

# Children's Social Care Needs Analysis : Understanding Service User Need using Cluster Analysis

## Introduction

Families that are referred to Children Social Care Services vary in the number and complexity of factors that need to be considered when determining their most appropriate service pathway.

These factors are currently identified and systematically collected as part of an assessment process. The details of the factors identified and the purpose for collecting them is described in more detail in the DfE Additional guide on the factors identified at the end of assessment<sup>1</sup> document.

Project T300 Remodelling Children's Social Care is part of the Council's wider Transformation Programme. The aim of this project is to ensure that children and families with complex needs requiring specialist intervention and/or safeguarding are provided with the appropriate service.

This paper provides a methodology to identify and understand key service user groups for Children's Social Care Services in Leicestershire. The outcome of the analysis is to create a comprehensive and cohesive, yet concise description of Children's Social Care service users that will help to inform any future Commissioning Strategy and the resulting service delivery.

## Assessments included in the analysis

This analysis includes Children's Social Care assessments that were completed between 01/04/2014 and 17/09/2014.

## Data Used for Analysis

The following factors identified at assessment have been used for the analysis<sup>2</sup>.

Factors Identified

- Alcohol misuse
- Drug misuse
- Domestic violence
- Mental health
- Learning disability
- Physical disability or illness
- Young carer
- Privately fostered
- Unaccompanied asylum seeking child.
- Missing
- Child Sexual Exploitation
- Trafficking
- Gangs
- Socially unacceptable behaviour
- Self-harm
- Neglect
- Emotional abuse
- Physical abuse
- Sexual abuse
- Other
- No factors identified

## Creating Assessment Clusters

Cluster analysis or clustering is a statistical technique used to create groupings of a set of objects in such a way that objects in the same group (called a cluster) are more similar (in some sense or another) to each other than to those in other groups (clusters).

Clusters of assessments have been created based on the factors identified on each assessment<sup>3</sup>.

## Resulting Assessment Clusters

The result of the Clustering Methodology is the creation of eight clusters. These clusters represent distinct groups of potential service users of Children's Social Care Services, based on the factors identified on the assessment. The resulting eight clusters are ..

- Younger children with parents with drug misuse issues
- Other
- Parent domestic abuse issues
- Parents with mental health issues
- Multiple parent issues
- Older children
- Child with learning/physical disability
- Complex cases with concerns about abuse and neglect

## Contextualising Family Clusters

Each cluster is described based on characteristics of the individual being assessed and the outcome of the assessment. The descriptions of each cluster are based on the following information ...

- the factors identified at assessment
- the resulting outcome following assessment
- resulting Child Protection Plans
- resulting Section 47s
- preceding social care referrals
- referral source
- age / locality of individual being assessed

*Report produced*

*For Nicci Collins*

*Remodelling Children's Social Care  
T300 Transformation Project*

<sup>1</sup> 2014-15 Children in Need Census , October 2013, DfE : [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/252790/Additional\\_guide\\_on\\_the\\_factors\\_CIN\\_Census\\_2014-15.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/252790/Additional_guide_on_the_factors_CIN_Census_2014-15.pdf)

<sup>2</sup> This information has been extracted from the Frameworkki system.

<sup>3</sup> SPSS has been used to create a clustering solution using the 'Heirarchical Clustering' method

# Cluster Overview

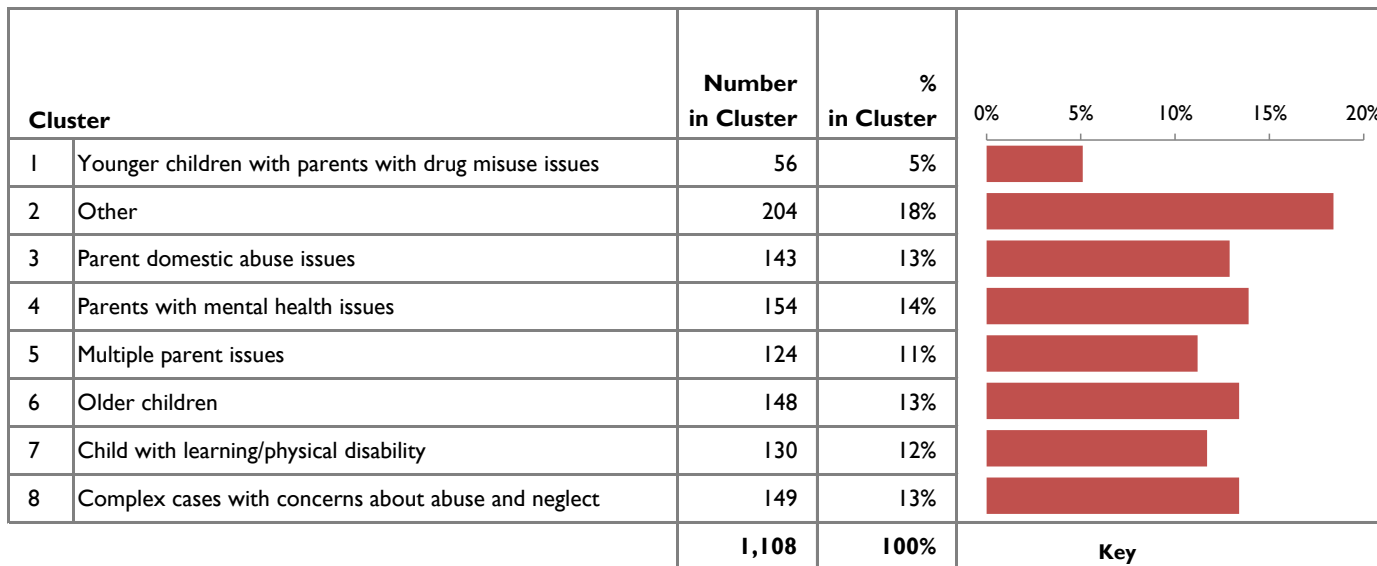
## Resulting Clusters

The eight clusters created are in Chart 1a, showing the proportion of the 1,108 assessed children in each of the eight clusters.

Chart 1b provides an overview of each of the clusters in the context of the factors identified at assessment.

For each cluster the chart highlights those factors that are more or less likely to be present for an individual in that particular cluster compared to all the other clusters. A large circle shows where a factor is more (red) or less (green) likely (approx. more than twice as likely) to be identified and a smaller circle shows where a factor is slightly more or less likely (approx. 1.5 times as likely) to be identified compared to other clusters.

**Chart 1a**  
Proportion of assessed individuals in each cluster



- Key**
- very significantly higher
  - significantly higher
  - significantly lower
  - very significantly lower

**Chart 1b**  
Cluster summary showing which factors are more or less likely to be identified at assessment for individuals in each cluster

Cluster	Cluster Description	Abuse or Neglect				Alcohol Misuse			Drug Misuse			Domestic Abuse			Learning Disability			Physical Disability			Mental Health			Other											
		Emotional Abuse	Neglect	Physical Abuse	Sexual Abuse	Another Person	Child	Parent / Carer	Another Person	Child	Parent / Carer	Another Person	Child	Parent / Carer	Another Person	Child	Parent / Carer	Another Person	Child	Parent / Carer	Another Person	Child	Parent / Carer	Unacc. Asylum Seeking Child	Gangs	Missing Child	Other	Privately Fostered	Self Harm	Socially Unacceptable Behav.	Young Carer				
1	Younger children with parents with drug misuse issues	●		●						●				●																					
2	Other	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●							●		
3	Parent domestic abuse issues	●	●	●	●			●		●				●								●													
4	Parents with mental health issues		●	●	●							●	●		●						●													●	
5	Multiple parent issues	●	●	●				●		●		●			●							●													
6	Older children	●	●	●	●		●	●	●				●		●				●		●					●			●	●					
7	Child with learning/physical disability	●	●	●	●			●					●		●						●											●	●		
8	Complex cases with concerns about abuse and neglect	●	●	●	●			●		●			●		●				●		●														

Chart 1c shows a cluster summary of the characteristics of the assessments. For example, individuals in cluster 3 (parents with domestic abuse issues) are significantly more likely to be referred by the Police.

Chart 1d shows a cluster summary of the assessment outcomes. For example, individuals in cluster 4 are significantly more likely to be stepped down to Early Help.

Each of the eight clusters are described in more detail later in this document, and the prevalence of each need is described in more detail on the following page.

**Chart 1d**  
Cluster summary showing the assessment outcomes that are more or less likely for individuals in each cluster

Cluster		Episode Outcome					
		Child Protection Plan	Section 47	Child In Need	Step Down to Early Help	No Further Action	Other
1	Younger children with parents with drug misuse issues			●			
2	Other					●	
3	Parent domestic abuse issues					●	
4	Parents with mental health issues				●		
5	Multiple parent issues			●		●	
6	Older children	●	●	●		●	●
7	Child with learning/physical disability	●	●	●		●	●
8	Complex cases with concerns about abuse and neglect	●	●	●	●	●	●

**Key**

- very significantly higher
- significantly higher
- significantly lower
- very significantly lower

**Chart 1c**  
Cluster summary showing which characteristics are more or less likely for assessed individuals in each cluster

Cluster		Number of Factors				Locality							Age				Referral Source															
		1	2	3 - 4	5 +	Blaby	Charnwood	Harborough	Hinckley and Bosworth	Melton	North West Leicestershire	Oadby and Wigston	Age 0-4	Age 5-10	Age 11-14	Age 15-17	Individual	Education	Health	Housing	Local Authority Service	Police	Other Legal Agency	Other	Anonymous	Unknown	Frameworkki	Rereferral	Looked After Child			
1	Younger children with parents with drug misuse issues			●	●	●	●						●				●	●						●								
2	Other										●						●							●	●	●						
3	Parent domestic abuse issues	●	●	●	●								●				●					●					●					●
4	Parents with mental health issues						●				●								●				●									
5	Multiple parent issues	●	●		●						●								●				●	●			●					
6	Older children											●		●		●					●				●				●			
7	Child with learning/physical disability			●										●				●				●					●					
8	Complex cases with concerns about abuse and neglect	●		●	●					●			●				●		●		●											●

## Cluster Summary

The results of the cluster analysis highlight the following issues/questions ...

### **Cluster 1 : Younger children with parents with drug misuse issues**

- Should these cases be referred in the first place?
- Are these assessments capturing all of the factors affecting these individuals?
- These cases are more likely to be referred from an anonymous/unknown source.

### **Cluster 2 : Other**

- The group needs to be interpreted with caution. There are some hidden smaller groups with more serious factors (Child Sexual Exploitation, sexual abuse).
- This group is likely to be made up of all the cases that do not 'fit' into any of the other clusters.

### **Cluster 3 : Parents with domestic abuse issues**

- Is this a referral issue, domestic abuse cases referred by the police where there is a young child in the house?
- These cases do not have any other factors identified and are likely to result in No Further Action.
- Should the referral process be reviewed?

### **Cluster 4 : Parents with mental health issues**

- These cases are more likely to be stepped down to Early Help.
- Should these cases be referred in the first place?

### **Cluster 5 : Multiple parent issues**

- More likely to be referrals from Police / Probation, and other legal agencies.
- More likely to result in No Further Action.

### **Cluster 6 : Older children**

- What other services have these children been involved in at an earlier age (if any)?
- What could have been done differently to prevent issues escalating and these children then being referred to social care?

### **Cluster 7 : Child with learning / physical disability**

- More likely to be referred from schools.
- These cases are more likely to result in the child becoming a 'Child in Need'
- How do these cases fit with the SEND remodelling?

### **Cluster 8: Complex cases with concerns about abuse and neglect**

- These are the most serious cases and are more likely to have 5 or more factors identified.
- These cases are more likely to result in a Child Protection Plan and involve Looked After Children.

# Children's Social Care Assessments :All cases included in the Cluster Analysis

Children's Social Care assessment data has been extracted from the Frameworki case management system. Initially, the data from 1,951 assessments has been extracted, between the 01/04/2014 and the 17/09/2014.

Preliminary analysis identified 705 assessments where the social worker did not identify any factors. Also, 138 cases had 'Other' as the only factor identified at assessment. All of these assessments were removed from the analysis as the reason for referral was unclear and would make interpretation of any resulting clusters difficult to interpret. This resulted in 1,108 assessments being included in the analysis to create the clusters.

Charts 2 to 6 provide a summary of the 1,108 assessments used to create the clusters of potential Children's Social Care service users. The information in these charts can be used as a baseline to help understand the key differences and characteristics of the resulting eight clusters.

