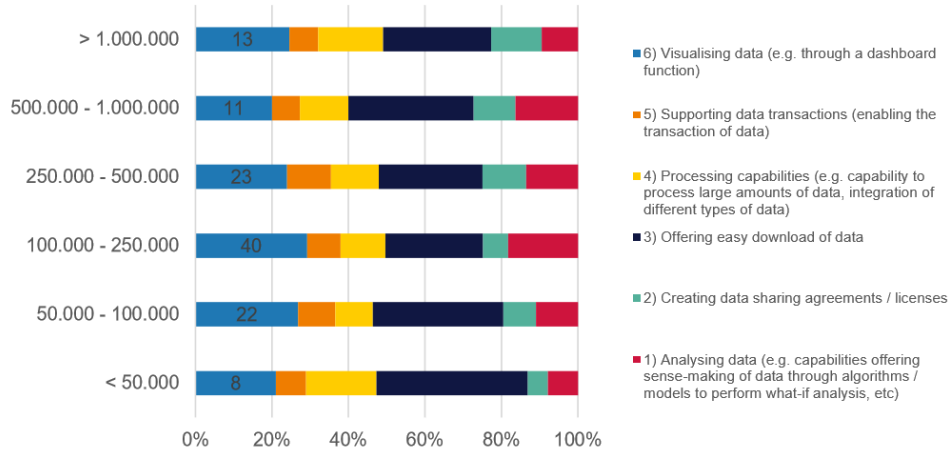
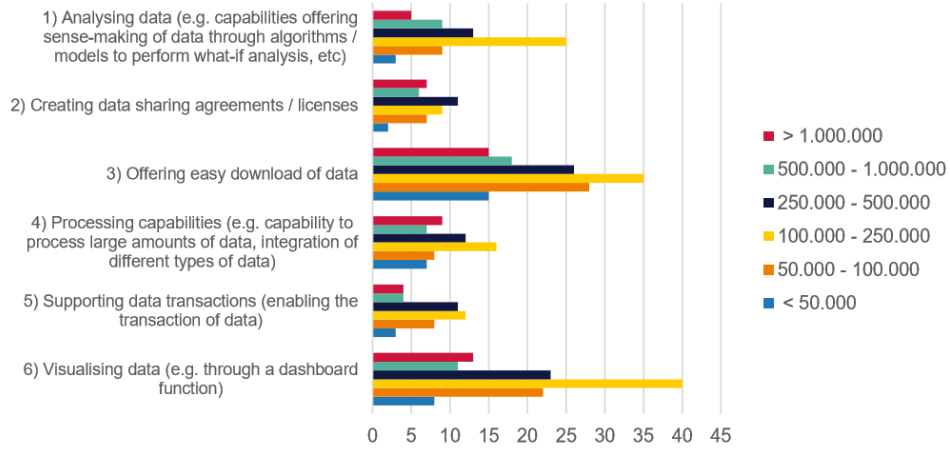


5.2.2 Please select any additional functions the Urban Data Platform can perform:



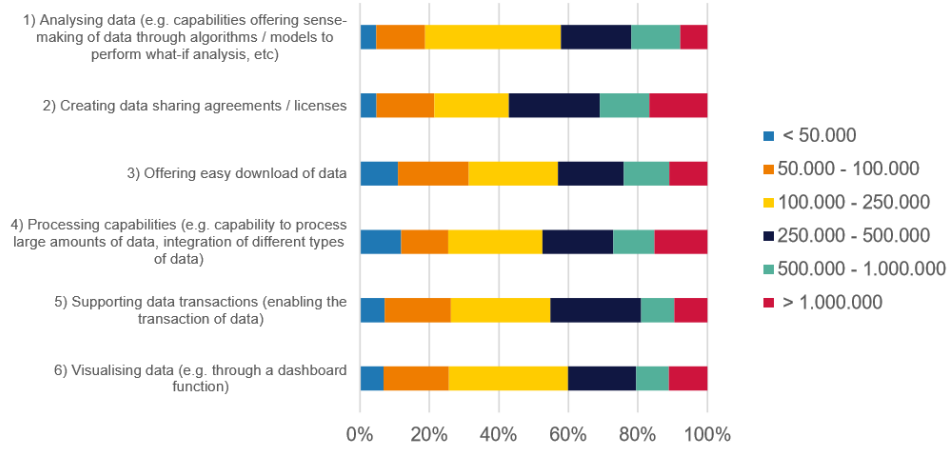
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



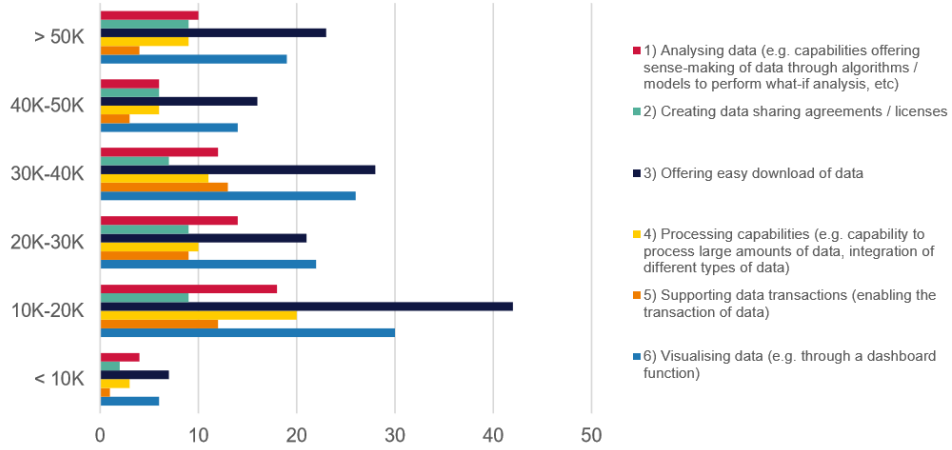
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



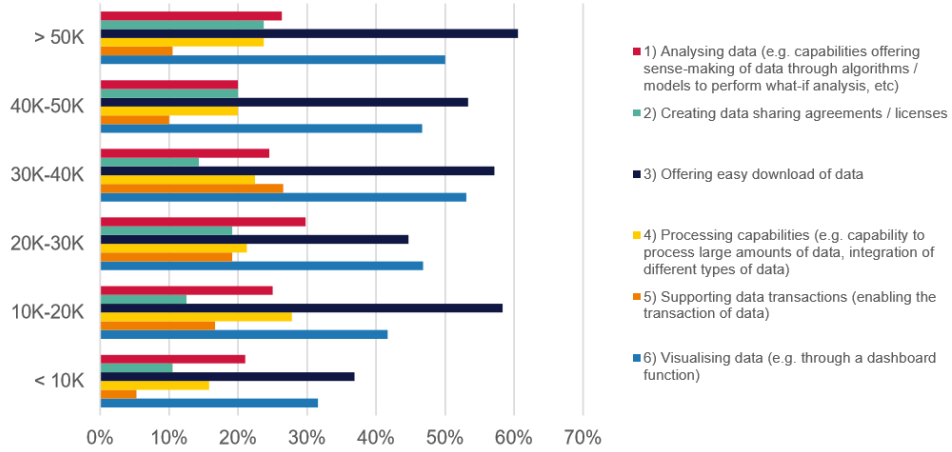
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



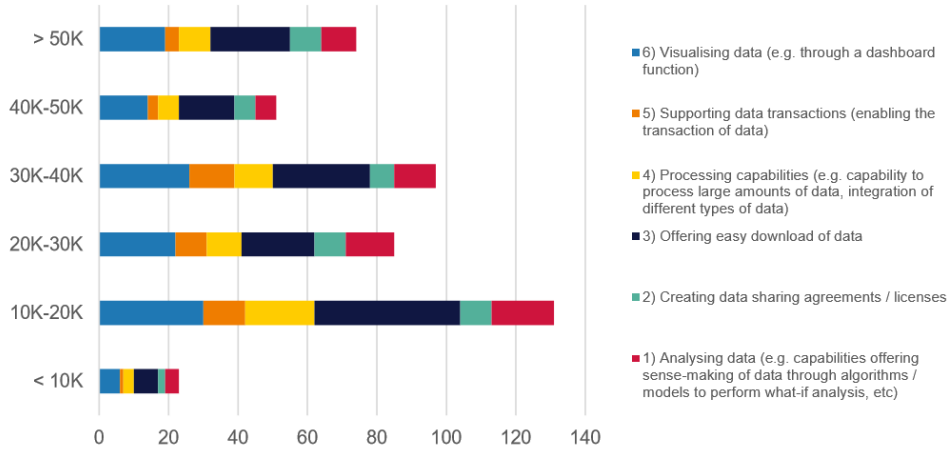
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



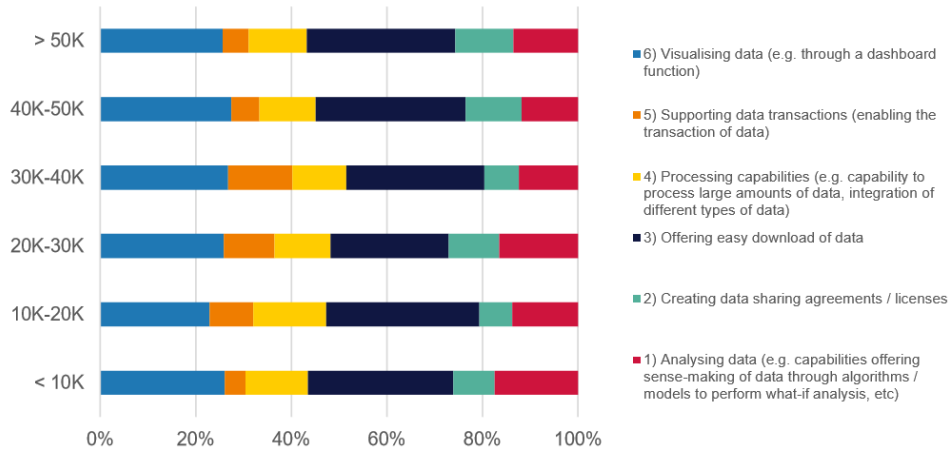
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



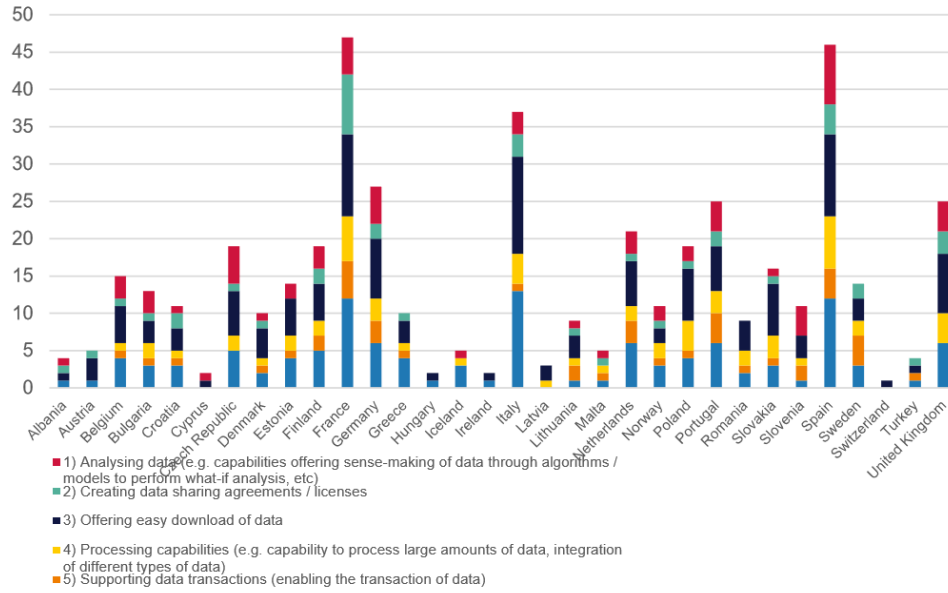
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



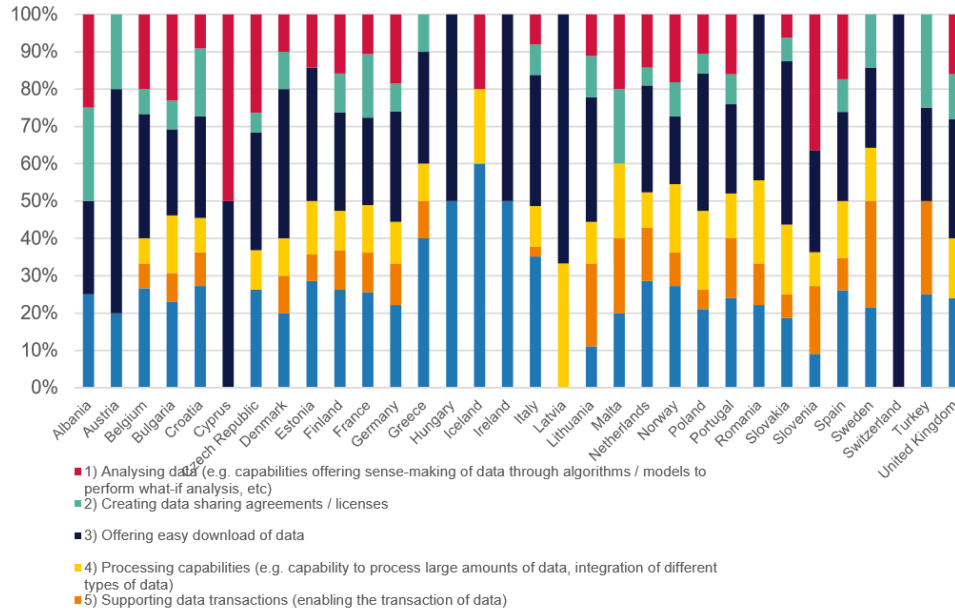
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Country	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Country	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:

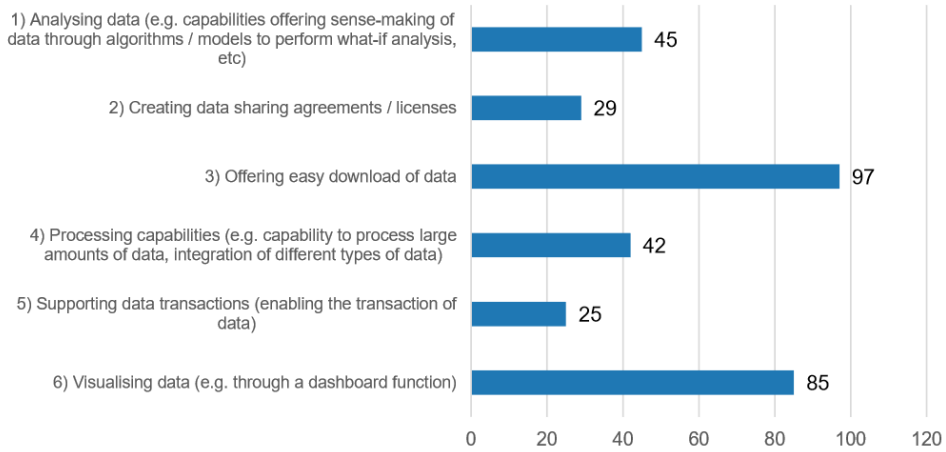
REFERENCE SAMPLE

Question type: **Multiple choice**
 Number of analysed questionnaires: **155**
 Number of cities respond to this specific question: **121 (78%)**

<i>Answer</i>	<i>Count</i>	<i>Percentage*</i>
1) Analysing data (e.g. capabilities offering sense-making of data through algorithms / models to perform)	45	37%
2) Creating data sharing agreements / licenses	29	24%
3) Offering easy download of data	97	80%
4) Processing capabilities (e.g. capability to process large amounts of data, integration of different types of)	42	35%
5) Supporting data transactions (enabling the transaction of data)	25	21%
6) Visualising data (e.g. through a dashboard function)	85	70%

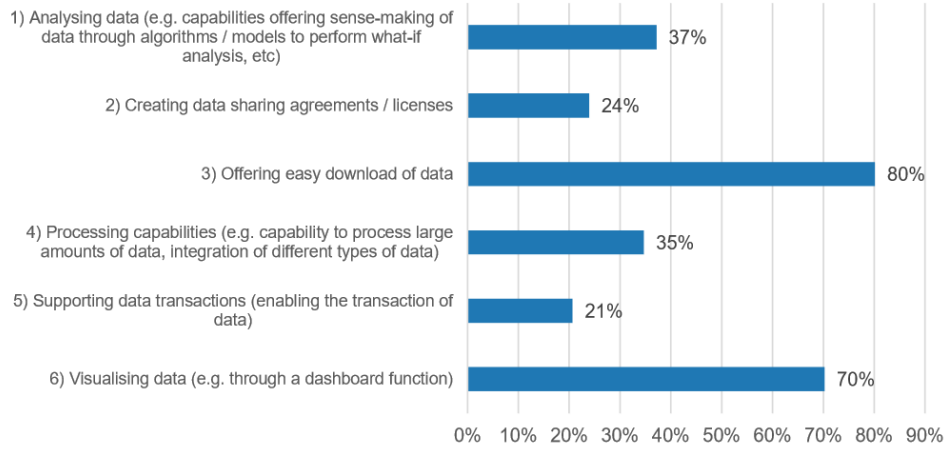
* The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.2 Please select any additional functions the Urban Data Platform can perform:



