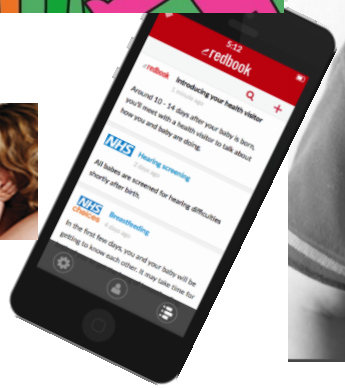
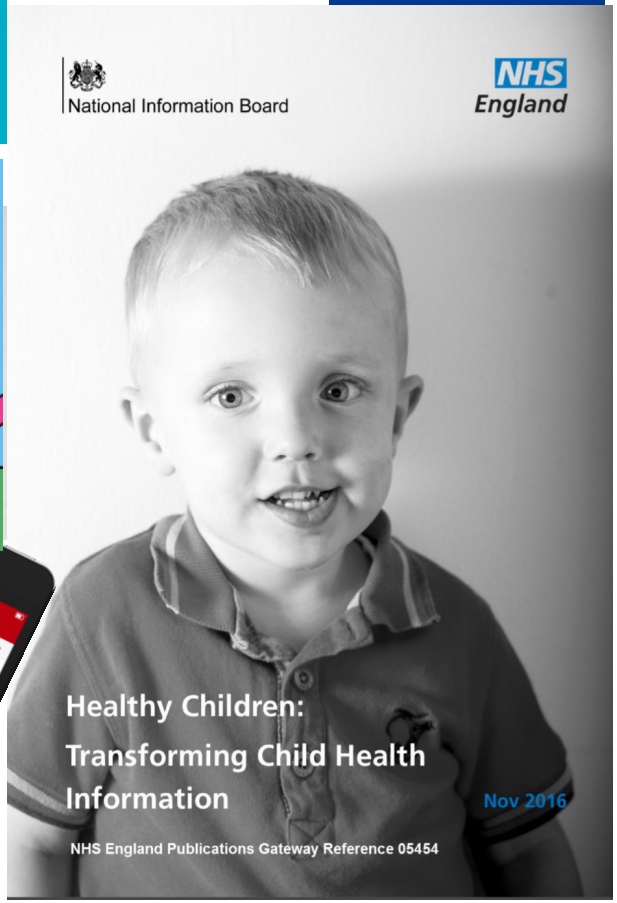
Making Local Child Health Data Real for Parents and Early Years Providers

Every child matters, every record counts

8th February 2018





Child Health Digital Strategy in London ~ The Healthy Child Programme +

NHS England

Healthy Child Programme: Providers of service/ Source system for information

0d	NIPE	Midwives, Paediatricians/ Maternity Systems, NIPE SMART
5d	Bloodspot	Midwives, HVs / Lab Systems, Bloodspot Failsafe, CHIS
8d	Hearing	Screeners/ eSP
11d	New Baby Review	Health Visitors/ CHIS
7w	6-8 Week Exam	GP/ Primary Care Systems
9w	8/12/16 wk Imms	Practice Nurse/ Primary Care Systems
12m	12 mth Review	Health Visitors/CHIS
13m	12/13 mth Imms	Practice Nurse/ Primary Care Systems
24m	2/2.5 yr Integ Review	Health Visitors or EYP/ CHIS or LA Systems
40m	3yr 4mth Imms	Practice Nurse/ Primary Care Systems
4y	4-5yr eyesight check	School Nurses/ CHIS, paper, LA systems
	School Entry Chk	School Nurses/ CHIS, paper, LA systems
	Year 6 Check	School Nurses/ CHIS, paper, LA systems
	Year 8 HPV	School Nurses/ CHIS, paper, LA systems
	Booster Imms	School Nurses/ CHIS, paper, LA systems

