

Costco Wholesale Global Waste Stream Report (FY25)¹

COMMODITY	Unit of Measure	US	CN ²	MX	UK	JP	KR	TW ³	AU	SP	FR	ISL	CH	NZ	SW	GLOBAL TOTAL
		US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons	US Tons
REUSE - ORGANICS & FOOD WASTE																
FOOD DONATIONS		76,072.68 ³	21,825.00 ²	7,033.43 ²	2,521.13	1,018.67	658.36 ³	727.72	1,011.06 ²	102.49	344.17	177.97	16.49	39.07 ²	145.56	111,693.80
ANIMAL FEED		12,462.50 ³	0.00	452.20 ²	0.00	326.54	2,350.92	3,528.36	0.00	0.00	16.25	0.00	1,391.59	0.00	0.00	20,528.36
OTHER (Please note)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RECYCLE - ORGANICS & FOOD WASTE																
MEAT RENDERING		158,106.49	1,331.00	728.45 ²	817.41	277.41	2,871.94	1,034.01	147.46	23.42	0.00	0.00	218.13	22.05	0.00	165,577.77
COMPOST		12,239.38 ²	6,944.00	618.12 ²	0.00	1,226.69	2,916.08	0.00	263.58	1,377.48	0.00	0.00	0.00	79.70	0.00	25,665.03
RECLAMATION - ORGANICS & FOOD WASTE																
ANAEROBIC DIGESTION		16,083.79 ²	0.00	0.00	3,188.01	841.96	0.00	0.00	0.00	469.54	483.04	88.58	0.00	0.00	376.23	21,531.14
USED COOKING OIL		4,608.42	995.00	527.40 ²	480.47 ²	268.34	0.00	62.35	49.36	36.61	24.60	7.11	18.37	2.91	1,315.97	8,396.92
GREASE TRAPS ⁴		48,147.89	1,586.00	7,054.07 ²	35.95	9,052.99	0.00	0.00	1,783.54	352.59	40.01	0.00	0.00	209.01	0.00	68,262.05
REUSE - NON FOOD/OTHER																
NON-FOOD DONATIONS		19,610.36 ³	1,360.00 ²	254.08 ²	0.30	0.00	23.44	57.78	0.00	3.75 ²	105.41	0.00	2.01	0.00	0.00	21,417.13
NON-FOODS SALVAGE		121,338.52	21,650.00 ²	0.00	2,310.05	678.19	2,423.78	745.82	982.90 ²	0.00	89.03	1.00	135.56	39.08 ²	22.77	150,416.70
RECYCLE - NON FOOD/OTHER																
CARDBOARD		502,259.35	145,318.00	31,927.49 ²	18,460.80	31,146.81	28,355.43	17,217.04	12,061.83	1,634.49	886.15	503.13	2,897.31	1,122.86	349.02	794,139.70
SHRINK WRAP (LDPE)		16,291.89	4,058.00	1,591.21 ²	1,111.82	1,477.57	1,181.37	674.25	471.63	98.07	36.73	7.73	245.36	31.47	4.14	27,281.23
SCRAP METAL		10,151.83 ³	3,110.00	394.58 ²	331.45	452.37	139.87	149.35	154.00	5.72	12.58	8.11	6.30	10.59	1.05	14,927.80
MIXED PLASTICS		2,052.51	1,676.00 ²	218.35 ²	543.77	2,095.53	65.22	88.88	0.07	0.00	2.54	3.02	42.75	0.00	4.23	6,792.86
WOOD		3,163.52	180.00	74.54 ²	158.60	1,534.02	0.00	4,815.88	837.96	466.36	0.00	0.32	9.73	180.00	72.34	11,493.27
PAPER, COUPONS & BOOKS		4,664.74	2,340.00	196.88 ²	118.83	241.54	150.27	17.84	17.72	5.44	0.00	0.06	3.85	1.19	0.38	7,758.74
GLASS		548.70	0.00	4.17 ²	33.60	50.51	0.00	74.20	0.00	1.87	1.41	0.84	0.74	0.00	1.59	717.63
COMMINGLED (SINGLE-STREAM) RECYCLING		6,834.58 ²	0.00	0.00	240.59	1,101.66	0.00	0.00	20.22	0.00	0.00	0.00	0.00	11.91	0.00	8,208.96
STYROFOAM (EPS)		464.20	0.00	52.71 ²	0.00	487.68	309.05	205.09	0.00	24.16	3.03	0.00	21.50	0.00	0.00	1,567.42
AUTO BATTERIES ⁴		48,898.73	6,583.00	1,819.88 ²	43.19	140.19	235.27	30.40	18.40	4.09	2.10	1.58	0.00	1.79	0.62	57,779.25
TIRES ⁴		96,414.08	11,378.00	2,853.38 ²	2,893.78	3,002.05	3,419.06	2,047.67	2,064.85	448.12	115.88	48.79	668.43	101.25	54.45	125,509.78
I.S. ELECTRONIC WASTE		209.45	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.45
ELECTRONIC WASTE		3,206.50	1,636.00	255.10 ²	149.52	1.21	3.38	1.66	11.03	5.91	19.77	1.57	0.00	1.98	0.32	5,293.95
LIGHT BULBS		0.00	0.00	0.00	0.00	1.20	0.00	0.96	0.00	0.02	0.00	0.00	0.59	0.00	0.00	2.77
HOUSEHOLD BATTERIES		11.43	6.00	0.00	3.78	3.80	0.00	0.51	0.00	0.15	2.01	0.07	0.24	0.00	0.01	28.00
CONSUMER CHEMICAL PRODUCTS ⁵		241.53	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	241.85
MATTRESSES		2,289.29	0.00	0.00	1.84	2.11	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	2,293.72
OTHER (Please note)		1,513.43 ³	0.00	91.31 ²	0.00	0.00	0.00	0.00	1,153.46 ⁵	0.00	20.94 ⁵	0.00	0.00	23.99 ⁵	0.00	2,803.13
RECLAMATION - NON FOOD/OTHER																
WASTE TO ENERGY or ENERGY RECOVERY FROM WASTE		13,872.85	0.00	19.96	6,322.09	18,610.07	5,272.00	4,134.69	0.00	702.96	346.16	249.78	2,766.61	0.00	324.59	52,621.77
OTHER (Please note)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49 ⁵	9.38 ⁵	0.00	0.00	0.00	0.32 ⁵	0.00	11.19
WASTE																
LANDFILLED		271,761.34 ²	64,257.00	9,769.04 ²	0.00	0.00	0.00	0.00	8,304.03	383.37	5.27	0.00	0.00	526.66	0.00	355,006.70
WASTE TO ENERGY - FOOD ONLY ⁶		0.00	0.00	0.00	0.00	493.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	493.05
INCINERATION - ALL OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAZARDOUS WASTE - LANDFILLED		0.00	220.00	1.54 ²	0.00	0.00	0.00	0.00	14.89	0.00	0.00	0.00	0.00	1.05	0.00	237.48
SEWER OR WASTEWATER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL WASTE DIVERTED (excludes WTE)		1,167,885.78	231,991.00	56,147.36	33,444.97	55,429.04	45,103.44	31,479.78	21,050.56	5,069.88	2,227.07	849.88	5,678.93	1,902.84	2,348.68	1,660,564.60
TOTAL WASTE DIVERTED		1,181,758.63	231,991.00	56,167.32	39,767.06	74,039.11	50,375.44	35,614.48	21,050.56	5,772.84	2,552.29	1,099.66	8,445.54	1,878.85	2,673.27	1,713,186.37
TOTAL WASTE PRODUCED		1,453,519.97	296,468.00	65,937.90	39,767.06	74,532.16	50,375.44	35,614.48	29,369.48	6,156.21	2,557.56	1,099.66	8,445.54	2,406.88	2,673.27	2,068,923.60
DIVERSION % (includes waste to energy) ⁷		81.30%	78.25%	85.18%	100.00%	99.34%	100.00%	100.00%	71.67%	93.77%	99.79%	100.00%	100.00%	78.06%	100.00%	82.81%