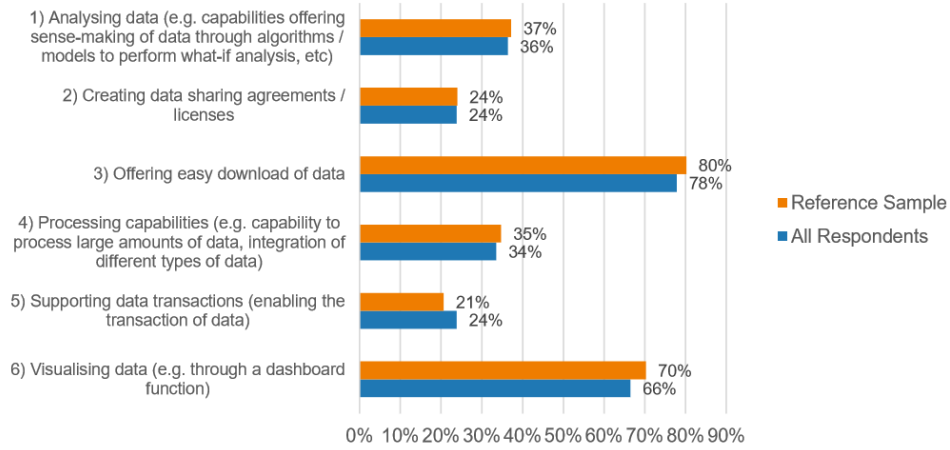
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	-	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



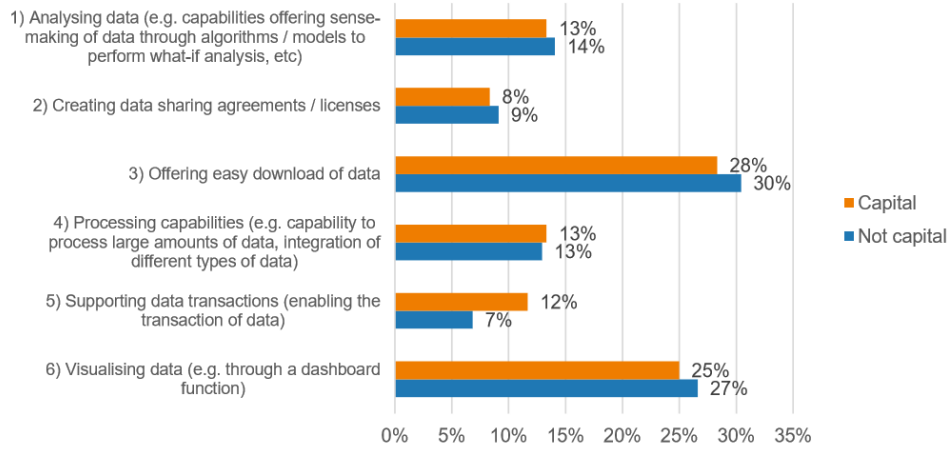
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	-	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



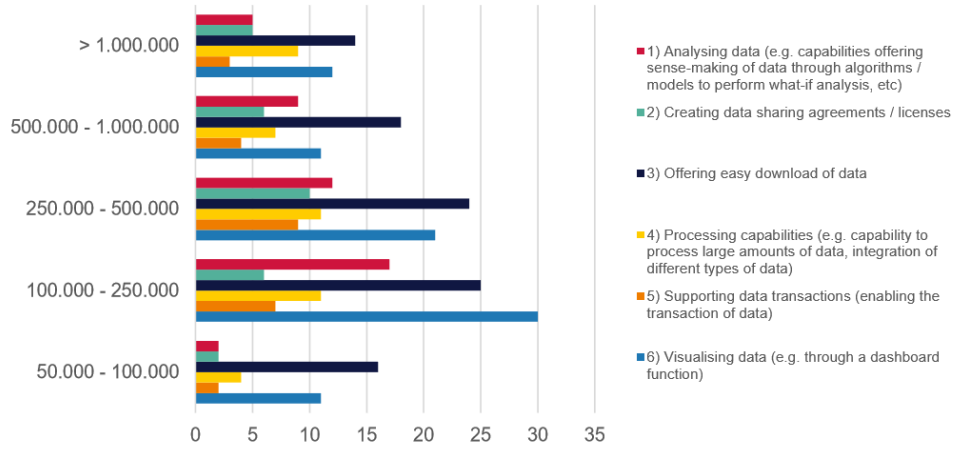
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Reference Sample	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



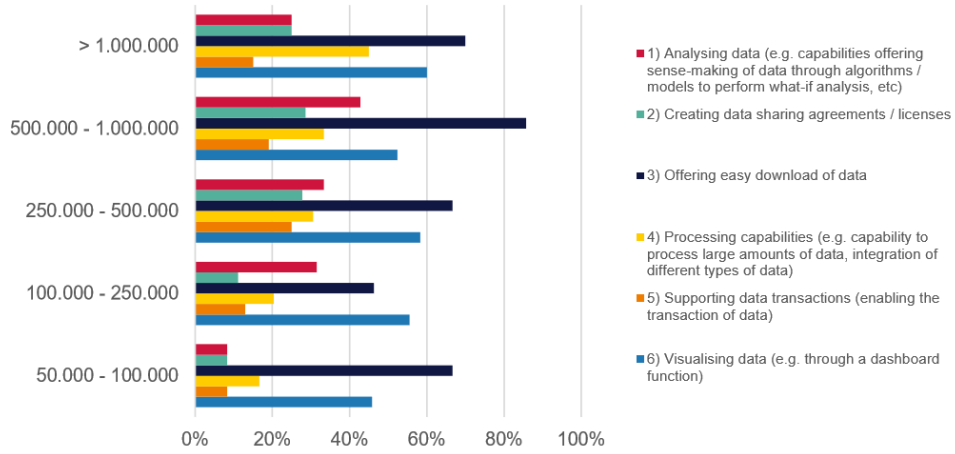
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Capital cities	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



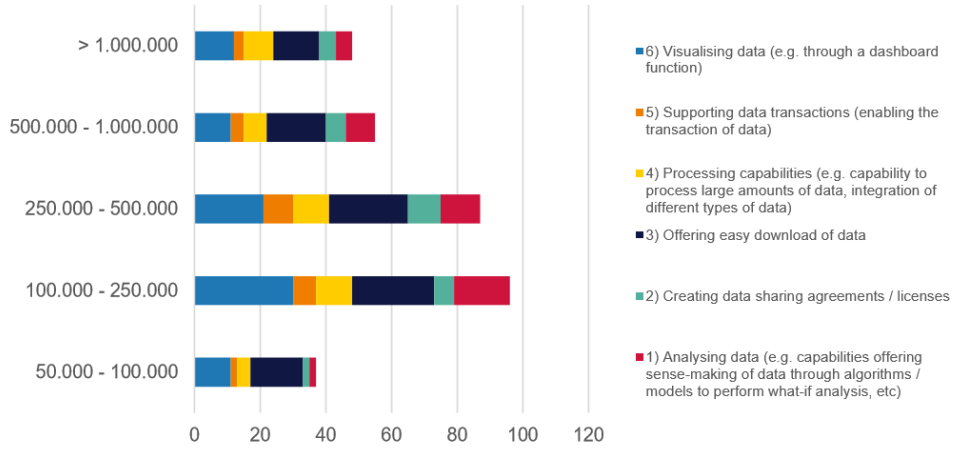
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



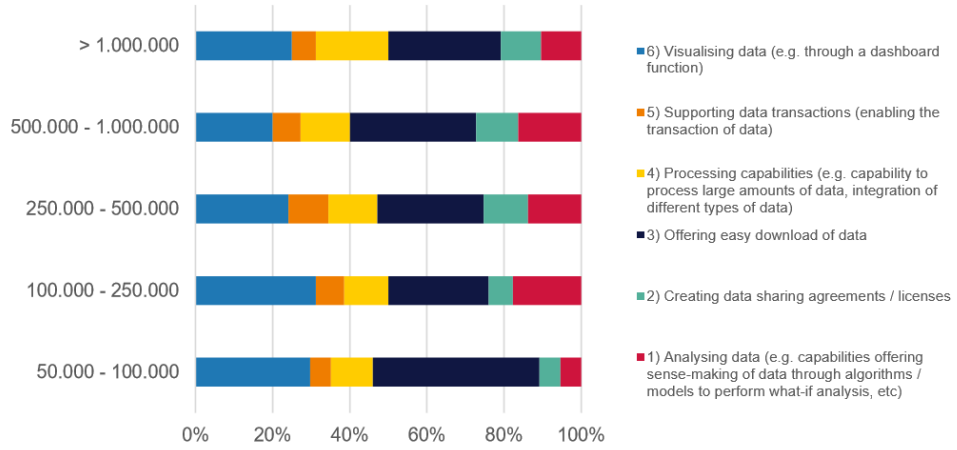
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



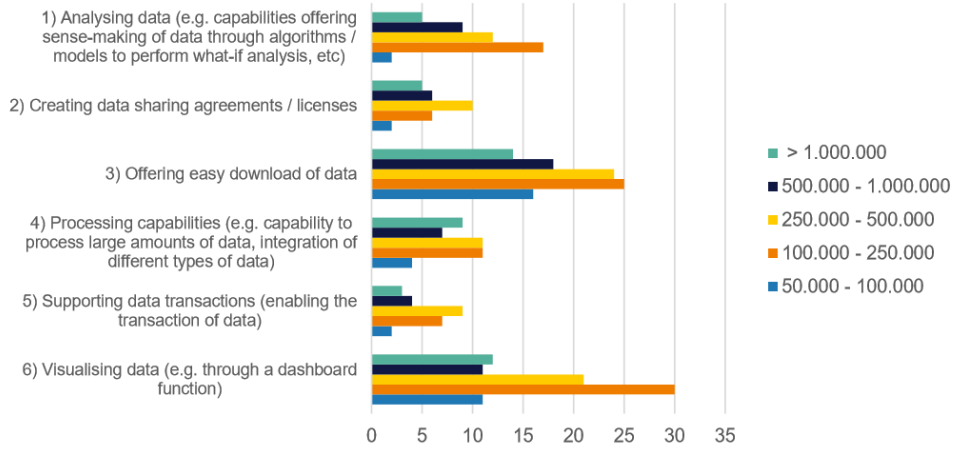
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



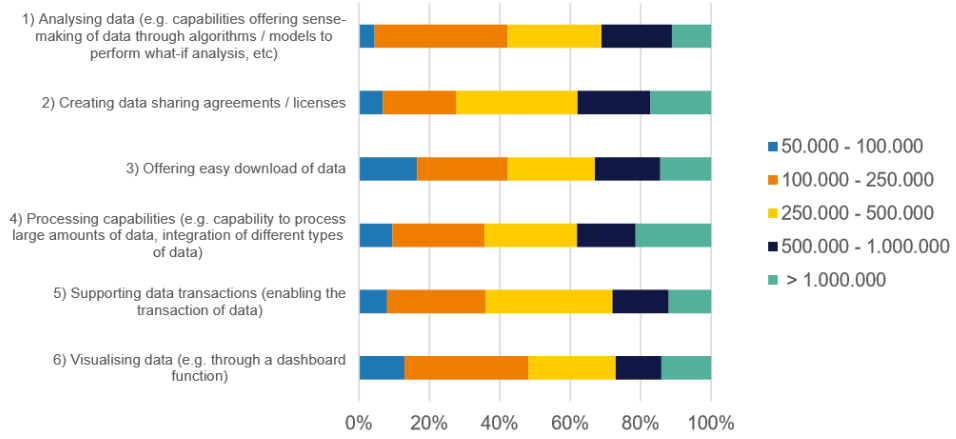
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



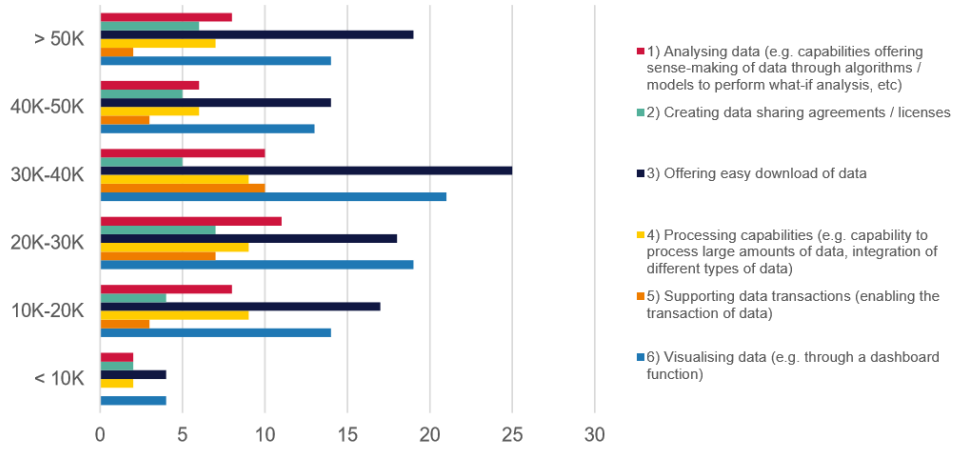
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



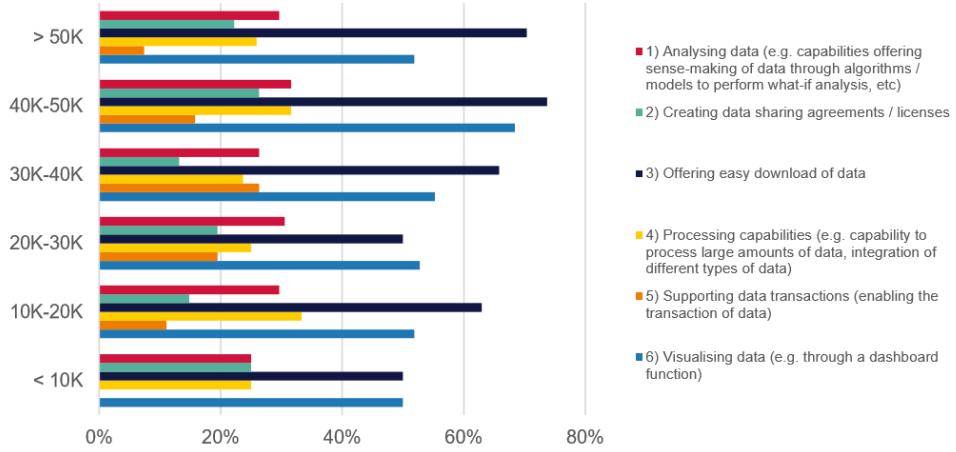
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



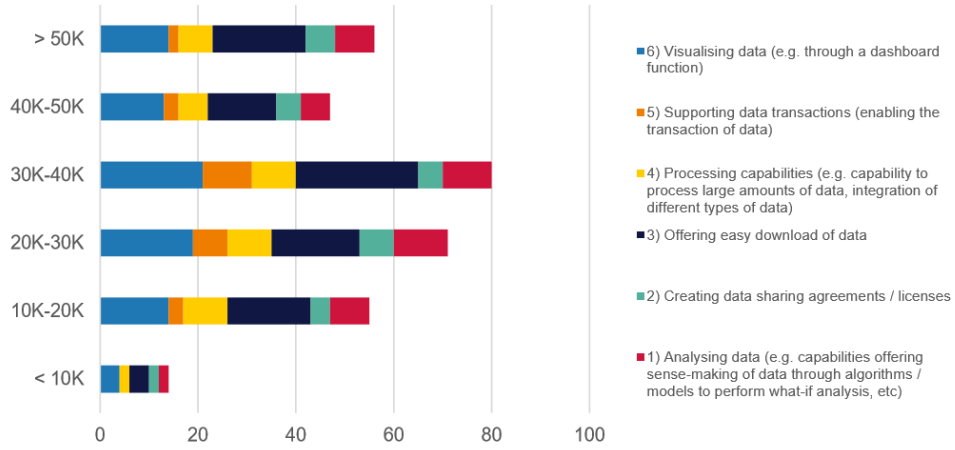
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



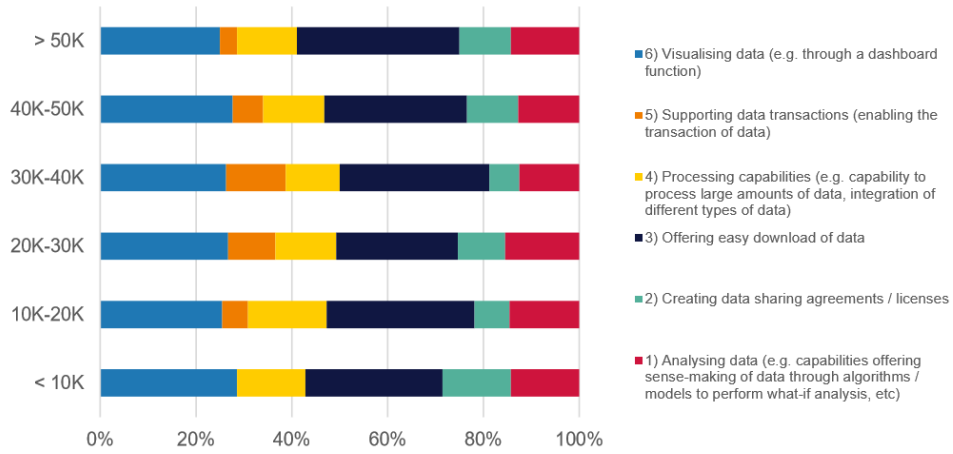
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



