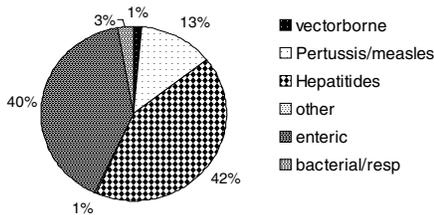


**AN EPIDEMIOLOGY PUBLICATION OF THE OREGON DEPARTMENT OF HUMAN SERVICES**

**SLICING THE PIE—CD STATS FOR 2005**

**A**S ANNUAL as the springtime bird migration on the western flyway we tally cases reported to us and spread the word; what's hot, what's not. The year 2005 heralded the awesome task of hepatitis C reporting; it is not a light duty.

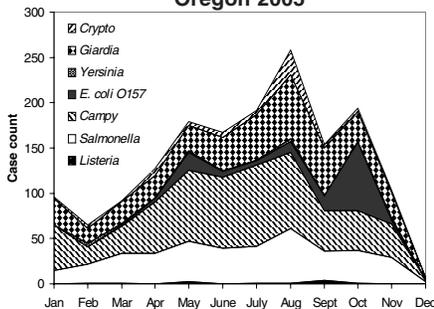
**Disease Reports by Group, 2005**



Sixty-seven percent (1335) of all hepatitides reported in 2005 were newly reportable chronic hepatitis C. Though a daunting mission, collecting epidemiological data on hepatitis C will further efforts to treat (now that we have PEG-Interferon and ribavirin) and educate hepatitis C cases.

Winter months brought the perennial invasive bacterial infections while the summer months

**Reported Enteric Illness by Month, Oregon 2005**



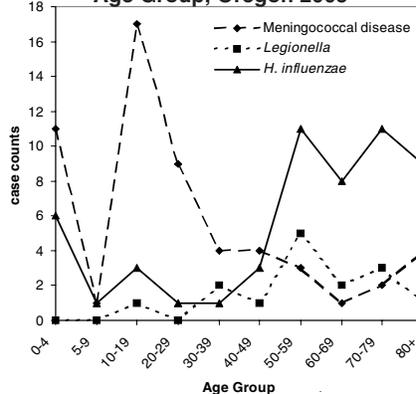
heralded the arrival of picnics, pot-lucks, and enteric pathogens.

Optimism about the new adolescent booster vaccine for pertussis is high. After years of steady gain,

Oregon pertussis rates for 2005 leveled off (from 17.6 per 100,000 to 17.2 per 100,000). Whether it is due to coincidence or time to declare victory for the vaccine, only time will tell. We'll see what happens in 2006.

Though the annual incidence rate of meningococcal disease remains low (1.5 per 100,000), unfortunately the young are hardest hit. Though the new vaccine (Menactra™) for those aged 11-55 years might alleviate some of the meningococcal

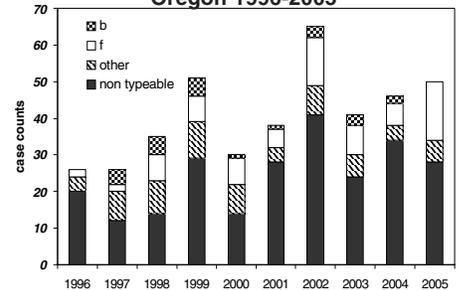
**Reported Invasive Bacterial Illness by Age Group, Oregon 2005**



disease in adolescents, there is no potential for eradication here since Oregon cases are mainly serogroup B. Meanwhile, another common cause of meningitis, *Haemophilus influenzae*, continues its upward creep, and though no serogroup B ("Hib") cases were reported in 2005 (a victory for the vaccine), the continual rise in both non-typeable and serotype f has eyebrows raised. Note the preponderance for the older generation (> 50-year-olds—not quite elderly).

