

**SUPPLEMENTARY MATERIAL****Cohort profile: The multi-generation Respiratory Health in Northern Europe, Spain and Australia (RHINESSA) cohort**

Supplementary Table 1. Children and adolescents investigated as part of the RHINESSA G3 study (the adult offspring cohort is the main focus of the paper and not presented here).

	Children (4-9 years)		Adolescents (10- 17 years)	
	Questionnaire	Clinical	Questionnaire	Clinical
Aarhus			245	6
Bergen	105	44	571	124
Melbourne	13	0	73	11
Tartu			132	16

Supplementary Table 2A. Bergen all generations

	G1	G2 RHINE/ ECRHS parent	G2 other parent	G3 (all age groups)	G4 (all age groups)
Birth years	1918-65	1947-71	1935-88	1965-2012	1988-2008
Study years	2016-18	1991-2012	2016-18	2012-18	2019-21
Numbers, questionnaire study	1470	3452	910	2440	750
Numbers, clinical study	145	835	152	667	433

Supplementary Table 2B. More details about the Bergen 4<sup>th</sup> generation cohort

	Children (4-9 years)	Adolescents (10-17 years)	Adults (18+ years)	Total	<i>Response rate (of total)</i>
Invited, eligible	436	399	138	973	
Participated questionnaire	379	263	108	750	77%
Participated clinical	197	163	73	433	45%

## SUPPLEMENTARY INFORMATION ON THE EUROPEAN COMMUNITY RESPIRATORY HEALTH SURVEY (ECRHS)

### *ECRHS I*

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