

Environment & Regeneration

Waste & Recycling

Performance Report

Annual 2020/21

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## KEY PERFORMANCE INDICATORS & TRENDS

Local Authorities within Wales have been set statutory recycling targets of 64% by 2019/20 and 70% by 2024/25. Failure to meet these targets may result in Blaenau Gwent being issued a fine from Welsh Government at the rate of £200 per tonne for every tonne reported below the target level.

### PAM/030 – Percentage of waste, reused, recycled or composted

**Please note:** The following indicators are not the final version and may change following final validation by Natural Resources Wales (NRW).

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Dry Reuse	7.096	4.05	10.81	13.70	35.66
Dry Recycling	2838.928	3843.17	3598.77	4486.68	14767.55
Composting	1531.14	1618.55	1122.82	1133.50	5406.01
TMW	7041.17	8289.58	7504.56	8597.50	31432.81
Dry Reuse %	0.10%	0.05%	0.14%	0.16%	0.11%
Dry Recycling %	40.32%	46.36%	47.95%	52.19%	46.98%
Composting %	21.75%	19.53%	14.96%	13.18%	17.20%
Recycling Rate	<b>62.17%</b>	<b>65.94%</b>	<b>63.06%</b>	<b>65.53%</b>	<b>64.29%</b>
Wales Average	65.59%	68.39%	64.77%	65.87%	66.27%

Improvements were made during the year with the recycling rate increasing by 3.36 percentage points between Q1 and Q4, this was mainly due to an increase in dry recycling, a 1647.75 tonne difference between Q1 and Q4 (36.73% increase).

### Annual Comparison

	19/20	20/21	Difference
Dry Reuse	107.14	35.66	-71.48
Dry Recycling	15439.53	14767.55	-671.98
Composting	4857.20	5406.01	548.81
TMW	31243.87	31432.81	188.94
Dry Reuse %	0.34%	0.11%	-0.23
Dry Recycling %	49.42%	46.98%	-2.44
Composting %	15.55%	17.20%	1.65
Recycling Rate	65.31%	64.29%	-1.02

The annual comparison shows a decrease of 1.02 percentage points. The total municipal waste (TMW) figure has increased by 188.94 tonnes.

### PAM/043 – Kilograms of residual waste generated per person

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
<b>Total Residual Waste</b>	2664.006	2823.81	2772.16	2963.62	11223.59
<b>BGCBC Population*</b>	69615	69615	69615	69615	69615
<b>Kg per Person</b>	38.27	40.56	39.82	42.57	161.22

\*Sourced from Stats Wales 2018 based population projections

#### Annual Comparison

	19/20	20/21	Difference
<b>Total Residual Waste</b>	10839.83	11223.59	383.76
<b>BGCBC Population*</b>	69374	69615	241
<b>Kg per Person</b>	156.25	161.22	4.97

Residual Waste increased by 383.76 tonnes (3.42%) which has resulted in an increase of 4.97 kg's per person.

#### Percentage of waste sent to landfill

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
<b>Total Landfilled</b>	27.57	118.00	24.88	32.18	202.64
<b>TMW</b>	7041.17	8289.58	7504.56	8597.50	31432.81
<b>Landfill Rate</b>	0.4%	1.4%	0.3%	0.4%	0.6%

#### Annual Comparison

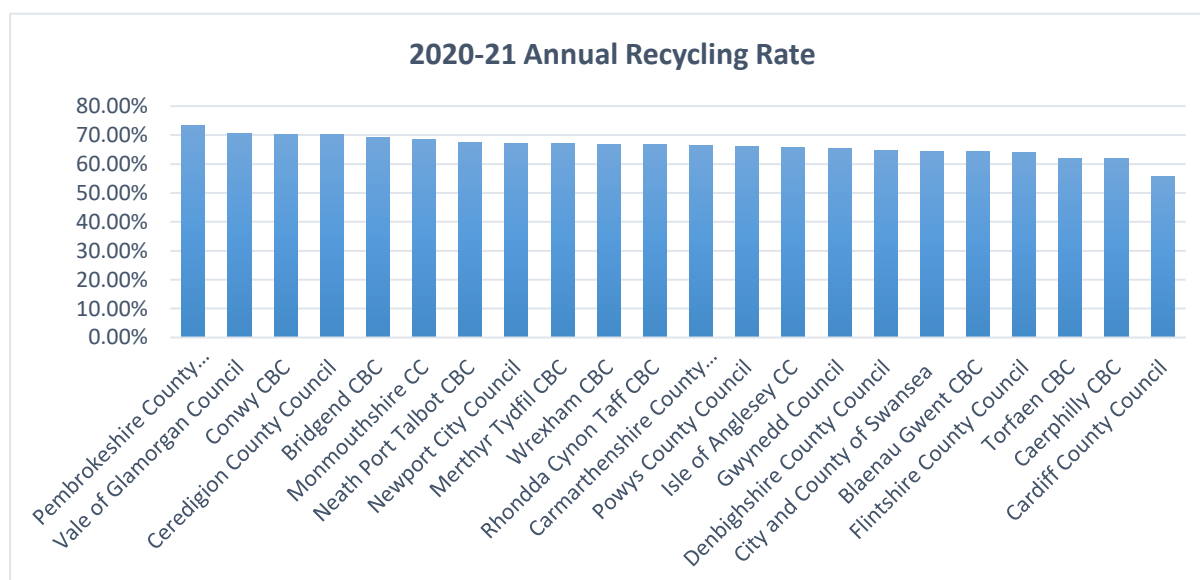
	19/20	20/21	Difference
<b>Total Landfilled</b>	102.44	202.64	100.2
<b>TMW</b>	31243.87	31432.81	188.94
<b>Landfill Rate</b>	0.3%	0.6%	0.3%

The amount of waste landfilled has increased by 100.20 (49.45%) tonnes since 2019/20, the reason for this is down to the material contractors as Blaenau Gwent doesn't send any waste direct to landfill.