**Chart 2**  
Percentage of assessments by number of factors identified

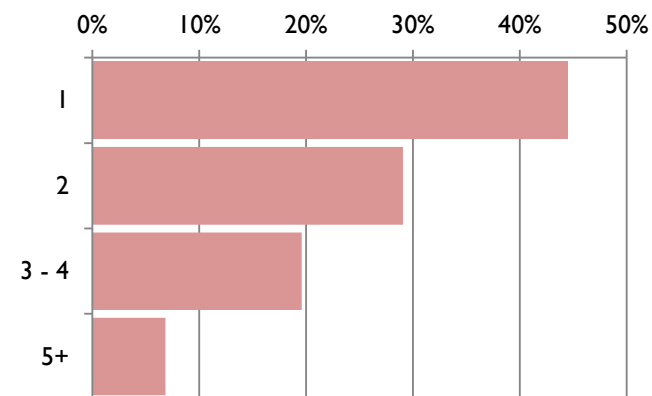
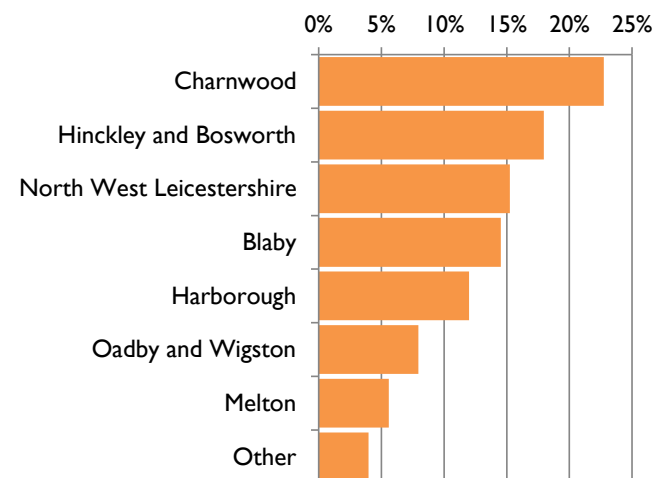


Chart 2 shows the percentage of the 1,108 assessments by the number of factors identified. Almost half (44%) of assessments have only one factor identified. Less than one in ten (7%) of assessments have 5 or more factors identified. This raises questions about whether workers input all factors identified onto the Frameworki system or only the most significant factor. If so, this will have consequences on the resulting clusters.

Chart 3 shows the percentage of the 1,108 assessments by Locality. Almost one-quarter of the assessments were completed for individuals living in Charnwood (23%).

Chart 4 shows the percentage of assessments according to the factors identified. One-third of the 1,108 assessments had parent/carer domestic abuse identified as a factor, and one-quarter of assessments had parent/carer mental health identified as a factor.

**Chart 3**  
Percentage of families with each need identified on the Locality Panel Form



**Chart 4**  
Percentage of assessments by factors identified

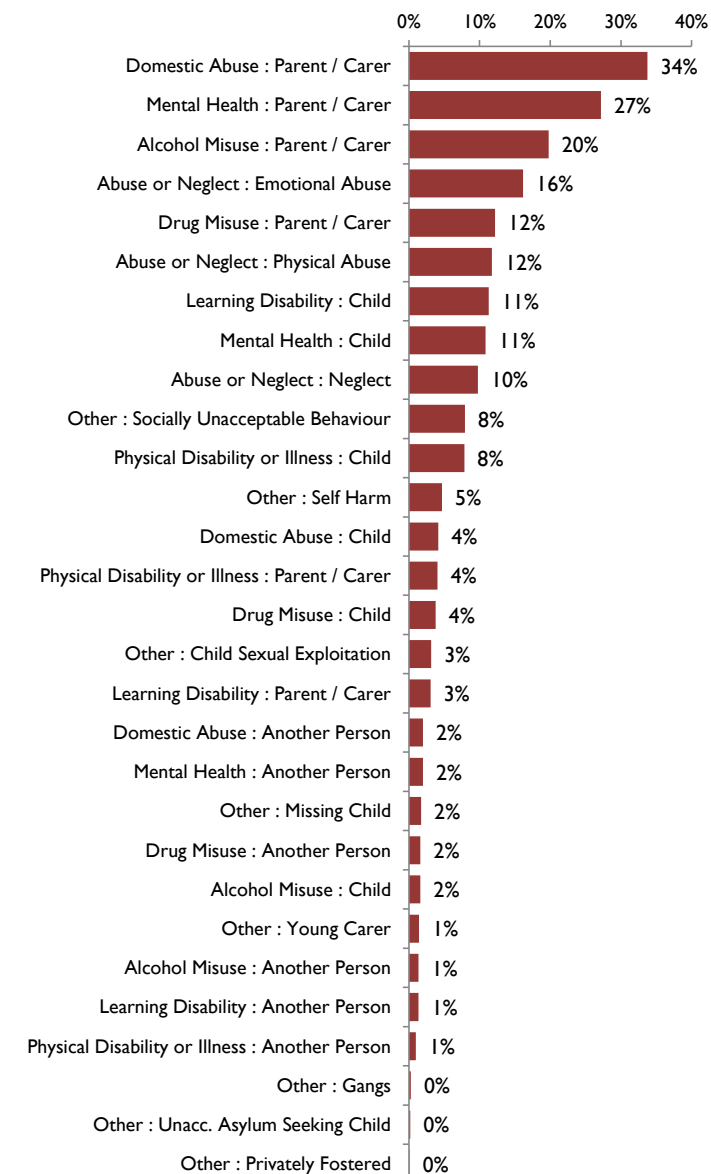


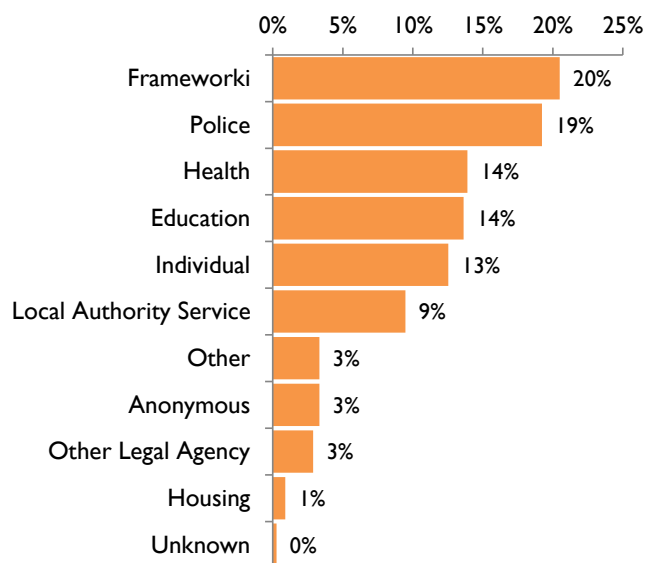
Chart 5 shows the percentage of the 1,108 assessments by the source of the referral.

The highest proportion of referrals (20%) are from within Frameworki (e.g. step ups from Early Help). There are no clusters where there is a significantly higher proportion of referrals from within Frameworki.

Chart 5 shows the percentage of assessments by the characteristics of the assessment or individual being assessed and the assessment outcome.

One-third of the assessments are for individuals aged under 5 years. There are three clusters where the

**Chart 5**  
Percentage of assessments by referral source



proportion of under 5's is significantly higher, cluster 1, Younger children with parents with drug misuse issues, cluster 3, Parents with domestic abuse issues and cluster 8, Complex cases with concerns about abuse and neglect.

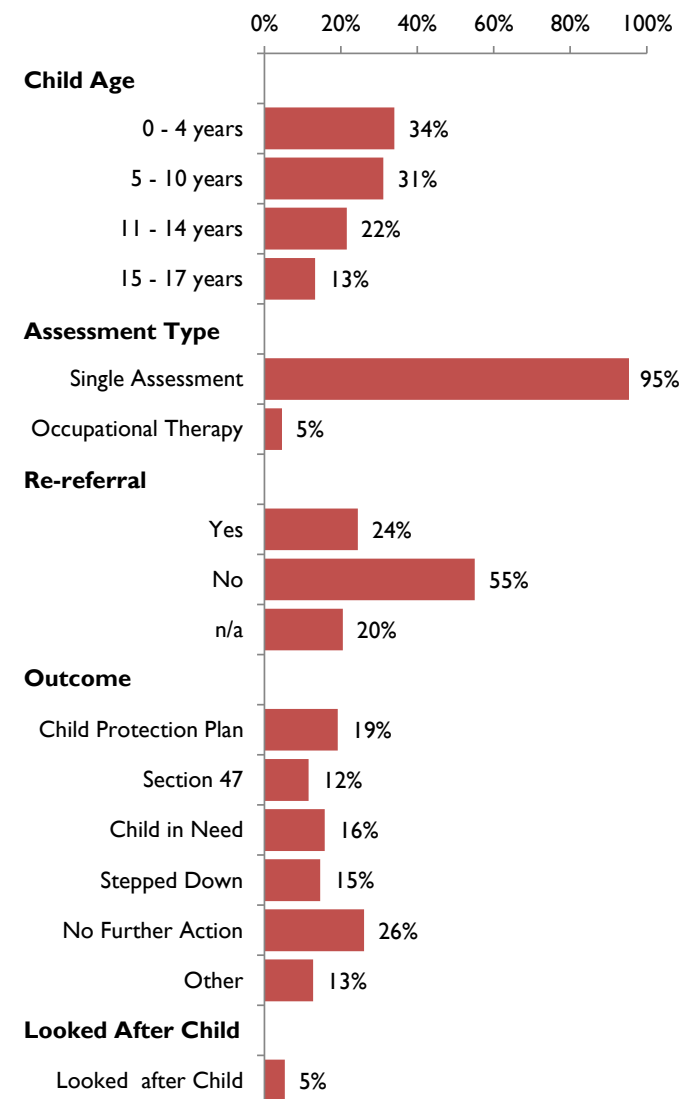
One-quarter of the assessments are re-referrals. There are no clusters where this proportion is significantly higher, but the proportion in cluster 6, Older children, is significantly lower.

One in five assessments results in a Child Protection Plan. This proportion is significantly higher for cluster 8, Complex cases with concerns about abuse and neglect.

One-quarter of assessments results in no further action. This increases to one-third for cluster 3, Parents with domestic abuse issues and almost half of cluster 5, Multiple parent issues.

The remainder of this document describes each of the eight clusters in terms of the factors identified at assessment, characteristics of the individual being assessed and the outcome of the assessment. Each of the following eight cluster descriptions highlights those factors/characteristics/outcomes that are significantly more or less likely compared to the overall picture.

**Chart 6**  
Percentage of assessments by assessment characteristics and outcomes



## Cluster I : Younger children with parents with drug misuse issues

All children in this cluster have a parent with a drug misuse issue. Over half of these cases have only one factor identified at assessment, the majority 95% have one or two factor identified.

These children are more likely to be under 5 years of age and have been referred from an unknown or anonymous source.

The cases are no more likely to result in a Child Protection Plan and 4 time less likely to result in a Child in Need, compared to all other assessed cases.

### Individuals in this cluster are ....

#### more likely to be .....

- Parent with a drug misuse issue x 7
- Aged 0 to 4 years x 2
- Referred from an 'other' source x 3
- Referred by an 'anonymous' source x 5
- Referred by an 'unknown' source x 13

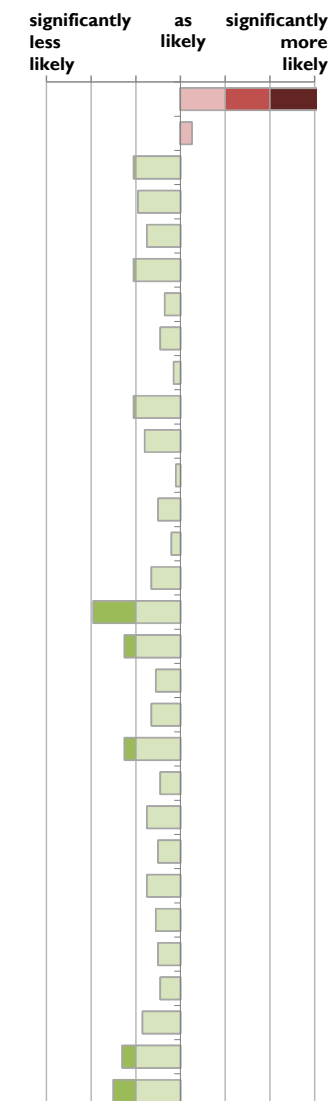
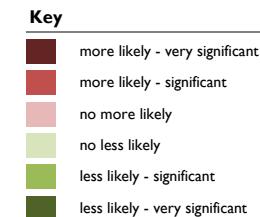
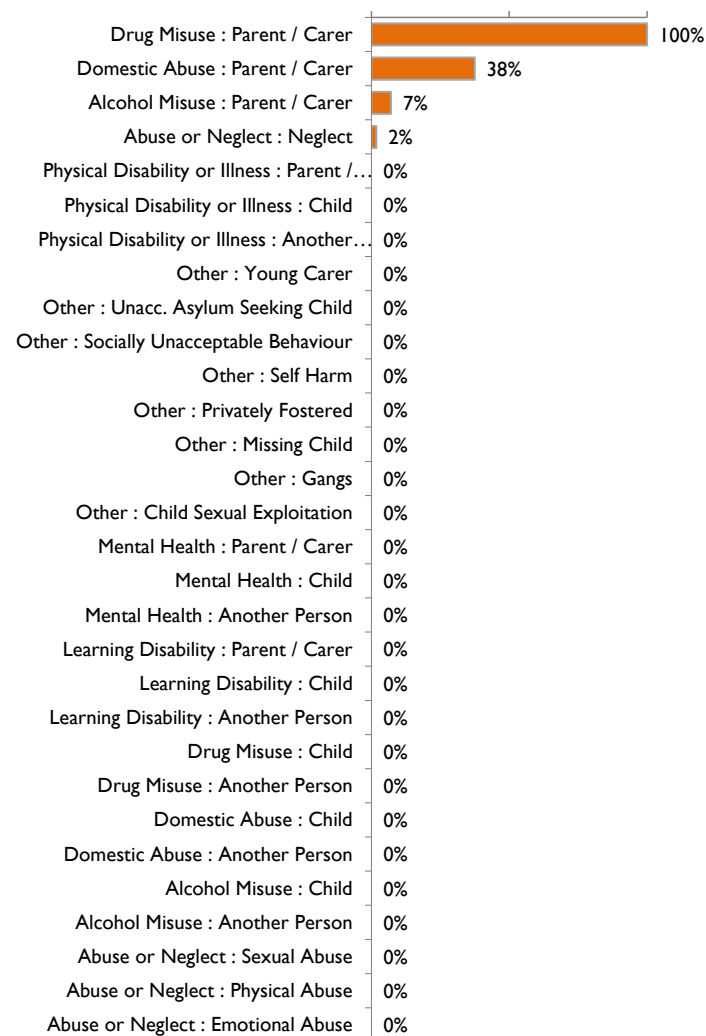
#### less likely to be .....

