

2019 ANNUAL REPORT

# DEPOSITS, REFUNDS AND RECOVERY RATES

Detailed statistics on the weight and number of containers recovered.

Summary of overall units recycled, and the per capita statistics.



# 6

## 6.1 DEPOSIT CHANGE

As the industry-owned not-for-profit stewardship agency, Encorp is responsible for managing B.C.'s beverage container system and implementing deposit increases.

Encorp has been operating B.C.'s beverage container system for 25 years and focused on providing a convenient, efficient and environmentally sustainable network for everyone in B.C. In 2018, Encorp increased its recovery rate from prior years to 77.4% and focused on finding ways to improve the recovery rate even further. Diverting beverage containers from landfills, oceans and waterways remains one of Encorp's highest priorities and has informed its mandate over the years.

Encorp is aligned with the goals of the B.C. Government to protect our environment and divert even more plastic and other waste from landfills and the ocean. With the intention of providing an additional incentive for consumers to return their beverage containers on November 1st, Encorp raised the deposit on all non-alcoholic beverage containers registered in the Return-It system (under and including 1 litre) from 5 cents to 10 cents. This deposit increase applies to 80% of the containers in our system – including ready-to-drink beverage containers such as soft drinks, juice, energy and sport drinks, and water.

Container Type	Deposit Refund before Nov1, 2019	Deposit Refund after Nov1, 2019
Aluminum	5.0 cents	<b>10.0 cents</b>
Plastic ≤ 1L	5.0 cents	<b>10.0 cents</b>
Plastic > 1L	20.0 cents	20.0 cents
Polystyrene	5.0 cents	<b>10.0 cents</b>
Glass ≤ 1L	5.0 cents	<b>10.0 cents</b>
Glass > 1L	20.0 cents	20.0 cents
Bi-Metal ≤ 1L	5.0 cents	<b>10.0 cents</b>
Bi-Metal > 1L	20.0 cents	20.0 cents
Bag-In-Box	20.0 cents	20.0 cents
Drink Boxes ≤ 500 ml	5.0 cents	<b>10.0 cents</b>
Drink Boxes 501 ml - 1L	5.0 cents	<b>10.0 cents</b>
Drink Boxes > 1L	20.0 cents	20.0 cents
Gable Top ≤ 1L	5.0 cents	<b>10.0 cents</b>
Gable Top > 1L	20.0 cents	20.0 cents
Drink Pouches	5.0 cents	<b>10.0 cents</b>

## 6.1 DEPOSIT CHANGE

Encorp led the change in deposit rates to ensure the increase was managed efficiently and effectively for all British Columbians and the businesses that were impacted by this change. The announcement was made public during Waste Reduction Week through a press release and to help inform the public of this system change, a short but effective marketing campaign throughout B.C. including TV, radio, online video, newsprint and social media.

### TV

One 15 second TV spot was created to let viewers know about the deposit increase on beverage containers in B.C. The spot was broadcasted on premium sites like Global TV, CTV and CBC across the province.

Total impressions: 2,603,500



### Radio

One 10 second radio spot was created to announce the change. The spot ran in the Lower Mainland and Capital Regional District.

Total impressions: 3,894,310

### Social Media

Two social media posts were shared through all of our networks and boosted with the objective of informing users of the system change and where they could find more information.

Total Impressions: 1,191,627

### Pre-Roll

15-second spot ran on YouTube, Bell Media, Rogers Network, Corus Entertainment, CBC and Tremor Video.

Total Impressions: 442,425

### Newspaper

8 newspaper insertions across the major Vancouver and Victoria Publications, with ¼ page, full colour ads. Newspapers included Vancouver Sun, The Province, Victoria Times Colonist and Globe & Mail.

Total Impressions: 1,987,000



## 6.2 RECYCLING BY THE NUMBERS

We prevented over 1 billion containers from going to landfills in 2019, ensuring that they were recycled into useful new materials and products. That's a big win for British Columbia's environment.

**1 Billion** Containers Collected | **78.1%** Recovery Rate | **\$77,587,390** Deposits Refunded

Container Type	Containers Sold		Containers Recovered		% Recovery Rate	
	2019	2018	2019	2018	2019	2018
<b>Aluminum</b>	<b>504,502,096</b>	<b>474,732,423</b>	<b>407,845,669</b>	<b>382,480,812</b>	<b>80.8%</b>	<b>80.6%</b>
Plastic ≤ 1L	449,480,508	461,921,701	328,589,138	332,821,372	73.1%	72.1%
Plastic > 1L	61,743,716	63,350,585	52,873,013	53,531,363	85.6%	84.5%
<b>Plastic Total</b>	<b>511,224,224</b>	<b>525,272,286</b>	<b>381,462,151</b>	<b>386,352,735</b>	<b>74.6%</b>	<b>73.6%</b>
Glass	215,052,960	227,783,448	196,909,028	206,528,437	91.6%	90.7%
Drink Box	91,402,170	97,501,144	52,939,195	55,438,624	57.9%	56.9%
Gable Top	10,179,965	10,520,053	6,951,325	7,339,722	68.3%	69.8%
Bi-Metal	3,794,610	4,402,779	3,187,644	3,650,435	84.0%	82.9%
Bag-In-Box	3,990,418	4,089,087	2,077,558	2,006,502	52.1%	49.1%
Pouches	8,774,917	6,551,183	2,311,962	1,669,204	26.3%	25.5%
<b>Totals</b>	<b>1,348,921,360</b>	<b>1,350,852,403</b>	<b>1,053,684,532</b>	<b>1,045,466,471</b>	<b>78.1%</b>	<b>77.4%</b>

Note: Calculations may show slight variances due to rounding.

