



6

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.

6.1 RECYCLING BY THE NUMBERS

We prevented over 1 billion containers from going to landfills in 2016, 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%** Recovery Rate | **\$70,167,158** Deposits Refunded

Number of Used Beverage Containers Collected by the Encorp System (millions)



RECOVERY BY WEIGHT

In 2016, Encorp Pacific (Canada) recovered over 92.9 thousand metric tonnes of containers.

85.4% 2016 Recovery Rate by Weight

87.4% 2015 Recovery Rate by Weight

TYPE	ESTIMATED WEIGHT OF CONTAINERS SOLD (mt)	ESTIMATED WEIGHT OF CONTAINERS RECOVERED (mt)	RECOVERY BY WEIGHT %
Aluminum	6,108.2	5,023.5	82.2%
Plastic	13,889.5	10,534.5	75.8%
Glass	84,651.2	74,710.5	88.3%
Polycoat	2,735.3	1,842.0	67.3%
Pouches	21.8	8.2	37.7%
Bag-In-Box	928.6	444.6	47.9%
Bi-Metal	439.7	347.1	78.9%
Totals	108,774.3	92,910.4	85.4%

Note: Calculations may show slight variances due to rounding.

RECOVERY RATE

Container Type	Containers Sold		Containers Recovered		% Recovery Rate	
	2016	2015	2016	2015	2016	2015
Aluminum	430,155,054	425,545,707	353,768,128	352,555,076	82.2%	82.8%
Plastic ≤ 1L	420,650,153	407,451,458	303,231,561	300,221,486	72.1%	73.7%
Plastic > 1L	57,697,661	60,791,309	48,553,178	50,242,998	84.2%	82.6%
Plastic Liquor ≤ 1L	11,250,454	11,259,701	9,146,498	8,963,252	81.3%	79.6%
Plastic Liquor > 1L	4,509,439	4,471,504	4,104,838	4,088,334	91.0%	91.4%
Plastic Total	494,107,707	483,973,972	365,036,075	363,516,070	73.9%	75.1%
Glass ≤ 1L	29,823,595	27,057,998	21,982,082	21,711,312	73.7%	80.2%
Glass > 1L	86,126	87,743	98,701	142,237	114.6%	162.1%
Glass NRBC ≤ 1L	105,066,119	105,802,406	98,021,404	100,120,627	93.3%	94.6%
Glass NRBC > 1L	272,677	301,966	317,637	367,690	116.5%	121.8%
Glass W&S ≤ 1L	87,319,276	82,939,545	77,263,087	75,170,894	88.5%	90.6%
Glass W&S > 1L	11,210,732	10,951,728	9,772,402	9,814,217	87.2%	89.6%
Glass Total	233,778,525	227,141,386	207,455,313	207,326,977	88.7%	91.3%
Drink Box ≤ 500 mL	74,348,463	77,028,689	38,878,199	39,670,850	52.3%	51.5%
Drink Box 501 mL - 1L	25,333,617	25,316,163	19,148,806	18,551,364	75.6%	73.3%
Gable Top ≤ 500 mL	740,497	612,158	292,905	243,465	39.6%	39.8%
Gable Top 501 mL - 1L	934,198	898,680	419,396	442,742	44.9%	49.3%
Gable Top > 1L	10,334,927	10,588,765	7,654,011	7,995,320	74.1%	75.5%
Polycoat Total	111,691,702	114,444,455	66,393,317	66,903,741	59.4%	58.5%
Bi-Metal ≤ 1L	4,972,017	5,820,162	4,500,712	4,706,433	90.5%	80.9%
Bi-Metal > 1L	776,573	760,737	404,782	372,376	52.1%	48.9%
Bi-Metal Total	5,748,590	6,580,899	4,905,494	5,078,809	85.3%	77.2%
Bag-In-Box Liquor	3,791,788	3,532,430	1,815,240	1,670,513	47.9%	47.3%
Pouches	3,649,106	4,808,990	1,376,243	2,239,268	37.7%	46.6%
Bag-In-Box and Pouches Total	7,440,894	8,341,420	3,191,483	3,909,781	42.9%	46.9%
Totals	1,282,922,473	1,266,027,839	1,000,749,811	999,290,454	78.0%	78.9%

Note: Calculations may show slight variances due to rounding.

