

Country	Birth cohort name	Abbreviation	Participants			
			Children	Mothers	Fathers	Other family members
Austria	Study on the Prevention of Allergy in Children in Europe – Vienna (Halmerbauer et al., 2003)	SPACE- Vienna	4,309			
Belarus	The Promotion of Breastfeeding Intervention Trial (Patel et al., 2014)	PROBIT	17,046	17,046	17,046	+siblings
Belgium	Childhood Obesity - Early Programming by Infant Nutrition(Koletzko et al., 2009)	CHOPIN-Belgium	255	255	255	
	Flemish Environment and Health Study I-VI (Birthcohorts, 2021; Schoeters et al., 2017)	FLEHS I	1,196	1,196		
		FLEHS II	255	255		
		FLEHS III	281	281		
		FLEHS IV **				
	Perinatal factors on the Occurrence of asthma and allergies (Hagendorens et al., 2005; Oostveen et al., 2010)	PIPO	1,128	1,128		
3xG study (Gezondheid, Gemeenten, Geboorten) (3xg studie, 2021; Birthcohorts, 2021)	3xG study	301	301			
Croatia	Croatian Islands Birth Cohort Study (Birthcohorts, 2021; Sarac et al., 2019; Zajc Petranović et al., 2018)	CRIBS	500	500		
	Public health impact of long-term, low-level mixed-element exposure in susceptible population strata: Mediterranean Cohort-Croatia(Miklavčič et al., 2013)	PHIME-Croatia	234	234		
Czechia	Central European Longitudinal Studies of Parents and Children: The Next Generation	CELSPAC: TNG**	500	500		
	Czech Early Childhood Health (Birthcohorts, 2021; Dejmek et al., 2000)	CZECH	7,577	7,522		
	European Longitudinal Study of Pregnancy and Childhood	Czech ELSPAC	7,589	5,151	4,653	
	Aarhus Birth Cohort (Birthcohorts, 2021; Mortensen et al., 2013)	ABC	100	100		

Denmark	Copenhagen Child Cohort 2000 (Birthcohorts, 2021; Skovgaard et al., 2005)	CCC2000	6,09	6,09		
	Copenhagen Prospective Studies on Asthma in Childhood (Bisgaard, 2004; Bisgaard et al., 2013)	COPSAC2000	411	394	385	
		COPSAC2010	743	733	733	
	The Danish Allergy Research Centre cohort (Birthcohorts, 2021; Christiansen et al., 2017)	DARC	562			
	Danish National Birth Cohort	DNBC	95	100,418		
	Healthy Habits for two	HHf2	11,144	11,98	11,5	
	Odense Child Cohort (Birthcohorts, 2021; Odense Child Cohort, 2021)	OCC	2,553	2,874	2,693	
Faroe Islands	Children's Health and the Environment in the Faroes	CHEF 1	1,022	1,022		
		CHEF 3	656	656		
		CHEF 5	491	491	282	
Finland	FinnBrain Birth Cohort Study (Birthcohorts, 2021; Karlsson et al., 2018)	FinnBrain	4,04	4,011	2,8	
	Health and Early Microbiota	HELMi	1,055	1,063	1,039	
	Helsinki Birth Cohort Study (Eriksson, 2006; Helsinki Birth Cohort Study, 2021)	HBCS	13,345			
	Kuopio Birth Cohort	KuBiCo	4,7	4,7		
	LUKAS		442	442	418	
	The Northern Finland Birth Cohort Studies (NFBC, 2021)	NFBC 1966	12,231	12,055		
		NFBC 1986	9,479	9,362		
Perinatal Adverse events and Special Trends in Cognitive Trajectory	PLASTICITY	22,359				

