



2021

Disposal Facility-Based Waste Characterization Data Tables



California Department of
Resources Recycling and Recovery

November 2022

2021 Disposal Facility-based Waste Characterization Data Tables

The following data tables display results from the 2021 Disposal Facility-based Waste Characterization Study.

Tables showing composition of disposed material and estimated tonnages are provided for:

- 1) Total statewide disposal (includes all sectors);
- 2) Commercial sector disposal (includes multi-family housing);
- 3) Residential (single-family) disposal sector;
- 4) Self-haul sector; and
- 5) Transfer truck waste disposal sector.

Transfer Truck Waste Disposal is a new source sector in this study and is waste comingled at a transfer station and transported to a landfill, which includes waste from all sectors.

An additional table is also provided for multi-family housing based on sampling at multi-family housing units. The table only provides information on percentage composition as multi-family housing tonnage is included in the commercial sector.

Table 1. Statewide Disposal

Material	Estimated Proportion	Estimated Tonnage
Paper	15.5%	6,193,825
Corrugated Cardboard	4.1%	1,643,490
Paper Grocery Bags	0.1%	35,207
Other Paper Bags/Kraft Paper	0.4%	149,019
Newspapers/Newspaper Inserts	0.3%	111,208
White Office-type Paper and Mail	0.6%	229,765
Magazines and Catalogs	0.4%	145,977
Folding Cartons and Other Paperboard Packaging	1.2%	495,138
Aseptic Containers	0.1%	42,647
Gable-top Cartons	0.1%	50,588
Paper/Fiber Food Service Ware	2.1%	849,718
Other Recyclable Paper	1.3%	501,164
Other Paper/Fiber - Packaging	0.8%	308,575
Other Compostable Paper	3.5%	1,407,596
Remainder/Composite Paper	0.6%	223,734
Plastic	13.7%	5,445,299
PETE Beverage Containers - CRV	0.6%	240,391
PETE Bottles and Jars - Non-CRV	0.2%	84,250
HDPE Beverage Containers - CRV	0.1%	24,042
HDPE Bottles and Jars - Non-CRV	0.4%	161,107
Expanded Polystyrene Packaging	0.2%	86,555
Plastic Trash Bags	1.5%	591,581
Plastic Grocery and Other Merchandise Bags	0.6%	231,072
Film Products- Non-Packaging	0.5%	203,940
Flexible Plastic Pouches	0.0%	15,464
Non-Bag Commercial and Industrial Packaging Film	1.4%	557,528
Other Film Bags and Plastic Mailing Pouches	0.4%	155,443
Rigid Plastic Food Service Ware	1.3%	503,597
Other Plastic Packaging	3.1%	1,247,468
Durable Plastic Items	2.3%	901,707
Remainder/Composite Plastic	1.1%	441,155
Glass	2.3%	926,822
Clear Glass Bottles and Containers - CRV	0.5%	186,445

Material	Estimated Proportion	Estimated Tonnage
Clear Glass Bottles and Containers - Non-CRV	0.7%	259,524
Green Glass Bottles and Containers - CRV	0.1%	54,722
Brown Glass Bottles and Containers - CRV	0.2%	80,504
Green and Brown Glass Bottles and Containers - Non-CRV	0.3%	121,024
Other Colored Glass Bottles and Containers	0.1%	20,431
Remainder/Composite Glass	0.5%	204,172
Metal	4.9%	1,960,400
Tin/Steel Cans	0.4%	166,573
Aluminum Cans - CRV	0.2%	90,180
Aluminum Cans - Non-CRV	0.1%	30,017
Major Appliances	0.4%	163,294
Other Ferrous	2.4%	962,863
Other Non-Ferrous	0.7%	267,800
Remainder/Composite Metal	0.7%	279,672
Electronics	0.9%	344,267
Covered Video Display Devices	0.2%	64,725
Consumer Electronics and Small Equipment	0.5%	182,716
Large Equipment	0.2%	96,826
Organics	28.4%	11,305,710
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	1.5%	615,133
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.2%	98,000
Food - Potentially Donatable - Meat	0.3%	111,229
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.3%	114,977
Food - Potentially Donatable - Packaged Non-perishable	1.4%	577,199
Food - Not Donatable - Meat	0.9%	339,542
Food - Not Donatable - Non-meat	4.0%	1,587,268
Food - Inedible	2.3%	919,601
Leaves and Grass	2.2%	883,892
Prunings and Trimmings	2.8%	1,127,857

