

# Update on the Norwegian PD-situation

PD TriNation meeting -Edinburgh -2012

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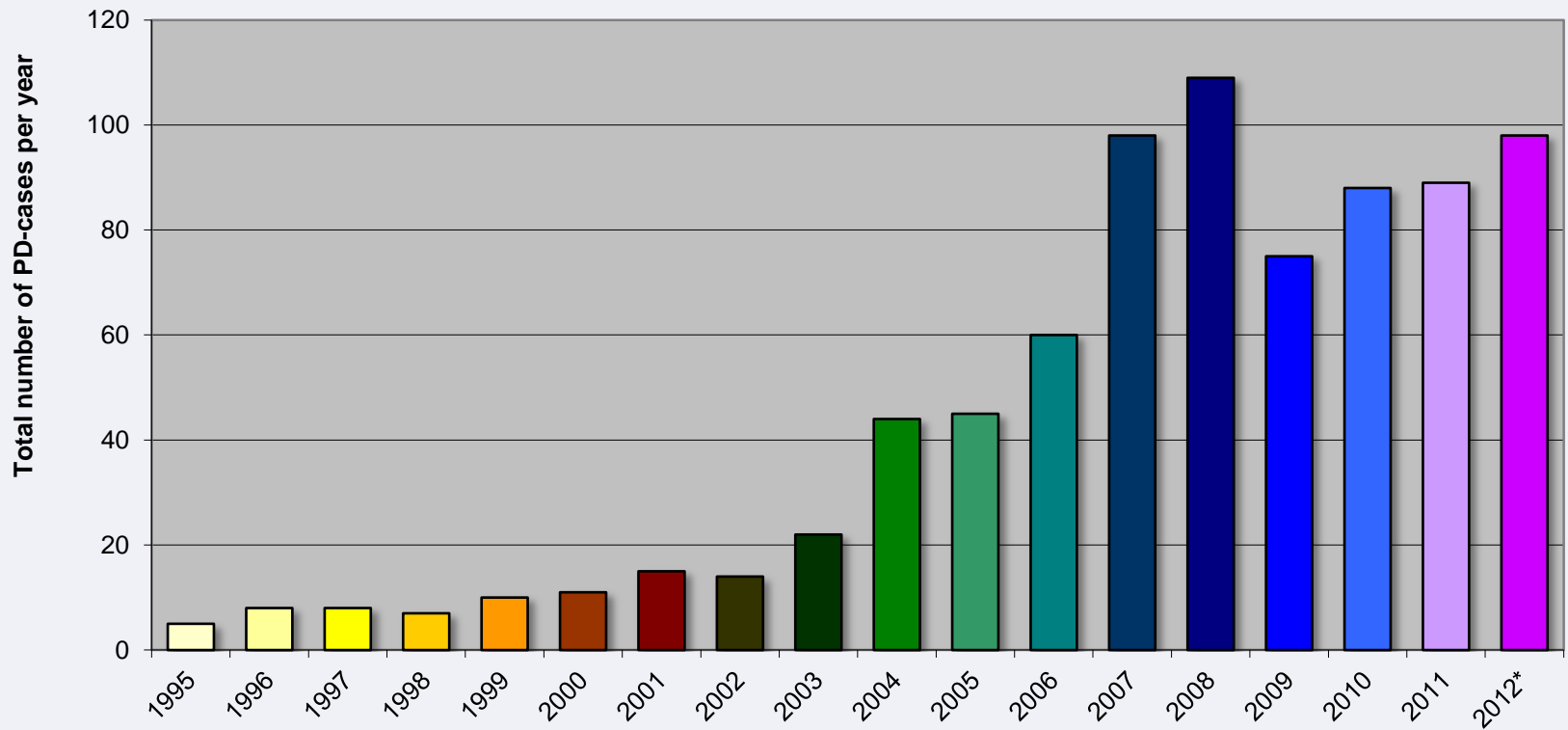
**Veterinærinstituttet**  
— *Norwegian Veterinary Institute*

# Events since last TriNation meeting:

- Discovery of a new subtype of PD in Norway!
  - All previous studies have shown the presence of only one subtype: SAV3
  - In May 2011, a new subtype was discovered for the first time: This groups with SAV2
  - Monika Hjortaas will talk more about this after me
- Else, the situation seems stable....