	Steps to the Healthy Development and Well-being of Children	STEPS	1,827	1,797	1,658	
France	Endocrine disruptors: Longitudinal study on pregnancy abnormalities, infertility, and childhood	PÉLAGIE	4	4		
	Etude Longitudinale Francaise depuis l'Enfance	ELFE	20			
	Pollution and Asthma Risk: An Infant Study	PARIS	3,84	3,84		
	Study on the pre and early postnatal determinants of child health and development	EDEN	1,9	2	1,8	
	Asthma Multicentre Infants Cohort Study- Perinatal Asthma and Environment Longterm Allergy Study(Illi et al., 2014)	AMICS-PAULA	526	513		
	Baby Care Cohort (Kirschner & Friese, 2012)	Baby Care	12,555	12,555		
	Berlin Pregnancy Cohort	BPC	623	978		
	Bielefeld Birth cohort study (Spallek et al., 2017)	BaBi study	995	995		
	Childhood Obesity - Early Programming by Infant Nutrition (Koletzko et al., 2009)	CHOPIN-Germany	281	281	281	
	Dortmund Nutritional and Anthropometric Longitudinally Designed Study	DONALD	1,3	1,3	1,3	
	Duisburg (Birthcohorts, 2021; Wilhelm et al., 2008)		234	234		
The EuroPrevall birth cohort- Berlin (Keil et al., 2010; McBride et al., 2012)		1,57	1,57	1,57	+siblings	

Germany	German Infant Study on the influence of Nutrition Intervention (Birthcohorts, 2021; von Berg et al., 2003)	GINIplus	5,991			
	Influence of life-style factors on the development of the immune system and allergies in East and West Germany	LISAplus	3,097			
	Kids birth cohort study (Brandstetter et al., 2019)	KUNO	2,492	2,462	1,412	
	LIFE Child		3,5	2,5	1	
	Lifestyle and environmental factors and their Influence on Newborns Allergy risk	LiNA	629	622		
	Loewen KIDS		783			
	Multizentrische Allergie Studie	MAS-90	1,314	1,314	1,314	
	Prenatal Identification of Children's Health	PRINCE	750	750		
	Study on the Prevention of Allergy in Children in Europe – Freiburg (Halmerbauer et al., 2003)	SPACE-Freiburg	862			
	Survey of Newborns in Pomerania	SNiP-study	4,84			
Greece	The EuroPrevall birth cohort- Athens (Keil et al., 2010; McBride et al., 2012)		1,08	1,08	1,08	+siblings
	Mother Child Cohort in Crete	RHEA	1,59	1,61	37	
	Public health impact of long-term, low-level mixed-element exposure in susceptible population strata: Mediterranean Cohort- Greek Islands (Miklavčič et al., 2013)	PHIME-Greece	484	484		
Iceland	The EuroPrevall birth cohort- Reykjavik (Keil et al., 2010; McBride et al., 2012)		1,341	1,341	1,341	+siblings

Ireland	Babies After SCOPE: Evaluating the Longitudinal Impact using Neurological and Nutritional Endpoints	BASELINE	2,185			
	The Cork Nutrition Maternal-Infant Cohort Study	COMBINE	456	456		
	Growing Up in Ireland (Infant Cohort/Cohort '08) (Williams et al., 2012)	Cohort '08	11,1	11,1	11,1	
	Lifeways Cross-Generation Cohort Study	Lifeways Cross Gen.	1,074	1,061	325	
	Maternal health And Maternal Morbidity in Ireland (MAMMI, 2021)	MAMMI		2,503		
	Randomized control trial of Low glycemic index diet	ROLO	720	720		
Italy	Bologna Birth Cohort	Co.N.ER	654	651	593	
	Childhood Obesity - Early Programming by Infant Nutrition (Koletzko et al., 2009)	CHOPIN- Italy	415	415	415	
	The EuroPrevall birth cohort- Milan (Keil et al., 2010; McBride et al., 2012)		1,486	1,486	1,486	+siblings
	Genetica e Ambiente: Studio Prospettico dell'Infanzia in Italia	GASPII	708	693	693	
	Italian prospective Cohort of term and late preterm Newborns	ICON	2,314			
	Mamma & Bambino		274	411		
	Public health impact of long-term, low-level mixed-element exposure in susceptible population strata: Mediterranean Cohort- Italy (Miklavčič et al., 2013)	PHIME- Italy	900	900		
	Multiple Births Cohort Study Pansieri 2020	MUBICOS	1	500	500	
	NAscere e creSCere in ITAlia	NASCITA	5			
	Nascita e INFanzia: gli Effetti dell'Ambiente	NINFEA	6,832	6,798		