## Local Authority Comparison

Annual – 2020/21

Local Authority	Q1	Q2	Q3	Q4	2020/21
1 Pembrokeshire County Council	73.29%	72.86%	73.09%	73.72%	73.22%
2 Vale of Glamorgan Council	70.01%	74.14%	67.62%	69.75%	70.59%
3 Conwy CBC	69.59%	73.93%	68.17%	68.36%	70.21%
4 Ceredigion County Council	67.36%	71.03%	69.05%	72.24%	70.21%
5 Bridgend CBC	67.59%	68.40%	66.63%	73.26%	69.15%
6 Monmouthshire CC	71.12%	67.75%	64.97%	70.25%	68.40%
7 Neath Port Talbot CBC	65.84%	68.26%	67.87%	68.10%	67.56%
8 Newport City Council	66.32%	68.92%	66.39%	67.12%	67.22%
9 Merthyr Tydfil CBC	65.92%	66.83%	67.29%	67.60%	66.95%
10 Wrexham CBC	68.89%	71.02%	60.59%	65.64%	66.86%
11 Rhondda Cynon Taff CBC	66.34%	70.37%	70.01%	60.68%	66.74%
12 Carmarthenshire County Council	66.24%	66.71%	65.02%	66.99%	66.25%
13 Powys County Council	66.17%	64.97%	62.67%	70.73%	66.06%
14 Isle of Anglesey CC	67.07%	69.94%	63.44%	61.44%	65.71%
15 Gwynedd Council	67.25%	68.92%	62.84%	62.22%	65.47%
16 Denbighshire County Council	61.08%	69.89%	64.08%	62.89%	64.83%
17 City and County of Swansea	64.70%	66.57%	63.60%	62.90%	64.49%
18 Blaenau Gwent CBC	62.17%	65.94%	63.06%	65.53%	64.29%
19 Flintshire County Council	66.28%	68.69%	60.80%	59.37%	63.98%
20 Torfaen CBC	64.25%	65.49%	59.86%	58.03%	62.00%
21 Caerphilly CBC	61.86%	64.17%	59.53%	61.90%	61.92%
22 Cardiff County Council	43.67%	59.83%	58.36%	60.51%	55.79%



## Local Authority Comparison

### Annual Comparison – Dry Recycling Only

	Local Authority	Recycling Rate
1	Ceredigion County Council	51.77%
2	Rhondda Cynon Taff CBC	51.57%
3	Neath Port Talbot CBC	50.41%
4	Merthyr Tydfil CBC	49.67%
5	Caerphilly CBC	49.49%
6	Bridgend CBC	48.43%
7	Wrexham CBC	47.10%
8	Blaenau Gwent CBC	46.98%
9	Carmarthenshire County Council	45.23%
10	Newport City Council	45.21%
11	Pembrokeshire County Council	44.52%
12	Gwynedd Council	44.07%
13	Flintshire County Council	42.81%
14	Conwy CBC	42.42%
15	Torfaen CBC	42.28%
16	Vale of Glamorgan Council	41.97%
17	Monmouthshire CC	41.65%
18	Powys County Council	41.10%
19	Denbighshire County Council	40.78%
20	City and County of Swansea	40.57%
21	Isle of Anglesey CC	36.88%
22	Cardiff County Council	36.72%

Blaenau Gwent is ranked 8<sup>th</sup> out of the 22 local authorities when comparing dry recycling only across Wales for 20/21

### Annual Comparison – Composting Only

	Local Authority	Recycling Rate
1	Isle of Anglesey CC	28.81%
2	Vale of Glamorgan Council	27.98%
3	Pembrokeshire County Council	27.96%
4	Conwy CBC	26.92%
5	Monmouthshire CC	25.36%
6	City and County of Swansea	23.92%
7	Denbighshire County Council	23.39%
8	Powys County Council	22.78%
9	Newport City Council	21.60%
10	Gwynedd Council	20.91%
11	Carmarthenshire County Council	20.61%
12	Flintshire County Council	20.47%
13	Bridgend CBC	19.94%
14	Wrexham CBC	19.32%
15	Torfaen CBC	19.16%
16	Cardiff County Council	18.77%
17	Ceredigion County Council	17.88%
18	Blaenau Gwent CBC	17.20%
19	Neath Port Talbot CBC	17.11%
20	Merthyr Tydfil CBC	16.39%
21	Rhondda Cynon Taff CBC	14.76%
22	Caerphilly CBC	12.28%

