

# WENNBERG INTERNATIONAL COLLABORATIVE SPRING POLICY MEETING 2018

## Evaluation of the school vaccination programs in Switzerland, 2005-2016

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Smarter Health Care  
National Research Programme

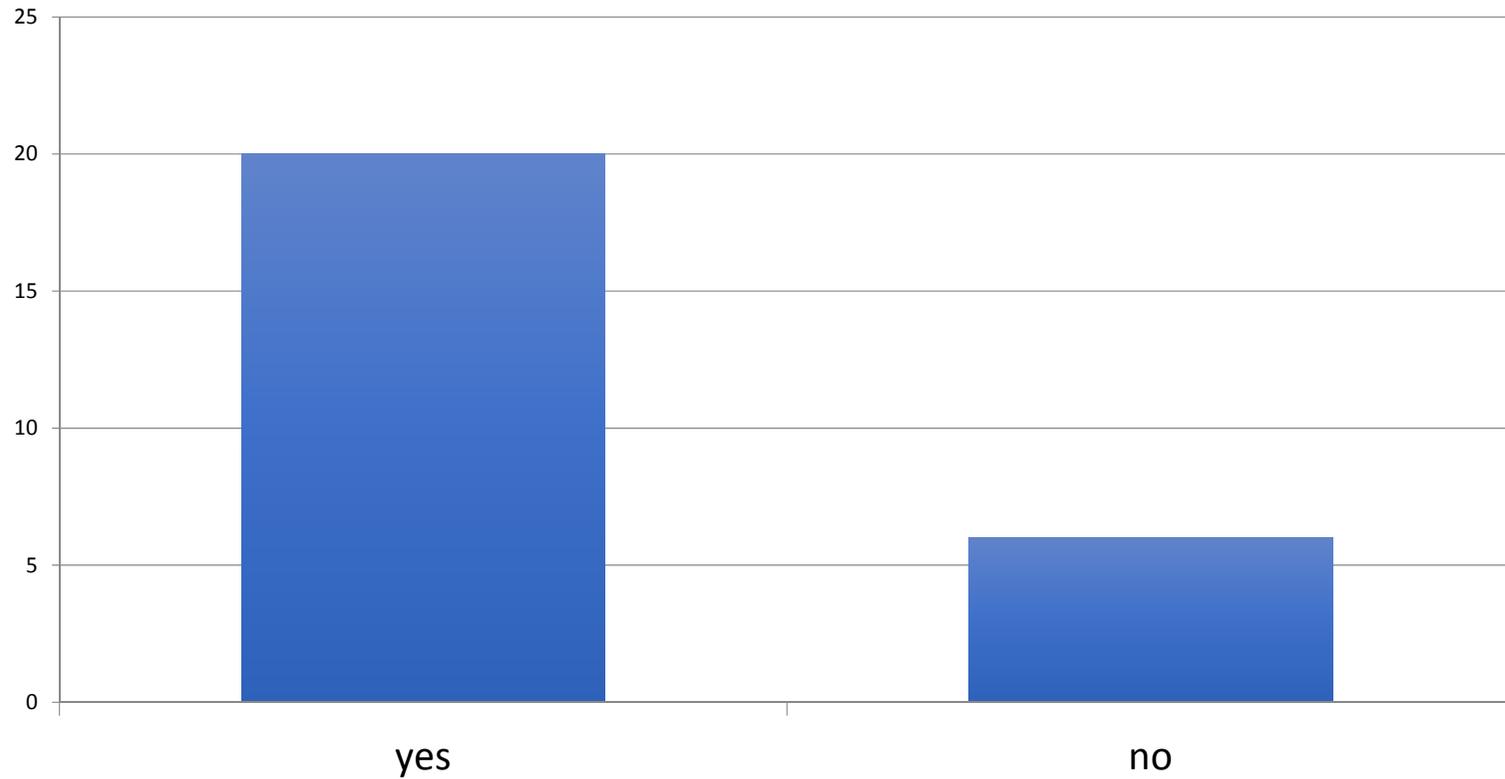


University of  
Zurich<sup>UZH</sup>

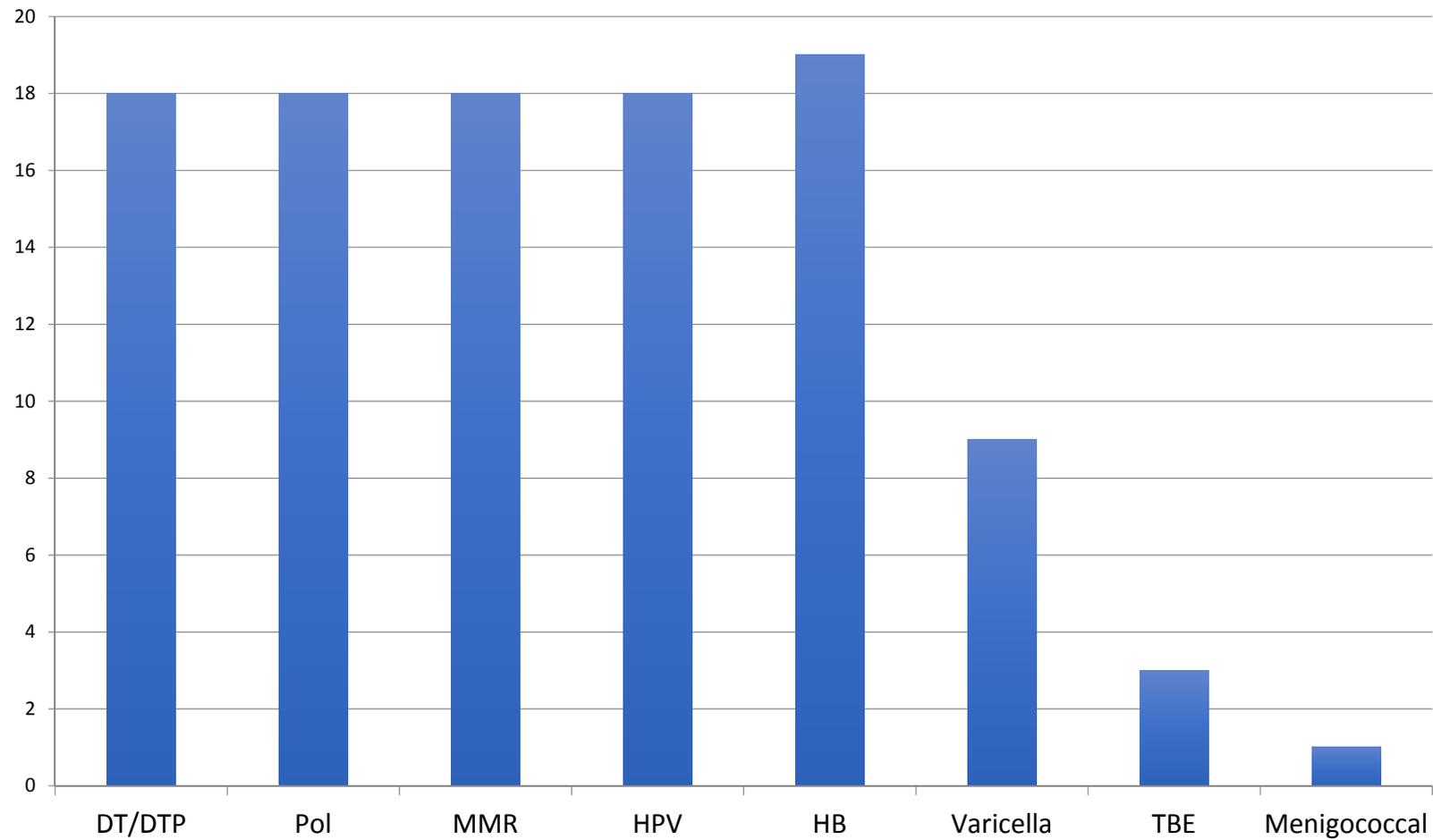
# Methodology

- A questionnaire was sent to all 26 cantons. The Internet and personal contacts were used to supplement missing information.
- 100% response rate.

