

Agenda Item 7



LINCOLNSHIRE WASTE PARTNERSHIP

3 MARCH 2022

SUBJECT :	Performance Measures Update (Best viewed/printed in colour due to charts)
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BACKGROUND INFORMATION

This is the latest in a series of regular updates on the suite of Key Performance Indicators (KPIs) which measure progress against the vision and objectives set out in the LWP's Joint Municipal Waste Management Strategy (JMWMS). These KPIs relate to four strategic themes:

- Waste Hierarchy – How we are prioritising waste minimisation and recycling
- Contamination – Recycling contamination rate (kerbside recyclables)
- Carbon – Overall LWP waste management carbon footprint (per head)
- Customer friendly – Satisfaction with waste collections / HWRCs

This report reflects that, whilst Covid-related restrictions are gradually being lifted, we are still receiving waste in different quantities and composition to pre-Covid, particularly in reduced throughput at Household Waste Recycling Centres. It is still not clear how much of that Covid impact is temporary, and to what extent we are now seeing a "new normal" (e.g. more working from home) which may continue in the longer term.

KEY PERFORMANCE INDICATORS (BY TOPIC)

Topic – Waste Hierarchy

Two KPIs have been agreed by the LWP:

- Recycling rate of "waste from households" (percentage); and
- Household Waste Collection (kilograms per household).

Performance against these is shown on the below charts as follows:

- Up to and including 2020/21 = Confirmed actual performance
- 2021/22 = Projections based on year to date (Apr to Dec) performance
- Targets = Agreed by LWP in November 2019 but may need reviewing in light of ongoing Covid impact

Chart 1 – Overall LWP performance

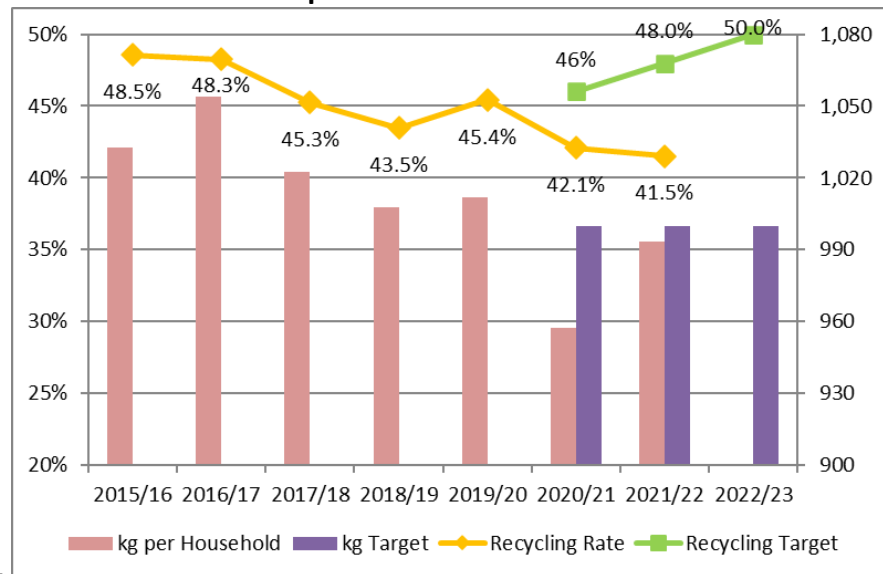
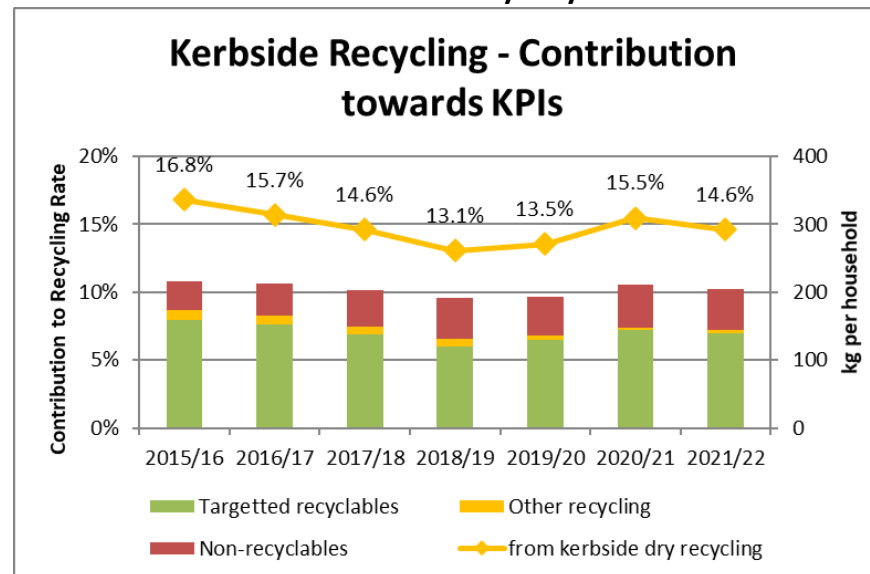


