

# **Contractor's Report to the Board**

## ***Significant Tables and Figures***

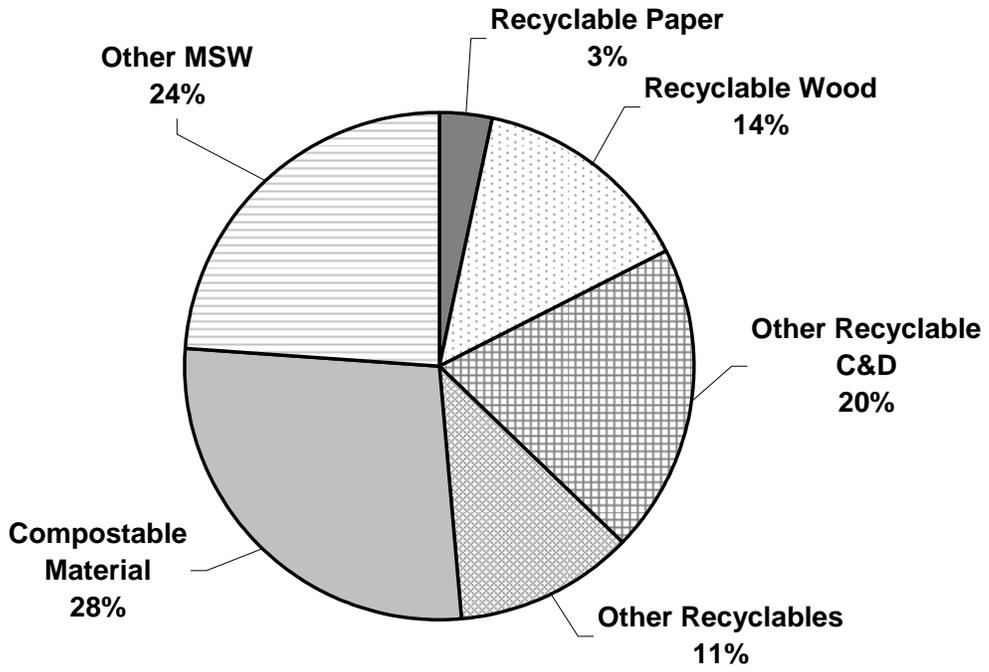
*Targeted Statewide Waste Characterization Study:*

### ***Detailed Characterization of Commercial Self-Haul and Drop-Box Waste***

*June 2006*

The tables and figures in this document are excerpted from the Targeted Statewide Waste Characterization Study: Detailed Characterization of Commercial Self-Haul and Drop-Box Waste, California Integrated Waste Management Board Publication #341-06-003. The table and figure names and numbers match those in the full report. For other data and more information, see the [complete study](#) or the [Executive Summary](#), available at [ciwmb.ca.gov/Publications/default.asp?pubid=1179](http://ciwmb.ca.gov/Publications/default.asp?pubid=1179). This study used material types based on the CIWMB's standard 67 types with several additional types added. A list of the material types and their definitions used in this study can be found in Appendix B of the study report.

Figure C. Overview of Waste Divertibility: Overall Commercial Self-haul, 2005



**Table 7. Top Ten Disposed Materials: Overall Commercial Self-haul, 2005**

<b>Material</b>	<b>Divertible</b>	<b>Est. Percent</b>	<b>Cum. Percent</b>	<b>Est. Tons</b>
Lumber	yes	14.1%	14.1%	195,066
Leaves & Grass	yes	12.0%	26.0%	166,218
Rock, Soil, Fines	yes	10.0%	36.0%	138,643
Bulky Items	no	9.6%	45.6%	133,039
Prunings & Trimmings	yes	8.8%	54.4%	121,629
Concrete	yes	7.5%	61.9%	104,339
Branches & Stumps	yes	6.4%	68.3%	89,239
Other Ferrous Metal	yes	6.4%	74.7%	88,972
Treated Wood Waste	no	4.1%	78.9%	56,934
Uncoated Corrugated Cardboard	yes	3.0%	81.8%	41,210
<b>Total</b>		<b>81.8%</b>		<b>1,135,289</b>

