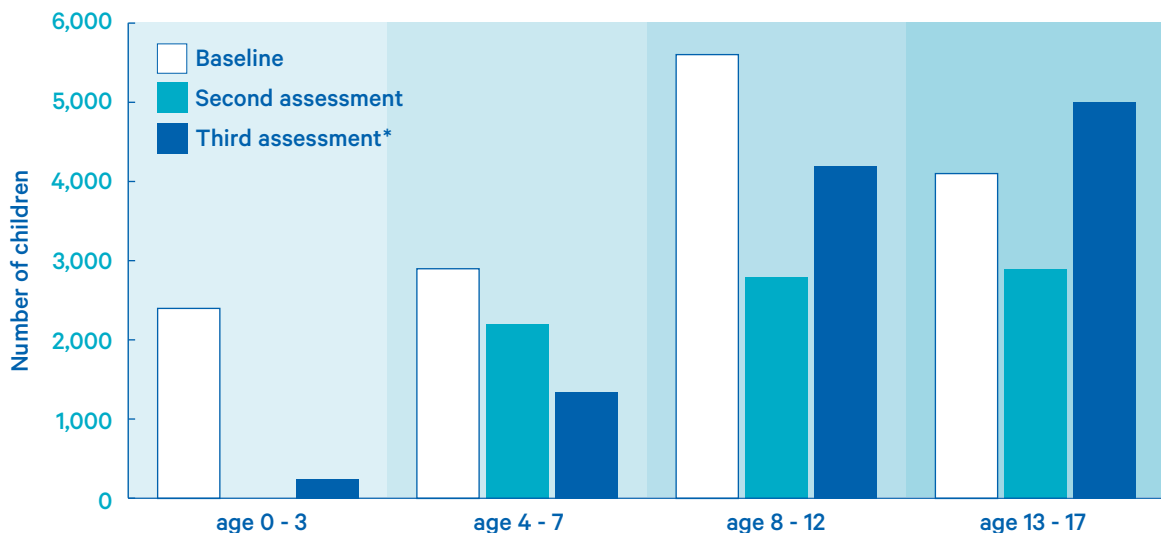




Since 2006 Lifelines participants have cooperated in a wide variety of assessments that make our data collection as broad and varied as it is today. The Lifelines cohort also includes children. This data overview provides information on the number of children (up to and including age 17) from whom we collected data.

general information children in cohort

Total number of children (0-18) at baseline	15,000
Number of children that also participated at second assessment	7,900
Number of children at start third assessment	10,800



* The numbers at third assessment indicate the approachable children. Additionally we started a new data and biomaterial collection in babies and their parents for an additional study. This baby cohort is included in the age category 0-3 years of the third assessment.

questionnaire data

baby (baseline)



Diaper rash: 36%
Breast-fed: 81%

pet allergy (2nd assessment)



390 children with a pet allergy;
of which 52% do have a pet

divorced parents



	Baseline	New cases 2nd assessment
8-12	500	400
13-17	420	340

child bullied at school or street

	Baseline	New cases 2nd assessment
8-12	440	170
13-17	190	30

primary school

	Baseline	New cases 2nd assessment
Grade retention in primary school	1,100	180
Grade skipping in primary school	400	60

about this page

The data examples on this page are meant to provide insight into the wide variety of information gathered at Lifelines. Aside from these examples, information on many more topics are available; e.g. vaccinations, sports, electronics usage, education level, physical activity or nutrition. Furthermore, we offer two possibilities to enrich the already collected data:

1. through data linkage with other sources, like Statistics Netherlands (CBS) and
2. through additional data collection via questionnaires and/or samples.

