

# Street Cleansing Survey

## Report

### 2016-17

Version 0.0

Date: 30/05/2017

## Street cleansing survey report 2016-17

### Summary of key points

The 2016-17 results for the percentage of failing grades in each category were

- Litter 2.91%
- Detritus 4.47%
- Graffiti 0.78%
- Flyposting 0.14%

These measures conform to the definition of the former national indicator NI 195.

Overall street cleanliness<sup>1</sup> during 2016-2017, as measured by the street cleansing survey, declined slightly (-1.1%) when compared with results for 2015-2016 but remains better than observed in the 5 previous years. Within the overall decline there was a small improvement (0.6%) in detritus.

When comparing 2016-17 with 2015-16 the majority of land types showed an increase in the percentage of transects observed as failing with the highest increase being seen in non-main retail and commercial areas and the biggest improvement being in areas of industry and warehousing.

The number of wards with over 20% of observations failing to meet criteria remained the same as in 2015-2016 however the 2 wards identified changed from East Marsh and Freshney during 2015-16 to Heneage and Park during 2016-2017.

Street cleanliness declined in 7 wards with Heneage, Park and Yarborough having the proportion of failing transects increase by over 10 percentage points.

### Method

Streets are currently surveyed 3 times a year. The locations are chosen independently of the service and operatives survey areas other than those that they have day to day responsibility for. The survey methodology and interpretation is consistent with the former national indicator 195 with litter, detritus, graffiti and fly-posting being assessed separately for each transect chosen. The first 2 surveys of the year looked at around 300 locations each in line with the requirements of the old national indicator definition; for the final survey the service reduced the number of transects surveyed at around 100.

The survey sample is stratified by land use type, each survey aims to have around 10% of transects in each category so that they can be compared, this should be taken into account when considering levels of street cleanliness between wards.

A measure of overall street cleanliness has been defined as the percentage of transects with one or more observations of b- or below in any category

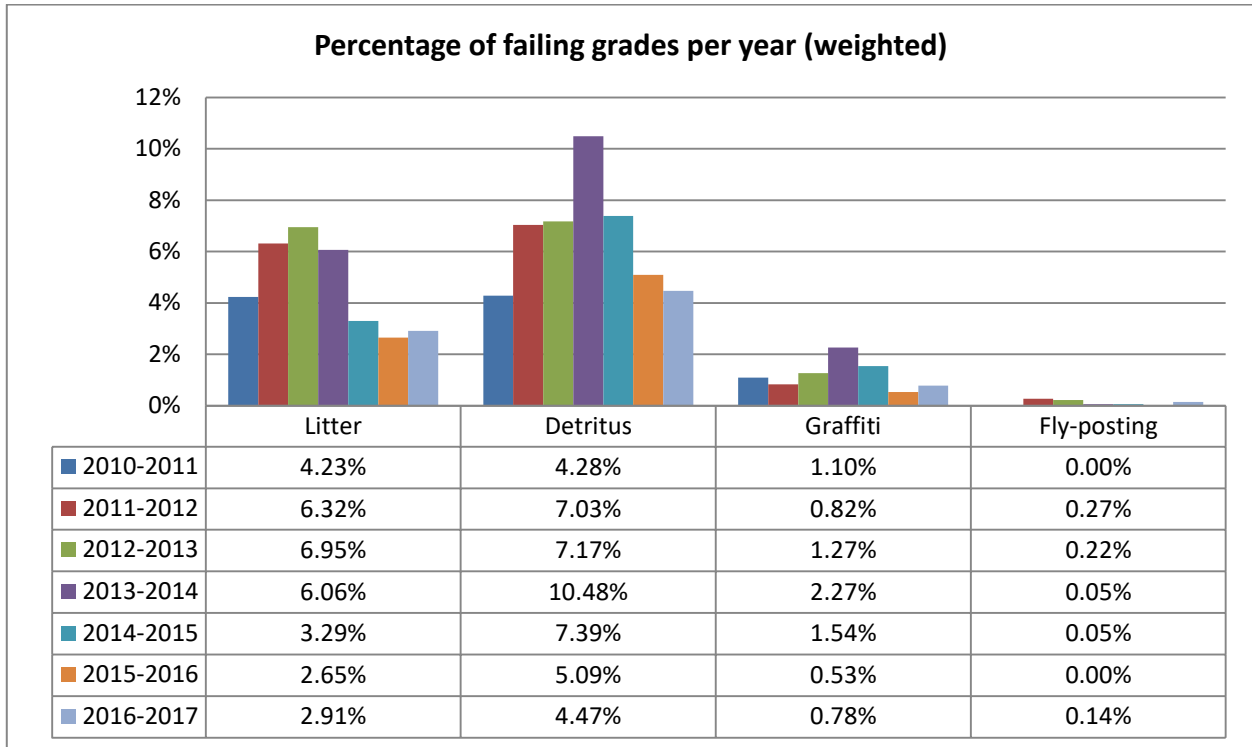
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<sup>1</sup> Transects failing under any category (b- and below)

## Detailed results

The result for 2016-17 combined surveys indicate an increase in transects assessed at a failing grade. Chart 1 shows a 7 year trend for each category assessed.

