



WASTE CHARACTERIZATION STUDY

FINAL

Prepared for:

TOWN OF TYNGSBOROUGH
25 Bryants Lane
Tyngsborough, MA 01879



OCTOBER 31, 2022

Tyngsboro Waste Audit Breakdown - Combined Collection from 10/17/22 and 10/24/22

| Waste Category | Weight in lbs | Percentage of Material |
|---------------------------------|--------------------|------------------------|
| Total Material Sorted | 5,134.7 lbs | 100% |
| Paper Products | 376.9 lbs | 7.34% |
| Aseptic/Gable Top Cartons | 37.2 lbs | 0.72% |
| Retail Paper Bags | 36.9 lbs | 0.72% |
| Mixed Paper | 225.6 lbs | 4.39% |
| Corrugated Cardboard | 77.2 lbs | 1.51% |
| Plastics | 327.2 lbs | 6.37% |
| #1 Plastics (PET) | 81.5 lbs | 1.59% |
| #2 Plastics (HDPE) | 44.0 lbs | 0.85% |
| Other Plastics | 201.7 lbs | 3.93% |
| Aluminum | 53.0 lbs | 1.03% |
| Steel Cans | 62.2 lbs | 1.21% |
| Glass | 445.1 lbs | 8.86% |
| Compostable Material* | 2,387.5 lbs | 46.49% |
| Compostable Paper Products | 625.2 lbs | 12.18% |
| Home Compostables | 839.4 lbs | 16.35% |
| Commercial Compostables | 922.9 lbs | 17.96% |
| Textiles | 122.3 lbs | 2.38% |
| Household Haz Waste | 45.7 lbs | 0.89% |
| Total Non-Trash Material | 3,821.4 lbs | 74.42% |
| Total Trash | 1,313.3 lbs | 25.58% |

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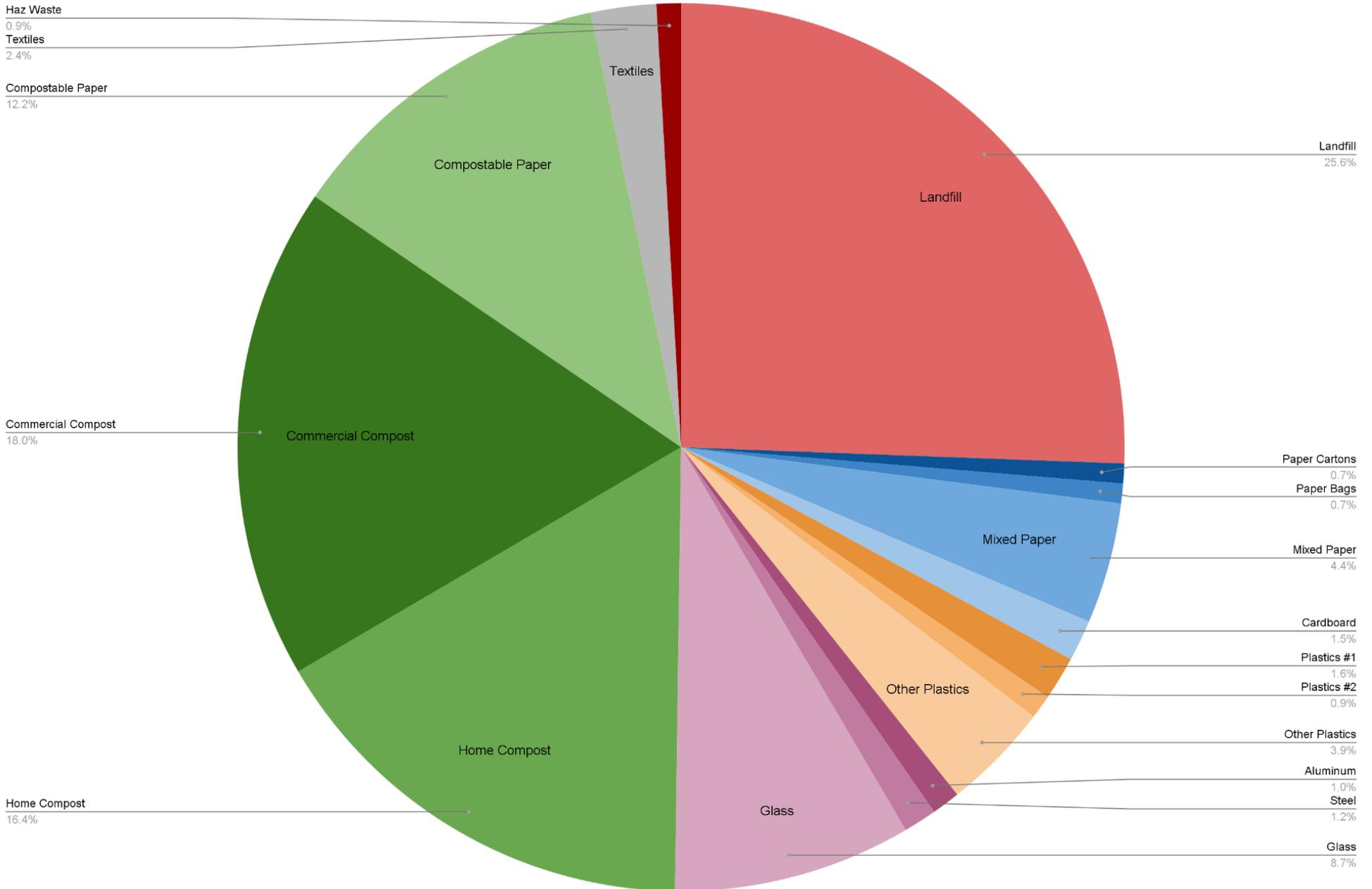
Paper Compost Includes: paper towels, napkins, tissues, non coated paper plates and cups.