Notes

¹ FY25 data includes information for warehouses, distribution centers, ancillary businesses, Costco Logistics, manufacturing businesses, call centers, data centers, and regional offices.

The data is compiled from the best available resources at the time of publication, may change as new information becomes available, and will be restated if necessary in future reports.

² Includes estimations or explanations on weights. See below for additional details.

The reasons for estimation include, but are not limited to, missing scale tickets, unavailability or malfunctioning scales or equipment, and containers that cannot be weighed by the waste hauler.

US: 5.9% of reported compactor tonnage is based on an estimated weight. For compactors, historical average of tonnage is utilized to determine estimated weights. Front load containers are estimated by using EPA density factor of waste, container size, and service frequency.

The estimations for front load containers, as explained above, is also used to estimate organics and single stream recycling. US Costco locations consider 60% of the total value as diverted material. This estimate is used to account for bins that are not utilized to capacity and contents of the bins. Since cardboard and metal are primarily backhauled this leads to lighter recycling weights.

Locations with emergency live loads of trash pickups are estimated based on the volume of the truck loaded.

Canada: Food donations, non-foods donations and non-foods salvage weights are based on actual weights of items in the system, but items are not weighed at the time of donation or salvage.

Front load containers are estimated by using EPA density factor of waste, container size, and service frequency.

All reported numbers from Canada were rounded to the nearest whole number.

Mexico: 7.03% of the overall data reported has been estimated using historical data. Categories which include estimations are annotated.

Recycled non-food material includes estimated construction and demolition.

UK: Used cooking oil is estimated using the grease trap conversion factor of 7.5 pounds per gallon.

Australia: Food donation and non-foods salvage weights are calculated based on system weights; some items with variable weights may be estimated.

Spain: Non-foods donation weights are estimated by the number of Costco carts, each cart is estimated at 40kg.

New Zealand: Food donation and salvage weights are calculated based on system weights; some items with variable weights may be estimated.

³ Includes weights that are self-reported by locations utilizing a pallet jack scale.

⁴ Includes estimations on weights details below

If weight of automotive batteries was not available, the standardized weight is 36 pounds (US) or 16.3 kilograms; this was converted from number of units to US tons.

If weight of tires was not available, the standardized weight is 22.5 pounds (US) or 10.2 kilograms; this was converted from number of units to US tons.

Grease traps are measured by volume in most areas. The conversion is 7.5 pounds per gallon in the US.

⁵ Includes material specification not defined in commodity column details below

Other Non-food recycling includes, but are not limited to, textiles and construction and demolition.

Non-food recycled chemical consumer products include, but are not limited to, Detergents: Depackage contents, recycle containers, blend contents, sell blended product. Ethyl Alcohol / Sugar Recovery:

Bulk into alternate fuel through distillation, packaging recycled, or Alcoholic Beverages: Bulk into alternate fuel through distillation, & packaging.

⁶ Food waste - waste to energy via incineration is not considered diversion.

⁷ Diversion % is equal to the total amount of all recycled, donated, composted, and waste to energy waste streams + All waste produced (includes waste to energy as diverted material).