

West Nile virus

Chikungunya

Dengue



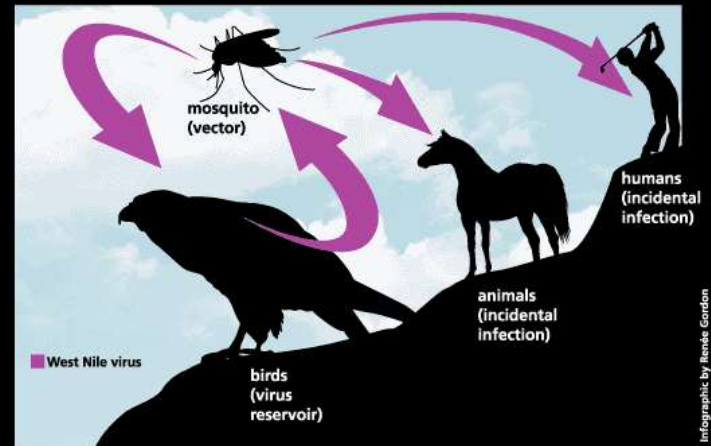
Arbovirus et sécurité
transfusionnelle

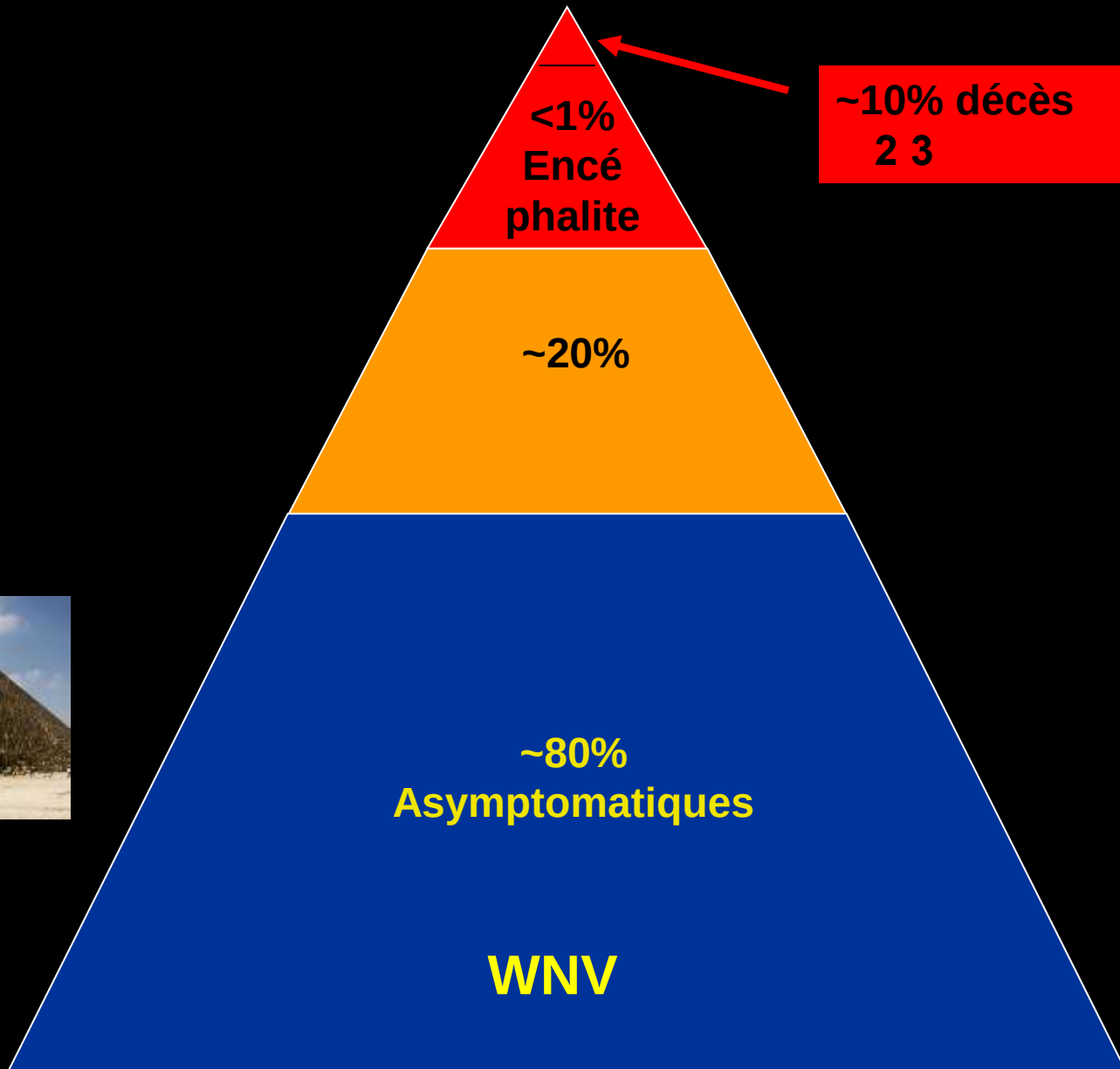
J.-J. Lefrère

CEM 17 Actualités sur les Arboviroses

Institut Pasteur 15 mars 2012

West Nile Virus Transmission Cycle

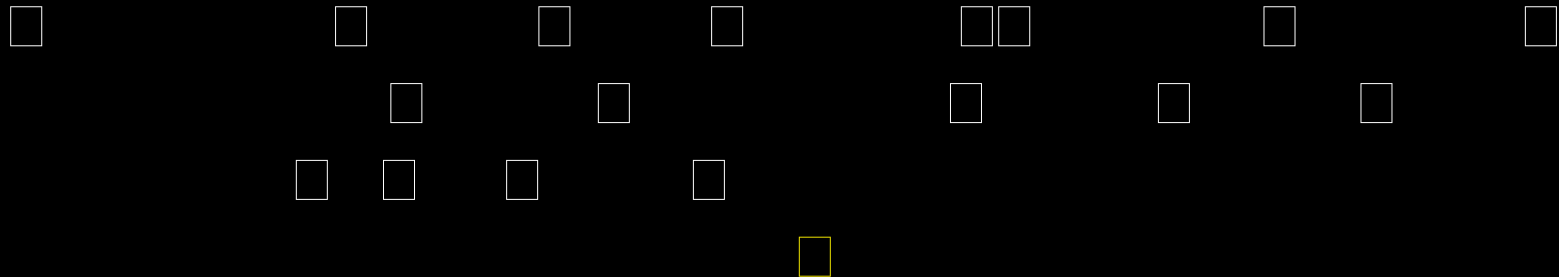




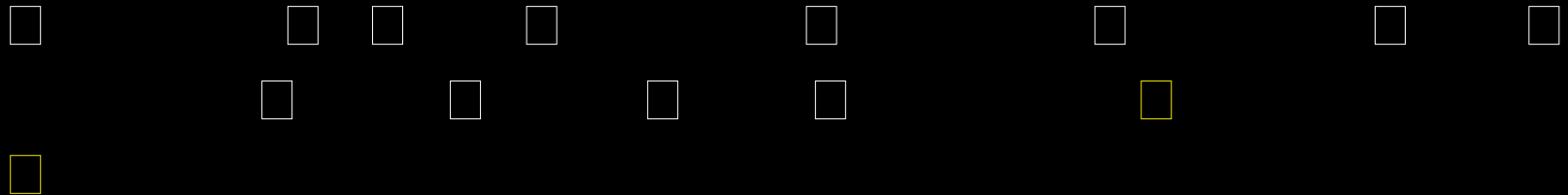
~10% décès
2 3 **+**



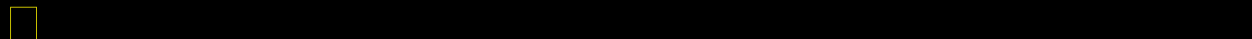
- *Épidémies animales et humaines limitées :*



- *Silence épidémiologique, puis augmentation de la fréquence et du nombre des épidémies :*