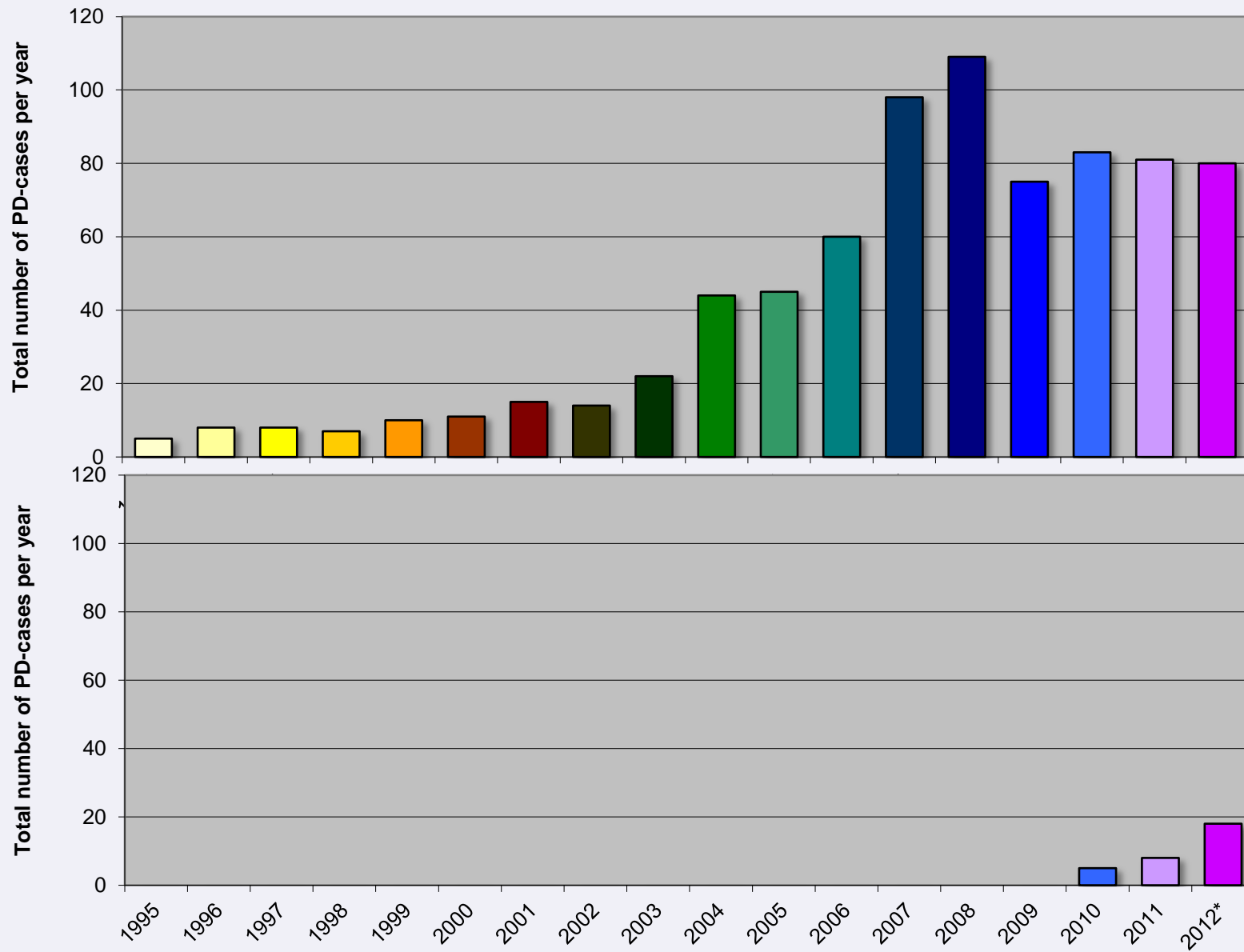
# Total number of PD-cases

PD-cases in Norway 1995-2012



\*2012: Untill and including August

**SAV3-cases in Norway 1995-2012**



**SAV2-cases in Norway 1995-2012**

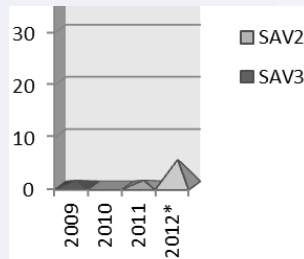


