

ORANG ASLI HEALTH SURVEY OAHHS 2022



KEY FINDINGS

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Orang Asli Health Survey 2022 (NMRR-19-3108-50999): Key Findings

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01 OVERVIEW OAHS

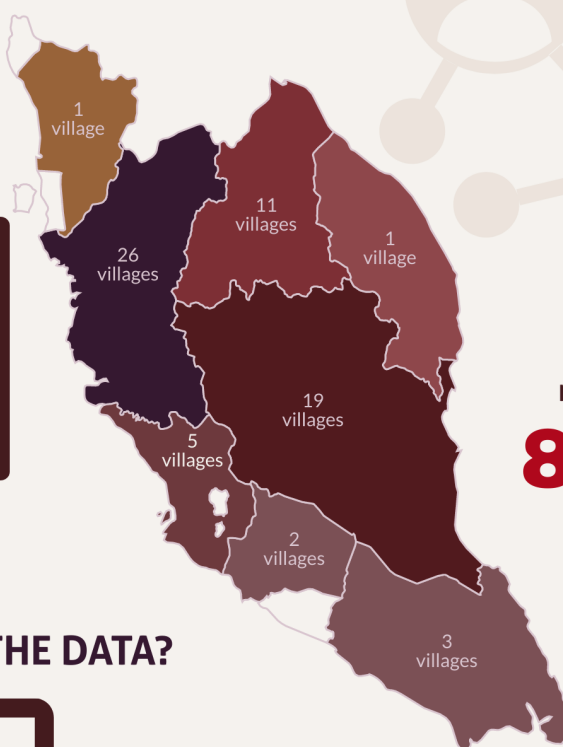
The first survey that provides comprehensive health status of Orang Asli from 3 main tribes (Senoi, Proto-Malay & Negrito) and 3 localities (remote, fringe & urban)

8 STATES
68 VILLAGES

15,950

ORANG ASLI INVOLVED

Represent **206,777** total
Orang Asli population



Overall
response rate

89.8%

HOW DID WE COLLECT THE DATA?



From 20.07 to
13.09



Data collection using
mobile devices or
questionnaire booklets



Cover all topics
from National
Health & Morbidity
Survey (NHMS)



26 field supervisors
120 research assistants
56 nurses

SCOPE:

- ✓ Maternal & Child Health
- ✓ Non-Communicable Diseases
- ✓ Communicable Diseases
- ✓ Nutritional Status
- ✓ Sanitation & Hygiene
- ✓ Healthcare Utilisation
- ✓ Oral Health Status
- ✓ Environmental Pollution

02 CHILDREN VACCINATION COVERAGE



COMPLETE VACCINATION

Children aged 12-23 months with **completed vaccination** based on the National Immunisation Programme and verified by the child health record book



