

Education and Children's Services Scrutiny Committee, Tuesday 6 September 2016

Agenda Item 8 - Information Bulletin

The Information Bulletin is a document that is made available to the public with the published agenda papers. It can include update information requested by the Committee as well as information that a service considers should be made known to the Committee.

This information Bulletin covers the following items:

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1. Predictive Modelling in CYP

At its meeting on 9 June 2016, in relation to Agenda Item 5 – Suffolk Family Focus (SFF), the Education & Children's Services Scrutiny Committee requested an information briefing on the current work with Essex University on 'Predictive Modelling', to enable early intervention.

Predictive Modelling in CYP

What is Predictive Modelling?

Predictive Modelling, also known as profiling or risk stratification, is a widely used statistical tool to analyse existing or historical data to help predict future outcomes. For example, it's used by supermarkets to predict shopping behaviour, and banks to identify credit risk.

Local authorities and health services have used customer profiling tools for several years to target people "most likely" to be at risk of, for example, a chip pan fire, to improve council tax payments, or encourage take up of services. Predictive modelling builds on this to identify likely future events so that we can reduce costs and improve outcomes through targeted early interventions. It is already in use in some councils, and the CYP Intelligence Hub is involved in several projects to develop its use for SCC.

We would like to emphasise that our approach develops models based on national findings from academic literature, uses recognised statistical techniques, and undergoes testing against historic data for validity. Our collaboration with the University of Essex ensures the models we develop are robust.

Going forward, the trained analysts across Suffolk are identifying areas for testing, which we are sharing and developing through the Catalyst project (see below) and Suffolk Information Forum.

Case studies

Reducing Youth Offending in Suffolk

Suffolk Youth Offending piloted an Enhanced Triage programme to reduce first time entrants to the youth justice system. The Intelligence Hub provided caseload data and analysis for the University Campus Suffolk evaluation, and also completed a cost avoidance toolkit with the Centre for Justice Innovation. The evaluation and evidence proved the programme would: help reduce first time entrants, improve outcomes for young people, and create a potential cost avoidance of £120k for Suffolk Constabulary. Intelligence Hub staff analysed the triage criteria and showed that adding criteria and modifying the weighting of results would improve the accuracy of the model in predicting Suffolk young people likely to offend. The Intelligence Hub is now developing this into a statistically robust predictive model.

Targeting children for Early Help

The Intelligence Hub has conducted proof of concept modelling combining data across Early Help, Social Care, Youth Offending, Education and Activities Unlimited. This formed part of the Hidden Harm needs assessment and the Business Intelligence “Art of the Possible”. As a direct result of this, the Intelligence Hub are developing a proposal with Microsoft and Capita to test machine learning. Machine learning uses computing power to search large amounts of data to identify patterns, such as to identify children who are high priority for preventative services (for example, are likely to come into care within a year). This work will start in August, with initial findings expected in October.

Improving expertise with the University of Essex

In collaboration with the University of Essex, and Essex County Council, we gained funding for a HEFCE Catalyst Fund project to develop a better understanding of factors contributing to social outcomes for vulnerable people. A big part of this is developing analytical tools to assess risk (i.e. how likely a particular event is to happen) and the impact of such an event on a person's circumstances or the interventions they receive. We will be testing out some very different approaches to creating and using these tools over the remaining two years of the project.

We've recently had a very successful training event for predictive modelling, delivered by University of Essex statisticians to data analysts across Suffolk County Council as well as districts and boroughs. During the training, we examined work done by Washington State on predicting youth homelessness after aging out of care (both risk factors and protective characteristics) – for example, a placement with a member of the wider family significantly reduced the likelihood of future homelessness.

Free school meals and pupil premium

We will be modelling Free School Meal eligibility with the University of Essex, using profiling data to identify pupils most likely to be eligible, but not currently claiming free school meals. Schools can then target small groups by the most effective means to increase take up and generate more funding for their school.

(Information supplied courtesy of Robert Ellam in the CYP Intelligence Hub)

For further information, please contact: Graham Beamish, Project & Programme Manager, Email: Graham.Beamish@suffolk.gov.uk, Tel. 01473 265369

2. CYP Staff Survey Update

At its meeting on 9 June 2016, in relation to Agenda Item 6 - Making Every Intervention Count (MEIC) Update, the Education & Children's Services Scrutiny Committee requested additional information about the baseline data used to derive the CYP staff survey improvement percentages. *(The context of this was that CYP officers talked positively at the scrutiny committee meeting about the CYP staff survey improvements. Councillors wanted to dig beyond the % improvements to the base numbers.)*

These are some of the key summary measures for CYP from the Staff Survey: (The full detail is on the SCC internal intranet <https://suffolknet.sharepoint.com/sites/myscc/Pages/Mini-Staff-Survey-2015.aspx>).