	Nascere in Friuli Venezia Giulia (prospective studies on children in Italian region of Friuli Venezia Giulia-FVG region) (Pitter et al., 2016)		All children that were born in this region and are in administrative data			
	Neonatal Environment and Health Outcomes	NEHO	860	860	860	
	Piccolipiù		3,338	3,338	3,3	
	Trieste child development cohort	Trieste cohort	900	900		
Lithuania	The EuroPrevall birth cohort- Vilnius (Keil et al., 2010; McBride et al., 2012)		1,556	1,556	1,566	+siblings
	Kaunas cohort	KANC	4,405	4,329	4,3	
Netherlands	Amsterdam Born Children and their Development	ABCD	6,161	8,266	2,27	
	Dutch famine birth cohort study	DFBCS	741	741		
	The EuroPrevall birth cohort- Amsterdam (Keil et al., 2010; McBride et al., 2012)		976	976	976	+siblings
	Generation R		10	97,78	6,5	
	Groningen Expert Center for Kids with Obesity	GECKO Drenthe	2,997			
	KOALA Birth Cohort Study (Birthcohorts, 2021; Kummeling et al., 2005)	KOALA	2,843	2,9	2,9	
	Lifelines NEXT (Birthcohorts, 2021; Lifelines, 2021)		three-generation cohort: 15,000 children (aged 0-18 years) 140,000 adults (aged 18-65 years) 12,000 elderly (65+ years).			
	The Lucki Birth Cohort Study (Birthcohorts, 2021; de Korte-de Boer et al., 2015)	Lucki	5			

	Maastricht essential fatty acid birth cohort (Birthcohorts, 2021; Wurff et al., 2015)	MEFAB	1,203	1,203		
	PRegnancy and Infant DEvelopment Study	PRIDE Study	3,2	5,3	2,1	
	Prevention and Incidence of Asthma and Mite Allergy (Birthcohorts, 2021; PIAMA, 2012)	PIAMA	3,963	4,146	4,116	
	Prevention of Asthma in Genetically Susceptible Children (Kuiper et al., 2005)	PREVASC	888	888		
	Rotterdam Periconception Cohort	Predict Study	1,5	2	1,5	
	Wheezing Illnesses Study in LEidsche Rijn (Birth cohorts, 2021; Katier et al., 2004)	WHISLER	2,5	1	1	
Norway	ArcRisk-Norway: Northern Norway mother-and-child contaminant cohort study (Veyhe et al., 2012)	MISA – Arctic Norway	515	515		
	Environment and Childhood Asthma Study in Oslo (Lødrup Carlsen, 2002; Lødrup Carlsen et al., 2006)	ECA	3,754			
	Norwegian Human Milk Study	HUMIS	2,5	2,5	2,4	
	The Norwegian Influenza Pregnancy Cohort Study (NorFlu, 2021)	NorFlu	4,5	4,5		
	Norwegian Microbiota Study (Eggesbø et al., 2011)	NoMIC	601	601		
	Norwegian Mother, Father and Child Cohort Study	MoBa	108,5	90,7	72,1	
Poland	Childhood Obesity - Early Programming by Infant Nutrition (Koletzko et al., 2009)	CHOPIN-Poland	275	275	275	
	The EuroPrevall birth cohort- Lodz (Keil et al., 2010; McBride et al., 2012)		1,513	1,513	1,513	+siblings
	Kraków Cohort		505	528		
	Polish Mother and Child Cohort Study	REPRO_PL	1,8	1,8		

Portugal	Geração XXI (Alves et al., 2011; Birthcohorts, 2021)	G21	8,27	8,127	4,351	
	Gestão Integrada Saúde e Ambiente	GISA	1,645	1,645		
Russian Federation	Russian Moscow newborns 2011 eczema	RuMos	393	393	393	2,748
Slovakia	Slovak PCB study		1,134	1,134		
Slovenia	Public health impact of long-term, low-level mixed-element exposure in susceptible population strata : Mediterranean Cohort- Slovenia (Miklavčič et al., 2013)	PHIME-Slovenia	584	584		
Spain	Asthma Multi-centre Infants Cohort Study (Fríguls et al., 2009)	AMICS-Barcelona	487	480		
		AMICS-Menorca	482	475		
	Childhood Obesity - Early Programming by Infant Nutrition (Koletzko et al., 2009)	CHOPIN-Spain	452	452	452	
	ECLIPSES		400	700	500	
	The EuroPrevall birth cohort- Madrid (Keil et al., 2010; McBride et al., 2012)		1,387	1,387	1,387	+siblings
	Genetics, Environmental, Exposures and Infant Development in Andalucía (Aguilar-Lacasaña et al., 2021; Birthcohorts, 2021)	GENEIDA	800	800		
	INfancia y Medio Ambiente	INMA	3,768	3,944	3,944	
	Nutrition in Early Life and Asthma (Birthcohorts, 2021; Suárez-Martínez et al., 2021)	NELA	738	738		