Event	Event Type	Primary Source (Originator)
1	Birth Details	Maternity (Via PDS)
2	NIPE Screening	Maternity or NIPE SMART
3	Blood Spot Screening	Screening Laboratory
4	Hearing Screening	eSP
5	New Baby Review	CHIS
6	Immunisations	GP and others
7	6-8 wk HV Review	CHIS
8	6-8 wk GP Review	GP
9	Height & Weight	CHIS
10	Vitamin K	Maternity
11	1 yr Review HV/GP	CHIS / GP
12	Conditions	GP (initially), and other settings
13	Special Needs	GP (As above)
14	Allergies & Drug	GP (As above)
15	Accidents & Injuries	GP or A&E or Urgent Care
16	Family Relationships	CHIS
17	Family Conditions	CHIS
18	2/2.5 Integrated	CHIS (HV) and others
19	School Entry Review	CHIS
20	Professional Advice	eRedbook
21	Professional	eRedbook
22	Hepatitis B Indicated	Maternity (from Discharge
23	Responsible Health Professionals	PDS, Maternity, Primary Care, Community
24	Address	PDS, CHIS, Other, eRedbook
25	Interpreter Required	CHIS
26	Maternity Messages	Maternity
27	Maternity Messages	Maternity
28	Developmental First	eRedbook
29	Teeth	eRedbook
30	Parental Comment	eRedbook
31	Personal Comment	eRedbook
32	'About Me'	eRedbook
33	BCG Indicated	Maternity (from Discharge

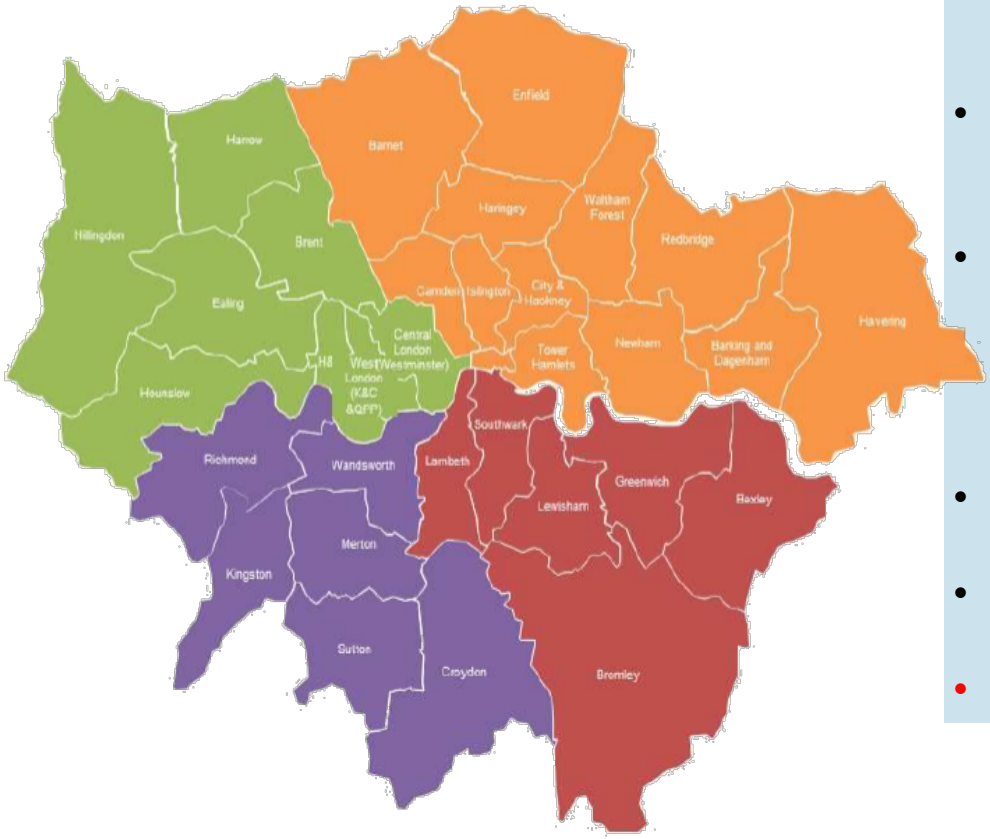
Healthy Children: Transforming Child Health Information

> Responding to parents' requests for an electronic record to help them manage their child's early years

> Knowing where every child is and how healthy they are

> Appropriate access for all involved in the care of children across the system.