Material	Estimated Proportion	Estimated Tonnage
Branches and Stumps	1.0%	399,439
Manures	0.7%	279,604
Clean Dimensional Lumber	2.8%	1,118,977
Clean Engineered Wood	1.9%	751,487
Clean Pallets and Crates	1.4%	569,758
Treated/Painted/Stained Wood	3.4%	1,362,209
Other Recyclable Wood	0.2%	79,780
Remainder/Composite Organic	0.9%	369,758
Inerts and Other	12.0%	4,770,238
Concrete	1.9%	738,847
Asphalt Roofing	1.4%	543,279
Gypsum Board	1.8%	732,835
Carpet	1.3%	531,381
Rock, Soil and Fines	2.0%	794,968
Remainder/Composite Inerts and Other	3.6%	1,428,928
HHW	0.3%	121,346
Paint	0.1%	59,006
Used Oil	0.0%	10,504
Lead-acid (automotive) batteries	0.0%	6,411
Other batteries	0.0%	7,294
One-Pound or Less Propane Gas Cylinders	0.0%	712
Pharmaceuticals	0.0%	16,805
Remainder/Composite Household Hazardous	0.1%	20,615
Special Waste	5.2%	2,071,294
Tires	0.1%	42,806
Mattresses and Foundations	1.1%	422,281
Bulky Items	3.6%	1,433,777
Remainder/Composite Special Waste	0.4%	172,430
Miscellaneous	16.9%	6,739,781
Textiles - Cloth and Clothing	2.5%	982,659
Textiles - Shoes, Purses, Belts	0.5%	201,634
Personal Protective Equipment (PPE)	0.5%	188,168
Solar Panels	0.0%	-
Diapers & Sanitary Products	2.4%	961,992
Miscellaneous Inorganics	1.5%	614,673

Material	Estimated Proportion	Estimated Tonnage
Mixed Residue	9.5%	3,790,656
Total	100.0%	39,878,983

N=556

Totals may not add up to 100 percent due to rounding

* *Solar Panels* were not observed in any samples in this study

**Table 2. Franchised Residential (Single-family)
Statewide Disposal**

Material	Estimated Proportion	Estimated Tonnage
Paper	18.4%	2,358,482
Corrugated Cardboard	1.8%	226,676
Paper Grocery Bags	0.1%	15,361
Other Paper Bags/Kraft Paper	0.6%	71,145
Newspapers/Newspaper Inserts	0.4%	45,864
White Office-type Paper and Mail	0.8%	105,282
Magazines and Catalogs	0.5%	66,928
Folding Cartons and Other Paperboard Packaging	1.7%	214,417
Aseptic Containers	0.1%	14,868
Gable-top Cartons	0.2%	20,911
Paper/Fiber Food Service Ware	3.5%	452,316
Other Recyclable Paper	1.5%	197,131
Other Paper/Fiber - Packaging	0.8%	101,070
Other Compostable Paper	6.1%	775,280
Remainder/Composite Paper	0.4%	51,234
Plastic	15.4%	1,976,620
PETE Beverage Containers - CRV	0.7%	88,242
PETE Bottles and Jars - Non-CRV	0.4%	46,682
HDPE Beverage Containers - CRV	0.1%	12,760
HDPE Bottles and Jars - Non-CRV	0.6%	71,883
Expanded Polystyrene Packaging	0.3%	32,858
Plastic Trash Bags	1.9%	241,802
Plastic Grocery and Other Merchandise Bags	1.1%	139,479
Film Products- Non-Packaging	0.3%	33,704
Flexible Plastic Pouches	0.1%	8,564
Non-Bag Commercial and Industrial Packaging Film	0.3%	33,418
Other Film Bags and Plastic Mailing Pouches	0.8%	104,418
Rigid Plastic Food Service Ware	1.9%	243,918
Other Plastic Packaging	4.7%	607,875

