

CORPORATE AND COMMUNITIES OVERVIEW AND SCRUTINY PANEL 17 JANUARY 2022

DATA SHARING AND ANALYTICS

Summary

1. The Corporate and Communities Overview and Scrutiny Panel has requested an overview of data sharing and analytics, which is part of the Panel's work programme.

2. The Cabinet Member with Responsibility for Corporate Services and Communication and the Strategic Director for Commercial and Change have been invited to attend the meeting.

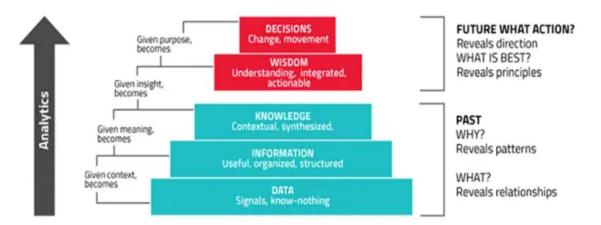
Background

3. Data is now the driving force of the world's modern economies. It fuels innovation and has been a lifeline during the coronavirus pandemic. The fact that the Council has been able to share vital information quickly, efficiently and lawfully during the pandemic has not only saved countless lives, but has enabled us to work from home, keep the economy running and stay connected during a period of unprecedented disruption.

4. The Council recognises the value of data, both its own and that held by other parties and partners: government departments, public authorities, schools, local businesses and industry, academia, social media and much more. Data can improve outcomes for the County's citizens by increasing efficiency, transparency and access to information. In addition, data can help the Council safeguard the public and provide them with the best available information about services the Council has to offer.

5. Information comes in many forms: policy documents, minutes, statistics, operational data, case files, personal data, and research papers. It is held in a variety of physical and electronic formats; it can be structured or unstructured. Across the Council this information is used in our daily working lives as we work to achieve our objectives, whether it be delivering services, formulating policy, managing projects, holding meetings, or managing staff.

6. The purpose of data analytics is to create intelligence, knowledge and wisdom from data in order to influence decision making or identify appropriate action to improve performance. A popular model of analytics is the DIKW (Data Intelligence, Knowledge, Wisdom) model depicted below.



7. Currently, data and analytical resources are not centralised in one place in the Council. Data management and Information Governance sits within the ICT and Digital function, while Management Information, Analytics and Research sits under Transformation and Commercial, and Public Health Evidence is in the Public Health team. In addition, there are a number of local resources (individual posts and "arms and legs") linked to specific systems or services. There is therefore some inconsistency in grading, roles and responsibility, access to information and stakeholders; however, there is little duplication of effort, and resources across these teams do tend to work quite effectively together (the data intelligence workstream under COVID-19 response being a recent example).

8. Please see Appendix 1 for a glossary of data sharing and analytics terminology.

Data Sharing Agreements

9. <u>Data Sharing Agreements</u>, (DSAs) also known as Information Sharing Agreements, are agreements that set out the lawful basis for the use of personal data across traditional organisational boundaries, to achieve better policies and deliver better joined-up and coordinated services to individuals.

10. DSAs are in place to lay out the arrangements for information sharing for a specific purpose or purposes, rather than organisation by organisation. They are usually set up to detail the arrangements for ongoing data sharing between organisations rather than ad hoc or one-off data sharing activities. DSAs set out the:

- purpose of the data sharing
- organisations involved in the sharing process
- standards to be met
- type of information to be shared and in what circumstances
- lawful basis or bases for enabling the sharing

11. The agreements therefore help all the parties involved in sharing to be clear about their roles and responsibilities. Having a data sharing agreement in place also helps to demonstrate the Council is meeting its accountability obligations under the UK GDPR.

