



# CHILDS FRAMEWORK

**Introduction to CHILDS: an  
evidenced-based Population  
Health Management  
approach to child health care**

**THE CHILD HEALTH INTEGRATED  
LEARNING & DELIVERY SYSTEM (CHILDS)**

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# THE CHILDS FRAMEWORK STORY

A COMMITMENT TO DELIVER BETTER AND SMARTER CARE FOR CHILDREN AND FAMILIES

## WHO?



The CHILDS framework was developed by the Children and Young People's Health Partnership (CYPHP) in 2012.

## WHAT?

The CHILDS Framework is a holistic model of care that is data-led, enabling more personalised care, using science applied to everyday care for higher quality care and continuous learning.

## WHY?

The CHILDS framework was created as a response to the challenges confronting the UK health system for children.

## HOW?

The CHILDS Framework enables reduction of health inequalities, by using existing data to proactively target children for early intervention, prevention, and care. Improving health and healthcare at population level, ensuring equitable care for children with the highest needs.

## THE CHILDS FRAMEWORK APPROACH:

- Reverses the [inverse care law](#)
- Proactively seeks out children and their families
- Takes a holistic view of social, cultural and environmental factors
- Strengthens the health system
- Improves healthcare quality
- Improves health outcomes

# OUR POPULATION



Two inner-city boroughs:  
Lambeth and Southwark



643,000 population, with 128,000  
children and young people (CYP, 20%)



45% of CYP population live in the two  
most deprived areas (IDACI\*)



64% of CYP population is from an ethnic  
minority group



Many families experience issues with  
housing (30%) and paying bills (21%)



# OUR HEALTH LANDSCAPE



Commissioners: Lambeth and  
Southwark CCGs and local authorities



Three GP federations (Lambeth,  
Southwark North and Southwark South),  
covering 81 GP Practices



15 Child Health Teams  
➤ ~1 per Primary Care Network  
➤ CYP population size between  
4,700 and 14,000 (average 8,500)



Two major teaching hospitals,  
including two children's hospitals.  
One mental health trust.



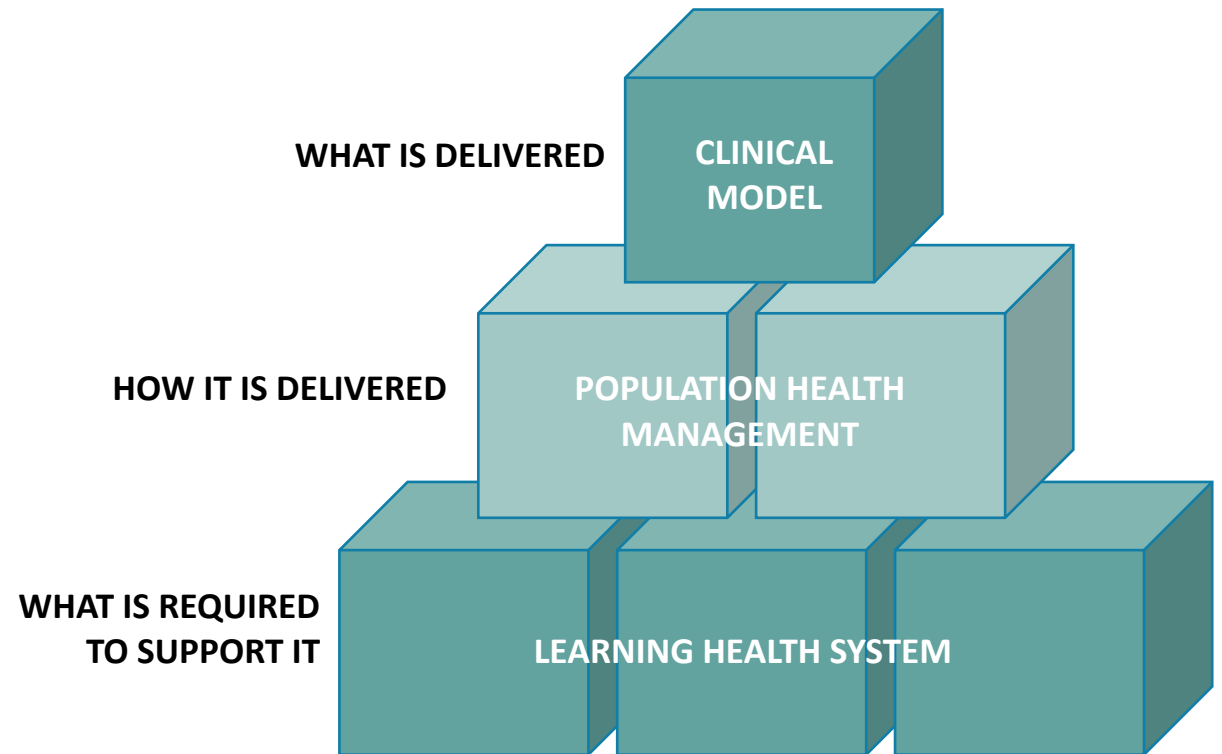
# THE CHILDS FRAMEWORK FOR BETTER HEALTH AND CARE

OUR UNIQUE INTEGRATED CARE PATHWAYS ARE SUPPORTED THROUGH POPULATION HEALTH MANAGEMENT METHODS, AND A STRENGTHENED HEALTH SYSTEM.