Survey Context

- Online and postal mini staff survey conducted during September and October 2015
- Measuring changes from the main survey in 2014
- Sample of the total council workforce was randomly selected to be proportionately representative by Directorate
- A total of 2,810 employees within the organisation were given the opportunity to complete a survey

Directorate	Sent	Returned	Return rate	Confidence interval (+/-%)
Children & Young People	1305	651	50%	2.7%

Highest scoring areas

	% Agree
I make a positive contribution on a day-to-day basis	93%
I am open and positive to new ideas	93%
I am adaptable when dealing with change	92%
I believe I can make a valuable contribution to the success of this organisation	87%
My manager treats me fairly and with respect	85%

Highest Negative Responses

	% Disagree
The Directorate Management Team consults me for my opinion before making decisions affecting my work	50%
Morale is high amongst the people I work with	46%
I feel uncomfortable working in an unpredictable environment (Agree)	39%
Not aware of the transformation programmes	38%
Do not feel connected to the Aspire values	39%

Job Satisfaction

	Year 2014	Year 2015
Satisfied	69%	72%
Neither	13%	14%
Dissatisfied	18%	14%

For further information, please contact: Graham Beamish, Project & Programme Manager, Email: Graham.Beamish@suffolk.gov.uk, Tel. 01473 265369

3. Young People Participating and those Not in Education, Employment or Training (NEET)

(NB. There will be an agenda item on NEET for scrutiny discussion at the committee's next meeting, on Thursday 1 December 2016)

Young People Participating and those Not in Education, Employment or Training (NEET)

Historical statutory guidance has directed local authorities (LAs) to collect information about all young people from age 15 up to their 20th birthday so that those who are not participating (or at risk of not participating) in education, employment or training can be identified and supported. The information is reported to the Department for Education (DfE).

On September 1st 2016 the DfE will reduce the requirement on LAs to track, record and report the education, training and employment activities of young people. The requirement to track and support 16 and 17 year olds would continue, but they will reduce the upper age limit to the end of the academic year in which the young person has their 18th birthday. LAs have a statutory duty under Section 68 of the Education and Skills Act 2008 (ESA) to encourage, enable or assist young people's participation in education or training until their 20th Birthday and this would continue. Young adults with Education, Health and Care plans will still need to be tracked and supported up to their 25th birthday.

The Case for Change – extract from the Department for Education

Under Raising Participation Age (RPA) legislation young people are required to continue in education or training until at least their 18th birthday. There is no obligation on young people to participate beyond their 18th birthday or to make themselves known to their LA.

The DfE know that significant resources are used by LAs making repeated and often fruitless attempts to contact all 18 and 19 year olds, most of whom have already secured employment or who are continuing their education. Of those who are NEET most are already receiving support from elsewhere such as from Jobcentre Plus, or targeted support from specialists.

A further group of 18 and 19 year olds NEET choose to take a planned break from learning or employment, for example a gap year, and others are working in the grey economy (i.e. without paying tax when they should be); these young people do not need support and are unresponsive when it is offered. This leaves an even smaller group of 18 and 19 year olds NEET who LAs are rarely able to contact, track, or support.

Requiring authorities to track all young people in largely unsuccessful attempts to identify the small proportion of disadvantaged 18 and 19 year olds who are NEET and not already receiving support, is an inefficient use of scarce resources, and is a disproportionate response.

In the absence of the resource-intensive work to track 18 year olds, we want LAs to focus their effort on further improving their tracking and support of 16 and 17 year olds. Engaging more young people at 16 and 17, would reduce the chances of them spending time NEET beyond that and following this change we would expect to see 'not knows' amongst 16 and 17 year olds eradicated in the data.

Changes to how our NEET figure is scored:

Following this change in policy the DfE will introduce a new headline measure in the scorecard which combines NEET and not known figures for 16 and 17 year olds. This would give a more accurate picture of LA performance in tracking and support for young people and would mean that low NEET figures could not be masked by high levels of 'not knows'. Previously the DfE have used 8% of unknowns in the NEET scorecard rather than 100%.

For further information contact Andrea Wood, Participation Manager, CYP Skills,
Email: Andrea.Wood@suffolk.gov.uk, Tel: 01473 263984

4. Raising the Bar - progress report – July 2016

At its meeting on 8 Sep 2015 the Committee requested a regular review of the 'state of play' of the Council's progress on implementing the Ofsted Action Plan for the Council's School Improvement Service.

A Raising the Bar progress update was published on 1 July 2016 (<https://www.suffolk.gov.uk/assets/Children-families-and-learning/raising-the-Bar/RtB-Progress-Report-July-2016.pdf>) and is attached for reference as Annex 1, at the end of this Information Bulletin.

For further information contact Adrian Orr, Deputy Assistant Director Education and Learning, Tel: 01473 264709, Email: adrian.orr@suffolk.gov.uk

5. Schools Forum – Update

At the Education and Children’s Services Scrutiny Committee meeting of 11 June 2014, the committee requested that a regular update be provided about the Schools Forum activities as an item in the Information Bulletin.

Information about the Schools Forum is publicly available on the ‘Suffolk Learning’ website: <http://www.suffolklearning.co.uk/leadership-staff-development/schools-accountancy/schools-forum>.

In the period since the last meeting of the Education and Children’s Services Scrutiny Committee, on 9 June 2016, the Schools Forum has not met. The Schools’ Forum Meeting which was due to take place on Monday 4 July 2016 was cancelled.