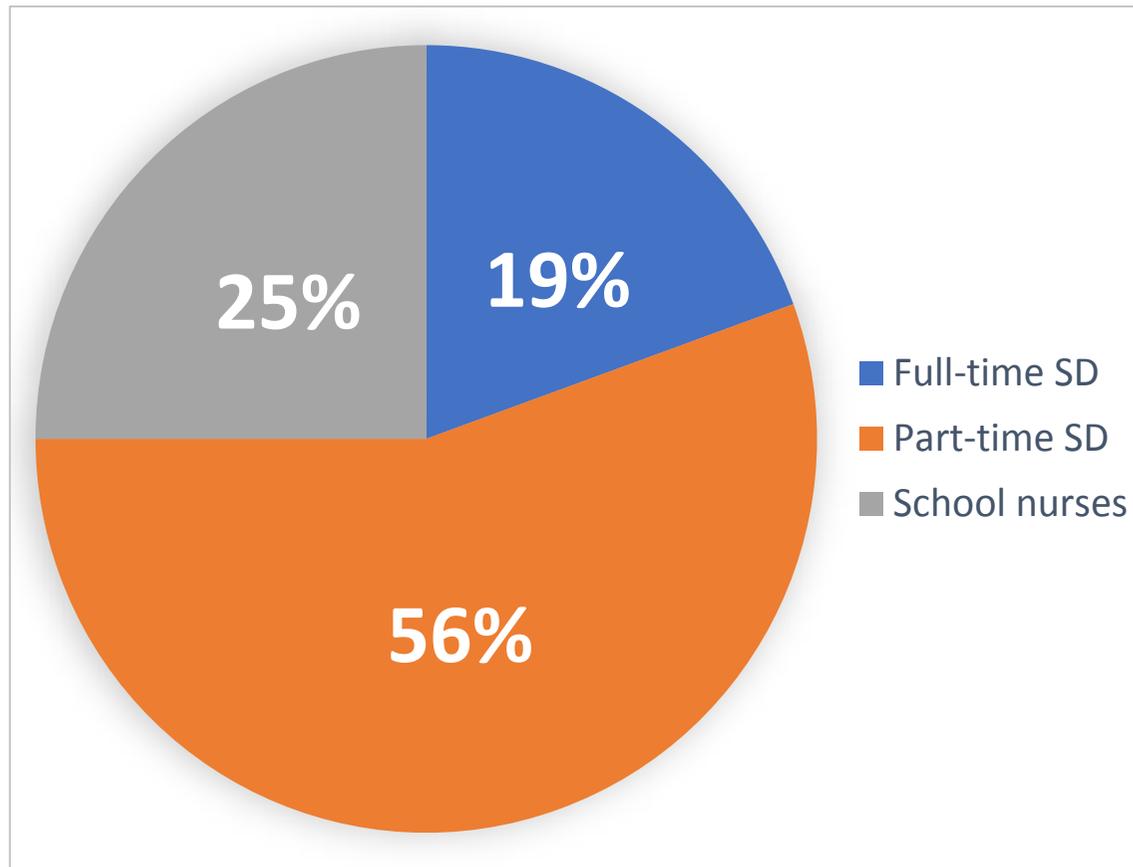
# Is there a school vaccination program in your canton?