- Parents with an alcohol misuse issue x 3
- Child with a physical disability x n/a
- Socially unacceptable behaviour x n/a
- Parent with a mental health issue x n/a
- Child with a mental health issue x n/a
- Child with learning disability x n/a
- Physical abuse x n/a
- Emotional abuse x n/a
- 3 to 4 factors identified at Assessment x 5
- 5 or more factors x n/a
- Live in Blaby Locality x 4
- Aged 11 to 14 years x 2
- Aged 15 to 17 years x 4
- Referred by an individual x 7
- Referred by education x n/a
- Become a 'Child in Need' x 4

### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

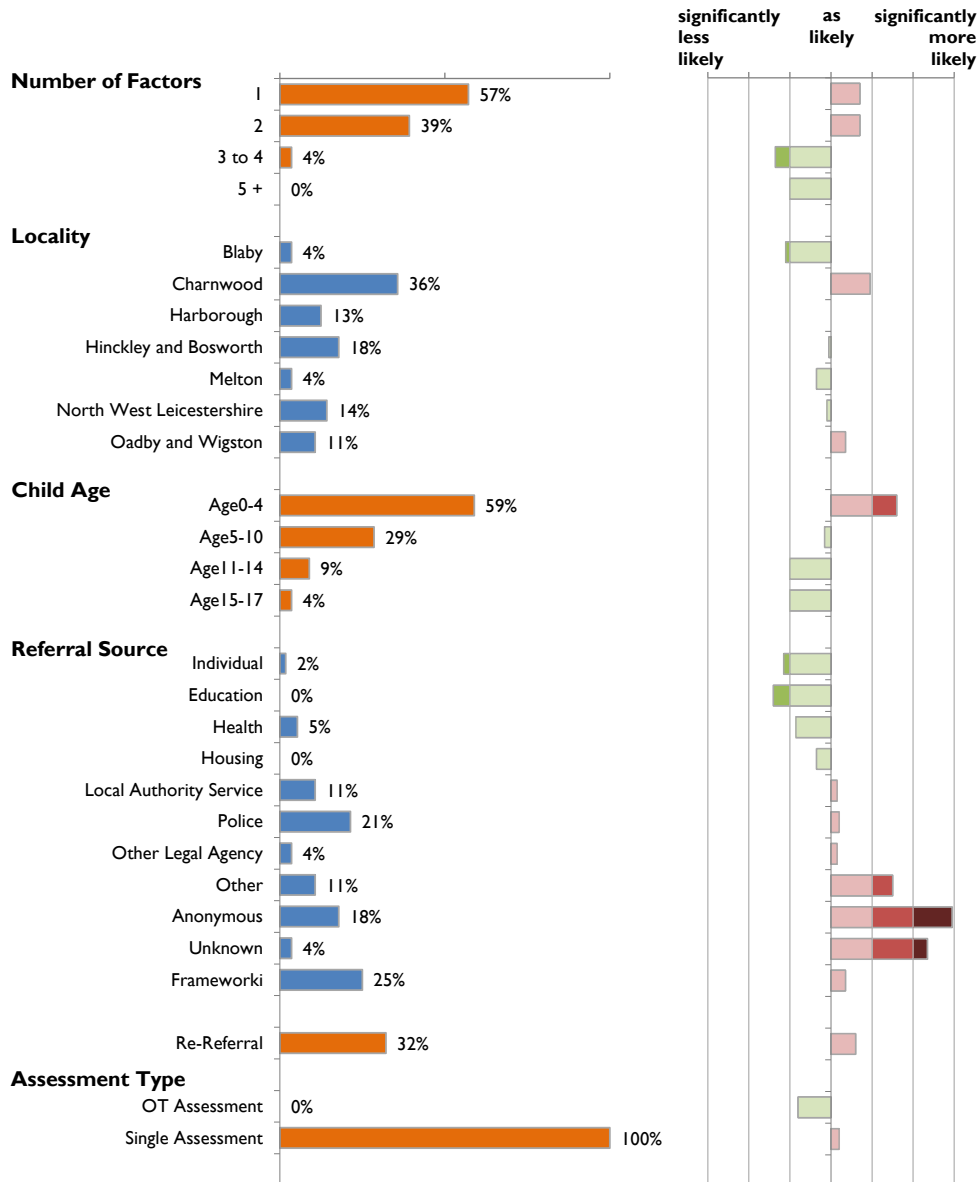


# Cluster I : Younger children with parents with drug misuse issues

## Cluster Characteristics

i) percentage of assessments in cluster

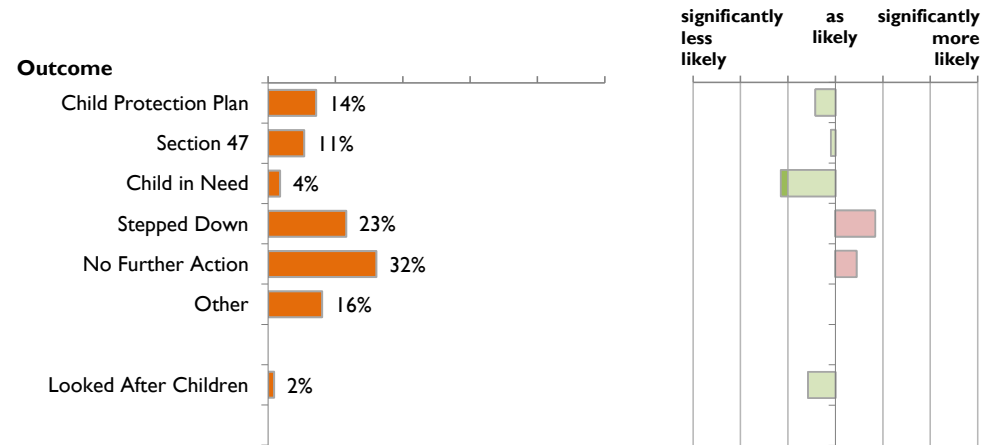
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

None



## Cluster 2 : Other

This cluster contains a mixture of cases with various combinations of factors identified at assessment, probably those cases that do 'fit' into the other seven clusters. However, this cluster contains several small sub-groups of cases, some of which are complex with multiple factors of a serious nature.

Two of these sub-groups are; sexual abuse, in this cluster children are 3 time more likely have this identified as assessment; child sexual exploitation, in this cluster children are 4 times more likely to be a victim.

### Individuals in this cluster are ....

#### more likely to be .....

- Physical abuse x 2
- Sexual abuse x 3
- Neglect x 2
- Child victim of domestic abuse x 3
- Parent physical disability x 3
- Child sexual exploitation x 4
- Other person with a mental health issue x 5
- Parent with learning disability x 3
- Another person victim of domestic abuse x 4
- Drug misuse by another person x 3
- Young carer x 3
- Another person with a learning disability x 3

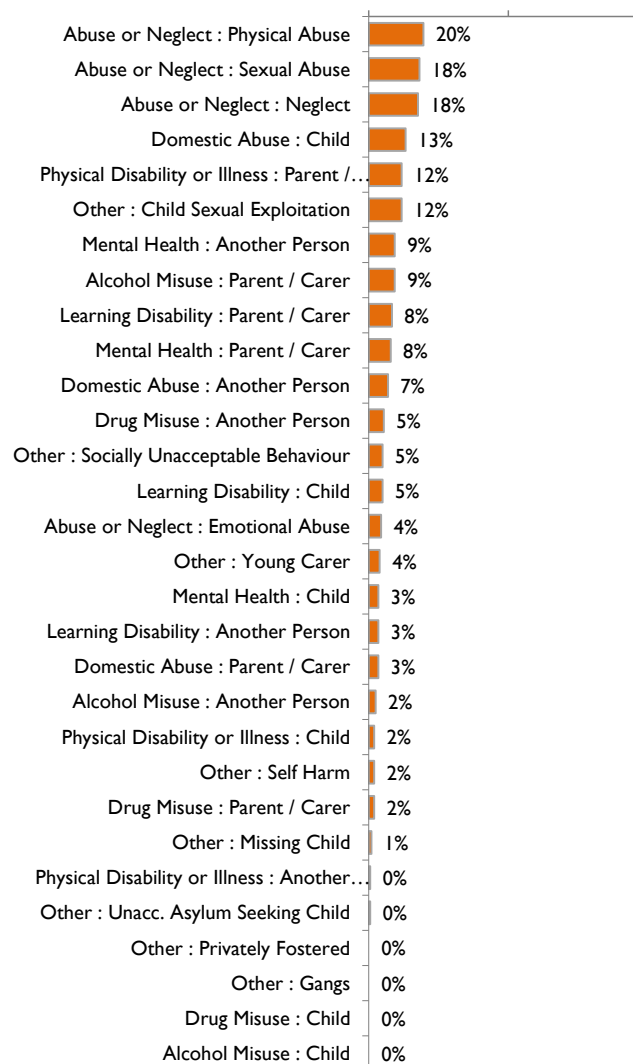
#### less likely to be .....

- Parent with an alcohol misuse issue x 2
- Parent with mental health issue x 4
- Socially unacceptable behaviour x 2
- Child with a learning disability x 2
- Emotional abuse x 4
- Child with a mental health issue x 3
- Parent victim of domestic abuse x 10
- Child with physical disability x 4
- Self harm x 2
- Parent with a drug misuse issue x 6
- Child with an drug misuse issue x n/a

### Factors Identified

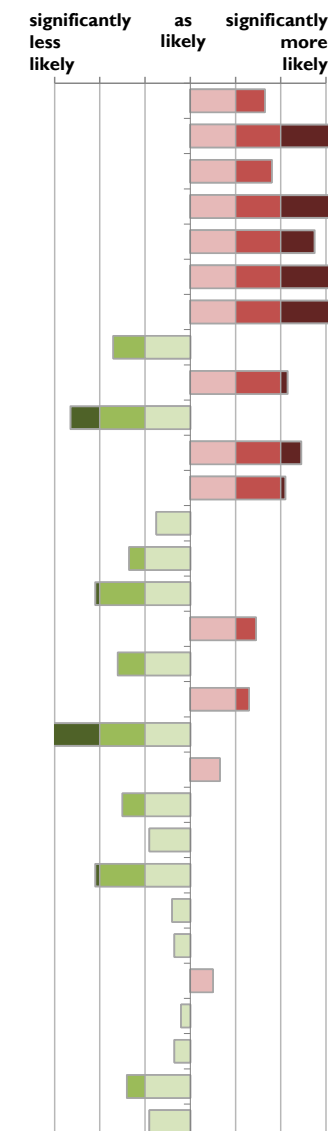
#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters



### Key

- more likely - very significant
- more likely - significant
- no more likely
- no less likely
- less likely - significant
- less likely - very significant