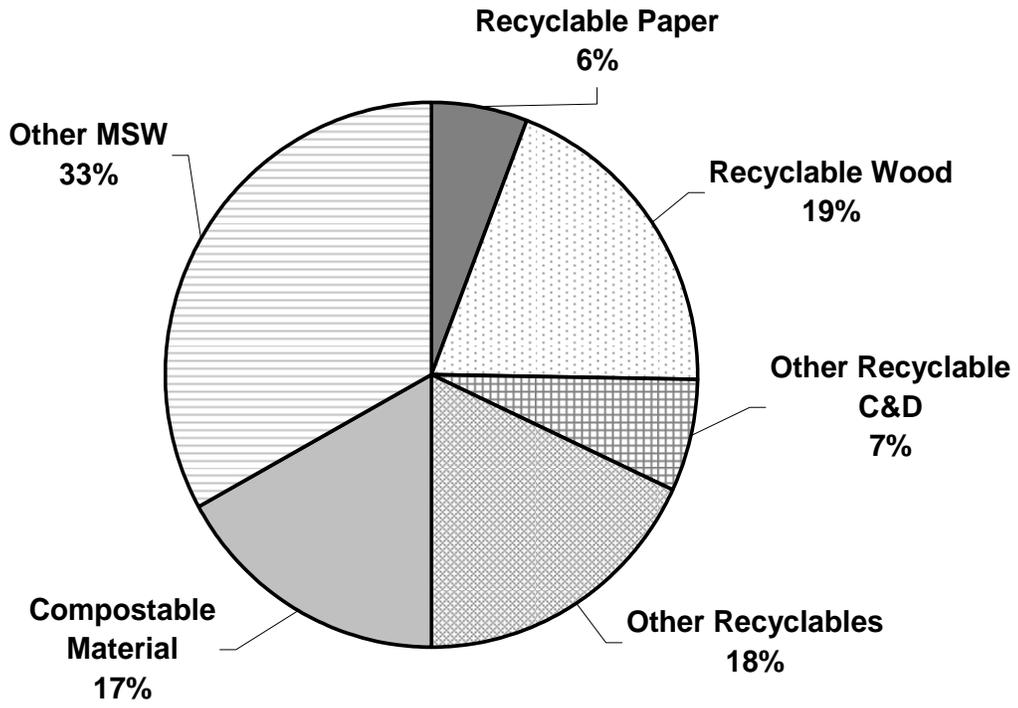
The figures, when added together, may not exactly match the totals shown, due to rounding.

