

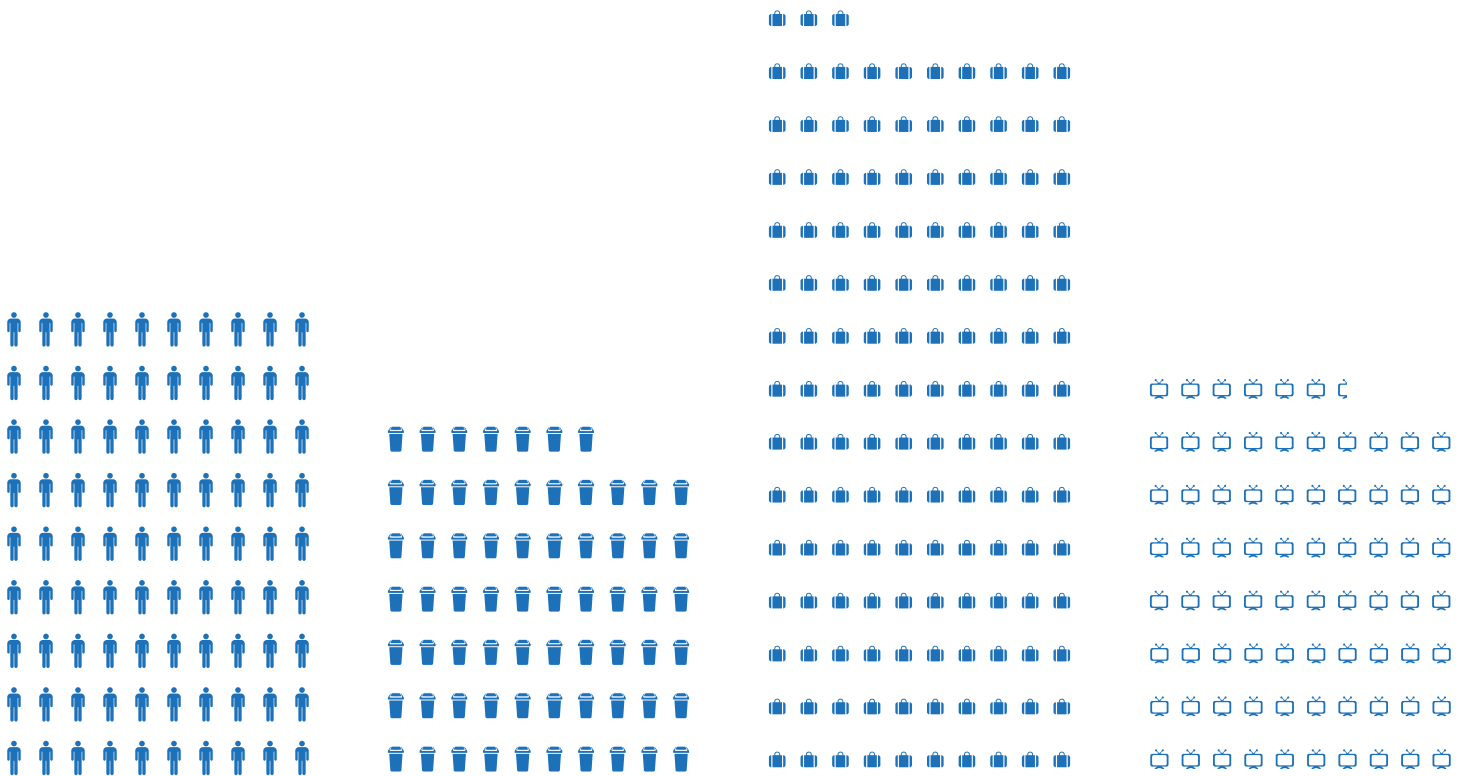


# EVENT DATA

## Summary of results

**EVENT:** LOVE YOUR COAST NORTH SHORE CLEAN-UP

**DATE:** 14 TO 16 APRIL, 2011



Including 630 students from 6 local schools. = 10 people.

Equivalent to 67 full large kerbside wheelie bins (240 litre capacity).

Equivalent to 143 suitcases at the full baggage allowance (23kg).

Includes one TV interview, extensive press and radio media. = 20,000 media hits.