- **EMERGENCE**





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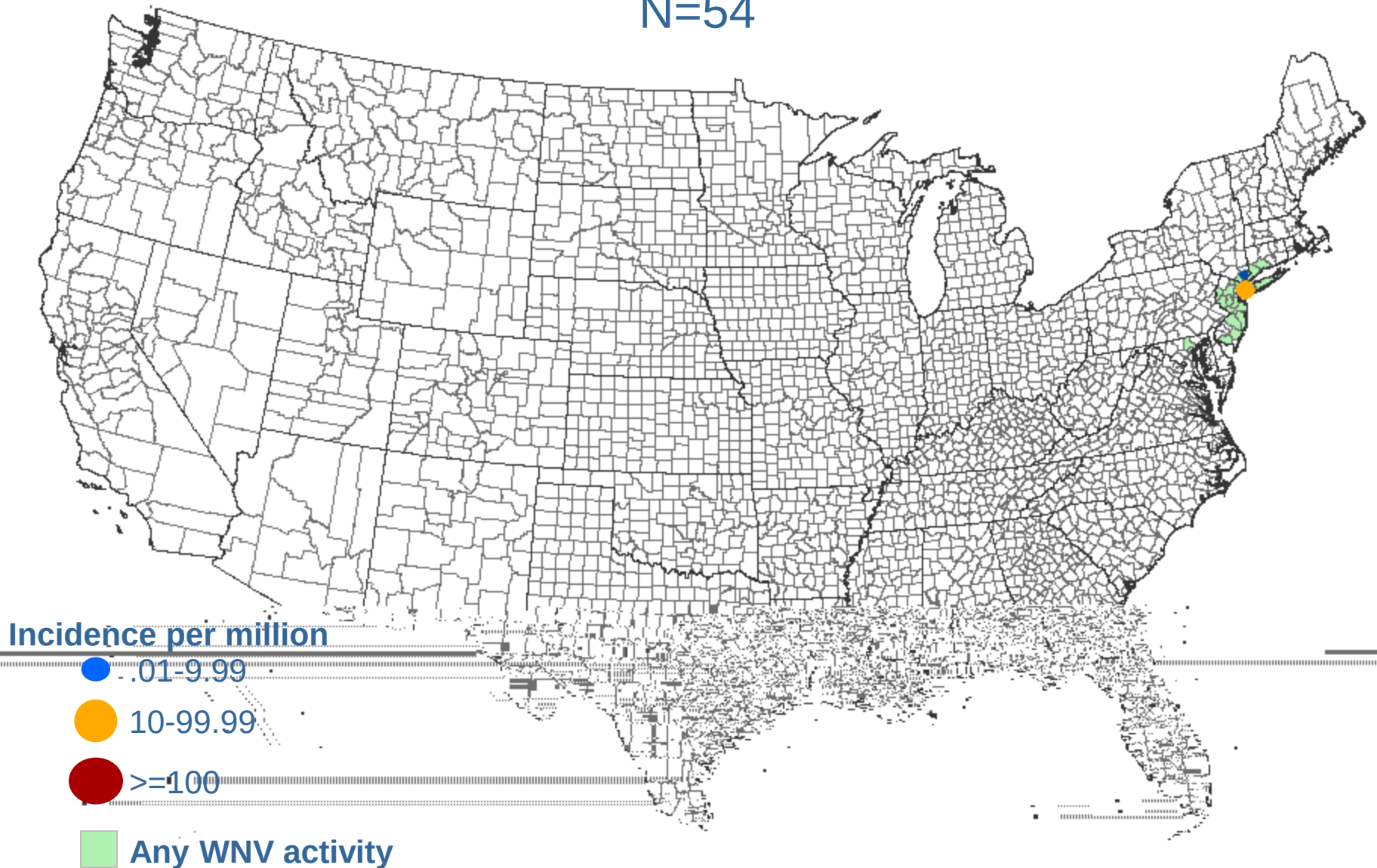


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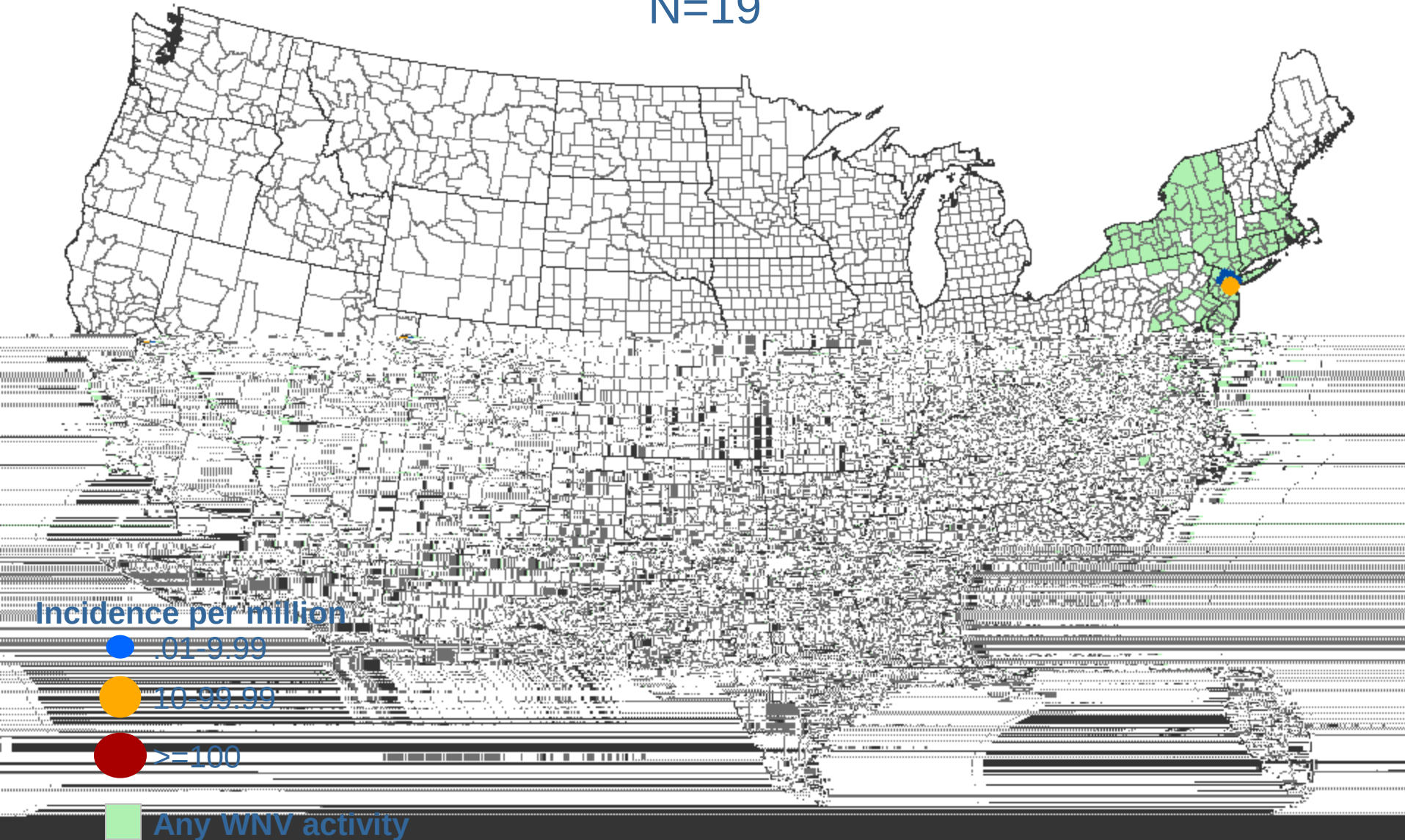
WNV Neuroinvasive Disease Incidence, by County, US, 1999

N=54



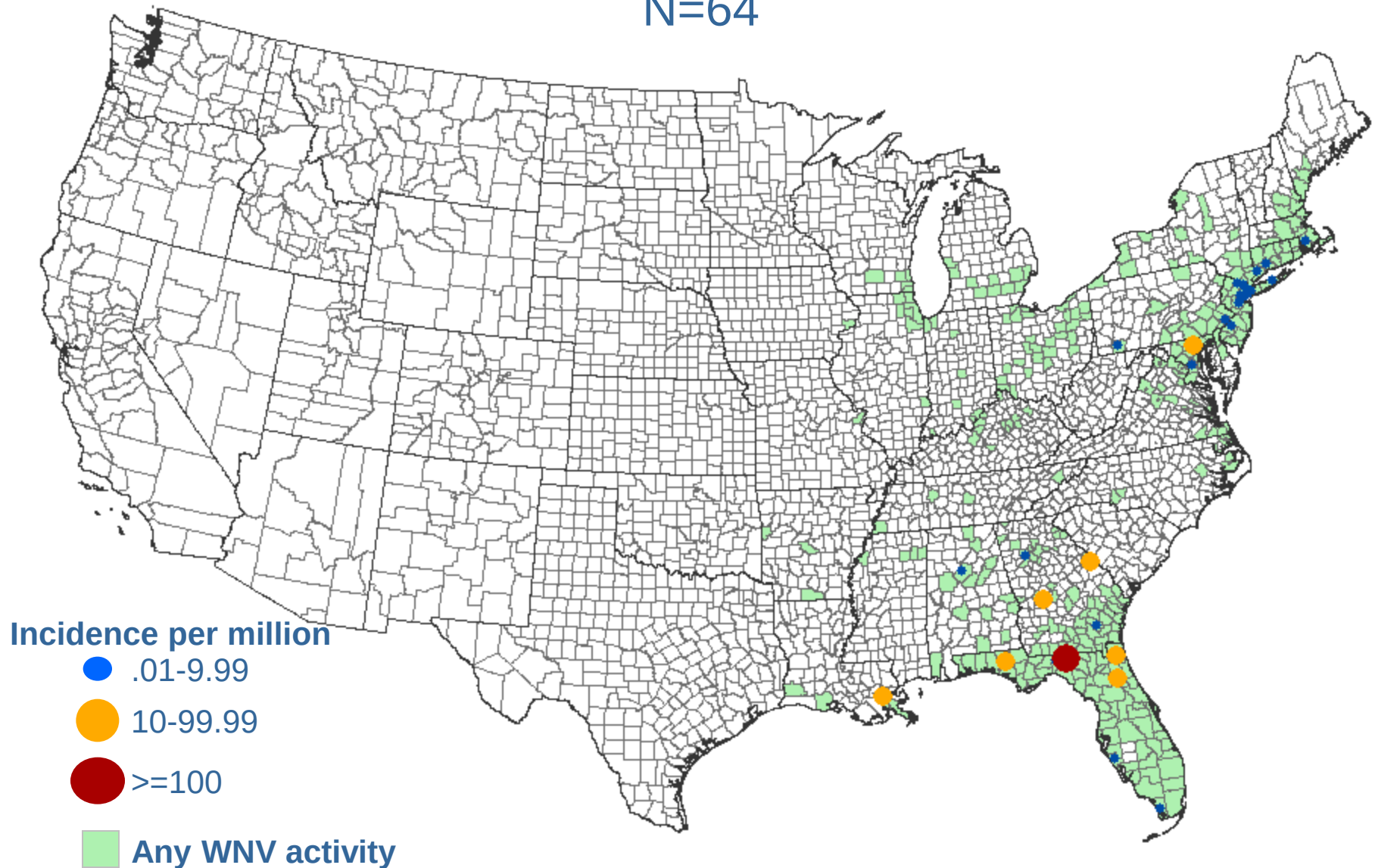
WNV Neuroinvasive Disease Incidence, by County, US, 2000