- 12. Some Examples of DSAs:
 - i. The Integrated Health and Care System Data Sharing Agreement (ICS): The ICS brings together local health and care organisations to transform the healthcare and wellbeing of their population, creating shared leadership and action. To achieve this, Herefordshire and Worcestershire (H&W) Sustainability Transformation Partnership (STP) is working collaboratively with Birmingham and Solihull STP and Coventry and Warwick STP to develop an Integrated Care and Wellbeing Record (ICWR) that will enable the sharing of health and social care data, to facilitate the transformation of health and care services across traditional organisational and technological boundaries.
 - ii. Here2Help: Initially the Council's community action response to the COVID pandemic, this has now evolved into a directory of services for the community. Its primary focus is to support vulnerable residents unable to seek help from family, friends, or neighbours.
 - iii. Nimrod: Used to record data, track and manage situations and outbreaks relating to settings, involving cases of Covid-19 that have been reported as positive or suspected to the Public Health LORT e.g. in schools, workplaces, businesses or social care settings. The system and data is used by Worcestershire and Herefordshire.
 - iv. Multi Agency Safeguarding Hub (MASH): Data sharing to deliver social care a facility for multiple partners to secure and share child data to enable them to securely collaborate to develop an action plan that will provide the necessary support to ensure the continued safety of the child at risk.
 - v. Community Safety Board: Plans are being formulated to facilitate crossorganisation data sharing and analysis. The initial focus will be domestic abuse. Existing Local Government (LG) Inform reports set the overarching view of crime and disorder, and domestic abuse (<u>Crime and Disorder</u> and <u>Domestic abuse</u>).
 - vi. Worcestershire Safeguarding Adults Board and Worcestershire Safeguarding Children Partnership: Data sharing to enable the co-ordination of local work to ensure that adults and children with care and support needs across Worcestershire are protected from harm and abuse.

13. Ad hoc information sharing requests – in the 2021 calendar year, a total of 45 requests were received by the by the Corporate Information Governance Team (CIGT) for information that is not routinely shared. These are usually requests made by other organisations where there is no data sharing agreement in place, but there is a lawful basis to underpin the data sharing.

14. Please see Appendix 2 for an extract of the Information Sharing Agreement Register.

Crime and Taxation Disclosures

15. In the 2021 calendar year, a total of 179 individual data sharing requests were received and logged by the Corporate Information Governance Team (CIGT). Such requests are mostly received from the Police in relation to ongoing investigations but can be made by other organisations who have a crime prevention, law enforcement or tax collection function.

Sharing Data with the Public

16. As the public become more aware about how their data is being used, shared and

linked, they also want to be more in control, especially regarding sensitive personal data. Public services are in general committed to the principles of putting data in the hands of citizens. But in practice this can be difficult:

- Citizens are not uniformly ready for what is a fundamental shift they will need support and systems design with a range of protections in place.
- Systems are not designed this way they are still largely central, curated and managed by professionals.
- There are a variety of circumstances where sharing data with the citizen needs care; will it be understood? Does it need to be communicated?

17. Pro-active and automated publishing of data as Open Data, striving to achieve the Council's ambition of most of its data being openly and regularly published – promoting re-use of data by external organisations and the Council in a reusable format. Furthermore, the Council must join this up to wider Council services to realise efficiencies and savings – including in the processing of Freedom of Information requests etc.

18. The Council has statutory requirements to report on key performance and management information, including adult social care, gender pay gap, schools census. The Council is fully compliant with these statutory requirements, and monitors this regularly as part of performance framework and scrutiny reporting.

Understanding Future Service Demand (including predictive analysis)

19. Usual statistical models apply a set of known relationships to a dataset. For example, exponential smoothing (a time series forecasting method for univariate data) will have its way of estimating the underlying demand level and trend. On the other hand, machine learning is about letting an algorithm understand a dataset and its underlying relationships on its own.

20. There are several examples of systems in the Council that capture data and could be used to help predict service delivery e.g.