# Norwegian PD-cases in detail

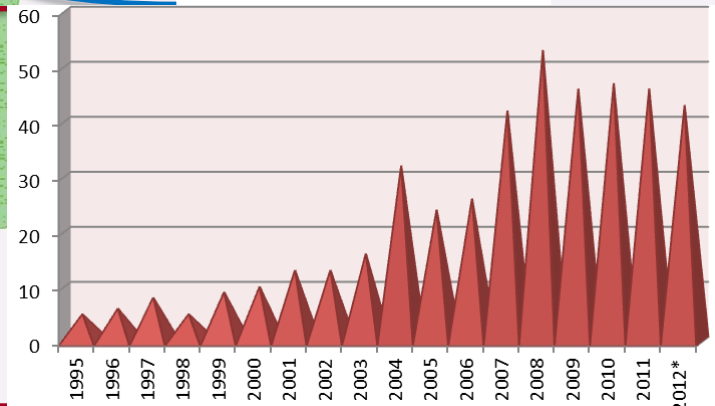
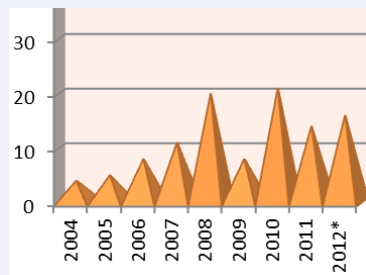
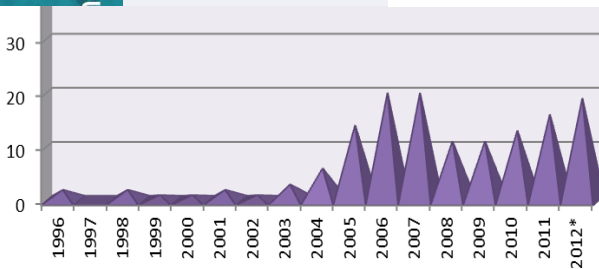
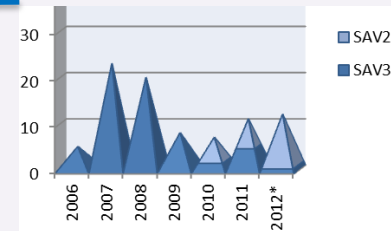


2004:2(SAV3)  
2008:2(SAV3)

2011:1 (SAV2)  
2012:1 (SAV2)