Sweden	All Babies in Southeast Sweden	ABIS	17	17	17	
	Assessment of Lifestyle and Allergic Disease During Infancy (Stenius et al., 2011)	ALADDIN	330	330	330	+siblings
	Biology, Affects, Stress, Imaging and Cognition (BASIC, 2021)	BASIC	2,866	6,387		
	Born into Life (Smew et al., 2018)		107	107		
	Children (Barn), Allergy, Milieu, Stockholm, Epidemiological study	BAMSE	4,089	4,089	4,089	
	Helsingborg Birth Cohort 1964-1967	HbgBC	4,982	4,982		
	LifeGene (Almqvist et al., 2011; LifeGene, 2021)		50 799 participants			
	The Uppsala-Stockholm Assisted Reproductive Techniques Study (Iliadou et al., 2019; UppStART, 2011)	UppSTART		514(129 pregnancies)	457	
Switzerland	Bern-Basel Infant Lung Development Cohort	BILD	400	400		
Turkey	Bogazici Mother-Baby Relationship Project	BABIP	150	150		
Ukraine	Family and Children of Ukraine (European Longitudinal Study of Pregnancy and Childhood)	FCOU	4,51	4,51	4,51	
	Asthma Multi-centre Infants Cohort Study (Fríguls et al., 2009)	AMICS-Ashford	642	634		

United Kingdom

Avon Longitudinal Study of Parents & Children/Children of the 90s (European Longitudinal Study of Pregnancy and Childhood)	ALSPAC	14	14	20	1
Baby Biome Study	BBS	3,401	3,401		
Born in Bradford (BiB, 2018)	BiB	14	14	3	
The EuroPrevall birth cohort-Southampton (Keil et al., 2010; McBride et al., 2012)		1,14	1,14	1,14	
Gateshead Millennium Study	GMS	1,029	1,011		
Growing Up in Scotland (GUS, 2017)	GUS Birth cohort 1	5,502			
	GUS Birth cohort 2	6,127			
Growing Up in Wales: Environments for Healthy Living	EHL	420	420		
European Longitudinal Study of Pregnancy and Childhood: Isle of Man Birth Cohort Study (Birthcohorts, 2021; Goodfellow et al., 2013)	ELSPAC: Isle of Man	1,314	1,384	1,384	
Isle of Wight Birth Cohort (Arshad et al., 2018)	IOWBC	1,536	1,509		
Leicester Respiratory Cohorts	LRC	10,35			
Merthyr Allergy Study		497	491		
Newcastle Thousand Families Study (Pearce et al., 2009)	1000 Families Study	1,146			

Study of eczema and asthma to observe the effects of nutrition (Martindale et al., 2005)	SEATON	1,924	2		
Study on the Prevention of Allergy in Children in Europe (Halmerbauer et al., 2003; Tsitoura et al., 2002)	SPACE- Newport	430			
Southampton Women's Survey	SWS	3,158	12,583	3,158	
Wirral Child Health and Development Study (Sharp et al., 2012)	WCHADS	1,233	1,233	1,014	

Scientific area

Atopic disease

Breastfeeding

Childhood obesity

Determinants of exposure

Asthma

Environmental pollutants and health outcomes

Metabolic Syndrome

health risk-assessment of long-term, low-level environmental exposure to toxic and essential metals

Pregnancy, childbirth and its development

c-PAHs and fine particles and intrauterine growth

Epidemiological factors influencing children's health

Data resource for research; various aspects of pregnancy, birth, and neonatal care

Mental health problems

Atopic diseases

Chronic inflammatory diseases (asthma, etc.)

allergic diseases

Exposures in early life

Risk behaviours and their impact (campaign)

Determinants for health and disease

Exposure to environmental chemicals

Stress exposures on child (brain) development

Intestinal microbiota development

Health influences of early growth

Multiple factors and health and disease

Exposures and respiratory symptoms and development of the immune system

Genetic, biological, social or behavioral risk factors for diseases

Perinatal adverse events and brain at middle and older age

Problems in child health and well-being

Chemical exposure and defects and diseases

Early life exposures and their outcomes

Respiratory and allergic symptoms and behavioural/environmental factors

Pre- and post-natal determinant of the development and health

Asthma and atopy

Program for the prevention of preterm birth

Pregnancies at risk and allergy risk

Health inequalities; mental development; allergies

Childhood obesity

Nutrition

Exposure to environmental chemicals

Allergies

natural course of atopic diseases and metabolic disorders; mental health, nutrition

