



# FRANCE

Eva Hong – Institut Pasteur

Nov. 1st, 2016

EMGM Meeting on MenWY, Frankfurt

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## General information

Population size	Total	66 627 602
Structure of surveillance of meningococcal disease	Statutory notification of disease Enhanced surveillance Centralized Laboratory Surveillance	Yes Yes Yes
NRL: repertoire of typing targets	Serogroup PorA antigen sequence typing FetA antigen sequence typing Vaccine Antigen sequence typing (e.g. fhp) Antibiotic resistance gene typing MLST (7 loci) Genome sequencing	Yes Yes Yes Yes Yes Yes Yes
Meningococcal vaccine recommendation	Polysaccharide vaccines (not conjugated) MenC conjugate MenACWY conjugate Protein vaccines targeting MenB	No Yes Risk group Risk group
Uptake of MenWY vaccines	estimated % per target group size	Not applicable

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# Basic numbers for 2015



No of reported cases of <b>invasive meningococcal disease</b> (incidence rate)	N= 469 0.79 /100,000
Proportion of reported cases of invasive meningococcal disease, whose strains or samples were processed at NRL (=laboratory surveillance coverage of reported cases)	97 % (453)
MenW •no of cases, •incidence rate, •% of all cases	N= 32 0.05/100,000 6.8 %
MenY •no of cases, •incidence rate, •% of all cases	N= 54 0.08/100,000 11.5 %