N=19



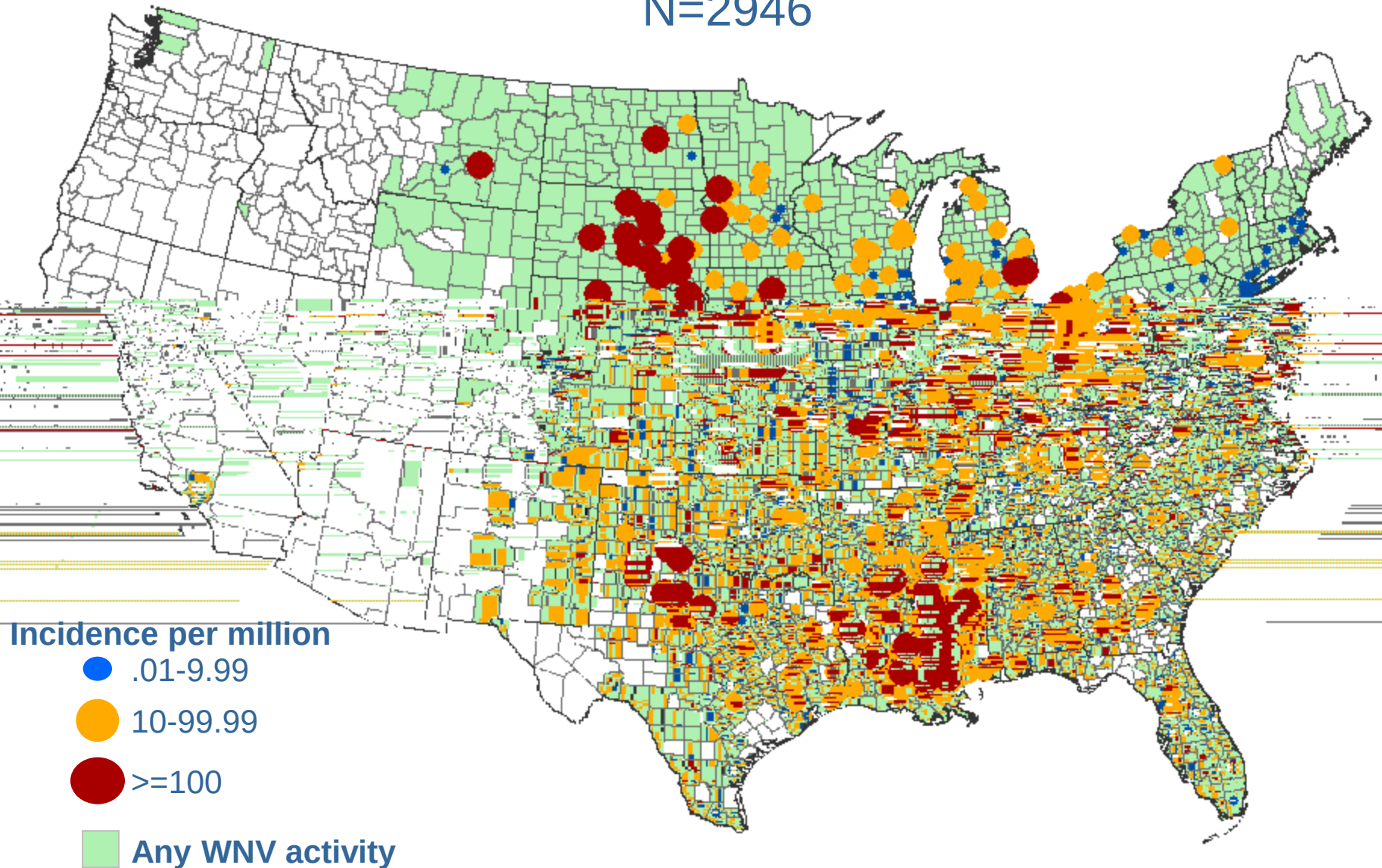
WNV Neuroinvasive Disease Incidence, by County, US, 2001

N=64



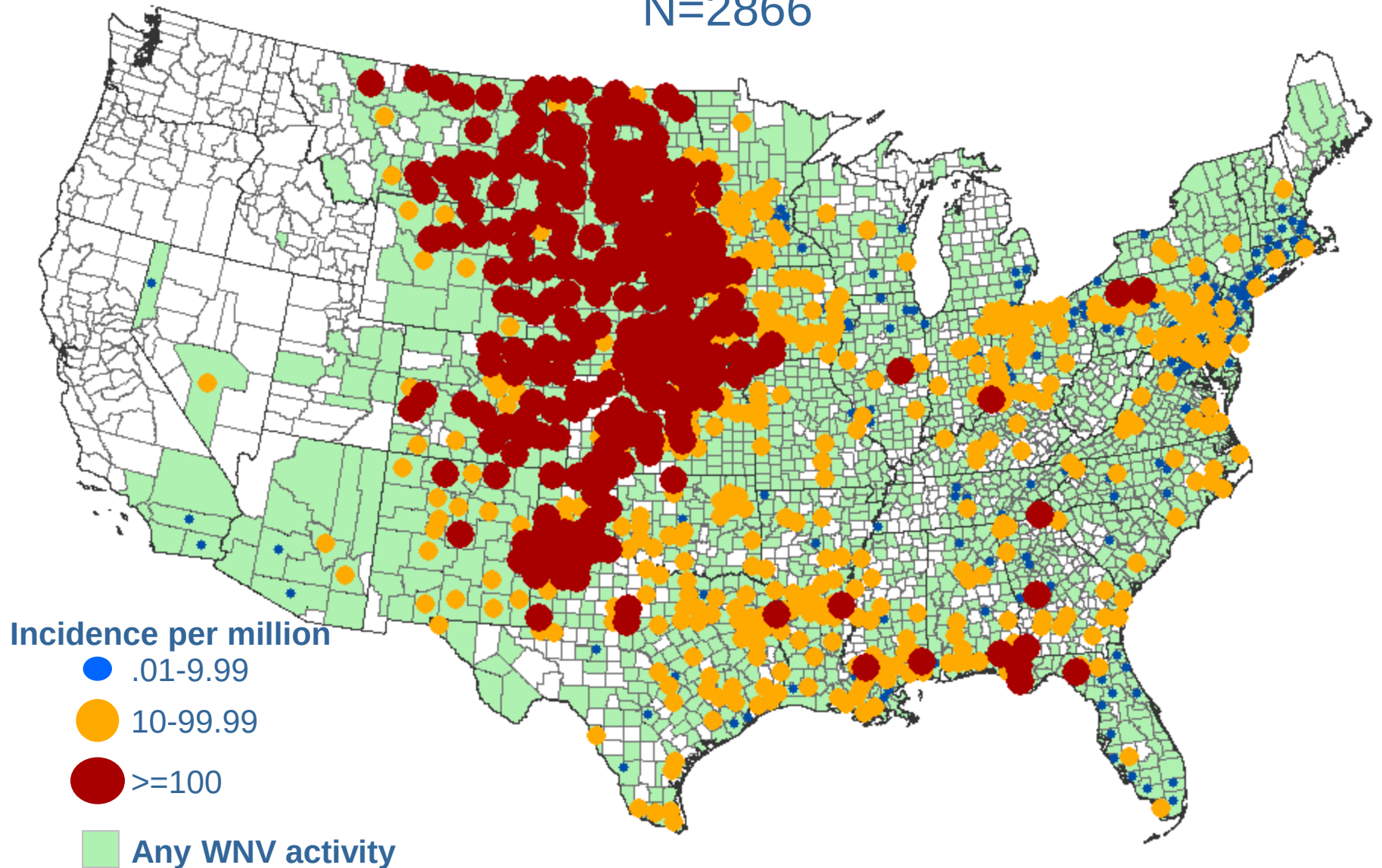
WNV Neuroinvasive Disease Incidence, by County, US, 2002