We investigated a total of 125 outbreaks in 2005. One of the largest, 280 cases of *Shigella sonnei* oc-

**Haemophilus influenzae by Year and Type, Oregon 1996-2005**

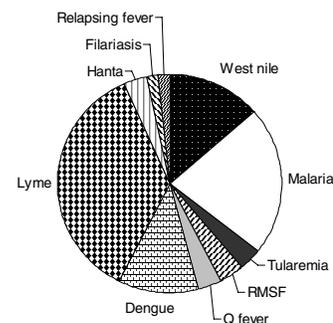


curred among campers at a spiritual retreat. There was *Cryptosporidiosis* at the YMCA in Jackson County, a multi-pathogen (*E. coli* O157 and *Campylobacter*) outbreak at an outdoor camp for kids, and *Salmonella* in ice cream! Now that is just not right. *E. coli* O157-adorned salads were responsible for three outbreaks; organic eggs and raw milk (for pets) were also tagged as culprits.

There was a spattering of exotic vectorborne disease, often the unhappy aftermath to an exotic vacation.

Other highlights include 8 bats testing positive for rabies, 2 cases of

**Percentage of Reported Vectorborne Illness by Agent, Oregon 2005**



Hantavirus, and single cases of murine typhus and brucellosis.

Reported case counts for selected conditions by county of residence are tabulated on the reverse side.

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## CD SUMMARY

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PERIODICALS  
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 Portland, Oregon