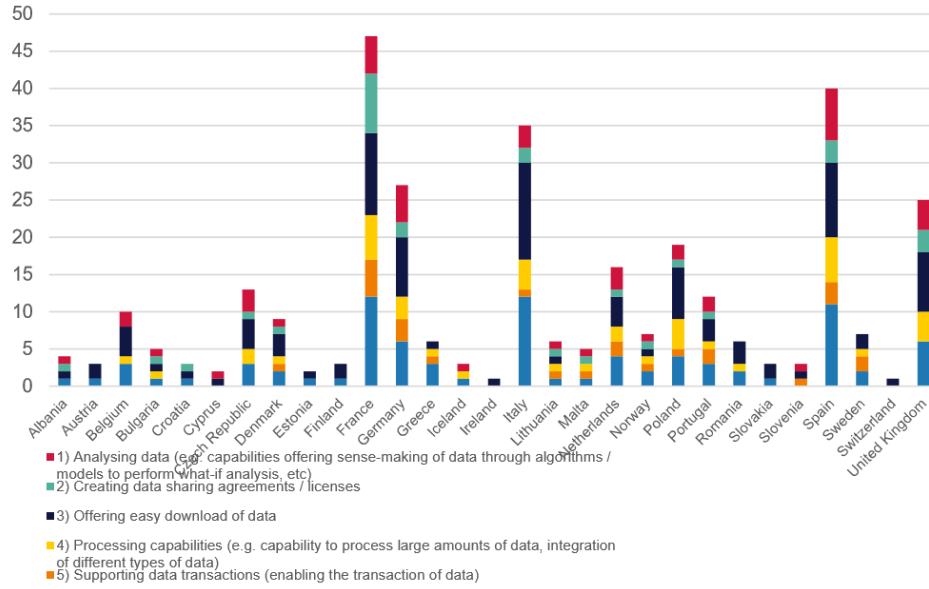
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



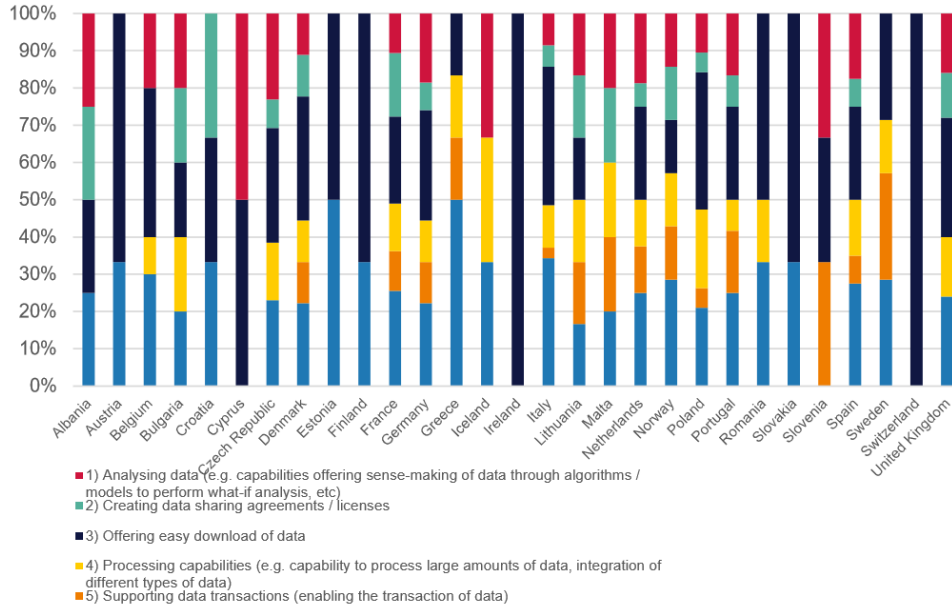
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Percentage

5.2.2 Please select any additional functions the Urban Data Platform can perform:



Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Country	Count

5.2.2 Please select any additional functions the Urban Data Platform can perform:



Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Country	Percentage

3.27 Q_5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?

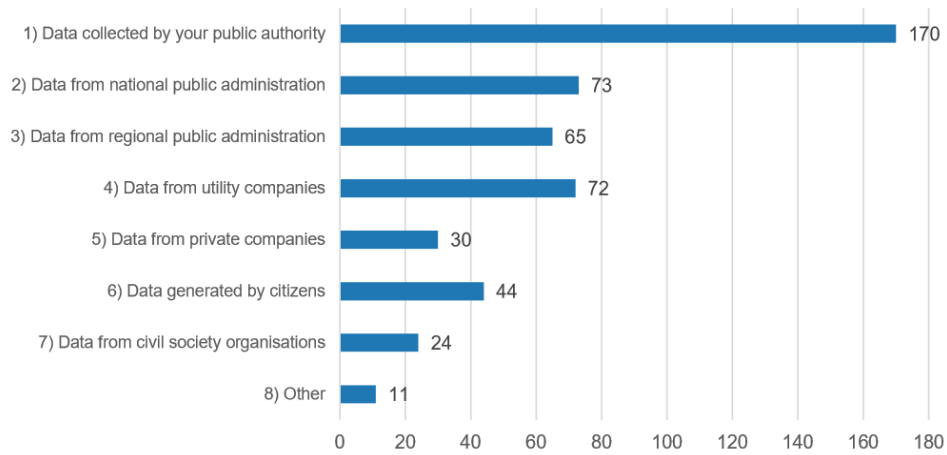
ALL RESPONDENTS

Question type: **Multiple choice**
 Number of analysed questionnaires: **246**
 Number of cities respond to this specific question: **176 (72%)**

<i>Answer</i>	<i>Count</i>	<i>Percentage*</i>
1) Data collected by your public authority	170	97%
2) Data from national public administration	73	41%
3) Data from regional public administration	65	37%
4) Data from utility companies	72	41%
5) Data from private companies	30	17%
6) Data generated by citizens	44	25%
7) Data from civil society organisations	24	14%
8) Other	11	6%

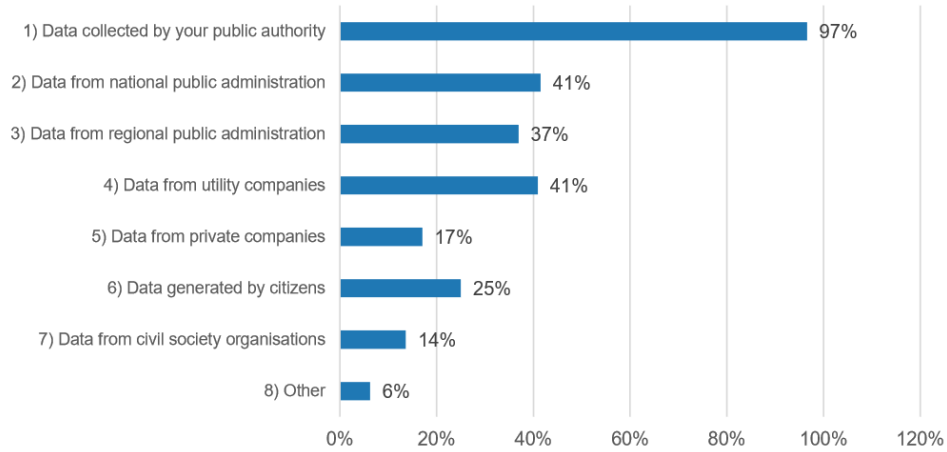
* The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



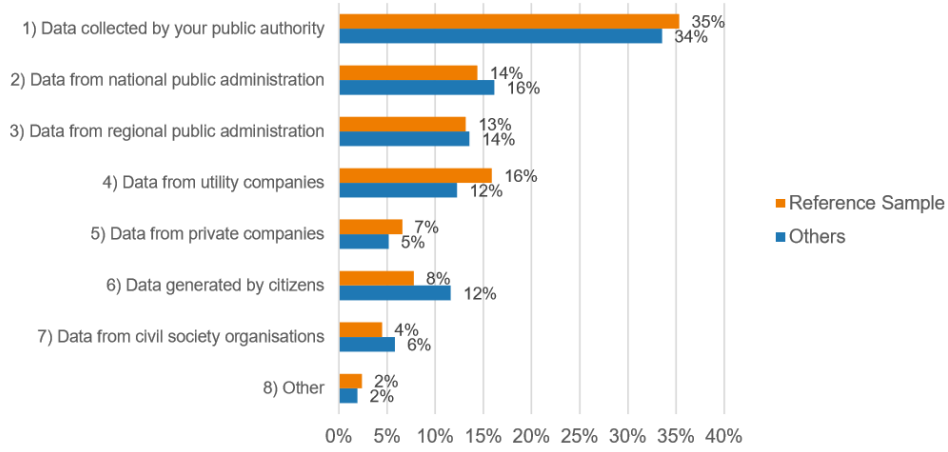
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	-	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



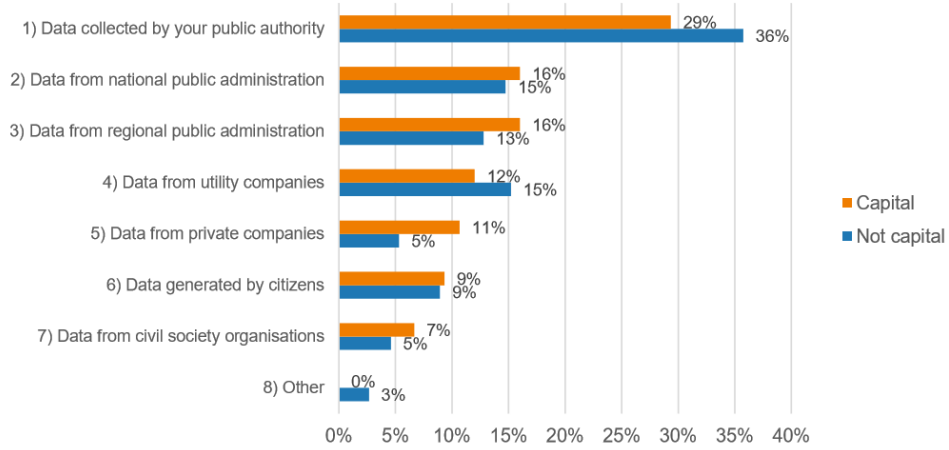
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	-	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



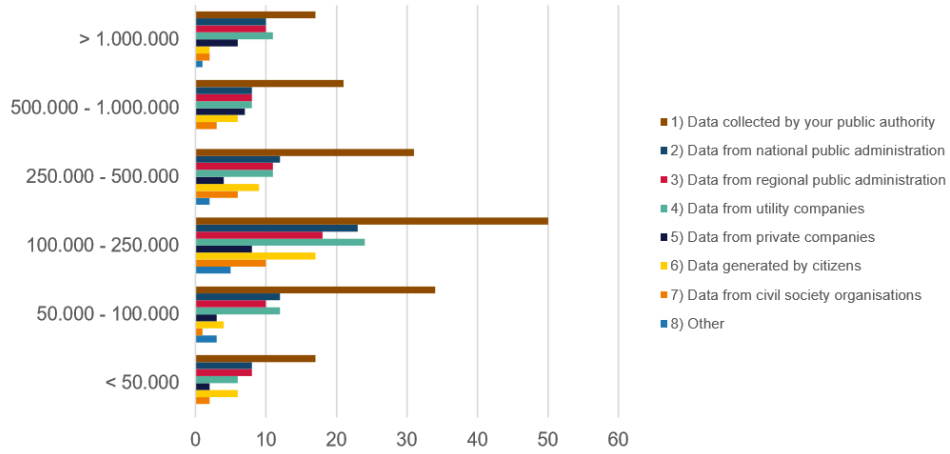
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Reference Sample	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



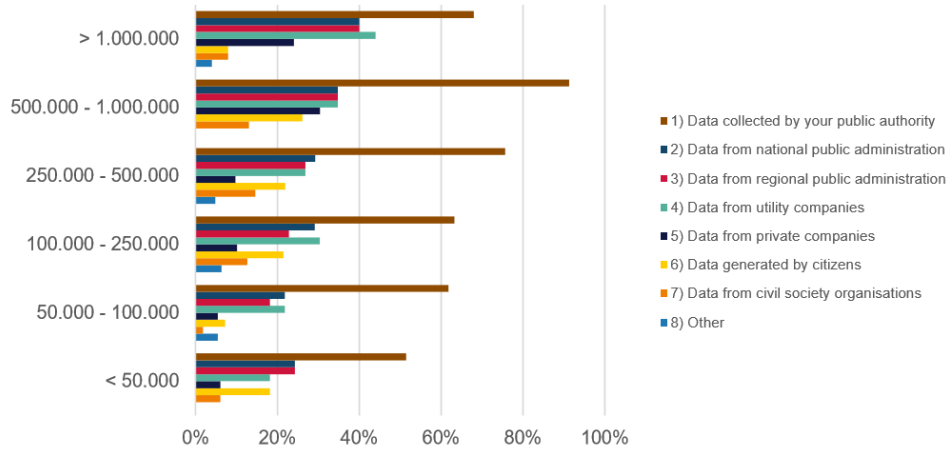
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Capital cities	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



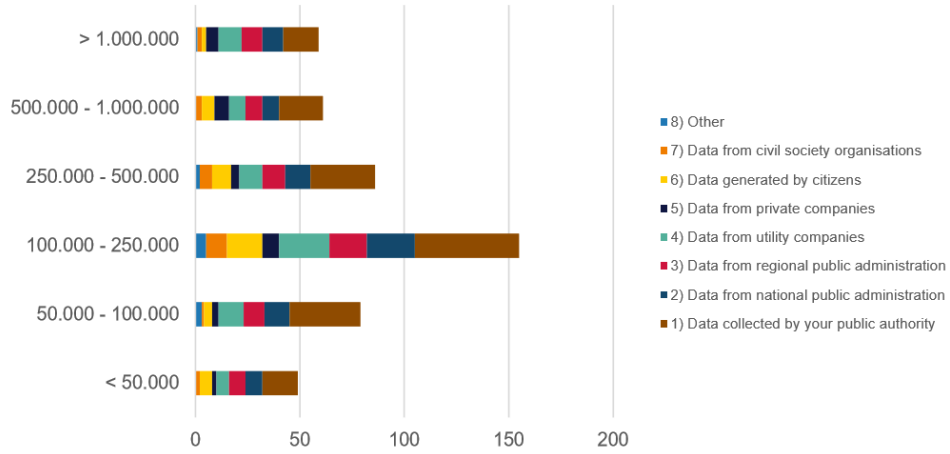
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



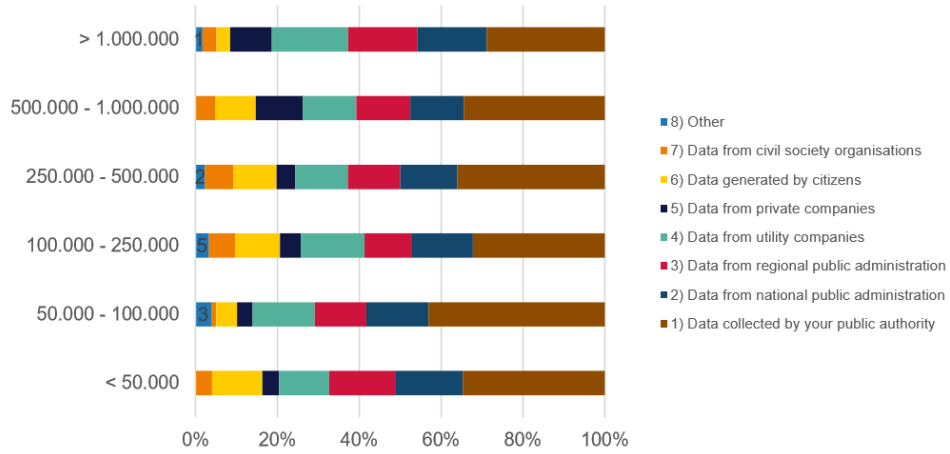
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



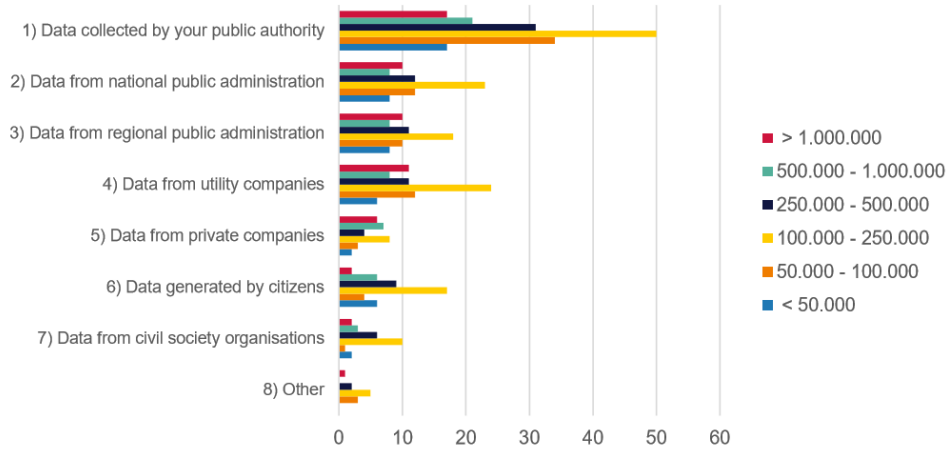
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



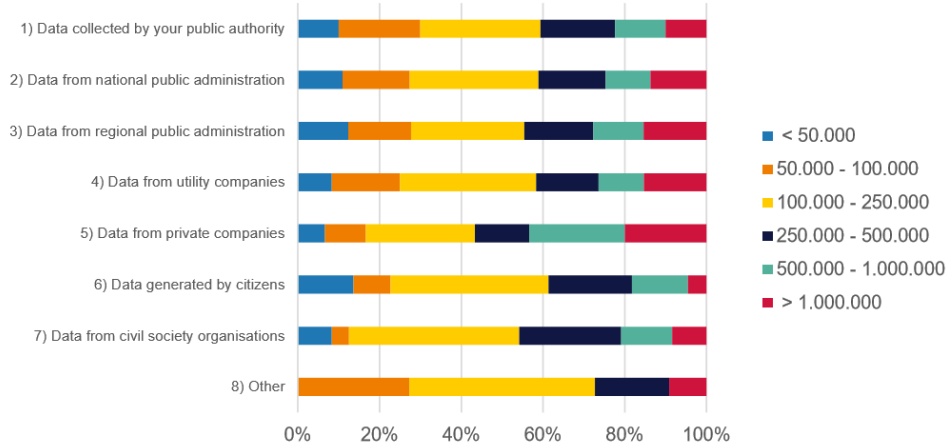
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?

