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BACKGROUND



The ORIGINS Project is a 10-year collaborative initiative establishing a birth cohort of 10,000 families in the northern suburbs of Western Australia. Comprehensive data and biological samples are collected from participant families at multiple timepoints from pregnancy until the child turns five.

METHODS

Pregnant women (and their partners) were enrolled in early pregnancy (predominantly from Joondalup Health Campus) to participate. Data and biological samples were collected at two levels:

- Active - detailed sampling and data
- Routine - hospital and linked data



RECRUITMENT MILESTONE

Recruitment of active participants ceased as ORIGINS reached the milestone of **4,000 active families**.

In June 2023, **6 years** after the cohort commenced, the **last baby** from the **active participant** cohort was born.

RESEARCH ENGAGEMENT

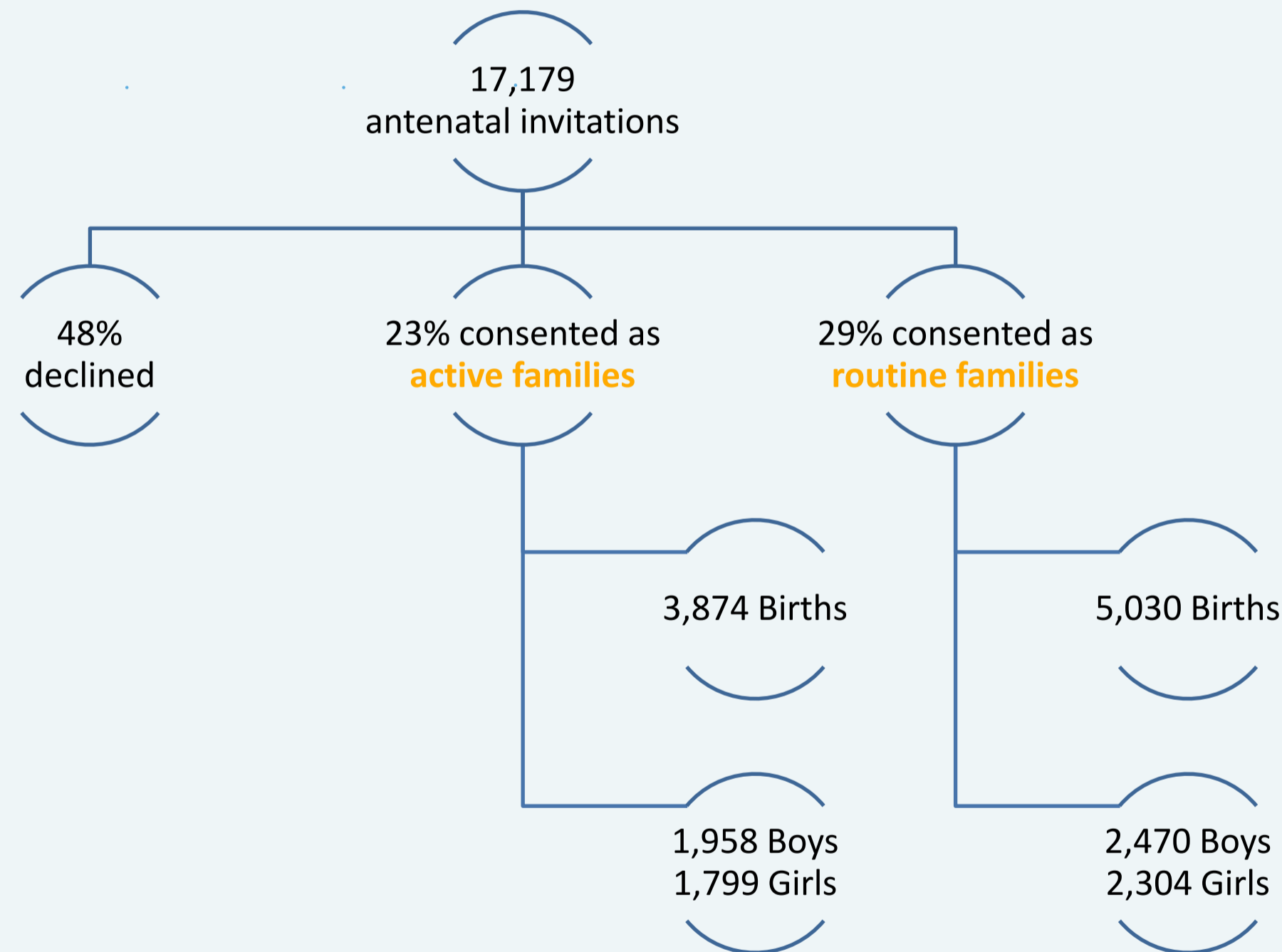
A total of 47 sub-projects have joined ORIGINS:



CONCLUSION

The completion of the active participant recruitment and birth timepoint is **a significant milestone** for The ORIGINS Project. As the cohort continues to be followed up, there is a growing wealth of data and samples available to researchers around the world.

KEY STATISTICS



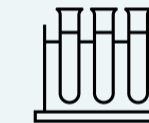
>**20,500** Individuals



>**8,500** Births



>**15M** Data Points



>**350,000** Aliquots



17 PhD students



700 Local, national and international researchers

WHAT'S NEXT FOR ORIGINS?

- Continue with post-birth **follow ups**
- Support **new sub-projects** and **PhD students**
- Assess **kindy readiness** in the 5 year olds
- Expand cohort to include **grandparents** and **siblings**
- Strengthen collaborations with other **WA cohorts** (The Raine Study, Busselton Health study)

With thanks to our funders