Name	Description	Stage
PredictX	NHS Digital Project. Dynamic (interactive) dashboard showing aggregated data of health and social care customers	Beta version of the dashboard live
AffinityWorks / Landscape	Provides predictive analytics around Adult Social Care to support budget setting, monitoring and to inform commissioning decisions using data in near real time and creating 'on demand' analytics and reporting. Consumed by WCC staff via a Power BI dashboard. Procured as part of the LAS/ContrOCC implementation	Live and deployed
Pentana KPI	New Corporate Performance Management system. Rewrite of Councils KPI framework and escalation hierarchy to provide greater insight into cross council performance. Reporting of performance information to variety of sources from a single source of	Currently building KPI list based on Service plans, using Corporate plan priorities as overarching themes.

truth using combination of Pentana reporting capability and Power BI dashboard (tba).Joint StrategicSingle source of commissioning intelligence relating to health and determinants of health, including key health themes and demographic dashboards (population and housing estimates and projections)Joint Strategic Needs(JSNA)including key health themes and demographic dashboards (population and housing estimates and projections)Joint Strategic NeedsIntegratedProvision of Social Care data to be included in the ICWR which will be available to all partners within the Integrated Care System across the H&W STP (Hereford & Worcestershire), BSOL STP (Birmingham and Solihull) and Coventry and Warwick STP. All partners will also be contributing data to the ICWR, a subset of which will be available to view by Social Workers through an integrated viewer within Liquid LogicImplementation of the integrated viewer within Liquid Logic is underway.ICS 4 IsThe ICS 4 Is group has remit to produce new insights from a joint health and social care data lake, created from the joint health and social care record.Initial scoping of potential Insights solutions underwayAdult Social Care - Client Level Data qap between LAs and national records of social care data to allow more frequent and timely reporting between submission and publicationInitial data reports written, WCC signed up as early adopterControccProvides the Financial functionality toData is fed into
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support Adults and Childrens Social Care Affinity Works /
case management. As such is data rich in Landscape to
terms of trends in care needs and costs create predictive
Worcestershire Single source of all data and intelligence Business Plan
Observatory relating to Worcestershire's people and proposal (BPP)
place, incorporating service data where submitted to
appropriate and links to national public data Digital
(e.g. deprivation, Census, ONS etc). To be Transformation
made available on the Council's website for Board for
external users but also providing a hub for prioritisation
internal staff to promote to BI developments
InstantAtlas Dynamic data provision (health/public health Live
data) to commissioners, partners, and public
Highways Uses data to manage, monitor and predict Live and deployed
Maintenance highways maintenance activities. For
GIS example white lining and cats eyes shows
age when they are due to be replaced based
on the data relating to materials used and
installation date.
HighwaysRealtime data used to co-ordinate aLive and deployed
Emergency response required to maintain the highways
GIS network during emergency situations for
response example severe weather.

Sentinel	Data used for coordinating an emergency response. For example, if a chemical spill occurs teams are able to locate vulnerable people within the affected area.	Live and deployed
Nimrod	Used to record data, track and manage situations and outbreaks relating to settings, involving cases of Covid-19 that have been reported as positive or suspected to the Public Health LORT e.g., in schools, workplaces, businesses or social care settings. The system and data is used by Worcestershire and Herefordshire.	Live and deployed

21. The County Council does not have a predictive strategy as such but employs a variety of methods and analyses to inform future demand. These include demographic projections (localised analysis of Office of National Statistics data to demonstrate changes in population statistics), customer segmentation (using ACORN) to identify areas of the Council with specific socio-economic characteristics, financial projections (such as those provided by Affinity Works / Landscape) to predict Adult Social Care spend. Since the start of the pandemic a number of models have been used to try and understand potential spread of the virus and impacts on services. In addition, the Council routinely monitors and reports against key performance indicators in Adult Social Care, Economy and Infrastructure, and Corporate Support services, including elements of future trends as appropriate. To a large extent, this work is based on projections and forecasts (see glossary for more details) and could loosely be described as predictive but is distinct from the strict definition of predictive analytics (which is about the creation of models that describe causal relationships between events such that the observation of one event can be used to predict the likelihood of the occurrence of another).

