



**BEVERAGE CONTAINER
DEPOSIT AND REDEMPTION
STATISTICS**

**As Reported
For The Period**

October 1, 2003 - September 30, 2004

**New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
625 Broadway, Albany, NY 12233-7253**

George E. Pataki, Governor

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Beverage Container Deposit and Redemption Statistics

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Beverage Container Deposit and Redemption Statistics

A. INTRODUCTION

Each year the New York State Department of Environmental Conservation (DEC) conducts a Deposit Initiator Survey to obtain data from deposit initiators on beverage containers sold and redeemed in New York State. The data in the Survey are reported for the 12-month period of October 1 through September 30. "Deposit initiators" are, in the case of refillable beverage containers, bottlers or brewers and, in the case of non-refillable containers, beverage distributors.

This Beverage Container Deposit and Redemption Statistics Report was developed using deposit information obtained from the 2004 Deposit Initiator Survey. This information is required to be provided to the DEC by deposit initiators pursuant to 6 NYCRR Part 367.11, under authority granted by Title 10, Article 27 of the Environmental Conservation Law. The data as reported is unaudited and no independent verification of data has been done. Accordingly, the extent of underreporting, if it occurred, is unknown.

The data is provided for areas of the State according to the DEC regions (see Figure 1).

B. DEPOSIT SYSTEM IN NEW YORK STATE

The container deposit system in New York State requires a minimum of five cents deposit to be initiated by the first distributor for each filled beverage container sold. The distributor (deposit initiator) receives the five cents from the dealer (retailer), who purchases the filled beverage container, and the retailer in turn passes along this charge to the consumer.

During redemption, the opposite scenario takes place. After redeeming the empty beverage container, the consumer receives the five cents from the retailer, and the retailer in turn is reimbursed the five cents plus a two cent handling fee from the deposit initiator for the empty container.

C. DEPOSIT INITIATOR SURVEY METHODOLOGY

This survey was initiated in November 2004 by sending out 191 survey forms to all known potential deposit initiators, with a response deadline of December 30, 2004. Of the original 191 survey forms sent, 22 were determined to: no longer be a deposit initiator; no longer be an operating business; never was a deposit initiator; or did not initiate any deposits during the reporting period. Therefore, this Report is based on a statistical field of 169 survey forms.

After receipt, the forms were reviewed for obvious reporting omissions, incomplete information, or any other apparent problems. When necessary, deposit initiators were contacted by telephone for clarification of the reported data. After review, the data was entered into a computer data base for tabulation.

Many of the respondents combined soda and wine product dollar amounts with beer amounts when reporting deposits initiated and redeemed and handling fees paid. However, for deposit initiators whose primary market is beer, soda is typically only one or two percent of the total sales, and wine products may be even less. This fact has been verified by New York State Beverage Industry Association representatives. Therefore, the error from the combined reported soda and wine product figures with the beer figures is considered insignificant.

D. SUMMARY OF STATISTICS

A tabulation of data from the 2004 Deposit Initiators Survey is contained in Tables 1 through 5. A summary of these statistics is as follows:

- The overall Statewide redemption rate for all beverage containers was about 69.2 percent, which was no change from the previous year.
- The redemption rate for beer containers was 80 percent, an increase of 2.3 percent over the previous year.
- The redemption rate for soda containers (which includes carbonated water and other carbonated drinks) was 58 percent, a decrease of 2.8 percent from last year.
- The redemption rate for wine product containers was 59 percent, a decrease of 10.1 percent from last year.
- Northern and central New York State demonstrated the highest overall redemption rates. Redemption rates for beer, soda and wine product containers by DEC region are shown in Table 3. These rates are based on the domicile of the deposit initiator, not on the place of sale or redemption.
- Consumers paid a reported total of \$264.2 million worth of deposits, a decrease of \$19.4 million from last year's total, and redeemed \$182.8 million worth of empty containers, a decrease of \$13.3 million from last year.
- There was an estimated \$81.3 million worth of unredeemed deposits, a decrease of \$6.1 million from the previous year.
- According to the surveys for the period of October 1, 2003 to September 30, 2004, an estimated 5.3 billion beverage containers were sold in New York State, a decrease of 0.4 billion from last year.