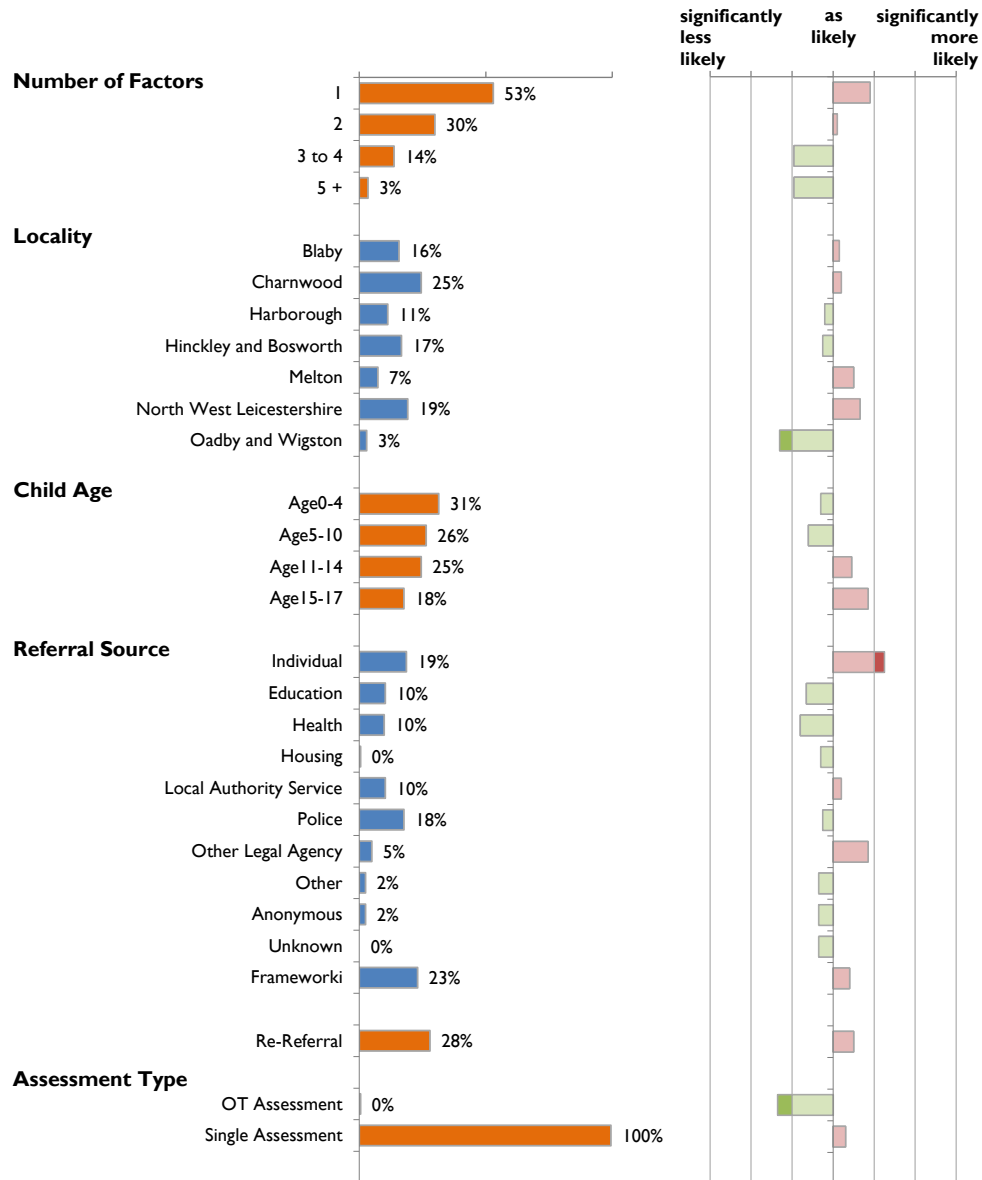


## Cluster 2 : Other

### Cluster Characteristics

i) percentage of assessments in cluster

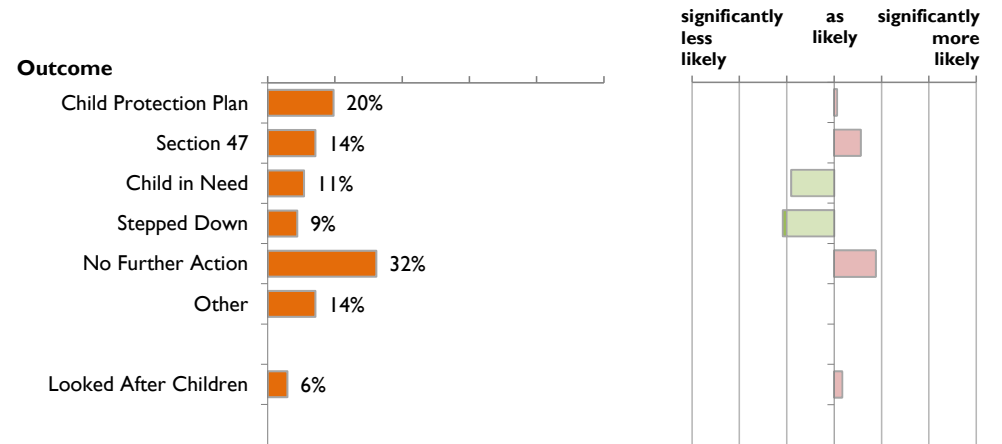
ii) significance of characteristic compared to other clusters



### Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



### Cluster Subgroups

Cluster 2a : Sexual abuse

Cluster 2b : Issues affecting another individual, older children

Cluster 2c : Child sexual exploitation

Cluster 2d : Child victim of domestic abuse

Cluster 2e : Neglect, under 5 years old

## Cluster 3 : Parent domestic abuse issues

Cases in this cluster are more likely to have only one factor identified at assessment, concerns about a parent being the subject of domestic abuse.

These cases are more likely to children aged 0 to 4 years and the cases are more likely to be referred by the Police, one third of cases in this cluster are referred from the Police compared to 19% overall.

Cases in this cluster are more likely to result in No Further Action.

### Individuals in this cluster are ....

#### more likely to be .....

- Parent victim of domestic abuse x 3
- Gangs x 5
- 1 factor identified at assessment x 2
- Aged 0 to 4 years x 1.5
- Referred from the Police x 2
- Result in 'No Further Action' x 1.5

#### less likely to be .....

- Child with a learning disability x 3
- Parent with a drug misuse issue x 17
- Child with a physical disability x n/a
- Socially unacceptable behaviour x n/a
- Self harm x n/a
- Child sexual exploitation x n/a
- Parent with a mental health issue x n/a
- Child with a mental health issue x n/a
- Parent with a learning disability x n/a
- Child with a drug misuse issue x n/a
- Parent with an alcohol misuse issue x n/a
- Sexual abuse x n/a
- Neglect x n/a
- Emotional abuse x n/a
- 2 issues x 4
- 3 to 4 issues x 5
- 5 or more issues x 10
- Aged 15 to 17 years x 2
- Referred by an individual x 3

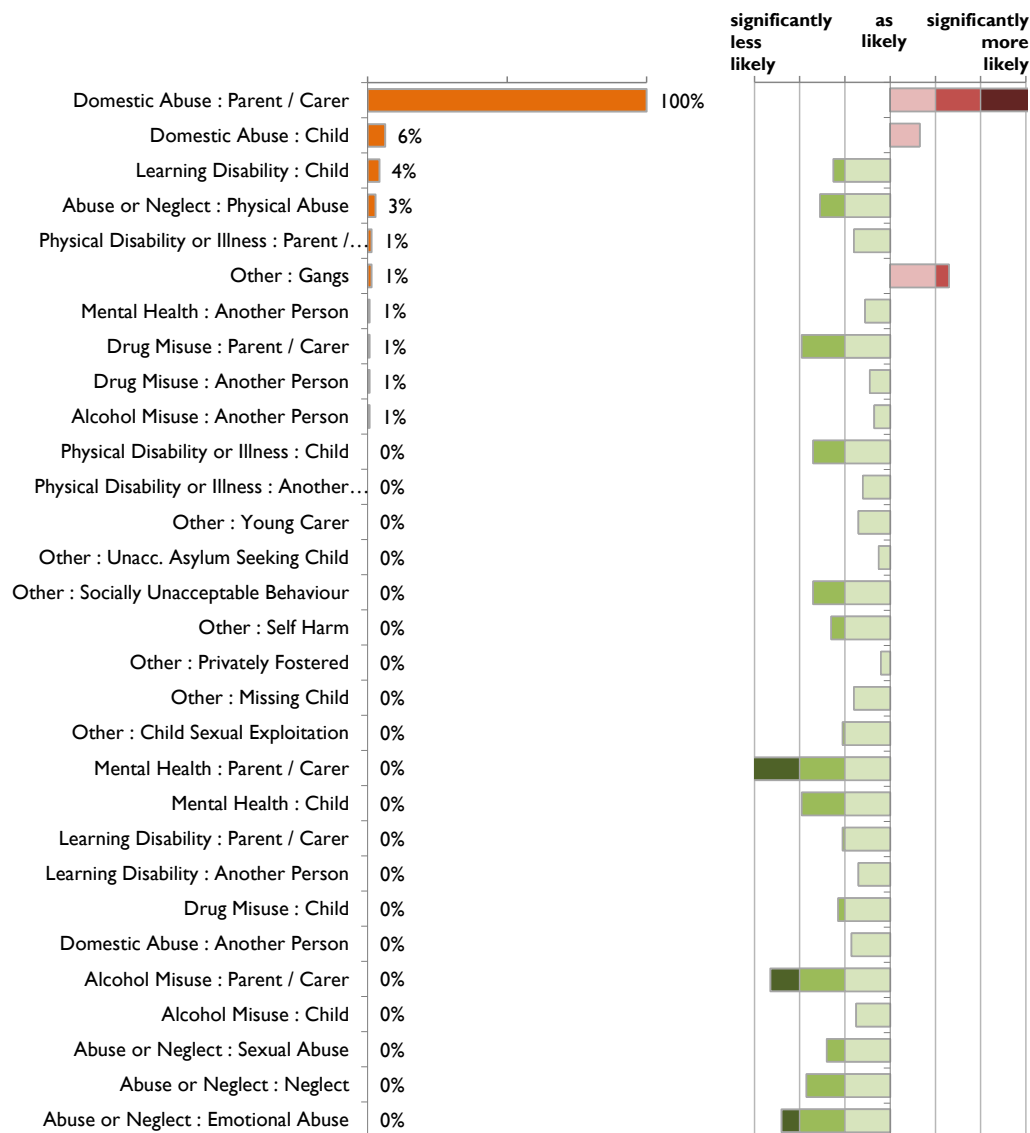
### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

#### Key

- more likely - very significant
- more likely - significant
- no more likely
- no less likely
- less likely - significant
- less likely - very significant

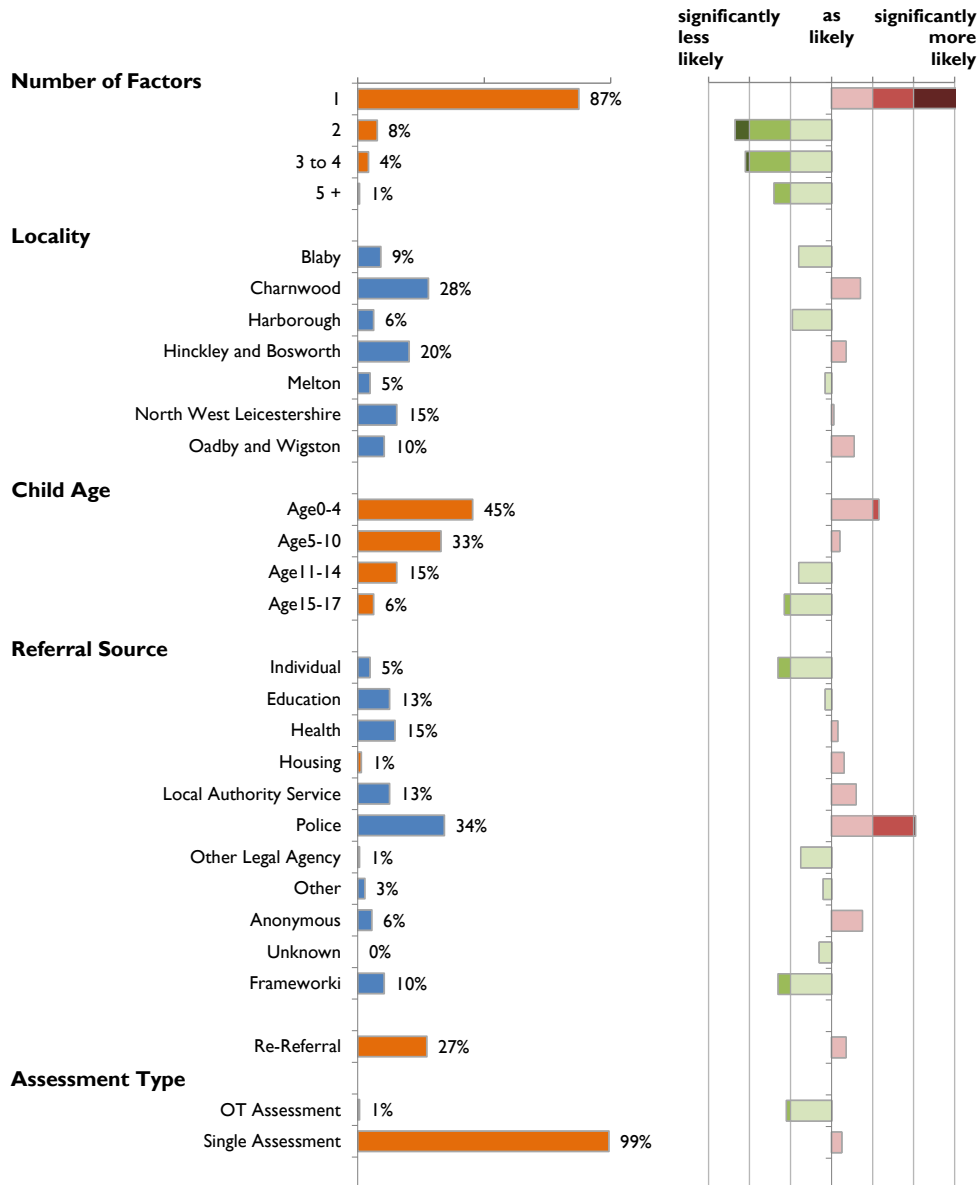


# Cluster 3 : Parent domestic abuse issues

## Cluster Characteristics

i) percentage of assessments in cluster

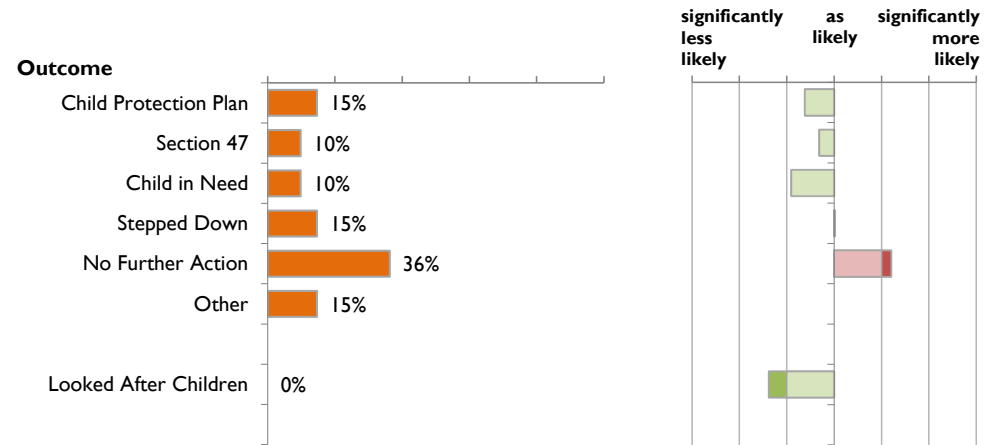
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

None

## Cluster 4 : Parents with mental health issues

The majority of cases in this cluster have been assessed with a concern about the mental health of the parent / carer. The majority of cases (42%) have this as a single factor identified at assessment.