22. In recent years, the Council has explored opportunities to develop predictive analytics approaches. These have generally been funded through specific grant funding (such as the NHS Digital Pathfinder Programme) as the projects tend to be complex and require dedicated resourcing. Relevant examples include a risk stratification model to identify key characteristics of self-funders who subsequently required council funded care, called "self-funder pickups" (for which the Council won a national award), and the current PredictX project which was originally focussed on the use of Assistive Technology (AT) data to predict imminent changes in health and social care need, but was rescoped to offer insight into potential service demand created by the pandemic.

23. Worcestershire is far from unique in its approach to predictive analytics. Very few councils have a defined predictive strategy, or in-house capacity that is skilled in predictive methods. The resourcing of data science and machine learning is very difficult in an environment of budget pressures. In general, councils tend to identify third party organisations to assist with the predictive work. Worcestershire contributed to an Local Government Association (LGA) report in 2020 about the adoption of predictive analytics in local government (see <u>Using predictive analytics in local public services</u>] Local Government Association).

Demographic Projections

24. One of the most widely used, and well-established pieces of future looking analyses

is demographic projections. The Council regularly updates a comprehensive local report on the future of the County's population and housing trends and publishes this as part of the Joint Strategic Needs assessment. It is of particular importance in the commissioning of services, service redesign and some budget setting activity. The dashboard can be found at <u>Joint Strategic Needs Assessment | Worcestershire County</u> <u>Council.</u> All demographic projections will be due a major update shortly due to the emerging Census 2021 data.

Public Health Data Sharing

25. Public Health leads on the Joint Strategic Needs Assessment (JSNA). The JSNA requires a collaborative and joined up approach, which is owned, developed and used by members of the Health and Wellbeing Board. Needs assessments and population-level data is published at: <u>https://www.worcestershire.gov.uk/jsnapublications</u>

26. It is recognised that no single organisation can produce a successful JSNA, and requires a collaborative effort. The JSNA in Worcestershire is evolving to incorporate needs and asset assessments, qualitative insight, establishing more self-service data tools, and using automation where possible to reframe Worcestershire's JSNA offer. Strengthening of links between the JSNA and emerging population health management approaches also present new opportunities to do things differently in Worcestershire.

27. Our first step towards this new JSNA approach is to procure and operationalise a system called 'ESRI Instant Atlas' to allow easy access to a suite of datasets and reports, covering health, wellbeing and wider indicators. This new platform will be home to a wealth of other automated reports, traditional needs assessments and community profiles.

28. The public health team also works with many other datasets, such as COVID-related data, births & deaths data, childhood metrics and modelling work. Public data dashboards produced by public health have been highly successful, including the COVID dashboard which is accessed thousands of times each week: https://www.worcestershire.gov.uk/COVIDdashboard

29. Through working with the Integrated Care System (ICS), public health is working to shape population health management, and also gaining access to datasets which have not been accessible to public health in recent years.

Data Management and Insight Strategy

30. The <u>Data Management and Insight Strategy (2021-2023)</u> states the Council's ambition to improve data use, seeking to use data to innovate, boost productivity and improve services to deliver the wider strategic outcomes of our organisation. Data management is a key enabler for the successful operation of the Council.

31. Priority 3 of the strategy is Data Availability. For data to have the most effective impact, it needs to be appropriately accessible, mobile and re-usable. That means encouraging better coordination, access to and sharing of data of appropriate quality between organisations in the public, private and third sectors, and ensuring appropriate protections for the flow of data internationally.

Information Governance Strategy

32. The Council's <u>Information Governance Strategy (2021-2023)</u> describes the development and implementation of a robust Information Governance (IG) framework needed for the effective management and protection of organisational and personal information. The IG Strategy was ratified by the Corporate Information Governance Board (CIGB) on the 1 February 2021. The delivery of the strategy will fall under the overall control of the Assistant Director of IT and Digital and the Information Governance and Compliance Manager.

Better use of Data

33. The use of data plays an increasing role in designing, delivering and transforming public services to improve outcomes and drive efficiencies within current financial constraints.

34. More data than ever is available to inform digital tools and services and get greater insights into user needs and local places.

