















To bring it all together, these wonderful tools and methods:

- Excel formatting
- ArcGIS table joining
- Landcover reclassify
- DEM reclassify
- Waterbodies Clip by County
- Identity
- Summary Statistics
- Union
- Statistical Clustering Analysis



Total Infections for 2007							
2007 Infections	Dead Bird	Human	Mosquito	Sentinel	Veterinary	То	
Idaho	15	132	18	0	16		
Oregon	55	26	28	12	17		
Washington	1	0	0	0	9		
Study Area Total	71	158	46	12	42	:	















West Nile Clustering Results (Moran's I)

Infection	Index	Z Score	Interpretation- Clustering due to:
Dead Bird	-0.02	0.19	random
Human	0.03	1.82	5-10% liklihood that this clustered pattern is the result of random chance
Mosquito	0.02	2.04	5% likelihood that this clustered pattern is the result of random chance
Sentinel	-0.01	1.11	random
Veterinary	-0.04	-0.51	random

























 How does this analysis relate to previous years?

 Source of error (of many): Collection of infections, voluntary basis only and related to population and size of each county





