

URBAN RECYCLING PROGRAM SUMMARY BY JURISDICTION\*

CARRBORO	URBAN CURBSIDE COLLECTION PROGRAM**												MULTI-FAMILY COLLECTION***				COMMERCIAL COLLECTION***			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	SETOUT RATE	SETOUT RATE	SETOUT RATE	% CHANGE FROM PREVIOUS YEAR	PARTICIPATION RATE	PARTICIPATION RATE*	PARTICIPATION RATE	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter		359	329	-8%	81%	50%	37%	-27%	-	85%	66%	-22%	95	90	85	-6%	46	55	48	-12%
2nd Quarter		358	378	6%	79%	50%	43%	-14%	-	85%	77%	-9%	94	86	87	2%	52	54	53	-3%
3rd Quarter		350	362	3%	76%	51%	50%	-3%	-	84%	83%	-2%	86	81	84	3%	49	54	52	-4%
4th Quarter		347	351	1%	80%	48%	43%	-10%	-	85%	82%	-3%	94	86	94	9%	49	57	44	-22%
Annual		1,413	1,420	0%	79%	50%	43%	-14%	-	85%	77%	-9%	368	344	350	2%	196	220	197	-10%

CHAPEL HILL	URBAN CURBSIDE COLLECTION PROGRAM**												MULTI-FAMILY COLLECTION***				COMMERCIAL COLLECTION***			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	SETOUT RATE	SETOUT RATE	SETOUT RATE	% CHANGE FROM PREVIOUS YEAR	PARTICIPATION RATE	PARTICIPATION RATE	PARTICIPATION RATE	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter	-	893	869	-3%	64%	45%	36%	-21%	-	79%	65%	-18%	190	181	181	0%	163	196	168	-14%
2nd Quarter	-	882	933	6%	65%	44%	40%	-9%	-	78%	71%	-8%	187	172	185	8%	185	194	184	-5%
3rd Quarter	-	870	893	3%	70%	31%	43%	38%	-	78%	76%	-2%	171	162	177	9%	174	192	189	-2%
4th Quarter	-	842	936	11%	59%	48%	40%	-17%	-	77%	75%	-2%	188	173	180	4%	177	202	189	-6%
Annual	-	3,486	3,631	4%	64%	42%	40%	-6%	-	78%	72%	-8%	737	688	724	5%	698	783	731	-7%

HILLSBOROUGH	URBAN CURBSIDE COLLECTION PROGRAM**												MULTI-FAMILY COLLECTION***				COMMERCIAL COLLECTION***			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	SETOUT RATE	SETOUT RATE	SETOUT RATE	% CHANGE FROM PREVIOUS YEAR	PARTICIPATION RATE	PARTICIPATION RATE	PARTICIPATION RATE	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter	-	166	168	1%	55%	41%	31%	-25%	-	76%	65%	-15%	27	25	5	-79%	32	39	35	-10%
2nd Quarter	-	170	171	0%	53%	43%	35%	-17%	-	78%	67%	-14%	26	24	6	-76%	36	38	39	2%
3rd Quarter	-	165	167	2%	48%	43%	39%	-9%	-	76%	72%	-5%	24	23	5	-76%	34	38	41	7%
4th Quarter	-	163	175	7%	60%	43%	38%	-12%	-	77%	70%	-8%	26	24	6	-77%	35	40	53	32%
Annual	-	664	681	3%	54%	43%	36%	-16%	-	77%	69%	-10%	103	97	22	-77%	138	155	167	8%

TOTAL SINGLE-STREAM COLLECTION ANALYSIS	URBAN CURBSIDE COLLECTION PROGRAM**												MULTI-FAMILY COLLECTION***				COMMERCIAL COLLECTION***			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	SETOUT RATE	SETOUT RATE	SETOUT RATE	% CHANGE FROM PREVIOUS YEAR	PARTICIPATION RATE	PARTICIPATION RATE	PARTICIPATION RATE	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter	1,098	1,418	1,366	-5%	67%	46%	35%	-17%	-	80%	65%	-18%	312	297	271	-9%	241	289	252	-13%
2nd Quarter	1,237	1,410	1,481	6%	66%	45%	39%	-9%	-	80%	72%	-10%	307	282	279	-1%	273	287	277	-4%
3rd Quarter	1,198	1,384	1,422	3%	65%	42%	44%	3%	-	79%	77%	-3%	281	266	266	0%	257	284	283	0%
4th Quarter	1,163	1,351	1,490	12%	66%	46%	40%	-9%	-	80%	76%	-5%	308	283	279	-1%	261	298	286	-4%
Annual	4,696	5,563	5,760	4%	66%	45%	40%	-8%	-	80%	73%	-9%	1,208	1,128	1,096	-3%	1,031	1,157	1,097	-5%

\* Due to the integrated nature of recycling collection operations throughout the county which helps to ensure efficient and optimal collection services, there is some minor overlap of collection services by program areas, e.g. The commercial recycling route collects some multi-family locations. To the extent possible, these variations in service collection are apportioned to each specific program accordingly.

