

# Pure fruit juice, fruit, sugar-sweetened beverages and asthma

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Sugar-sweetened beverages (SSBs) have been associated with a higher risk of asthma and are popular among children and adolescents, while fruit consumption have been associated with a lower risk of asthma. The sugar content of pure fruit juice is...

|                             |   |
|-----------------------------|---|
| <b>Ethische beoordeling</b> | Positief advies                                     |
| <b>Status</b>               | Werving gestart                                     |
| <b>Type aanpak</b>          | -   |
| <b>Onderzoekstype</b>       | Observationeel onderzoek, zonder invasieve metingen |

## Samenvatting

### ID

NL-OMON21177

### Bron

NTR

### Verkorte titel

TBA

### Aandoening

asthma

## Ondersteuning

**Primaire sponsor:** Netherlands Organisation for Scientific Research, the Netherlands Organisation for Health Research and Development, the Lung Foundation of the Netherlands, the Netherlands Ministry of Planning, Housing, and the Environment; the Netherlands Ministry of Health, Welfare, and Sport; and the National Institute for Public Health and the Environment.

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## Onderzoeksproduct en/of interventie

### Uitkomstmaten

#### Primaire uitkomstmaten

Asthma prevalence

## Toelichting onderzoek

### Achtergrond van het onderzoek

The aim of this study is to investigate the association of pure fruit juice, SSBs and fruit consumption with asthma in 11-20-year-olds participating the Dutch Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort.

### Doel van het onderzoek

Sugar-sweetened beverages (SSBs) have been associated with a higher risk of asthma and are popular among children and adolescents, while fruit consumption have been associated with a lower risk of asthma. The sugar content of pure fruit juice is comparable to that of sugar-sweetened soft drinks. However, in contrast to SSBs, pure fruit juice contains vitamin C and polyphenols which seem to be protective factors for asthma.

### Onderzoeksopzet

Ages of 11, 14, 17 and 20 years.

## Contactpersonen

### Publiek

National Institute for Public Health and the Environment (RIVM)  
Floor Scheffers

030 274 4339

### Wetenschappelijk

National Institute for Public Health and the Environment (RIVM)

Floor Scheffers

030 274 4339

## Deelname eisen

### Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

11-20 years old participating in the Dutch Prevention and Incidence of Asthma and Mite Allergy (PIAMA) birth cohort

### Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

No information available on asthma at all ages (11, 14, 17 and 20)

## Onderzoeksopzet

### Opzet

|                  |   |
|------------------|---|
| Type:            | Observationeel onderzoek, zonder invasieve metingen |
| Onderzoeksmodel: | Anders  |
| Toewijzing:      | N.v.t. / één studie arm                             |
| Blinding:        | Open / niet geblindeerd                             |
| Controle:        | N.v.t. / onbekend                                   |

### Deelname

|                         |                      |
|-------------------------|----------------------|
| Nederland               |                      |
| Status:                 | Werving gestart      |
| (Verwachte) startdatum: | 01-04-2021           |
| Aantal proefpersonen:   | 40000                |
| Type:                   | Verwachte startdatum |

## Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

### Ethische beoordeling

Positief advies

Datum: 18-05-2021

Soort: Eerste indiening

### Registraties

#### Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

#### Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

#### In overige registers

| Register       | ID  |
|----------------|---|
| NTR-new        | NL9481  |
| Ander register | Rotterdam MEC, Groningen MEC, Utrecht MEC-TNO : Rotterdam: MEC 132.636/1994/39 and 137.326/1994/130; Groningen: MEC 94/08/92; Utrecht, MEC-TNO 95/50) |

### Resultaten