Chart 1: Percentage of failing grades per year (weighted)



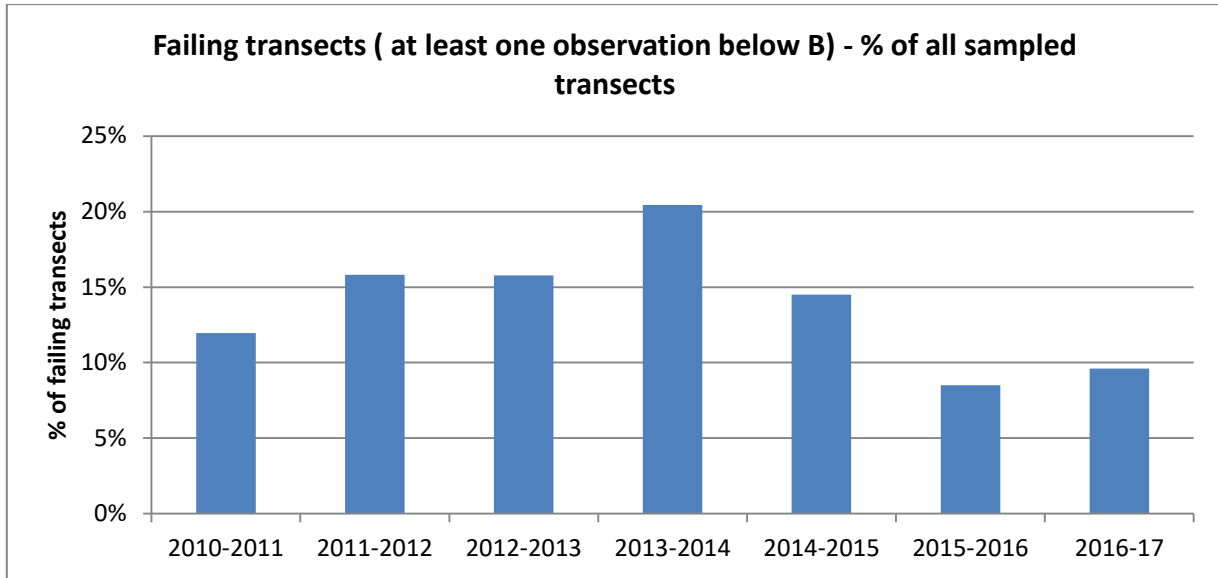
The 2016-17 results for the percentage of failing grades in each category were

- Litter 2.91%
- Detritus 4.47%
- Graffiti 0.78%
- Flyposting 0.14%

Overall street cleanliness during 2016-2017, as measured by the street cleansing survey, has declined slightly (-1.1%) when compared with results for 2015-2016 but remains better than observed in the 5 previous years. Within the overall slight decline a reduction in transects assessed as failing was achieved for detritus observations.

During 2016-17, over the authority as a whole, 9.6 % (68/705) of sample transects had **at least one** survey characteristic observed as falling below a 'b' grade compared with 8.5% (80/943) during 2015-16. Chart 2 shows the 6 year trend.

Chart 2: Failing transects as a percentage of all sampled transects per year.



### Survey transects by land use type

The table below contains a summary of survey results by land use type. Table 1 indicates the failure rates for 2015-16. All transects falling below a ‘B’ grade are counted as failing in this table. The percentage of all transects failing (out of all transects and land types) was under 2% in each category. The highest 4 areas of concern were:

- Detritus on in areas or high obstruction housing 1.56%
- Detritus in medium obstruction housing areas 1.28%
- Detritus on highways other than main roads 1.28%
- Litter in other ( than main) retail and commercial areas 1.28%