Child Health Digital Strategy in London – the scale of our challenge



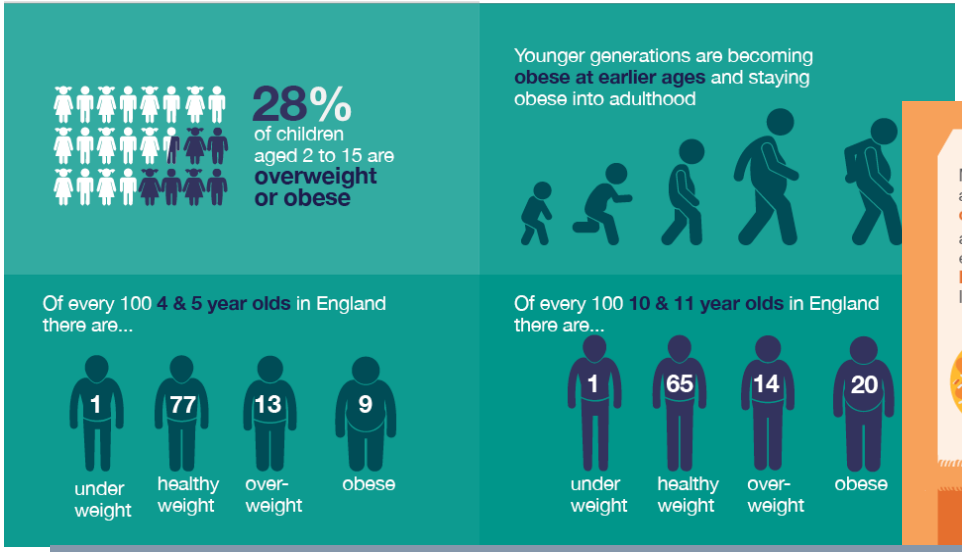
- 136,000 live births annually + 17% net importer of children into our outer-boroughs + 21% net importer for school-aged children
- 133 data points for Healthy Child Programme = 52.5m data points on under 6s only
- Integration with:
  - Multiple providers
  - Copious systems
  - NHS Spine compliance
  - New FHIR messaging for eRedbook
- Mobility across two CCGs or Local Authorities is 30.1% every 6 months
- We have some very vulnerable children – 800 babies born annually with HepB
- **Where is healthy lifestyle choices?**