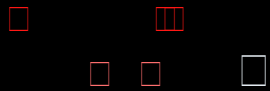
N=2946



WNV Neuroinvasive Disease Incidence, by County, US, 2003

N=2866





1999 : 5 états



2000 : 12 états



2001 : 27 états



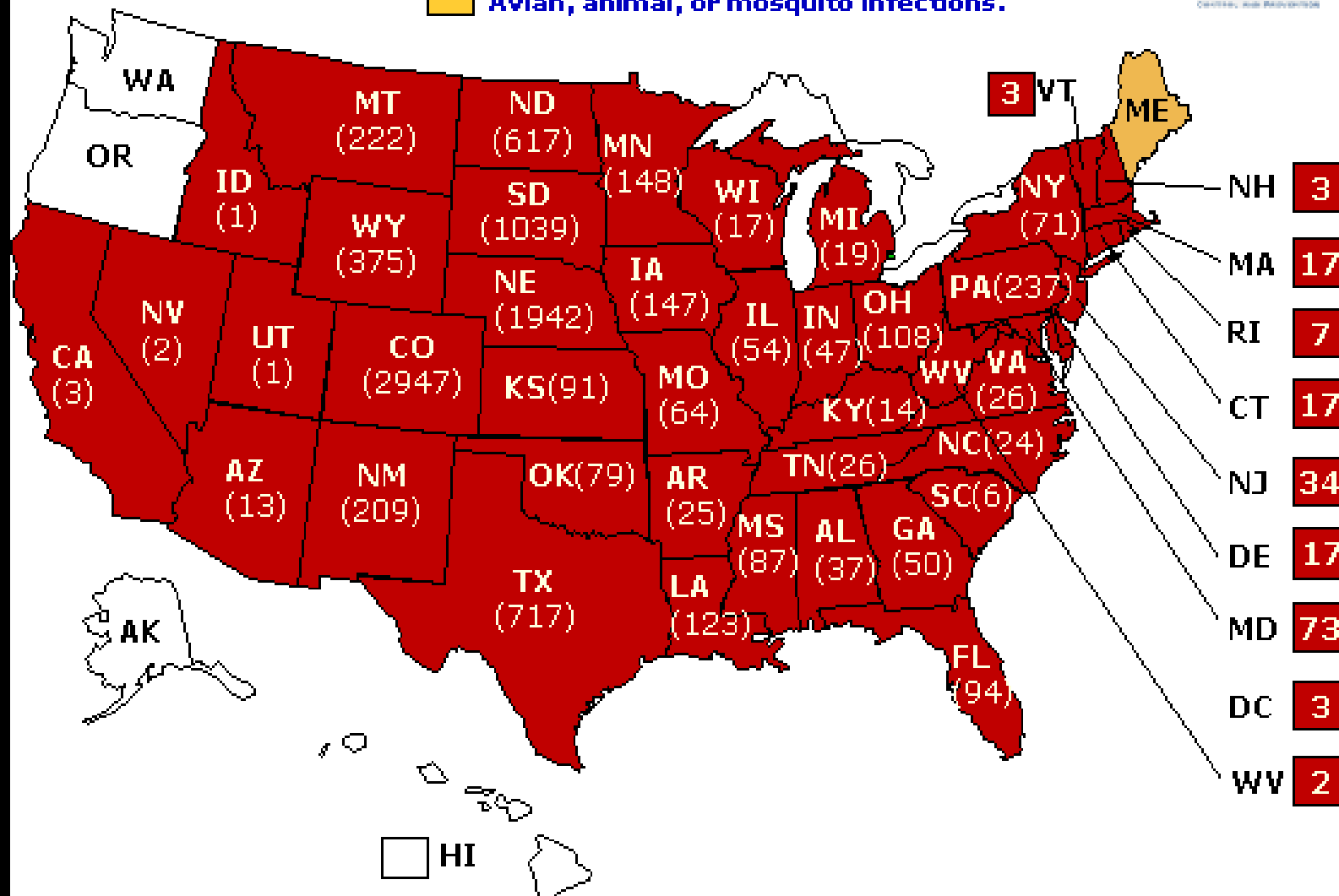
2002 : 44 états



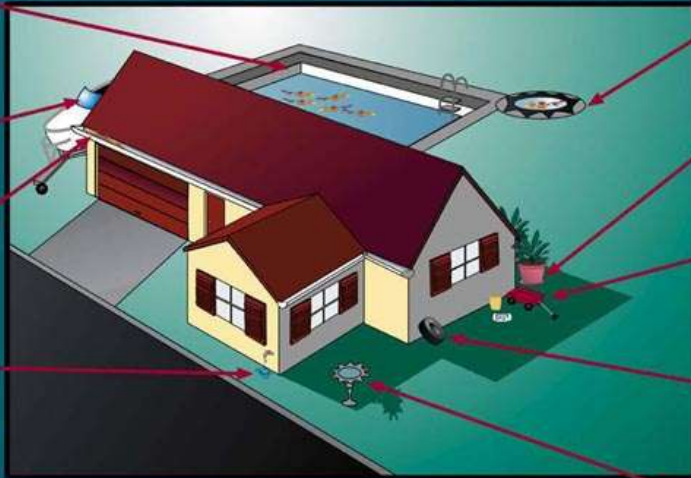
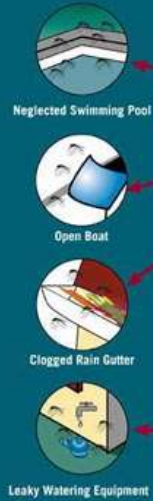


Indicates human disease case(s).

Avian, animal, or mosquito infections.



Prevent the mosquito-borne WEST NILE virus. Eliminate common backyard mosquito breeding sources.