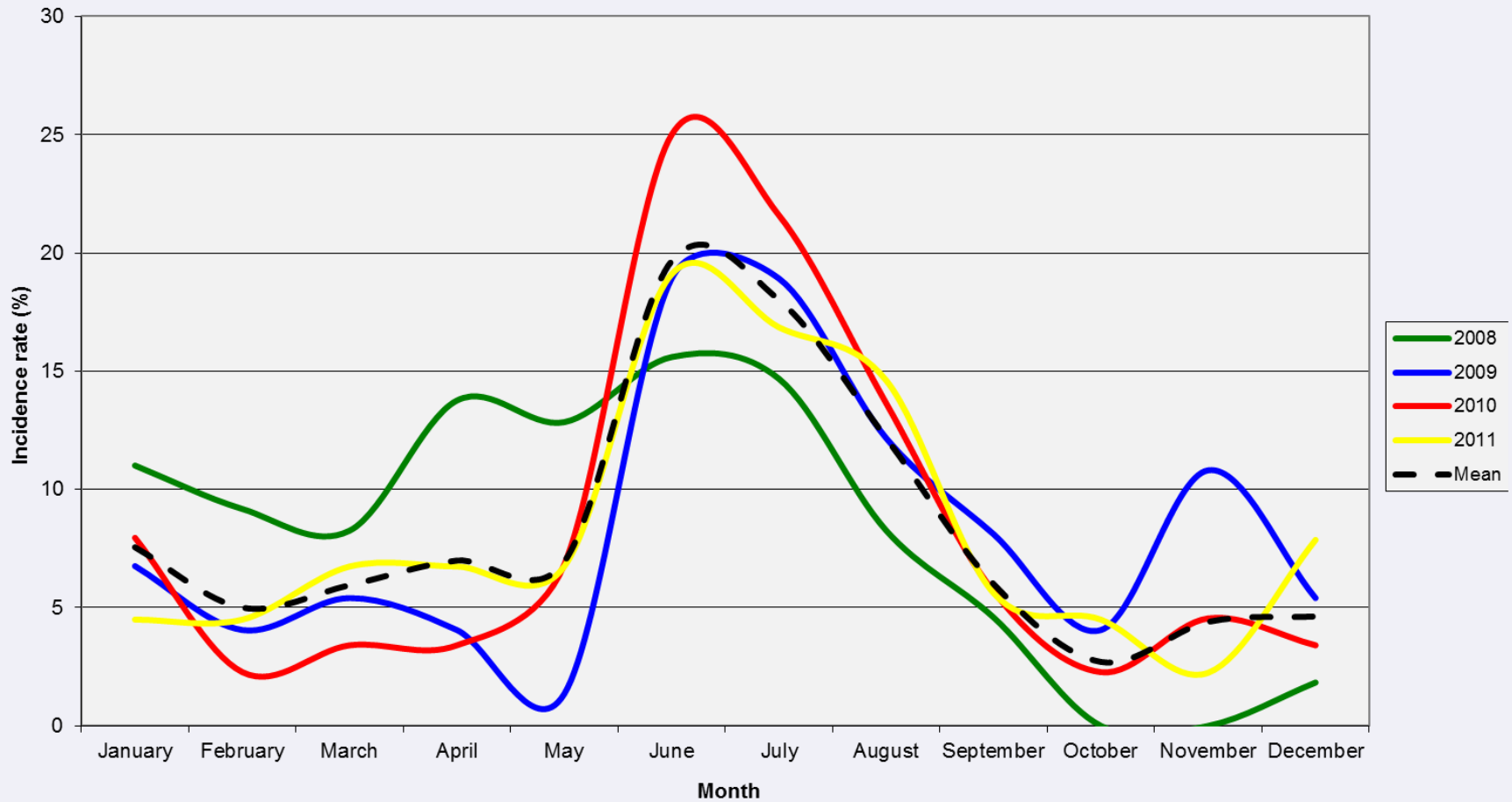


Hustadvika



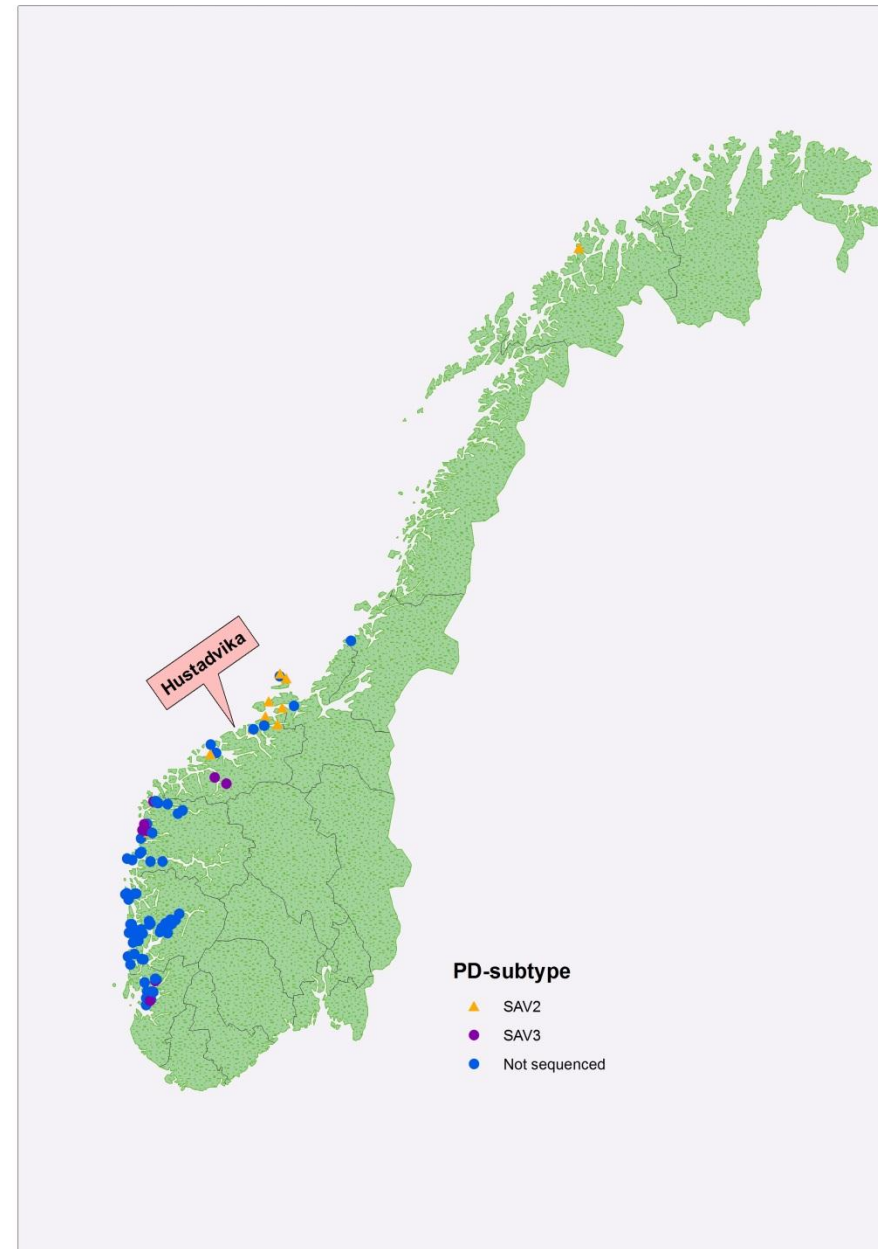
