



Child Health Informatics Consortium

www.chiconsortium.org.uk

Monitoring the health of our Nation's children

Key Indicators and the underlying Essential Core Data Set

Reliable, accurate, complete, up-to-date and secure information is critical to the delivery of a high quality, effective child health service:

- to support clinical management and care of sick children
- as with other client groups, to assess health needs within a district population for commissioning health care and for monitoring the performance of providers in meeting these needs
- to evaluate the effectiveness of screening programmes and other health care interventions
- to monitor development of all children up to age five and for selected children - i.e. those with persisting health problems - through school age to adulthood.

The Child Health Informatics Consortium, an organisation with over 30 years of child health computing expertise and representing over 70% of all child health computer system users, in conjunction with the Royal College of Paediatrics and Child Health and colleagues from relevant professional bodies (CPHVA, Faculty of Public Health, BACCH, RCGP, BMA) has developed a set of Key Indicators for the monitoring of the performance of the child health services and the identification of health needs in the child population.

These indicators are supported by and derived from an Essential Core Dataset for Child Health which should form the foundation of the Electronic Health Record. 4). The items included in the Essential Core Dataset are collected as part of normal clinical care and make use of the parent held record and existing manual and computerised information systems

CHIC/RCPCH Essential Core Data set **May 2000**

ECD 1	NHS number of child
ECD 2*	NHS number of biological mother
ECD 3	Date of birth
ECD 4	Sex
ECD 5	Post code
ECD 6	GP practice code
ECD 7	Ethnic group
<i>ECD 8</i>	<i>Mother's educational status</i>
ECD 9	Birth order
ECD 10	Birthweight
ECD 11	Place of birth
ECD 12	Gestational age
<i>ECD 13</i>	<i>Breast feeding</i>
ECD 14	Admitted to Neonatal Intensive Care
ECD 15	Neonatal Screening - PKU
ECD 16	Neonatal Screen - Hypothyroidism
ECD 17	Neonatal Screening - Sickle cell
<i>ECD 18</i>	<i>Neonatal screening - Hearing</i>
ECD 19	Neonatal examination
ECD 20	Four/six week pre-school check
[ECD 21	Eight month pre-school check]
<i>ECD 22</i>	<i>Two year pre-school review</i>
<i>ECD 23</i>	<i>Primary school entry review</i>
<i>ECD 24</i>	<i>Secondary school entry review</i>
<i>ECD 25</i>	<i>Secondary school 16+ review</i>
<i>ECD 26</i>	<i>Significant conditions</i>
<i>ECD 27</i>	<i>Disability status at age two years</i>
<i>ECD 28</i>	<i>Disability status at age five years</i>
ECD 29	Immunisation status
ECD 30*	Child Protection Register status
ECD 31*	Care status
ECD 32	Code of Educational Practice stage
<i>ECD 33</i>	<i>Accidents</i>
<i>ECD 34</i>	<i>A&E Attendance</i>
ECD 35	Hospital admission
<i>ECD 36</i>	<i>Hospital outpatient attendance</i>
ECD 37	Date of death
ECD 38	Cause of death

Items* may be controversial; items in *italics* in development

APPENDIX D Monitoring the health of our Nation's children (5.00 updated 6.01)

Recommended items for sign-off at age two years and at subsequent key 'passages'

As the two-year check is already becoming selective, it is being recommended that each primary health care team should take stock of what they know about each child's progress and development at this age. The initiatives around SureStart mean that health visitors and others will be looking to target their services to those children and families who need extra support to cope with their lives.

For most children (perhaps 80%) this 'MOT' will be a paper/computer exercise, largely automated using available records. Some children with missing information may need direct (re-)assessment but for other families telephone contact may provide adequate current information.

The following check list is suggested for each child at two years:

Immunisation up to date: ECD 29

Significant conditions: ECD 26

Disability status: ECD 27

(e.g Appendix E: Working Groups of the National Perinatal Epidemiology Unit Recommendations)

Care status*: ECD 31 (\pm ECD 30 – Child Protection Register*)

Accidents: ECD 33

Admissions to hospital: dates, diagnosis and operations: ECD 35

A&E attendances – dates and diagnosis: ECD 34

Outpatient attendances – dates and diagnosis: ECD 36

Suggested items for review at/before primary school entry

Immunisation up to date: ECD 29

Height and weight:

Dental index: (Decayed, Missing, Filled)

Orthoptic screen (probably at nursery)

Hearing sweep

Significant conditions: ECD 26

Disability status: ECD 27

Care status*: ECD 31 (\pm ECD 30 – Child Protection Register*)

Accidents: ECD 33

Admissions to hospital: dates, diagnosis and operations: ECD 35

A&E attendances: dates and diagnosis: ECD 34

Outpatient attendances: dates and diagnosis: ECD 36

Baseline educational assessment* (\pm ECD 32: Educational Special Needs)

Behaviour assessment (e.g Goodman and Goss/Strengths and Difficulties Questionnaire)

** using common database with Local Social Services/Local Educational Authority*

Benefit should accrue for individual children, as well as for public health monitoring, with similar checks at secondary school transfer and at school leaving

Suggested items for review at secondary school entry/transfer

Dental index ?

Significant conditions: ECD 26

Disability status: ECD 27

Care status*: ECD 31 (± ECD 30 – Child Protection Register*)

Accidents: ECD 33

Admissions to hospital: dates, diagnosis and operations: ECD 35

A&E attendances: dates and diagnosis: ECD 34

Outpatient attendances : dates and diagnosis: ECD 36

Educational assessment* (SATS) (± ECD 32: Educational Special Needs)

Behaviour assessment (teacher screening*; possibly parent as well)

School exclusion*

School attendance*

Self reported smoking, alcohol and substance abuse* (possibly using Trent system)

Suggested items for review at secondary school leaving

Dental index ?

Significant conditions: ECD 26

Disability status*: ECD 27 (include whether transition care in place, if relevant)

Care status*: ECD 31 (± ECD 30 – Child Protection Register*)

Accidents: ECD 33

Admissions to hospital: dates, diagnosis and operations: ECD 35

A&E attendances: dates and diagnosis: ECD 34

Outpatient attendances: dates and diagnosis: ECD 36

Educational assessment* (GCSE) (± ECD 32: Educational Special Needs)

Behaviour assessment (teacher screening*; possibly parent as well)

School exclusion*

School attendance*

Self reported smoking, alcohol and substance abuse*

** using common database with Local Social Services/Local Educational Authority*