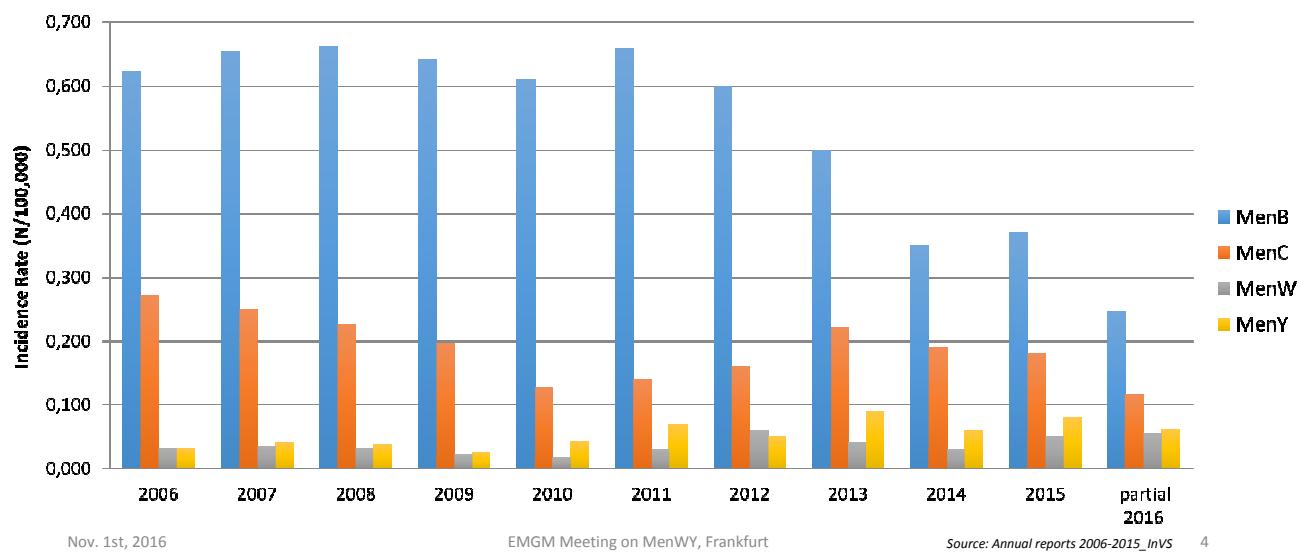
Source: Annual report 2015, InVS

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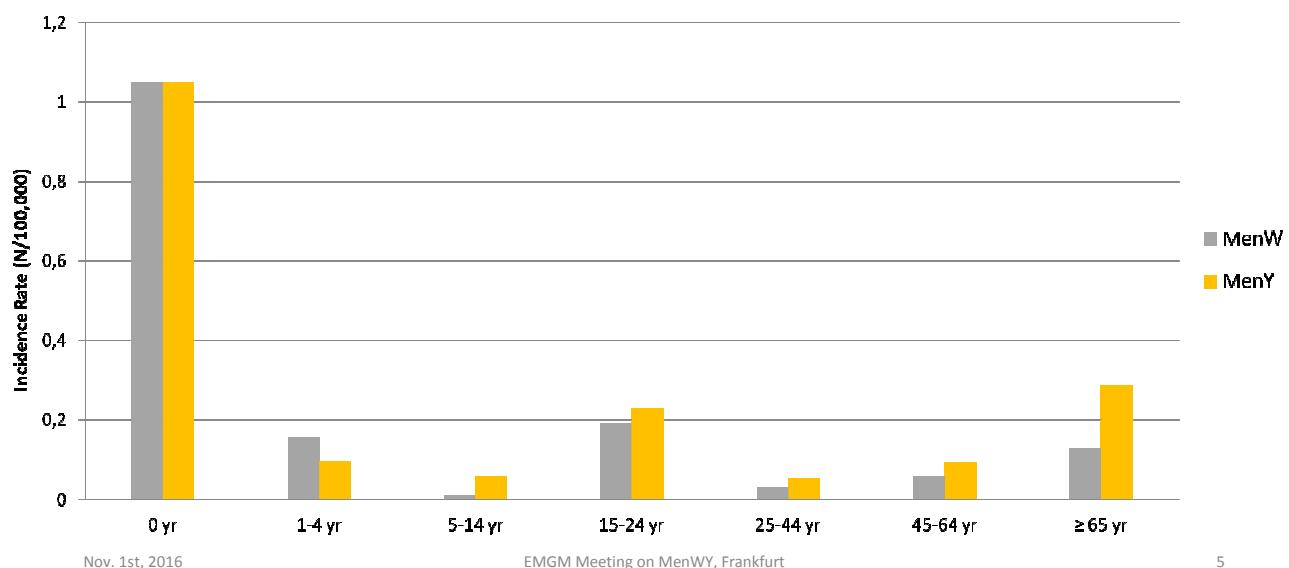
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## Incidence rates for serogroups B, C, W, Y from 2006-2016(partial)



## Age specific incidence rates 2015-2016 (partial) for serogroups W and Y

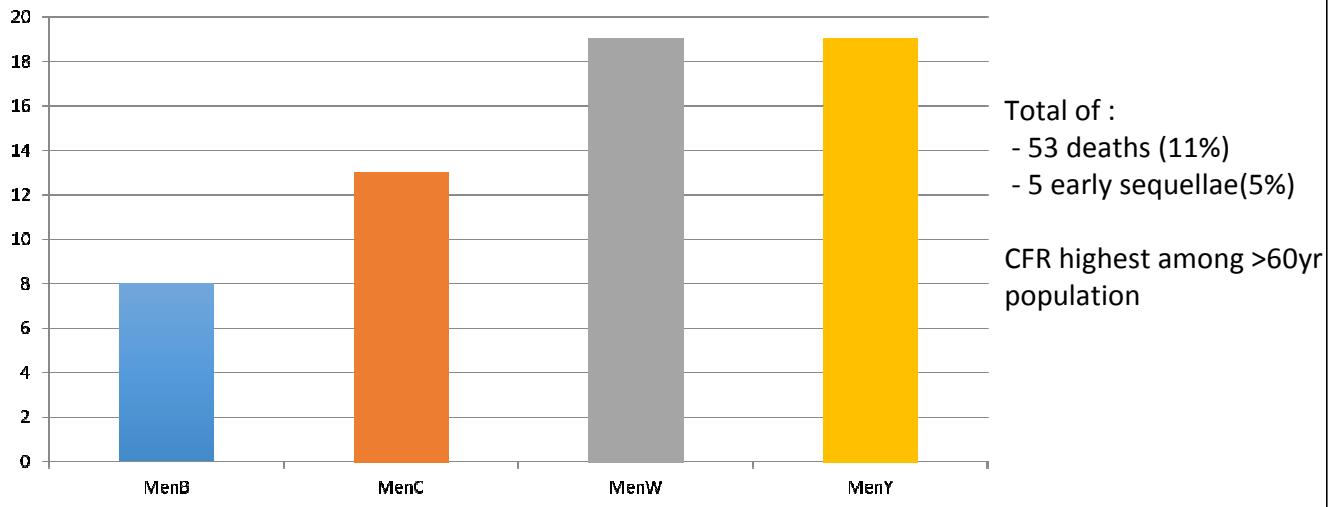


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## Case fatality rates 2015 (in %) for serogroups B, C, W, Y