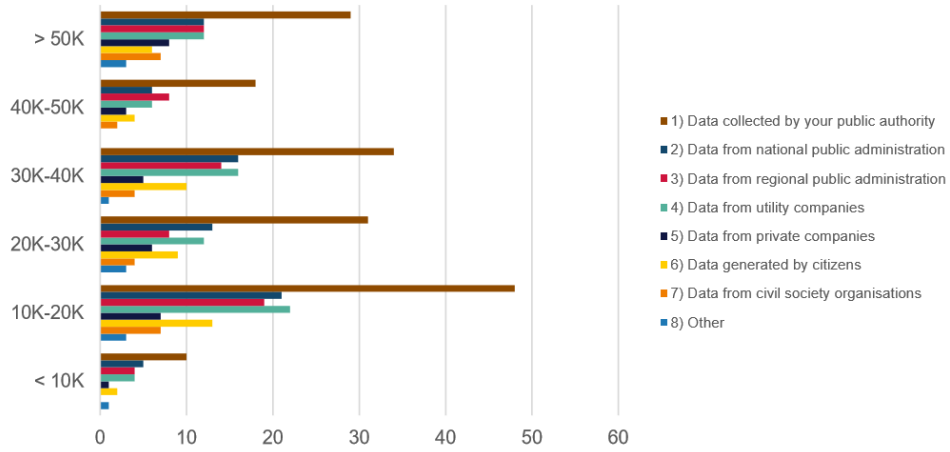


Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?

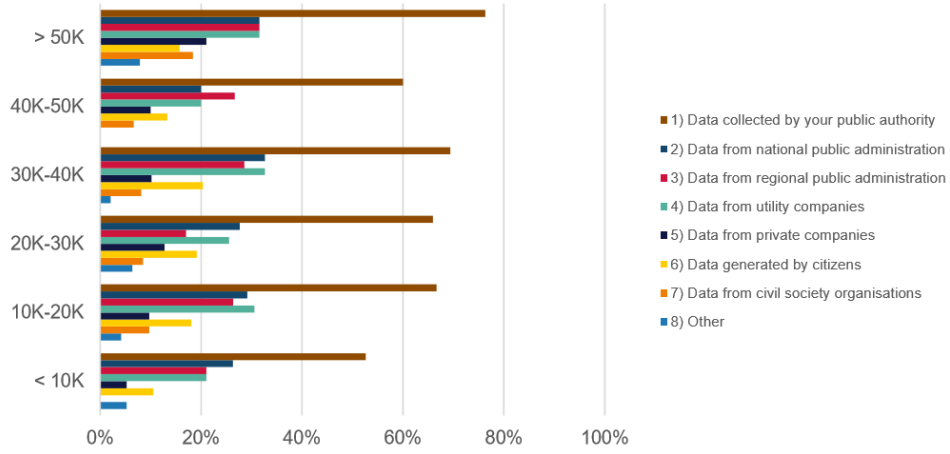


5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



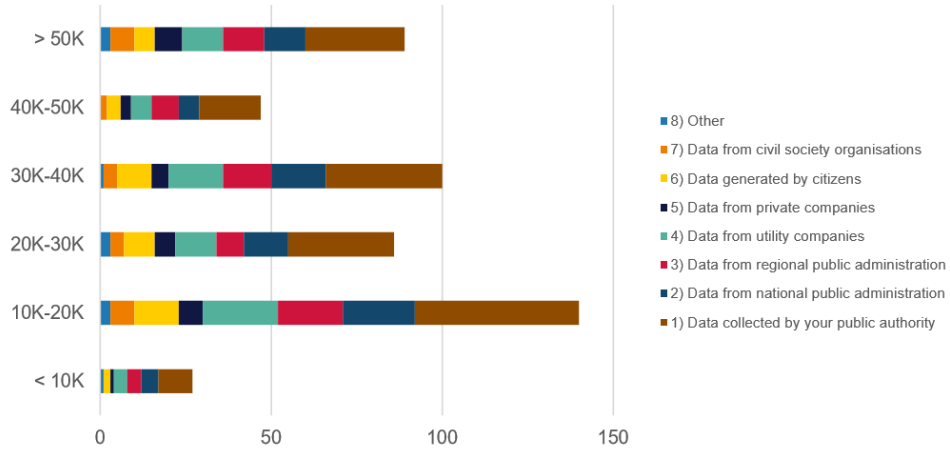
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



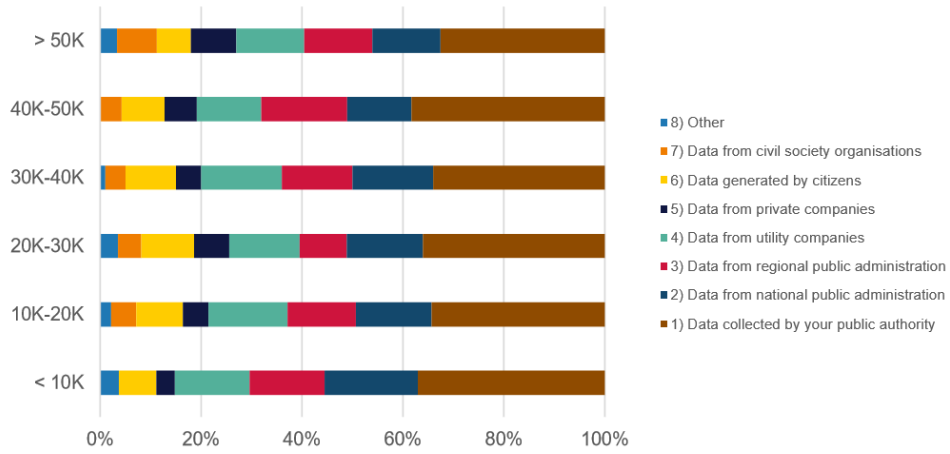
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



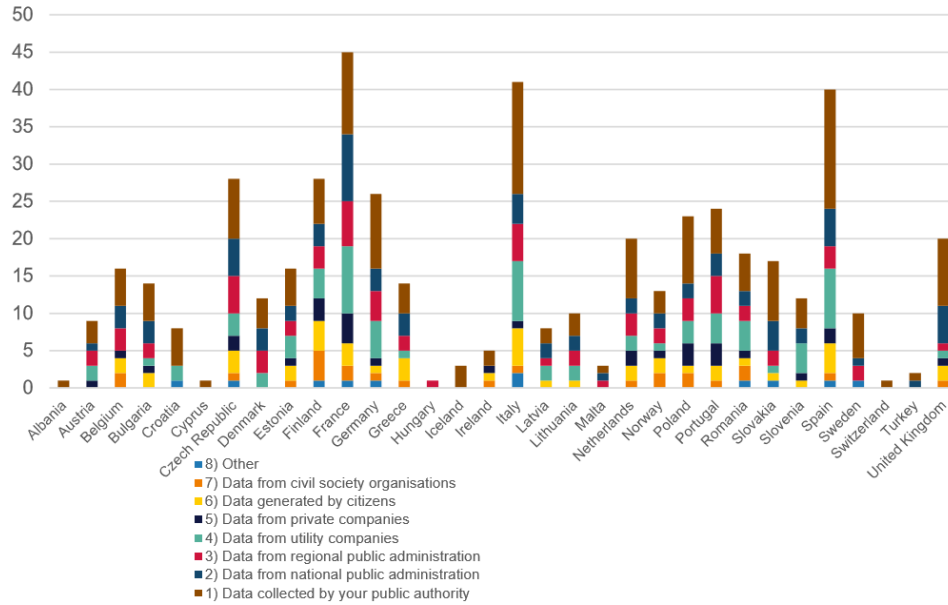
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



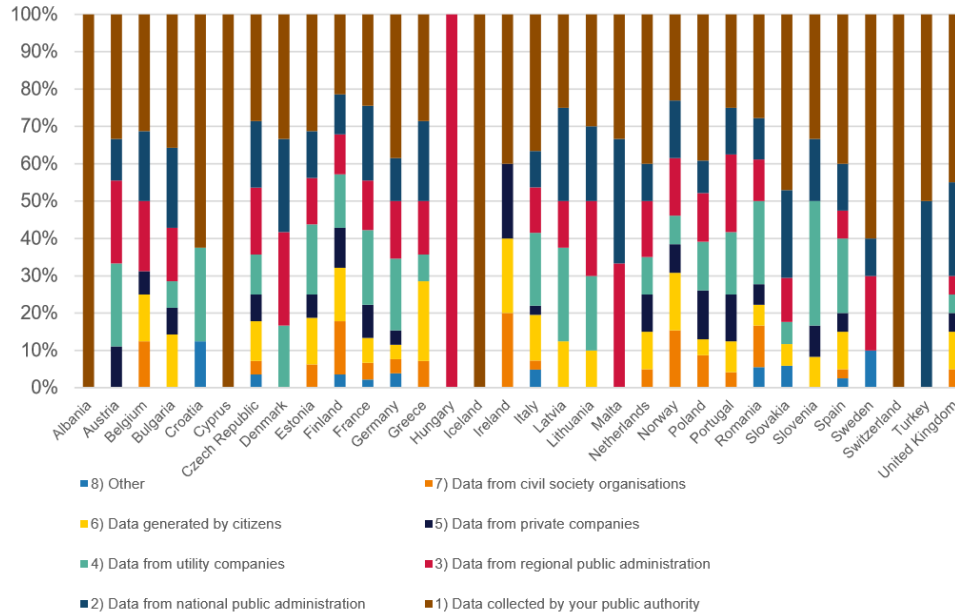
Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	GDPPC	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Country	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



Question type	Data sample	Cluster	Value
Multiple choice	All Respondents	Country	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?

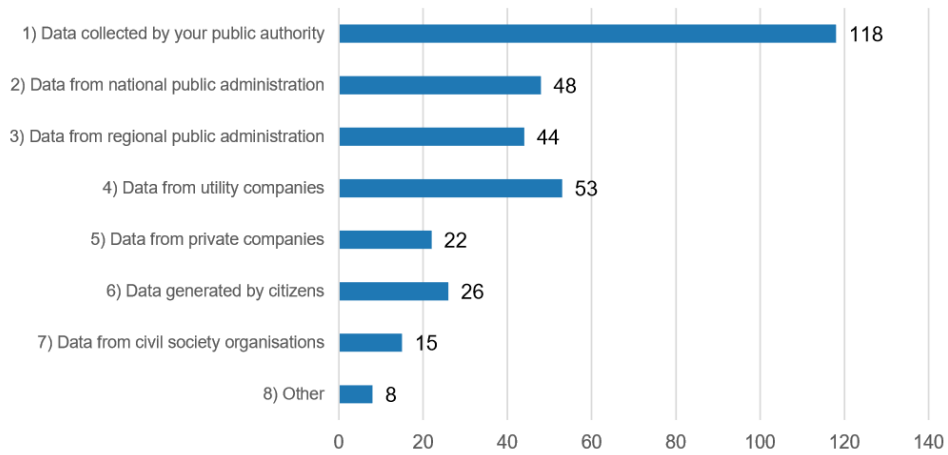
REFERENCE SAMPLE

Question type: **Multiple choice**
 Number of analysed questionnaires: **155**
 Number of cities respond to this specific question: **121 (78%)**

<i>Answer</i>	<i>Count</i>	<i>Percentage*</i>
1) Data collected by your public authority	118	98%
2) Data from national public administration	48	40%
3) Data from regional public administration	44	36%
4) Data from utility companies	53	44%
5) Data from private companies	22	18%
6) Data generated by citizens	26	21%
7) Data from civil society organisations	15	12%
8) Other	8	7%

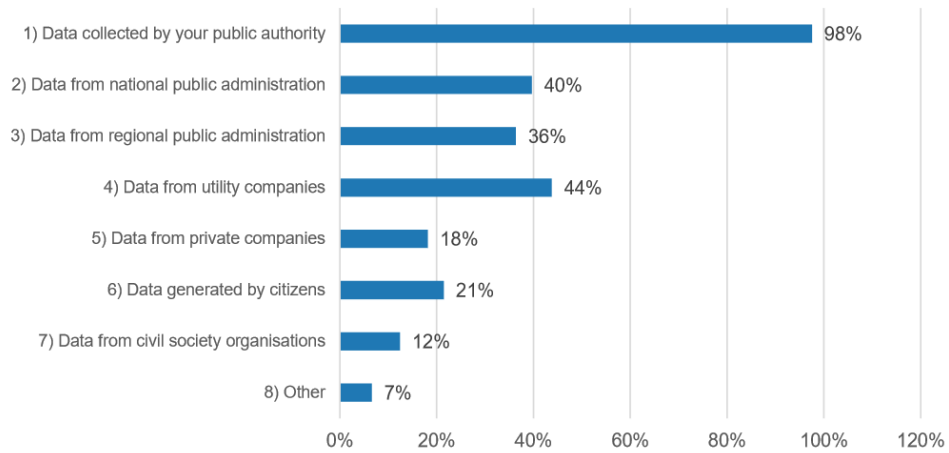
* The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



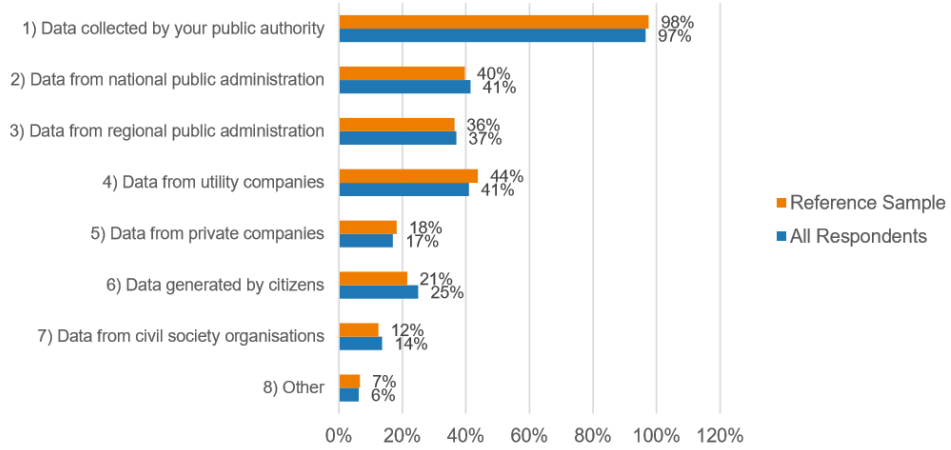
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	-	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



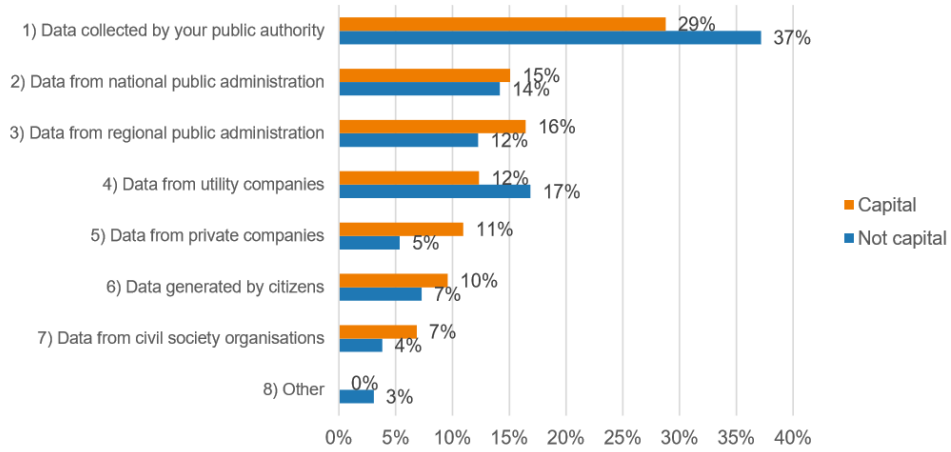
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	-	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



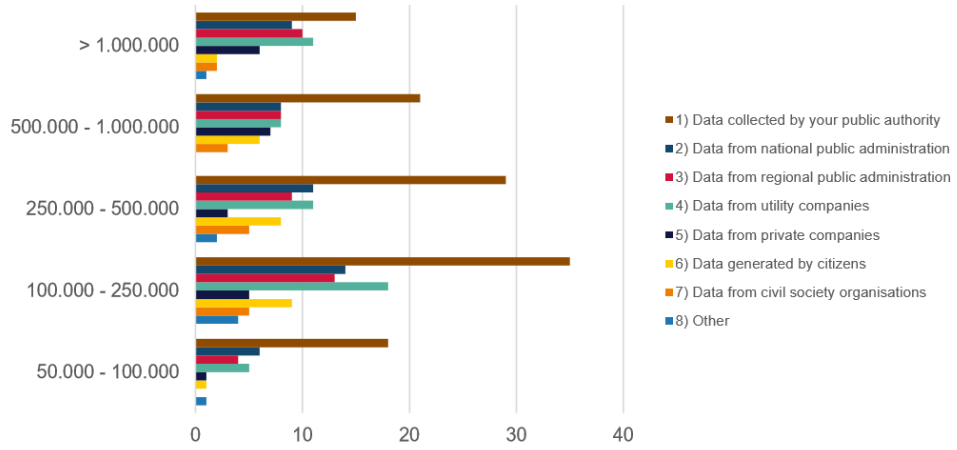
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Reference Sample	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



