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Subject	Schools Vulnerability & Bookings		
Type of Report	Information		
PFCC Action Point No.	21-22	For Publication	No

RECOMMENDATION(S)

None. This report is for information.

EXECUTIVE SUMMARY

This paper provides an update on the ECC Schools Vulnerability Matrix and ECFRS innovation and change project to consider a new bookings system.

BACKGROUND

ECFRS Prevention first saw the ECC and ECDA School Vulnerability Matrix in 2021, where it was showcased to partners across Essex. Over the past 12 months ECFRS has been in discussion at ECC Director level to gain access to the modelling to assist the Joint Education Team.

During 2022 ECFRS Prevention requested an innovation and change project to implement a technology solution to provide efficiencies to the schools booking system. This project was closed as part of the Innovation and Change Programme.

OPTIONS AND ANALYSIS

Schools Vulnerability Matrix

Following discussions with ECC Director for Education, the full Schools Vulnerability Matrix was not made fully available, however a significantly redacted version was supplied. The provided version unfortunately did not meet the requirements of ECFRS to enable a targeted delivery.

As outlined in the Prevention Deep Dive Report (November 2022) the Vulnerability Matrix shared in a limited format and was not an effective data source to use.

Into 2023 and using the concept of the ECC model, ECFRS Prevention created an in-house model in conjunction with the data & performance team. The model considers uses datasets including MOSAIC, IMD, Experian Data Sets, and ECFRS incident data overlaid with School Locations. ECFRS will continue to evolve the model, with the next stage to incorporate Essex Police Data.

The model has identified target areas for the core Fire Safety messages e.g., home safety, Arson and hoax calls. The top three areas identified with high levels of deliberate fires and accidental dwelling fires were Chelmsford, Harlow and Basildon.

The team have delivered home safety/arson prevention sessions in:

- Chelmsford to 1,260 young people,
- Harlow to 489 young people and
- Basildon to 2,696 young people

Increased data sharing from EP has provided our team with a target list of schools for our knife and gangs crime prevention session and all schools have been contacted with a good response received. Further data sharing has been requested from EP in relation to our other programmes to allow for similar targeted approaches.

Along with our in-house dashboards we cross reference ECDA data, for example the ECDA vulnerability index as well as reports that highlight areas of vulnerability, e.g., ECC Cost of living report.

The team attends all SAIR meetings and targets schools within the vicinity of the incidents to offer our home safety sessions.

The Education and Specialist Interventions managers have an established partnership with the Education and Safeguarding Leads at Essex, Thurrock and Southend councils. This partnership provides opportunities to connect directly with the safeguarding leads in schools across the county and communicate safety messages from ECFRS and Essex Police.

Bookings System

The Prevention Deep Dive (November 2022) provided an update on the booking system trials. The main requirements of the system required an AI approach to consider travel times, with the additional requirement of schools being able to directly book into the education officer calendars.

As of March 2023, ECFRS has implemented a new build system focusing on information gathering from schools and Education & Specialist Interventions assistant books Education Officer's calendars. This workflow reduces the time and workload of emails back and forth between schools.

The Internal system uses a Booking app on 365 to add appointments and automate confirmation emails to schools.

New booking system and internal bookings app should reduce workload and increase efficiency of booking school visits.

Although a suitable AI programme has not yet been identified, horizon scans will continue as the AI dimension is rapidly expanding.

RISKS AND MITIGATIONS

ECFRS Prevention has implemented systems to mitigate the risk of the:

- Schools Vulnerability Matrix
- Bookings System

LINKS TO FIRE AND RESCUE PLAN

- Prevention, Protection and Response
- Help the Vulnerable Stay Safe
- Collaborate with our Partners

FINANCIAL IMPLICATIONS

All solutions have been developed in house by ECFRS.

LEGAL IMPLICATIONS

Data Sharing Solutions are being progressed via the Joint Education Governance Board.

STAFFING IMPLICATIONS

There are no staffing implications currently however, ECFRS continues to seek solutions to streamline the Educations Booking Process.

EQUALITY AND DIVERSITY IMPLICATIONS

The actions being taken will not have a disproportionate impact on individuals with protected characteristics (as defined within the Equality Act 2010), when compared to all other individuals and will not disadvantage people with protected characteristics.

Race	n	Religion or belief	n
Sex	n	Gender reassignment	n
Age	n	Pregnancy & maternity	n
Disability	n	Marriage and Civil Partnership	n
Sexual orientation	n		

HEALTH AND SAFETY IMPLICATIONS

None.

CONSULTATION AND ENGAGEMENT

Engagement of Internal and External Stakeholders.
 The Education and specialist interventions managers have consulted with the departments I.T Business Partner and held solutions meetings with wider I.T team to agree on most suitable options.
 Consultation with CFRMIS team has also taken place to explore options for improving integrations with CFRMIS.

FUTURE PLANS

Currently all school visits are recorded on CFRMIS post visit. The future plan is for the booking form and booking app to be integrated with CFRMIS and so a booking will be recorded as a job on CFRMIS that is then assigned to an officer.

This will also allow us to run reports of projected delivery and share with partners to increase collaborative school visits.

The work being undertaken will be overseen by the ECFRS Prevention Delivery Plan.

LIST OF BACKGROUND PAPERS AND APPENDICES

None.