New York State Department of Environmental Conservation
 Division of Solid & Hazardous Materials
 Deposit and Redemption Statistics
 (10/1/2003 - 09/30/2004)

Table 1
Yearly Deposits Initiated and Redeemed by Beverage Type

Beverage Type	Deposits Charged	Deposits Redeemed	Unclaimed Deposits	Redemption Rate
Beer : Non-refillable	\$130,867,499	\$104,393,962	\$26,473,536	79.8%
Beer : Refillable	\$3,960,461	\$3,407,070	\$553,391	86.0%
Total Beer	\$134,827,960	\$107,801,033	\$27,026,927	80.0%
Soda : Non-refillable	\$129,294,207	\$75,005,847	\$54,288,360	58.0%
Soda : Refillable	\$0	\$0	\$0	0.0%
Total Soda	\$129,294,207	\$75,005,847	\$54,288,360	58.0%
Wine products	\$38,625	\$22,806	\$15,819	59.0%
Total: All Beverages	\$264,160,791	\$182,829,685	\$81,331,106	69.2%

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Table 2

Consolidated Redemption Rate by Region

Region	Deposits Charged	Deposits Redeemed	Unclaimed Deposits	Redemption Rate
1	\$33,950,745	\$18,298,213	\$15,652,532	53.9%
2	96,719,131	61,287,135	35,431,996	63.4%
3	23,074,655	12,149,015	10,925,641	52.7%
4	15,022,254	11,261,555	3,760,699	75.0%
5	13,984,468	12,844,612	1,139,857	91.8%
6	7,571,604	6,692,965	878,639	88.4%
7	13,099,560	11,883,167	1,216,393	90.7%
8	17,304,889	14,818,531	2,486,358	85.6%
9	17,285,776	14,323,174	2,962,603	82.9%
Out of State	26,147,709	19,271,319	6,876,390	73.7%
Total	\$264,160,791	\$182,829,685	\$81,331,106	69.2%

Note: Data are by Region of domicile of the Deposit Initiator, not Region where redemption occurred.

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Deposit and Redemption Statistics

(10/1/2003 - 09/30/2004)

Table 3
Redemption Rate by Region and Beverage Type

BEER				
Region	Deposits Charged	Deposits Redeemed	Unclaimed Deposits	Redemption Rate
1	\$15,239,227	\$9,751,465	\$5,487,762	64.0%
2	54,862,565	41,390,717	13,471,848	75.4%
3	7,930,143	5,264,312	2,665,831	66.4%
4	3,636,519	3,208,524	427,996	88.2%
5	10,993,168	10,718,773	274,395	97.5%
6	5,304,595	4,805,480	499,115	90.6%
7	10,459,971	10,196,725	263,246	97.5%
8	11,425,077	9,530,575	1,894,502	83.4%
9	14,418,641	12,451,694	1,966,947	86.4%
Out of State	558,054	482,769	75,285	86.5%
Total Beer	\$134,827,960	\$107,801,033	\$27,026,927	80.0%

SODA				
Region	Deposits Charged	Deposits Redeemed	Unclaimed Deposits	Redemption Rate
1	\$18,711,518	\$8,546,748	\$10,164,770	45.7%
2	41,829,040	19,875,621	21,953,419	47.5%
3	15,144,513	6,884,703	8,259,809	45.5%
4	11,385,731	8,053,031	3,332,700	70.7%
5	2,989,060	2,125,838	863,222	71.1%
6	2,267,009	1,887,485	379,524	83.3%
7	2,638,738	1,685,738	953,000	63.9%
8	5,875,243	5,287,494	587,749	90.0%
9	2,863,701	1,870,638	993,062	65.3%
Out of State	25,589,655	18,788,551	6,801,104	73.4%
Total Soda	\$129,294,207	\$75,005,847	\$54,288,360	58.0%

WINE PRODUCTS				
Region	Deposits Charged	Deposits Redeemed	Unclaimed Deposits	Redemption Rate
1	\$0	\$0	\$0	0.0%
2	27,526	20,797	6,729	75.6%
3	0	0	0	0.0%
4	4	0	4	0.0%
5	2,240	0	2,240	0.0%
6	0	0	0	0.0%
7	851	705	146	82.8%
8	4,569	462	4,107	10.1%
9	3,435	842	2,593	24.5%
Out of State	0	0	0	0.0%
Total Wine products	\$38,625	\$22,806	\$15,819	59.0%

Note: Data are by Region of domicile of the Deposit Initiator, not Region where redemption occurred.

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Deposit and Redemption Statistics
(10/1/2003 - 09/30/2004)

Table 4
Beverage Containers by Type

Beverage Type	Number of Containers on which Deposits were Initiated
<hr/>	
BEER CONTAINERS	
Non-refillable	2,617,349,971
Refillable	79,209,226
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TOTAL BEER CONTAINERS	2,696,559,197
SODA CONTAINERS	
Non-refillable	2,585,884,139
Refillable	0
	<hr/>
TOTAL SODA CONTAINERS	2,585,884,139
WINE PRODUCTS CONTAINERS	772,492
	<hr/>
TOTAL - ALL CONTAINERS	5,283,215,828

Note: Many survey respondents reported deposits initiated on refillable and non-refillable containers as combined totals. Unspecified containers were considered to be non-refillable.