\*\* The total tons by jurisdiction in the Urban Curbside Collection program is apportioned according to the participation rate and number of homes by jurisdiction. This assumes that each cart collected at the curb has the same average weight when collected.

\*\*\* Tons are apportioned in the Multi-Family and Commercial programs based on the average number of carts collected in each jurisdiction at each MF/Commercial site for that quarter. This assumes that each cart collected at each site has the same average weight when collected.

NOTES:

Participation Rate - the proportion of households served that take part in the curbside collection program at least once per month.

Setout Rate - the proportion of households that set out their recycling cart in any given week.

**OTHER COLLECTION PROGRAMS**

**RURAL CURBSIDE COLLECTION PROGRAM**

RURAL CURBSIDE COLLECTION	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	SETOUT RATE	SETOUT RATE	SETOUT RATE	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter	435	422	588	39%	38%	41%	44%	7%
2nd Quarter	486	451	607	35%	35%	44%	44%	0%
3rd Quarter	396	484	615	27%	35%	40%	44%	10%
4th Quarter	442	590	601	2%	40%	44%	44%	0%
Annual	1,759	1,947	2411	24%	37%	42%	44%	4%

NOTE: it is not possible given current data collection constraints to gather participation rates in the rural program.

24-HOUR DROP-OFF SITES - SINGLE STREAM\*

	CARRBORO PLAZA			% CHANGE FROM PREVIOUS YEAR	CEDAR FALLS			% CHANGE FROM PREVIOUS YEAR	HAMPTON POINT (HOME DEPOT)			% CHANGE FROM PREVIOUS YEAR	MEADOWMONT			% CHANGE FROM PREVIOUS YEAR	UNIVERSITY MALL			% CHANGE FROM PREVIOUS YEAR
	FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16	
1st Quarter	121	108	92	-15%	61	49	26	-46%	130	129	80	-38%	50	39	30	-24%	138	123	80	-35%
2nd Quarter	115	119	107	-10%	68	44	28	-36%	147	125	99	-21%	53	37	34	-6%	169	109	94	-13%
3rd Quarter	119	70	96	37%	58	42	31	-26%	124	105	81	-23%	52	37	35	-6%	137	98	91	-7%
4th Quarter	115	102	101	-1%	62	33	32	-3%	125	79	90	14%	55	33	38	15%	149	84	89	6%
Annual	469	398	395	-1%	249	168	118	-30%	527	439	350	-20%	210	145	137	-6%	593	413	354	

\* Corrugated cardboard is not included in the single-stream tonnage. Cardboard is collected separately from single stream in an integrated manner across program and jurisdictional boundaries and is included in the annual report.

TOTAL SINGLE-STREAM FOR ALL DROP-OFF SITES

	TOTAL FOR FY 2013/14	TOTAL FOR FY 2014/15	TOTAL FOR FY 2015/16	% CHANGE FROM PREVIOUS YEAR
1st Quarter	501	448	308	-31%
2nd Quarter	551	434	363	-16%
3rd Quarter	490	351	333	-5%
4th Quarter	506	331	350	6%
Annual	2,048	1,563	1,353	-13%

WASTE & RECYCLING CENTERS RECYCLING - SINGLE-STREAM\*

	BRADSHAW QUARRY			% CHANGE FROM PREVIOUS YEAR	EUBANKS RD			% CHANGE FROM PREVIOUS YEAR	FERGUSON RD			% CHANGE FROM PREVIOUS YEAR	HIGH ROCK			% CHANGE FROM PREVIOUS YEAR	WALNUT GROVE			% CHANGE FROM PREVIOUS YEAR
	FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY15/16		FY13/14	FY14/15	FY 15/16		FY13/14	FY14/15	FY15/16	
1st Quarter	53	64	56	-12%	112	109	77	-29%	88	105	70	-33%	75	79	52	-34%	93	114	93	-18%
2nd Quarter	56	71	53	-26%	125	104	70	-33%	94	108	70	-36%	81	77	50	-36%	110	112	90	-20%
3rd Quarter	52	60	57	-4%	109	94	72	-23%	87	80	74	-8%	66	63	51	-19%	98	95	91	-4%
4th Quarter	55	63	63	-1%	118	87	75	-14%	92	79	82	4%	77	63	58	-7%	112	95	98	3%
Annual	215	258	230	-11%	464	395	293	-26%	362	372	296	-21%	299	282	210	-25%	413	415	371	-11%

\* Corrugated cardboard is not included in the single-stream tonnage. Cardboard is collected in an integrated manner across program and jurisdictional boundaries and is included in the annual report.