35. The LGA is working to get a better understanding about the value of data in public services and encourage local authorities to open up, share and better use data. Better use of data | Local Government Association

PowerBI Strategy

36. Currently, the Council has an ad hoc approach to PowerBI use. There are pockets of development (including COVID dashboards from Public Health, Commercial dashboards and IT performance frameworks) and a few dashboards in the public domain including demographics and economic assessment.

37. To increase the use and potential of PowerBI, the Council is currently developing a corporate approach to its deployment across the Council, including a proportionate licensing solution (which will facilitate the sharing of reports and dashboards with a wider audience, including elected members and senior managers), and development of a training programme and community of practice to support developers. An initial cohort of developers has recently completed initial training, and a Microsoft Teams site has been established to provide a digital platform for the sharing of intelligence and reference material between those staff that use the software. Both the COVID-19 situation reports, and recovery dashboards are currently delivered or are in development in PowerBI, and a more corporate approach to updating and cascading these dashboards will assist in making better use of these dashboards. Further use cases around better management and reporting against our property, our staff, and our finances will support the Council's respective recovery programmes, and strategies that contribute to the recovery plan, including Smarter Ways of Working, Workforce Strategy, Digital Strategy etc.

38. The approach to developing the PowerBI offer to the Council goes beyond just the visualisation and sharing of data outputs. As part of the above approach, a proof-ofconcept data warehouse in Microsoft Azure is being developed, initially focussed around employment data, to serve as a single data source for development of the next generation of workforce reporting in PowerBI, but which will also serve as a template for future data warehousing approaches. Ultimately this is to try and establish the optimal approach to delivering data management, analysis and dynamic reporting, for which there has been significantly greater demand in recent years. The initial project will be a collaborative approach between ICT, MIAR, and HR / OD and Engagement. It will run alongside the proposed System Enablement programme in HR.

Purpose of the Meeting

39. The Corporate and Communities Overview and Scrutiny Panel is asked to:

- consider the information provided in the report
- determine any comments to highlight to the Cabinet Member with Responsibility for Corporate Services and Communication

Supporting Information

Appendix 1: Glossary

Appendix 2: Information Sharing Agreement Register extract - Data Sharing Agreements

Contact Points

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Background Papers

In the opinion of the proper officer (in this case the Assistant Director for Legal and Governance) there are no background papers relating to the subject matter of this report.



Appendix 1: Glossary

Term	Description	
Accountability	Having accountability means that someone can be described as	
,	being liable or answerable for the completion of a certain task.	
	Responsibility can be delegated, but accountability cannot.	
Analytics	Using data to derive intelligence (it can be predictive or historic).	
/	The term predictive analytics has become something of a catch-all	
	term to describe any attempt to use data to provide insight about	
	future events.	
Application	A technical interface consisting of a set of protocols and data	
Programming	structuring (API specifications) which enables computer systems to	
Interface (API)	directly communicate with each other. Data or services can be directly	
	requested from a server by adhering to the protocols.	
AI Analytics	Al analytics refers to a subset of business intelligence that uses	
, , , , , , , , , , , , , , , , , , ,	machine learning techniques to discover insights, find new patterns	
	and discover relationships in the data. In practice, AI analytics is the	
	process of automating much of the work that a data analyst would	
	normally perform.	
Artificial	Artificial intelligence is the simulation of human intelligence	
intelligence	processes by machines, especially computer systems. Specific	
_	applications of AI include expert systems, natural language	
	processing, speech recognition and machine vision.	
Attribute	Any distinctive feature, characteristic or property of a data object that	
	can be identified or isolated quantitatively or qualitatively by either	
	human or automated means.	
Authentication	A process that is used to confirm that a claimed attribute of an entity	
	is actually correct.	
Authenticity	In the context of information security, authenticity refers to the	
	truthfulness of information and whether it has been transmitted or	
	created by an authentic sender. Authenticity can be achieved, e.g. by	
	digitally signing a message with the sender's private key. The	
	recipient can verify the digital signature with the matching public key.	
Authorisation	The process of giving someone or something permission to do	
	something, for example to gain access to services or data.	
Bilateral	Covers agreements between two data-sharing actors, ranging from	
Agreement	legal obligations to non-binding agreements of principle allowing them	
	to share data.	
Certificate	A trusted third-party entity issuing digital certificates (e.g. X509-	
Authority	certificates) or host services to validate certificates issued.	
Confidentiality	In the context of information security, confidentiality refers to the	
Composit	protection of information from disclosure to unauthorised parties.	
Consent	Any freely given, specific, informed and unambiguous indication of	
	the data subject's wishes by which he or she, by a statement or by a	
	clear affirmative action, signifies agreement to the processing of	
	personal data relating to him or her.	
Credentials	In the context of information security, credentials are used to control	
	access of someone or something to something, for example to	