Material	Estimated Proportion	Estimated Tonnage
Durable Plastic Items	1.2%	152,237
Remainder/Composite Plastic	1.2%	158,780
Glass	2.7%	342,280
Clear Glass Bottles and Containers - CRV	0.5%	67,445
Clear Glass Bottles and Containers - Non-CRV	0.9%	117,736
Green Glass Bottles and Containers - CRV	0.1%	15,688
Brown Glass Bottles and Containers - CRV	0.2%	32,014
Green and Brown Glass Bottles and Containers - Non-CRV	0.4%	54,856
Other Colored Glass Bottles and Containers	0.1%	9,818
Remainder/Composite Glass	0.3%	44,723
Metal	3.9%	593,571
Tin/Steel Cans	0.8%	96,447
Aluminum Cans - CRV	0.3%	41,728
Aluminum Cans - Non-CRV	0.2%	22,101
Major Appliances	0.0%	4,457
Other Ferrous	1.0%	131,961
Other Non-Ferrous	0.6%	80,521
Remainder/Composite Metal	1.0%	125,864
Electronics	0.7%	90,493
Covered Video Display Devices	0.0%	-
Consumer Electronics and Small Equipment	0.5%	66,407
Large Equipment	0.2%	24,086
Organics	27.0%	3,452,551
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	2.0%	251,163
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.3%	38,031
Food - Potentially Donatable - Meat	0.3%	40,791
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.5%	66,666
Food - Potentially Donatable - Packaged Non-perishable	2.1%	262,713
Food - Not Donatable - Meat	1.4%	183,677
Food - Not Donatable - Non-meat	6.7%	858,815

Material	Estimated Proportion	Estimated Tonnage
Food - Inedible	4.1%	523,581
Leaves and Grass	2.3%	300,790
Prunings and Trimmings	2.1%	269,876
Branches and Stumps	0.5%	60,416
Manures	1.5%	191,940
Clean Dimensional Lumber	0.4%	48,012
Clean Engineered Wood	0.5%	69,334
Clean Pallets and Crates	0.0%	4,181
Treated/Painted/Stained Wood	1.3%	166,935
Other Recyclable Wood	0.2%	24,012
Remainder/Composite Organic	0.7%	91,616
Inerts and Other	2.7%	347,021
Concrete	0.5%	68,935
Asphalt Roofing	0.1%	16,660
Gypsum Board	0.1%	14,982
Carpet	0.6%	71,837
Rock, Soil and Fines	0.7%	93,570
Remainder/Composite Inerts and Other	0.6%	81,037
HHW	0.4%	50,247
Paint	0.1%	17,132
Used Oil	0.0%	2,468
Lead-acid (automotive) batteries	0.1%	7,483
Other batteries	0.0%	3,754
One-Pound or Less Propane Gas Cylinders	0.0%	679
Pharmaceuticals	0.1%	11,108
Remainder/Composite Household Hazardous	0.1%	7,623
Special Waste	1.0%	127,697
Tires	0.0%	-
Mattresses and Foundations	0.3%	41,165
Bulky Items	0.6%	76,245
Remainder/Composite Special Waste	0.1%	10,287
Miscellaneous	27.8%	3,561,745
Textiles - Cloth and Clothing	3.3%	425,979
Textiles - Shoes, Purses, Belts	0.6%	82,894
Personal Protective Equipment (PPE)	0.3%	35,696

Material	Estimated Proportion	Estimated Tonnage
Solar Panels	0.0%	-
Diapers & Sanitary Products	5.4%	697,125
Miscellaneous Inorganics	1.3%	166,082
Mixed Residue	16.8%	2,153,968
Total	100.0%	12,810,213