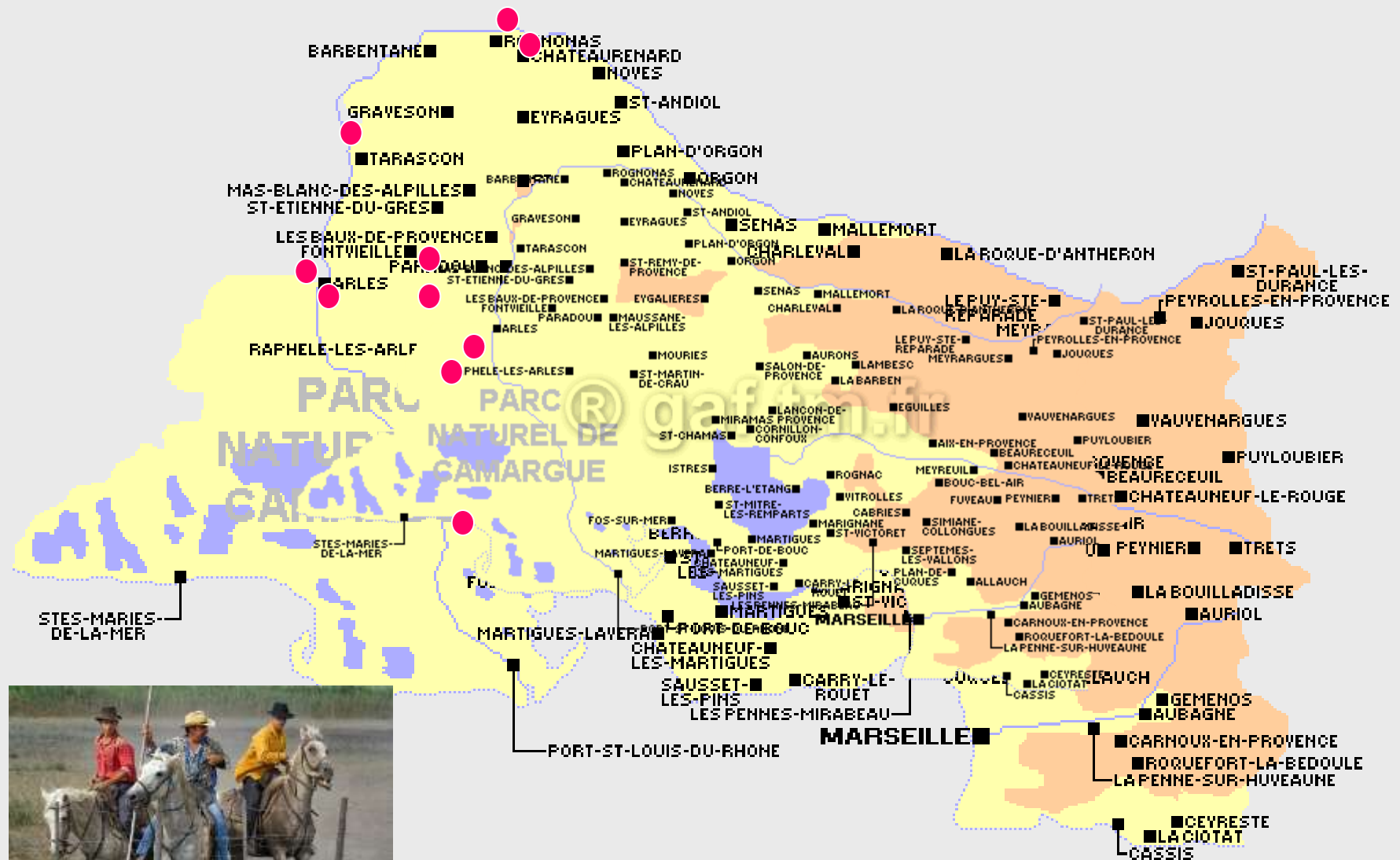
**American
Red Cross**

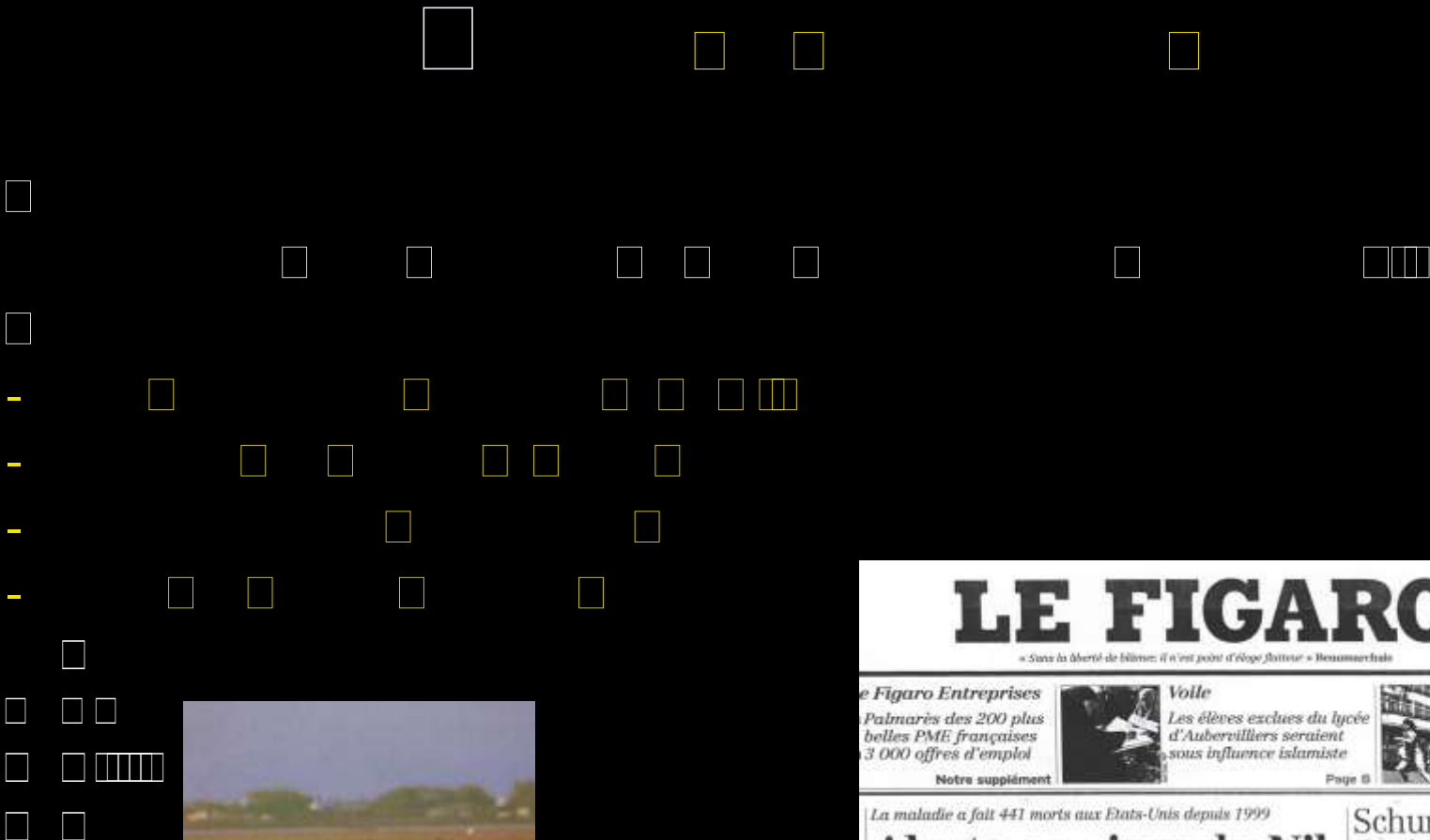
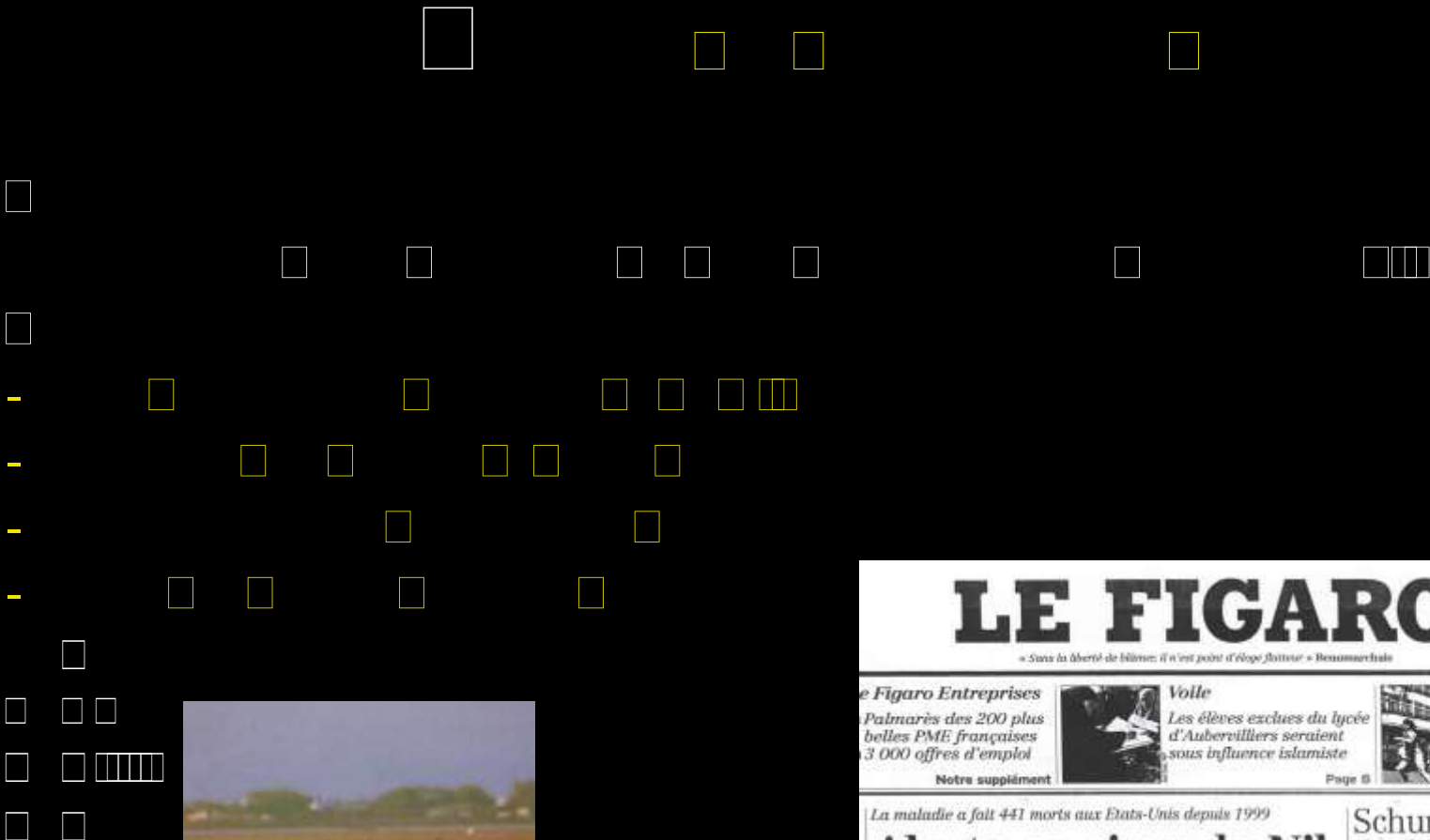
Protect Yourself from Biting Mosquitoes