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### DISEASE CASE COUNTS\* BY COUNTY OF RESIDENCE, OREGON 2005

\*as of 4/23/2006

|                    | AIDS       | Campylo-<br>bacteriosis | Chlamydia   | Crypto-<br>sporidiosis | E. coli O157<br>infection | Giardiasis | Gonorrhea   | H. influenzae<br>infection | Hepatitis A | Hepatitis B<br>(acute) | Hepatitis B<br>(chronic) | Hepatitis C | HIV        | HUS      | Legionellosis | Listeriosis | Lyme disease | Malaria   | Meningococcal<br>Disease | Pertussis  | Rabies, animal | Salmonellosis | Shigellosis | Early Syphilis | Tuberculosis | Vibrio para-<br>haemolyticus | West Nile | Yersiniosis |   |
|--------------------|------------|-------------------------|-------------|------------------------|---------------------------|------------|-------------|----------------------------|-------------|------------------------|--------------------------|-------------|------------|----------|---------------|-------------|--------------|-----------|--------------------------|------------|----------------|---------------|-------------|----------------|--------------|------------------------------|-----------|-------------|---|
| Baker              | 0          | 0                       | 24          | 0                      | 0                         | 2          | 0           | 0                          | 0           | 0                      | 0                        | 1           | 0          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 0              | 0             | 0           | 0              | 1            | 0                            | 0         | 0           |   |
| Benton             | 0          | 16                      | 167         | 0                      | 4                         | 7          | 16          | 0                          | 1           | 2                      | 6                        | 0           | 1          | 0        | 0             | 0           | 1            | 1         | 1                        | 45         | 0              | 10            | 4           | 0              | 1            | 0                            | 1         | 0           |   |
| Clackamas          | 12         | 62                      | 602         | 8                      | 10                        | 46         | 95          | 4                          | 4           | 11                     | 30                       | 4           | 13         | 0        | 5             | 1           | 1            | 0         | 6                        | 36         | 0              | 43            | 7           | 5              | 4            | 1                            | 0         | 3           |   |
| Clatsop            | 0          | 3                       | 84          | 1                      | 4                         | 6          | 5           | 0                          | 0           | 1                      | 4                        | 0           | 4          | 0        | 0             | 2           | 0            | 0         | 2                        | 9          | 0              | 4             | 1           | 0              | 2            | 0                            | 0         | 0           |   |
| Columbia           | 1          | 5                       | 89          | 0                      | 2                         | 6          | 14          | 0                          | 0           | 2                      | 4                        | 0           | 2          | 0        | 0             | 0           | 0            | 0         | 1                        | 1          | 0              | 2             | 0           | 0              | 1            | 0                            | 0         | 0           |   |
| Coos               | 1          | 12                      | 115         | 0                      | 0                         | 9          | 2           | 2                          | 0           | 1                      | 6                        | 0           | 0          | 0        | 0             | 1           | 0            | 0         | 3                        | 5          | 0              | 6             | 0           | 0              | 1            | 0                            | 0         | 1           |   |
| Crook              | 1          | 2                       | 28          | 0                      | 2                         | 0          | 0           | 1                          | 0           | 0                      | 1                        | 0           | 1          | 0        | 0             | 0           | 0            | 0         | 0                        | 1          | 0              | 2             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Curry              | 0          | 3                       | 18          | 0                      | 0                         | 0          | 4           | 0                          | 0           | 1                      | 1                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 10                       | 0          | 0              | 0             | 0           | 0              | 2            | 0                            | 0         | 0           |   |
| Deschutes          | 2          | 33                      | 300         | 0                      | 63                        | 13         | 8           | 2                          | 0           | 5                      | 6                        | 1           | 8          | 0        | 0             | 0           | 1            | 1         | 0                        | 23         | 0              | 12            | 2           | 1              | 0            | 2                            | 0         | 0           |   |
| Douglas            | 0          | 14                      | 132         | 0                      | 1                         | 19         | 10          | 0                          | 3           | 0                      | 9                        | 0           | 1          | 0        | 0             | 0           | 0            | 0         | 1                        | 3          | 0              | 0             | 9           | 26             | 0            | 1                            | 0         | 0           |   |
| Gilliam            | 0          | 0                       | 0           | 0                      | 0                         | 0          | 1           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 0                        | 0          | 0              | 0             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Grant              | 0          | 0                       | 8           | 0                      | 0                         | 0          | 0           | 0                          | 0           | 0                      | 0                        | 0           | 2          | 0        | 0             | 0           | 0            | 0         | 0                        | 0          | 0              | 0             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Harney             | 0          | 3                       | 5           | 0                      | 2                         | 0          | 0           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 0                        | 0          | 0              | 2             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Hood River         | 0          | 3                       | 29          | 0                      | 0                         | 3          | 1           | 0                          | 0           | 0                      | 2                        | 0           | 4          | 0        | 0             | 0           | 2            | 0         | 0                        | 5          | 0              | 1             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Jackson            | 5          | 25                      | 515         | 32                     | 1                         | 15         | 62          | 5                          | 2           | 8                      | 9                        | 4           | 4          | 0        | 0             | 0           | 4            | 0         | 6                        | 21         | 4              | 21            | 12          | 2              | 2            | 0                            | 1         | 0           |   |
| Jefferson          | 1          | 8                       | 83          | 0                      | 3                         | 1          | 14          | 1                          | 0           | 0                      | 2                        | 0           | 3          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 0              | 2             | 0           | 0              | 2            | 0                            | 0         | 0           |   |
| Josephine          | 3          | 13                      | 148         | 1                      | 0                         | 12         | 13          | 1                          | 2           | 6                      | 6                        | 1           | 2          | 0        | 1             | 1           | 3            | 0         | 3                        | 9          | 0              | 7             | 1           | 1              | 0            | 0                            | 0         | 0           |   |