Blaenau Gwent is ranked 18<sup>th</sup> out of the 22 local authorities when comparing composting only across Wales for 20/21

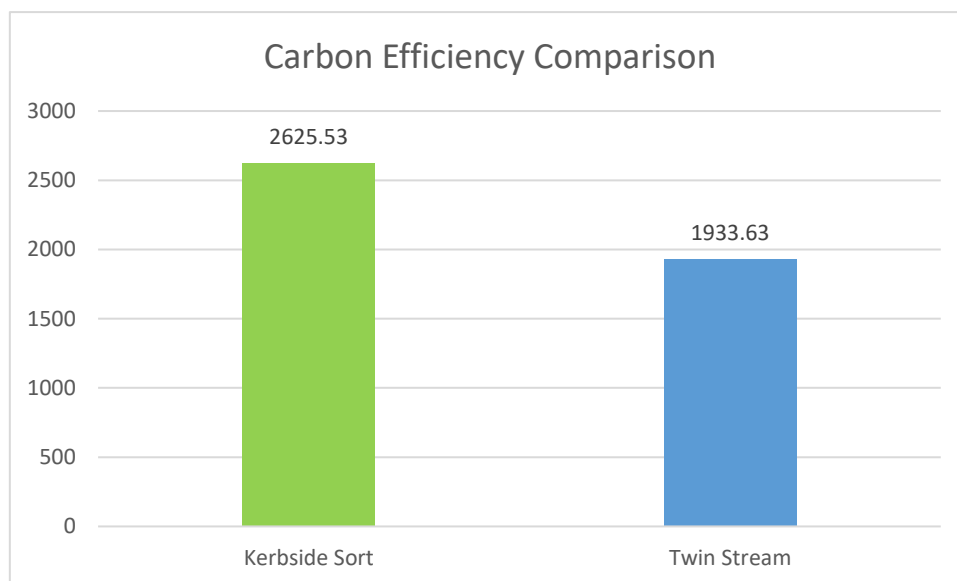
## Carbon Efficiency Comparison

A WRAP issued report entitled “The Climate Change impacts of Recycling Services in Wales” documented the increased carbon benefit of a kerbside sort collection service when compared to a Twin Stream (Co-mingled) collection service.

The report produced the following assumptions;

- 10,000 tonnes of material collected via Kerbside Sort = 2569 tonnes CO<sub>2</sub>e Carbon benefit
- 10,000 tonnes of material collected via Twin Stream = 1892 tonnes CO<sub>2</sub>e Carbon benefit

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	19/20
Collected recycling tonnage	2581.77	2455.868	2436.824	2745.572	10220.034
CO <sub>2</sub> e Carbon Benefit – Kerbside Sort	663.26	630.91	626.02	705.34	2625.53
CO <sub>2</sub> e Carbon Benefit – Twin Stream	488.47	464.65	461.05	519.46	1933.63
Difference	174.79	166.26	164.97	185.88	691.90



## Collected Material Data Analysis

In October 2015, Blaenau Gwent County Borough Council made a service change which included moving to a weekly kerbside sort recycling collection and a three-weekly residual collection.

A dedicated weekly Absorbent Hygiene Products (AHP) was also introduced in January 2017, which required residents to subscribe to the service.

Residual side waste enforcement and a strict black bag sorting policy at the HWRC were introduced during June 2018 to encourage residents to recycle more of their waste.

In September 2019 the “Keeping up with the Jones’s” campaign was rolled out across the borough to encourage residents to recycle more of their waste.

### Residual Waste

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
<b>Kerbside</b>	2921.741	2768.797	2684.745	2774.269	11149.552
<b>HWRC</b>	1.455	151.184	155.332	213.826	521.797
<b>Cleansing</b>	116.556	207.145	228.568	239.784	792.053
<b>Commercial</b>	182.651	167.998	162.903	169.626	683.178
<b>Total</b>	3222.403	3295.124	3231.548	3397.505	13146.580

### Annual Comparison

	19/20	20/21	Difference
<b>Kerbside</b>	9799.549	11149.552	1350.003
<b>HWRC</b>	783.191	521.797	-261.394
<b>Cleansing</b>	699.738	792.053	92.315
<b>Commercial</b>	594.270	683.178	88.908
<b>Total</b>	11876.748	13146.580	1269.832

Overall Residual waste increased by 1269.832 tonnes (10.69%) individual service areas listed below

- Kerbside Residual Waste increased by 1350.003 tonnes (13.78%)
- HWRC Residual Waste decreased by 261.394 tonnes (33.38%)
- Cleansing Residual Waste increased by 92.315 tonnes (13.19%)
- Commercial Residual Waste increased by 88.908 tonnes (14.96%)



### Kerbside Recycling

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Paper	173.680	181.160	179.994	173.612	708.446
Cardboard	419.720	450.280	467.180	595.160	1932.340
Mixed Glass	657.060	514.680	479.220	588.120	2239.080
Mixed Plastics	215.840	325.200	224.940	273.840	1039.820
Steel Cans	106.000	52.540	82.500	85.040	326.080
Aluminium Cans	76.000	58.888	62.760	64.620	262.268
Aerosols	7.980	9.500	10.080	10.480	38.040
SDA's	0.000	0.000	0.000	0.000	0.000
Textiles	5.830	4.960	3.400	3.910	18.100
<b>Total</b>	1662.11	1597.208	1510.074	1794.782	6564.174