Home Compost Includes: fruits, vegetables, bread, pasta without any sauce, coffee grounds, egg shells.

Commercial Compost Includes: meat, dairy, bones, tea bags, post-plate scrapings from prepared meals, misc. food that doesn't compost well in a backyard compost

Combined Waste Breakdown from 10/17 & 10/24 Collections

Percentage of Waste Content based on Weight in lbs. Total Starting Weight of 5,134.7 lbs



Tyngsboro Waste Audit Breakdown - 10/17/22 Collection from 125 Homes

| Waste Category | Weight in lbs | Percentage of Material |
|---------------------------------|--------------------|------------------------|
| Total Material Sorted | 2,523 lbs | 100% |
| Paper Products | 149.4 lbs | 5.92% |
| Aseptic/Gable Top Cartons | 13.4 lbs | 0.53% |
| Retail Paper Bags | 12.4 lbs | 0.49% |
| Mixed Paper | 96.3 lbs | 3.82% |
| Corrugated Cardboard | 27.3 lbs | 1.08% |
| Plastics | 127.2 lbs | 5.04% |
| #1 Plastics (PET) | 30.8 lbs | 1.22% |
| #2 Plastics (HDPE) | 18.9 lbs | 0.75% |
| Other Plastics | 77.5 lbs | 3.07% |
| Aluminum | 23.7 lbs | 0.94% |
| Steel Cans | 15.9 lbs | 0.63% |
| Glass | 94.4 lbs | 3.74% |
| Compostable Material* | 1,195.6 lbs | 47.39% |
| Compostable Paper Products | 274.5 lbs | 10.88% |
| Home Compostables | 437.7 lbs | 17.35% |
| Commercial Compostables | 483.4 lbs | 19.16% |
| Textiles | 52.0 lbs | 2.06% |
| Household Haz Waste | 21.2 lbs | 0.84% |
| Total Non-Trash Material | 1,679.3 lbs | 66.56% |
| Total Trash | 843.7 lbs | 33.44% |