N=153

Totals may not add up to 100 percent due to rounding

Table 3. Franchised Commercial (including Multi-family) Statewide Disposal

Material	Estimated Proportion	Estimated Tonnage
Paper	21.2%	4,081,117
Corrugated Cardboard	6.9%	1,320,833
Paper Grocery Bags	0.1%	22,515
Other Paper Bags/Kraft Paper	0.4%	85,702
Newspapers/Newspaper Inserts	0.4%	75,355
White Office-type Paper and Mail	0.7%	137,394
Magazines and Catalogs	0.3%	55,173
Folding Cartons and Other Paperboard Packaging	1.7%	319,390
Aseptic Containers	0.2%	35,744
Gable-top Cartons	0.2%	35,024
Paper/Fiber Food Service Ware	2.5%	481,898
Other Recyclable Paper	1.7%	332,873
Other Paper/Fiber - Packaging	1.3%	246,548
Other Compostable Paper	4.1%	786,188
Remainder/Composite Paper	0.8%	146,480
Plastic	17.6%	3,378,755
PETE Beverage Containers - CRV	0.9%	181,542
PETE Bottles and Jars - Non-CRV	0.2%	46,131
HDPE Beverage Containers - CRV	0.1%	14,497
HDPE Bottles and Jars - Non-CRV	0.6%	111,060
Expanded Polystyrene Packaging	0.3%	50,759
Plastic Trash Bags	2.0%	378,487
Plastic Grocery and Other Merchandise Bags	0.6%	112,722
Film Products- Non-Packaging	0.8%	148,581
Flexible Plastic Pouches	0.0%	5,296
Non-Bag Commercial and Industrial Packaging Film	2.6%	499,982
Other Film Bags and Plastic Mailing Pouches	0.3%	64,415
Rigid Plastic Food Service Ware	1.6%	311,743
Other Plastic Packaging	3.6%	696,980

Material	Estimated Proportion	Estimated Tonnage
Durable Plastic Items	2.6%	497,433
Remainder/Composite Plastic	1.3%	259,124
Glass	3.2%	623,567
Clear Glass Bottles and Containers - CRV	0.7%	140,318
Clear Glass Bottles and Containers - Non-CRV	0.9%	178,151
Green Glass Bottles and Containers - CRV	0.2%	46,186
Brown Glass Bottles and Containers - CRV	0.3%	54,037
Green and Brown Glass Bottles and Containers - Non-CRV	0.4%	78,735
Other Colored Glass Bottles and Containers	0.1%	12,420
Remainder/Composite Glass	0.6%	113,720
Metal	3.6%	693,576
Tin/Steel Cans	0.4%	79,740
Aluminum Cans - CRV	0.3%	55,885
Aluminum Cans - Non-CRV	0.1%	11,070
Major Appliances	0.3%	59,393
Other Ferrous	1.5%	287,328
Other Non-Ferrous	0.4%	79,640
Remainder/Composite Metal	0.6%	120,522
Electronics	1.4%	271,724
Covered Video Display Devices	0.4%	86,229
Consumer Electronics and Small Equipment	0.6%	108,708
Large Equipment	0.4%	76,787
Organics	24.7%	4,751,847
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	2.1%	401,467
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.4%	81,376
Food - Potentially Donatable - Meat	0.4%	81,611
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.4%	70,095
Food - Potentially Donatable - Packaged Non-perishable	2.1%	404,806
Food - Not Donatable - Meat	1.1%	205,401
Food - Not Donatable - Non-meat	4.9%	942,462

Material	Estimated Proportion	Estimated Tonnage
Food - Inedible	2.9%	551,381
Leaves and Grass	1.2%	237,692
Prunings and Trimmings	1.1%	203,243
Branches and Stumps	0.2%	47,686
Manures	0.8%	152,013
Clean Dimensional Lumber	1.4%	259,834
Clean Engineered Wood	1.3%	246,374
Clean Pallets and Crates	1.9%	355,674
Treated/Painted/Stained Wood	1.2%	230,364
Other Recyclable Wood	0.2%	32,873
Remainder/Composite Organic	1.3%	247,495
Inerts and Other	5.5%	1,048,968
Concrete	1.0%	188,851
Asphalt Roofing	0.1%	15,590
Gypsum Board	0.6%	111,369
Carpet	0.7%	132,461
Rock, Soil and Fines	1.7%	321,815
Remainder/Composite Inerts and Other	1.5%	278,881
HHW	0.4%	74,353
Paint	0.2%	43,930
Used Oil	0.0%	8,663
Lead-acid (automotive) batteries	0.0%	-
Other batteries	0.0%	4,363
One-Pound or Less Propane Gas Cylinders	0.0%	-
Pharmaceuticals	0.0%	7,673
Remainder/Composite Household Hazardous	0.1%	9,723
Special Waste	5.8%	1,110,993
Tires	0.1%	21,732
Mattresses and Foundations	1.6%	299,435
Bulky Items	3.1%	590,101
Remainder/Composite Special Waste	1.0%	199,724
Miscellaneous	16.5%	3,171,456
Textiles - Cloth and Clothing	2.3%	449,653
Textiles - Shoes, Purses, Belts	0.7%	132,323
Personal Protective Equipment (PPE)	0.9%	178,894