9 in **10**
have
a health
record
book

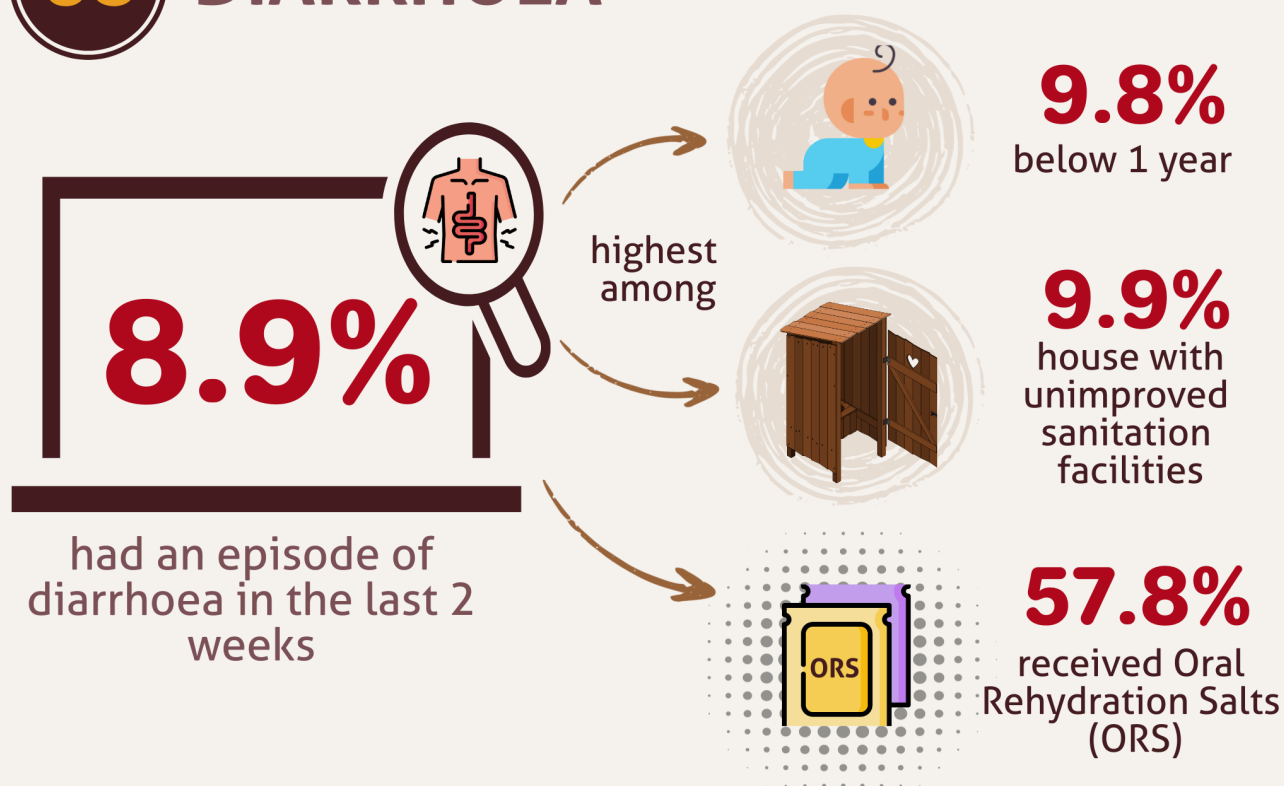
60.7%
have completed
vaccination



Complete vaccination by the tribe locality

	Proto-Malay	Senoi	Negrito
 Remote	53.7%	55.7%	36.5%
 Fringe	67.6%	60.9%	-
 Urban	56.5%		

