



# Madingitis bucktosis



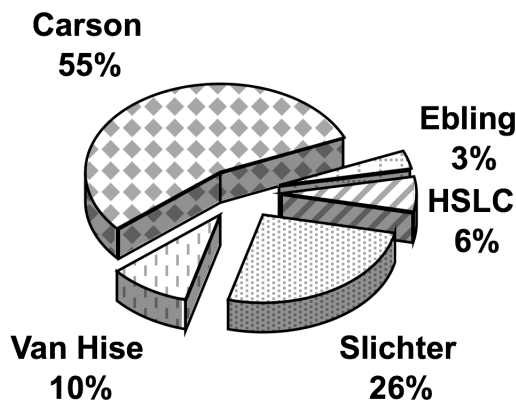
## ◆ **Madhouse Virus** ◆ July 8, 2005 ◆

*Madingitis bucktosis*, also known as the Madhouse virus, is a disease that affects students on college campuses. It is spread by touching, kissing, sharing everyday objects, and being in close proximity for an extended time with other people infected with the disease. In order to pass on the disease, you must come into close contact with another person.

### **JULY 14, 2005 UPDATE**

This week there were 3 new cases of the Madhouse virus developing on campus. A slightly higher percentage of reported cases were male, 45%, while only 55% of infected cases were female. 17 people were infected at Carson's, 8 at Slichter, 3 at HSLC, and 3 people at Van Hise. The locations where infections have occurred to date are shown in the chart below.

### **Where Infected**



THE UNIVERSITY  
of  
**WISCONSIN**  
MADISON

#### **Health Investigators**

Fatima Arenas

Jae Chang

Natalie Gandolfo

Jake Hagenbucher

Mai Chou Lor

Kim-Anthony Robinson

Brandee Roberts

*Project Director:*  
Dr. Andrew Petto

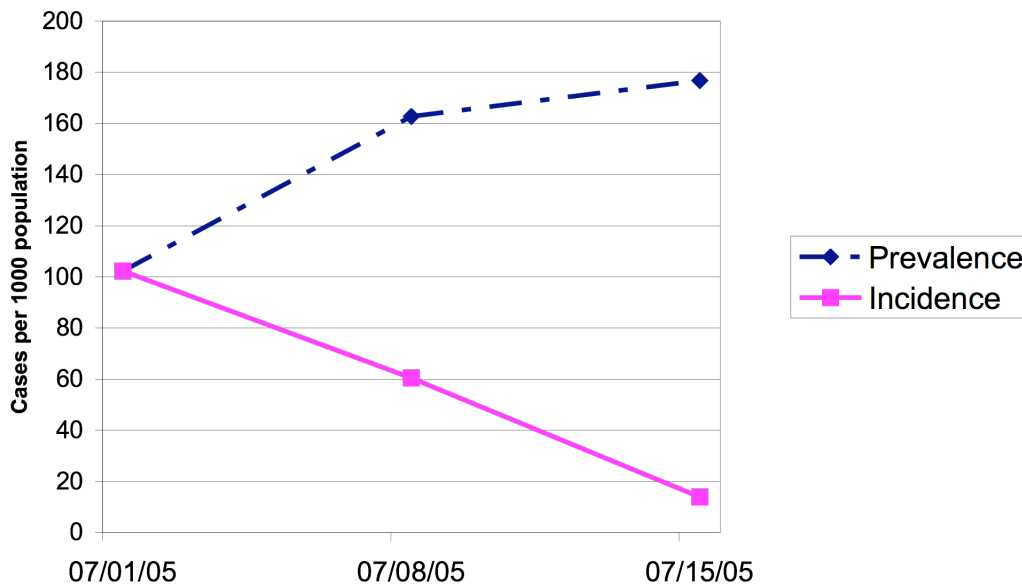
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## Weekly Update

### INFECTION RATES

With new data from our weekly surveillance, we calculated the prevalence rate (the level of ongoing infection) and the incidence rate (the level of new infections each week).

**Infection Rates of Madhouse Virus**



The Madhouse virus confers only short-term immunity, but it appears that the rate of new infections has slowed considerably in the 3 weeks we have been tracking the epidemic.

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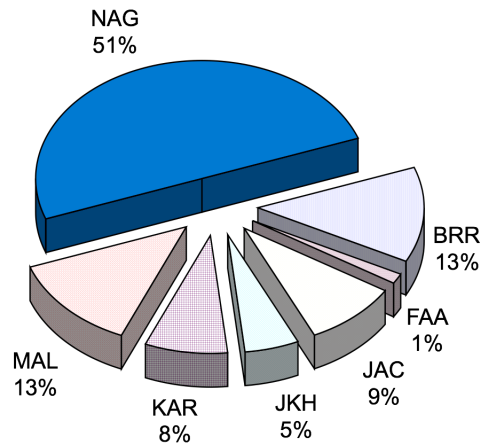
## New Infections

In order to understand this disease better, we wanted to examine new infections to determine if there were any significant patterns to the appearance of new cases.

## Infections by Strain

We recognize 7 strains of this virus, and they appear to differ significantly in virulence. This chart shows the proportion of total infections caused by each strain.

**Percent Infections Due to Strains**



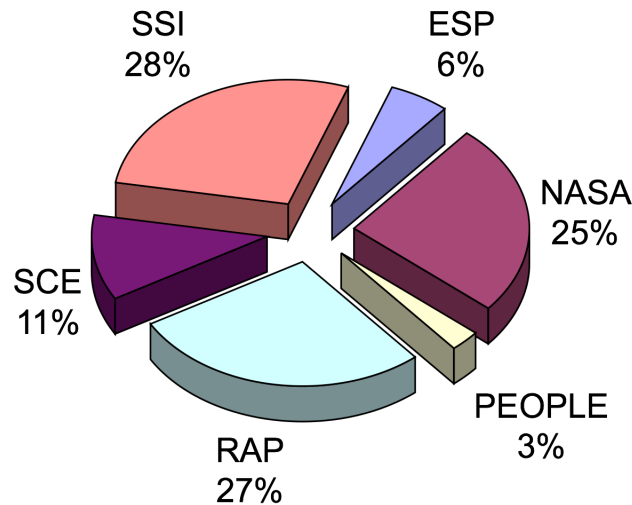
## Demographics of Infections by Program and Sex

It also appears that individuals in some programs are at a higher risk than others for infection. The chart shows the infection rates by program.

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## Percent New Infections by Program



This table shows the infection rates by sex and program participation.

Program	Male	Female	Total
ESP	2	0	2
NASA	7	3	10
PEOPLE	0	1	1
RAP	7	3	10
SCE	1	3	4
SSI	2	8	10
<b>Total</b>	<b>19</b>	<b>18</b>	<b>37</b>

Please check our website for updates  
[http://www.cs.wisc.edu/~lharris/NASA\\_RAP/Madhouse.html](http://www.cs.wisc.edu/~lharris/NASA_RAP/Madhouse.html)