### Annual Comparison

	19/20	20/21	Difference
Paper	841.630	708.446	-133.184
Cardboard	1413.960	1932.340	518.38
Mixed Glass	1538.460	2239.080	700.62
Mixed Plastics	788.720	1039.820	251.1
Steel Cans	242.630	326.080	83.45
Aluminium Cans	201.588	262.268	60.68
Aerosols	23.060	38.040	14.98
SDA's	30.700	0.000	-30.7
Textiles	9.660	18.100	8.44
<b>Total</b>	5090.408	6564.174	1473.766

Overall Kerbside recycling increased by 1473.766 tonnes (28.95%) individual streams listed below.

- Kerbside Paper recycling decreased by 133.184 tonnes (15.82%)
- Kerbside Cardboard recycling increased by 518.38 tonnes (36.66%)
- Kerbside Mixed Glass recycling increased by 700.62 tonnes (45.54%)
- Kerbside Mixed Plastics recycling increased by 251.10 tonnes (31.84%)
- Kerbside Steel Cans recycling increased by 83.45 tonnes (34.39%)
- Kerbside Aluminium Cans recycling increased by 60.68 tonnes (30.10%)
- Kerbside Aerosol recycling increased by 14.98 tonnes (64.96%)
- Kerbside Small Domestic Appliances (SDA's) decreased by 30.7 tonnes (100%)
- Kerbside Textiles increased by 8.44 tonnes (87.37%)

## Kerbside Composting

### Food Waste

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Food - Kerbside	919.660	858.660	926.750	950.790	3655.860
Food – Trade	6.420	18.040	28.740	17.460	70.660
<b>Total</b>	926.08	876.7	955.49	968.25	3726.52

### Annual Comparison

	19/20	20/21	Difference
Food - Kerbside	3099.610	3655.860	556.25
Food – Trade	125.840	70.660	-55.18
<b>Total</b>	3225.45	3726.52	501.07

Overall Food waste increased by 501.07 tonnes (15.53%) individual service areas listed below

- Kerbside Food Waste increased by 556.25 tonnes (17.95%)
- Commercial Food Waste decreased by 55.18 tonnes (43.85%)

### Garden Waste

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Garden – Kerbside	570.076	661.599	130.942	118.440	1481.057
Garden – HWRC	12.717	32.604	10.091	21.867	77.279
Garden – Commercial	23.181	47.331	34.927	33.110	138.549
Garden - Other	13.907	14.386	6.661	7.322	42.276
<b>Total</b>	619.881	755.92	182.621	180.739	1739.161

### Annual Comparison

	19/20	20/21	Difference
Garden – Kerbside	1280.891	1481.057	200.166
Garden – HWRC	264.184	77.279	-186.905
Garden – Commercial	119.876	138.549	18.673
Garden - Other	54.196	42.276	-11.92
<b>Total</b>	1719.147	1739.161	20.014

Overall Garden waste increased by 20.014 tonnes (1.16%) individual service areas listed below

- Kerbside Garden Waste increased by 200.166 tonnes (15.63%)
- HWRC Garden Waste decreased by 186.905 tonnes (70.75%)
- Commercial Garden Waste increased by 18.673 tonnes (15.58%)
- “Other” Garden Waste decreased by 11.92 tonnes (21.99%)

## HWRC Recycling / Reuse

### HWRC Recycling

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Sheet Glass	4.540	0.000	0.000	0.000	4.540
Cardboard	0.000	13.560	13.000	26.760	53.320
Hard Plastics	18.380	29.220	17.780	22.860	88.240
Scrap Wood	81.360	266.300	290.760	300.280	938.700
Inert	83.160	264.750	164.710	803.710	1316.330
Plasterboard	0.000	0.000	12.940	29.660	42.600
Scrap Metal	10.500	48.340	21.770	48.380	128.990
Paint	0.000	10.850	8.750	9.100	28.700
UPVC	0.000	2.000	0.000	1.000	3.000
WEEE (Cold)	14.325	34.995	26.163	26.250	101.733
WEEE (SDA)	17.680	32.420	27.000	32.240	109.340
WEEE (LDA)	0.000	5.400	1.980	6.640	14.020
WEEE (CRT)	1.200	10.166	6.843	8.080	26.289
WEEE (Fluorescent Tubes)	0.369	0.000	0.000	0.220	0.589
WEEE (Batteries - Household)	0.120	2.140	0.246	0.169	2.675
WEEE (Batteries - Automotive)	0.000	0.000	0.000	0.000	0.000
Mattresses	0.000	13.640	18.300	37.260	69.200
Carpets	0.000	56.360	41.140	0.000	97.500
Cooking Oil	0.000	0.000	0.000	0.200	0.200
Tyres	1.580	2.500	0.000	2.520	6.600
<b>Total</b>	<b>233.214</b>	<b>792.641</b>	<b>651.382</b>	<b>1355.329</b>	<b>3032.566</b>