Table 1: Failing transects (B- and below un-weighted) 2016-17

Failing transects ( B- and below un-weighted)	Count				All transects per land type	% of all transects ( all land types)			
	Litter	Detritus	Graffiti	Flyposting		Litter	Detritus	Graffiti	Flyposting
High Obstruction Housing	4	11	2		81	0.57%	1.56%	0.28%	0.00%
Industry and Warehousing	6	4			68	0.85%	0.57%	0.00%	0.00%
Low Obstruction Housing		6			67	0.00%	0.85%	0.00%	0.00%
Main Retail and Commercial	2	1			60	0.28%	0.14%	0.00%	0.00%
Main Roads					73	0.00%	0.00%	0.00%	0.00%
Medium Obstruction Housing	2	9			79	0.28%	1.28%	0.00%	0.00%
Other Highways	4	9	3		72	0.57%	1.28%	0.43%	0.00%
Other Retail and Commercial	9	6			69	1.28%	0.85%	0.00%	0.00%
Recreation Areas	4	1			75	0.57%	0.14%	0.00%	0.00%
Rural Roads	1			1	61	0.14%	0.00%	0.00%	0.14%
<b>2016-17 total</b>	<b>32</b>	<b>47</b>	<b>5</b>	<b>1</b>	<b>705</b>	<b>4.54%</b>	<b>6.67%</b>	<b>0.71%</b>	<b>0.14%</b>

Each transect surveyed is judged against all four of the agreed criteria of litter, detritus, graffiti and flyposting separately. The results show:

- Observations of litter and detritus account for the majority (93%) of failing transects.
- Of the transects failing for detritus 32% (15 out of 47) also failed for litter.
- Observations of graffiti remain at a low level with 7 observations during 2016/17 compared to 6 the previous year.

Table 3 shows the distribution by land type for 2016-17 compared with the previous 3 years; results over 20% have been highlighted; no land types in 2016-17 met this threshold.

Table 2: Distribution of transects by land use observed as b- or below

Land type	% failing per land use type				2016-17		
	2013-2014	2014-2015	2015-2016	2016-2017	Count b- and below any	Sample size	% points change on 2015-2016
High Obstruction Housing	17.0%	6.5%	9.1%	16.0%	13	81	7%
Industry and Warehousing	27.7%	24.2%	25.6%	11.8%	8	68	-14%
Low Obstruction Housing	17.6%	16.1%	6.7%	9.0%	6	67	2%
Main Retail and Commercial	8.6%	7.0%	2.1%	3.3%	2	60	1%
Main Roads	21.1%	19.8%	8.4%	0.0%		73	-8%
Medium Obstruction Housing	6.2%	5.4%	11.3%	12.7%	10	79	1%
Other Highways	28.3%	22.2%	9.4%	15.3%	11	72	6%
Other Retail and Commercial	25.5%	16.3%	5.4%	15.9%	11	69	11%
Recreation Areas	21.3%	8.0%	2.2%	6.7%	5	75	4%
Rural Roads	33.7%	18.6%	4.5%	3.3%	2	61	-1%
<b>Grand Total</b>	<b>20.4%</b>	<b>14.5%</b>	<b>8.5%</b>	<b>9.6%</b>	<b>68</b>	<b>705</b>	<b>1.1%</b>

Data source: Street cleansing survey 2013/14 to 2016-17

When comparing 2016-17 with 2015-16 the majority of land types showed an increase in the percentage of transects observed as failing with the highest increase being seen in non-main retail and commercial areas and the biggest improvement being in areas of industry and warehousing.

### Survey transects by ward

Chart 3 below shows the distribution of observations rated b- or below across wards during 2016-17 with Heneage and Park showing the highest number of failing transects at 22 and 16 respectively. Of the number surveyed 46.8% of transects in Heneage and 30.8% of transects in Park failed.

