

Bed Bugs

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Bed Bug Classification

Kingdom – Animalia
Phylum – Arthropoda
Class – Insecta
Order – Hemiptera
Family – Cimicidae
Genus – *Cimex*
Species - *lectularius*

Bed Bugs

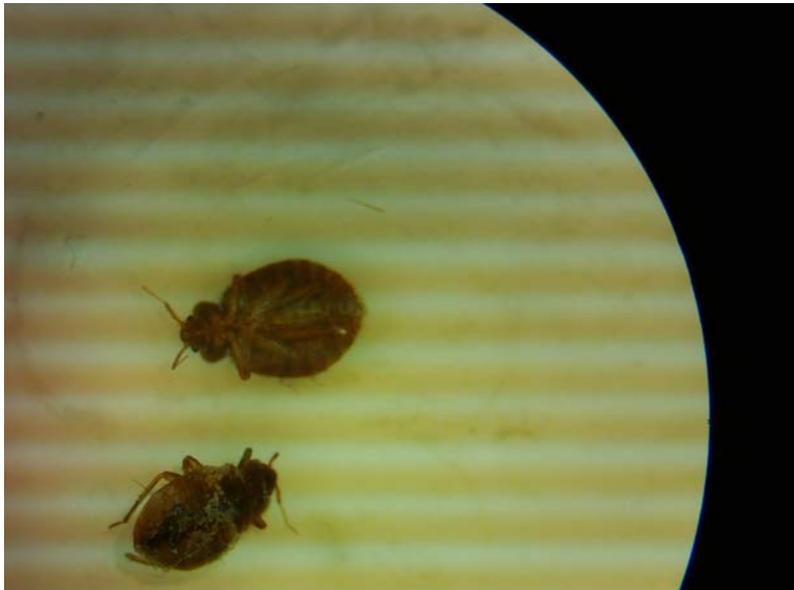


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The Two Most Important Things...

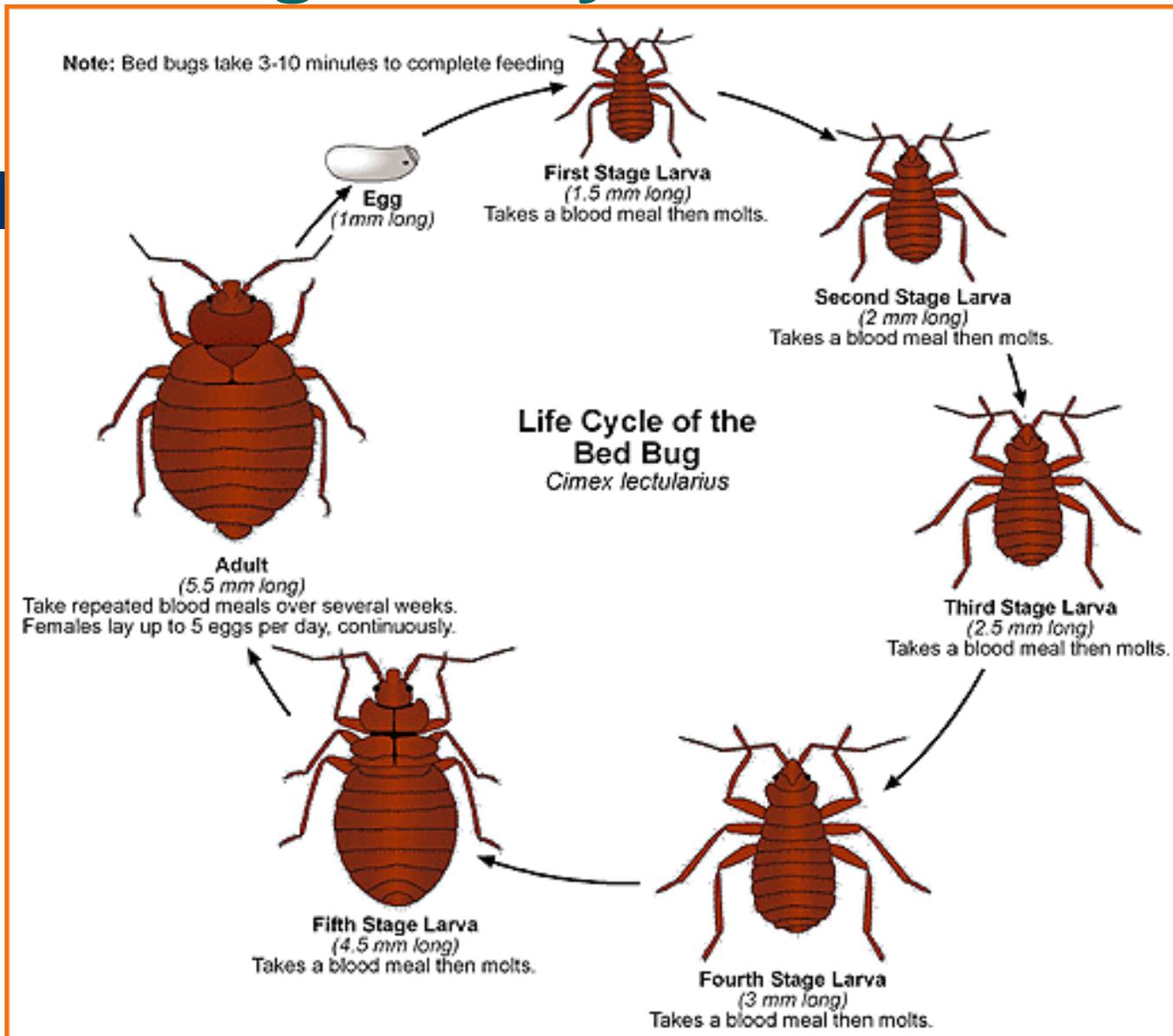
- Bed bugs do not transmit diseases
- Bed bugs are not related to cleanliness

