

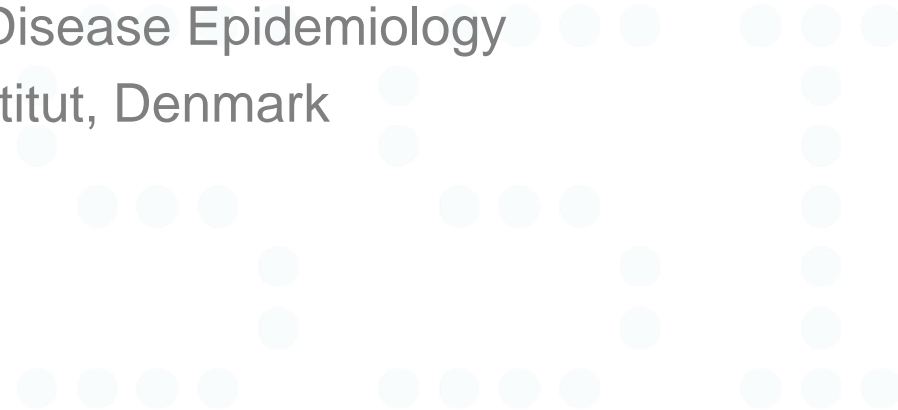


HPV vaccination programmes in Denmark

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HPV vaccine implementation in Denmark

2008 and 2009

- Free HPV vaccination for girls aged 13-15 years (catch-up group) and for girls aged 12 years (routine group), respectively.
- Voluntary uptake under medical prescription (self-payment) for women born in 1985-1992, having to pay for it.

August 27th 2012

- A temporary free-of-charge HPV vaccine catch-up programme starts for women from 1985-1992 (women aged 20-27 years of age).