6.2 REGIONAL PER CAPITA RETURNS

Provincial Totals:

Units Returned	1,000,749,811
Weight Collected (Tonnes)	92,910
Per Capita Units Returned	210.6
Per Capita Weight Collected (Kilograms)	19.6

Regional Breakdown:

Region Name		Aluminum	Plastic	Glass	Polycoat	Other	Total	Jan.- Dec. 2016	Jan.- Dec. 2015	Change to Per Capita Container Returns / Units (000)
								Per Capita	Per Capita	
Bulkley / Nechako	Units(000)	4,061.0	3,846.0	1,199.0	606.0	39.0	9,751.0	241.5	236.0	5.5
	Tonnes	57.7	105.9	411.9	13.8	4.8	594.1	14.7 kg	14.6 kg	
Cariboo	Units(000)	7,148.0	6,474.0	2,410.0	981.0	71.0	17,084.0	270.7	272.9	(2.2)
	Tonnes	101.5	182.9	836.0	23.6	10.0	1,154.0	18.3 kg	18.8 kg	
Central Coast	Units(000)	343.0	204.0	71.0	42.0	4.0	664.0	204.2	175.7	28.5
	Tonnes	4.9	6.5	26.8	1.1	0.3	39.6	12.2 kg	10.8 kg	
Fraser - Fort George	Units(000)	11,719.0	11,286.0	4,010.0	2,031.0	139.0	29,185.0	321.0	323.2	(2.2)
	Tonnes	166.4	309.7	1,372.5	47.5	14.7	1,910.8	21.0 kg	21.6 kg	
Kitimat - Stikine	Units(000)	4,421.0	4,102.0	1,090.0	676.0	48.0	10,337.0	279.8	273.3	6.5
	Tonnes	62.7	114.8	396.3	16.1	5.5	595.4	16.1 kg	15.6 kg	
Skeena - Queen Charlotte	Units(000)	2,539.0	2,213.0	752.0	342.0	31.0	5,877.0	338.0	331.0	7.0
	Tonnes	36.1	62.7	266.4	8.5	3.3	377.0	21.7 kg	21.3 kg	
Northern Rockies	Units(000)	532.0	817.0	129.0	72.0	3.0	1,553.0	259.0	302.2	(43.2)
	Tonnes	7.6	20.9	46.2	1.6	0.4	76.7	12.8 kg	15.1 kg	
Peace River	Units(000)	6,337.0	7,696.0	1,998.0	970.0	83.0	17,084.0	256.9	275.0	(18.1)
	Tonnes	90.0	205.9	683.6	23.8	5.5	1,008.8	15.2 kg	17.2 kg	
Capital Regional District	Units(000)	29,630.0	26,709.0	21,301.0	5,177.0	644.0	83,461.0	218.1	215.7	2.4
	Tonnes	420.7	807.3	7,796.7	155.5	77.5	9,257.7	24.2 kg	24.0 kg	
Cowichan Valley	Units(000)	9,109.0	7,618.0	4,004.0	1,275.0	170.0	22,176.0	264.0	259.0	5.0
	Tonnes	129.4	222.2	1,485.4	35.0	21.3	1,893.3	22.5 kg	22.2 kg	
Alberni / Clayoquot	Units(000)	4,054.0	3,538.0	1,768.0	501.0	63.0	9,924.0	323.0	321.8	1.2
	Tonnes	57.6	101.8	628.5	14.4	6.7	809.0	26.3 kg	26.2 kg	
Comox	Units(000)	6,951.0	6,559.0	3,668.0	986.0	154.0	18,318.0	282.5	281.3	1.2
	Tonnes	98.8	189.1	1,359.2	29.4	20.3	1,696.8	26.2 kg	25.6 kg	
Mount Waddington	Units(000)	1,591.0	1,302.0	413.0	187.0	17.0	3,510.0	315.1	300.2	14.9
	Tonnes	22.6	38.1	153.7	4.7	2.3	221.4	19.9 kg	20.0 kg	

Note: Calculations may show slight variances due to rounding.