Bed Bugs



- Brown, Flat Bugs
- $\frac{1}{4}$ to $\frac{3}{8}$ inch
- Can be Seen
- Feed on Human & Animal Blood
- Turn a Reddish Brown Color after Feeding

Bed Bug Life Cycle



Bed Bug Facts

- Bed bugs can live up to 1 year without feeding
- Bed bugs feed every few days
- Bed bugs can reach maturity in as little as a month
- Females lay hundreds of eggs over their lifetimes
- Bed bugs do not discriminate

Bed Bug Movement

- Used furniture and mattresses
- Apartment to Apartment
- Luggage and other bags
- Hitchhikers
- Travel-hotels, motels and cruise ships
- Birds or bats

**How does a person know if they
have bed bugs?**



Bed Bug Bites



Bed Bug Markings



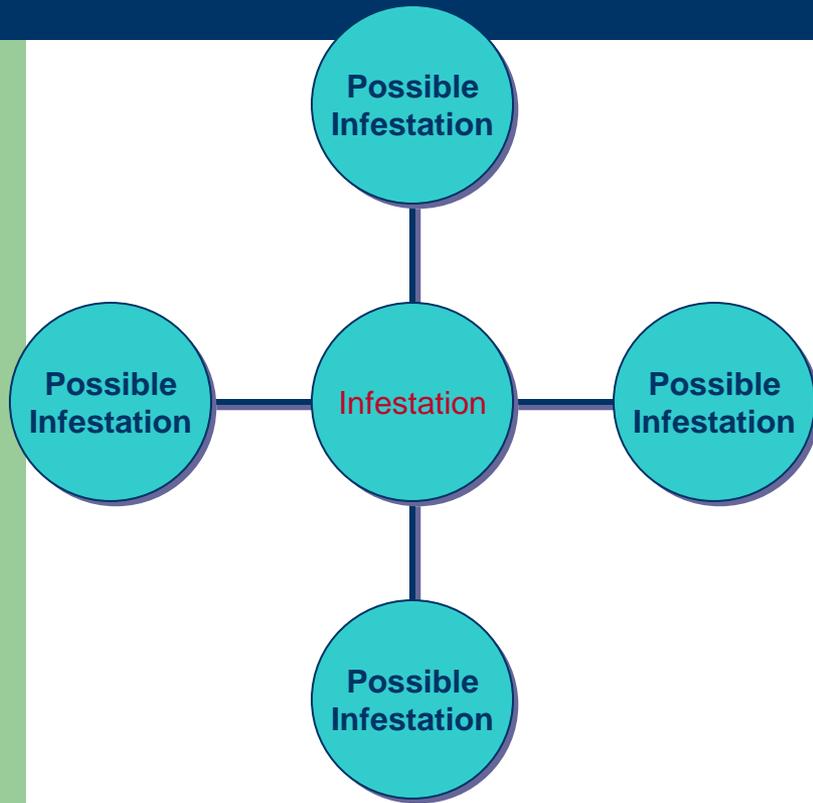
What to do once you have bed bugs...