Table 5
New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Solid Waste, Reduction & Recycling

Deposit and Redemption Statistics for the Returnable Beverage Container Law

Year	Deposits Initiated*	Number of Containers**	Deposits Redeemed*	Number of Redeemed Containers***	Unredeemed Deposits	Handling Fees Paid*	Redemption Rate	Tons Recycled by Material***			Total Tons Recycled
								Glass	Aluminum	Plastic	
03-04	\$264,160,791	5,283,215,828	\$182,829,685	3,656,593,700	\$81,331,106	\$74,817,543	69.2%	106,956	42,042	54,849	203,846
02-03	\$283,595,561	5,671,911,220	\$196,159,448	3,923,188,960	\$87,436,113	\$72,356,444	69.2%	114,753	45,107	58,848	218,708
01-02	\$296,583,854	5,931,677,078	\$208,338,950	4,166,779,000	\$88,244,904	\$83,797,610	70.2%	121,878	47,908	62,502	232,288
00-01	\$283,743,554	5,674,871,080	\$197,965,983	3,959,319,660	\$85,777,571	\$76,559,855	69.8%	115,810	45,522	59,390	220,722
99-00	\$274,520,919	5,490,418,380	\$189,732,465	3,794,649,300	\$84,788,454	\$72,044,695	69.1%	110,993	43,629	56,919	211,541
98-99	\$294,391,713	5,887,834,260	\$211,743,854	4,234,877,080	\$82,647,859	\$75,624,666	71.9%	123,870	48,690	63,523	236,083
97-98	\$264,008,276	5,280,165,520	\$197,139,245	3,942,784,900	\$66,869,031	\$59,141,774	74.7%	115,327	45,332	59,142	219,801
96-97	\$255,963,632	5,119,272,620	\$194,787,384	3,895,747,680	\$61,176,248	\$58,436,215	76.1%	219,136	46,213	24,348	289,697
95-96	\$247,927,163	4,958,543,260	\$187,617,980	3,752,359,600	\$60,309,183	\$56,285,394	75.7%	211,070	44,512	23,452	279,034
94-95	\$276,789,553	5,535,791,060	\$214,808,135	4,296,162,700	\$61,981,418	\$61,401,026	77.6%	241,659	50,963	26,851	319,473
93-94	\$285,233,845	5,704,676,900	\$217,964,111	4,359,282,220	\$67,269,734	\$62,780,311	76.4%	245,210	51,712	27,246	324,168
92-93	\$285,548,074	5,710,961,480	\$218,450,417	4,369,008,340	\$67,097,657	\$62,584,910	76.5%	245,757	51,827	27,306	324,890
91-92	\$290,856,000	5,817,120,000	\$222,322,000	4,446,440,000	\$68,534,000	\$65,029,000	76.4%	250,112	52,746	27,790	330,648
90-91	\$307,943,000	6,158,860,000	\$233,125,000	4,662,500,000	\$74,818,000	\$66,697,000	75.7%	262,266	55,309	29,141	346,716
89-90	\$309,933,000	6,198,660,000	\$224,740,000	4,494,800,000	\$85,193,000	\$64,360,000	72.5%	252,833	53,320	28,093	334,246
88-89	\$297,545,500	5,950,910,000	\$213,135,700	4,262,714,000	\$84,409,800	\$59,360,800	71.6%	239,778	50,566	26,642	316,986
87-88	\$301,589,000	6,031,780,000	\$221,928,000	4,438,560,000	\$79,661,000	\$64,011,000	73.6%	249,669	52,652	27,793	330,114
86-87	\$288,755,652	5,775,113,043	\$222,341,852	4,446,837,043	\$66,413,800	\$61,528,054	77.0%	250,135	52,751	27,741	330,627
85-86	\$290,879,524	5,817,590,476	\$229,794,824	4,595,896,476	\$61,084,700	\$61,980,609	79.0%	258,519	54,519	28,724	341,762
84-85	\$282,964,000	5,659,280,000	\$226,722,600	4,534,452,000	\$56,241,400	\$62,112,639	80.1%	255,063	53,790	28,340	337,193
83-84	\$192,165,297	3,843,305,940	\$137,608,265	2,752,165,300	\$54,557,032	\$40,946,581	71.6%	154,809	32,648	17,201	204,658
Total	\$5,875,097,908	117,501,958,145	\$4,349,255,898	86,985,117,959	\$1,525,842,010	\$1,361,856,126	74.00%	4,145,603	1,021,758	785,841	5,953,201

* Data reported by deposit initiators.