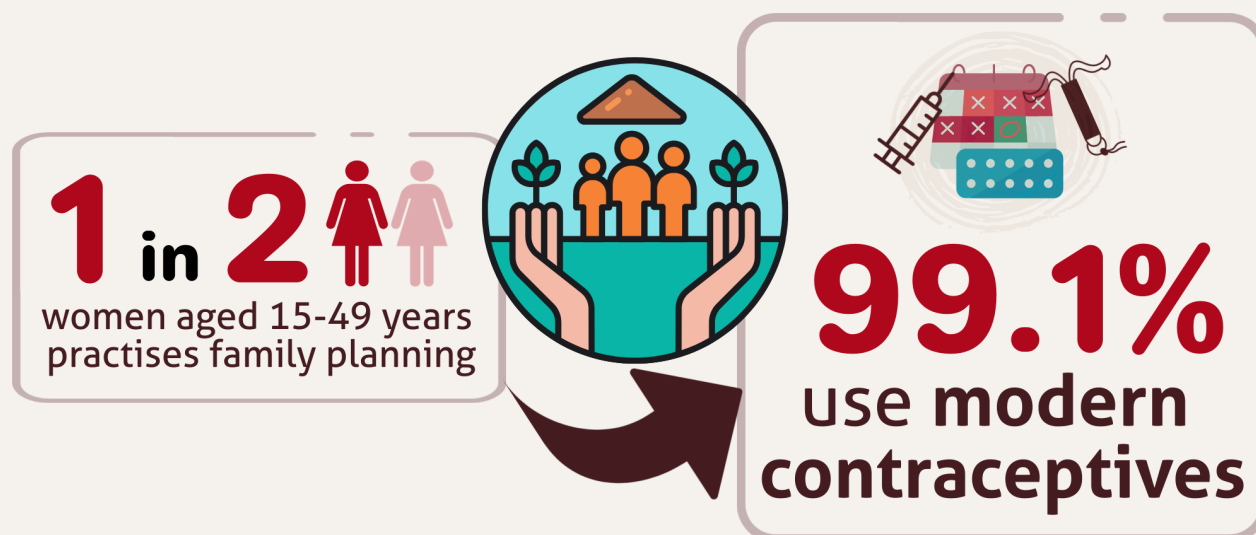
03 DIARRHOEA



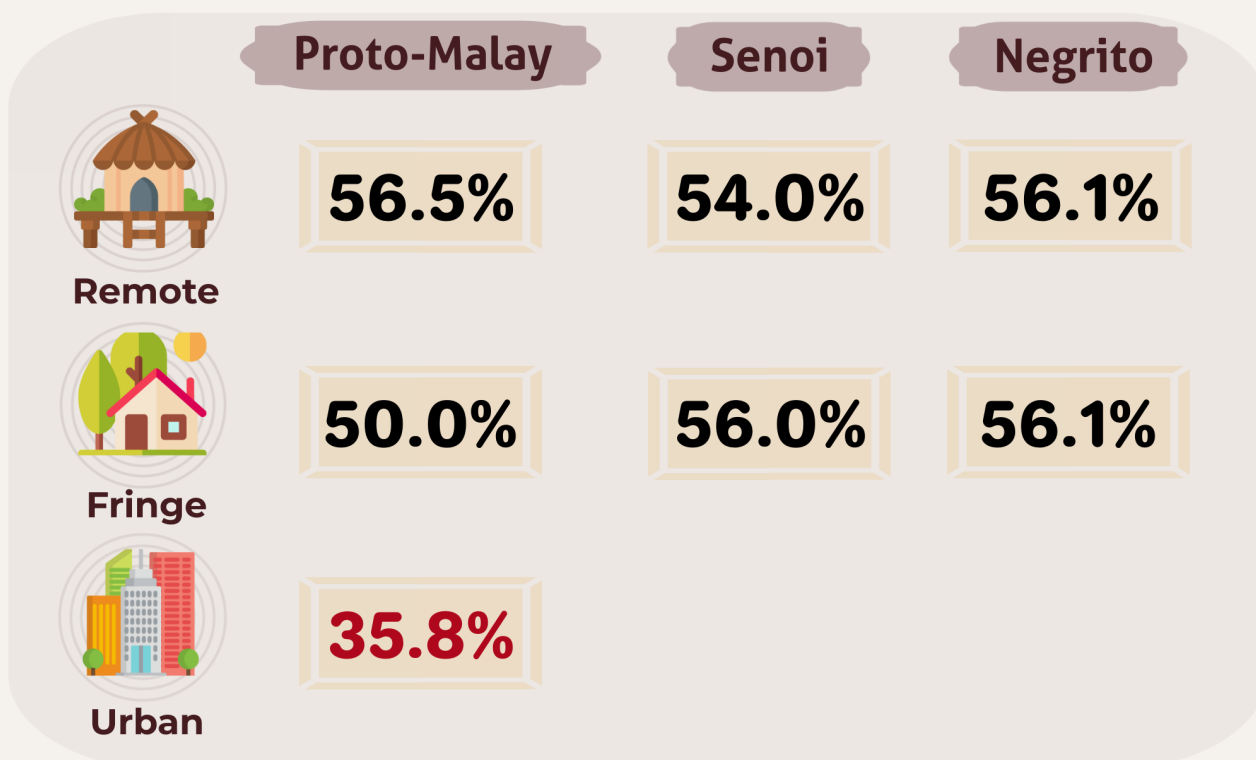
Episode of diarrhoea by the tribe-locality

	Proto-Malay	Senoi	Negrito
 Remote	6.9%	8.0%	11.3%
 Fringe	11.1%	7.8%	5.1%
 Urban	10.3%		