Extermination

- Use of dogs
- Vikane Gas
- Diatomaceous Earth (DE).
- Steam/Thermal
- Freezing
- Traditional Extermination
 - Pyrethroids

Adjacent Units



Bed Bug Preparation

- Wash all linens, towels, bedding, clothing and other items in hot water above 120 degrees
- Seal in bags or bins all washed items
- Vacuum the unit especially in the bedroom and around the bed
- Throw out the vacuum bag
- Move things away from the walls
- Remove clutter and other unnecessary items
- Talk to the exterminator

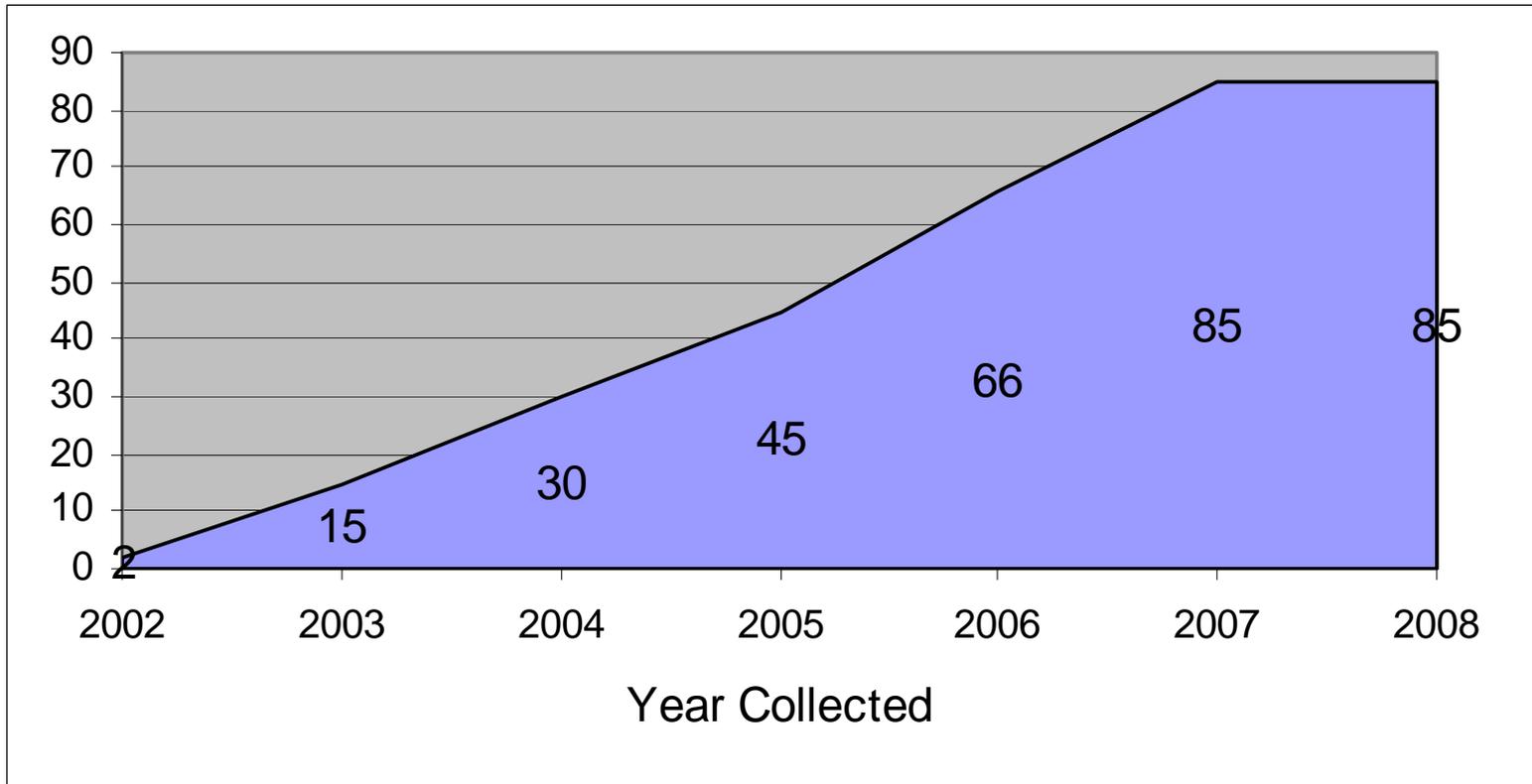
Post Extermination

- Vacate the unit for 4 to 6 hours after treatment
- Follow up treatment 10 to 14 days after initial treatment
- Additional treatments as needed
- Seal all cracks and crevices in the unit
- Seal the mattress and box spring in air tight bags