DEPOSITS, REFUNDS AND RECOVERY RATES

Regional Breakdown:

Region Name		Aluminum	Plastic	Glass	Polycoat	Other	Total	Jan.- Dec. 2016	Jan.- Dec. 2015	Change to Per Capita Container Returns / Units (000)
								Per Capita	Per Capita	
Nanaimo	Units(000)	13,298.0	12,310.0	7,785.0	1,939.0	300.0	35,632.0	226.1	231.4	(5.3)
	Tonnes	188.8	358.3	2,858.4	57.8	41.7	3,505.0	22.2 kg	22.7 kg	
Strathcona	Units(000)	3,185.0	2,625.0	1,409.0	434.0	60.0	7,713.0	167.1	161.3	5.8
	Tonnes	45.2	76.8	521.5	12.5	8.2	664.2	14.4 kg	14.1 kg	
Greater Vancouver	Units(000)	145,738.0	162,416.0	99,049.0	32,909.0	4,409.0	444,521.0	173.8	178.4	(4.6)
	Tonnes	2,069.4	4,720.1	35,596.2	929.1	351.3	43,666.1	17.1 kg	17.5 kg	
Fraser Valley	Units(000)	28,312.0	28,976.0	11,022.0	5,685.0	513.0	74,508.0	247.3	246.4	0.9
	Tonnes	402.1	832.7	3,848.7	143.8	52.6	5,279.9	17.5 kg	17.4 kg	
Powell River	Units(000)	1,912.0	1,488.0	885.0	237.0	44.0	4,566.0	224.6	232.0	(7.4)
	Tonnes	27.2	45.1	330.0	7.2	6.5	416.0	20.5 kg	21.3 kg	
Squamish - Lillooet	Units(000)	3,639.0	4,382.0	4,725.0	599.0	91.0	13,436.0	323.5	328.3	(4.8)
	Tonnes	51.7	124.7	1,657.4	17.3	7.9	1,859.0	44.8 kg	44.6 kg	
Sunshine Coast	Units(000)	2,360.0	2,027.0	2,097.0	389.0	63.0	6,936.0	237.2	230.2	7.0
	Tonnes	33.5	62.0	778.7	12.8	9.8	896.8	30.7 kg	29.6 kg	
Central Okanagan	Units(000)	16,725.0	18,117.0	11,116.0	2,866.0	331.0	49,155.0	249.4	243.9	5.5
	Tonnes	237.6	514.1	4,099.5	79.0	40.6	4,970.8	25.2 kg	24.5 kg	
North Okanagan	Units(000)	8,952.0	9,258.0	4,550.0	1,411.0	130.0	24,301.0	285.4	313.6	(28.2)
	Tonnes	127.0	265.1	1,659.7	40.9	17.7	2,110.4	24.8 kg	25.8 kg	
Okanagan - Similkameen	Units(000)	8,470.0	8,862.0	5,439.0	1,147.0	161.0	24,079.0	298.7	279.2	19.5
	Tonnes	120.3	254.4	2,042.7	33.3	24.1	2,474.8	30.7 kg	28.7 kg	
Columbia Shuswap	Units(000)	5,358.0	5,698.0	3,218.0	804.0	90.0	15,168.0	291.6	298.7	(7.1)
	Tonnes	76.0	159.5	1,130.7	22.3	12.3	1,400.8	26.9 kg	27.0 kg	
Thompson - Nicola	Units(000)	14,047.0	14,471.0	6,349.0	2,211.0	211.0	37,289.0	276.1	274.8	1.3
	Tonnes	199.4	405.8	2,217.6	57.8	26.2	2,906.8	21.5 kg	21.5 kg	
Central Kootenay	Units(000)	4,764.0	3,696.0	2,986.0	697.0	112.0	12,255.0	201.6	201.0	0.6
	Tonnes	67.6	110.9	1,044.7	19.8	13.5	1,256.5	20.7 kg	20.8 kg	
East Kootenay	Units(000)	5,873.0	6,030.0	2,939.0	817.0	71.0	15,730.0	266.8	272.7	(5.9)
	Tonnes	83.4	169.4	1,065.3	22.2	9.0	1,349.3	22.9 kg	23.5 kg	
Kootenay Boundary	Units(000)	2,699.0	2,316.0	1,074.0	402.0	46.0	6,537.0	218.4	226.1	(7.7)
	Tonnes	38.3	67.8	396.1	11.2	5.9	519.3	17.4 kg	18.2 kg	
Total Units	Units(000)	353,767.0	365,036.0	207,456.0	66,393.0	8,098.0	1,000,750.0	210.6	213.4	(2.8)
Total kg	Tonnes	5,023.5	10,534.5	74,710.4	1,842.0	799.9	92,910.3	19.6 kg	19.8 kg	

Note: Calculations may show slight variances due to rounding.