Material	Estimated Proportion	Estimated Tonnage
Solar Panels	0.0%	-
Diapers & Sanitary Products	2.0%	387,721
Miscellaneous Inorganics	2.0%	377,974
Mixed Residue	8.6%	1,644,891
Total	100.0%	19,206,355

N=201

Totals may not add up to 100 percent due to rounding

Table 4. Self-Hauled Statewide Disposal

Material	Estimated Proportion	Estimated Tonnage
Paper	4.4%	344,798
Corrugated Cardboard	2.3%	178,617
Paper Grocery Bags	0.0%	599
Other Paper Bags/Kraft Paper	0.1%	7,037
Newspapers/Newspaper Inserts	0.0%	482
White Office-type Paper and Mail	0.1%	6,456
Magazines and Catalogs	0.3%	25,814
Folding Cartons and Other Paperboard Packaging	0.1%	9,586
Aseptic Containers	0.0%	242
Gable-top Cartons	0.0%	274
Paper/Fiber Food Service Ware	0.3%	23,120
Other Recyclable Paper	0.4%	31,087
Other Paper/Fiber - Packaging	0.1%	7,775
Other Compostable Paper	0.3%	23,931
Remainder/Composite Paper	0.4%	29,778
Plastic	6.2%	489,491
PETE Beverage Containers - CRV	0.1%	7,516
PETE Bottles and Jars - Non-CRV	0.0%	1,590
HDPE Beverage Containers - CRV	0.0%	75
HDPE Bottles and Jars - Non-CRV	0.0%	2,546
Expanded Polystyrene Packaging	0.1%	9,519
Plastic Trash Bags	0.2%	17,011
Plastic Grocery and Other Merchandise Bags	0.0%	2,337
Film Products- Non-Packaging	0.4%	30,837
Flexible Plastic Pouches	0.0%	176
Non-Bag Commercial and Industrial Packaging Film	0.9%	72,421
Other Film Bags and Plastic Mailing Pouches	0.0%	1,087
Rigid Plastic Food Service Ware	0.2%	12,218
Other Plastic Packaging	0.7%	51,260
Durable Plastic Items	3.1%	243,060
Remainder/Composite Plastic	0.5%	37,836
Glass	1.0%	79,249
Clear Glass Bottles and Containers - CRV	0.1%	8,770
Clear Glass Bottles and Containers - Non-CRV	0.1%	7,646

Material	Estimated Proportion	Estimated Tonnage
Green Glass Bottles and Containers - CRV	0.0%	1,825
Brown Glass Bottles and Containers - CRV	0.0%	3,025
Green and Brown Glass Bottles and Containers - Non-CRV	0.1%	4,791
Other Colored Glass Bottles and Containers	0.0%	992
Remainder/Composite Glass	0.7%	52,202
Metal	7.6%	600,161
Tin/Steel Cans	0.1%	9,078
Aluminum Cans - CRV	0.0%	3,115
Aluminum Cans - Non-CRV	0.0%	350
Major Appliances	0.9%	72,310
Other Ferrous	4.9%	384,798
Other Non-Ferrous	1.1%	87,585
Remainder/Composite Metal	0.5%	42,925
Electronics	0.4%	28,294
Covered Video Display Devices	0.0%	-
Consumer Electronics and Small Equipment	0.3%	24,760
Large Equipment	0.0%	3,535
Organics	36.4%	2,858,072
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	0.7%	58,585
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.0%	885
Food - Potentially Donatable - Meat	0.1%	7,157
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.0%	835
Food - Potentially Donatable - Packaged Non-perishable	0.2%	12,470
Food - Not Donatable - Meat	0.1%	6,624
Food - Not Donatable - Non-meat	0.5%	40,441
Food - Inedible	0.1%	11,732
Leaves and Grass	2.7%	212,595
Prunings and Trimmings	6.2%	483,851
Branches and Stumps	2.5%	198,123
Manures	0.0%	-
Clean Dimensional Lumber	7.3%	570,338
Clean Engineered Wood	3.9%	306,701
Clean Pallets and Crates	2.5%	198,576