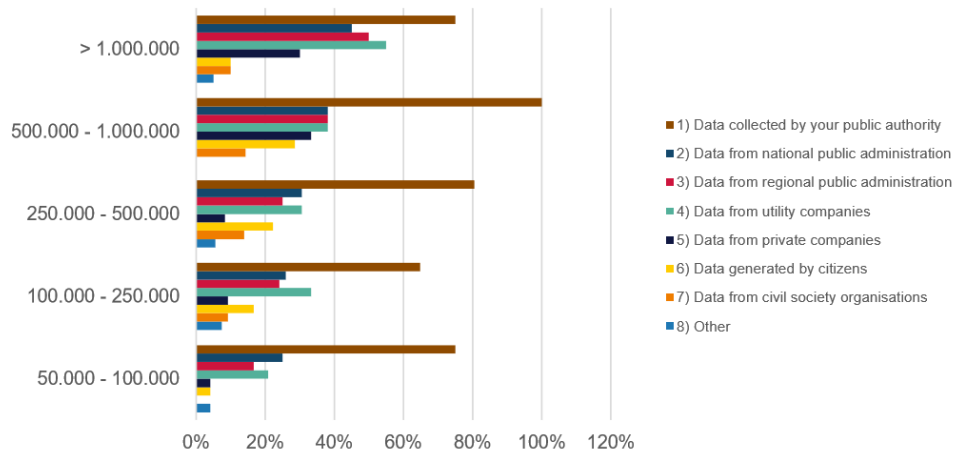
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Capital cities	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



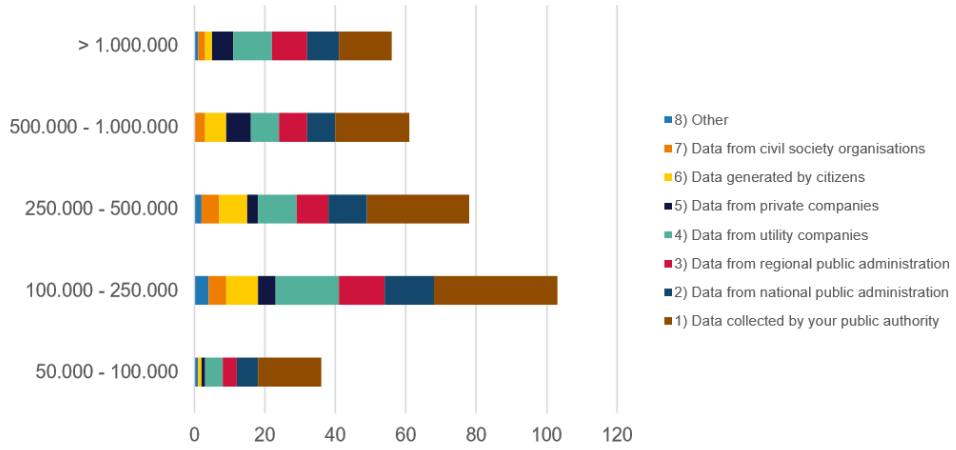
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



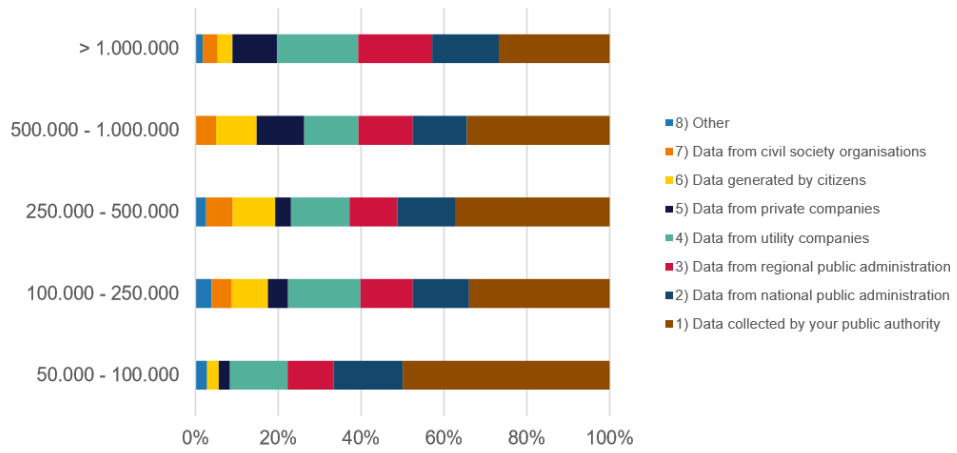
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



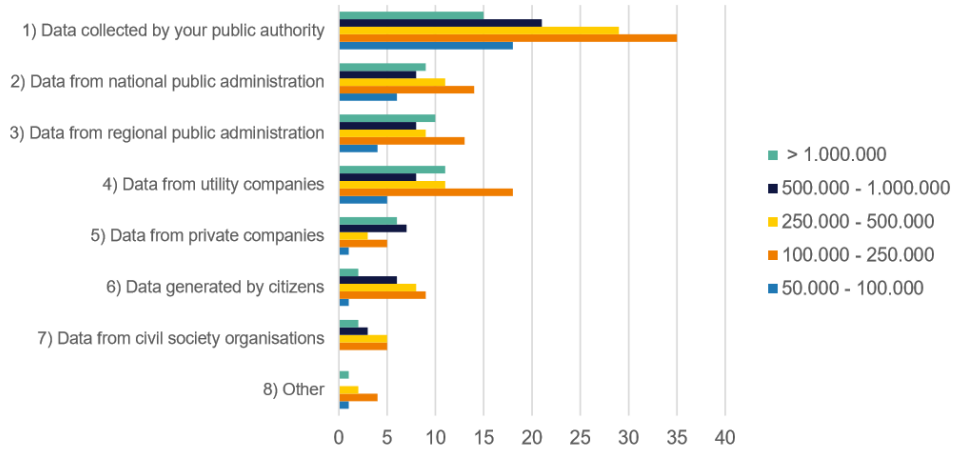
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



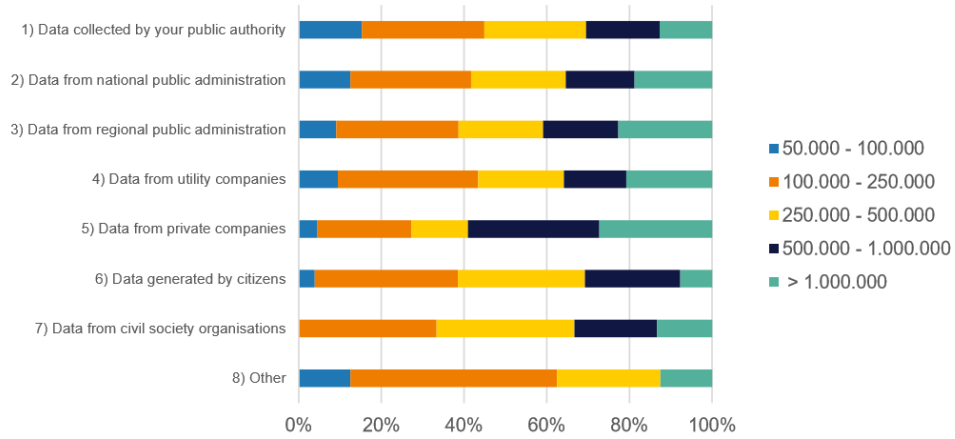
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



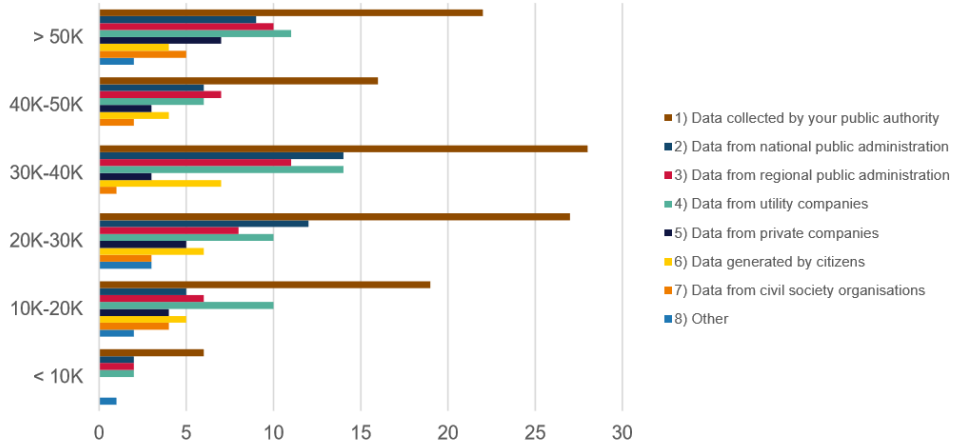
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



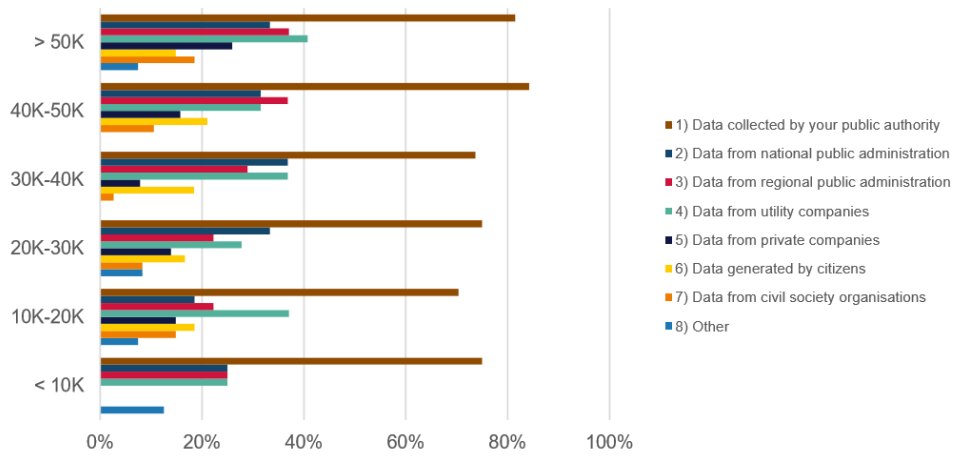
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Population	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



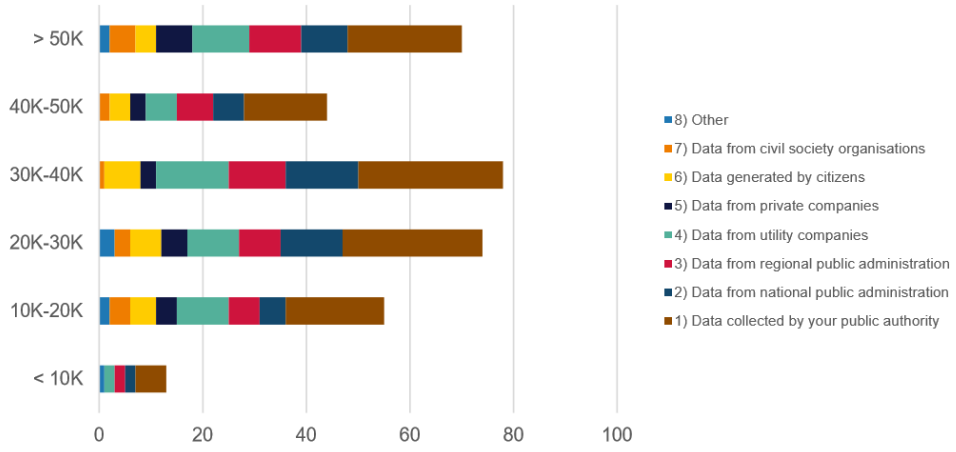
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



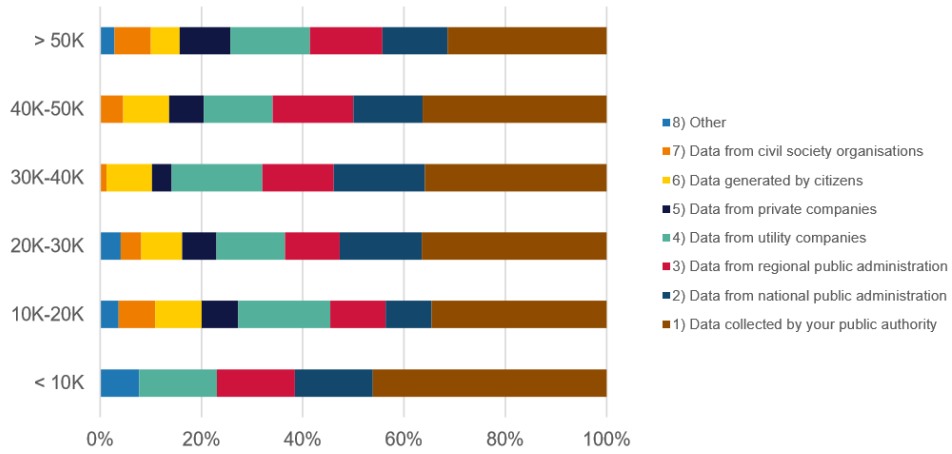
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



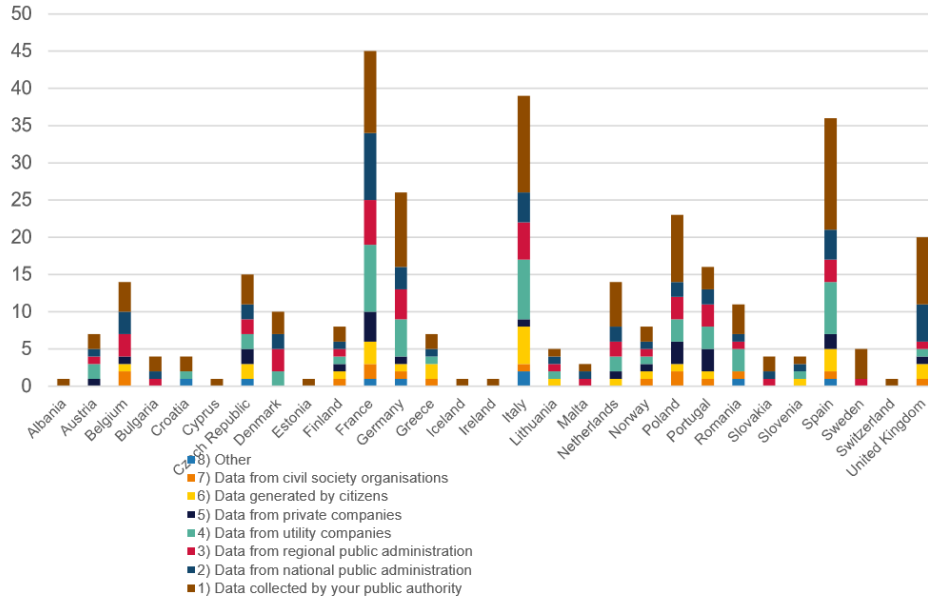
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



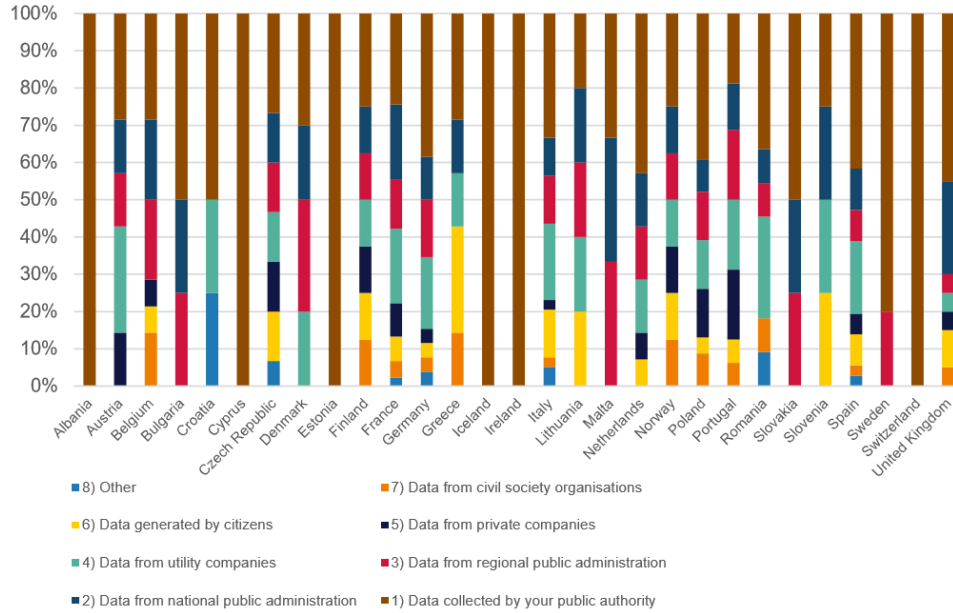
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	GDPPC	Percentage