The Resurgence of Bed Bugs



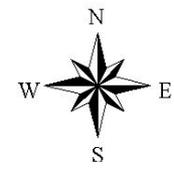
Bed Bug Submissions by Year



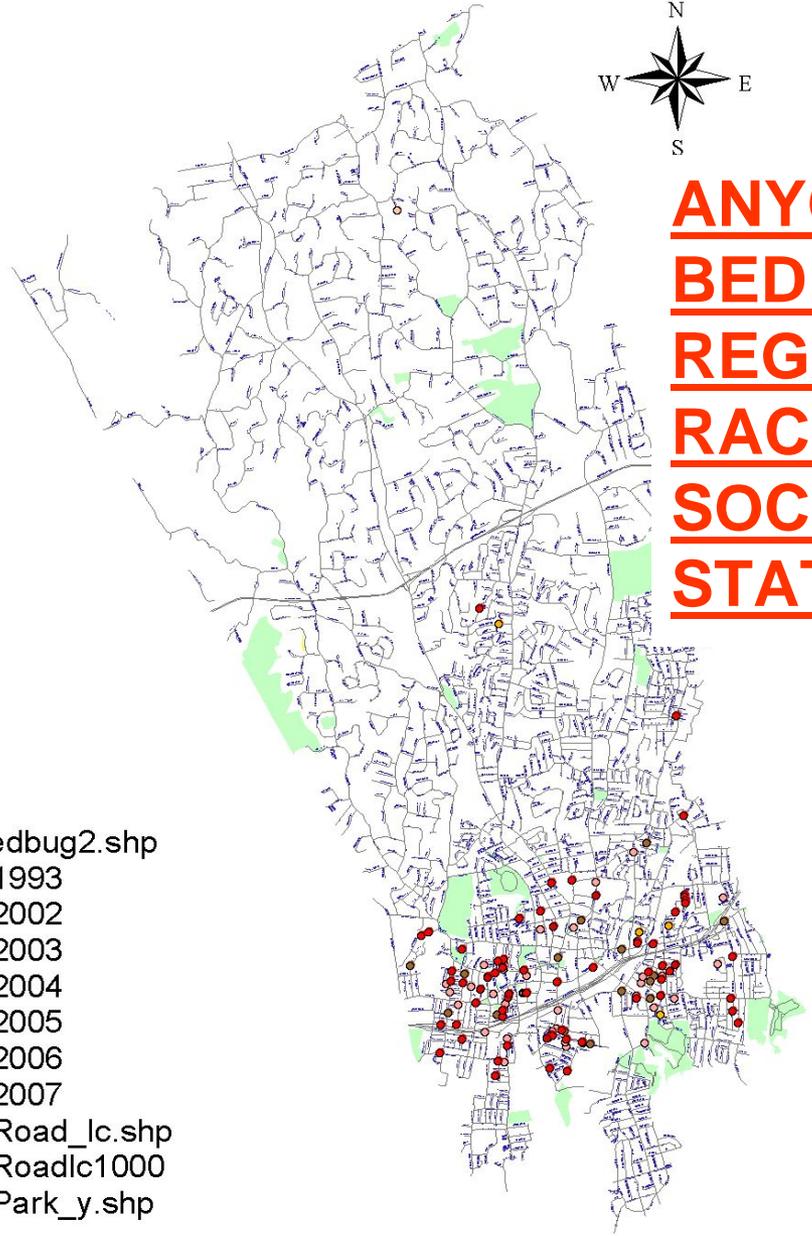
Bed bug Submissions by Year

The Distribution Picture

- Geobedbug2.shp
 - 1993
 - 2002
 - 2003
 - 2004
 - 2005
 - 2006
 - 2007
- ▬ Road_lc.shp
- Text Roadlc1000
- Park_y.shp



**ANYONE CAN GET
BED BUGS
REGARDLESS OF
RACE, AGE, OR
SOCIOECONOMIC
STATUS**



Any Questions?

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