## Annual Comparison

	19/20	20/21	Difference
Sheet Glass	18.340	4.540	-13.8
Cardboard	164.300	53.320	-110.98
Hard Plastics	202.900	88.240	-114.66
Scrap Wood	1314.104	938.700	-375.404
Inert	2913.870	1316.330	-1597.54
Plasterboard	112.860	42.600	-70.26
Scrap Metal	206.560	128.990	-77.57
Paint	13.650	28.700	15.05
UPVC	8.000	3.000	-5
WEEE (Cold)	108.590	101.733	-6.857
WEEE (SDA)	137.480	109.340	-28.14
WEEE (LDA)	39.300	14.020	-25.28
WEEE (CRT)	47.430	26.289	-21.141
WEEE (Fluorescent Tubes)	0.366	0.589	0.223
WEEE (Batteries - Household)	2.598	2.675	0.077
WEEE (Batteries - Automotive)	1.820	0.000	-1.82
Mattresses	88.680	69.200	-19.48
Carpets	268.180	97.500	-170.68
Cooking Oil	1.600	0.200	-1.4
Tyres	10.440	6.600	-3.84
<b>Total</b>	<b>5661.068</b>	<b>3032.566</b>	<b>-2628.502</b>

Overall HWRC Recycling has decreased by 2628.502 tonnes (46.43%) individual waste streams listed below

- Sheet Glass recycling decreased by 13.8 tonnes (75.25%)
- Cardboard recycling decreased by 110.98 tonnes (67.55%)
- Hard Plastics recycling decreased by 114.66 tonnes (56.51%)
- Scrap Wood recycling decreased by 375.404 tonnes (28.57%)
- Inert recycling decreased by 1597.54 tonnes (54.83%)
- Plasterboard recycling decreased by 70.26 tonnes (62.25%)
- Scrap metal recycling decreased by 77.57 tonnes (37.55%)
- Paint recycling increased by 15.05 tonnes (110.26%)
- UPVC recycling decreased by 5 tonnes (62.50%)
- WEEE (Cold) recycling decreased by 6.857 tonnes (6.31%)
- WEEE (SDA) recycling decreased by 28.14 tonnes (20.47%)
- WEEE (LDA) recycling decreased by 25.28 tonnes (64.33%)
- WEEE (Fluorescent tubes) recycling increased by 0.223 tonnes (60.93%)
- WEEE (Batteries Household) recycling increased by 0.077 tonnes (2.96%)
- WEEE (Batteries Automotive) recycling decreased by 1.82 tonnes (100%)
- Mattresses recycling decreased by 19.48 tonnes (21.97%)
- Carpets recycling decreased by 170.68 tonnes (63.64%)
- Cooking Oil decreased by 1.4 tonnes (87.50%)
- Tyres recycling decreased by 3.84 tonnes (36.78%)

## HWRC Reuse

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
<b>Textiles</b>	0.000	0.000	5.420	6.360	11.780
<b>Media</b>	1.266	3.810	2.595	3.670	11.341
<b>Gas Bottles</b>	0.000	0.240	2.807	3.682	6.729
<b>Total</b>	1.266	4.050	10.822	13.712	29.850

## Annual Comparison

	19/20	20/21	Difference
<b>Textiles</b>	64.570	11.780	-52.79
<b>Media</b>	17.108	11.341	-5.767
<b>Gas Bottles</b>	15.936	6.729	-9.207
<b>Total</b>	97.614	29.850	-67.764

Overall HWRC reuse have decreased by 67.764 tonnes (69.42%) individual waste streams listed below

- Textiles reuse decreased by 52.79 tonnes (81.76%)
- Media reuse decreased by 5.767 tonnes (33.71%)
- Gas Bottles reuse decreased by 9.207 tonnes (57.77%)

## Commercial & Industrial Recycling

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Highways Inert	100.000	300.000	320.000	160.000	880.000
Trade Recycling	47.360	73.760	82.720	65.540	269.380
Street Lighting Bulbs	0	0	0	22.55	22.55
<b>Total</b>	147.36	373.76	402.72	248.09	1171.93

### Annual Comparison

	19/20	20/21	Difference
Highways Inert	1300.00	880.000	-420
Trade Recycling	399.58	269.380	-130.2
Street Lighting Bulbs	0	22.55	22.55
<b>Total</b>	1699.58	1171.93	-527.65

Overall Commercial & Recycling tonnages decreased by 527.65 tonnes (31.05%) individual service areas listed below

- Highways Inert decreased by 420 tonnes (32.31%)
- Trade Recycling decreased by 130.20 tonnes (32.58%)
- Street Lighting Bulbs increased by 22.55 tonnes

## Other Materials

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
AHP	171.960	155.760	152.260	175.260	655.24
Road Sweepings	56.900	438.420	407.640	463.830	1366.79
<b>Total</b>	228.86	594.18	559.9	639.09	2022.03

### Annual Comparison

	19/20	20/21	Difference
AHP	553.24	655.24	102
Road Sweepings	1341.5	1366.79	25.29
<b>Total</b>	1894.74	2022.03	127.29

Overall "Other Materials" tonnages have increased by 127.29 tonnes (6.72%) individual material breakdown listed below