TOTAL SINGLE-STREAM FOR ALL WASTE & RECYCLING CENTERS

	TOTAL FOR FY 2013/14	TOTAL FOR FY 2014/15	TOTAL FOR FY 2015/16	% CHANGE FROM PREVIOUS YEAR
1st Quarter	421	470	348	-26%
2nd Quarter	466	474	332	-30%
3rd Quarter	413	391	344	-12%
4th Quarter	454	387	376	-3%
Annual	1,753	1,723	1,400	-19%

SOLID WASTE COLLECTION BY JURISDICTION

SOLID WASTE CONVENIENCE CENTERS (TOTAL)	MUNICIPAL SOLID WASTE (TOTAL)*				YARD WASTE				MUNICIPAL SOLID WASTE (NON-RESIDENTIAL)			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter			2,561				217				273	
2nd Quarter			2,583				165				284	
3rd Quarter			2,478				204				270	
4th Quarter			2,887				241				271	
Annual	9,819	9,869	10,509	6%	926	744	827	11%	893	933	1,098	18%

CARRBORO	MUNICIPAL SOLID WASTE (RESIDENTIAL)*				YARD WASTE				MUNICIPAL SOLID WASTE (NON-RESIDENTIAL)			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter			705				326				1,062	
2nd Quarter			713				702				1,004	
3rd Quarter			544				195				1,025	
4th Quarter			630				252				1,156	
Annual	2,671	2,762	2,592	-6%	1,496	1,549	1,474	-5%	3,775	4,215	3,222	-24%

CHAPEL HILL	MUNICIPAL SOLID WASTE (RESIDENTIAL)*				YARD WASTE				MUNICIPAL SOLID WASTE (NON-RESIDENTIAL)			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter			1,689				765				1,935	
2nd Quarter			1,652				580				1,934	
3rd Quarter			1,598				517				1,804	
4th Quarter			1,734				847				1,985	
Annual	6,715	6,646	6,673	0%	2,875	8,672	2709	-69%	8,031	7,435	7,658	3%

HILLSBOROUGH	MUNICIPAL SOLID WASTE (RESIDENTIAL)*				YARD WASTE				MUNICIPAL SOLID WASTE (NON-RESIDENTIAL)			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
1st Quarter			371				140				421	
2nd Quarter			378				132				421	
3rd Quarter			362				108				421	
4th Quarter			388				655				421	
Annual	1,533	1,440	1,499	4%	844	928	1,035	12%	1,778	1,709	1,684	-1%

\* Orange County MSW (Residential) includes MSW and bulky waste collection from Waste and Recycling Centers only. MSW (non-residential) Includes MSW and bulky waste from Orange County Schools and some local/State government buildings, and bulky waste only from some Chapel Hill Schools and the Lincoln Center.

\*\* Chapel Hill and Carrboro MSW (Residential) tonnage refers to the solid waste collected by the Town in roll carts and bulky items. This is waste primarily from single-family homes. However, there are wastes

\*\*\* Hillsborough MSW (Residential) tonnage refers to the solid waste collected by the Town in roll carts and includes bulky items. This is waste primarily from single-family homes. However, there are wastes from a few small multi-family properties and small businesses/non-residential properties (e.g., bank, church, etc.) included in this tonnage report. MSW (Non-residential) tonnage refers to the solid waste collected by the franchisee in dumpsters. This waste is typically from commercial locations, schools, and large multi-family properties.

\*\*\*\*Yard Waste from Chapel Hill includes bagged leaves collected from the curb, but not leaves collected from leaf vacuum machines curbside.

NOTE: "Yard Waste" for all towns generally includes yard waste items, including tonnage from fall leaf collection (see footnote above regarding Chapel Hill yard waste). Only yard waste, such as tree limbs, grass clippings and brush, is accepted at the Waste and Recycling Centers.

NOTE2: This data only includes MSW collected and controlled by the above stated jurisdictions. This data does not include collection data from private haulers or information from the Town of Mebane.

ANNUAL SUMMARY REPORT

	MUNICIPAL SOLID WASTE (RESIDENTIAL) ANNUAL TOTAL				YARD WASTE				MSW (Non-Residential)			
	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR	TONS	TONS	TONS	% CHANGE FROM PREVIOUS YEAR
	FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16		FY 13/14	FY 14/15	FY 15/16	
SOLID WASTE CC	9,819	9,869	10,509	6%	926	744	827	11%	893	933	1,098	18%
CARRBORO	2,671	2,762	2,592	-6%	1,496	1,549	1,474	-5%	3,775	4,215	3,222	-24%
CHAPEL HILL	6,715	6,646	6,673	0%	2,875	8,672	2,709	-69%	8,031	7,435	7,658	3%
HILLSBOROUGH	1,533	1,440	1,499	4%	844	928	1,035	12%	1,778	1,709	1,684	-1%