The next meetings of the Schools Forum will be on the following dates (all at 9.00am–1.00pm):

- 13 October 2016 [Venue: Ropes Hall, Kesgrave Conference Centre]
- 15 December 2016 [Venue: Ropes Hall, Kesgrave Conference Centre]

For further information about the Schools Forum contact Gavin Bultitude, Assistant Director - Resources and Support, Children and Young People’s Services, Tel. 01473 264575, Email: gavin.bultitude@suffolk.gov.uk

6. Joint Task & Finish Group with Health Scrutiny

Background: At the Health Scrutiny Committee meeting on 21 Jan 2016 the recommendation was made: *“to invite the Education and Children Services Scrutiny Committee to join with the Health Scrutiny Committee to form a Task and Finish Group to consider how schools could support the [CAMHS] Transformation Plan”* : see

http://committeeminutes.suffolkcc.gov.uk/LoadDocument.aspx?rID=0900271181bb2e59&qry=c_committee%7e%7eHealth+Scrutiny+Committee

The Health Scrutiny Committee received an update on progress towards implementing the CAMHS Transformation Plan at its meeting on 20 July 2016: http://committeeminutes.suffolkcc.gov.uk/LoadDocument.aspx?rID=0900271181cd347b&qry=c_committee%7e%7eHealth+Scrutiny+Committee (see item 1)

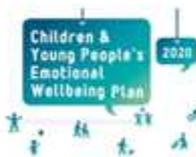
Alongside this, Healthwatch Suffolk is undertaking an extensive piece of work looking at the issue of supporting children’s emotional health and wellbeing in schools. A link to the Healthwatch Suffolk report following their work with the Thomas Gainsborough School can be found at:

<http://www.healthwatchesuffolk.co.uk/news/young-people-to-benefit-from-improved-emotional-wellbeing-awareness-in-school-following-our-project-at-the-thomas-gainsborough-school/>.

Progress on the CAMHS Transformation Plan is being reported back to the Health and Wellbeing Board, and is due to return as a full scrutiny item to the Health Scrutiny Committee on 19 January 2017.

The emotional wellbeing and mental health EWB2020 programme information and online training material has been made available to schools' staff, as shown in the 7 June and 24 May issues of the 'Suffolk Headlines' newsletter that goes to all headteachers:

TRAINING



Children & Young People's Emotional Wellbeing Transformation Plan (EWB 2020)

FOR INFORMATION | ALL SCHOOLS except those in Waveney

The Children & Young People's (CYP) Emotional Wellbeing Plan 2020 aims to establish a joined-up, family focused approach to all children, young people and families presenting with emotional, behavioural or mental health needs. As part of this plan, **funded learning and development is now available** to enable staff to have greater confidence and skills in responding to issues relating to emotional wellbeing and mental health.

Training can be accessed via www.suffolkcypd.co.uk using the Multi-Agency icon on the home page.

Click [here](#) to find out more.

Contact: Jo John, Transformation Lead for Child and Adolescent Mental Health Services, jo.john@suffolk.nhs.uk / 01284 758038

This bulletin is intended to be received directly by headteachers.
If you are
changing your email address
or you would like this to be sent to another address within your school
please let us know on
SuffolkHeadlines@suffolk.gov.uk



Children & Young People's Emotional Wellbeing Plan 2020 (EWB 2020)

FOR INFORMATION | ALL SCHOOLS except those in Waveney

The Children & Young People's Emotional Wellbeing Plan 2020 aims to establish a joined-up, family focused approach to all children, young people and families presenting with emotional, behavioural or mental health needs. This plan, for east and west Suffolk, is being co-delivered with health and care organisations, charities, schools, young people, parents and carers and is based on Five Big Ideas and Ten Priorities.

Click [here](#) to find out more.

Contact: Jo John, Transformation Lead for Child and Adolescent Mental Health Services, jo.john@suffolk.nhs.uk
Tel: 01284 758038

Update:

A meeting took place on 18 Aug 2016 between the Chairman & Vice Chairman of Health Scrutiny Committee and the Chairman of Education & Children's Services Scrutiny Committee.

It was agreed to:

- Involve a small group of members of both committees to look further into this subject with a view to achieving more focused scoping of the review of the CAMHS Transformation work when the subject returns to Health Scrutiny on 19 January 2017.
- Invite all members of the Education and Children's Services Scrutiny Committee to participate in the scrutiny review of the CAMHS Transformation work at Health Scrutiny Committee on 19 January 2017.
- Schedule a further task group meeting on 28 Sep 2016, and another date yet to be confirmed in November, to which relevant officers would be invited.
- On 6 September, invite nominations from members of the Education & Children's Services Scrutiny Committee to participate in the Task & Finish group.
- Request information from the NHS Transformation Lead for Child and Adolescent Mental Health Services and Assistant Director CYP about the extent to which various schools in Suffolk are engaging with the programme, and the reasons why some schools might not be engaging.

For further information contact Paul Banjo, Scrutiny Officer, Resource Management Directorate, Tel: 01473 265187, Email: paul.banjo@suffolk.gov.uk.

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