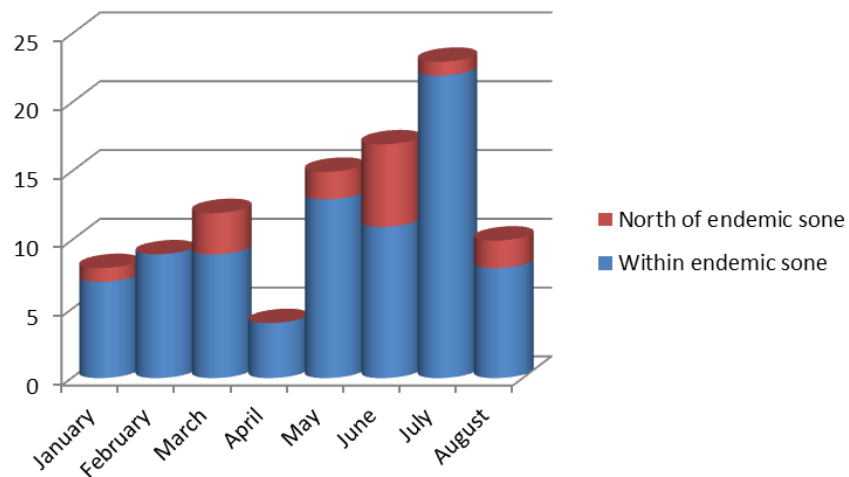
# Seasonal variation of PD-cases