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Country	Count

5.2.3 What types of data are integrated and managed in your Urban Data Platform(s)?



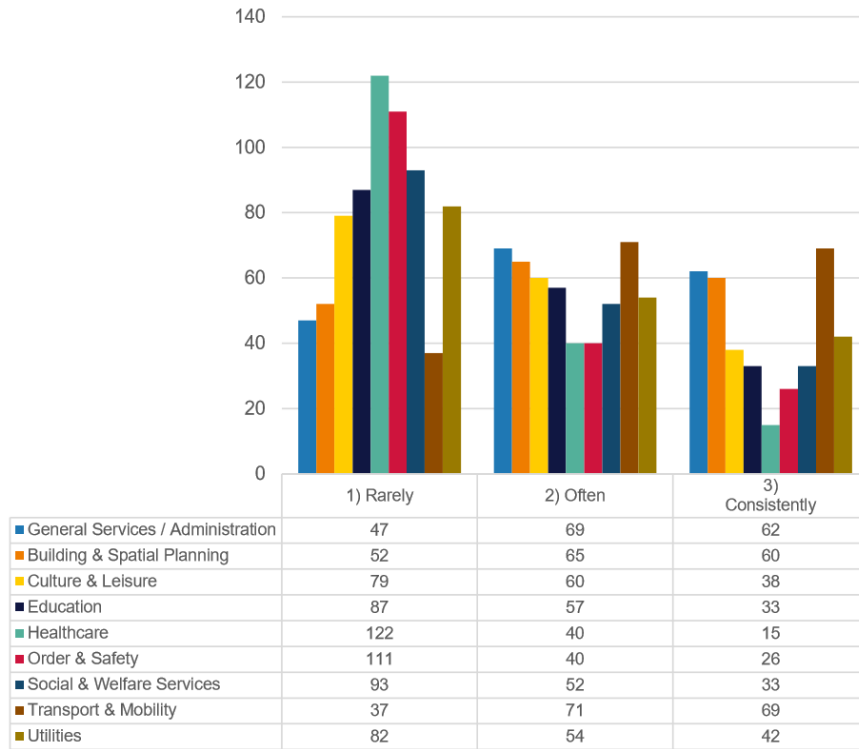
Question type	Data sample	Cluster	Value
Multiple choice	Reference Sample	Country	Percentage

3.28 Q_5.2.4 To what extent do different service areas collect and share data?

5.2.4 To what extent do different service areas collect and share data?:

ALL RESPONDENTS

Question typology: **Matrix - Likert**
 Number of analysed questionnaires: **246**
 Number of cities respond to this specific question: **178 (72%)**



5.2.4 To what extent do different service areas collect and share data?:

ALL RESPONDENTS

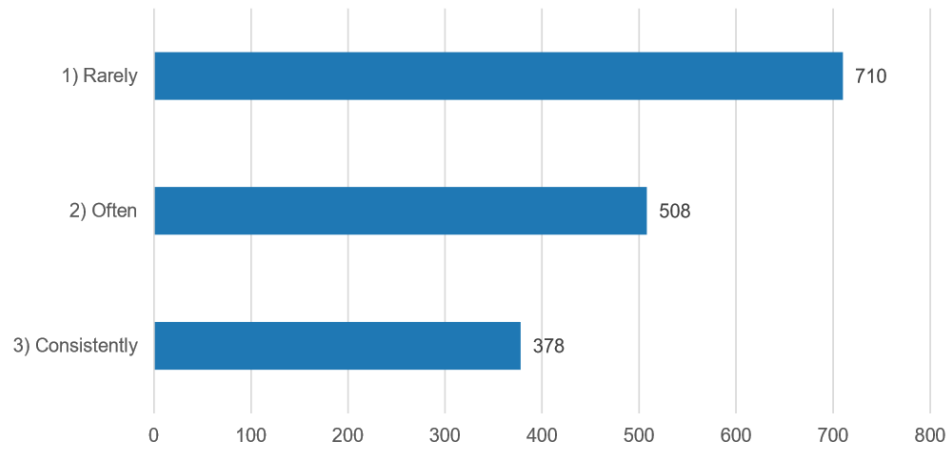
Question typology: **Matrix - Likert**
 Number of analysed questionnaires: **246**
 Number of cities respond to this specific question: **178 (72%)**

<i>Answer (matrix columns)</i>	<i>Count *</i>	<i>Percentage **</i>
1) Rarely	710	44%
2) Often	508	32%
3) Consistently	378	24%

* The Count is given by the sum of all the selected rows within the same matrix column

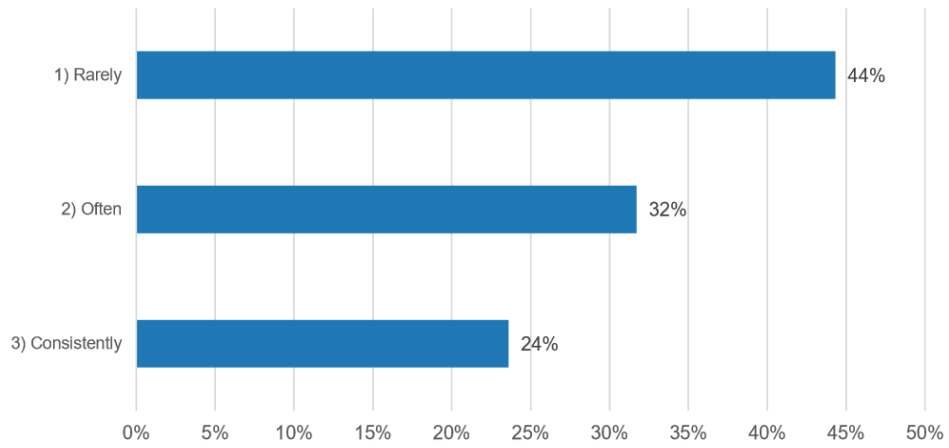
** The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.4 To what extent do different service areas collect and share data?:



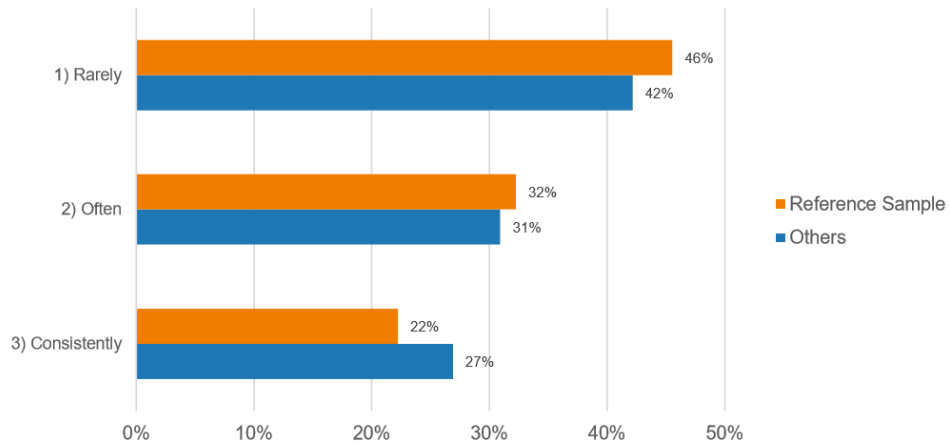
Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	-	Count

5.2.4 To what extent do different service areas collect and share data?:



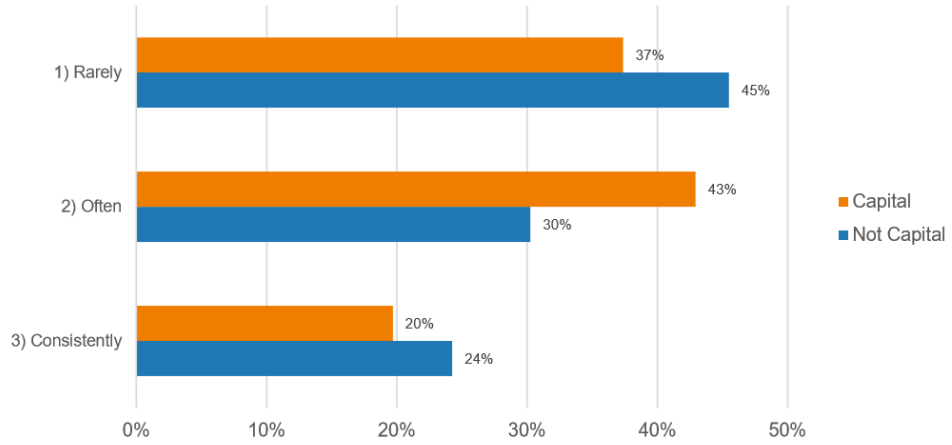
Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	-	Percentage

5.2.4 To what extent do different service areas collect and share data?:



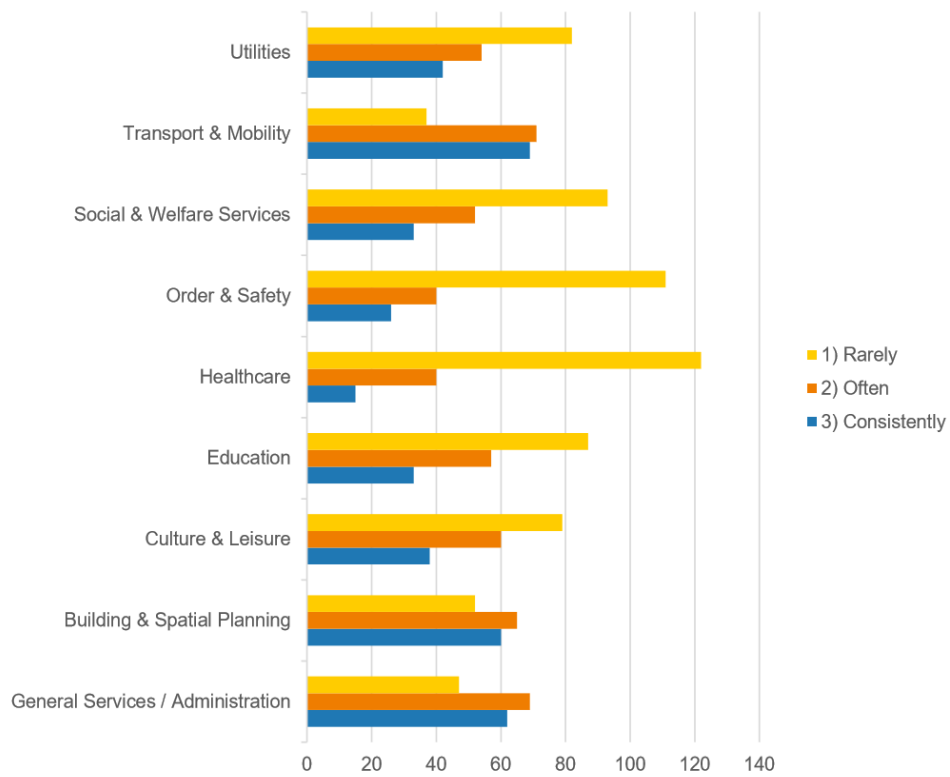
Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	Reference Sample	Percentage

5.2.4 To what extent do different service areas collect and share data?:



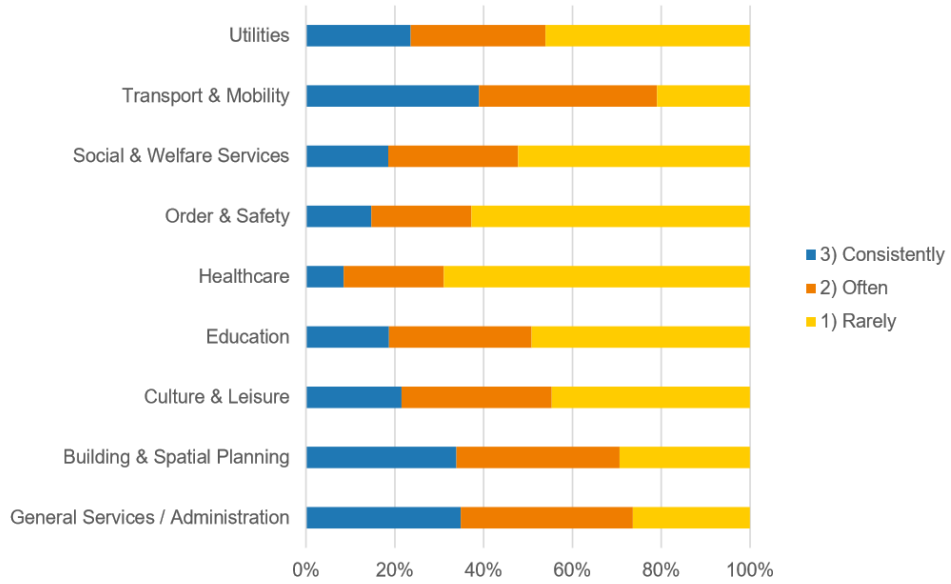
Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	Capital cities	Percentage

5.2.4 To what extent do different service areas collect and share data?:



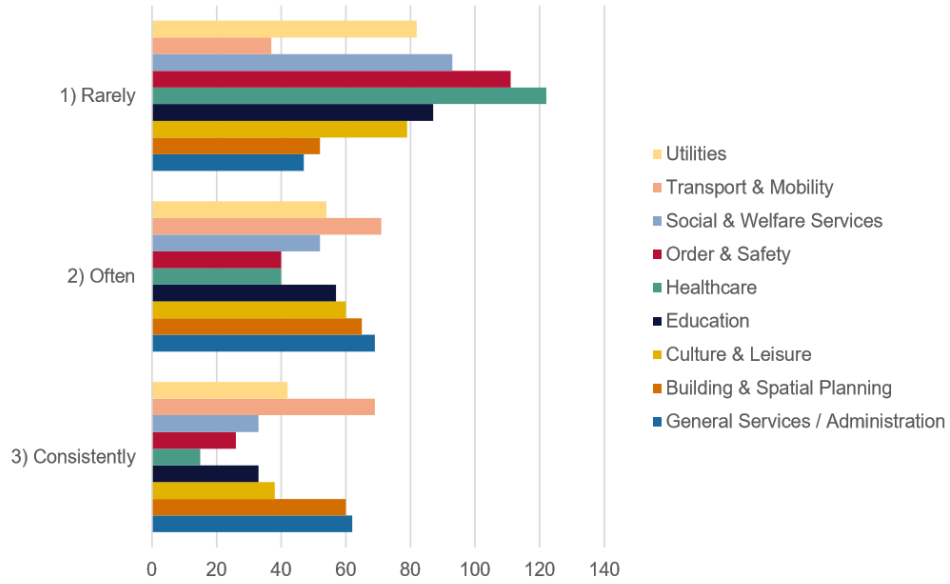
Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	Matrix	Count

5.2.4 To what extent do different service areas collect and share data?:



Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	Matrix	Percentage

5.2.4 To what extent do different service areas collect and share data?:

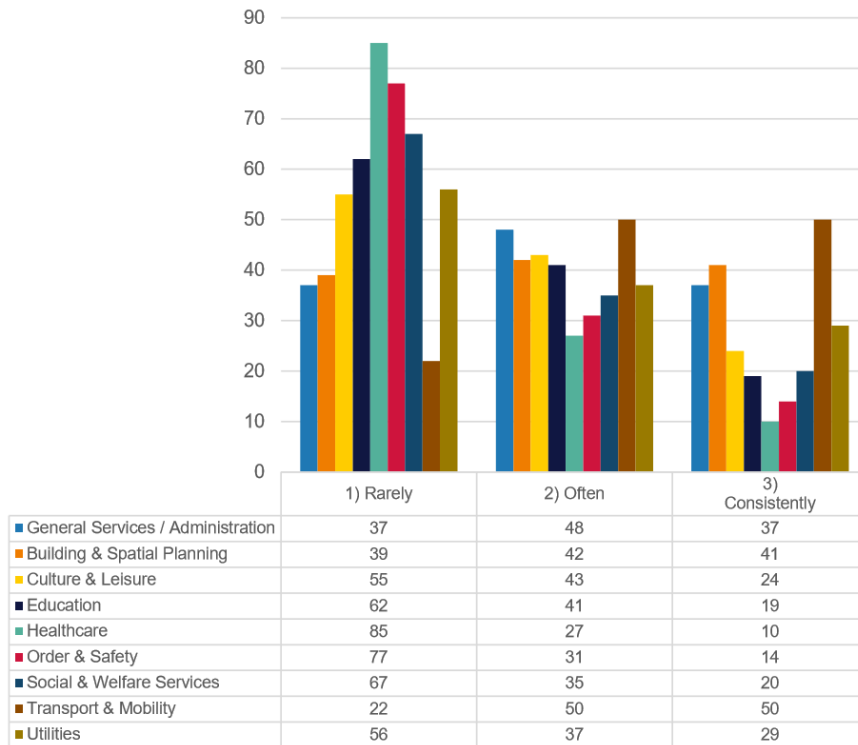


Question typology	Data	Cluster	Value
Matrix - Likert	All Respondents	Matrix	Count

5.2.4 To what extent do different service areas collect and share data?:

REFERENCE SAMPLE

Question typology: **Matrix - Likert**
 Number of analysed questionnaires: **155**
 Number of cities respond to this specific question: **122 (79%)**



5.2.4 To what extent do different service areas collect and share data?:

REFERENCE SAMPLE

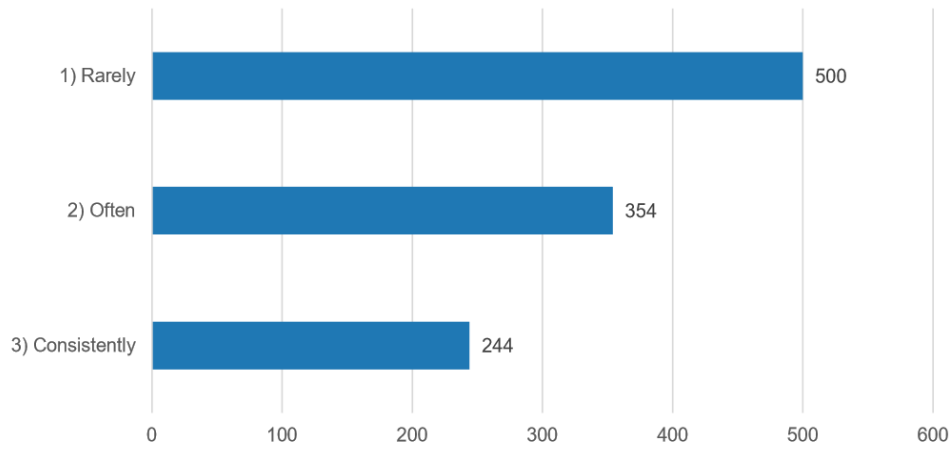
Question typology: **Matrix - Likert**
 Number of analysed questionnaires: **155**
 Number of cities respond to this specific question: **122 (79%)**

