



Using Data to Improve Children's Lives

**Note of Meeting
Thursday 11th June 2015
The Lighthouse, Glasgow**

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Child Health Data to Support Services

Welcome

Mark Feinmann welcomed delegates and provided an overview of the purpose of this event. Public agencies designed for children and young people's services in the Glasgow area are becoming data rich. This has been achieved through the increased use of technology and there is opportunity for us to make better use of this data to extract and understand the information in a more practical, joined-up way. We need a collaborative approach to use this data to improve services through more cohesive data analysis and feedback/dissemination across staff groups. Mark considered that this event would allow the various partners to begin the discussion about how we should do this.



Services represented at the event included: Glasgow Centre for Population Health, NHSGGC Children's Services and Specialist Children's Services, Glasgow City Social Work Services, Glasgow City Education Services, University of Glasgow, NHSGGC Department of Public Health and the Scottish Government Early Years Collaborative. Stephen McLeod chaired the event. The event agenda and delegate list are shown in Appendix 1 and 2 respectively.

Presentations and Vignettes

A series of presentations, case studies and vignettes were provided. As Chair, Stephen McLeod provided brief introductory comments regarding the value of data within public services and how analysis and future use can inform service improvement. Following this, Karen McFadden demonstrated the use of IT (EMISWeb) to capture data at a clinical level and how this can be extracted for analysis with some live data examples. John Marshall then demonstrated how using patient recordable information through questionnaires and checklists, provided a needs analysis for evidence based programmes run jointly by Social Care and NHS.

Fiona Crawford and Bruce Whyte presented ongoing data analysis which aims to explore the impact of early intervention on child outcomes. A key feature of this work comprises the collection, collation and publication of a set of child health indicators highlighting trends, patterns and inequalities in child health and well-being. They also described how neighbourhood profiles can help identify and prioritise the needs of the city's children and young people. The final speaker, Louise Marryat, provided an overview of longitudinal data analysis underway based on the strengths and difficulties data collected by GCC Education colleagues in nursery and school.

[Click Here to View the Presentations](#)

Responses to Presentations

The following questions/points were raised by the plenary following the presentations and these topics were discussed in the table discussions during the second part of the event along with pre-set discussion points.

- What happens to the data flow and information sharing via EMIS in relation to transitions to other / adult services?
- Electronic read coding can also help with assisting patient experience and supporting pathways
- The data analysis potential is good and it would be excellent to link this with Education and Social Work.
- We should remember to look at data from a different perspective, not always descriptive statistics only.
- How can we link up the data available in EMIS to policy development and health improvement initiatives?
- 3rd Sector will play a big role in data analysis and information sharing. The 3rd Sector is very good at focussing on family behaviour which could link well to our children specific data
- There is a need to distinguish between data and intelligence. Do we have a strategy for intelligence and is it prioritised at times of change?
- We need a joined-up approach to analysis, resources, data protection and willingness to share are all factors
- We need an understanding of accessibility to information prior to sharing
- Use of GIRFEC and the Children's Act should be the basis to improve data as well as data sharing mechanisms
- We need to involve families in information sharing arrangement to ease any concerns
- Do we consider the evidence prior to analysis? We must be careful not to overreact to fluctuations as this may be expected.



Group Discussion – Main Points Feedback

Following the plenary questions, three groups discussed a range of issues based on the following questions:

- How can we make best use of these different sources of data and information in service delivery, policy making and future research?
- What gaps do we have in current data sets and what skills, knowledge and capacity do we require to turn data into knowledge?
- What should change, how should it change and whose responsibility is it?
- How can evaluation of the impacts of early years services, programmes and initiatives be supported and sustained in the future?
- What should next steps involve?