Monthly incidence rate of PD 2008-2011



# PD-cases 2012 -in detail

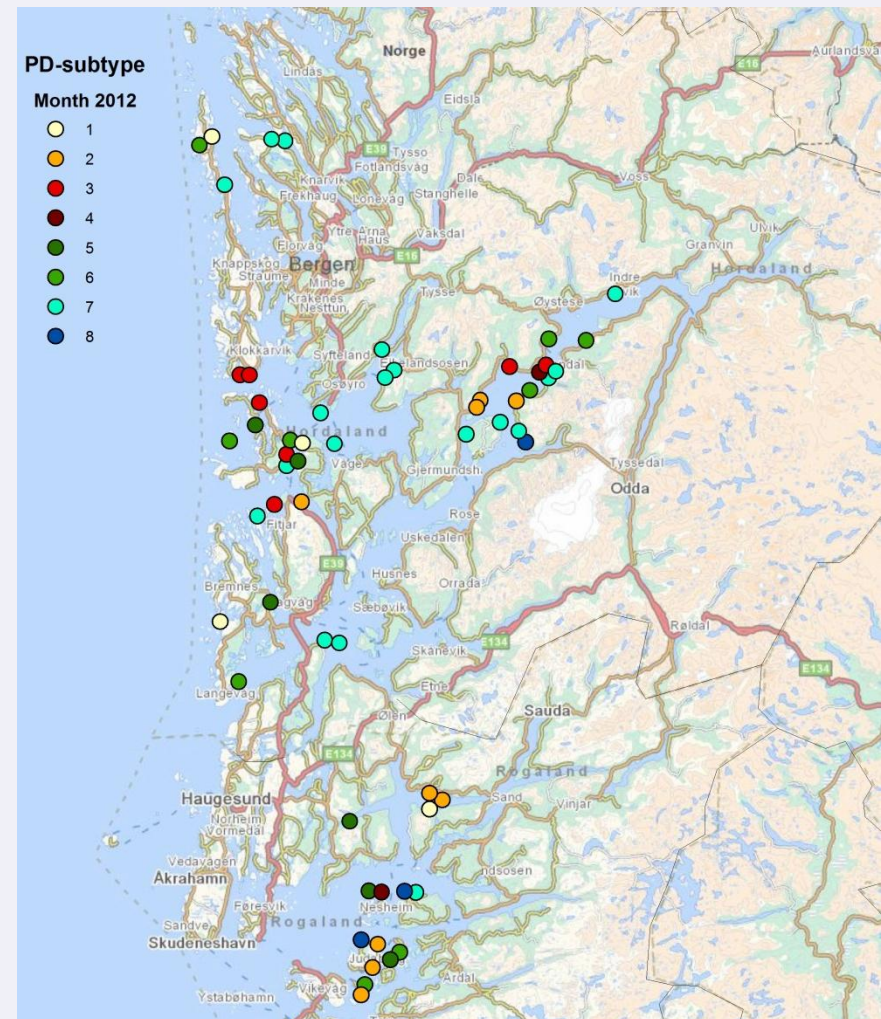
- Unusually many outbreaks in the early spring
- 'Epidemic' in Hardangerfjord-catchment
- Many outbreaks (18) due to SAV2