** Assumes that all containers have a minimum five cents deposit

*** Assumes the following distribution:

Market Share of Containers Sold

Glass - 13%
Aluminum - 63%
Plastic - 24%

Container Weight

0.45 lb
0.0365 lb
0.125 lb

Percentages adjusted during the 1997-98 report period. Prior to that, glass was 25%; aluminum 65%; and plastic 10%.

REGIONAL OFFICES Solid & Hazardous Materials Engineers

New York State
Department of Environmental Conservation

LEGEND



Regional Headquarters

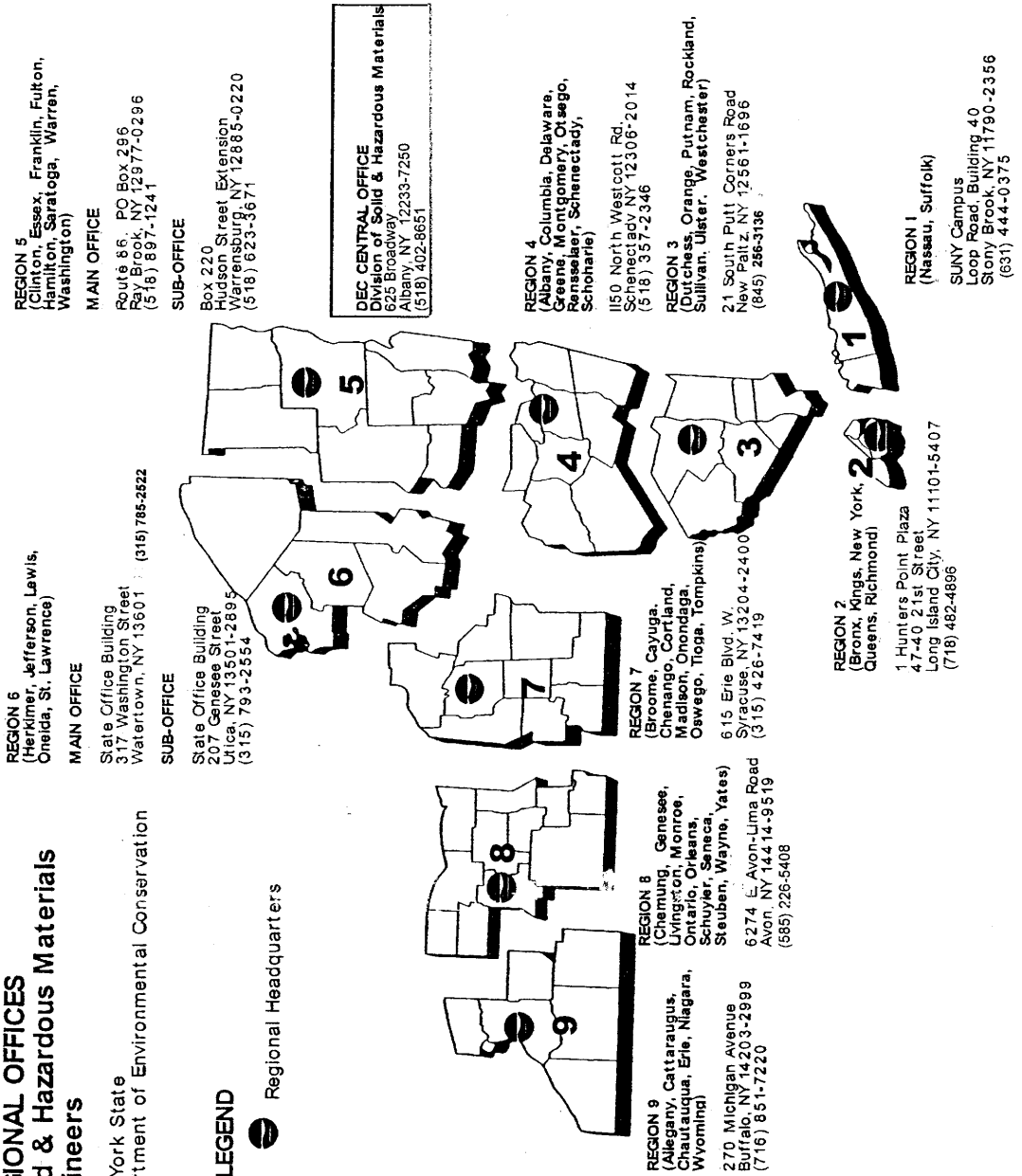


Figure 1