	convisoe, data or other functionalities. The right producticle validate
	services, data or other functionalities. The right credentials validate
Data Accet	(i.e. Authentication) the identity claimed during Identification.
Data Asset	A data resource, controlled by an organisation to generate revenue, e.g.: a system, application output file, document, database, web page.
Data	An individual, group, or application that receives data in the form of a
Consumers	collection. The data is used for query, analysis, and reporting.
Data	A system that employs interoperability components (standards and
Governance	policies) to ensure the acceptable use and high quality of data within
Covernance	a specific ecosystem. Manages the availability, usability, consistency,
	integrity, and security of the data used.
Data Portability	The ability of data to be easily moved across interoperable
	applications and domains. The legal right to data portability, granted
	in some jurisdictions to individuals, can be delivered through a range
	of technical mechanisms and varies in scope according to the
	jurisdiction. Our principle of data portability encompasses the ease of
	both access to and reuse of data.
Data Model	Description of how data can be stored, processed and accessed.
Data Pollution	The abundance of data in the digital environment and the damage
	this can cause to citizens and businesses
Data Providers	Any person or organisation that makes data available.
Data Self-	The capacity of an individual or organisation to control who has
determination	access to their (personal) data and under what conditions (see also:
	Data Sovereignty).
Data Source	A source of data assets that is being exposed to data consumers by
	data providers. The role responsible for collecting, storing, and
	controlling personal data which persons, operators, and data using services may wish to access and use.
Data	The capability of an individual or organisation to be entirely self-
Sovereignty	determining with regard to their data (see also: Data Self-
corororginy	determination).
Data Using	The role responsible for processing personal data from one or more
Service	data sources to deliver a service.
Delegation	The act of designating someone or something to act for another or to
Ū	represent others. In a data sharing scheme, this means that one party
	designates another party to share or consume data or to issue
	authorisations on their behalf.
Ecosystem	The overall system created by the activities and connections of a set
	of actors and infrastructure interacting according to a common set of
	rules. Multiple ecosystems can exist, overlap, and collaborate.
Encryption	Encryption is the process of converting data from plaintext to
	ciphertext. Decryption is the process of converting data from
	ciphertext to plaintext. A cryptographic key represents the input that
Forecosting	controls the operation of the cryptographic algorithm.
Forecasting	A kind of prediction that uses historical data to identify future
	trends. Example – whether it will rain tomorrow based on the meteorological data available today.
Governance	A system of rules, practices, and processes used to direct and
	manage an ecosystem. The four pillars of good governance are
	transparency, fairness, accountability, and security.
Identity	An intermediary party offering services to create, maintain, manage
Provider	and validate identity information for parties that share data within a
	collaborative solution (See also: Collaborative Solution).
Individual	A natural, living human being.
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Interoperability	The ability of different systems to work in conjunction with each other
	and for devices, applications or products to connect and communicate
	in a coordinated way, without effort from the person.
Levels of	Within online authentication, depending on the authentication protocol
Assurance	used, different levels of assurance give the server different degrees of
	certainty about the client's identity. Depending on parameters such as
	the quality of the registration process, quality of credentials, use of
	biometrics or multiple authentication factors and information security,
	an authentication protocol can provide a server with high or low confidence in the claimed identity of the client. For low-interest
	products, a low level of assurance might be sufficient, while for
	sensitive data it is essential that a server is confident that the client's
	claimed identity is valid.
Machine	Machine learning is a method of data analysis that automates
learning	analytical model building. It is a branch of artificial intelligence
loaning	based on the idea that systems can learn from data, identify patterns
	and make decisions with minimal human intervention.
Metadata	Information about data that helps describe, structure or administer
	that data.
Non-	In the context of information security, non-repudiation refers to the
repudiation	fact that the sending (or transmission) and receipt of the message
	cannot be denied by either of the involved parties (sender and
	recipient).
Operator	The role responsible for operating infrastructure and providing tools
	for the person in a human-centric system of personal data exchange.
	Opera- tors enable people securely to access, manage, and use
	personal data about themselves as well as to control the flow of
	personal data within and between data sources and data using
Person	services. The role of data subject as represented digitally in the ecosystem.
reison	Persons manage the use of personal data about themselves, for their
	own purposes, and maintain relationships with other roles.
Persistent	A sequence of characters that identifies an entity, usually in the
Identifier	context of digital objects that are accessible over the internet.
Platform	A platform facilitates the exchange of value between two or more
	parties, with the multiple parties interacting through the platform.
Prediction	Making a statement or prophesy about what is likely to happen in
	the future (a prediction may or may not rely on past events).
	Example – the outcome of a football match.
Projection	Calculating numerical values associated with the future. Example –
	projected population figures.
Provenance	Data origin.
Role	A function or set of responsibilities for a particular purpose.
	A common set of multilateral agreements that facilitates standardised
Scheme	and decentralised data sharing directly amongst participants.
Structured Data	Data that adheres to a predefined data model which is primarily useful
Assets	for interpretation by machines.
Trust	A structure that lets people and organisations do business securely
Framework	and reliably online.
Unstructured Data Assets	Data that does not have a pre-defined data model or is not organised in a pre-defined way, making it primarily interpretable by humans.
Dala ASSEIS	in a pre-defined way, making it primarily interpretable by numaris.