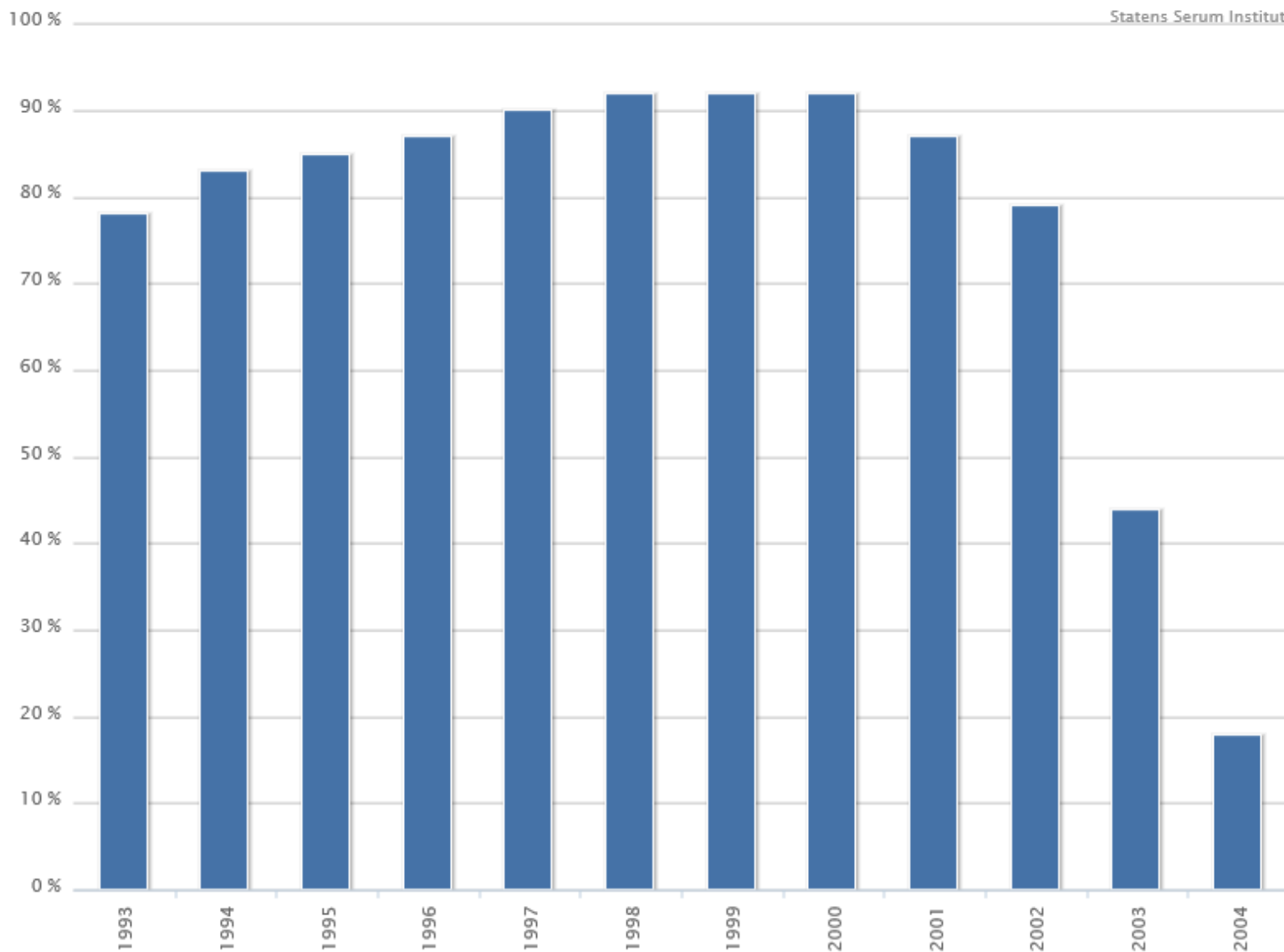
December 31st 2013

- End of the free-of-charge catch-up programme for women from 1985-1992 (women aged 21-28 years of age).

Currently

- Routine HPV vaccination for girls up to the age of 18 years
- Free-of-charge catch-up programme for girls born in 1993-1997 offered until December 2015.