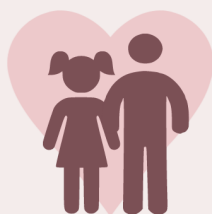
04 FAMILY PLANNING



Modern contraceptives usage by the tribe-locality



05 TEENAGE PREGNANCY



1 in 4

teenagers aged 15-19 years
old is married



1 in 20

teenagers is pregnant

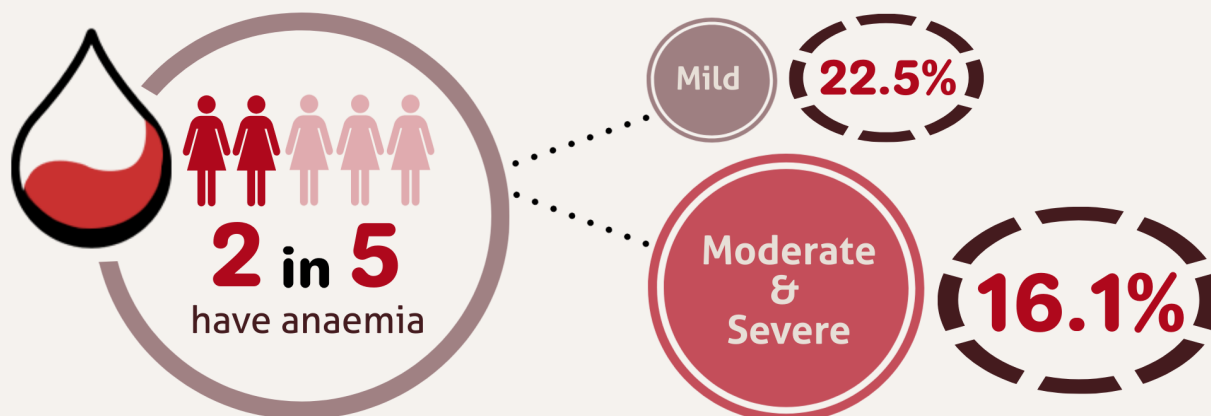
06 UNSAFE CHILDBIRTH

2.7%

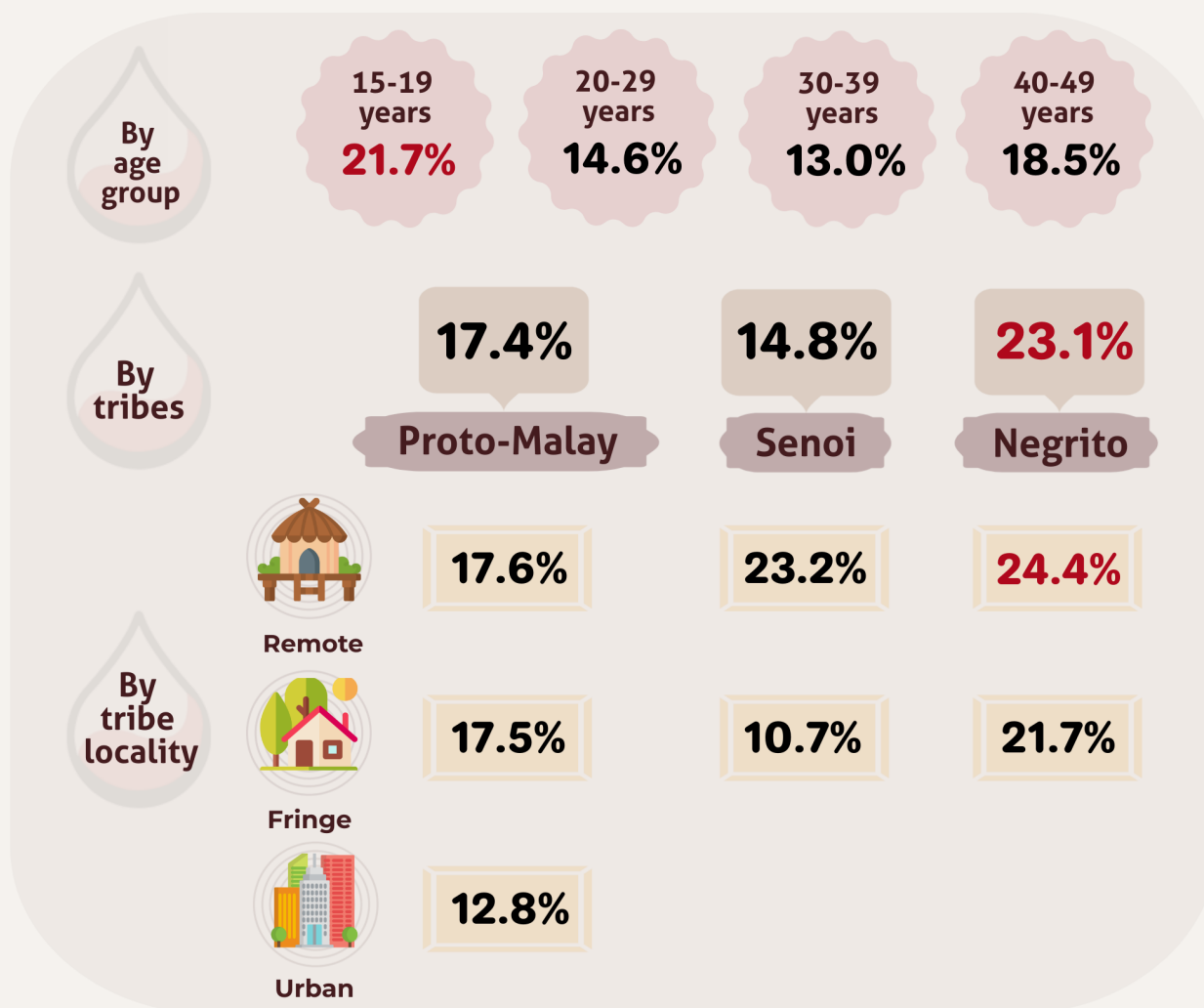
women aged 15-49 years gave birth
without the presence of trained
personnel within the last two years