Material	Estimated Proportion	Estimated Tonnage
Treated/Painted/Stained Wood	8.5%	667,208
Other Recyclable Wood	0.2%	15,571
Remainder/Composite Organic	0.8%	66,379
Inerts and Other	31.1%	2,444,009
Concrete	4.4%	349,296
Asphalt Roofing	4.5%	355,798
Gypsum Board	5.4%	425,507
Carpet	2.9%	226,985
Rock, Soil and Fines	4.1%	320,358
Remainder/Composite Inerts and Other	9.7%	766,065
HHW	0.2%	12,216
Paint	0.1%	6,148
Used Oil	0.0%	1,153
Lead-acid (automotive) batteries	0.0%	-
Other batteries	0.0%	182
One-Pound or Less Propane Gas Cylinders	0.0%	-
Pharmaceuticals	0.0%	61
Remainder/Composite Household Hazardous	0.1%	4,673
Special Waste	8.8%	688,634
Tires	0.1%	11,432
Mattresses and Foundations	1.1%	89,202
Bulky Items	7.4%	584,065
Remainder/Composite Special Waste	0.1%	3,935
Miscellaneous	4.0%	317,491
Textiles - Cloth and Clothing	1.3%	105,371
Textiles - Shoes, Purses, Belts	0.1%	7,093
Personal Protective Equipment (PPE)	0.0%	3,574
Solar Panels	0.0%	-
Diapers & Sanitary Products	0.0%	2,794
Miscellaneous Inorganics	1.1%	85,021
Mixed Residue	1.4%	113,638
Total	100.0%	7,862,416

N=152

Totals may not add up to 100 percent due to rounding

Table 5. Transfer Truck Waste Statewide Disposal

Material	Estimated Proportion	Estimated Tonnage
Paper	17.6%	4,216,910
Corrugated Cardboard	5.9%	1,402,563
Paper Grocery Bags	0.1%	28,803
Other Paper Bags/Kraft Paper	0.4%	93,326
Newspapers/Newspaper Inserts	0.4%	98,010
White Office-type Paper and Mail	0.8%	183,442
Magazines and Catalogs	0.3%	76,301
Folding Cartons and Other Paperboard Packaging	1.6%	389,855
Aseptic Containers	0.1%	18,320
Gable-top Cartons	0.2%	40,066
Paper/Fiber Food Service Ware	1.9%	456,814
Other Recyclable Paper	1.1%	262,406
Other Paper/Fiber - Packaging	0.7%	174,482
Other Compostable Paper	3.3%	801,662
Remainder/Composite Paper	0.8%	190,859
Plastic	15.0%	3,584,138
PETE Beverage Containers - CRV	0.5%	120,818
PETE Bottles and Jars - Non-CRV	0.2%	49,570
HDPE Beverage Containers - CRV	0.1%	14,188
HDPE Bottles and Jars - Non-CRV	0.4%	84,305
Expanded Polystyrene Packaging	0.2%	47,419
Plastic Trash Bags	2.1%	512,159
Plastic Grocery and Other Merchandise Bags	0.7%	158,374
Film Products- Non-Packaging	0.6%	138,663
Flexible Plastic Pouches	0.1%	26,076
Non-Bag Commercial and Industrial Packaging Film	1.5%	354,885
Other Film Bags and Plastic Mailing Pouches	0.4%	107,660
Rigid Plastic Food Service Ware	1.2%	291,608
Other Plastic Packaging	3.7%	884,055
Durable Plastic Items	1.7%	406,221
Remainder/Composite Plastic	1.6%	388,138
Glass	1.6%	371,388
Clear Glass Bottles and Containers - CRV	0.3%	74,620