<i>Answer (matrix columns)</i>	<i>Count *</i>	<i>Percentage **</i>
1) Rarely	500	46%
2) Often	354	32%
3) Consistently	244	22%

* The Count is given by the sum of all the selected rows within the same matrix column

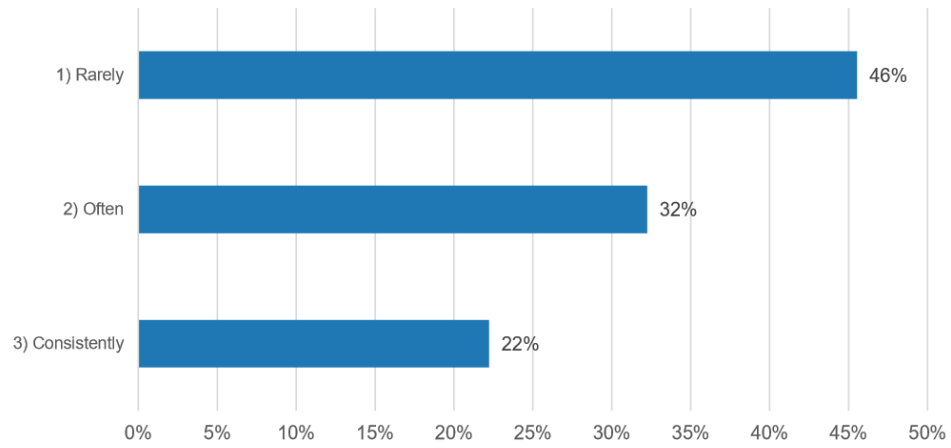
** The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.4 To what extent do different service areas collect and share data?:



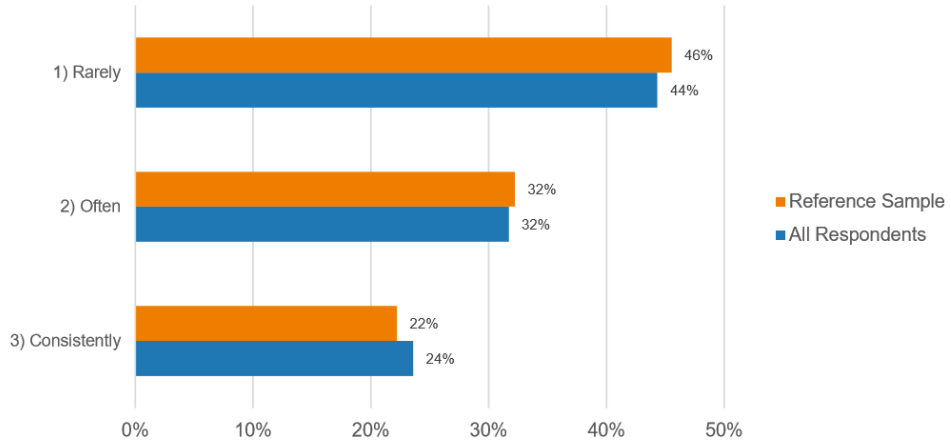
Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	-	Count

5.2.4 To what extent do different service areas collect and share data?:



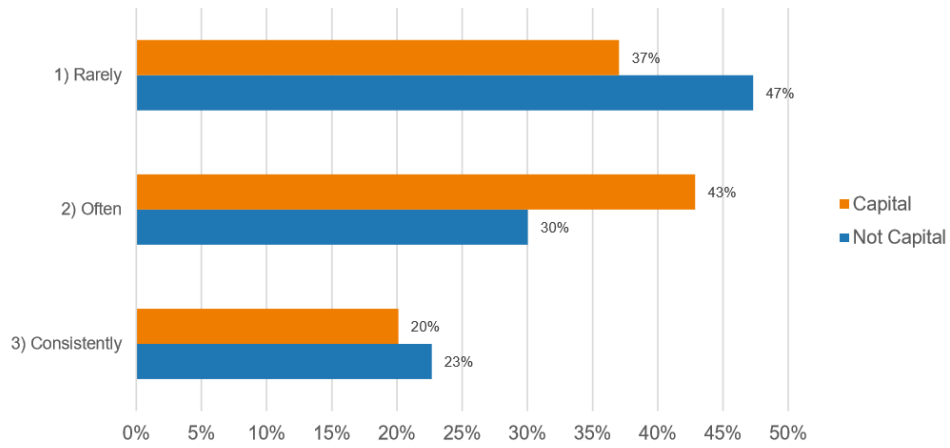
Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	-	Percentage

5.2.4 To what extent do different service areas collect and share data?:



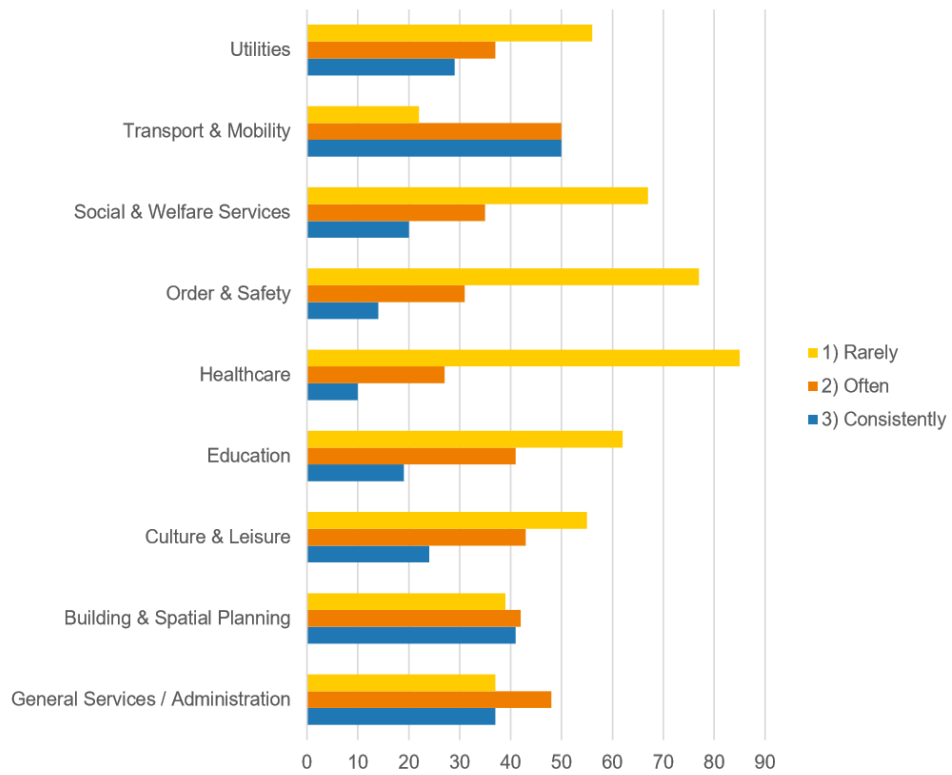
Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	Reference Sample	Percentage

5.2.4 To what extent do different service areas collect and share data?:



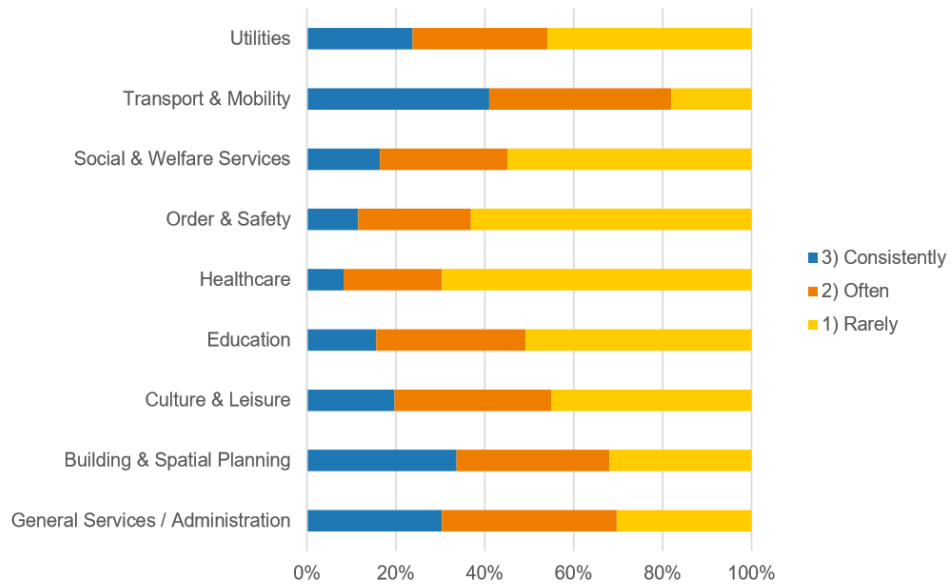
Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	Capital cities	Percentage

5.2.4 To what extent do different service areas collect and share data?:



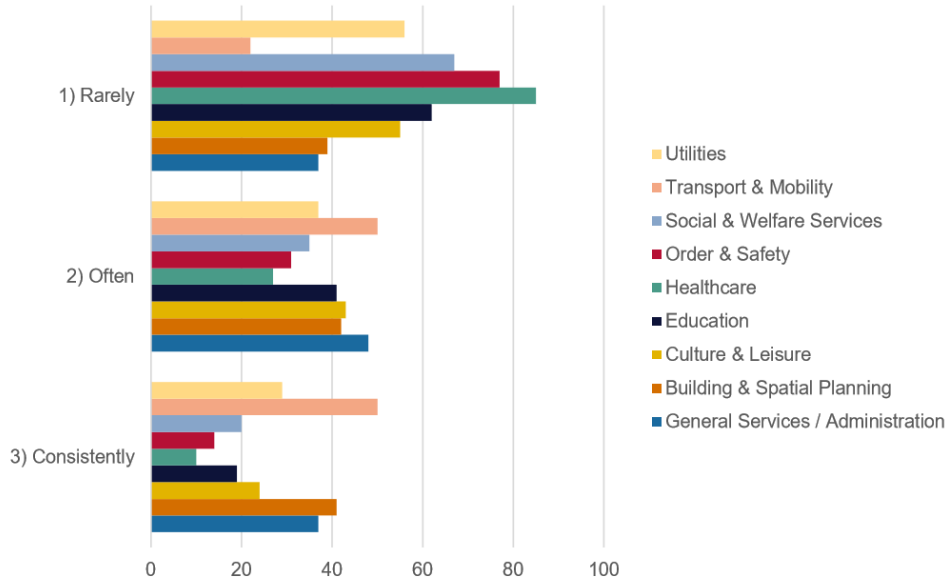
Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	Matrix	Count

5.2.4 To what extent do different service areas collect and share data?:



Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	Matrix	Percentage

5.2.4 To what extent do different service areas collect and share data?:



Question typology	Data	Cluster	Value
Matrix - Likert	Reference Sample	Matrix	Count

3.29 Q_5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?

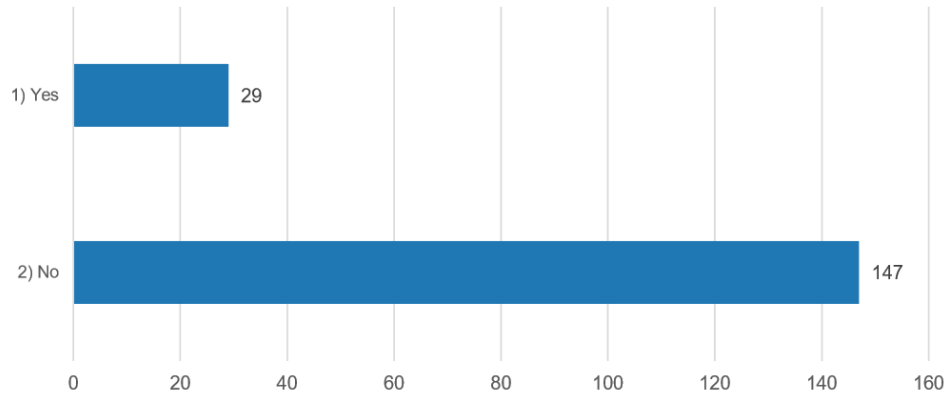
ALL RESPONDENTS

Question type: **Single choice - Binary**
 Number of analysed questionnaires: **246**
 Number of cities respond to this specific question: **176 (72%)**

<i>Answer</i>	<i>Count</i>	<i>Percentage*</i>
1) Yes	29	16%
2) No	147	84%

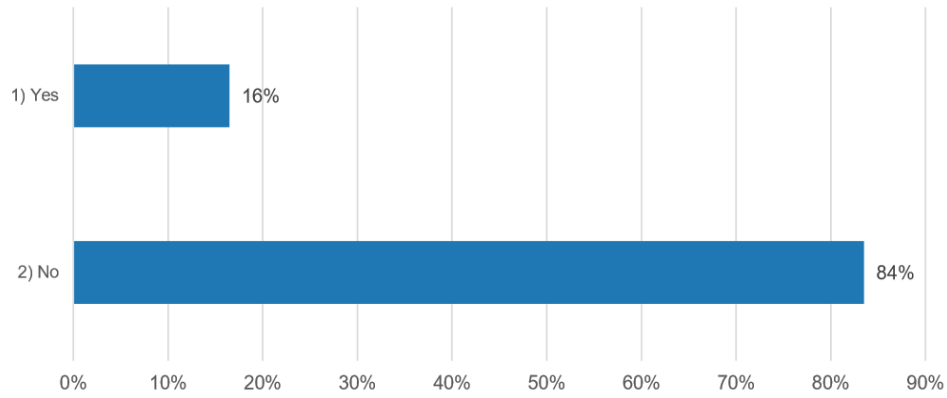
* The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



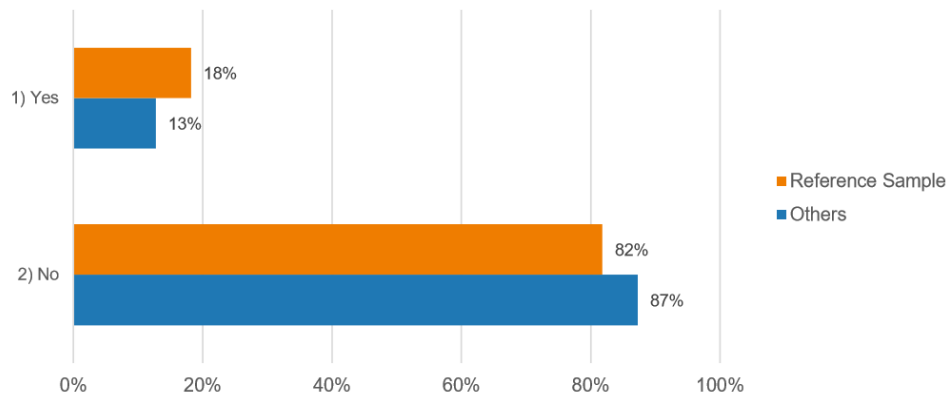
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	-	Count

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



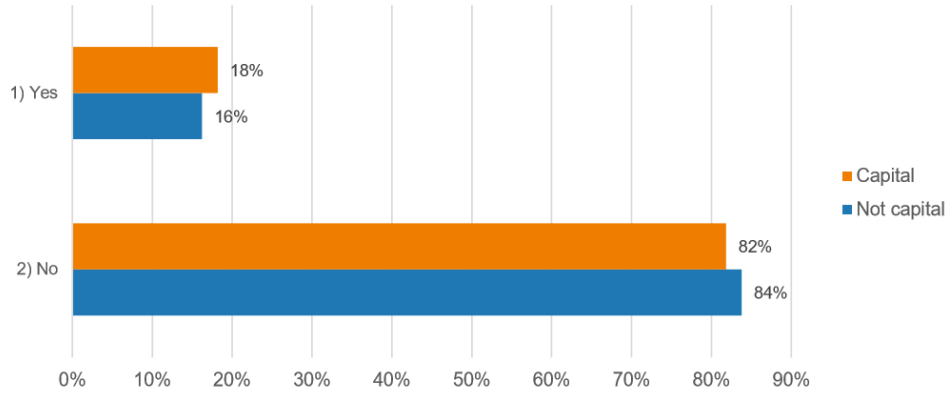
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	-	Percentage

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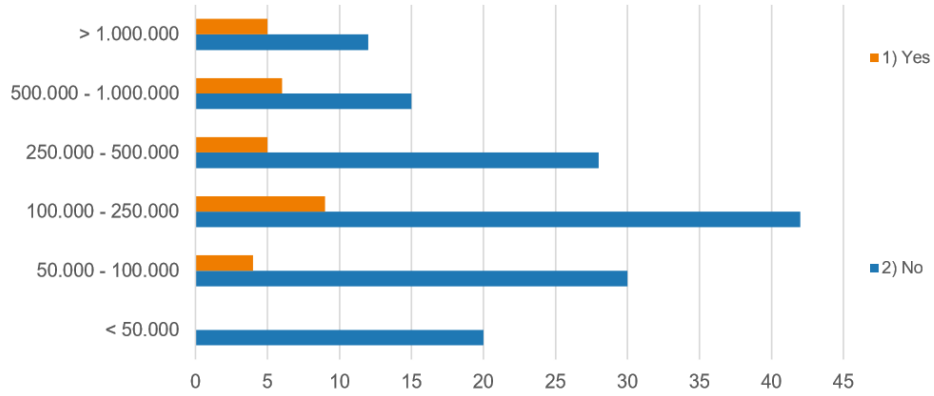
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Reference Sample	Percentage