Chart 2 – Contribution of kerbside dry recyclables



Targetted recyclables = paper; card; plastic (bottles, pots, tubs, trays); metal cans; glass
 Other recyclables = other recycled plastics (film, rigid); other metals; small paper
 Non-recyclables = fines; other non-recycled material

Chart 3 – Contribution of composting

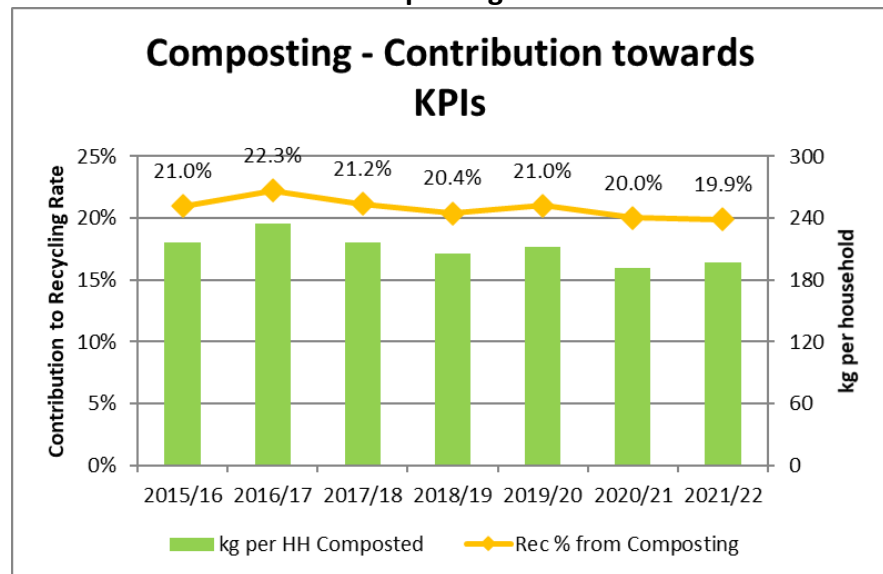
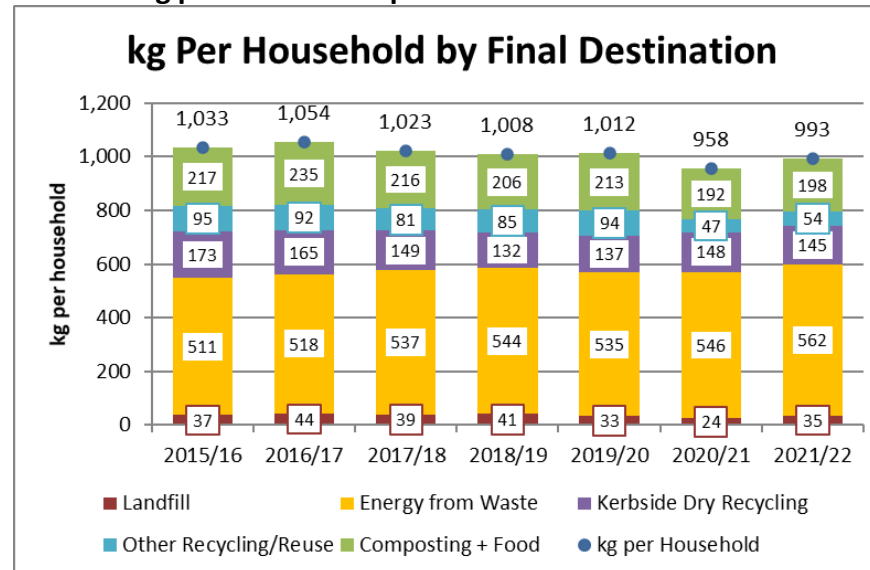


Chart 4 – kg per household split to show final destination



Recycling rate of “waste from households” (percentage)	
Overall (Chart 1)	2021/22 forecast is down on 2020/21 as we continue to see lower throughput, and thus less recycling, at HWRCs. Also, non-recyclable waste has increased, thus reducing recycling percentage. It may be necessary to consider how to address this (e.g. if items like electrical items which would be recyclable at HWRC are being lost to kerbside residual) and/or to amend targets to reflect this "new normal".
Kerbside Recycling (Chart 2)	The fall in % contribution to the recycling rate is largely due to an increase in overall waste tonnage whilst kerbside recycling remains steady.
Composting (Chart 3)	Composting is making a similar % contribution to 2020/21.