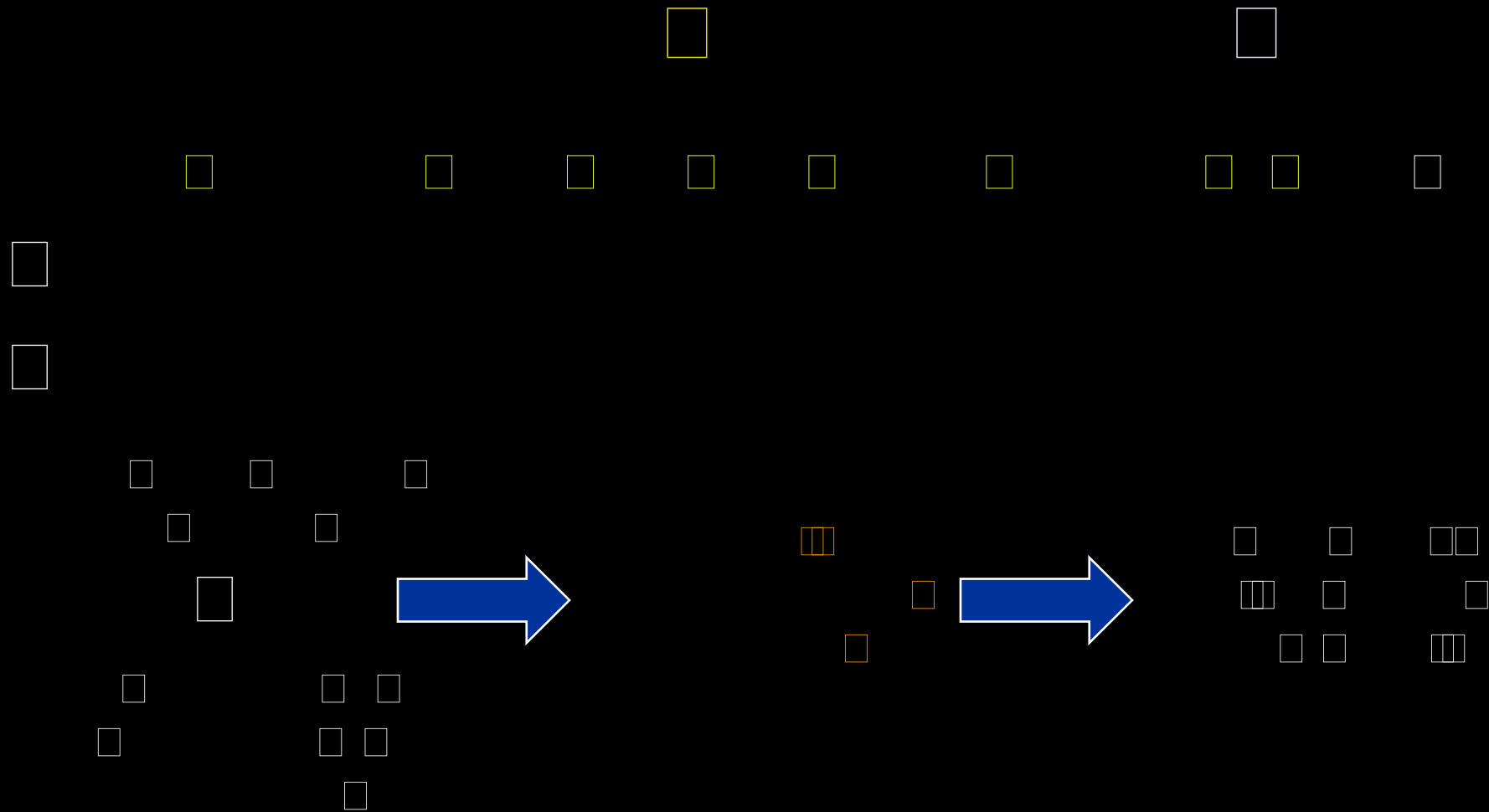
- Wear long, loose and light-colored clothing.
- Use insect repellent with no more than 20-30 percent DEET for adults and less than 10 percent for children.