Personalised, biopsychosocial, integrated care pathways and early intervention care for children with everyday and long-term conditions.

Smart care pathways are supported through population health management tools and methods, and a strengthened health system.

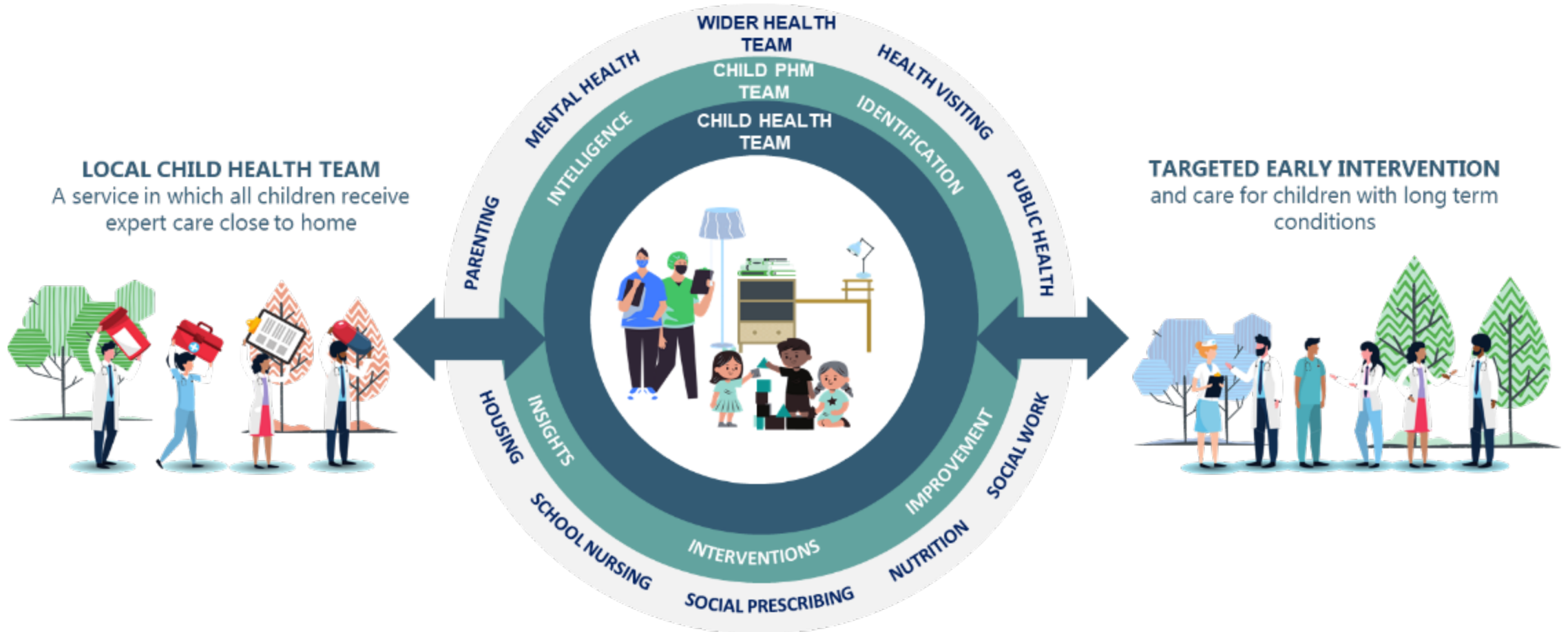
Continuous learning and improvement, on a strengthened health system foundation, provides the basis for effectiveness.



THE CHILDS FRAMEWORK CAN BE APPLIED TO A RANGE OF CONDITIONS, RISKS, AND POPULATIONS.