## 6.2 RECYCLING BY THE NUMBERS

### RECOVERY BY WEIGHT

In 2019, Encorp Pacific recovered over 93.76 thousand metric tonnes of containers.

**87.6%** 2019 Recovery  
Rate by Weight

**87.0%** 2018 Recovery  
Rate by Weight

TYPE	ESTIMATED WEIGHT OF CONTAINERS SOLD (KG)	ESTIMATED WEIGHT OF CONTAINERS RECOVERED (KG)	RECOVERY BY WEIGHT %
Aluminum	6,861.2	5,546.5	80.8%
Plastic	13,790.6	10,594.0	76.8%
Glass	82,606.6	75,172.6	91.0%
Polycoat	2,552.3	1,729.6	67.8%
Pouches	49.0	12.9	26.3%
Bag-in-Box	933.3	485.9	52.1%
Bi-Metal	272.3	221.5	81.3%
<b>Totals</b>	<b>107,065.3</b>	<b>93,763.0</b>	<b>87.6%</b>

Note: Calculations may show slight variances due to rounding.



## 6.3 REGIONAL PER CAPITA RETURNS

### Provincial Totals:

Units Returned	1,053,684,532
Weight Collected (Tonnes)	93,763.0
Per Capita Units Returned	207.8
Per Capita Weight Collected (Kilograms)	18.5

### Regional Breakdown:

Region Name		Aluminum	Plastic	Glass	Polycoat	Other	Total	Jan.-Dec.2019 Per Capita	Jan.-Dec.2018 Per Capita	Change to Per Capita Container Returns / Units (000)
Bulkley / Nechako	Units(000)	4,280	3,813	978	544	45	9,660	243.8	249.8	(6.0) dec.
	Tonnes	58.2	100.4	359.7	13.1	4.9	536.3	13.5 kg	14.2 kg	
Cariboo	Units(000)	7,483	7,187	2,032	869	121	17,692	270.3	277.4	(7.1) dec.
	Tonnes	101.8	192.9	749.1	23.2	10.9	1,077.9	16.5 kg	17.8 kg	
Central Coast	Units(000)	288	205	83	37	3	616	172.3	182.1	(9.8) dec.
	Tonnes	3.9	6.3	30.5	0.9	0.4	42.0	11.7 kg	12.3 kg	
Fraser - Fort George	Units(000)	13,114	12,025	3,273	1,752	180	30,344	293.5	297.9	(4.4) dec.
	Tonnes	178.3	315.9	1,219.6	42.3	14.5	1,770.6	17.1 kg	18.2 kg	
Kitimat - Stikine	Units(000)	4,759	4,554	973	634	75	10,995	275.7	262.7	13.0 inc.
	Tonnes	64.7	120.9	369.7	15.8	5.3	576.4	14.5 kg	14.3 kg	
Skeena - Queen Charlotte	Units(000)	2,699	2,945	657	300	53	6,654	344.7	316.0	28.7 inc.
	Tonnes	36.7	76.6	244.0	8.2	2.8	368.3	19.1 kg	19.4 kg	
Northern Rockies	Units(000)	496	821	93	54	4	1,468	296.3	242.4	53.9 inc.
	Tonnes	6.7	20.1	35.9	1.3	0.4	64.4	13.0 kg	11.3 kg	
Peace River	Units(000)	6,743	8,350	1,660	921	103	17,777	265.8	261.8	4.0 inc.
	Tonnes	91.7	216.1	607.8	23.5	5.6	944.7	14.1 kg	14.8 kg	
Capital Regional District	Units(000)	35,538	27,476	18,974	4,448	583	87,019	207.9	207.6	0.3 inc.
	Tonnes	483.3	800.8	7,354.3	140.7	72.3	8,851.4	21.1 kg	22.2 kg	
Cowichan Valley	Units(000)	10,760	8,307	4,011	1,163	188	24,429	270.1	264.0	6.1 inc.
	Tonnes	146.3	232.6	1,563.0	34.2	21.9	1,998.0	22.1 kg	22.1 kg	
Alberni / Clayoquot	Units(000)	4,629	3,816	1,695	458	75	10,673	320.4	308.7	11.7 inc.
	Tonnes	63.0	106.1	636.8	14.0	6.7	826.6	24.8 kg	24.7 kg	
Comox	Units(000)	7,708	6,167	3,495	886	151	18,407	253.5	261.9	(8.4) dec.
	Tonnes	104.8	174.2	1,358.7	27.7	20.2	1,685.6	23.2 kg	24.6 kg	
Mount Waddington	Units(000)	1,878	1,408	414	174	19	3,893	333.7	328.9	4.8 inc.
	Tonnes	25.5	39.6	158.2	4.7	2.7	230.7	19.8 kg	19.8 kg	

Note: Calculations may show slight variances due to rounding.