DONNEURS DE SANG IgG POSITIFS

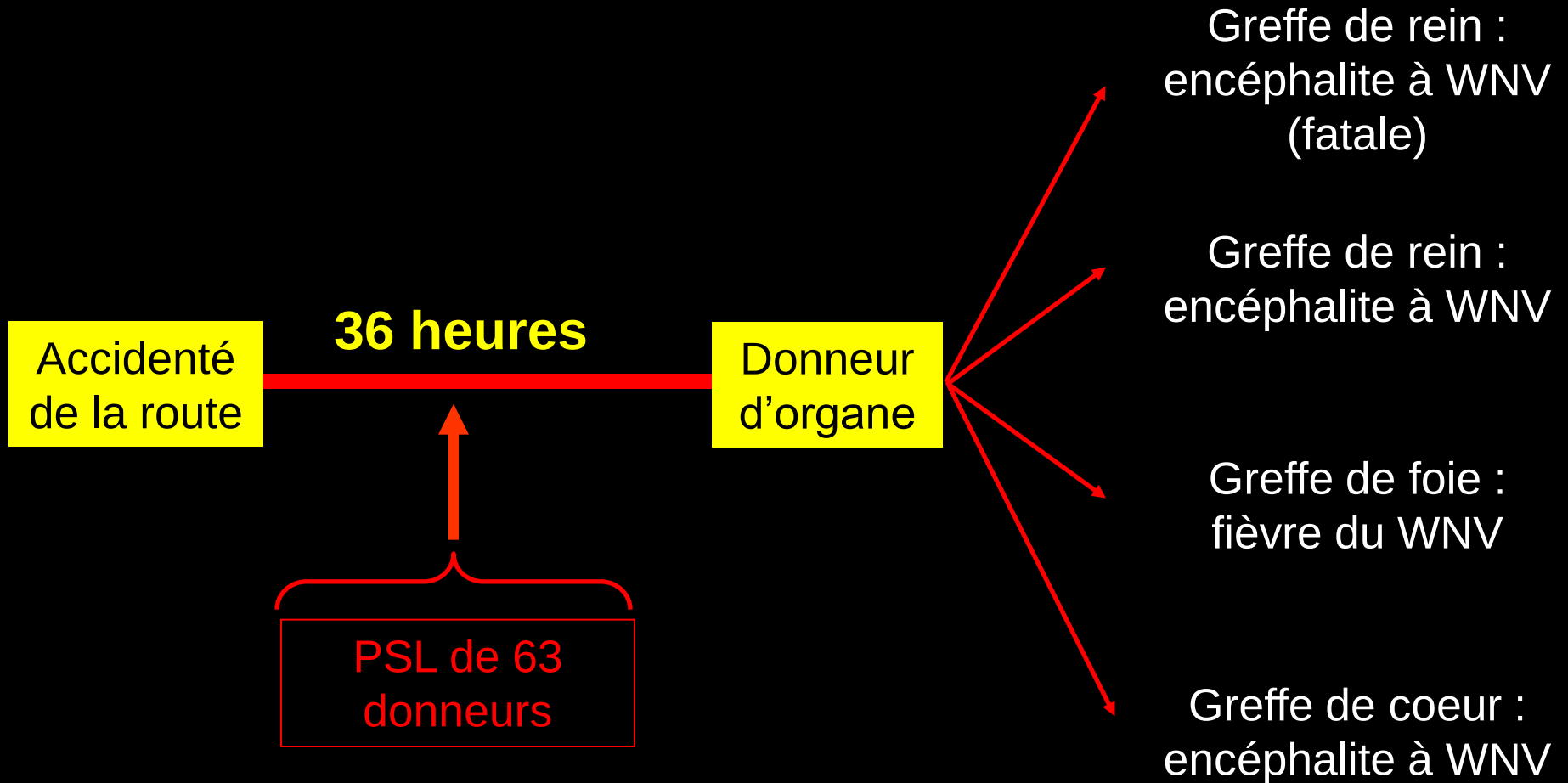






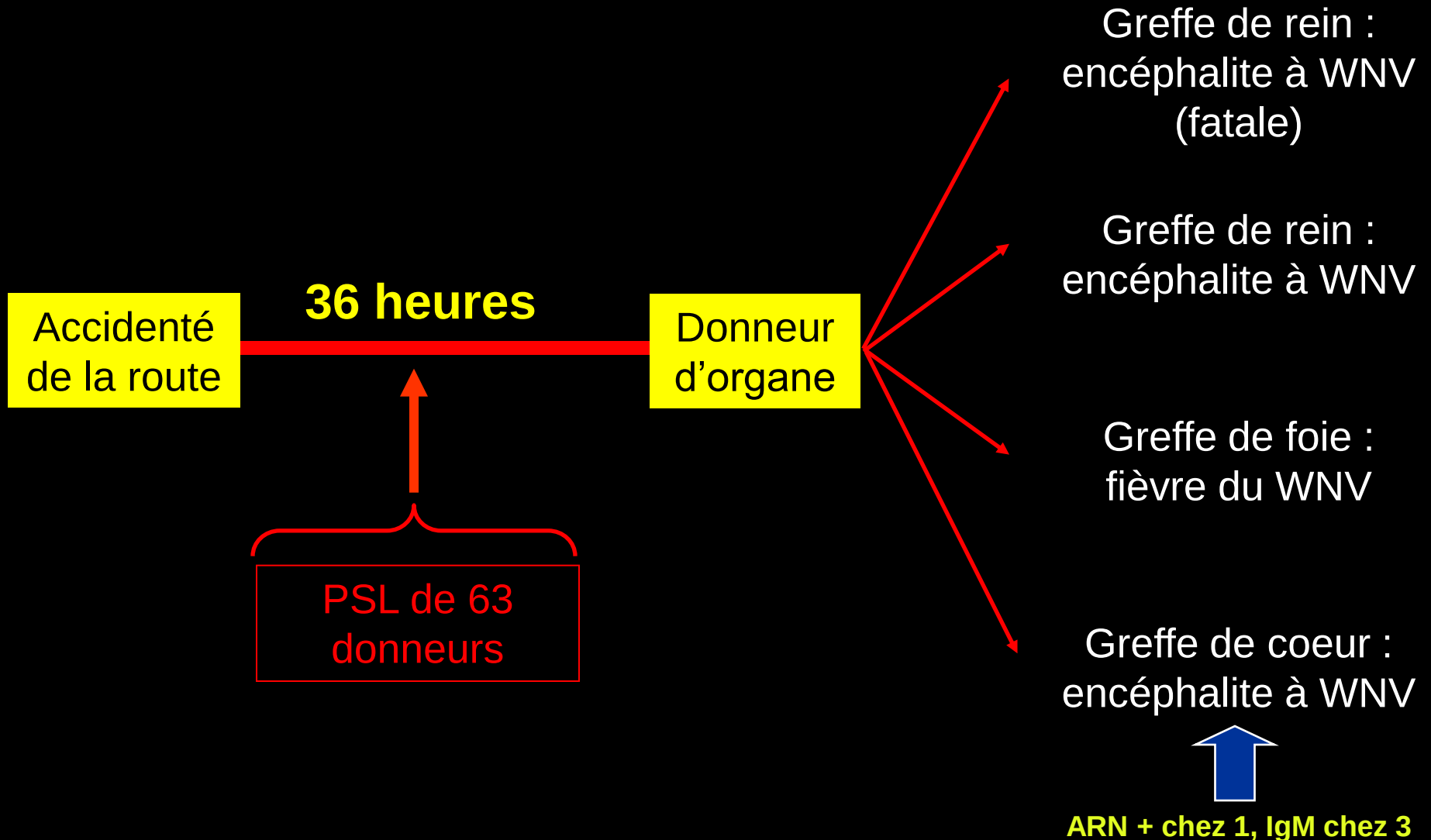
Contamination transfusionnelle et par greffe

Août 2002, USA



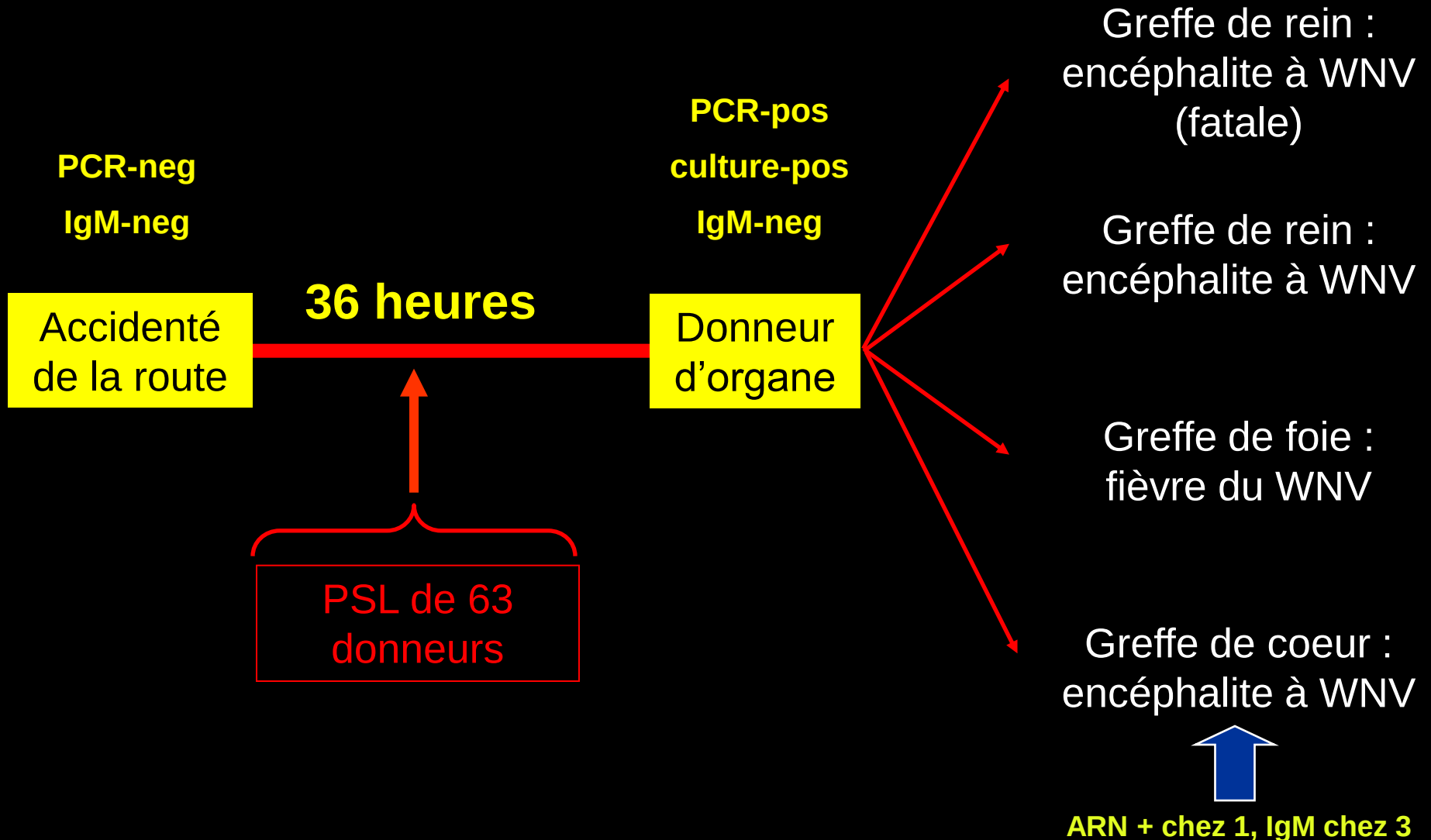
Contamination transfusionnelle et par greffe

Août 2002, USA



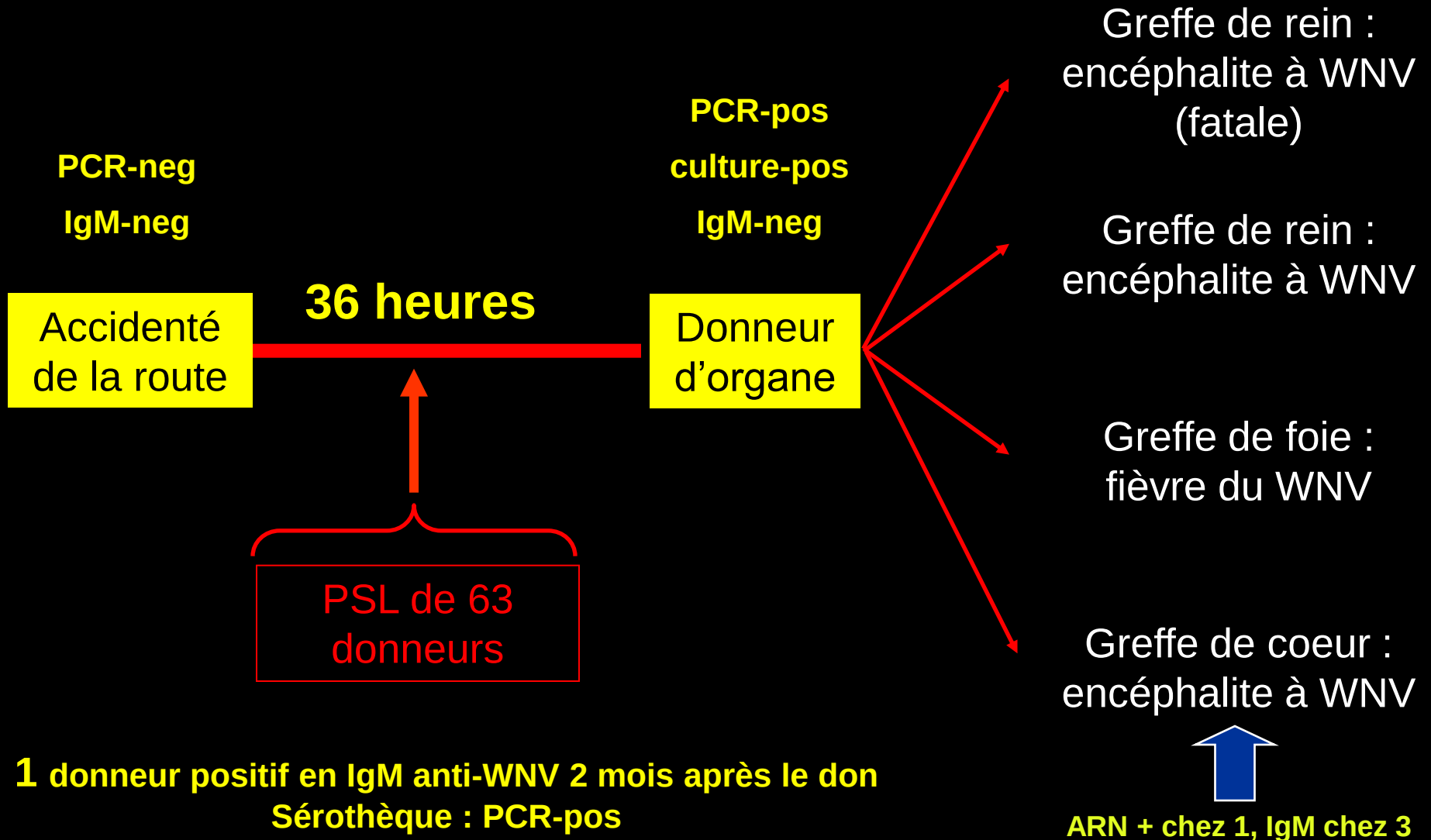
Contamination transfusionnelle et par greffe