| Klamath            | 1          | 21                      | 93          | 0                      | 1                         | 3          | 4           | 0                          | 0           | 0                      | 2                        | 0           | 2          | 1        | 0             | 0           | 0            | 1         | 2                        | 5          | 0              | 4             | 2           | 0              | 0            | 0                            | 0         | 0           |   |
| Lake               | 0          | 3                       | 3           | 0                      | 0                         | 0          | 0           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 0              | 0             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Lane               | 6          | 72                      | 891         | 4                      | 17                        | 36         | 63          | 4                          | 7           | 12                     | 31                       | 0           | 15         | 0        | 0             | 1           | 0            | 0         | 6                        | 120        | 2              | 52            | 4           | 3              | 4            | 0                            | 1         | 1           |   |
| Lincoln            | 1          | 8                       | 100         | 0                      | 0                         | 6          | 7           | 0                          | 1           | 3                      | 3                        | 0           | 2          | 0        | 0             | 0           | 0            | 0         | 0                        | 27         | 0              | 4             | 1           | 0              | 0            | 0                            | 0         | 0           |   |
| Linn               | 3          | 21                      | 194         | 0                      | 4                         | 5          | 24          | 6                          | 3           | 7                      | 8                        | 0           | 3          | 1        | 0             | 0           | 0            | 1         | 1                        | 21         | 0              | 7             | 6           | 0              | 0            | 0                            | 0         | 0           |   |
| Malheur            | 0          | 11                      | 78          | 1                      | 1                         | 1          | 2           | 0                          | 1           | 1                      | 4                        | 0           | 2          | 0        | 0             | 0           | 0            | 0         | 0                        | 0          | 0              | 5             | 1           | 0              | 0            | 0                            | 0         | 4           | 0 |
| Marion             | 18         | 47                      | 864         | 2                      | 10                        | 28         | 116         | 10                         | 4           | 8                      | 35                       | 0           | 14         | 1        | 1             | 2           | 1            | 0         | 2                        | 113        | 0              | 36            | 18          | 3              | 18           | 0                            | 1         | 0           |   |
| Morrow             | 0          | 1                       | 19          | 1                      | 0                         | 0          | 0           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 3              | 0             | 0           | 0              | 0            | 0                            | 0         | 1           |   |
| Multnomah          | 63         | 129                     | 2869        | 13                     | 9                         | 108        | 886         | 10                         | 12          | 16                     | 126                      | 6           | 176        | 0        | 5             | 1           | 2            | 6         | 9                        | 87         | 0              | 79            | 19          | 37             | 40           | 1                            | 0         | 7           |   |
| Polk               | 1          | 8                       | 91          | 0                      | 4                         | 6          | 15          | 0                          | 1           | 2                      | 4                        | 2           | 1          | 0        | 0             | 0           | 0            | 2         | 1                        | 1          | 16             | 1             | 10          | 2              | 0            | 3                            | 0         | 0           |   |
| Sherman            | 0          | 0                       | 3           | 0                      | 0                         | 0          | 1           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 0                        | 0          | 0              | 0             | 0           | 0              | 0            | 0                            | 0         | 1           |   |
| Tillamook          | 0          | 5                       | 25          | 1                      | 1                         | 6          | 2           | 0                          | 0           | 0                      | 1                        | 0           | 0          | 0        | 0             | 0           | 2            | 0         | 0                        | 0          | 0              | 4             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Umatilla           | 0          | 11                      | 196         | 0                      | 1                         | 6          | 4           | 0                          | 1           | 0                      | 3                        | 0           | 1          | 0        | 0             | 0           | 0            | 0         | 3                        | 0          | 12             | 2             | 0           | 0              | 0            | 0                            | 0         | 1           |   |
| Union              | 1          | 4                       | 45          | 0                      | 1                         | 0          | 2           | 0                          | 0           | 0                      | 1                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 3              | 1             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Wallowa            | 1          | 0                       | 9           | 0                      | 0                         | 0          | 0           | 0                          | 0           | 0                      | 0                        | 0           | 0          | 0        | 0             | 0           | 0            | 0         | 1                        | 0          | 0              | 0             | 0           | 0              | 0            | 0                            | 0         | 0           |   |
| Wasco              | 2          | 2                       | 39          | 0                      | 0                         | 2          | 2           | 0                          | 0           | 0                      | 2                        | 0           | 3          | 0        | 0             | 0           | 0            | 0         | 3                        | 0          | 5              | 3             | 1           | 0              | 0            | 0                            | 0         | 0           |   |
| Washington         | 32         | 81                      | 998         | 5                      | 7                         | 67         | 169         | 6                          | 6           | 9                      | 95                       | 0           | 30         | 2        | 3             | 2           | 1            | 1         | 5                        | 47         | 0              | 53            | 15          | 4              | 17           | 2                            | 0         | 1           |   |
| Wheeler            | 0          | 0                       | 1           | 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           | 0 |
| Yamhill            | 0          | 20                      | 153         | 0                      | 1                         | 6          | 20          | 2                          | 2           | 6                      | 6                        | 0           | 2          | 1        | 0             | 0           | 1            | 0         | 3                        | 12         | 1              | 11            | 0           | 0              | 2            | 0                            | 0         | 1           |   |
| <b>Grand Total</b> | <b>155</b> | <b>646</b>              | <b>9018</b> | <b>69</b>              | <b>149</b>                | <b>419</b> | <b>1562</b> | <b>54</b>                  | <b>50</b>   | <b>101</b>             | <b>407</b>               | <b>19</b>   | <b>296</b> | <b>6</b> | <b>15</b>     | <b>11</b>   | <b>21</b>    | <b>13</b> | <b>56</b>                | <b>623</b> | <b>8</b>       | <b>409</b>    | <b>127</b>  | <b>57</b>      | <b>101</b>   | <b>6</b>                     | <b>8</b>  | <b>17</b>   |   |