HPV VACCINE UPTAKE OF FIRST DOSE BY BIRTH COHORT



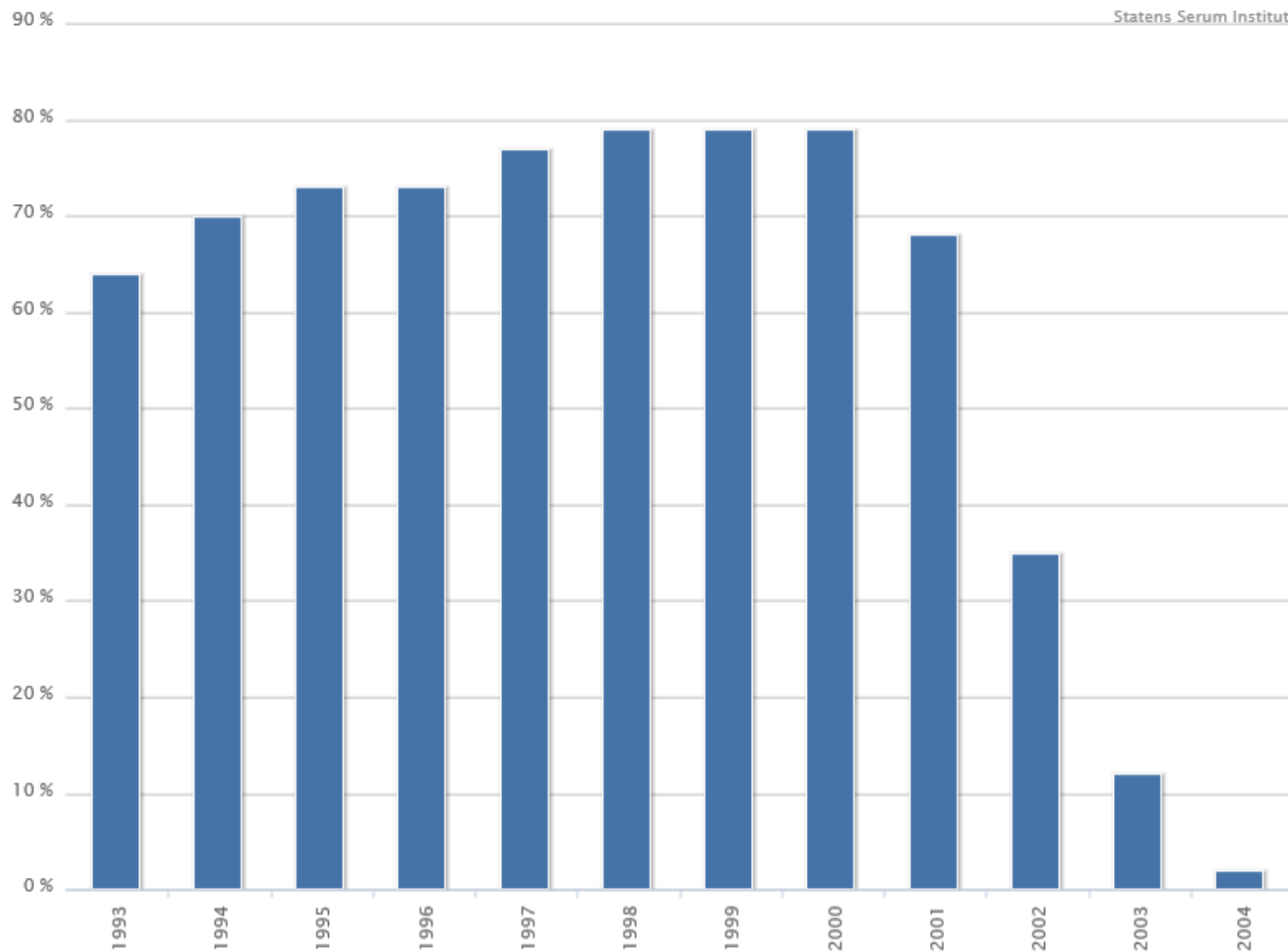
AGE AND LOCATION FOR HPV VACCINATION IN THE NORDIC COUNTRIES

Country	Age	Location/ Vaccine delivery mechanism?
Denmark	12 y	General Practitioner (GP)
Sweden	10-12 y	School
Norway	12 y	School
Finland	11-12 y	School
Iceland	12 y	School

PROGRAMME USE OF HPV VACCINES AND SCHEDULES IN THE NORDIC COUNTRIES

Country	Birth year of first cohort of girls vaccinated in programme	Cervarix		Gardasil	
		2 doses	3 doses	2 doses	3 doses
Denmark	1996	Feb/2016		Aug/2014	2009
Sweden	1999			Jan/2015	2012
Norway	1997				2009
Finland	2002		Oct/2013		
Iceland	2000	2015	2011		