Août 2002, USA



Contamination transfusionnelle et par greffe

Août 2002, USA

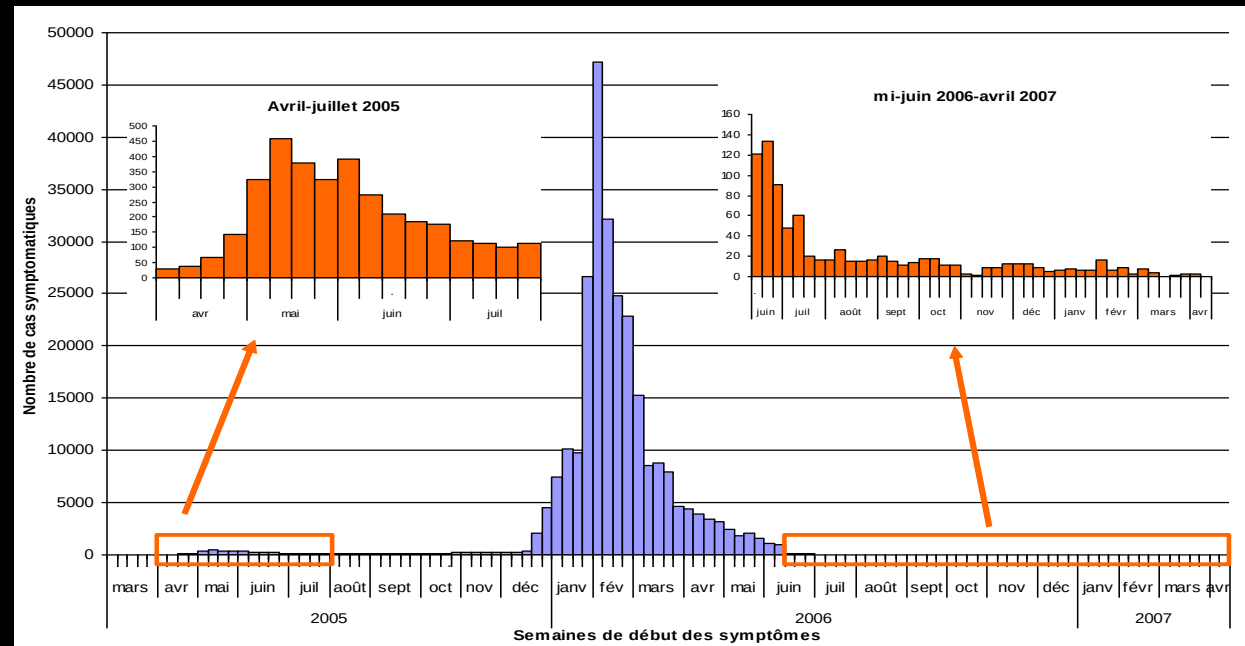


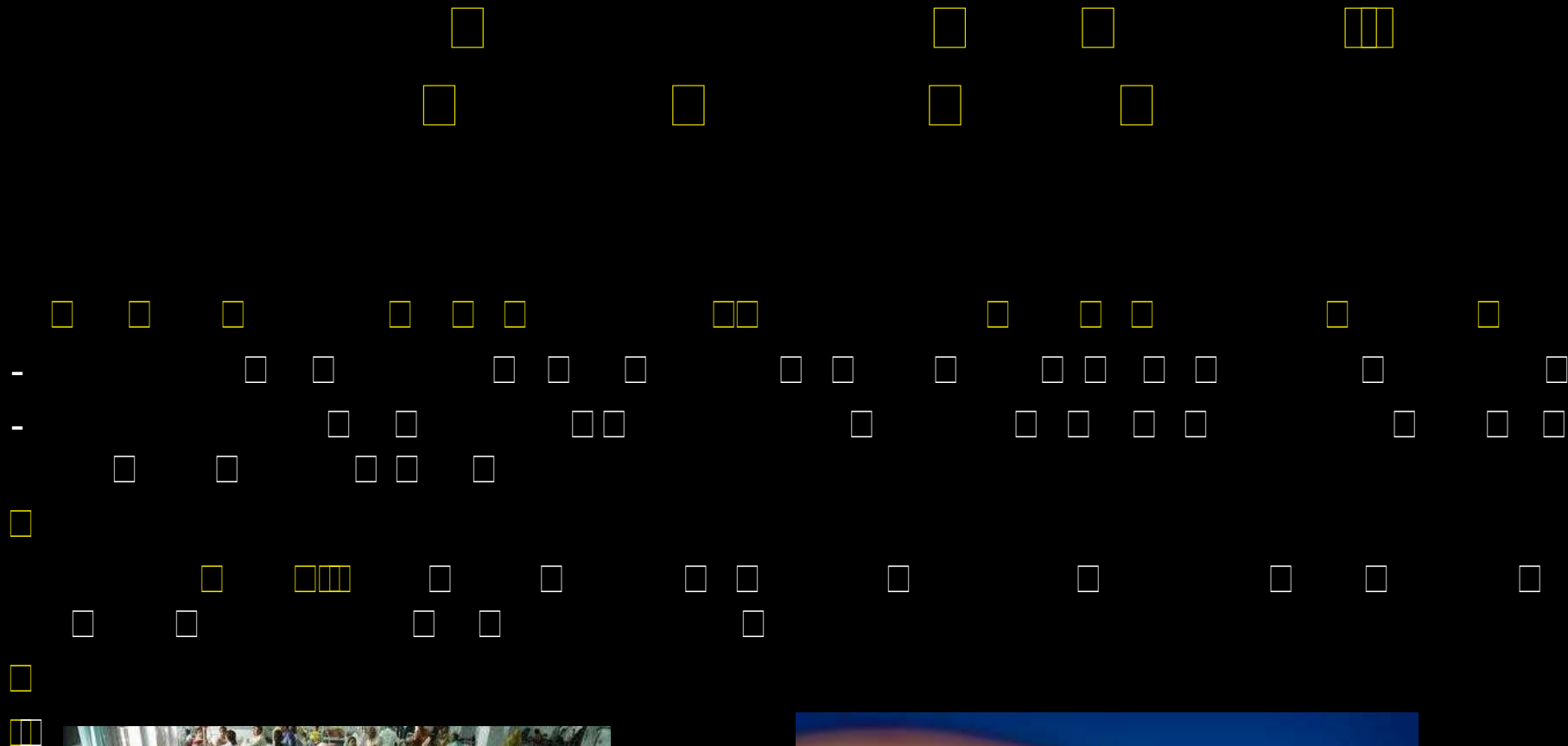


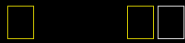
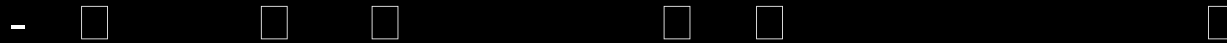
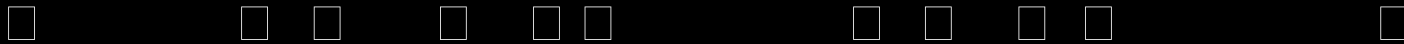
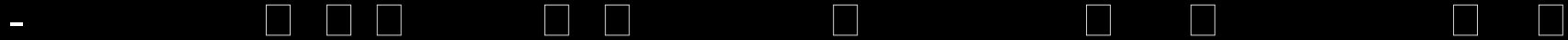
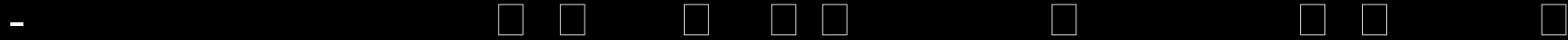
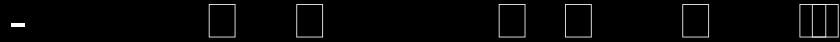
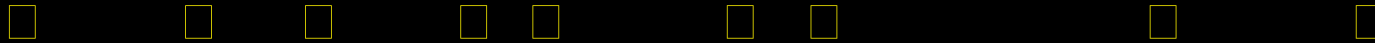


Epidémie de Chikungunya à La Réunion en 2005-2006

Département d'Outre-mer le plus peuplé (800 000 habitants)







Intercept