Atopic diseases

Various aspects of child health

Causes of important widespread diseases

Allergies

Infections and the development of the Immune System

Allergic disease

Factors during pregnancy can and children's health

Atopic disease

Neonatal health

Allergies

Prenatal exposures and outcomes, mother's health

health risk-assessment of long-term, low-level environmental exposure to toxic and essential metals

Allergies

Development of diseases

Nutrition and gut bacteria

Child well-being

Health information system

Health problems during pregnancy and the first year after the birth

Low glycemic index diet and postnatal weight

Early life exposure and mother and child health

Childhood obesity

Allergies

Early life exposure and mother and child health

Lower respiratory tract infection during childhood

Early life exposure and mother and child health

health risk-assessment of long-term, low-level environmental exposure to toxic and essential metals

Heritability and gene-environment interaction in twins

Health status of Italian children early on

Exposures during pre-natal and early post-natal life

Wellbeing and health of the children

(Region-wide control for wellbeing and public health)

environmental risk factors for placental function, pregnancy outcomes and newborns' health outcomes

Environmental exposures and infant and child health and development

Environmental, social, and genetic factors and neurocognitive development

Allergies

Risk factors for adversely pregnancy outcomes

Prenatal exposures and the child's health

Prenatal exposure to the Dutch famine and health

Allergies

Factors that influence the health of children in Rotterdam

Childhood obesity

Allergies and asthma; growth and development

Early life factors and health

(biobank)

Exposures; atopic diseases; obesity

Early essential fatty acid status and development and health

Exposures and health outcomes

Asthma, allergies and lung function

Asthma

Exposures and health outcomes

Determinants for wheezing illnesses

Pollutant levels in maternal blood during pregnancy and in mother's milk

Air pollution and asthma development

Levels of environmental toxicants in breast milk

Effects of maternal influenza infection on the fetus

Gut microbiota in infancy and its development

Causes of disease

Childhood obesity

Allergies

PAH exposure and birth outcomes

Exposure and health outcomes

Child health and development

Environmental air pollution
and birth weight and
gestational age

Allergy manifestation in
relatives of newborns and
their tendency for atopic
disease

Pollutant exposure and
neurobehavioral and
immunologic development

health risk-assessment of
long-term, low-level
environmental exposure to
toxic and essential metals

Atopy and

asthma

Childhood obesity

Environmental factors, during
pregnancy and newborn
cognitive development

Allergies

Exposure to environmental
pollutants and the fetal
growth and development,
neurodevelopment;
biomarkers

Environmental pollutants and
children's' growth and
development

Nutrition during pregnancy
and early postnatal life and
health outcomes

Environmental and genetic factors and Type 1 Diabetes, and other immune-mediated diseases

Exposure during pregnancy

and infancy in children of families with an anthroposophic

lifestyle

Women's experience during and after pregnancy

Maternal stress during pregnancy and fetal growth

Asthma, allergic diseases and lung function

Health of Mothers and Offspring

population and health registry

Epigenetic alterations in infants

conceived via ART and those conceived spontaneously; lifestyle factors and ART procedure-specific outcomes and pregnancy outcomes

Physiological properties of the respiratory system; environmental and genetic risk factors and lung development

Prenatal environment and fetal development and health

Epidemiological factors influencing children's health

Atopy and asthma

Epidemiological factors
influencing children's health

Microorganisms, the immune
system, and clinical, social,
and behavioural factors
during pregnancy and early
life influence later health and
disease

Reasons for ill health;
improving child health and
wellbeing

Allergies

Child health; growth and
development in childhood

Children's wellbeing in
Scotland

Environmental and
behavioural exposures on the
health of offspring

Epidemiological factors
influencing children's health

Asthma and allergic diseases

Wheezing disorders and
other common respiratory
problems

Allergies and infant feeding
and various environmental
factors

Infections in infancy and
other health

outcomes, educational
performance and family life

Mother's diet during pregnancy and child's risk for getting asthma and allergies

Atopic disease

Maternal pre-conception and pregnancy factors and child's health

Early social, emotional and biological risks and processes and childhood conduct problems