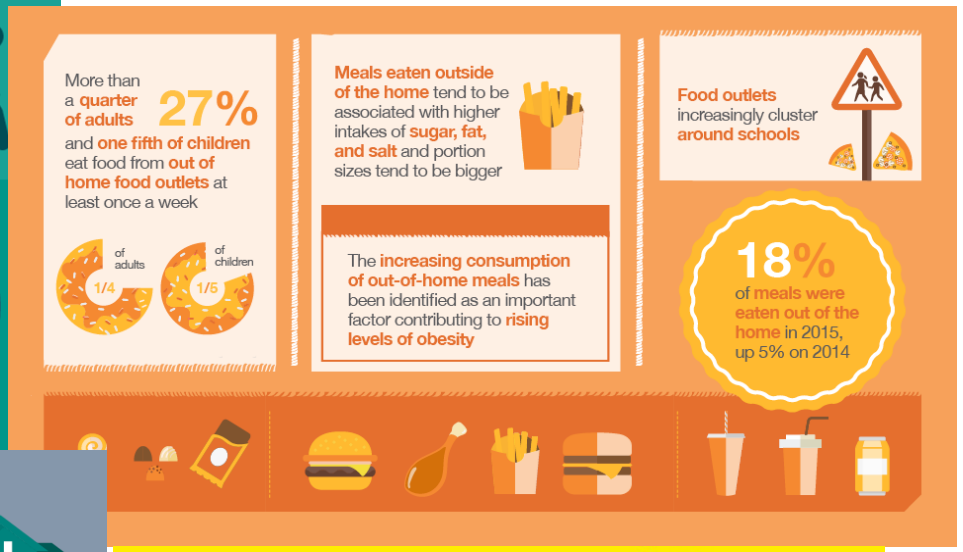
Tackling childhood obesity

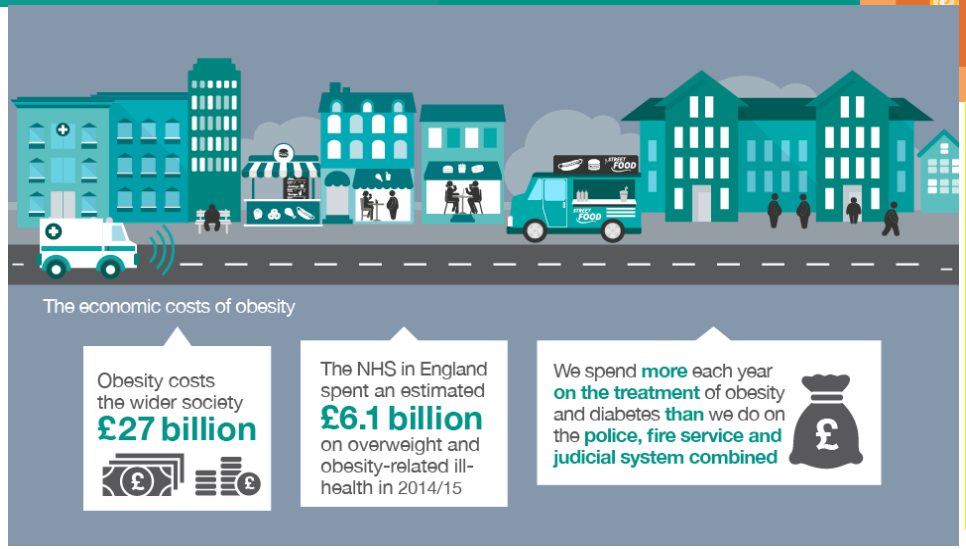
NHS England

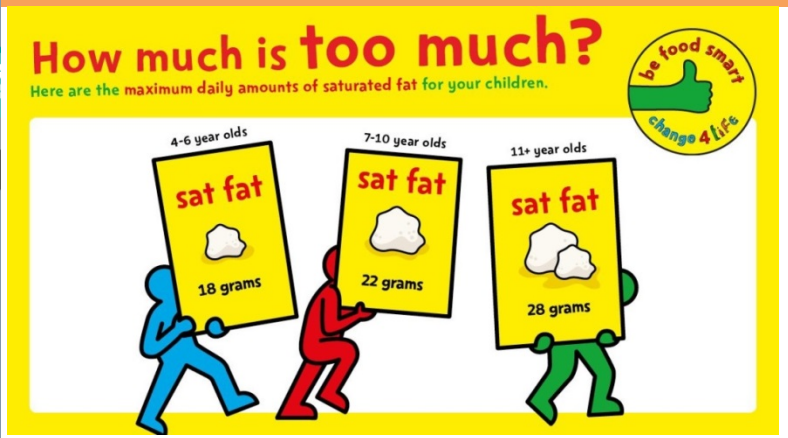
Public Health England

Healthmatters **Obesity in children**







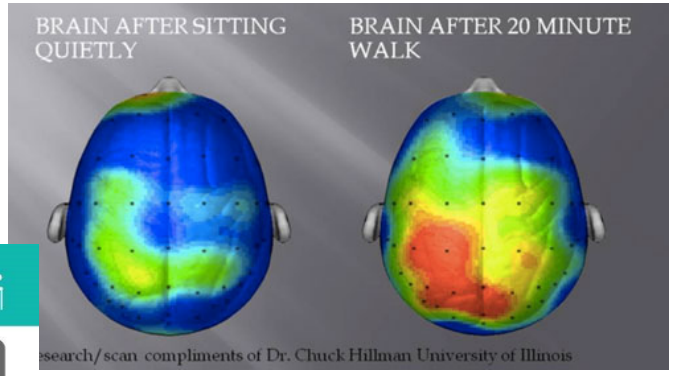


Providing the best most active start in life

NHS England

Increasing Activity …. as a family

NHS England



NELFT NHS
NHS Foundation Trust
Best care by the best people

your healthcare

healthintelligence

NHS England

Every child matters, every record counts.