These cases are almost twice as likely to be referred by Health agencies 23% compared to all assessed cases, 14%.

One third of cases in this cluster are stepped down to Early Help services, twice the overall step down rate for social care assessment cases.

### Individuals in this cluster are ....

#### more likely to be .....

- Parent with a mental health issue x 4
- Neglect x 2
- Young carer x 3

- Live in NW Leicestershire x 2
- Referred by Health x 2
- Stepped down to Early Help x 2

#### less likely to be .....

- Physical abuse x 4
- Parent victim of domestic abuse x 17
- Sexual abuse x 4
- Child with a physical disability x 12
- Socially unacceptable behaviour x 12
- Self Harm x n/a
- Child sexual exploitation x n/a
- Child with a learning disability x n/a
- Child with a drug misuse issue x n/a
- Child victim of domestic abuse x n/a

- Live in Charnwood x 2
- Aged 15 to 17 years x 2
- Referred by the Police x 2

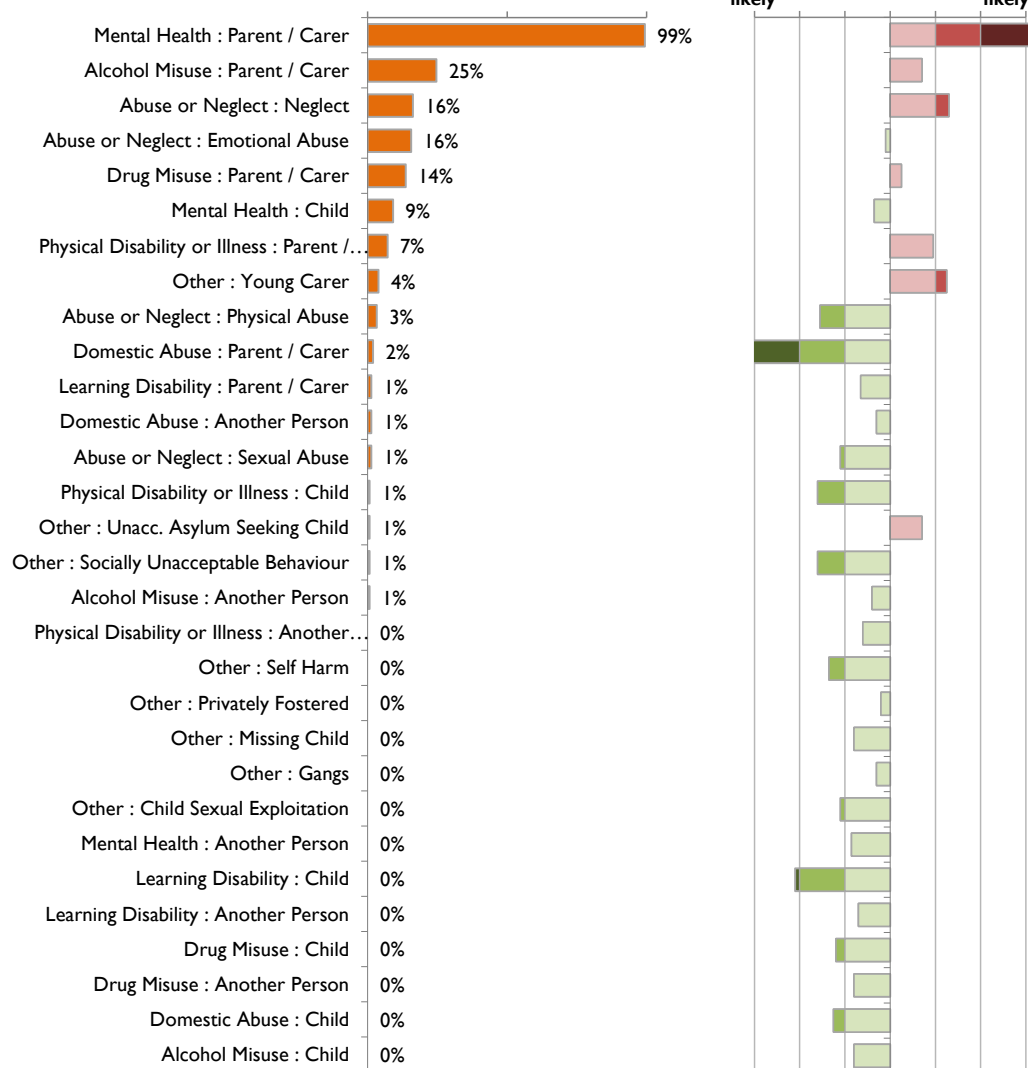
### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

#### Key

- more likely - very significant
- more likely - significant
- no more likely
- no less likely
- less likely - significant
- less likely - very significant

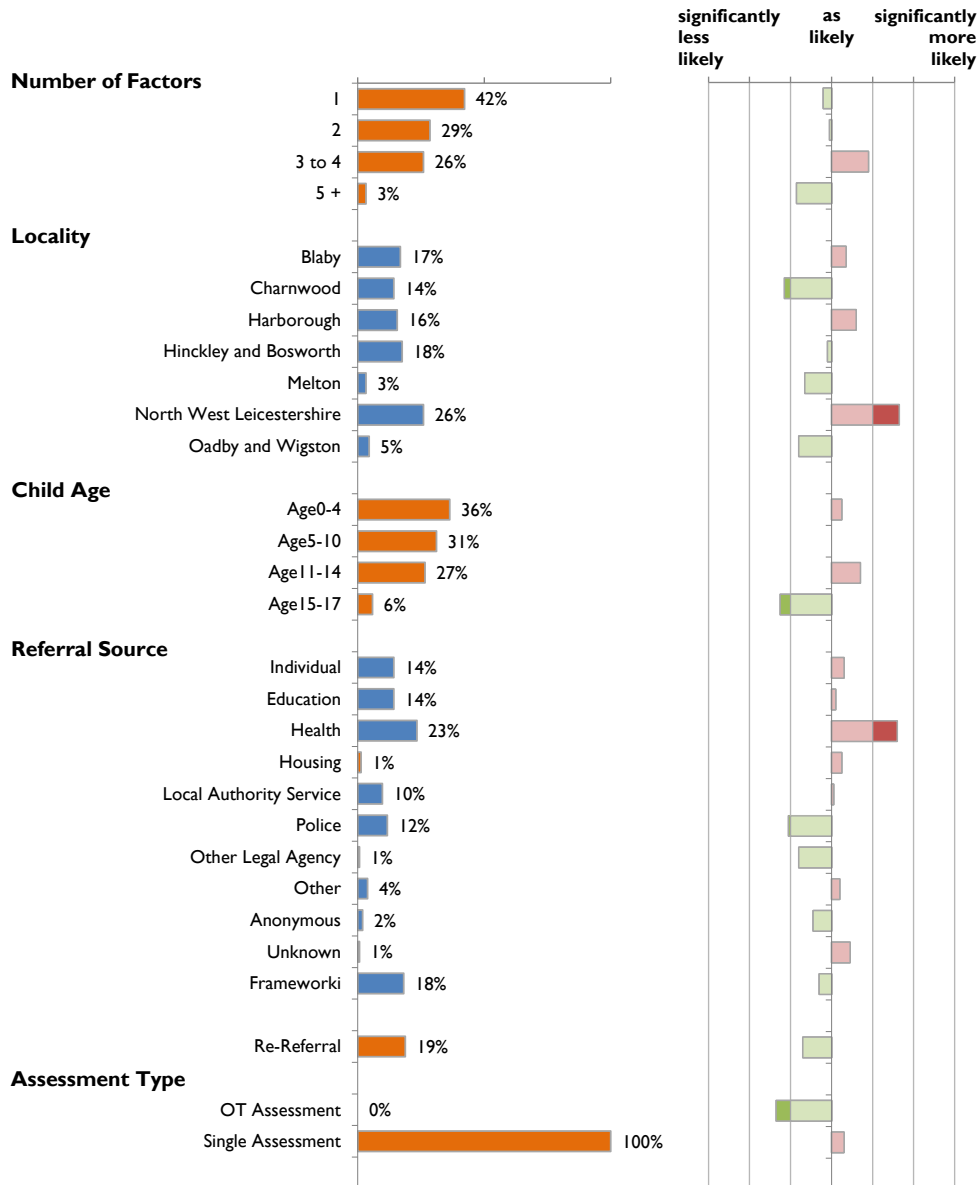


## Cluster 4 : Parents with mental health issues

### Cluster Characteristics

i) percentage of assessments in cluster

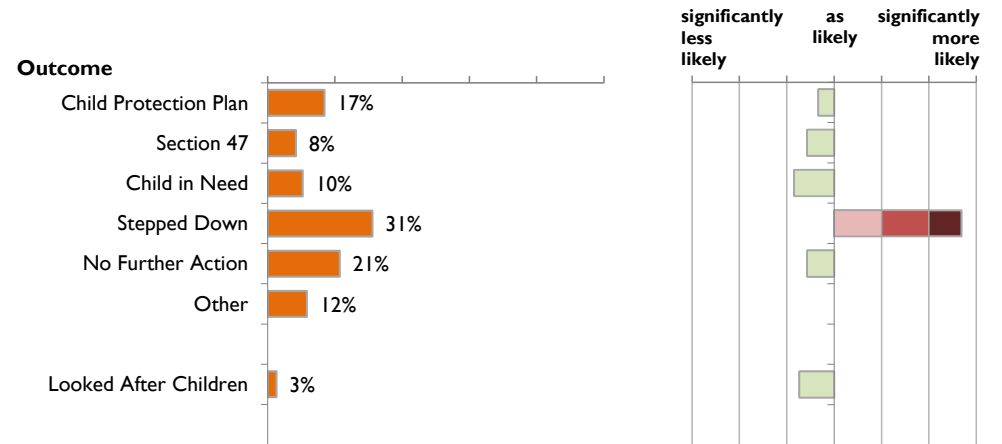
ii) significance of characteristic compared to other clusters



### Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



### Cluster Subgroups

Cluster 4a : Parents with mental health issue

Cluster 4b : Parents with mental health issue and alcohol misuse

## Cluster 5 : Multiple parent issues

Cases in this cluster are more likely to have been referred by the Police (twice as likely) or another Legal Agency (i.e. Probation) (three times as likely) compared to all other cases.

These cases are more likely to have assessed as having concerns about the parent, alcohol misuse, domestic abuse and mental health issues.

These cases are twice as likely as others to result in no further action, almost half of the cases in this cluster, and far less likely (5 times) to result in a Child in Need.