- Absorbent Hygiene Products (AHP) tonnages have increased by 102 tonnes (18.44%)
- Road Sweeping tonnages have increased by 25.29 tonnes (1.89%)

## Residual / Recycling Round Data

### Residual Round Data

#### Round 1 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	162.86	154.88	203.20	219.80	740.74
Tuesday	163.52	192.54	175.26	243.98	775.30
Wednesday	174.72	173.36	220.70	227.338	796.118
Thursday	142.98	154	186.70	173.96	657.64
<b>Total</b>	644.08	674.78	785.86	865.078	2969.798

### Annual Comparison

Day	19/20	20/21	Difference
Monday	839.04	740.74	-98.3
Tuesday	826.78	775.30	-51.48
Wednesday	765.58	796.118	30.538
Thursday	685.62	657.64	-27.98
<b>Total</b>	3117.02	2969.798	-147.222

Overall the annual comparison shows Residual Round 1 has decreased by 147.222 tonnes (4.72%)

#### Round 2 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	147.5	166.22	145.16	169.66	628.54
Tuesday	171.84	164.22	161.02	153.06	650.14
Wednesday	181.60	167.18	135.48	197.51	681.77
Thursday	153.68	156.98	152.42	166.48	629.56
<b>Total</b>	654.62	654.6	594.08	686.71	2590.01

### Annual Comparison

Day	19/20	20/21	Difference
Monday	688.80	628.54	-60.26
Tuesday	704.64	650.14	-54.5
Wednesday	676.78	681.77	4.99
Thursday	649.62	629.56	-20.06
<b>Total</b>	2719.84	2590.01	-129.83

Overall the annual comparison shows Residual Round 2 has decreased by 129.83 tonnes (4.77%)

### Round 3 (Included Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	147.76	131.40	148.576	166.27	594.006
Tuesday	190.44	181.12	161.20	177.36	710.12
Wednesday	143.54	168.70	146.74	168.60	627.58
Thursday	137.52	122.06	131.49	146.70	537.77
<b>Total</b>	619.26	603.28	588.006	658.93	2469.476

### Annual Comparison

Day	19/20	20/21	Difference
Monday	703.54	594.006	-109.534
Tuesday	797.96	710.12	-87.84
Wednesday	669.32	627.58	-41.74
Thursday	538.80	537.77	-1.03
<b>Total</b>	2709.62	2469.476	-240.144

Overall the annual comparison shows Residual Round 3 has decreased by 240.144 tonnes (8.86%)

### Round 4 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	46.46	43.24	62.86	72.14	224.70
Tuesday	53.67	48.10	79.64	71.04	252.45
Wednesday	84.84	75.84	106.84	122.73	390.25
Thursday	79.58	75.80	134.98	110.328	400.688
<b>Total</b>	264.55	242.98	384.32	376.238	1268.088

### Annual Comparison

Day	19/20	20/21	Difference
Monday	253.67	224.70	-28.97
Tuesday	262.80	252.45	-10.35
Wednesday	408.26	390.25	-18.01
Thursday	393.50	400.688	7.188
<b>Total</b>	1318.23	1268.088	-50.142

Overall the annual comparison shows Residual Round 4 has decreased by 50.142 tonnes (3.80%)



## Recycling Round Data

### Recycling Round 1 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	28.78	29.28	33.04	47.50	138.60
Tuesday	46.70	42.04	46.44	54.68	189.86
Wednesday	29.08	34.24	40.82	45.72	149.86
Thursday	27.58	23.46	34.40	38.16	123.60
Friday	30.94	22.58	25.28	29.82	111.94
<b>Total</b>	163.08	151.6	179.98	215.88	713.86

### Annual Comparison

Day	19/20	20/21	Difference
Monday	135.88	138.60	2.72
Tuesday	183.64	189.86	6.22
Wednesday	139.94	149.86	9.92
Thursday	135.30	123.60	-11.7
Friday	118.36	111.94	-6.42
<b>Total</b>	713.12	713.86	0.74

Overall the annual comparison shows Recycling Round 1 has increased by 0.74 tonnes (0.10%)

### Recycling Round 2 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	39.98	34.52	49.08	54.38	177.96
Tuesday	35.20	30.70	44.46	42.30	155.70
Wednesday	31.46	37.76	55.07	53.38	177.67
Thursday	34.16	31.40	42.88	37.92	146.36
Friday	34.84	30.66	36.44	46.92	148.86
<b>Total</b>	175.64	165.04	227.93	234.9	806.55

### Annual Comparison

Day	19/20	20/21	Difference
Monday	161.88	177.96	16.08
Tuesday	163.10	155.70	-7.4
Wednesday	168.06	177.67	9.61
Thursday	140.70	146.36	5.66
Friday	149.94	148.86	-1.08
<b>Total</b>	783.68	806.55	22.87

Overall the annual comparison shows Recycling Round 2 has increased by 22.87 tonnes (2.92%)

### Recycling Round 3 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	30.30	26.86	49.72	49.87	156.75
Tuesday	43.86	34.28	40.52	47.62	166.28
Wednesday	39.72	27.02	35.82	40.92	143.48
Thursday	34.62	32.20	51.66	54.46	173.04
Friday	25.24	15.68	21.66	28.00	90.58
<b>Total</b>	173.74	136.04	199.38	220.87	730.13