The main points which were reported were as follows;

- Governance – we need to set up arrangements that are clear about the priorities of what we need the data to do. This needs to be governed appropriately.
- Priorities – we should be pulling data and research together and we must discuss resource and finance to do this
- Data Flow – data needs to flow from research to detailed information to staff. Additionally, intelligence sharing from front-line services flowing to other services and back to researcher / other areas of relevance needs consideration.
- Level of Data – how can we put our high level data into purposeful activity to shape changes in practice?
- Data Sharing – this has to improve and we need an agreement on what and how.
- GIRFEC – this is based on a human rights agenda and we should be sense-checking with children, young people and families in terms of data sharing and use
- Interface – how can EMISWeb interface with maternal and child health data systems?
- Purpose – we need to recognise that all agencies have different purposes and we must be transparent with each other when we are collaborating.
- Resources – we need to find resources to support ongoing collaboration and ensure the purpose of the data is understood and managed
- Strategy – we have a huge amount of resource and obligation to act on information sharing as defined by a range of past and current government policies. Resource and permissions flow out of these policies and we should gather people together from the various agencies to take this forward.

Next Steps

There was consensus amongst participants that this was a useful session and it was agreed that the potential of linking data, sharing information across organisations and performing shared analysis was an exciting opportunity supported by the range of professionals present. Actions and ideas, along with some issues and concerns will need further discussion and this should be managed through a small representative group.

Linda de Caestecker provided closing remarks to highlight how positive the event had been. The wealth of data and systems demonstrated was excellent and there is a lot of opportunity to capitalise on this event to improve child health data across all services. Linda suggested that Public Health should take a lead on this work and convene a smaller group to progress what has been achieved and to develop first actions in a work plan to

achieve the high level goals and developments, building on what's already in place i.e. multi agency and multi-level data sharing, children's health profiles, collaboration and analysis to improve the lives of children.

APPENDIX 1 – Event Agenda



Child Health Data to Support Services

Thursday 11th June 2015
The Lighthouse, Glasgow

- 9.00 Registration and arrival refreshments
- 9.30 Welcome from Chair
Stephen McLeod, Head of Specialist Children's Services, Glasgow City CHP (North East Sector)
- 9.35 EMISWEB presentation
Karen McFadden, Programme Lead – Community Children's Services, Glasgow City CHP
- 9.50 The use of data in joint service developments
John Marshall, Project Director – Service Development, Glasgow City CHP (North East Sector)
- 10.05 Questions and discussion
- 10.40 Refreshment break
- 11.00 Child population health data and indicators
Fiona Crawford, Consultant in Public Health, Bruce Whyte, Public Health Programme Manager, Glasgow Centre for Population Health
- 11.15 Research and data linkage in the early years
Louise Marryat, Research Fellow, University of Glasgow
- 11.30 Table discussions
- 12.30 Plenary feedback
- 12.50 Closing remarks from the Chair
- 13.00 Lunch

APPENDIX 2 – Delegate List

 		
DELEGATE List : Child Health Data to Support Services		
Thursday 11th June 2015, The Lighthouse		
First Name	Last Name	Organisation
Michelle	Affleck	Scottish Government
Mike	Burns	Glasgow City Council
Paul	Burton	NHS GG&C
Fiona	Crawford	Glasgow Centre for Population Health
Linda	de Caestecker	NHS GG&C
Fergal	Doherty	Glasgow City Council
Rona	Dougall	NHS GG&C
Heather	Douglas	Glasgow City Council
Gary	Dover	NHS GG&C
Mark	Feinmann	NHS GG&C
Susan	Fleming	NHS GG&C
Liz	Fourma	Glasgow City Council
Mike	Grimmer	NHS GG&C
Arfan	Iqbal	Glasgow City CHP - North East Sector
Maura	Kearney	Glasgow City Council
Loma	Kelly	Glasgow Centre for Population Health
Susie	Kempsell	Glasgow City Council
Christina	MacDonald	Glasgow City Council
John	Marshall	Glasgow City CHP - North East Sector
Louise	Marryat	University of Glasgow
Marie	Martin	Glasgow Centre for Population Health
Michele	McClung	Glasgow City Council
Karen	McFadden	Glasgow City CHP
Stephen	McLeod	Glasgow City CHP - North East Sector
Linda	Morris	NHS GG&C
John	O'Dowd	NHS Ayrshire & Arran
Kathryn	Paterson	Scottish Government
Uzma	Rehman	NHS GG&C
Alison	Rennie	Glasgow City CHP - South East Sector
Lucy	Reynolds	NHS GG&C
Debby	Wason	NHS Ayrshire & Arran
Bruce	Whyte	Glasgow Centre for Population Health
Scott	Wilson	Glasgow City CHP