## 6.3 REGIONAL PER CAPITA RETURNS

Regional Breakdown:

Region Name		Aluminum	Plastic	Glass	Polycoat	Other	Total	Jan.-Dec.2019	Jan.-Dec.2018	Change to Per
								Per Capita	Per Capita	Capita Container
Nanaimo	Units(000)	15,845	13,164	7,218	1,839	286	38,352	225.7	224.9	0.8 inc.
	Tonnes	215.5	367.9	2,819.4	54.9	40.8	3,498.5	20.6 kg	21.4 kg	
Strathcona	Units(000)	4,226	3,167	1,508	441	73	9,415	191.8	176.5	15.3 inc.
	Tonnes	57.5	89.3	591.6	13.3	9.5	761.2	15.5 kg	14.9 kg	
Greater Vancouver	Units(000)	168,227	167,780	98,346	29,973	3,619	467,945	173.9	175.5	(1.6) dec.
	Tonnes	2,287.9	4,709.7	37,215.0	871.6	282.6	45,366.8	16.9 kg	17.4 kg	
Fraser Valley	Units(000)	32,404	29,829	10,259	4,695	593	77,780	234.6	241.6	(7.0) dec.
	Tonnes	440.7	818.3	3,831.6	126.4	47.6	5,264.6	15.9 kg	16.9 kg	
Powell River	Units(000)	2,211	1,581	898	240	46	4,976	235.8	228.0	7.8 inc.
	Tonnes	30.1	46.1	346.9	7.6	6.4	437.1	20.7 kg	20.7 kg	
Squamish - Lillooet	Units(000)	4,365	4,195	4,134	524	74	13,292	286.7	296.2	(9.5) dec.
	Tonnes	59.4	116.5	1,555.5	16.2	6.7	1,754.3	37.8 kg	41.1 kg	
Sunshine Coast	Units(000)	2,775	1,798	1,954	325	55	6,907	217.1	216.6	0.5 inc.
	Tonnes	37.7	53.6	769.7	10.8	8.9	880.7	27.7 kg	28.3 kg	
Central Okanagan	Units(000)	19,496	19,363	10,252	2,524	324	51,959	239.2	251.7	(12.5) dec.
	Tonnes	265.1	526.7	4,076.9	73.7	37.8	4,980.2	22.9 kg	24.4 kg	
North Okanagan	Units(000)	10,125	9,983	4,174	1,292	157	25,731	283.2	280.6	2.6 inc.
	Tonnes	137.7	274.7	1,642.5	38.9	19.2	2,113.0	23.3 kg	23.6 kg	
Okanagan - Similkameen	Units(000)	9,743	9,457	5,203	1,098	171	25,672	288.2	288.4	(0.2) dec.
	Tonnes	132.5	259.6	2,095.2	33.2	25.2	2,545.7	28.6 kg	29.0 kg	
Columbia Shuswap	Units(000)	6,072	5,558	2,893	732	99	15,354	275.0	276.1	(1.1) dec.
	Tonnes	82.6	151.7	1,075.9	21.5	12.7	1,344.4	24.1 kg	25.2 kg	
Thompson - Nicola	Units(000)	16,514	16,003	5,644	2,145	255	40,561	277.6	283.0	(5.4) dec.
	Tonnes	224.6	428.5	2,121.3	58.4	26.9	2,859.7	19.6 kg	21.0 kg	
Central Kootenay	Units(000)	5,716	3,991	2,544	688	93	13,032	205.8	204.0	1.8 inc.
	Tonnes	77.7	115.4	962.0	20.2	11.4	1,186.7	18.7 kg	19.3 kg	
East Kootenay	Units(000)	6,592	6,050	2,539	728	81	15,990	247.2	255.6	(8.4) dec.
	Tonnes	89.6	164.3	990.6	21.4	9.4	1,275.3	19.7 kg	20.7 kg	
Kootenay Boundary	Units(000)	3,160	2,469	1,005	407	51	7,092	212.1	210.8	1.3 inc.
	Tonnes	43.0	69.2	391.2	11.9	6.6	521.9	15.6 kg	15.8 kg	
<b>Total Units</b>	<b>Units(000)</b>	<b>407,846</b>	<b>381,462</b>	<b>196,909</b>	<b>59,891</b>	<b>7,577</b>	<b>1,053,685</b>	<b>207.8</b>	<b>209.4</b>	<b>(1.6) dec.</b>
<b>Total kg</b>	<b>Tonnes</b>	<b>5,546.5</b>	<b>10,594.0</b>	<b>75,172.6</b>	<b>1,729.6</b>	<b>720.3</b>	<b>93,763.0</b>	<b>18.5 kg</b>	<b>19.2 kg</b>	

Note: Calculations may show slight variances due to rounding.