### Annual Comparison

Day	19/20	20/21	Difference
Monday	144.04	156.75	12.71
Tuesday	177.34	166.28	-11.06
Wednesday	136.78	143.48	6.7
Thursday	156.92	173.04	16.12
Friday	120.52	90.58	-29.94
<b>Total</b>	735.60	730.13	-5.47

Overall the annual comparison shows Recycling Round 3 has decreased by 5.47 tonnes (0.74%)

### Recycling Round 4 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	35.16	30.76	44.06	46.00	155.98
Tuesday	40.98	31.30	44.40	48.34	165.02
Wednesday	40.50	31.92	42.56	43.42	158.40
Thursday	33.2	30.06	46.42	38.74	148.42
Friday	28.30	24.58	28.60	31.62	113.10
<b>Total</b>	178.14	148.62	206.04	208.12	740.92

### Annual Comparison

Day	19/20	20/21	Difference
Monday	151.54	155.98	4.44
Tuesday	169.62	165.02	-4.6
Wednesday	120.30	158.40	38.1
Thursday	150.84	148.42	-2.42
Friday	131.30	113.10	-18.2
<b>Total</b>	723.60	740.92	17.32

Overall the annual comparison shows Recycling Round 4 has increased by 17.32 tonnes (2.39%)

### Recycling Round 5 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	32.06	40.82	52.16	53.38	178.42
Tuesday	32.72	34.70	54.94	59.54	181.90
Wednesday	40.51	40.28	53.64	59.30	193.73
Thursday	28.46	40.68	47.06	43.78	159.98
Friday	30.66	21.78	32.86	40.42	125.72
<b>Total</b>	164.41	178.26	240.66	256.42	839.75

### Annual Comparison

Day	19/20	20/21	Difference
Monday	178.512	178.42	-0.092
Tuesday	193.60	181.90	-11.7
Wednesday	167.16	193.73	26.57
Thursday	152.50	159.98	7.48
Friday	143.12	125.72	-17.4
<b>Total</b>	834.892	839.75	4.858

Overall the annual comparison shows Recycling Round 5 has increased by 4.858 tonnes (0.58%)

### Recycling Round 6 (Includes Support Vehicle) \* Missing July Data

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	41.14	9.56	37.54	54.66	142.9
Tuesday	44.22	15.24	41.42	49.36	150.24
Wednesday	34.28	18.86	25.42	37.00	115.56
Thursday	34.04	16.20	34.32	39.44	124
Friday	29.82	26.02	28.82	42.54	127.2
<b>Total</b>	183.5	85.88	167.52	223	659.9

### Annual Comparison

Day	19/20	20/21	Difference
Monday	164.00	142.9	-21.1
Tuesday	171.86	150.24	-21.62
Wednesday	128.74	115.56	-13.18
Thursday	142.94	124	-18.94
Friday	148.14	127.2	-20.94
<b>Total</b>	755.68	659.9	-95.78

Overall the annual comparison shows Recycling Round 6 has decreased by 95.78 tonnes (12.67%)

### Recycling Round 7 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	35.38	41.88	47.82	42.04	167.12
Tuesday	32.68	35.84	39.60	46.50	154.62
Wednesday	36.64	45.40	49.32	48.868	180.228
Thursday	37.72	35.82	49.26	48.642	171.442
Friday	24.42	17.94	31.14	33.88	107.38
<b>Total</b>	166.84	176.88	217.14	219.93	780.79

### Annual Comparison

Day	19/20	20/21	Difference
Monday	171.80	167.12	-4.68
Tuesday	163.76	154.62	-9.14
Wednesday	128.42	180.228	51.808
Thursday	153.90	171.442	17.542
Friday	123.39	107.38	-16.01
<b>Total</b>	741.27	780.79	39.52

Overall the annual comparison shows Recycling Round 7 has increased by 39.52 tonnes (5.33%)

### Recycling Round 8 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	36.24	36.24	40.86	44.88	158.22
Tuesday	37.90	35.54	45.10	47.00	165.54
Wednesday	39.68	36.62	39.26	46.52	162.08
Thursday	27.16	31.10	50.16	44.34	152.76
Friday	28.38	29.52	27.86	36.74	122.50
<b>Total</b>	169.36	169.02	203.24	219.48	761.1

### Annual Comparison

Day	19/20	20/21	Difference
Monday	134.86	158.22	23.36
Tuesday	151.92	165.54	13.62
Wednesday	133.68	162.08	28.4
Thursday	140.90	152.76	11.86
Friday	128.84	122.50	-6.34
<b>Total</b>	690.20	761.1	70.9

Overall the annual comparison shows Recycling Round 8 has increased by 70.90 tonnes (10.27%)

### Recycling Round 9 (Includes Support Vehicle)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	36.58	32.44	21.20	41.90	132.12
Tuesday	35.02	42.90	31.20	47.72	156.84
Wednesday	41.06	43.30	30.46	51.70	166.52
Thursday	25.34	29.66	17.64	37.622	110.262
Friday	28.36	27.22	30.68	40.26	126.52
<b>Total</b>	166.36	175.52	131.18	219.202	692.262

