

Prevalence of sensitization and of allergy to peanut

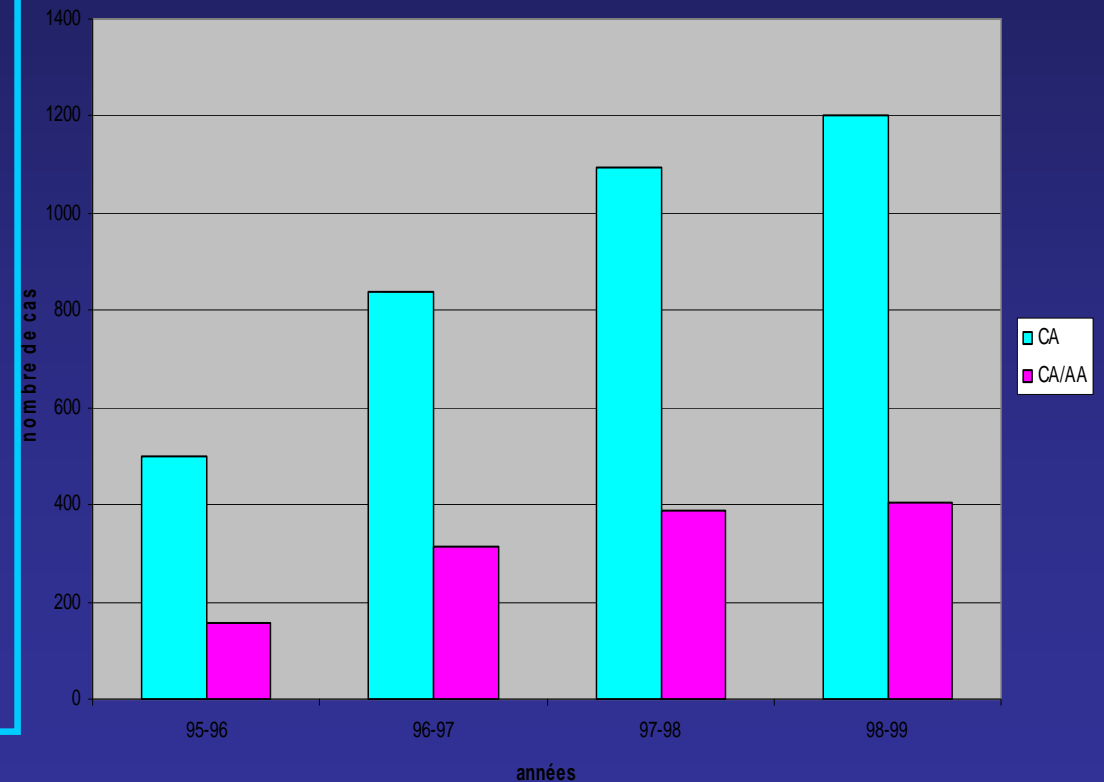
status	USA Sicherer 1999	UK Grandy 2001	France Morisset All Vig Network 2005
sensitization	5%	1,3% (1989) to 3.2% (1997)	1% to 2.5%
allergy	0.6% children 1.6% adults		0.2% to 0.5% children (Rancé) 0.3% to 0.75% (Morisset)

severe anaphylaxis on the increase

admissions pour anaphylaxie dans les hôpitaux du Royaume-Uni (Wilson, BMJ 2000)

- A five-fold increase in cases has been observed in France between 1982 and 1994
- 10,2% were induced by food allergy in 1994

Moneret-Vautrin Ann Gastroenterol Hepatol
1995 31 256-63



250% of increase from 1995 to 1999

Care management projects in schools in France (en 2002)

Mean rate: 0,065% :