Maternity Units

New Registrations + Birth Details (HL7)

GP Practices

Mother's HepB + 1st HepB Imms (XLS)

NIPE (CSV)

Pregnancy Notification (CSV)

Imms + 6-8 Wks Check (QMS, HI, Health Analytics) - HL7/CSV

CHIS HUBS

Bloodspot Results (CSV)

NBBS Labs

NWL
NEL
London CHIS Platform
SWL
SEL

NBHSP

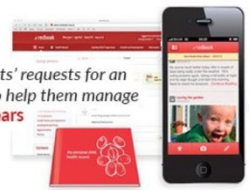
Hearing Screening (CSV)

London CHIS Platform

eredbook

Responding to parents' requests for an electronic record to help them manage their child's early years

#eRedbookLondon



essential parent

Independent Midwives

Birth Notifications (NHS.net)

NHS.net/SFTP

0 - 19 Services

Imms & Assessments
Safeguarding (LAC)
Movers In and Out
New Registrations
Incremental Data Extracts
Death Notifications

Death Notifications

0 - 19 Services
GP Practice
NBBS Labs
NBHSP
Local CDOP

NHS.net

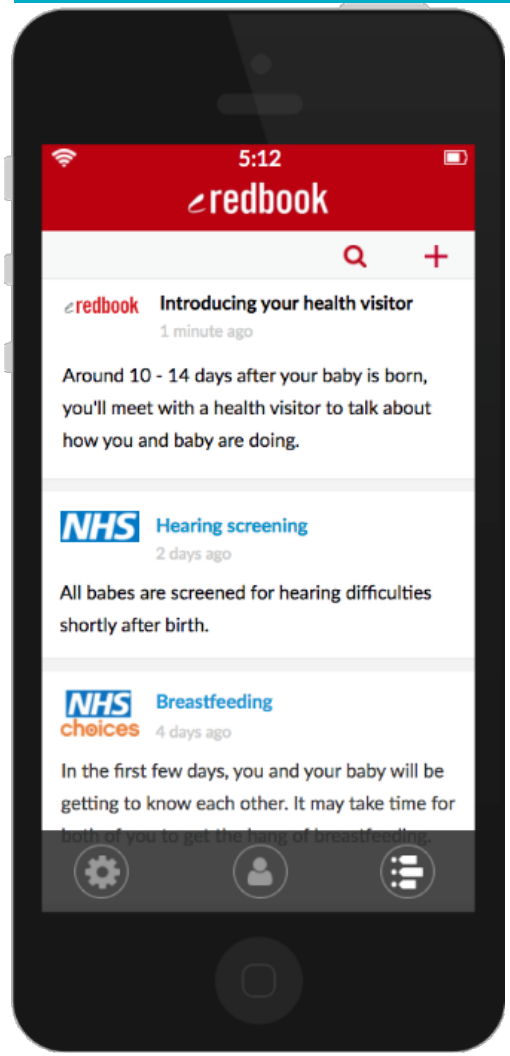
Data Frequency

Adhoc
Daily
Twice Weekly
Weekly/Bi-Weekly

London CHIService Data Flow December 2017

Child Health Digital Strategy in London ~ in partnership with Sitekit and SystemC

NHS England



eRedbook messaging.
- 33 FHIR Profiles Defined
- 33 Snomed CT Events
- 33 CSV Content Specifications

50% admin time saving

No more £1.87 letters, only 0.8p texts

London Platform regional solution
- 6 FHIR Birth Details, NIPE, Hearing, Bloodspot and Immunisations [Phase 1] automatically flow from a child record to their eRedbook

Local messaging
- 12 Events currently available

Data in hours, not weeks

Citizen ID and practitioner authorisation being designed and tested at scale with other partners

Child Health Digital Strategy in London ~ 2017 and 2018 transformation

NHS England

Sustaining fabulous partnerships ~

- Parents and parent groups – they need to be able to use free wifi
- Clinical service providers – they need coded data for activity reports
- Clinical system suppliers – they need launches and landing-pages
- Evidenced-based updated content for parents – they need accreditation
- Other regional or local child health digital strategy projects – they need a listening ear and critical friend
- Bidding for DH Capital Funding and using NHS Contractual CQUIN – they need tenacious resilience
- Local child health data champions or laggards – we can learn from either

Forging new exciting collaborations with ~

- OBS compliant app developers, especially parent support tools for asthma, diabetes and other long term conditions – they must link to clinical record
- **Where are the accredited lifestyle choices apps?**

Join us - we need to work shoulder-to-shoulder