07 ANAEMIA AMONG NON-PREGNANT WOMAN



Moderate & severe anaemia



08 NON-COMMUNICABLE DISEASES (NCD): A TICKING TIME BOMB

Majority are **unaware** that they are living with a disease

Diabetes

7 in 10

unaware that they have diabetes

16.1%



High Blood Pressure

7 in 10

unaware that they have high blood pressure

31.5%



High Cholesterol

9 in 10

unaware that they have high cholesterol

45.8%



09

ALCOHOL CONSUMPTION & TOBACCO USE



1 in **10** current drinkers



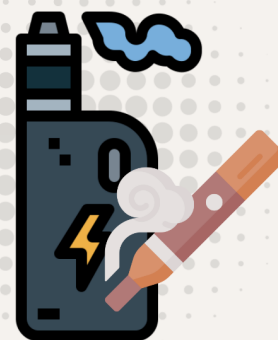
41.1%
drink
alcohol
excessively

46.8%
harmful alcohol
consumption

12.5%
are probable alcohol
dependent drinkers



31.4%
current
smokers



2.3%
current electronic
cigarette (e-cig)/
vape users




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TUBERCULOSIS (TB) AMONG ADULTS



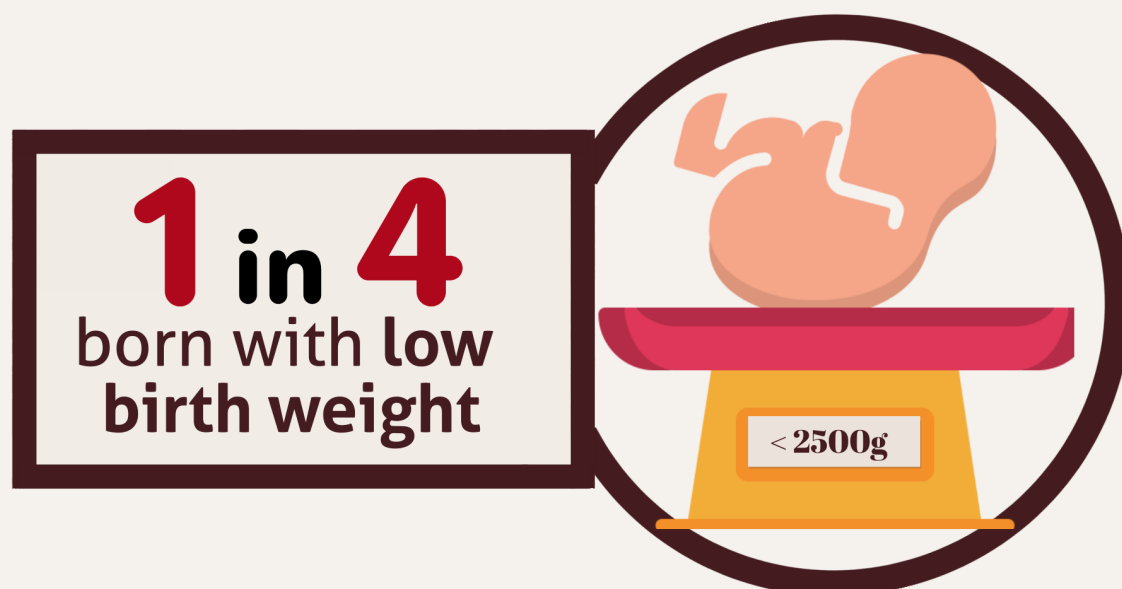
ALMOST
4,000 (3.2%)
 have had TB

Ever had TB by the tribe locality

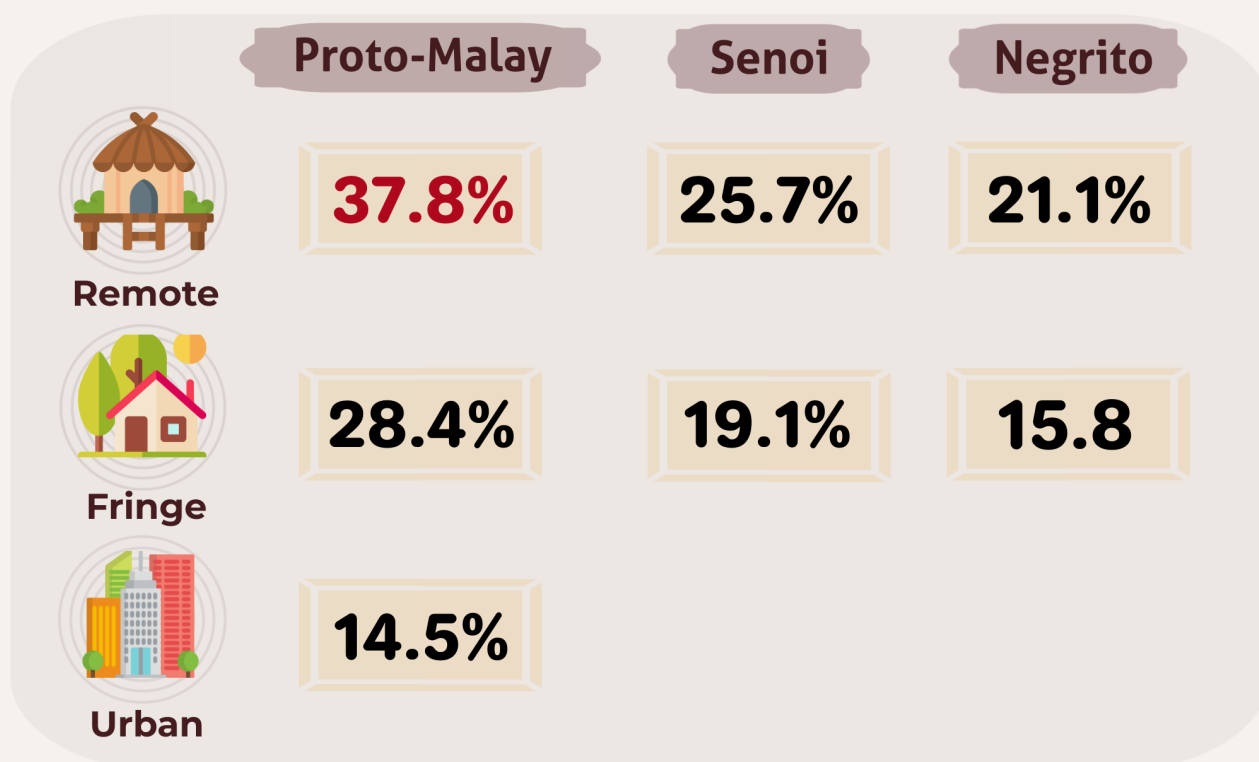
	Proto-Malay	Senoi	Negrito
 Remote	5.5%	3.8%	5.7%
 Fringe	3.6%	-	4.4%
 Urban	3.6%		