1 CMP/ 1538 children

71,7% of CMP <11 years of age: 1 CMP / 1000

peanut 416

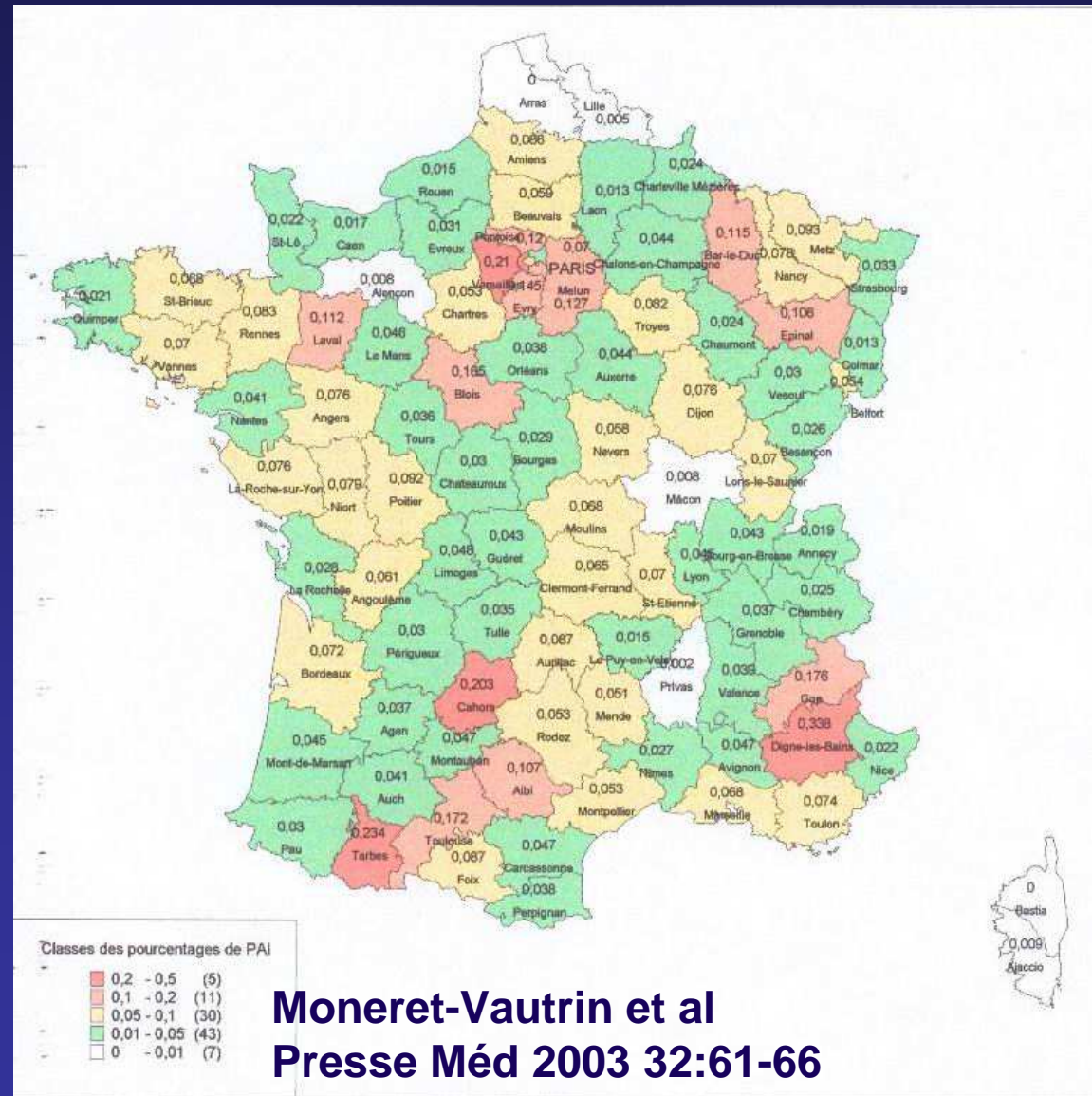
egg 140

Tree nuts 72

Fish sp. 47

Legumes 43

etc...