# 900

# 16,081

Litres

# 3,295

Kilograms

# 1,530,000



PARTICIPANTS



VOLUME



WEIGHT



MEDIA



# EVENT DATA

## Detailed breakdown

**EVENT:** LOVE YOUR COAST NORTH SHORE CLEAN-UP

**DATE:** 14 TO 16 APRIL, 2011

CATEGORY / MATERIAL	ITEM COUNT	WEIGHT (KG)	VOLUME (L)
<b>HOUSEHOLD AND PERSONAL</b>			
Appliances (refrigerators, washers, etc.)	14	68.00	220.00
Batteries (household e.g. AA)	3	0.01	0.01
Bleach/Cleaner Bottles	42	3.60	75.00
Cigarette Lighters	105	1.50	5.40
Cigarette Packaging/Wrappers/Cigarette butts	1,142	1.70	7.20
Clothing pegs/pins	160	1.20	6.00
Clothing, Shoes	693	361.20	1,440.00
Condoms	53	0.01	0.10
Diapers	10	1.60	7.00
Gardening Related	695	196.80	1,240.00
Household (cosmetics, brushes etc.)	203	2.00	5.00
Light Bulbs/Tubes	-	-	-
Medical (asthma inhalers, pill packets etc)	180	1.50	7.50
Pens	10	0.08	0.30
Shotgun Shells/Wadding	11	-	0.20
Syringes	8	0.01	0.10
Tampons/Tampon Applicators	5	0.04	0.10
Toys (including balls, fireworks etc)	622	15.70	133.80
<b>SUBTOTAL</b>	<b>3,956</b>	<b>654.95</b>	<b>3,147.71</b>
<b>FOOD RELATED</b>			
6-Pack Holders	19	0.01	1.00
Beverage Bottles (glass)	1,620	498.60	1,440.00
Beverage Bottles (plastic)	2,603	130.82	2,750.00
Beverage Cans	2,439	47.00	988.00
Caps, Lids	4,916	112.00	198.00
Cups, Plates, Forks, Knives, Spoons	101	5.80	34.00
Food Wrappers/Containers	7,572	79.60	792.00
Lollipop sticks	848	1.30	34.20
Pull Tabs	126	0.10	0.10
Straws, Stirrers	1,146	2.30	59.80
<b>SUBTOTAL</b>	<b>21,390</b>	<b>877.53</b>	<b>6,297.10</b>
<b>FISHING RELATED</b>			
Bait Containers/Packaging	105	1.60	51.50
Boat parts	-	-	-
Buoys/Floats	-	20.30	26.00
Crab/Lobster/Fish Traps	-	-	-
Crates / Buckets	31	28.90	241.00
Fishing Line	138	1.80	196.00
Fishing Lures/Light Sticks	30	0.02	0.80
Fishing Nets	-	-	-
Rope	248	171.10	658.00
<b>SUBTOTAL</b>	<b>552</b>	<b>223.72</b>	<b>1,173.30</b>



# EVENT DATA

## Detailed breakdown

**EVENT: LOVE YOUR COAST NORTH SHORE CLEAN-UP**

**DATE: 14 TO 16 APRIL, 2011**

CATEGORY / MATERIAL	ITEM COUNT	WEIGHT (KG)	VOLUME (L)
<b>VEHICLE RELATED</b>			
Batteries (vehicle)	8	99.20	13.60
Cars/Car Parts	90	91.50	121.00
Oil/Lube Bottles/Cans	7	2.20	21.50
Parking tickets and receipts	92	0.10	0.80
Tyres	30	300.00	976.00
<b>SUBTOTAL</b>	<b>227</b>	<b>493.00</b>	<b>1,132.90</b>
<b>CONSTRUCTION RELATED</b>			
55-Gallon Drums	-	-	-
Building Materials	1,152	643.20	990.00
Pallets	-	-	-
Plastic Sheeting/Tarps	603	67.60	331.00
Strapping Bands	306	2.10	58.00
<b>SUBTOTAL</b>	<b>2,061</b>	<b>712.90</b>	<b>1,379.00</b>
<b>OTHER</b>			
Bags (paper)	69	0.60	6.00
Bags (plastic)	3,941	137.10	965.00
Cardboard boxes and packaging	181	13.20	264.00
Glass bottle pieces	1,519	149.80	197.00
Organic waste	-	-	-
Plastic resin pellets	994	0.70	1.00
Plastic of unknown origin	1,295	14.40	330.00
Polystyrene/foam	5,886	17.10	1,188.00
<b>SUBTOTAL</b>	<b>13,885</b>	<b>332.90</b>	<b>2,951.00</b>
<b>TOTAL</b>	<b>42,071</b> <i>Items</i>	<b>3,295</b> <i>Kilograms</i>	<b>16,081</b> <i>Litres</i>

### NOTES

This data shows some interesting findings. Most notable was the fact that on the eastern beaches – which are open and sandy – we found many smaller pieces of plastic, while on the southern coastline – which is mainly muddy mangroves – we found much more dumped, older material. We attribute this to the fact that the open sandy beaches were mainly cleaned by school students that we had educated about microplastics and their effects on the environment shortly before the event, while the southern coastline was cleaned-up by adults.

There was also a very high count and volume of household gardening rubbish, probably due to the high population concentration in close proximity to Auckland's North Shore. We also counted a greater number of plastic bottles in proportion to lids than we did just offshore on Rangitoto Island due to smaller rubbish making it into the storm drain system and waterways, thus escaping offshore and either landing in a place like Rangitoto Island, or going further out to sea.



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to download more detailed Excel version of data