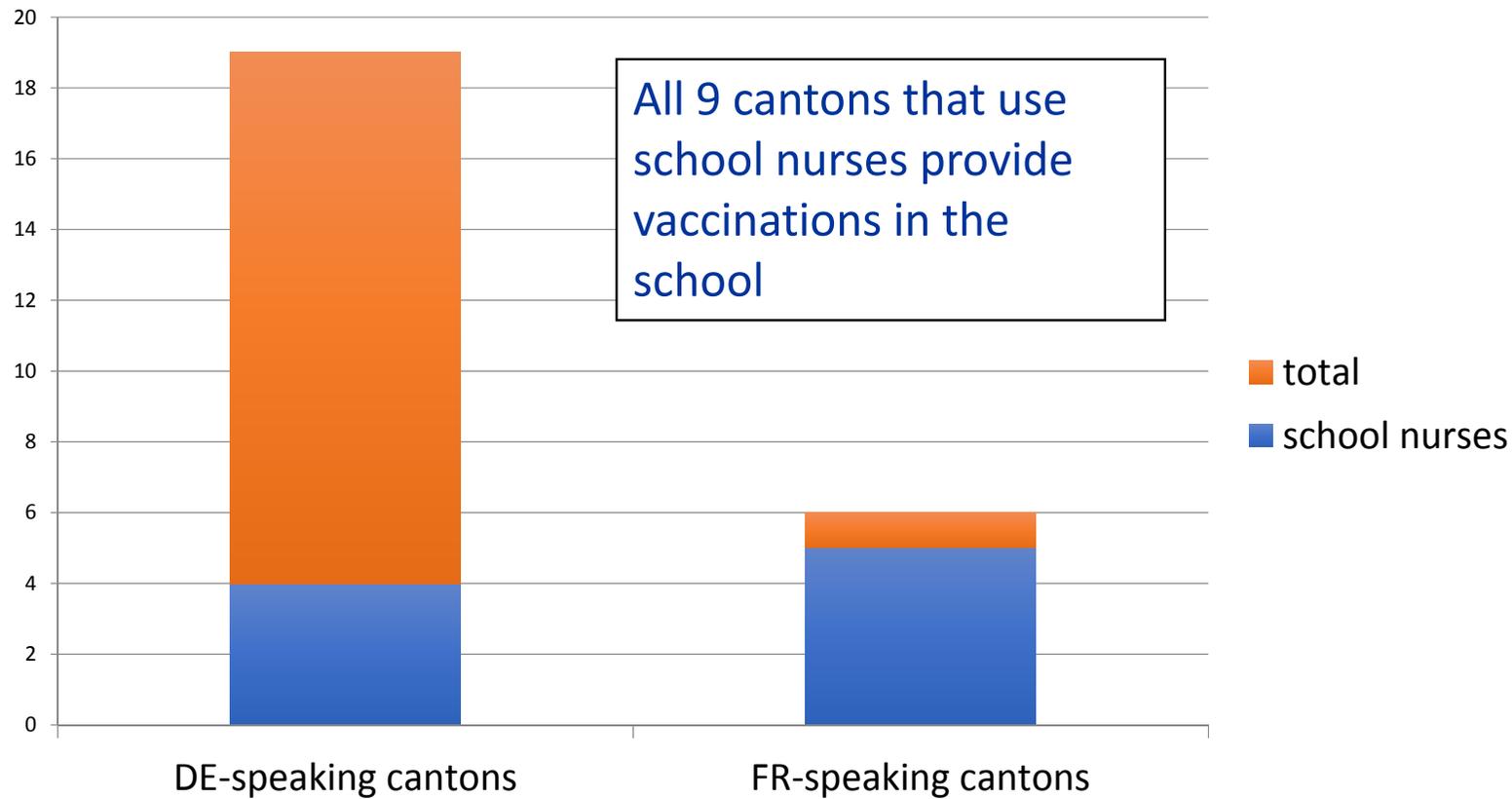
# Which vaccinations are provided in the school vaccination programs?