Material	Estimated Proportion	Estimated Tonnage
Clear Glass Bottles and Containers - Non-CRV	0.4%	95,683
Green Glass Bottles and Containers - CRV	0.1%	27,257
Brown Glass Bottles and Containers - CRV	0.2%	55,543
Green and Brown Glass Bottles and Containers - Non-CRV	0.2%	55,304
Other Colored Glass Bottles and Containers	0.0%	8,823
Remainder/Composite Glass	0.2%	54,157
Metal	4.9%	1,178,624
Tin/Steel Cans	0.3%	76,804
Aluminum Cans - CRV	0.2%	54,492
Aluminum Cans - Non-CRV	0.1%	15,284
Major Appliances	0.4%	97,611
Other Ferrous	2.8%	671,132
Other Non-Ferrous	0.5%	117,414
Remainder/Composite Metal	0.6%	145,887
Electronics	0.7%	157,152
Covered Video Display Devices	0.0%	-
Consumer Electronics and Small Equipment	0.3%	66,042
Large Equipment	0.4%	91,111
Organics	22.8%	5,459,622
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	0.5%	116,034
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.1%	20,759
Food - Potentially Donatable - Meat	0.1%	34,050
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.1%	27,326
Food - Potentially Donatable - Packaged Non-perishable	0.9%	206,844
Food - Not Donatable - Meat	0.5%	125,658
Food - Not Donatable - Non-meat	2.5%	587,573
Food - Inedible	1.1%	273,110
Leaves and Grass	4.3%	1,021,034
Prunings and Trimmings	2.0%	488,397
Branches and Stumps	1.0%	248,019
Manures	0.0%	7,168
Clean Dimensional Lumber	2.6%	613,696
Clean Engineered Wood	2.3%	546,373

Material	Estimated Proportion	Estimated Tonnage
Clean Pallets and Crates	0.7%	159,155
Treated/Painted/Stained Wood	3.4%	808,249
Other Recyclable Wood	0.4%	86,375
Remainder/Composite Organic	0.4%	89,804
Inerts and Other	8.3%	1,979,678
Concrete	1.5%	358,316
Asphalt Roofing	0.7%	159,803
Gypsum Board	1.3%	309,550
Carpet	1.6%	371,494
Rock, Soil and Fines	0.8%	193,752
Remainder/Composite Inerts and Other	2.5%	586,763
HHW	0.2%	37,049
Paint	0.1%	18,883
Used Oil	0.0%	1,924
Lead-acid (automotive) batteries	0.0%	-
Other batteries	0.0%	3,679
One-Pound or Less Propane Gas Cylinders	0.0%	874
Pharmaceuticals	0.0%	9,642
Remainder/Composite Household Hazardous	0.0%	2,047
Special Waste	4.8%	1,155,039
Tires	0.3%	71,004
Mattresses and Foundations	1.1%	257,345
Bulky Items	3.2%	771,674
Remainder/Composite Special Waste	0.2%	55,015
Miscellaneous	24.2%	5,790,722
Textiles - Cloth and Clothing	3.7%	894,924
Textiles - Shoes, Purses, Belts	0.6%	143,216
Personal Protective Equipment (PPE)	0.5%	122,462
Solar Panels	0.0%	-
Diapers & Sanitary Products	1.9%	466,383
Miscellaneous Inorganics	2.0%	472,383
Mixed Residue	15.4%	3,691,355
Total	100.0%	23,930,322

