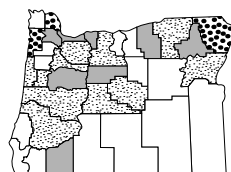
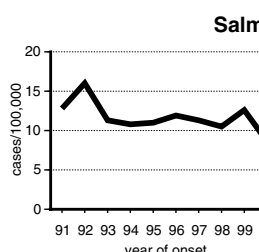
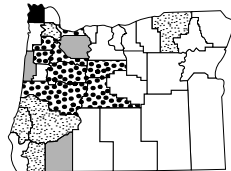
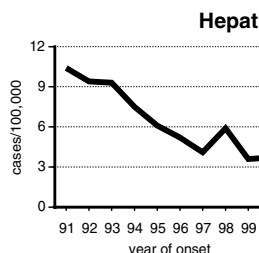
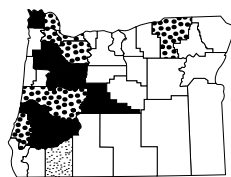
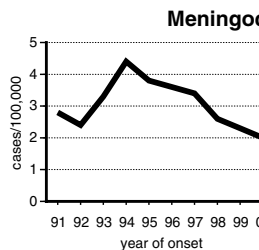
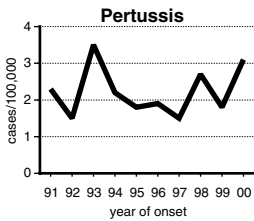
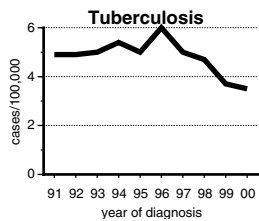
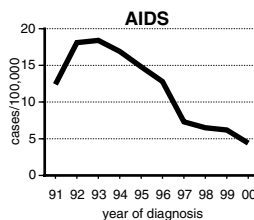
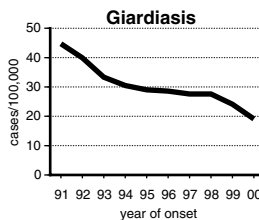
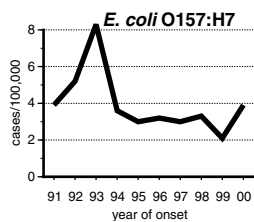
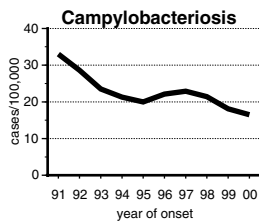


CENTER FOR DISEASE PREVENTION & EPIDEMIOLOGY • OREGON HEALTH DIVISION

ANNUAL COMMUNICABLE DISEASE REVIEW



ONCE A YEAR* we try to summarize our communicable disease statistics in this forum. Preliminary analysis suggests that some things were up and some were down last year. It's hard to say why.

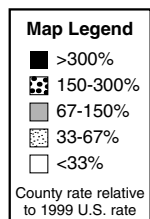
The graphs show *reported* incidence rates over the past decade for some of the more common diseases on our list. Reported incidence is, of course, akin to but distinguishable from real incidence. These patterns reflect the changing incidence of disease, shifts in diagnostic practices, and sometimes changes in how we define cases—all with an overlay of sampling “noise.”

Trends that persist over several years (e.g., the steady decline in meningococcal disease, giardiasis, and campylobacteriosis) or that are consistent across several related diseases (e.g., the upturn in STDs) are more likely to reflect “real” changes than tallies that bounce around considerably (e.g., pertussis). Changes in the reported incidence of AIDS, for example, obviously reflects greatly improved treatment options for HIV-infected individuals. Oregon’s hepatitis A rate—only a few years ago a national disgrace—has plummeted to an unprecedented low. Indeed, our crude statewide rate in 2000 (5.1 cases/100,000) was actually below the national average.

The maps show crude 2000 incidence rates by county, relative to the national rate for 1999 (the most recent year for which data are readily available). With small populations in many counties, even one or two cases can make local rates jump.

In addition to the diseases tabulated (*verso*), we also took reports of infant botulism (1 case), brucellosis (3), dengue (1), leprosy (2), leptospirosis (1), psittacosis (3), Q fever (4), relapsing fever (1), Rocky Mountain spotted fever (2), tularemia (2), and typhoid fever (4).

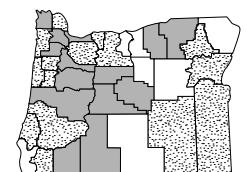
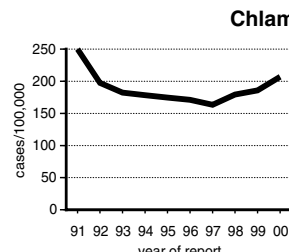
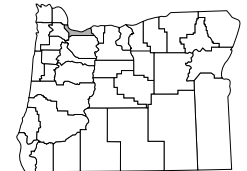
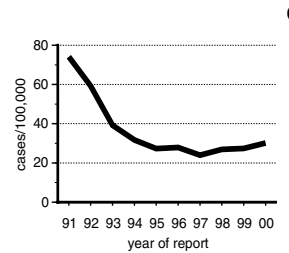
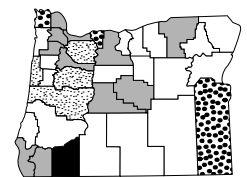
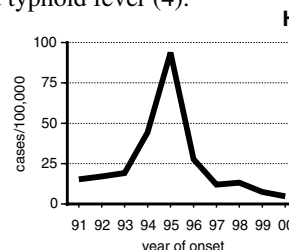
* unless we forget, as we did in 1999.