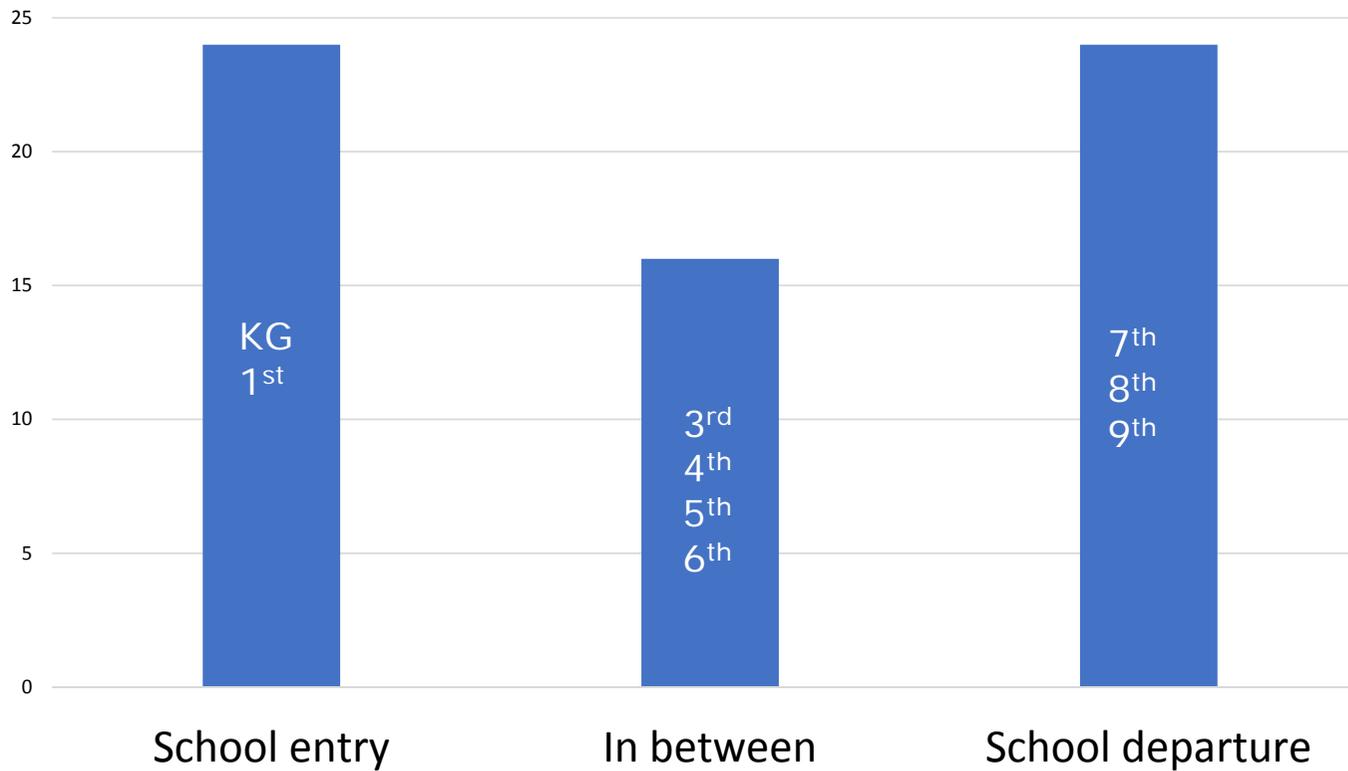
# Which health care professionals are employed in the schools?



# Use of school or other cantonally employed nurses for vaccination status check-up



# When are the vaccination status check-ups in the schools?



# Multivariable logistic regression with being UTD for measles vaccination at 2 doses for the 8Y+16Y, 2005-2016 (n= 61,643)

Variable (surveyperiod, linguistic region, nationality, sex, age group)	Nr of cantons	Nr of children	Distrib (%)	Odds ratio (95% CI)	p-value
school vaccination program					
does not vaccinate* / does not have nurse	11	19,856	32.2	Ref.	
does not vaccinate* / has nurse	1	909	1.5	2.29 (1.18 - 4.43)	0.014
vaccinates*/does not have nurse	6	7,519	12.2	1.04 (0.89 – 1.22)	0.631
vaccinates* / has nurse	11	24,147	39.2	1.24 (1.07 - 1.44)	0.005
unclear of vaccin. procedure* / does not have nurse	4	7,966	12.9	1.14 (0.98 – 1.32)	0.094
no school program/ does not have nurse	1	1,246	2.0	0.62 (0.33 – 1.14)	0.121

\*whether vaccination is provided in the school

# Conclusion

- There are 26 different school vaccination policies in Switzerland.
- Having a cantonal school vaccination program allows adopting policies that meet their individual needs. However, more uniform vaccination programs would allow for better coordination and implementation of national public health strategies.

# Thank you!

- Cantons and FOPH
- To the audience for your attention