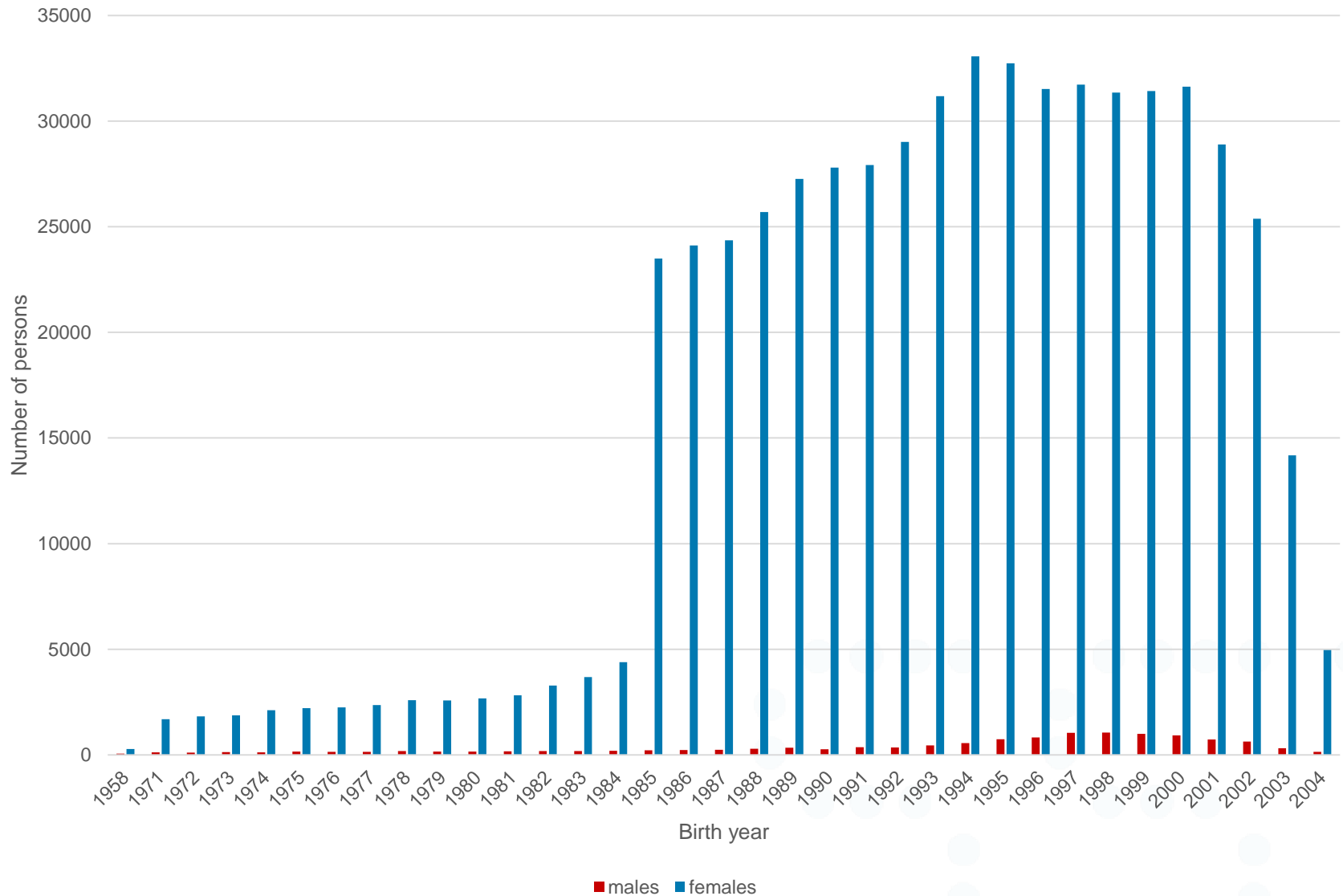
PROPORTION OF GIRLS THAT HAVE COMPLETED HPV VACCINATION BY BIRTH COHORT



CATCH-UP PROGRAMMES FOR YOUNG WOMEN IN THE NORDIC COUNTRIES

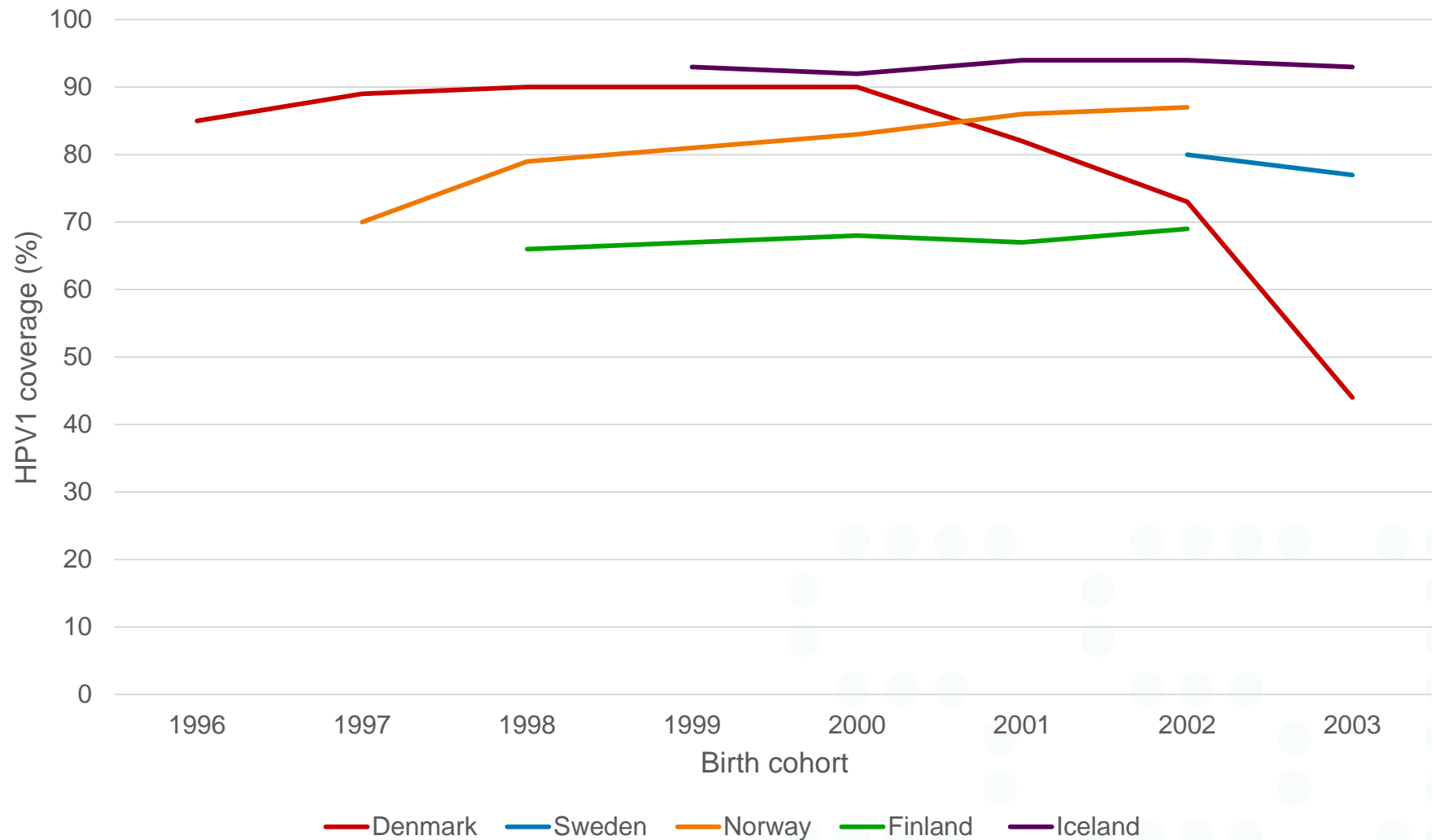
Country	Birth cohort	Catch-up period	Location/ Vaccine delivery mechanism?	First dose uptake (%)
Denmark	1993-95	2008-2009	GP	80
	1985-92	2012-13	GP/ Any doctor	75
Sweden	1993-98	2012- Today	School	59
Norway	1991-96	From November 2016, two year program	Cervarix, place of vaccination to be decided locally, text message to girls, use of social media	-
Finland	1998-2000	2013-15	School	?
Iceland	1999	2011	School	93