Chart 3: Number of failing transects of those surveyed by ward 2016-17

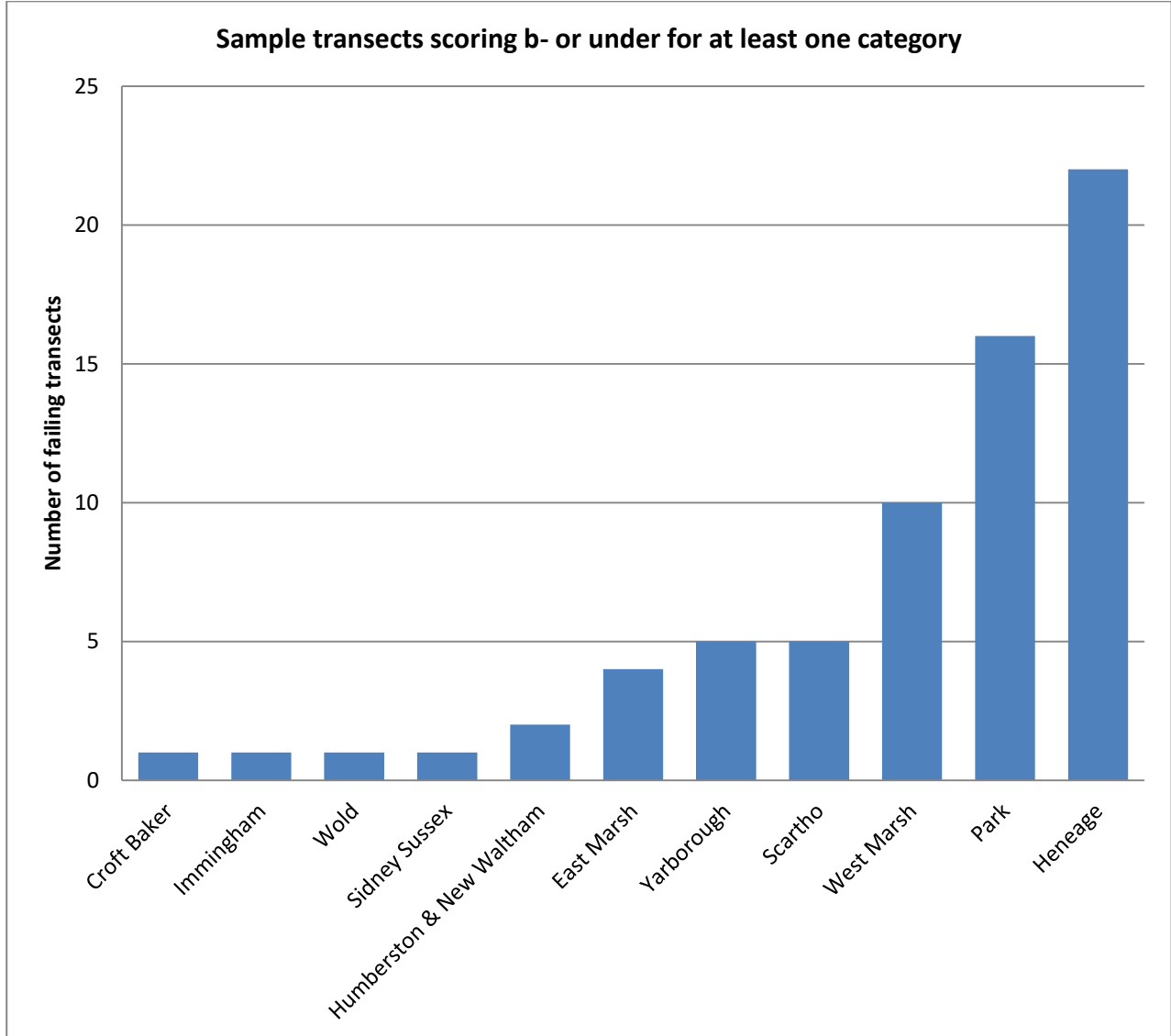


Table 3 shows the distribution by ward for 2016-2017 compared with the 3 previous years; results over 20% have been highlighted.

Table 3: Distribution of transects by ward observed as b- or below

Ward	% failing per ward				2016-2017		
	2013-2014	2014-2015	2015-2016	2016-2017	Count of b- and below any	Sample	% points change on 2015-16
Croft Baker	8.3%	7.0%	1.40%	3.6%	1	28	2%
East Marsh	13.9%	16.4%	30.10%	9.1%	4	44	-21%
Freshney	9.4%	13.3%	26.00%	0.0%		31	-26%
Haverstoe	9.3%	0.0%	11.30%	0.0%		34	-11%
Heneage	22.4%	24.6%	5.30%	46.8%	22	47	42%
Humberston & New Waltham	18.5%	10.9%	9.80%	3.1%	2	64	-7%
Immingham	49.2%	14.3%	10.60%	1.6%	1	63	-9%
Park	21.7%	15.0%	15.10%	30.8%	16	52	16%
Scartho			7.30%	11.9%	5	42	5%
Sidney Sussex	10.8%	16.0%	2.30%	3.7%	1	27	1%
South	31.4%	9.3%	0.00%	0.0%		32	0%
Waltham	9.4%	6.3%	0.00%	0.0%		50	0%
West Marsh	23.4%	9.3%	3.10%	11.8%	10	85	9%
Wolds	48.0%	33.0%	4.50%	1.4%	1	71	-3%
Yarborough	24.6%	2.6%	1.70%	14.3%	5	35	13%
<b>Grand Total</b>	<b>20.4%</b>	<b>6.8%</b>	<b>8.5%</b>	<b>9.6%</b>	<b>68</b>	<b>705</b>	<b>1.1%</b>

Data source: Street cleansing survey 2013/14 to 2016/17

The number of wards with over 20% of observations rated 'b-' or below decreased from 7 in 2013-14 to just 2 wards, Heneage and the Wolds, in 2014-15 and 2 wards, East Marsh and Freshney in 2015-16.

Comparing 2016/17 with 2015/16 there was an increase in transects observed as failing in 5 wards with East Marsh, Freshney and Haverstoe increasing by over 10 percentage points.