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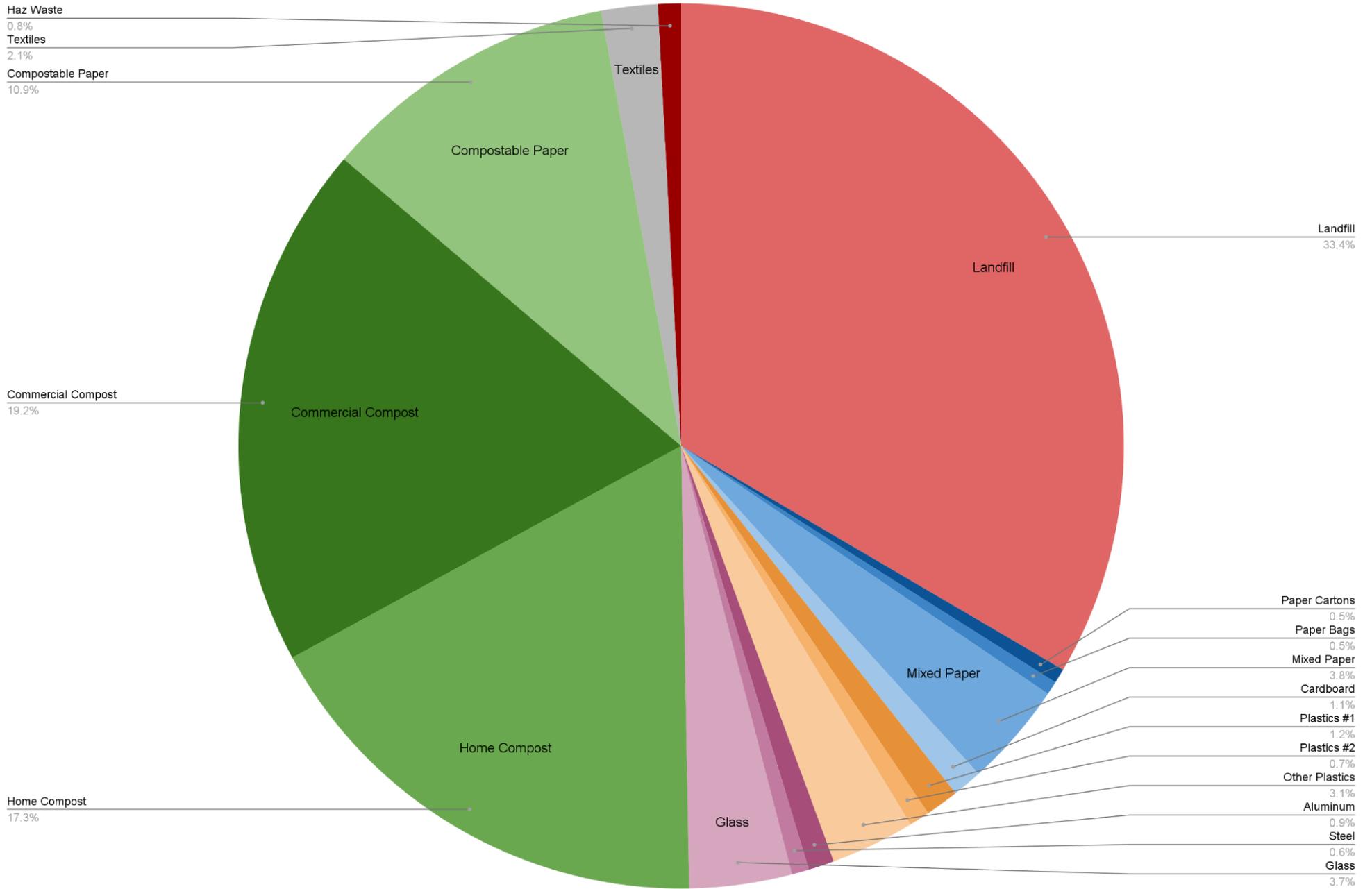
Paper Compost Includes: paper towels, napkins, tissues, non coated paper plates and cups.

Home Compost Includes: fruits, vegetables, bread, pasta without any sauce, coffee grounds, egg shells.

Commercial Compost Includes: meat, dairy, bones, tea bags, post-plate scrapings from prepared meals, misc. food that doesn't compost well in a backyard compost

Waste Breakdown from 10/17/22 Collection

Percentage of Waste Content based on Weight in lbs. Total Starting Weight of 2,523 lbs



Tyngsboro Waste Audit Breakdown - 10/24/22 Collection from 100 Homes

| Waste Category | Weight in lbs | Percentage of Material |
|---------------------------------|--------------------|------------------------|
| Total Material Sorted | 2,611.7 lbs | 100% |
| Paper Products | 227.5 lbs | 8.71% |
| Aseptic/Gable Top Cartons | 23.8 lbs | 0.91% |
| Retail Paper Bags | 24.5 lbs | 0.94% |
| Mixed Paper | 129.3 lbs | 4.95% |
| Corrugated Cardboard | 49.9 lbs | 1.91% |
| Plastics | 200.0 lbs | 7.66% |
| #1 Plastics (PET) | 50.7 lbs | 1.94% |
| #2 Plastics (HDPE) | 25.1 lbs | 0.96% |
| Other Plastics | 124.2 lbs | 4.76% |
| Aluminum | 40.2 lbs | 1.54% |
| Steel Cans | 37.1 lbs | 1.42% |
| Glass | 350.7 lbs | 13.43% |
| Compostable Material* | 1,191.9 lbs | 45.64% |
| Compostable Paper Products | 350.7 lbs | 13.43% |
| Home Compostables | 401.7 lbs | 15.38% |
| Commercial Compostables | 439.5 lbs | 16.83% |
| Textiles | 70.3 lbs | 2.69% |
| Household Haz Waste | 24.5 lbs | 0.94% |
| Total Non-Trash Material | 2,142.1 lbs | 82.02% |
| Total Trash | 469.6 lbs | 17.98% |

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Paper Compost Includes: paper towels, napkins, tissues, non coated paper plates and cups.

Home Compost Includes: fruits, vegetables, bread, pasta without any sauce, coffee grounds, egg shells.

Commercial Compost Includes: meat, dairy, bones, tea bags, post-plate scrapings from prepared meals, misc. food that doesn't compost well in a backyard compost

Waste Breakdown from 10/24/22 Collection

Percentage of Waste Content based on Weight in lbs. Total Starting Weight of 2,611.7 lbs