Number of HPV vaccinated persons since 2006 (by prescription/vaccination done)



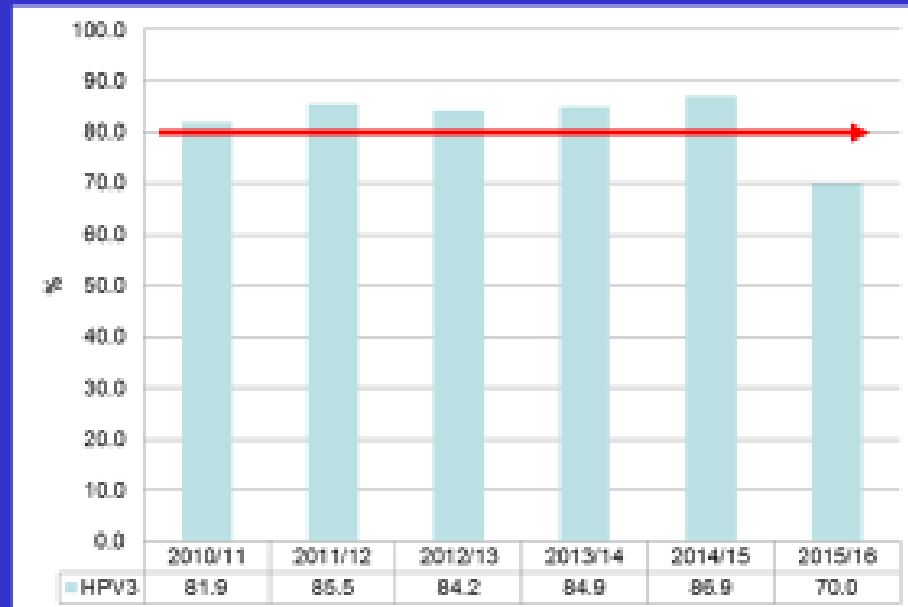
Cohort size girls ranging from approx 32.000 to 39.000 for birth year 1993-2004.
A total of 586.442 females and 14.612 males have been vaccinated.