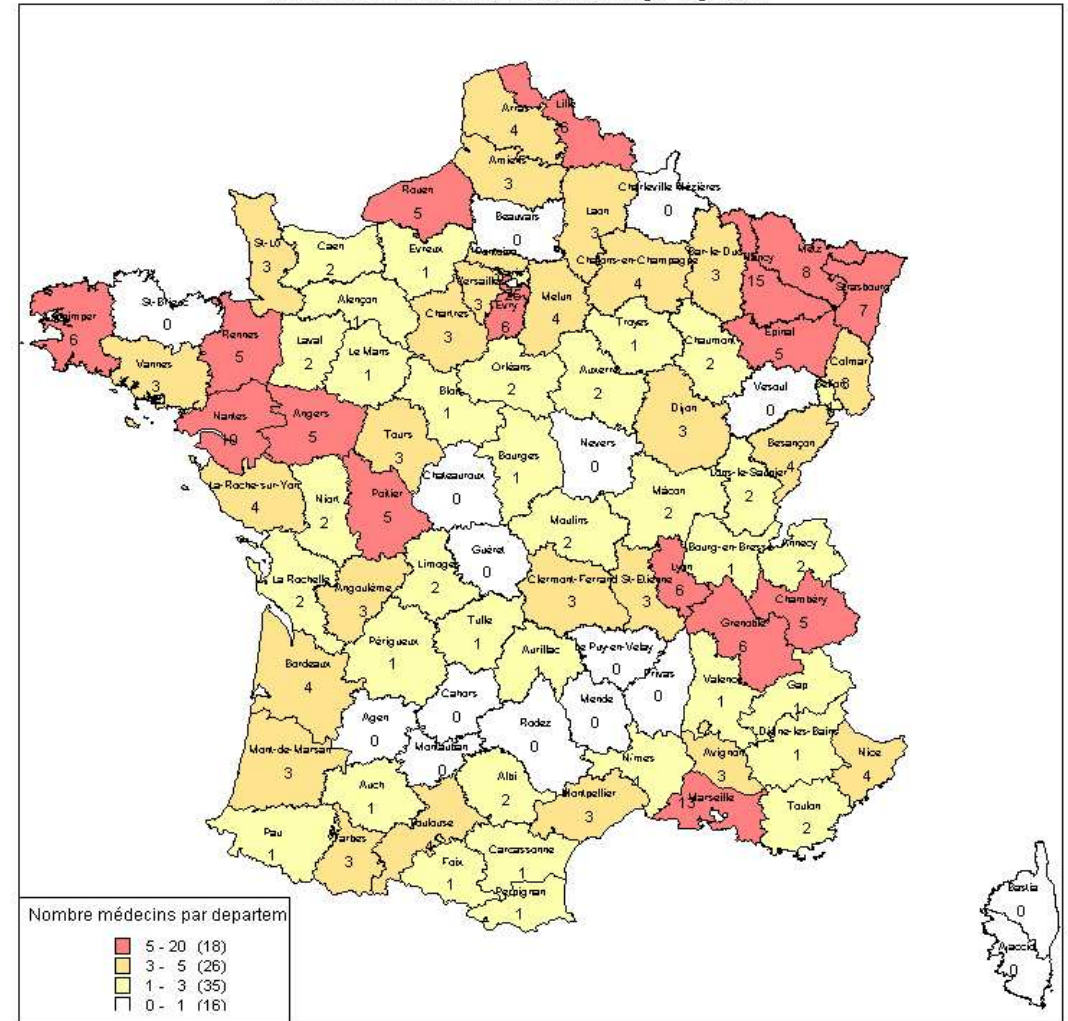
Allergo-Vigilance Network

345 members (jan. 2006)

- 209 Allergists (GP)
- 12 Internists
- 44 Pediatricians
- 45 Pneumologists
- 12 Dermatologists
- 11 Biochemists
- 12 various links

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Carte des membres du réseau d>Allergo-Vigilance



Actualisée juin 2005: 338 membres

Dom Tom: Martinique(3), La Réunion(1), Guadeloupe(1), Nouvelle Calédonie(1)

Pays Etrangers: Belgique(16), Algérie(5), Maroc(3), Argentine(2), Chili(2), Luxembourg(2), Pologne(2), Italie (2), Etats-Unis(1), Finlande(1), Grèce(1), Pologne(1), Suisse(1), Tunisie(1), Angleterre(1), Canada(1)

Life-threatening food anaphylaxis (229 cases)

- children: 31%
- adults: 69%

- 27 allergens
- Masked Allergens : 13%

- Most frequent allergens :

peanut (14) tree nuts (16),
shrimp (9) ,latex- fruit (9)

Lupine flour (7) , wheat (7)

celery(5) , snail (5) (French culinary customs...)

Lethal risk of severe anaphylaxis

- **Brown 2001 (Australia)** **0,7%**
- **Sheik 2001(UK)** **0,5%**
- **Helbling 2004(Swiss)** **1,3%** (3/226 cas)
- **Allergovigilance network:** **1,3%** (5/372 cas)

**1 to 3 deaths / million
of inhabitants**

5 / M in USA (Neugut, 2001)

Prospects in therapeutics