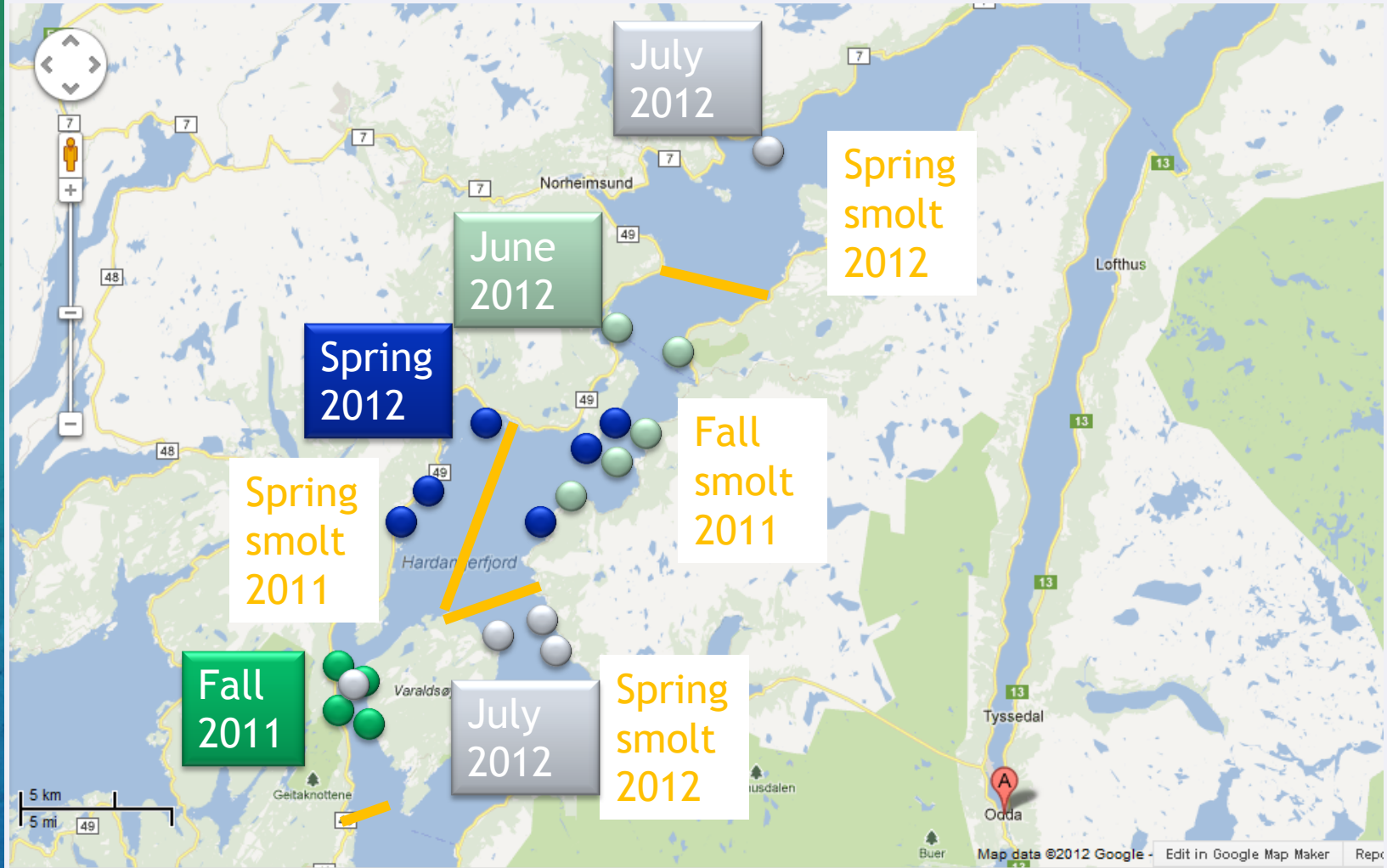
# Hardangerfjord-epidemic

- In June & July, a total of 20 locations within the Hardangerfjord-catchment was diagnosed with PD
- Mortality ranged from 0-15%
- Many different companies have sites in this area





# Hadangerfjord-epidemic



# Summing up

- The change in the PD-situation in Norway is mostly due to the new subtype.
- Hustadvika is still an efficient barrier towards SAV3, but the SAV2-situation is unsolved (more about this tomorrow)
- SAV2 is in a defined area
- New research projects are looking into the differences between subtypes (Hilde Sindre to reveal)



- Credits to Jon Teigland from the Norwegian Food Safety Authorities
- Thank you for your attention 😊