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Source: Annual report 2015\_InvS 6

## Sequence typing of MenW in 2015-2016(partial)

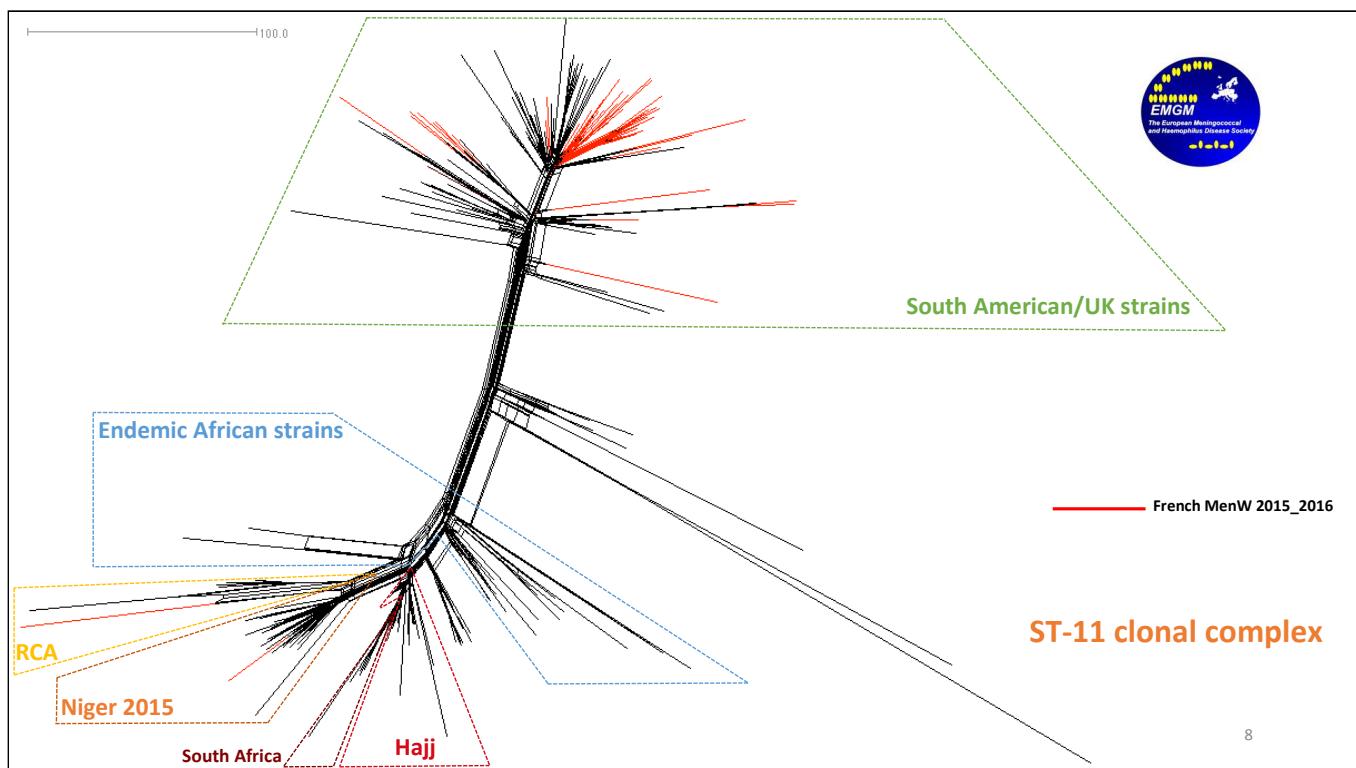


Year	2015-2016 (partial)
Dominant variant according to the typing method used	W:P1.5,2:F1-1:ST-11 (cc11)
<b>Dominant variant</b> according to the typing method used, in % of all MenW cases	71,7%
<b>cc11</b> in % of all serogroup W cases	73,3%

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# Outbreaks caused by serogroups W and Y 2012 – 2016(partial)



	MenW	MenY
Number of outbreaks or clusters	1	0
Total number of patients involved	8	-
Settings	Travel-related cases (Senegal, Mali, Benin) No previous ACYW vaccination meningitis (n=4), pneumonia and septicaemia (n=2), arthritis (n=1), pericarditis (n=1) W:P1.5,2:F1-1:ST-11 (cc11)	-

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