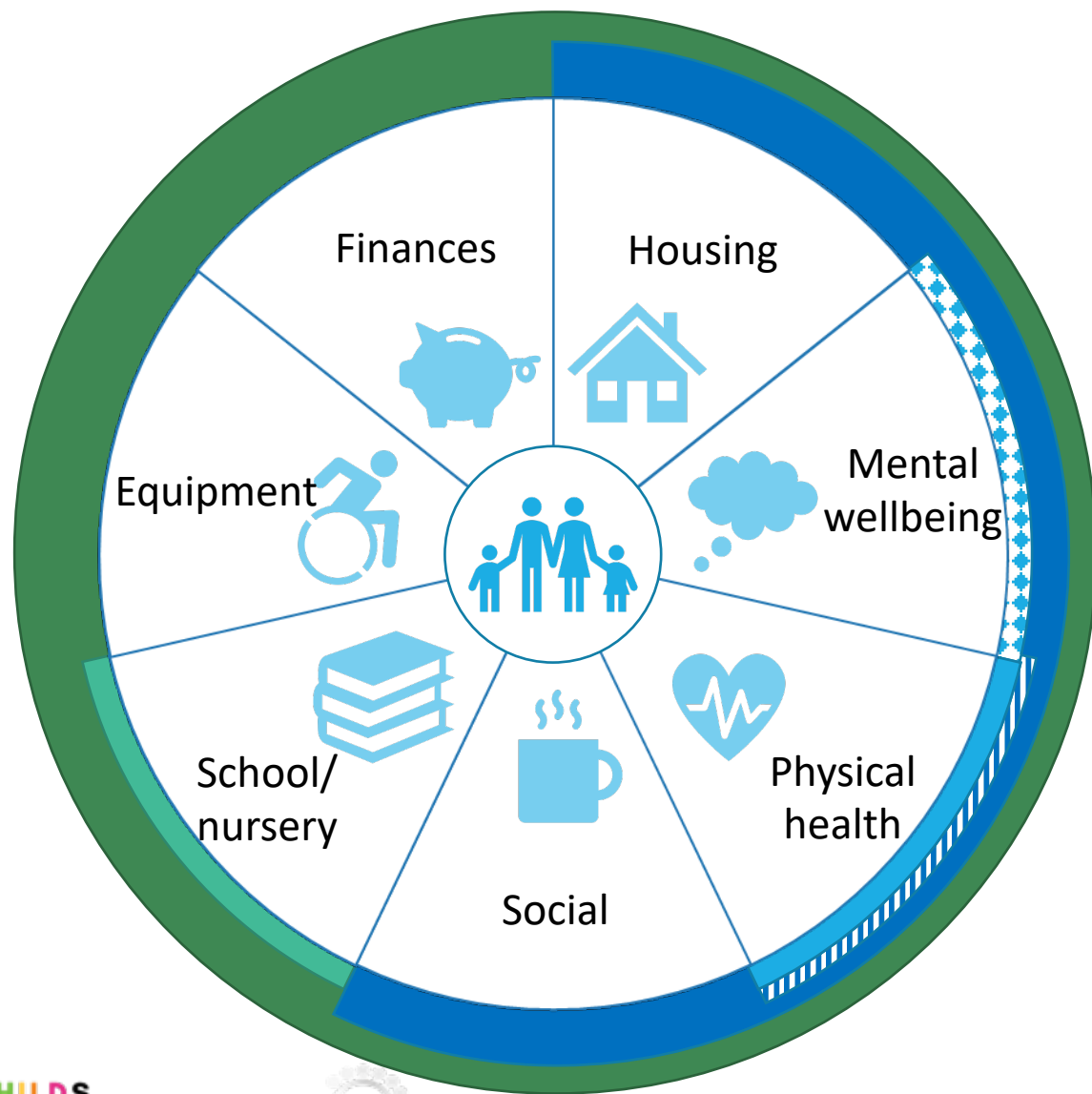
# A PLATFORM OF CARE IN A LOCAL NEIGHBOURHOOD

CORE CHILD HEALTH TEAM AND CARE MODEL ALIGNS WITH WIDER DETERMINANTS FOR CHILD WELLBEING










# A PLATFORM OF CARE IN A LOCAL NEIGHBOURHOOD

CORE CHILD HEALTH TEAM AND CARE MODEL ALIGNS WITH WIDER DETERMINANTS FOR CHILD WELLBEING



## Key and project description

-  ➤ Local child health teams (BAU): Integrated primary and secondary care
-  ➤ Mental health input to local child health teams (pilot)
-  ➤ Early intervention nursing service (BAU): asthma, eczema and constipation
-  ➤ TEAMcare trial – technology enhanced asthma care, enhancing BAU model of asthma care
-  ➤ INSPIRE research project – identifying children at risk of low school readiness
-  ➤ INCLUDE research project – interventions for children with complex needs (incl. family support workers)
-  ➤ ORACLE research project – for children with adverse childhood experiences (ACEs)

# CHILDS Service Evaluation

Summary of outcomes:

- Health
- Healthcare quality
- Health service use



# Health outcomes

- **Asthma:** 90% of patients who had uncontrolled asthma at their initial assessment were discharged with reasonably/well controlled asthma
- **Constipation:** 83% of children with constipation levels above threshold when they enter the service, and after 6-10 weeks only 38% still have symptoms above threshold
- **Eczema:** 96% of discharged patients had an improved Patient-Oriented Eczema Measure score, when treatment was completed (21/22)

