

MOBILITY DATA SHARING ASSESSMENT: INFOGRAPHIC
An overview of the mobility data sharing assessment process

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1 Mobility Data Sharing In Context

Backdrop	Objective	Stakeholders
<ul style="list-style-type: none"> Data sharing title and description Data sharing agreements (or other documentation) Regulatory oversight Administrative information (contact, date) 	<ul style="list-style-type: none"> Reason for sharing data Desired outcomes Types of data 	<ul style="list-style-type: none"> Data provider(s) Data recipient(s) Individuals (data subjects) Other impacted communities

2 Lawfulness: Can You Share The Data?

Privacy Laws and Obligations	Changing Legal Landscape
<ul style="list-style-type: none"> Governing agreements Applicable laws, regulations, statutes 	<ul style="list-style-type: none"> Potential changes to applicable laws, regulations, statutes Plans to monitor potential changes

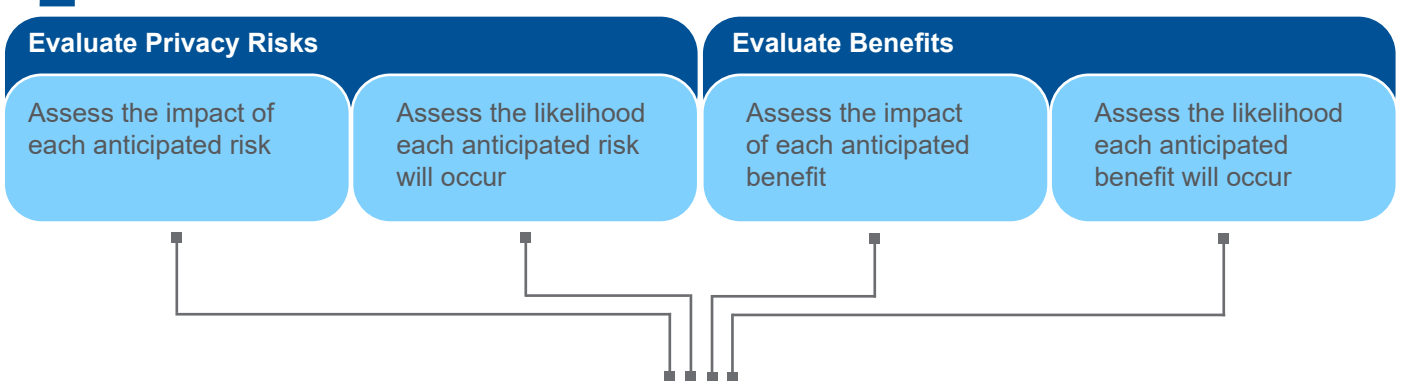
3 Fairness: Should You Share The Data?

Relevancy and Proportionality

Key Attributes of Mobility Data	Key Characteristics of Location Data	Making the Connection
<ul style="list-style-type: none"> Data Type Data Source Format / Method Identifiability Other sensitive attributes 	<ul style="list-style-type: none"> Precision Density and zoning Immediacy Continuous or snapshot Combined with timestamps 	<ul style="list-style-type: none"> Each data type is relevant and proportionate to the objective Privacy-friendly alternatives

Data Quality and Retention	Transparency	Ethics, Equity and Anti-Discrimination
<ul style="list-style-type: none"> Accurate Complete Representative Retention 	<ul style="list-style-type: none"> Individual engagement Community engagement 	<ul style="list-style-type: none"> Ethical Considerations Anti-discrimination goals Bias and disparate impacts Function or scope creep

4 Impacts: Do The Benefits Outweigh The Privacy Risks?



Weigh the Risks Against the Benefits

Benefit	Risks				
	Very Low Risk	Low Risk	Moderate Risk	High Risk	Very High Risk
Very High Benefit	Blue	Blue	Green	Yellow	Yellow
High Benefit	Blue	Green	Green	Yellow	Orange
Moderate Benefit	Green	Green	Yellow	Orange	Orange
Low Benefit	Green	Yellow	Orange	Orange	Red
Very Low Benefit	Yellow	Orange	Orange	Red	Red

Determine Balance of Data Sharing Benefits and Privacy Risks

Benefits substantially outweigh privacy risks	Benefits slightly outweigh privacy risks	Benefits equal risks (or risk is high/very high)	Benefits are slightly outweighed by privacy risks	Benefits are substantially outweighed by privacy risks
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5 Controls: Key Privacy Safeguards For Data Sharing

There is a Wide Variety of Technical, Organizational, and Legal Safeguards and Controls, such as

<ul style="list-style-type: none"> Data minimization Transparency Consent and social license Retention and disposal 	<ul style="list-style-type: none"> Limitations on public disclosure and other onward transfer of data Third-party management Data security Use of privacy enhancing technologies
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6 Mobility Data Sharing In Practice

Ongoing Monitoring and Accountability

- Monitor data sharing initiative for changes and update the MDSA Tool if necessary
- Monitor effectiveness of privacy safeguards
- Document and communicate changes

7 Conclusion

Navigating the Road Ahead

- Strengthen relationships and knowledge
- Develop or adapt contracts, policies, and other procedures
- Promote transparency and accountability
- Develop additional resources and best practices