### Individuals in this cluster are ....

#### more likely to be .....

- Parent with an alcohol misuse issue x 4
- Parent victim of domestic abuse x 2
- Parent with a mental health issue x 1.5

- 2 factors identified at assessment x 2
- Live in Oadby and Wigston x 2
- Referred by the Police x 2
- Referred by another Legal Agency x 3
- Result in 'No Further Action' x 2

#### less likely to be .....

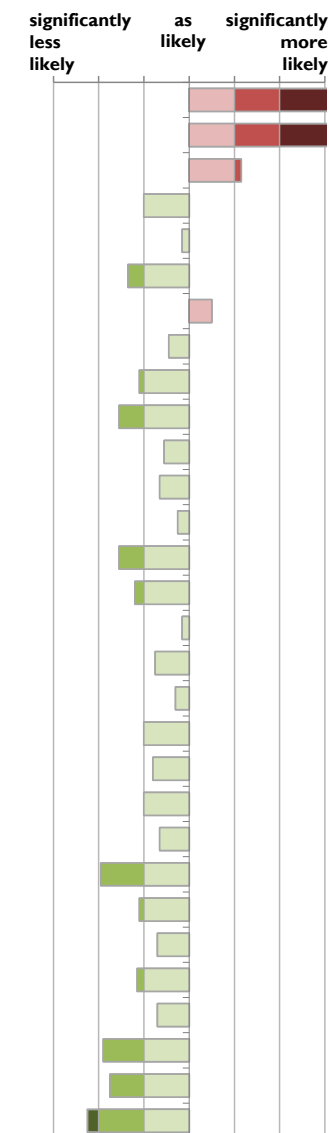
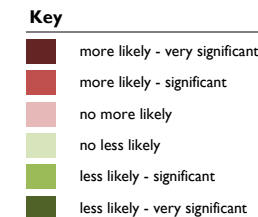
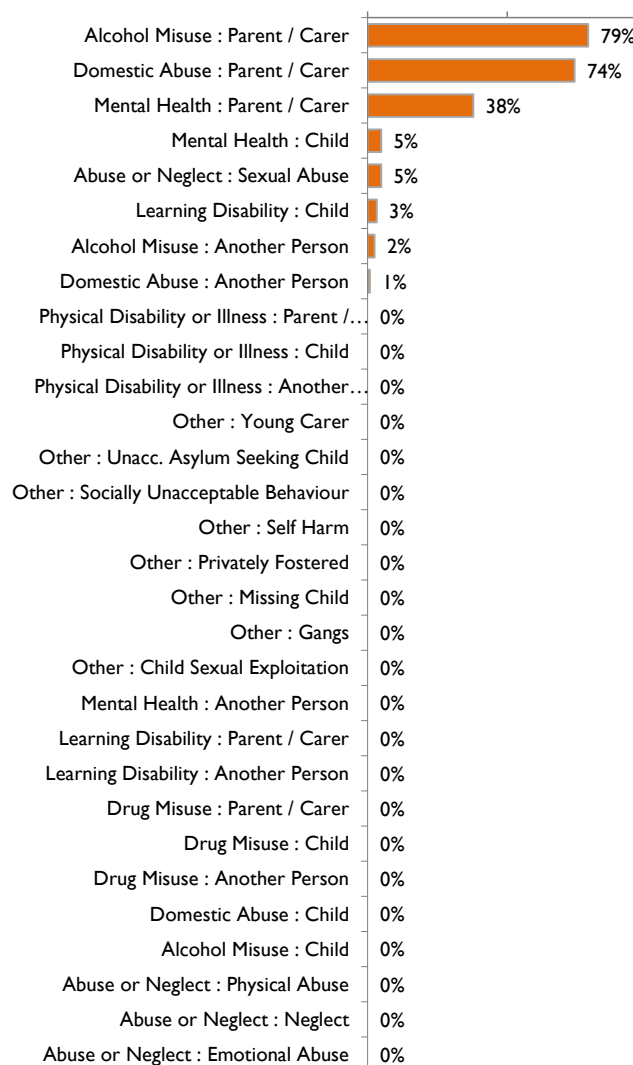
- Child with a mental health issue x 3
- Child with a learning disability x 4
- Parent with a physical disability x n/a
- Child with a physical disability x n/a
- Socially unacceptable behaviour x n/a
- Self harm x n/a
- Parent with a drug misuse issue x n/a
- Child with a drug misuse issue x n/a
- Child victim of domestic abuse x n/a
- Physical abuse x n/a
- Neglect x n/a
- Emotional abuse x n/a

- 1 factor identified at assessment x 2
- Live in Melton Borough x 2
- Live in NW Leicestershire x 2
- Referred by Health x 3
- Result in a 'Child in Need' x 5

### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

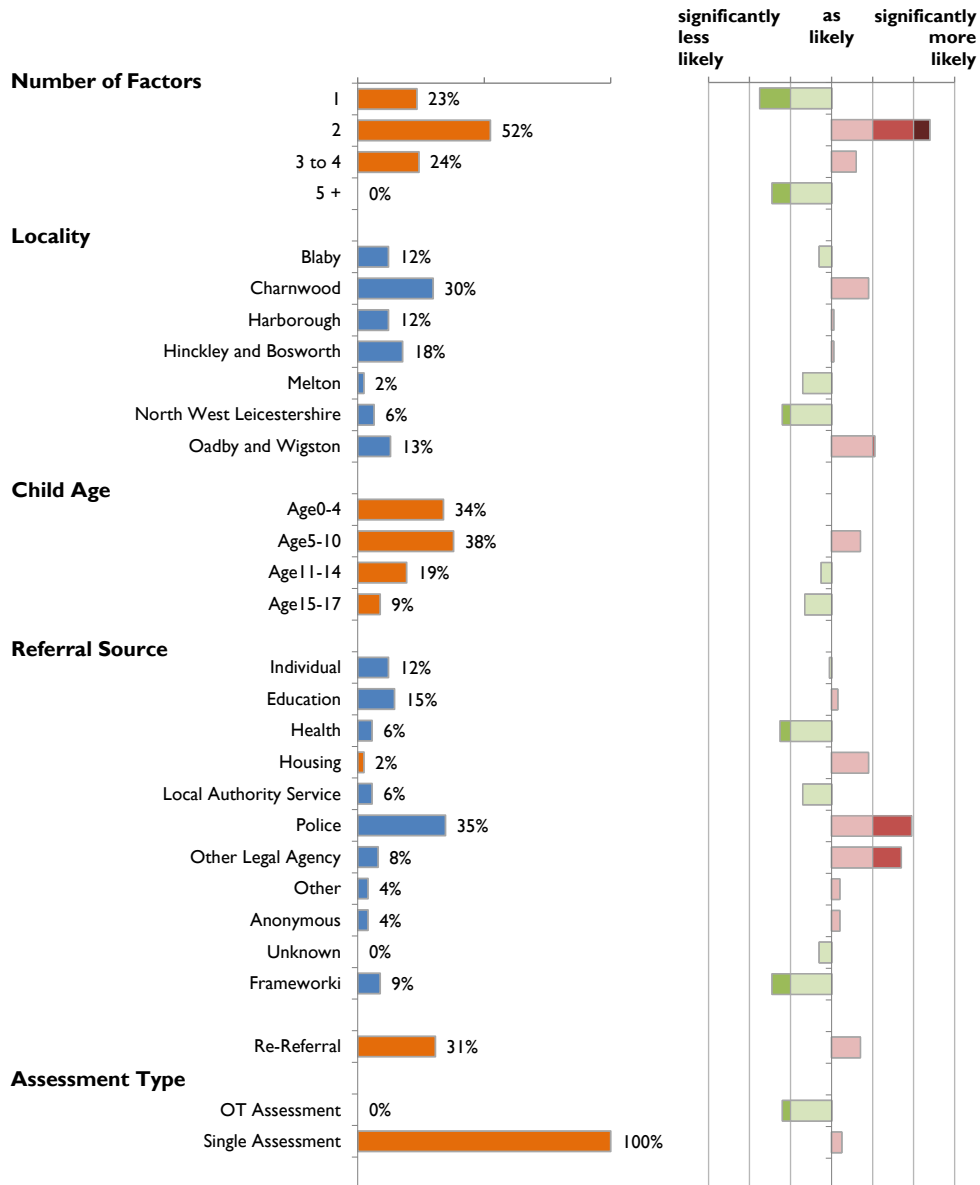


# Cluster 5 : Multiple parent issues

## Cluster Characteristics

i) percentage of assessments in cluster

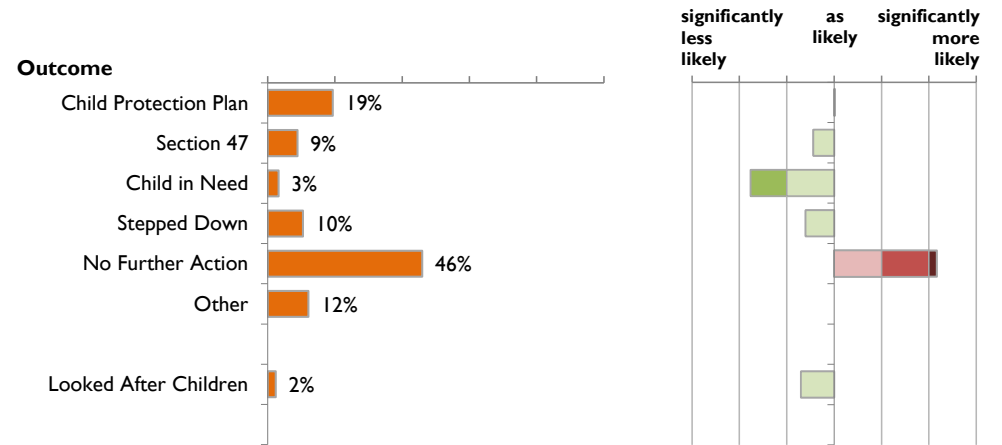
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

Cluster 5a : Parent with alcohol misuse

Cluster 5b : Parent victim of domestic abuse and mental health issues



## Cluster 6 : Older children

Cases in this cluster are characterised by factors concerning older children, aged 11 to 17 years, including mental health, socially unacceptable behaviour, self harm and drug misuse.

Almost one-third of cases in this cluster result in a Child in Need, being twice as likely compared to all other cases. However, only 1% of these cases result in a Child Protection Plan, 14 times less than all other cases.

### Individuals in this cluster are ....

#### more likely to be .....

- Child with a mental health issue x 4
- Socially unacceptable behaviour x 5
- Self harm x 5
- Child with drug misuse issue x 6
- Missing child x 7
- Child with alcohol misuse issue x 7
- Another person with a physical disability x 3
- Privately fostered x 8
  
- Aged 11 to 14 years x 1.5
- Aged 15 to 17 years x 2
- Results in Child in Need x 2

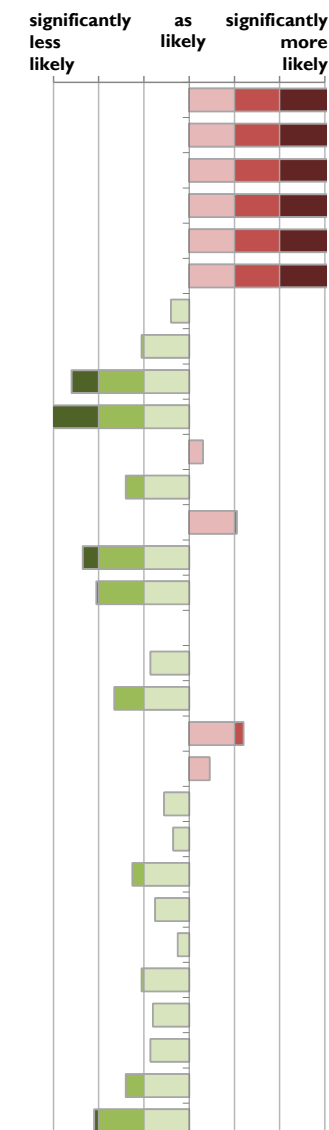
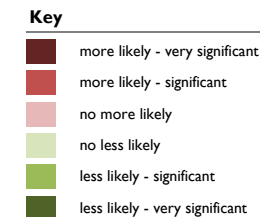
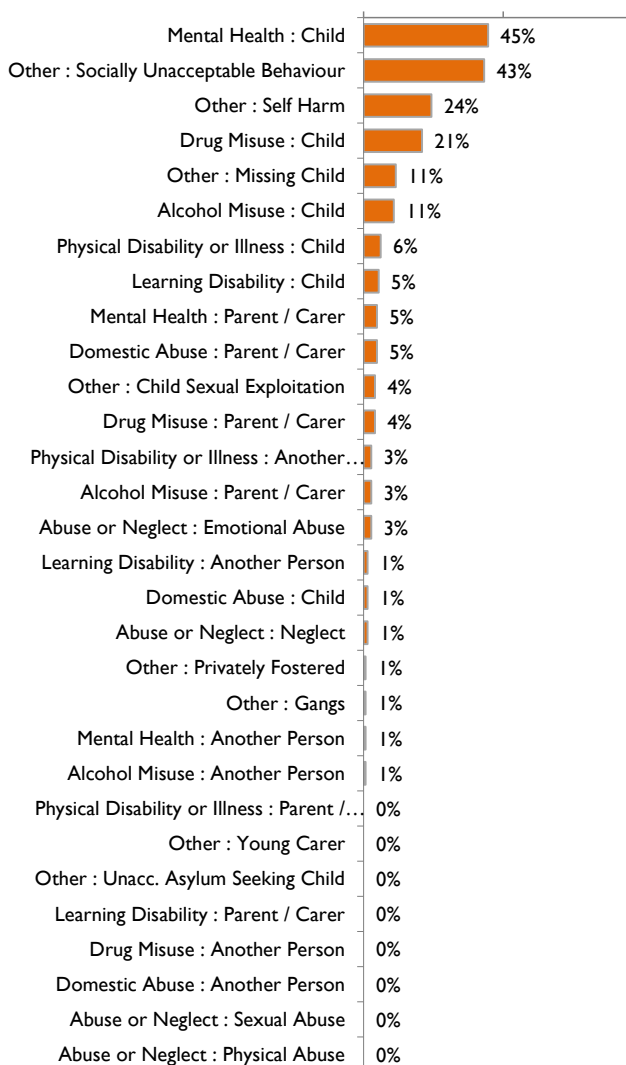
#### less likely to be .....