TRENDS OF HPV VACCINE UPTAKE OF FIRST DOSE BY BIRTH COHORT IN THE NORDIC COUNTRIES



HPV vaccine uptake 2010/2011 - 2015/2016

Routine programme First years

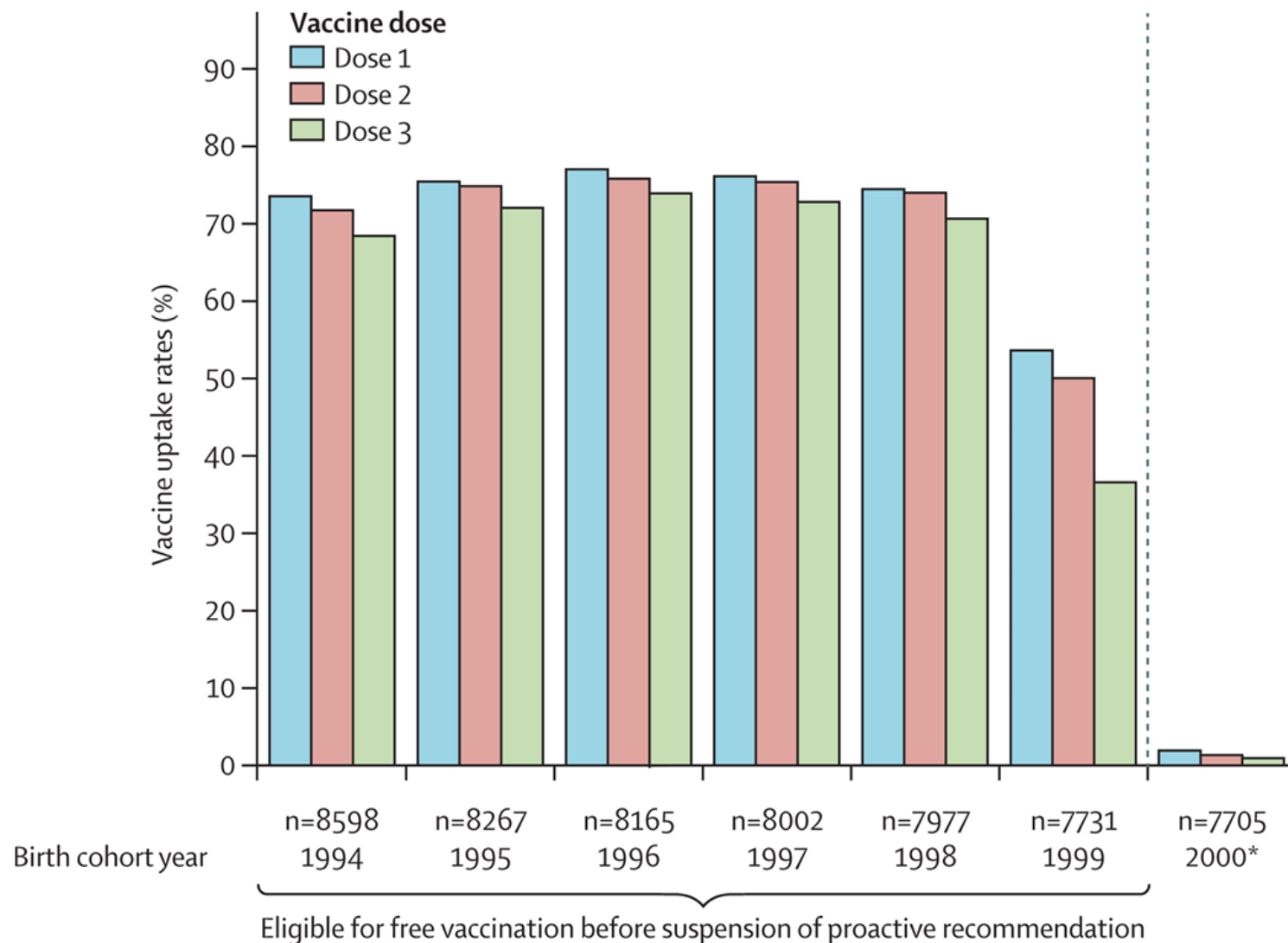


5000 more girls
not vaccinated
in 2015/16

Highest uptake achieved in 2014/15
Excellent cohort retention
97% girls who started dose 1 completed dose 2



UPTAKE RATES FOR THE HUMAN PAPILLOMAVIRUS VACCINE IN SAPPORO, JAPAN, AS OF MARCH, 2014



- ❖ A large part of the Danish girls from the birth cohorts 1985 to 2003 have been HPV vaccinated - approx 20% of the entire female population
- ❖ Successful catch-up programmes in terms of uptake: 80% for 1993-95 and 75% for 1985-92 birthcohorts
- ❖ The uptake peaked for the birthcohort 1998-2000 with an uptake >90% of first dose HPV
- ❖ For older birthcohorts a substantial decrease is observed. E.g. for the birthcohort 2003 the uptake of first dose HPV is 44% while MMR2 to be given at the same age is 78%.
- ❖ 2004 birthcohort is still being vaccinated, and the uptake at present, 1. november 2016, is 18%.
- ❖ Vaccination is possible free of charge until 18 years of age, but it is important to be vaccinated prior to sexual debut and prior to 14/15 years to use the two-dose schedule.

THANK YOU TO

❖ SWEDEN (INGRID UHNOO)

❖ NORWAY (LILL TROGSTAD)

❖ FINLAND (TUIJA LEINO)

❖ ICELAND (THOROLFUR GUDNASSON)