Epidemiology Haiku

When you are the one
out of
one-hundred thousand
it is too many.

Megan Davies, MD



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Reported Incidence of Selected Diseases (Case Counts) by County, 2000

COUNTY	2000 POP.	amebiasis	campylobacteriosis	cryptosporidiosis	<i>E. coli</i> O157	giardiasis	hepatitis A	listeriosis	salmonellosis	shigellosis	yersiniosis	AIDS	chlamydia	gonorrhea	hepatitis B (acute)	hepatitis B (chronic)	PID	syphilis (early)	<i>H. influenzae</i>	measles	meningococcal disease	pertussis	tuberculosis	Lyme disease	malaria	rabies (animal)
Baker	16,750	0	5	0	0	2	0	0	1	0	0	0	15	2	0	0	0	0	0	0	0	0	0	0	0	1
Benton	78,300	0	25	4	2	15	1	0	7	3	0	1	101	9	1	6	2	2	0	0	0	3	2	0	4	0
Clackamas	340,000	1	65	5	12	63	7	1	22	14	0	12	412	60	7	27	2	0	4	0	7	3	2	0	1	0
Clatsop	35,700	0	10	0	2	5	4	0	0	0	0	1	110	6	5	7	0	0	0	0	2	4	0	0	0	1
Columbia	43,700	1	6	0	1	3	2	1	10	0	0	1	49	2	0	4	1	0	0	0	1	0	1	0	0	0
Coos	62,800	0	4	0	2	13	1	0	2	1	0	1	65	3	1	4	20	0	2	0	1	0	0	0	0	0
Crook	19,300	0	4	0	1	2	1	0	1	0	0	0	34	5	0	1	1	0	0	0	0	0	1	0	0	0
Curry	21,200	0	1	0	1	2	1	0	1	0	0	1	12	0	0	1	2	0	0	0	0	0	0	0	1	1
Deschutes	116,600	0	25	0	2	54	5	0	10	20	0	4	170	5	6	6	30	0	0	0	4	8	0	0	1	0
Douglas	100,500	1	7	1	3	14	1	1	8	0	1	2	122	1	1	0	0	0	1	0	3	1	1	0	0	1
Gilliam	1,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grant	7,950	0	1	0	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0
Harney	7,600	0	3	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Hood River	20,500	0	2	0	0	7	3	0	2	0	0	2	24	0	0	2	0	1	0	0	0	0	0	0	1	0
Jackson	182,200	1	32	0	8	30	33	0	19	8	0	3	446	38	6	7	5	0	0	0	1	3	5	2	1	0
Jefferson	19,150	0	1	0	1	3	0	0	2	0	0	0	55	2	1	1	0	0	0	0	0	0	0	0	0	0
Josephine	76,050	1	6	1	1	18	4	0	2	0	0	3	96	1	1	5	8	0	0	0	0	1	2	3	0	1
Klamath	63,900	1	10	0	0	18	0	0	2	3	0	1	106	3	0	7	1	0	2	0	0	1	2	1	0	0
Lake	7,450	0	2	0	0	3	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0
Lane	323,950	10	56	1	6	77	8	0	30	11	1	8	638	37	20	35	5	1	2	0	5	25	10	1	1	1
Lincoln	44,600	0	7	0	4	10	1	0	3	0	0	1	62	7	1	8	27	0	1	0	0	2	2	0	0	0
Linn	103,350	1	16	1	4	20	4	0	11	1	0	1	162	8	6	6	0	0	2	0	4	0	1	0	0	0
Malheur	31,750	0	13	0	3	5	3	0	1	7	0	1	45	5	0	2	0	0	0	0	0	0	1	0	0	0
Marion	286,300	4	35	0	38	47	19	1	22	13	0	15	802	65	18	50	44	3	3	0	8	14	12	1	2	0
Morrow	11,100	0	3	0	4	0	0	0	1	0	0	0	17	2	0	1	0	0	0	0	0	0	0	0	0	0
Multnomah	662,400	14	106	7	11	143	35	1	77	51	6	121	2306	682	37	183	7	23	5	0	13	13	41	4	15	0
Polk	62,700	0	3	0	4	10	1	0	2	2	1	4	66	3	3	3	5	0	0	0	4	1	0	0	1	0
Sherman	1,950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Tillamook	24,300	0	12	1	3	10	0	0	6	0	0	1	37	0	0	1	0	0	0	0	0	0	0	0	0	0
Umatilla	70,850	2	15	0	5	15	4	0	6	3	0	0	173	2	1	6	0	0	0	0	1	3	3	0	0	0
Union	24,550	0	8	0	1	2	0	0	4	0	0	1	29	2	0	0	0	0	0	0	0	0	0	0	0	0
Wallowa	7,250	0	1	0	1	0	0	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Wasco	23,850	0	1	0	0	3	2	0	2	5	0	0	26	0	0	1	0	0	0	0	0	1	0	0	0	0
Washington	449,250	9	75	3	9	50	18	1	39	16	1	12	774	82	7	70	7	1	7	0	7	16	31	1	11	0
Wheeler	1,550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamhill	85,500	1	8	0	5	11	7	0	2	0	0	4	136	6	5	3	2	0	1	0	9	7	2	0	1	1
TOTAL	3,436,750	47	568	24	135	656	165	6	297	158	10	202	7110	1039	127	448	169	31	30	0	70	106	119	13	40	7

Numbers are by date of report (STDs), date of diagnosis (TB, AIDS), or reported/imputed date of onset (all other diseases). These data are subject to change without notice.