- Child with a learning disability x 2
- Parent with a mental health issue x 6
- Parent victim of domestic abuse x 7
- Parent with drug misuse issue x 3
- Parent with alcohol misuse issue x 6
- Emotional abuse x 6
- Child victim of domestic abuse x 3
- Neglect x 7
  
- Aged 0 to 4 years x 3
- Referred by a Local Authority service x 2
- Previous referral in the last 12 months x 2
- Result in a Child Protection Plan x 14

### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

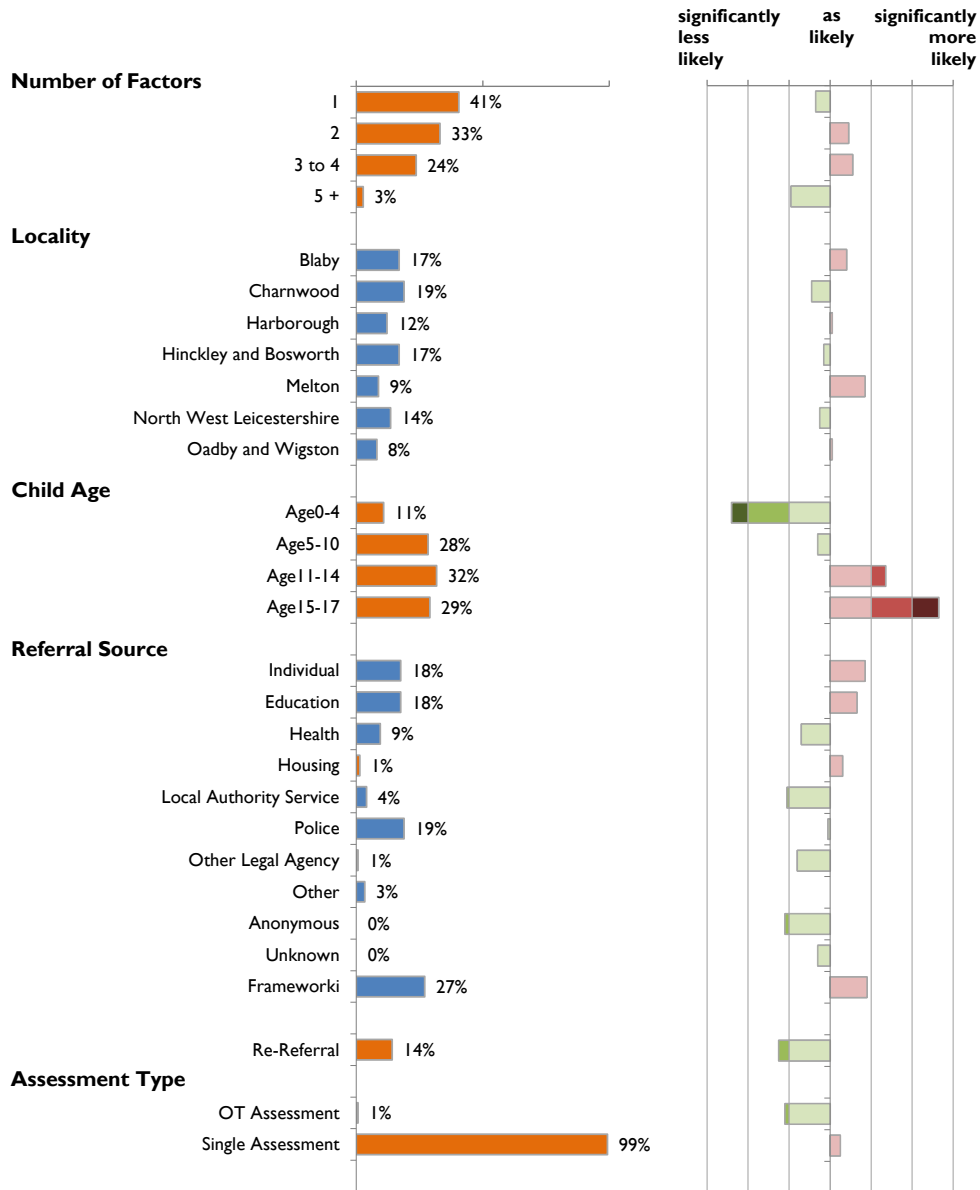


# Cluster 6 : Older children

## Cluster Characteristics

i) percentage of assessments in cluster

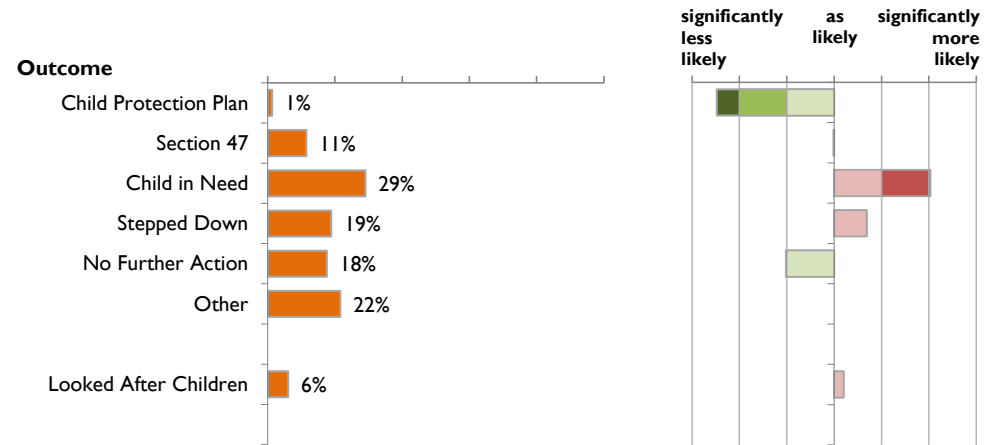
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

Cluster 6a : Socially unacceptable behaviour

Cluster 6b : Older child with drug misuse issue

Cluster 6c : Older child with mental health issue

## Cluster 7 : Child with learning/physical disability

This cluster contains cases where there are concerns about the child's physical and/or learning disability.

Referrals in this cluster are twice as likely to come from an education source, and are more likely to be for children aged 5 to 10 years.

These cases are more likely to result in a Child in Need, and less likely to result in 'no further action' or a Child Protection Plan.

### Individuals in this cluster are ....

#### more likely to be .....

- Child with a learning disability x 7
- Child with a physical disability x 7
- Aged 5 to 10 years x 1.5
- Referred by Education x 2
- Result in a Child in Need x 3

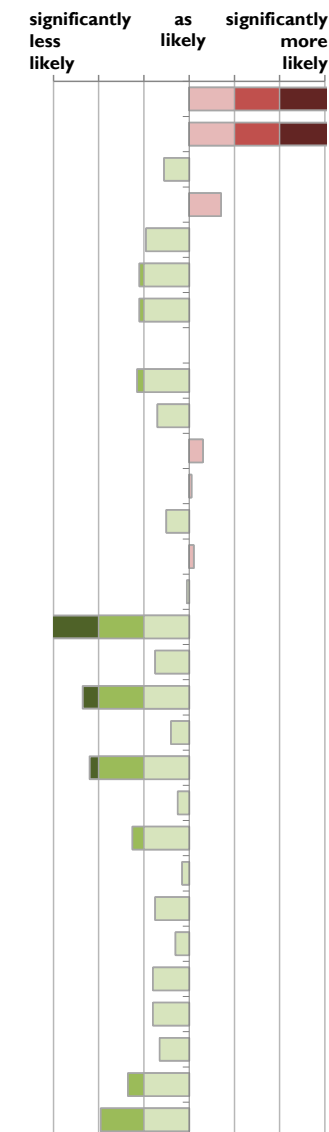
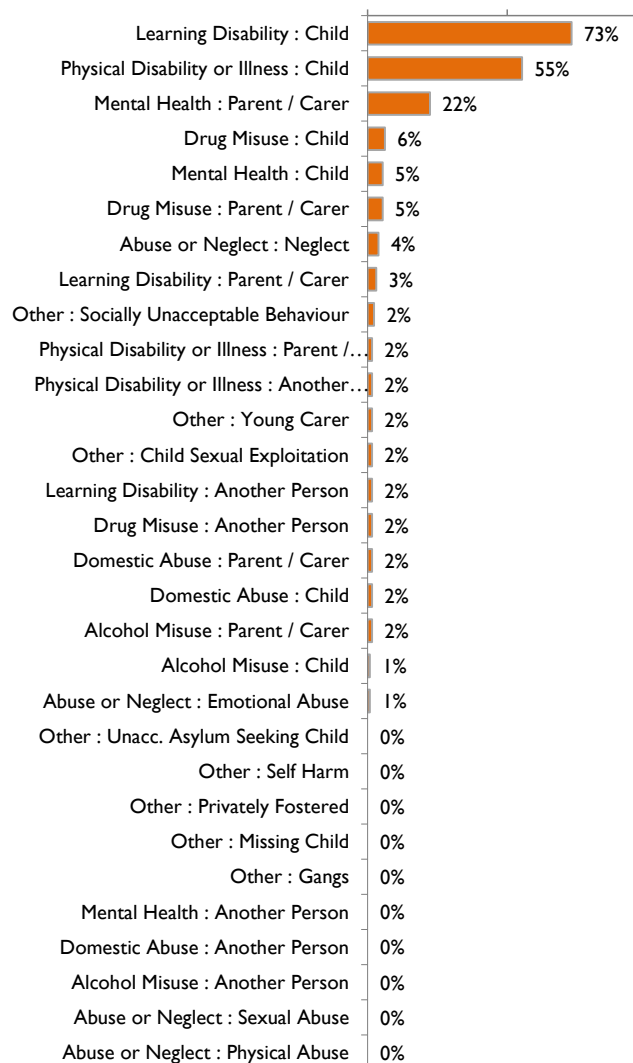
#### less likely to be .....

- Parent with drug misuse issue x 2
- Neglect x 3
- Socially unacceptable behaviour x 3
- Parent victim of domestic abuse x 22
- Parent with alcohol misuse issue x 13
- Emotional abuse x 21
- Self harm x n/a
- Sexual abuse x n/a
- Physical abuse x n/a
- Aged 3 to 4 years x 2
- Referred by the Police x 5
- Result in a Child Protection Plan x 3

### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

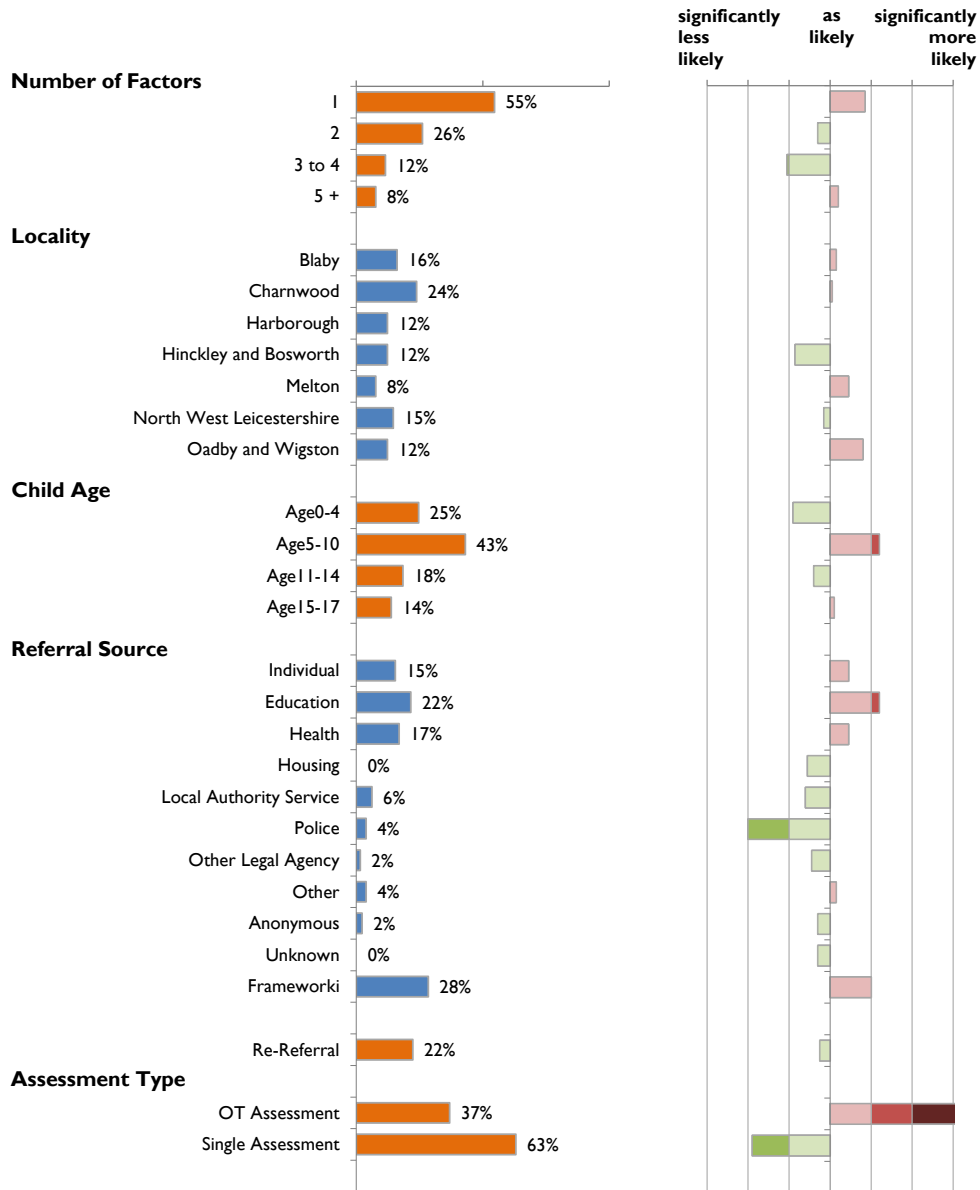


# Cluster 7 : Child with learning/physical disability

## Cluster Characteristics

i) percentage of assessments in cluster

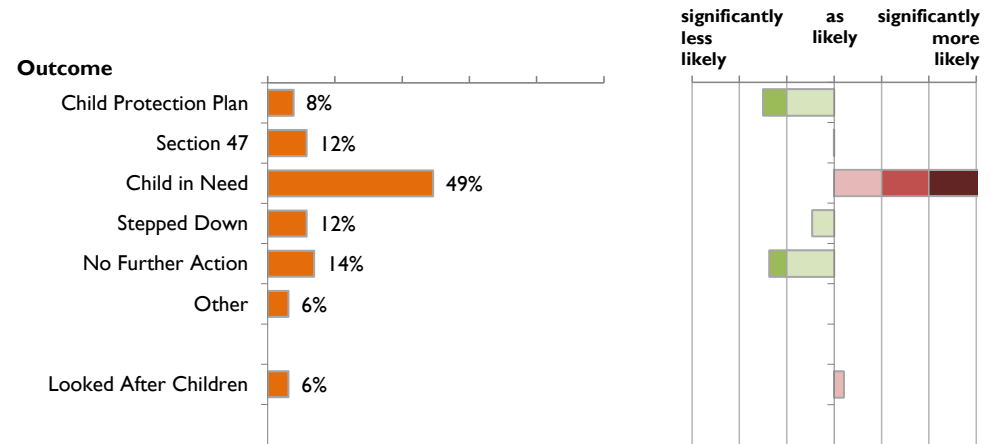
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

Cluster 7a : Child with learning disability, no other factors identified at assessment

Cluster 7b : Child with learning disability and multiple other factors identified at assessment, including parent with mental health issue

Cluster 7c : Child with physical disability, and few other factors identified at assessment

## Cluster 8 : Complex cases with concerns about abuse and neglect

This cluster represents those cases that are most complex in terms of the number and severity of factors identified at assessment. One third of these cases have 5 or more, and three-quarters have more 3 or more factors identified at assessment. Almost all (95%) of cases in this cluster have emotional abuse identified as a concern, six times more than all other assessed cases.

These cases are three times more likely to be a Looked After Child and three times more likely to result in a Child Protection Plan, compared to all other assessed cases.

### Individuals in this cluster are ....

#### more likely to be .....

- Emotional abuse x 6
  - Parent victim of domestic abuse x 2
  - Physical abuse x 5
  - Parent alcohol misuse issue x 2
  - Parent drug misuse issue x 2
  - Neglect x 3
  - Sexual abuse x 2
  - Another person with a physical disability x 3
- 
- 3 to 4 factors identified at assessment x 2
  - 5 or more factors identified at assessment x 5
  - Referred by Health x 1.5
  - Referred by a Local Authority Service x 2
  - Result in a Child Protection Plan x 3
  - Looked after Child x 3

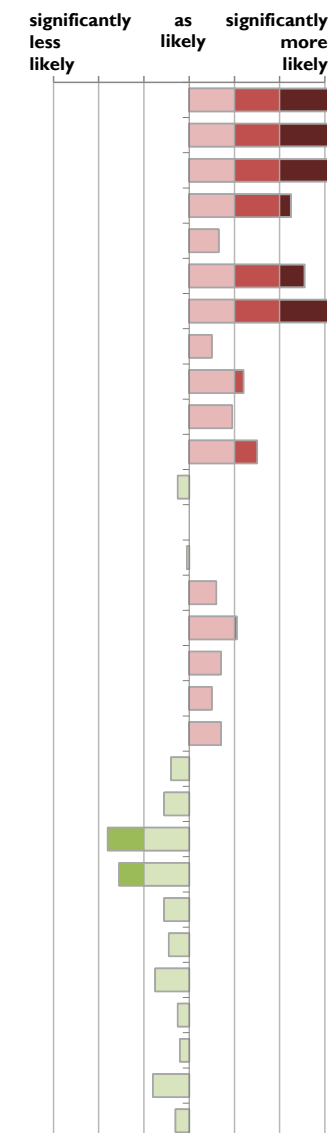
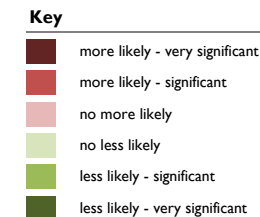
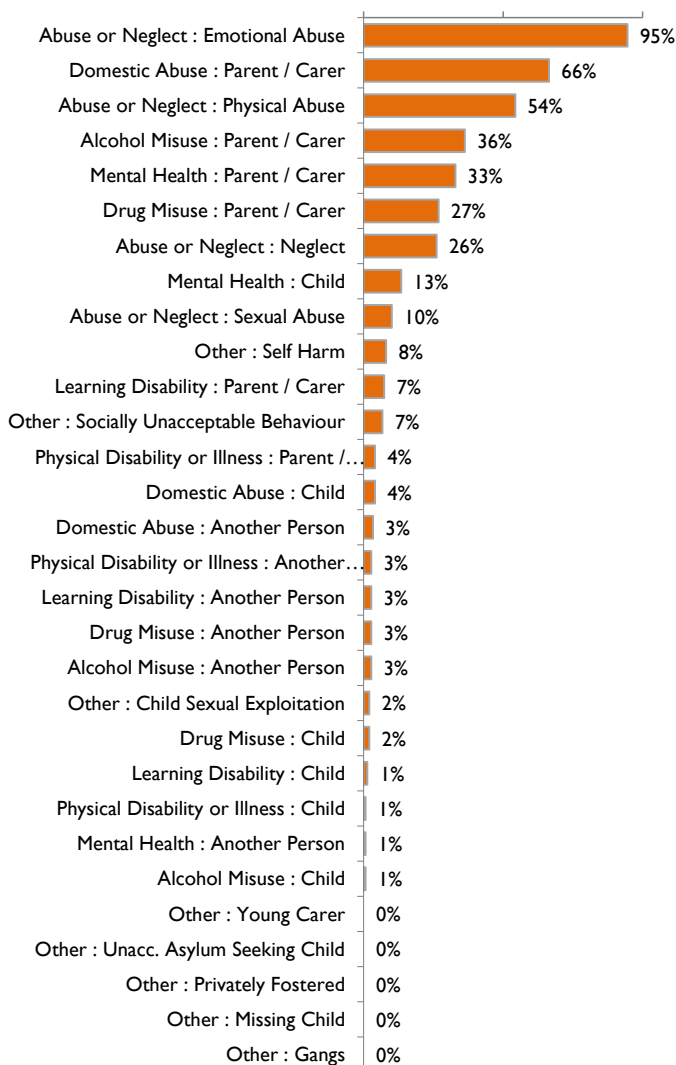
#### less likely to be .....

- Child with a learning disability x 8
- Child with a physical disability x 12
- 1 factor identified at assessment x 22
- Referred by an individual x 2
- Result in a Child in Need x 2
- Result in a step down to Early Help x 4

### Factors Identified

#### i) percentage of assessments in cluster

#### ii) significance of factor compared to other clusters

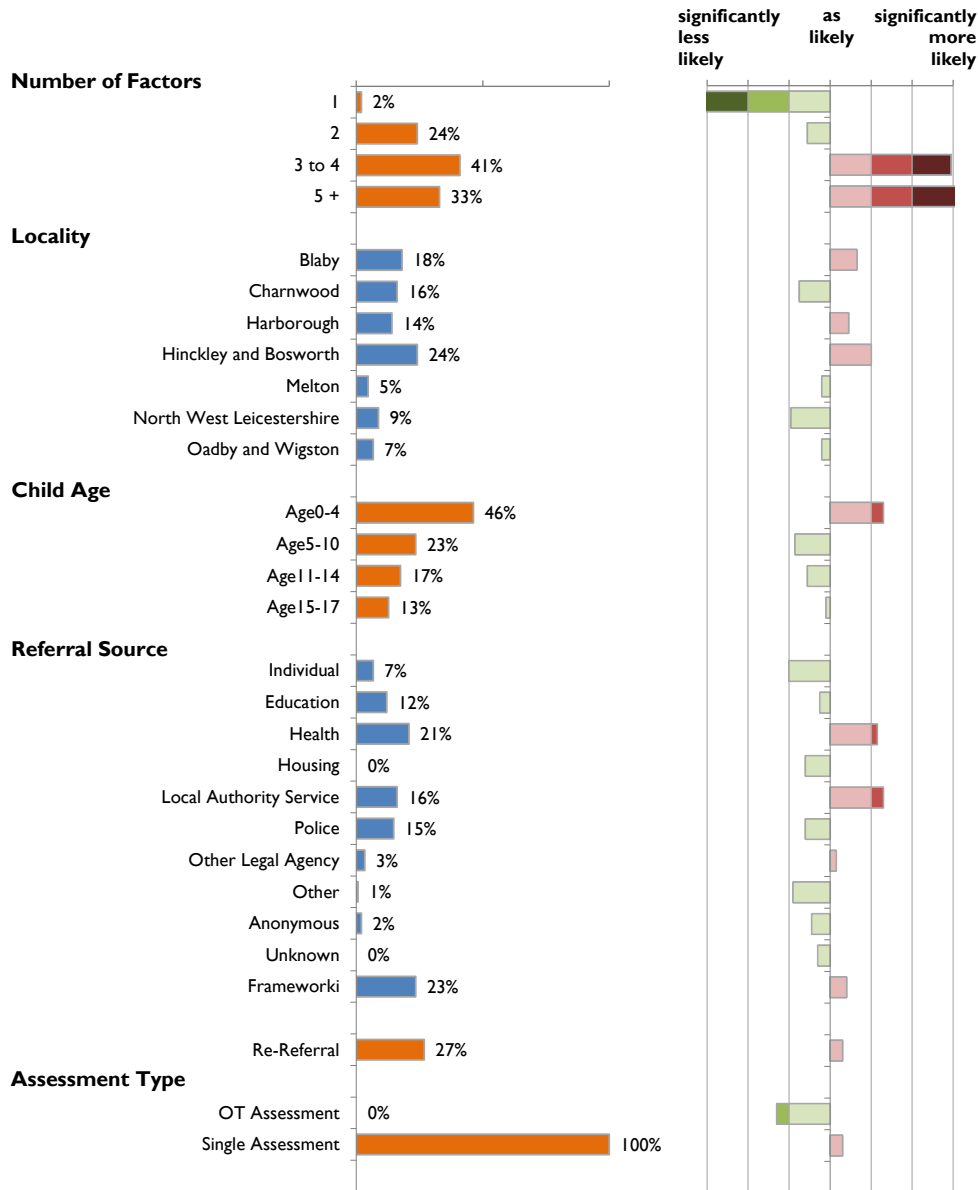


# Cluster 8 : Complex cases with concerns about abuse and neglect

## Cluster Characteristics

i) percentage of assessments in cluster

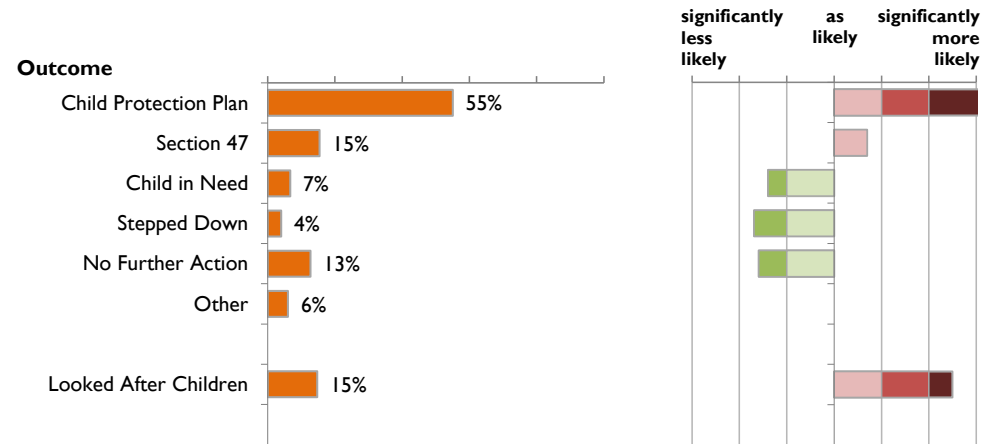
ii) significance of characteristic compared to other clusters



## Cluster Outcomes

i) percentage of assessments in cluster

ii) significance of outcome compared to other clusters



## Cluster Subgroups

Cluster 8a : Physical abuse, emotional abuse, parent with alcohol misuse and parent victim of domestic abuse

Cluster 8b : Abuse and neglect, issues affecting another individual

Cluster 8c : Abuse and neglect, issues affecting the parent