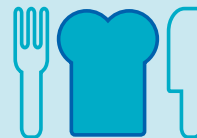
For more information please contact us:
research@lifelines.nl.

substance use (baseline, 13-17 years old)

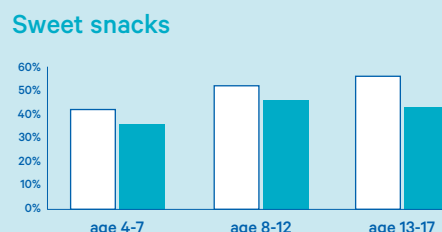
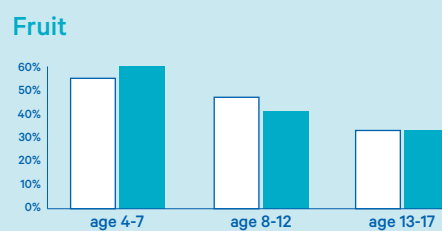


	Answered by parents	Answered by child
Alcohol (ever)	40.0%	58.4%
Drugs (ever)	2.3%	6.3%
Smoking (ever)	-	32.5%
Smoking (daily)	6.5%	6.8%

food (all days of the week...)



Legend: █ Baseline █ Second assessment



measurements

anthropometry



	Baseline	2nd assessment
	9,500	6,500

blood pressure



	Baseline	2nd assessment
	9,500	6,500

cogstate



	Baseline	2nd assessment
	-	2,000

electrocardiography



	Baseline	2nd assessment
	1,500	-

jump function



	Baseline	2nd assessment
	-	5,500

lung function



	Baseline	2nd assessment
	9,500	-

samples

All samples are stored at -80 °C. This is not a complete overview of all samples collected.
If you are interested in (collecting) other samples you can contact us at research@lifelines.nl.

plasma samples (blood)



	Baseline	2nd assessment
8-12 years old	25,500	20,500
13-17 years old	37,500	17,500

serum samples (blood)



	Baseline	2nd assessment
8-12 years old	8,500	6,500
13-17 years old	7,500	6,500

timed overnight urine samples from children



	Baseline	2nd assessment
8-12 years old	39,000	10,500
13-17 years old	29,000	3,500

24h urine from children



	Baseline	2nd assessment
8-12 years old	4,500	0
13-17 years old	3,500	3,000

feces



	Baseline	2nd assessment
8-12 years old	-	550
13-17 years old	-	250

lifelines – frequency of disease occurrence

These numbers are exclusively based on questionnaire data from child Lifelines participants, from 2006 till 2019 (± 15,000 child participants). Not every question was repeated in follow up questionnaires. Therefore, newly reported cases are not always available (-).
More detailed info on disease prevalence and multimorbidity are available on request.

respiratory health

asthma

baseline	new cases	2nd assessment
1,400	250	

bronchitis

baseline	new cases	2nd assessment
1,400	-	

dyspnea

baseline	new cases	2nd assessment
3,600	-	

pneumonia

baseline	new cases	2nd assessment
700	-	

surgery

appendicitis

baseline	new cases	2nd assessment
100	-	

removing tonsils

baseline	new cases	2nd assessment
2,600	-	

tubes in ears

baseline	new cases	2nd assessment
1,300	-	

other

baseline	new cases	2nd assessment
1,600	-	

other

glasses / contact lenses

baseline	new cases	2nd assessment
2,100	700	

hearing aid

baseline	new cases	2nd assessment
30	<10	

general

diabetes

baseline	new cases	2nd assessment
30	-	

allergy (one or more)

baseline	new cases	2nd assessment
2,000	1,300	

hay fever

baseline	new cases	2nd assessment
4,100	200	

abdominal pain

baseline	new cases	2nd assessment
10,200	90	

acne

baseline	new cases	2nd assessment
2,200	250	

constipation

baseline	new cases	2nd assessment
3,300	100	

urinary tract infection

baseline	new cases	2nd assessment
1,400	20	

warts

baseline	new cases	2nd assessment
6,500	150	

eczema

baseline	new cases	2nd assessment
3,400	-	

PDD-NOS, Asperger, autism

baseline	new cases	2nd assessment
-	200	



* Most questions asked during 2nd assessment refer to whether the participant experienced the health issue in the last 12 months prior to filling in the Lifelines questionnaire.