Appendix 2: Information Sharing Agreement Register extract - Data Sharing Agreements¹

Reference	Description
ISP023	Disclosure of information in cases of alleged child abuse and linked criminal
	and care directions hearings
ISP032	Multi Agency Safeguarding Hub (MASH)
ISP033	Worcestershire Safeguarding Adults Board
ISP037	Community Safety
ISP049	Worcestershire Joint Strategic Needs Assessment Data Sharing Agreement
ISP053	Child Health Information Service (CHIS)
ISP057	Adoption Central England (ACE)
ISP058	Taxi Driver Training Service
ISP061	Worcestershire Safeguarding Children Partnership
ISP071	Child Death Overview Panel
ISP072	Worcestershire Suicide Audit Group
ISP073	Worcestershire Drug Related Deaths Review
ISP074	Worcestershire Joint Protocol for Young People
ISP076	Child Protection Information Sharing for Covid-19
ISP077	Here2Help Worcestershire
ISP078	Non-Shielded Vulnerability Scheme- access to food delivery slots
ISP079	GET Safe Partnership
ISP080	Coronavirus Rapid Data Sharing Track and Trace
ISP081	Outbreak Control Programme (NIMROD)
ISP082	Traffic Penalty Tribunal Appeals
ISP083	Machine learning to support delivery of Adult Social Care (Covid-29)
ISP084	NAAMH Mental Health
ISP086	Pause
ISP087	Local Enterprise Partnership
ISP089	CAMHS SPA Access
ISP091	Collaborative Care Record
ISP093	UK Resettlement Scheme
ISP095	Patient Tracker
MOU004	Exchange of information under the Anti-Terrorism Crime and Security Act 2001 (ATCSA)

¹ This is an extract from the Information sharing Agreement resister for illustrative purposes.

Corporate and Communities Overview and Scrutiny Panel – 17 January 2022