Household Waste Collection (kilograms per household)	
Overall (Chart 1)	We are forecasting an increase from 2020/21 but still lower overall than pre-Covid and better than our 1,000kg target.
Kerbside Recycling (Chart 2)	Kerbside recycling quantity remains steady, but we're collecting less non-recyclable contamination with it.
Composting (Chart 3)	Forecasted to be higher than 2020/21, although the general trend still seems to be downwards.
By Destination (Chart 4)	Overall we remain around our target of 1,000kg (i.e. 1 tonne) per household. <ul style="list-style-type: none"> • Landfill/EfW – Overall non-recycled quantity appears to be increasing, so we need to look into why. • Kerbside dry recycling – Forecast is similar to 2020/21. • Other recycling/reuse – HWRC throughput, including recyclables, continues to be lower than pre-Covid despite removing site restrictions. • Composting – Higher than 2020/21, although the trend still seems to be downwards.

Topic – Contamination

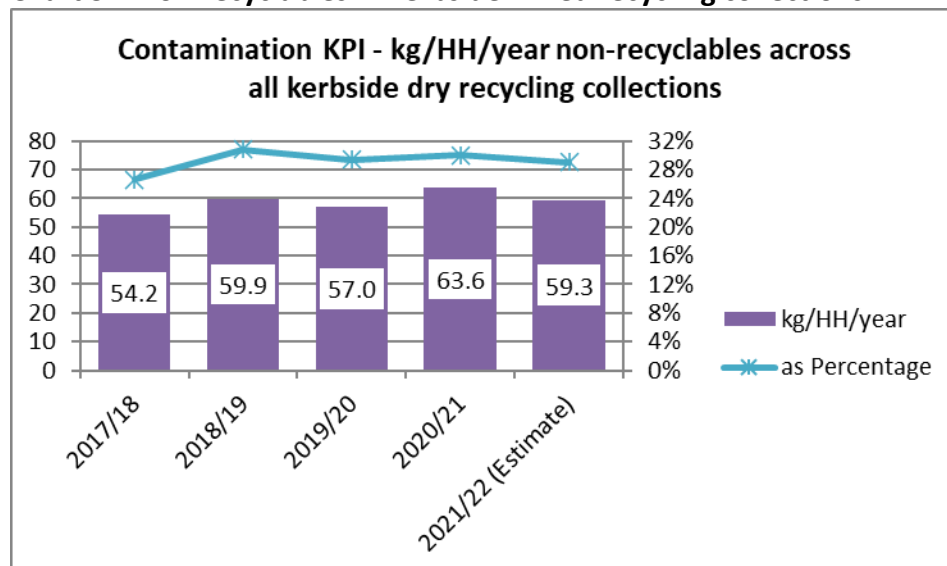
As reported previously, the new sampling station at Boston WTS will allow us to start to analyse in more detail:

- The differences between our various waste streams – e.g. the impact of twin-stream collections, and
- Exactly what non-recyclables are in the recycling collections – That will better enable us to tackle the biggest issues.

LCC are putting in place a schedule of regular sampling to ensure that we have enough data to establish the overall composition of all our dry recycling streams, including separate paper and card.

In the meantime, we have compiled the figures received from sampling by our MRF contractor of the mixed recyclables which we send them, and we have added to this the data from separate collections of paper and card where they have been introduced. The below chart shows this data both in kg per household and as a percentage of the total collected across mixed dry recycling and paper and card collections.

Chart 5 – Non-recyclables in kerbside mixed recycling collections



The overall contamination levels reported to us in our mixed dry recyclables (MDR) remain high. However, in areas where twin-stream collections have been introduced, not only are the new paper and card collections extremely clean, but the remaining MDR also contains less non-recyclable contamination. The above figures include both MDR and separate paper and card so that they properly reflect the reduced level of contamination across kerbside recyclables as a whole.

Topic – Carbon

Having previously been mothballed in order to focus on maintaining services during the pandemic, work has now resumed on assessing our carbon footprint and how best to reduce this. We have made contact with a number of councils with expertise in this area, and will report back soon on a proposed way forwards.

Partners also continue to work towards a reduced footprint – e.g. consideration of options for using sustainably-fuelled vehicles.

Topic – Customer-friendliness

We continue to make customer engagement a focus of our services, particularly in the rollout of twin-stream collections. This has included working with our Recycling Panel of residents and asking questions through the County Views survey.

However, with services currently in flux both because of Covid and the twin-stream rollout, it does not seem an appropriate time to undertake a survey to benchmark overall satisfaction levels.

RECOMMENDATIONS

That the LWP (on each theme):

1. Waste Hierarchy – Notes the charts and commentary provided.
2. Contamination – Notes the improved performance in twin-stream areas.
3. Carbon – Notes that this work has now resumed.
4. Customer-friendliness – Notes the comments made above.