### Annual Comparison

Day	19/20	20/21	Difference
Monday	148.92	132.12	-16.8
Tuesday	155.48	156.84	1.36
Wednesday	164.98	166.52	1.54
Thursday	129.52	110.262	-19.258
Friday	137.02	126.52	-10.5
<b>Total</b>	735.92	692.262	-43.658

Overall the annual comparison shows Recycling Round 9 has decreased by 43.658 tonnes (5.93%)

### Recycling Round 10 (Includes rounds 10 and 10a and support vehicles)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	26.5	27.22	31.26	49.95	134.93
Tuesday	40.12	29.98	43.06	56.42	169.58
Wednesday	30.96	29.84	38.10	56.40	155.30
Thursday	35.38	26.04	38.46	47.96	147.84
Friday	26.32	18.68	28.64	43.53	117.17
<b>Total</b>	159.28	131.76	179.52	254.26	724.82

### Annual Comparison

Day	19/20	20/21	Difference
Monday	92.94	134.93	41.99
Tuesday	114.22	169.58	55.36
Wednesday	102.20	155.30	53.1
Thursday	105.86	147.84	41.98
Friday	86.48	117.17	30.69
<b>Total</b>	501.70	724.82	223.12

Overall the annual comparison shows Recycling Round 10 has increased by 223.12 tonnes (44.47%)

### Recycling Round Rear (Includes support vehicles)

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	9.78	2.72	17.94	23.10	53.54
Tuesday	6.3	4.18	12.98	19.30	42.76
Wednesday	6.4	2.66	12.74	16.98	38.78
Thursday	6.22	1.64	14.92	16.98	39.76
Friday	7.4	1.88	10.08	15.86	35.22
<b>Total</b>	36.1	13.08	68.66	92.22	210.06

### Annual Comparison

Day	19/20	20/21	Difference
Monday	66.60	53.54	-13.06
Tuesday	68.74	42.76	-25.98
Wednesday	56.94	38.78	-18.16
Thursday	64.96	39.76	-25.2
Friday	51.38	35.22	-16.16
<b>Total</b>	308.62	210.06	-98.56

Overall the annual comparison shows Recycling Round Rear has decreased by 98.56 tonnes (31.94%)

### Additional Recycling Rounds

Day	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Monday	164.32	138.24	93.88	23.04	419.48
Tuesday	139.99	155.88	102.48	29.50	427.85
Wednesday	120.24	139.66	97.60	18.64	376.14
Thursday	135.54	119.04	103.26	11.92	369.76
Friday	91.07	100.18	87.94	11.06	290.25
<b>Total</b>	651.16	653	485.16	94.16	1883.48

### Annual Comparison

Day	19/20	20/21	Difference
Monday	173.16	419.48	246.32
Tuesday	193.85	427.85	234
Wednesday	186.88	376.14	189.26
Thursday	182.96	369.76	186.8
Friday	122.62	290.25	167.63
<b>Total</b>	859.47	1883.48	1024.01

Overall the annual comparison shows Additional Recycling Rounds has increased by 1024.01 tonnes (119.14%)

### Demand Monitoring Data

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
No. of Requests	12014	19565	15152	20276	67007
<b>Total</b>	12014	19565	15152	20276	67007

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	20/21
Van Permit	3	1	0	6	10
Visit New Vale Recycling Centre	3986	11044	8162	10281	33473
Recycling Receptacles	2064	2038	1720	2822	8644
Garden Waste	1206	702	93	508	2509
Request Green Sacks	325	171	17	281	794
AHP	281	370	280	338	1269
Request AHP Sacks	950	1034	1044	1215	4243
Cancel AHP Collection	30	28	25	44	127
Missed Collection	1065	906	661	830	3462
Assisted Collection	49	68	52	82	251
Cancel Assisted	1	2	3	2	8
Request Wheelie Bin	401	496	468	575	1940
Warden Enquiry	77	158	110	119	464
General Enquiry	459	436	316	571	1782
Waste Presented Early	27	57	32	44	160
Commercial Waste	54	95	70	71	290
Christmas tree	0	0	365	354	719
Winter Green Waste	0	0	179	238	417
Bulky Waste	1036	1959	1555	1895	6445
<b>Total</b>	12014	19565	15152	20276	67007

	19/20	20/21	Difference
Van Permit	1539	10	-1529
Visit New Vale Recycling Centre	0	33473	33473
Recycling Receptacles	8497	8644	147
Garden Waste	2603	2509	-94
Request Green Sacks	460	794	334
AHP	1565	1269	-296
Request AHP Sacks	3904	4243	339
Cancel AHP Collection	103	127	24
Missed Collection	2900	3462	562
Assisted Collection	250	251	1
Cancel Assisted	5	8	3
Request Wheelie Bin	1435	1940	505
Warden Enquiry	900	464	-436
General Enquiry	1494	1782	288
Waste Presented Early	195	160	-35
Commercial Waste	471	290	-181
Christmas tree	507	719	212
Winter Green Waste	276	417	141
Bulky Waste	1764	6445	4681
<b>Total</b>	28868	67007	38139

Overall the annual comparison shows number of service requests has increased by 38,139 (132.12%)