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LOW BIRTH WEIGHT



Low birth weight by the tribe locality



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STUNTING AMONG CHILDREN

Below 5
years old**2 in 5**

too short for their age



48.0% ◀ Proto-Malay

48.2% ◀ Senoi

55.8% ◀ Negrito

39.4% ◀ Proto-Malay

44.2% ◀ Senoi

61.5% ◀ Negrito

38.1% ◀ Proto-Malay



Remote



Fringe



Urban

5 to 17
years old**1 in 3**

too short for their age



Proto-Malay ▶ 39.5%

Senoi ▶ 38.0%

Negrito ▶ 48.0%

Proto-Malay ▶ 23.8%

Senoi ▶ 26.3%

Negrito ▶ 45.8%

Proto-Malay ▶ 15.3%

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OVERWEIGHT & OBESITY AMONG ADULTS

3 in 10 adults are **overweight**

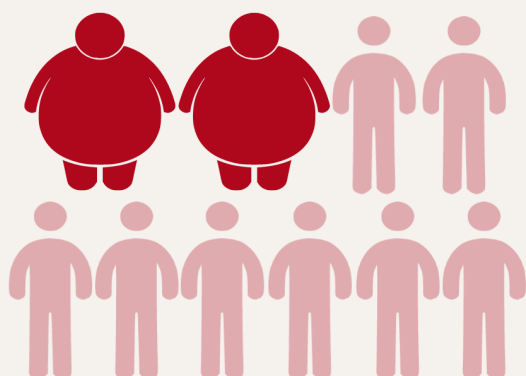
(Body Mass Index (BMI): 25.0 - 29.9 kg/m²)



Senoi	▶	30.0%
Proto-Malay	▶	26.5%
Negrito	▶	23.8%

2 in 10 adults are **obese**

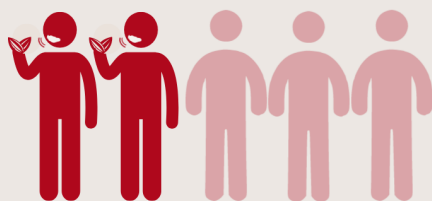
(Body Mass Index (BMI): ≥ 30.0 kg/m²)



Proto-Malay	▶	22.8%
Senoi	▶	22.1%
Negrito	▶	13.6%

14

BETEL QUID CHEWING



2 in 5
practice betel
quid chewing

Proto-Malay ▶ **70.3%**

Negrito ▶ **28.8%**

Senoi ▶ **25.0%**

What is betel quid?

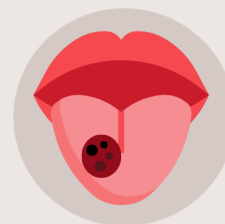
Chewing substance that usually consists of:

- 🌿 **Betel leaf**
- 🌿 **Areca nut**
- 🌿 **Slaked lime**
- 🌿 Sometimes with **tobacco**



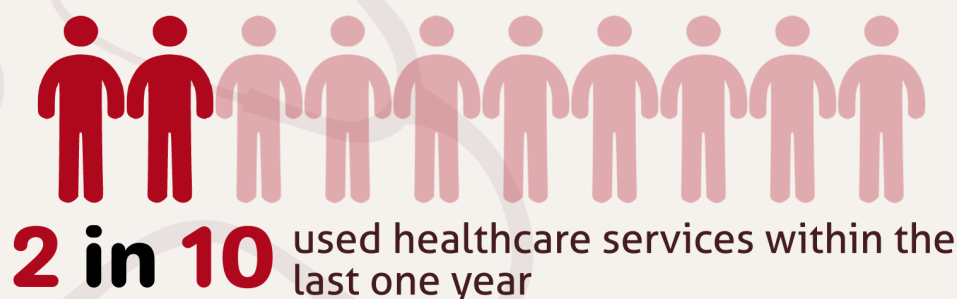
What you need to know?

Betel quid chewing habit is a risk factor
for **mouth cancer**



15

HEALTHCARE UTILISATION

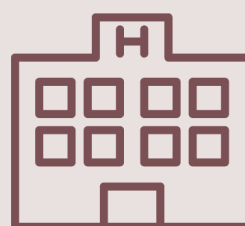


Service utilisation within the last one year

Clinic attendances



Hospital admissions



Top 3 reasons for utilisation



58.7%
common illness
e.g. cough, flu, muscle pains



12.5%
health screening



10.6%
vaccination



29.4%
childbirth



5.4%
planned admission
for symptoms requiring further
examination/investigation



5.1%
stomachache, vomiting,
diarrhoea

ORANG ASLI
HEALTH SURVEY
OAHs
20**22**