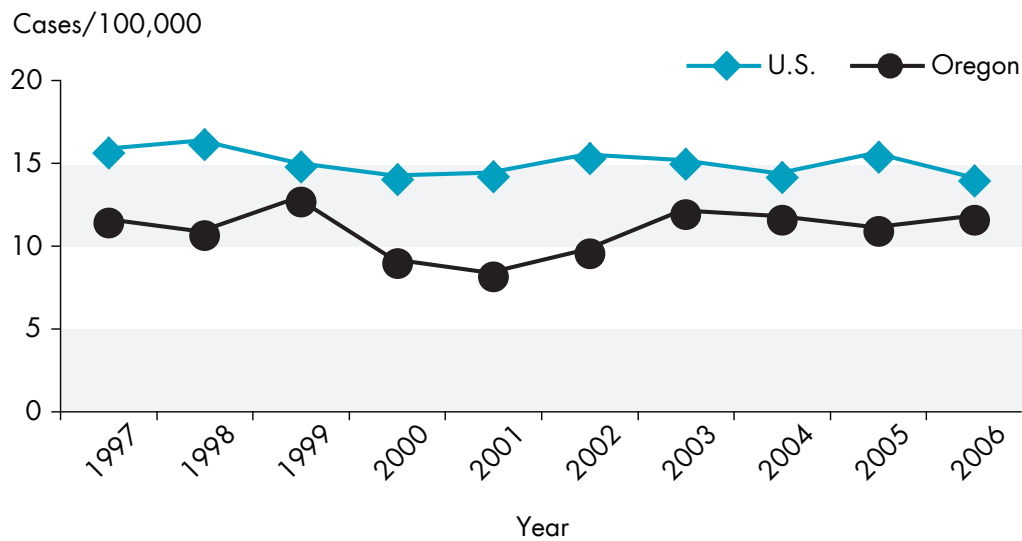
Salmonellosis by onset month - Oregon, 2006



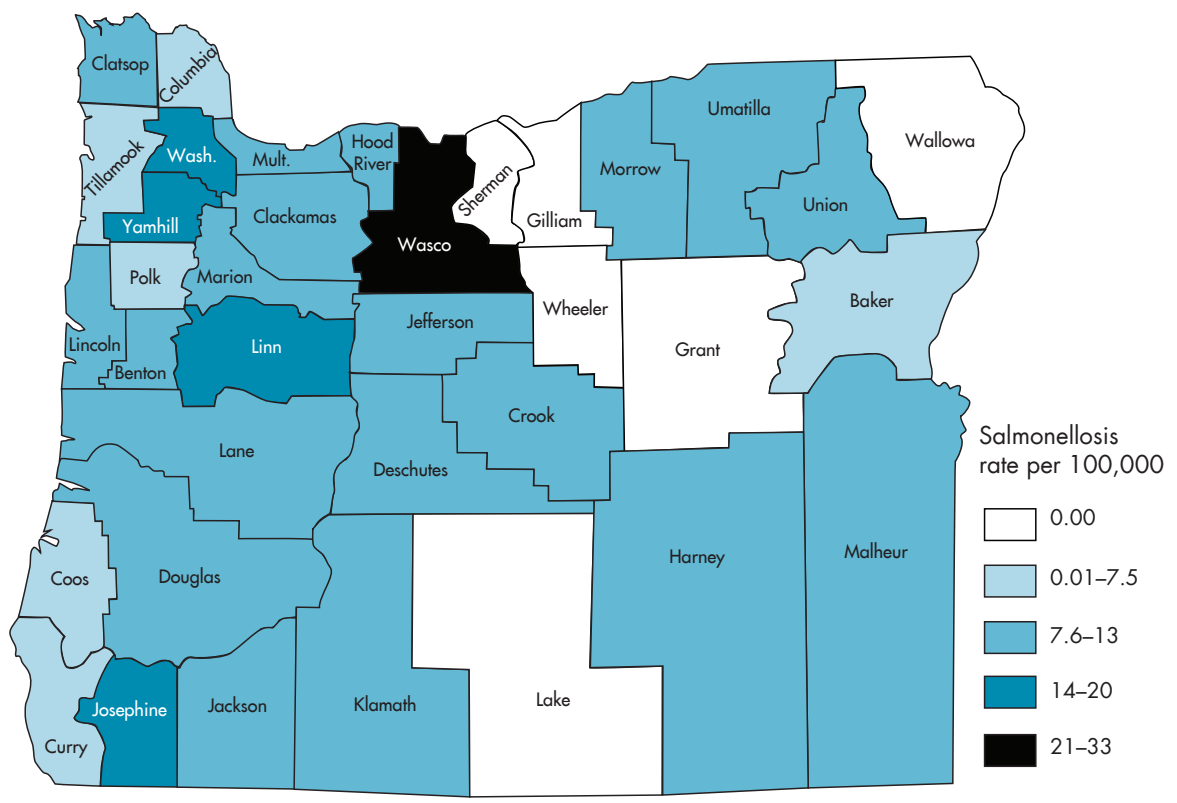
### Incidence of salmonellosis by age and sex - Oregon, 2006



### Incidence of salmonellosis - Oregon vs. nationwide, 1997-2006



### Incidence of salmonellosis by county of residence - Oregon, 2006



Selected\* *Salmonella* by serotype - Oregon, 2006

	2002	2003	2004	2005	2006		2002	2003	2004	2005	2006
Abony	0	0	0	0	1	Montevideo	17	16	15	15	13
Agona	4	8	7	0	8	Muenchen	10	5	7	8	8
Altona	0	0	0	0	1	Muenster	0	2	2	2	2
Amager	0	0	3	0	2	Newport	31	38	14	17	16
Apapa	1	0	0	0	1	Nottingham	0	0	0	0	1
Bareilly	0	0	0	0	2	Ohio	0	2	0	9	5
Benin	0	0	0	0	1	Oranienburg	12	13	6	8	5
Berta	0	0	0	0	2	Panama	2	4	1	2	1
Braenderup	4	1	2	1	11	Paratyphi A	1	2	0	0	5
Colindale	1	0	0	0	1	Paratyphi B	0	0	0	0	1
						Paratyphi B var.					
Derby	0	0	0	0	2	Java	8	7	17	20	7
Dublin	1	3	3	3	3	Poona	7	3	4	0	4
Enteritidis	48	78	60	86	74	Reading	3	1	3	0	1
Hadar	9	6	3	5	5	Saintpaul	18	36	16	7	10
Havana	0	1	2	0	1	Schwarzengrund	1	0	1	0	1
Heidelberg	27	12	37	51	19	Senftenberg	3	1	2	1	3
Infantis	1	2	10	5	7	Stanley	4	5	2	5	11
Irumu	0	0	0	0	1	Tennessee	1	0	1	1	2
Javiana	3	3	1	4	5	Thompson	1	2	1	6	9
Kingabwa	0	0	0	0	2	Typhimurium	67	79	85	84	90
Litchfield	0	0	2	0	2	Virchow	1	0	0	1	2
Lomalinda	0	1	0	0	1	Weltevreden	0	2	0	1	1
London	0	1	0	0	1	Worthington	1	0	0	0	1
Mbandaka	0	1	2	0	3	Other serotype	49	72	87	74	58
Molade	0	1	0	0	1	Unknown	16	32	34	16	22
Monschau	0	0	0	0	1	Total	335	424	415	417	424

\*must have at least one case reported in 2006, other serotypes not listed might have been reported in previous years