N=50

Totals may not add up to 100 percent due to rounding

Table 6: Multi-family Disposal

Material	Estimated Proportion
Paper	18.4%
Corrugated Cardboard	2.4%
Paper Grocery Bags	0.3%
Other Paper Bags/Kraft Paper	0.6%
Newspapers/Newspaper Inserts	1.1%
White Office-type Paper and Mail	0.8%
Magazines and Catalogs	0.4%
Folding Cartons and Other Paperboard Packaging	1.9%
Aseptic Containers	0.1%
Gable-top Cartons	0.2%
Paper/Fiber Food Service Ware	3.4%
Other Recyclable Paper	1.1%
Other Paper/Fiber - Packaging	0.7%
Other Compostable Paper	4.9%
Remainder/Composite Paper	0.3%
Plastic	14.8%
PETE Beverage Containers - CRV	1.7%
PETE Bottles and Jars - Non-CRV	0.5%
HDPE Beverage Containers - CRV	0.2%
HDPE Bottles and Jars - Non-CRV	0.8%
Expanded Polystyrene Packaging	0.2%
Plastic Trash Bags	1.4%
Plastic Grocery and Other Merchandise Bags	1.2%
Film Products- Non-Packaging	0.1%
Flexible Plastic Pouches	0.1%
Non-Bag Commercial and Industrial Packaging Film	0.1%
Other Film Bags and Plastic Mailing Pouches	0.5%
Rigid Plastic Food Service Ware	1.9%
Other Plastic Packaging	4.0%
Durable Plastic Items	1.2%
Remainder/Composite Plastic	0.9%
Glass	6.7%
Clear Glass Bottles and Containers - CRV	1.3%
Clear Glass Bottles and Containers - Non-CRV	2.5%

Material	Estimated Proportion
Green Glass Bottles and Containers - CRV	0.4%
Brown Glass Bottles and Containers - CRV	0.7%
Green and Brown Glass Bottles and Containers - Non-CRV	0.9%
Other Colored Glass Bottles and Containers	0.2%
Remainder/Composite Glass	0.8%
Metal	2.7%
Tin/Steel Cans	0.6%
Aluminum Cans - CRV	0.4%
Aluminum Cans - Non-CRV	0.1%
Major Appliances	0.0%
Other Ferrous	0.7%
Other Non-Ferrous	0.4%
Remainder/Composite Metal	0.5%
Electronics	1.8%
Covered Video Display Devices	0.3%
Consumer Electronics and Small Equipment	1.1%
Large Equipment	0.5%
Organics	27.8%
Food - Potentially Donatable - Vegetative (Perishable/Fresh)	3.1%
Food - Potentially Donatable - Eggs, Dairy, and Dairy Alternatives	0.9%
Food - Potentially Donatable - Meat	1.0%
Food - Potentially Donatable - Cooked/Baked/Prepared Perishable Items	0.9%
Food - Potentially Donatable - Packaged Non-perishable	4.3%
Food - Not Donatable - Meat	1.6%
Food - Not Donatable - Non-meat	8.3%
Food - Inedible	3.7%
Leaves and Grass	0.5%
Prunings and Trimmings	0.2%
Branches and Stumps	0.0%
Manures	0.0%
Clean Dimensional Lumber	0.3%
Clean Engineered Wood	0.2%
Clean Pallets and Crates	0.3%
Treated/Painted/Stained Wood	1.7%
Other Recyclable Wood	0.1%

Material	Estimated Proportion
Remainder/Composite Organic	0.8%
Inerts and Other	2.2%
Concrete	0.3%
Asphalt Roofing	0.2%
Gypsum Board	0.2%
Carpet	0.1%
Rock, Soil and Fines	0.4%
Remainder/Composite Inerts and Other	1.0%
HHW	0.3%
Paint	0.1%
Used Oil	0.0%
Lead-acid (automotive) batteries	0.0%
Other batteries	0.0%
One-Pound or Less Propane Gas Cylinders	0.0%
Pharmaceuticals	0.1%
Remainder/Composite Household Hazardous	0.0%
Special Waste	2.0%
Tires	0.1%
Mattresses and Foundations	0.0%
Bulky Items	1.8%
Remainder/Composite Special Waste	0.1%
Miscellaneous	23.4%
Textiles - Cloth and Clothing	3.2%
Textiles - Shoes, Purses, Belts	1.3%
Personal Protective Equipment (PPE)	0.2%
Solar Panels	0.0%
Diapers & Sanitary Products	4.4%
Miscellaneous Inorganics	2.4%
Mixed Residue	11.9%
Total	100.0%

N=50

Totals may not add up to 100 percent due to rounding