**Table 8. Detailed Waste Composition: Overall Commercial Self-haul, 2005**

Material	Est. Percent	+ / -	Est. Tons	Material	Est. Percent	+ / -	Est. Tons
<b>Paper</b>	<b>5.8%</b>		<b>81,122</b>	<b>Organic</b>	<b>30.6%</b>		<b>424,875</b>
Uncoated Corrugated Cardboard	3.0%	1.6%	41,210	Food	0.2%	0.2%	2,873
Paper Bags/Kraft	0.2%	0.2%	2,113	Leaves & Grass	12.0%	4.3%	166,218
Newspaper	0.1%	0.1%	1,020	Prunings & Trimmings	8.8%	2.5%	121,629
White Ledger	0.0%	0.0%	228	Branches & Stumps	6.4%	2.6%	89,239
Colored Ledger	0.0%	0.0%	30	Agricultural Crop	0.0%	0.0%	0
Computer Paper	0.0%	0.0%	159	Manures	0.0%	0.0%	0
Other Office Paper	0.0%	0.0%	26	Textiles	0.6%	0.5%	8,755
Magazines/Catalogs	0.1%	0.2%	2,081	Carpet	1.2%	0.8%	15,988
Phone Books/Directories	0.0%	0.0%	0	Remainder/Composite Organics	1.5%	1.2%	20,172
Other Misc. Paper	1.3%	1.2%	17,704				
Remainder/Composite Paper	1.2%	0.9%	16,551	<b>Construction &amp; Demolition</b>	<b>40.5%</b>		<b>561,837</b>
<b>Glass</b>	<b>0.2%</b>		<b>2,565</b>	Concrete	7.5%	4.8%	104,339
Clear Glass Bottles & Containers	0.0%	0.0%	39	Asphalt Paving	0.0%	0.0%	0
Green Glass Bottles & Containers	0.0%	0.0%	53	Asphalt Roofing	0.6%	0.6%	7,999
Brown Glass Bottles & Containers	0.0%	0.0%	98	Lumber	14.1%	4.2%	195,066
Other Colored Glass Bottles & Containers	0.0%	0.0%	0	Treated Wood Waste	4.1%	2.2%	56,934
Flat Glass	0.0%	0.0%	0	Gypsum Board	2.2%	1.6%	30,162
Remainder/Composite Glass	0.2%	0.2%	2,375	Rock, Soil, Fines	10.0%	3.7%	138,643
				Remainder/Composite C&D	2.1%	0.8%	28,694
<b>Metal</b>	<b>8.5%</b>		<b>117,771</b>	<b>Household Hazardous Waste</b>	<b>0.1%</b>		<b>1,208</b>
Tin/Steel Cans	0.1%	0.1%	1,029	Paint	0.0%	0.0%	0
Major Appliances	0.0%	0.1%	525	Vehicle & Equip. Fluids	0.0%	0.0%	0
Used Oil Filters	0.0%	0.0%	0	Used Oil	0.0%	0.0%	0
Other Ferrous	6.4%	3.1%	88,972	Batteries	0.0%	0.0%	0
Aluminum Cans	0.0%	0.0%	65	Remainder/Composite HHW	0.1%	0.1%	1,208
Other Non-Ferrous	0.1%	0.1%	949				
Remainder/Composite Metal	1.9%	1.1%	26,231	<b>Special Waste</b>	<b>9.9%</b>		<b>137,349</b>
<b>Electronics</b>	<b>0.3%</b>		<b>4,198</b>	Ash	0.0%	0.0%	0
Brown Goods	0.0%	0.0%	345	Sewage Solids	0.0%	0.0%	0
Computer-related Electronics	0.3%	0.4%	3,789	Industrial Sludge	0.0%	0.0%	0
Other Small Consumer Electronics	0.0%	0.0%	64	Treated Medical Waste	0.0%	0.0%	0
TV's & Other CRTs	0.0%	0.0%	0	Bulky Items	9.6%	3.5%	133,039
				Tires	0.3%	0.5%	4,310
<b>Plastic</b>	<b>4.1%</b>		<b>56,594</b>	Remainder/Composite Special Waste	0.0%	0.0%	0
PETE Bottles	0.0%	0.0%	56	<b>Mixed Residue</b>	<b>0.0%</b>		<b>0</b>
Other PETE Containers	0.0%	0.0%	3	Mixed Residue	0	0.0%	0
HDPE Natural Bottles	0.0%	0.0%	21				
HDPE Colored Bottles	0.0%	0.0%	61				
HDPE 5-gallon buckets - Food	0.1%	0.1%	931				
HDPE 5-gallon buckets - Non-food	0.0%	0.0%	409				
Other HDPE Containers	0.2%	0.2%	2,822				
#3-#7 Bottles	0.1%	0.2%	1,790				
#3-#7 Other Containers	0.3%	0.4%	3,549				
Plastic Trash Bags	0.1%	0.1%	886				
Grocery/Merch. Bags	0.1%	0.2%	1,691				
Non-Bag Comm./Ind. Packaging Film	0.4%	0.3%	5,300				
Film Products	0.0%	0.0%	113				
Other Film	0.0%	0.0%	307				
Durable Plastic Items	1.7%	0.9%	23,686	<b>Totals</b>	<b>100.0%</b>		<b>1,387,519</b>
Remainder/Composite Plastic	1.1%	0.7%	14,968	<b>Sample count:</b>	<b>160</b>		

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.

Figure H. Overview of Waste Divertibility: Overall Loose Drop-box, 2005



**Table 17. Top Ten Disposed Materials: Overall Loose Drop-box, 2005**

<b>Material</b>	<b>Divertible</b>	<b>Est. Percent</b>	<b>Cum. Percent</b>	<b>Est. Tons</b>
Lumber	yes	19.3%	19.3%	319,247
Bulky Items	no	8.3%	27.6%	136,938
Treated Wood Waste	no	5.7%	33.3%	94,686
Prunings & Trimmings	yes	5.3%	38.6%	87,569
Uncoated Corrugated Cardboard	yes	5.0%	43.5%	82,504
Leaves & Grass	yes	4.6%	48.2%	76,940
Food	yes	4.5%	52.7%	75,314
Other Ferrous Metal	yes	4.1%	56.9%	68,421
Remainder/Composite C&D	no	3.9%	60.8%	64,269
Rock, Soil, Fines	yes	3.8%	64.6%	63,045
<b>Total</b>		<b>64.6%</b>		<b>1,068,932</b>

The figures, when added together, may not exactly match the totals shown, due to rounding.