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



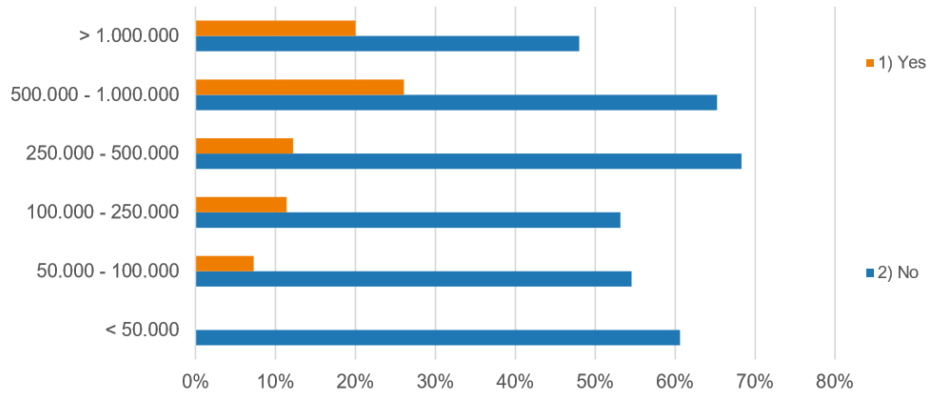
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Capital cities	Percentage

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



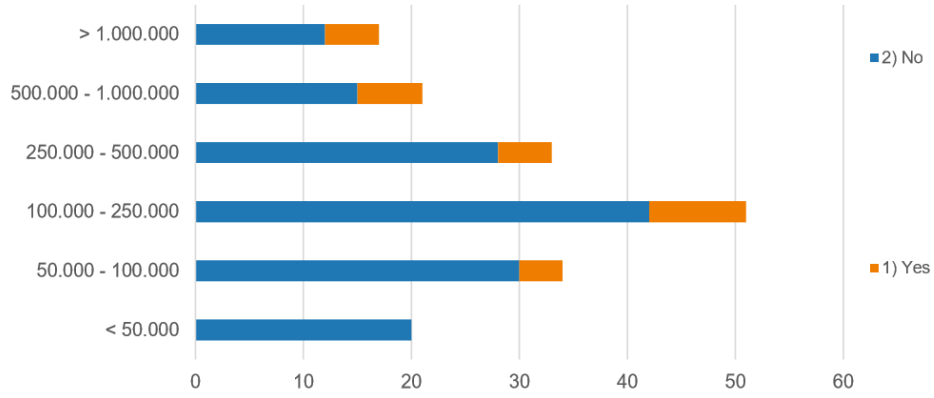
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Count

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



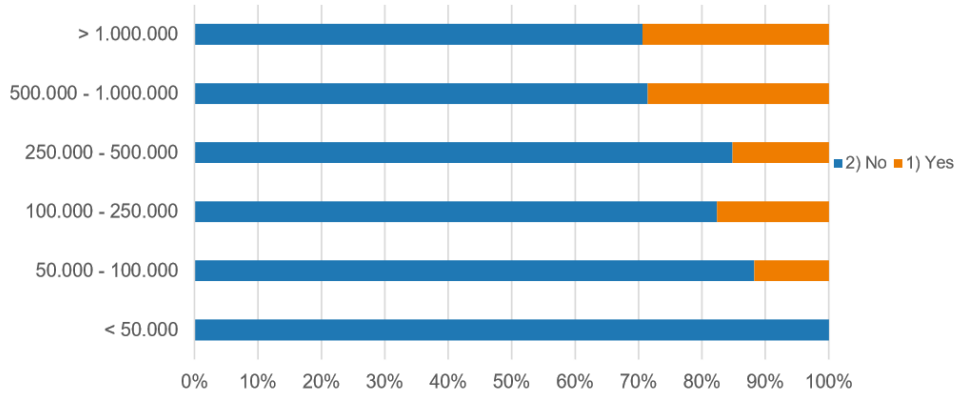
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Percentage

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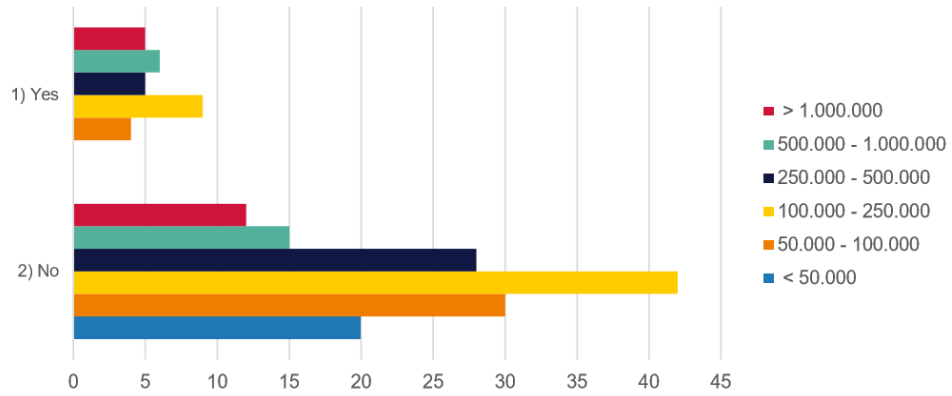
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Count

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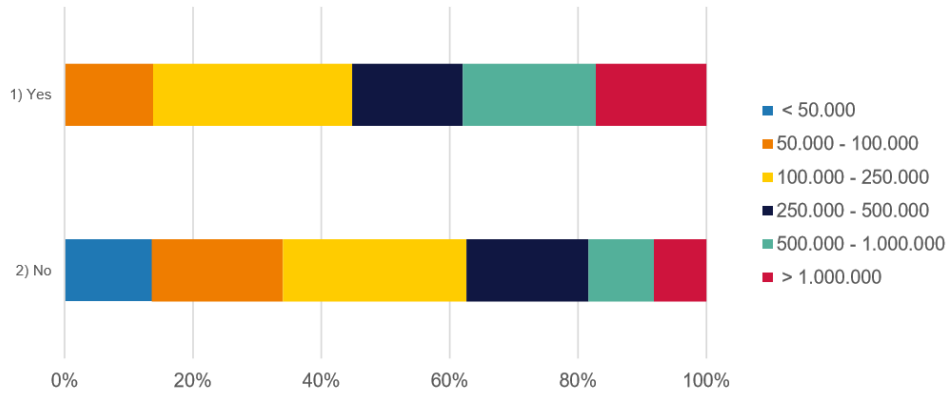
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Percentage

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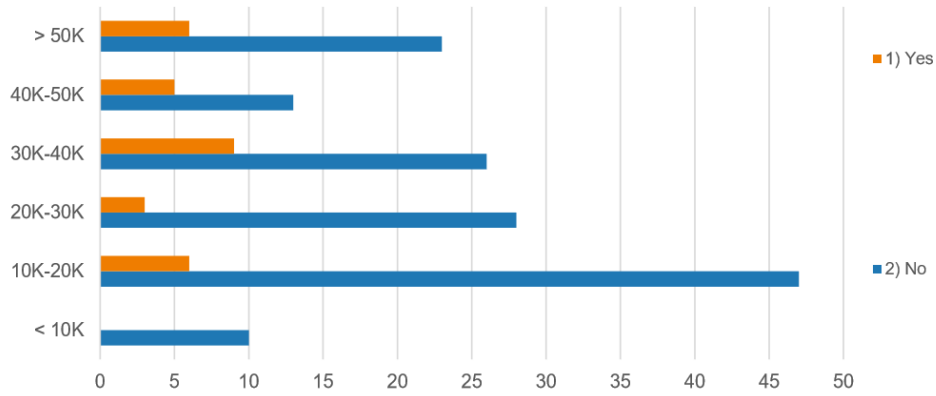
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Count

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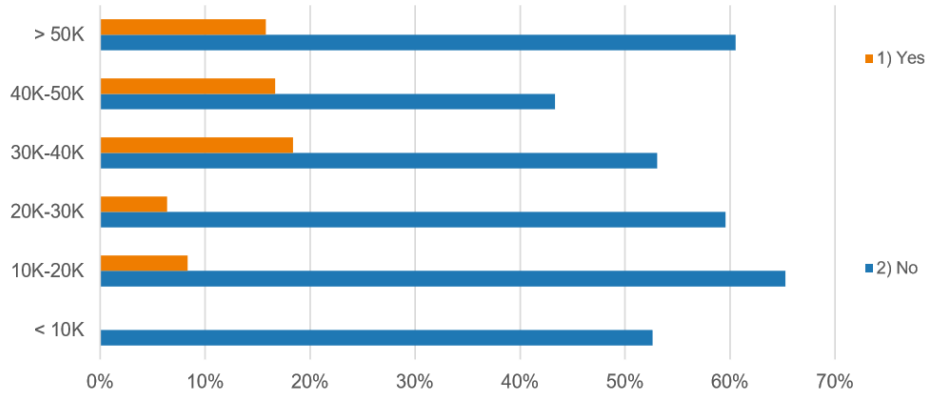
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Population	Percentage

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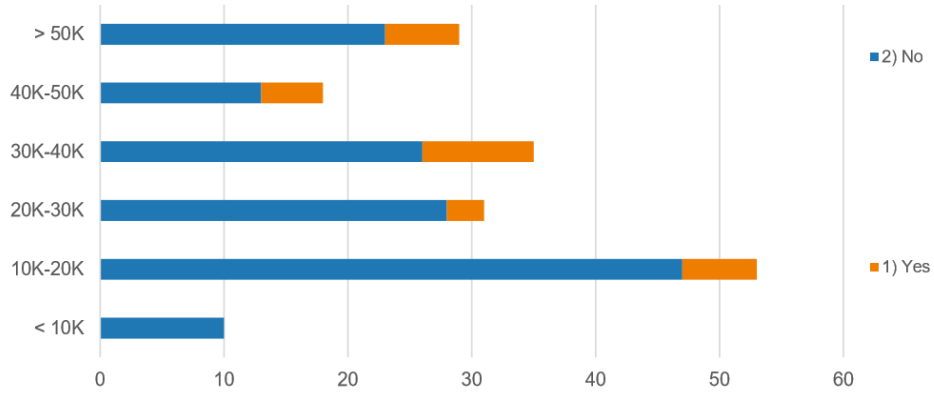
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	GDPPC	Count

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



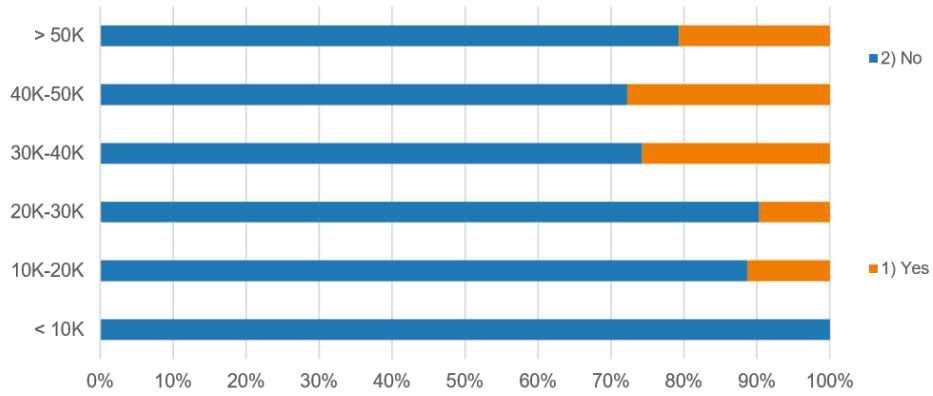
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	GDPPC	Percentage

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



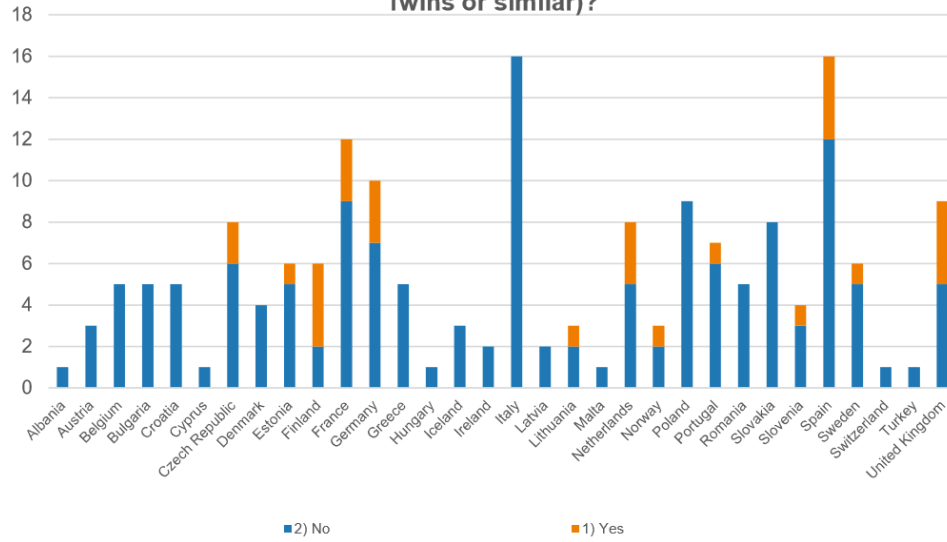
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	GDPPC	Count

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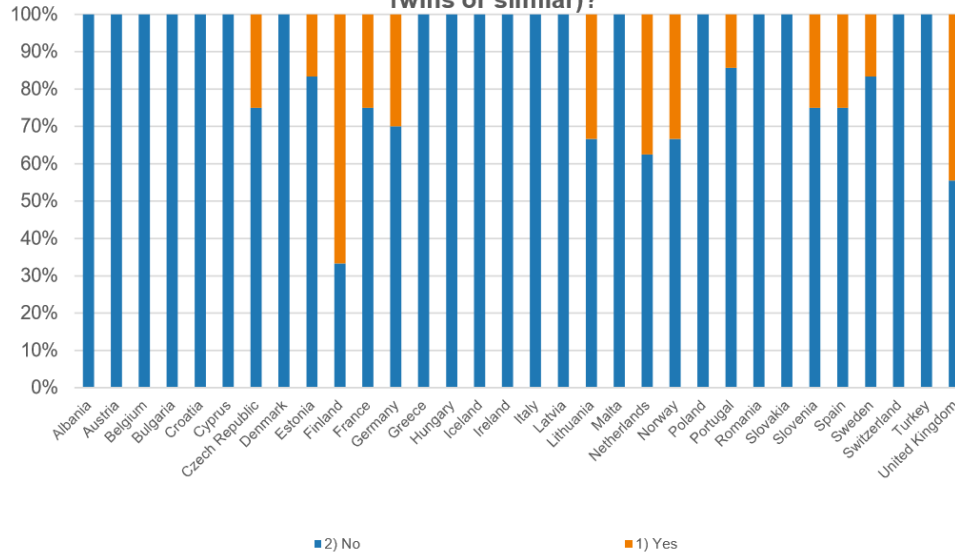
Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	GDPPC	Percentage

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Country	Count

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Question type	Data sample	Cluster	Value
Single choice - Binary	All Respondents	Country	Percentage

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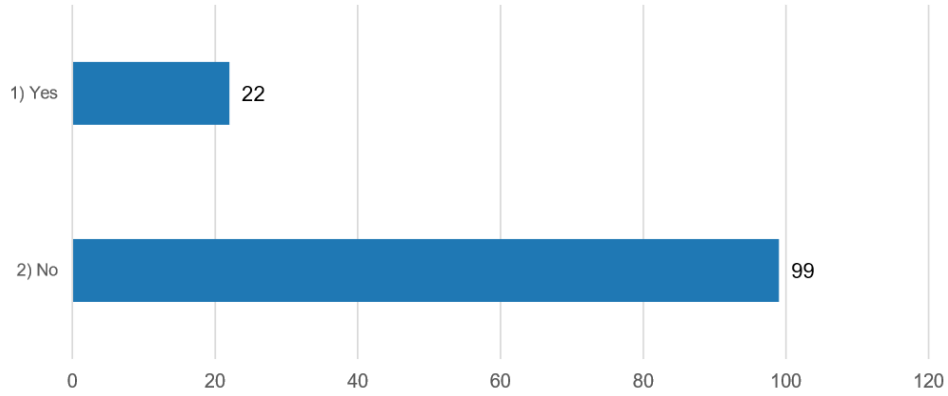
REFERENCE SAMPLE

Question type: **Single choice - Binary**
 Number of analysed questionnaires: **155**
 Number of cities respond to this specific question: **121 (78%)**

<i>Answer</i>	<i>Count</i>	<i>Percentage*</i>
1) Yes	22	18%
2) No	99	82%

* The percentage refers to the respondents to this specific question. The grand total could be more than 100% in the case of multiple choice questions.

5.2.5 Is your Urban Data Platform connected with a data modelling function for the production of large virtual environments to achieve a real-world experience (Local Digital Twins or similar)?



Question type	Data sample	Cluster	Value
Single choice - Binary	Reference Sample	-	Count