“You have helped make a change in my daughter’s life in two weeks and I’ve been going to doctors with the same problem for the last three years” **A parent**

“Best asthma nurse ever, I told my sister who has had asthma all her life everything you have told me, and there was so much she had never been told by her doctors, I’m so impressed with your service” **A parent**

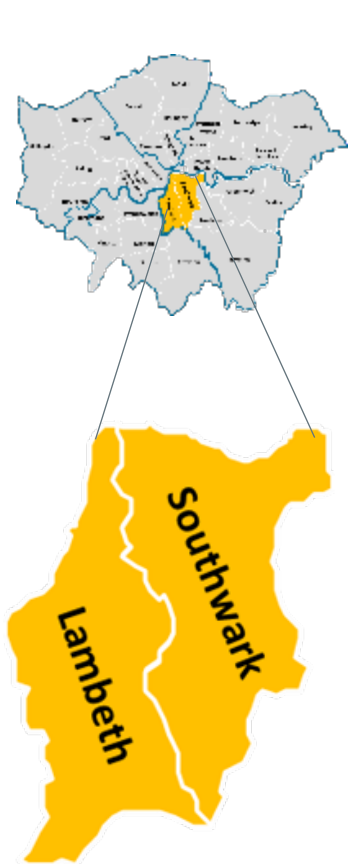


# Healthcare quality

- **70%** of GPs feel that child health teams have improved care for their children and young patients
- **60%** of GPs feel that child health teams have improved their knowledge about child health
- **94%** of parents would recommend the service to others
- **95%** of parents felt the care their child received was good

# Health service use

In our local area, care for children and young people now looks very different.



**15** Child Health Teams covering **100%** of our children & young people



**400** children per month discussed by child health teams



**10,000** families have been provided with self-management guidance for their child's long-term condition



**4,000** children have been provided with proactive care for their long-term condition(s)



**60%** of general paediatric outpatient clinics take place in a primary care setting, closer to home



# Health service use

- **57%** of the children referred to the child health teams for triage can be dealt with by advice and guidance only
  - Of those we triage and those we see:
- Those we identify and treat early:
  - **49%** reduction in emergency department attendances
  - **45%** reduction in non-elective admissions to hospital

Activity type	Triage	In-reach clinic
Reduction in primary care appointments with a GP or practice nurse	36%	40%
Reduction in Emergency Department attendances	27%	14%
Reduction in non-elective admissions to hospital	62%	7%
Reduction in all <u>paediatric</u> outpatient appointments	29%	

# Health service use



## Reduced health inequalities

**We reach proportionately more children from the most deprived population**

We are **improving equity of access** compared to usual care

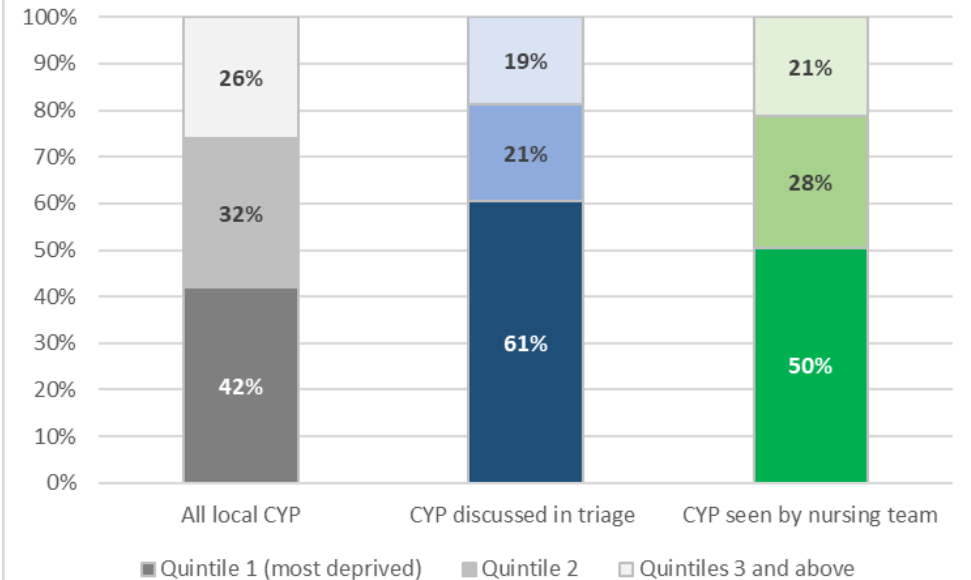
We are **reversing the Inverse Care Law** (patients most in need are least likely to access care)



## Reaching the local CYP population

**The ethnic and age profile of our patients matches the local population**

Children and young people seen by our services are more deprived than the local CYP population (IDACI\* quintiles)



\* IDACI: Income Deprivation Affecting Children Index