**Table 18. Detailed Waste Composition: Overall Loose Drop-box, 2005**

Material	Est. Percent	+ / -	Est. Tons	Material	Est. Percent	+ / -	Est. Tons
<b>Paper</b>	<b>10.5%</b>		<b>173,670</b>	<b>Organic</b>	<b>22.6%</b>		<b>373,480</b>
Uncoated Corrugated Cardboard	5.0%	1.7%	82,504	Food	4.5%	2.7%	75,314
Paper Bags/Kraft	0.2%	0.2%	3,064	Leaves & Grass	4.6%	2.8%	76,940
Newspaper	0.2%	0.1%	3,563	Prunings & Trimmings	5.3%	2.4%	87,569
White Ledger	0.1%	0.1%	1,259	Branches & Stumps	2.3%	1.3%	38,143
Colored Ledger	0.0%	0.0%	469	Agricultural Crop	0.0%	0.0%	0
Computer Paper	0.0%	0.0%	225	Manures	0.0%	0.0%	0
Other Office Paper	0.2%	0.3%	3,758	Textiles	0.9%	0.5%	14,466
Magazines/Catalogs	0.2%	0.3%	3,653	Carpet	2.8%	1.4%	46,441
Phone Books/Directories	0.0%	0.0%	0	Remainder/Composite Organics	2.1%	1.0%	34,608
Other Misc. Paper	2.7%	2.0%	45,362	<b>Construction &amp; Demolition</b>	<b>35.9%</b>		<b>594,297</b>
Remainder/Composite Paper	1.8%	1.1%	29,812	Concrete	1.4%	0.7%	22,406
<b>Glass</b>	<b>1.5%</b>		<b>24,045</b>	Asphalt Paving	0.0%	0.0%	0
Clear Glass Bottles & Containers	0.1%	0.1%	1,066	Asphalt Roofing	0.2%	0.2%	2,658
Green Glass Bottles & Containers	0.0%	0.0%	432	Lumber	19.3%	3.6%	319,247
Brown Glass Bottles & Containers	0.0%	0.0%	54	Treated Wood Waste	5.7%	1.8%	94,686
Other Colored Glass Bottles & Containers	0.0%	0.0%	0	Gypsum Board	1.7%	1.0%	27,986
Flat Glass	0.9%	1.1%	14,427	Rock, Soil, Fines	3.8%	2.2%	63,045
Remainder/Composite Glass	0.5%	0.7%	8,066	Remainder/Composite C&D	3.9%	2.0%	64,269
<b>Metal</b>	<b>10.1%</b>		<b>167,345</b>	<b>Household Hazardous Waste</b>	<b>0.2%</b>		<b>2,500</b>
Tin/Steel Cans	0.1%	0.0%	916	Paint	0.1%	0.1%	952
Major Appliances	1.8%	1.4%	29,406	Vehicle & Equip. Fluids	0.0%	0.0%	0
Used Oil Filters	0.0%	0.0%	0	Used Oil	0.0%	0.0%	0
Other Ferrous	4.1%	1.2%	68,421	Batteries	0.0%	0.0%	0
Aluminum Cans	0.0%	0.0%	268	Remainder/Composite HHW	0.1%	0.1%	1,549
Other Non-Ferrous	0.4%	0.4%	6,897	<b>Special Waste</b>	<b>9.3%</b>		<b>153,576</b>
Remainder/Composite Metal	3.7%	1.5%	61,437	Ash	0.1%	0.1%	1,305
<b>Electronics</b>	<b>0.4%</b>		<b>6,356</b>	Sewage Solids	0.0%	0.0%	0
Brown Goods	0.1%	0.2%	2,250	Industrial Sludge	0.0%	0.0%	0
Computer-related Electronics	0.1%	0.1%	1,216	Treated Medical Waste	0.0%	0.0%	0
Other Small Consumer Electronics	0.0%	0.0%	103	Bulky Items	8.3%	3.1%	136,938
TV's & Other CRTs	0.2%	0.2%	2,788	Tires	0.9%	0.8%	14,555
<b>Plastic</b>	<b>9.7%</b>		<b>160,365</b>	Remainder/Composite Special Waste	0.0%	0.1%	778
PETE Bottles	0.0%	0.0%	463	<b>Mixed Residue</b>	<b>0.0%</b>		<b>0</b>
Other PETE Containers	0.0%	0.0%	4	Mixed Residue	0	0.0%	0
HDPE Natural Bottles	0.0%	0.0%	326				
HDPE Colored Bottles	0.0%	0.0%	292				
HDPE 5-gallon buckets - Food	0.1%	0.1%	1,209				
HDPE 5-gallon buckets - Non-food	0.1%	0.1%	1,396				
Other HDPE Containers	0.1%	0.1%	1,080				
#3-#7 Bottles	0.0%	0.1%	674				
#3-#7 Other Containers	0.1%	0.1%	1,779				
Plastic Trash Bags	0.1%	0.1%	1,772				
Grocery/Merch. Bags	0.0%	0.0%	140				
Non-Bag Comm./Ind. Packaging Film	0.5%	0.4%	8,029				
Film Products	2.8%	2.3%	46,126				
Other Film	0.5%	0.7%	8,690				
Durable Plastic Items	3.7%	2.2%	60,614				
Remainder/Composite Plastic	1.7%	0.9%	27,772	<b>Totals</b>	<b>100.0%</b>		<b>1,655,634</b>
				<b>Sample count:</b>	<b>161</b>		

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.