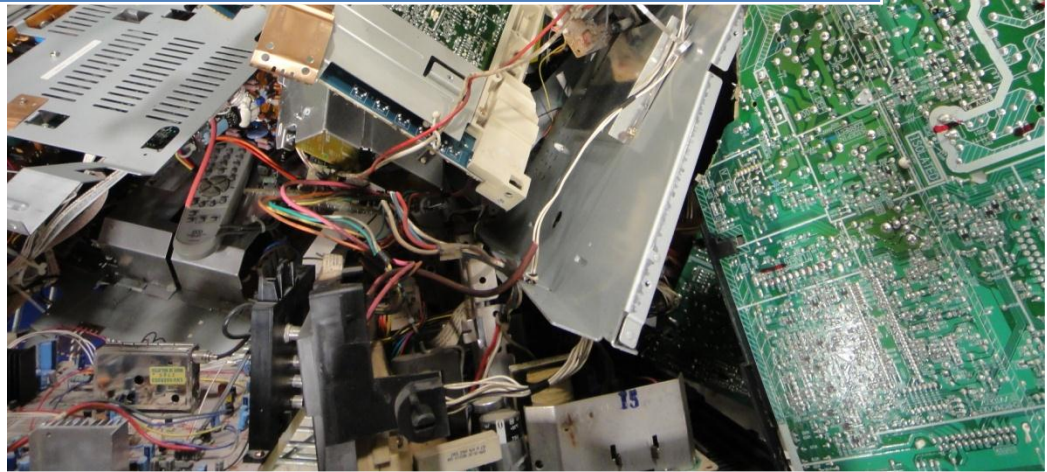


# August 2012

## E-waste:

A Survey of Household Electronic  
Products in the Northwest Territories





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### Introduction

As part of the Waste Reduction and Recovery Program's five-year plan, the Department of Environment and Natural Resources (ENR) has begun work toward establishing a program to reuse/refurbish/recycle electronic waste (e-waste) in the Northwest Territories (NWT). ENR has commissioned an *Inventory and Feasibility Assessment of E-waste Recovery in the NWT* to determine the best way to address e-waste in the NWT. To complement this study and to gain additional information regarding electronic products use and purchasing habits in the NWT, ENR conducted an informal survey of NWT residents.

### Methodology

A simple, short survey (Appendix A) to determine NWT residents' electronic purchasing, product use and disposal habits was developed for residents to complete in less than ten minutes. Categories of electronic items listed in the survey were based on electronic items commonly captured in end-of-life electronics regulations in other Canadian jurisdictions.

Both hard and electronic copies of the survey were distributed:

- Hard copies of the survey were sent to ENR regional offices;
- Hard copies of the survey and handbills with a link to the electronic version of the survey were sent for distribution by electronics retailers, community and Aboriginal governments, and a number of Beverage Container Program depots and processing centres;
- Links to the electronic survey were sent to departmental contacts via email and on Facebook;
- Ads were placed on Facebook, YK Trader (on-line), local radio stations (CJCD and CKLB), community television Green Screens, and in l'Aquilon (NWT's French language weekly newspaper);
- The survey was announced at the City of Yellowknife's Solid Waste Forum, in both Ecology North's and l'association francophone de Yellowknife's weekly electronic newsletters, and in the GNWT's newsletter to staff – Bearfacts.
- Radio interviews with CBC and Radio Taiga were conducted about the survey; and
- Fillable PDF documents were emailed to all ENR staff.

Residents were encouraged to complete the electronic version of the survey (hosted on [www.surveymonkey.com](http://www.surveymonkey.com)); hard copies of the survey were also accepted. Both French and English versions were available to residents. As incentive to complete the survey, there were three 8G iPod Touch draw prizes for survey respondents. The survey was available online May 7 to May 28, 2012, and mailed-in responses were required to be postmarked by May 18, 2012.

## **E-waste: A Survey of Northwest Territories Household Electronic Products**

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The survey was open to individuals of all ages, and did not request respondents to disclose their age.

A total of 877 surveys were received. Most surveys (824) were received electronically, including eight that were emailed, and 816 completed on Survey Monkey. Fifty-two hard copies were received via fax, Canada Post, and returned in person to ENR regional offices.

### **Rejected Surveys**

Of the 877 responses received, 121 responses were not analyzed; however names were entered in the prize draw.

- Thirty manually completed surveys did not provide quantities of electronic items as requested in question one; instead they indicated presence or absence of such items in their households with a check-mark. These surveys could therefore not be compared with others for question one. Attempts were made to contact a number of these respondents, with limited success.
- Ninety-one survey respondents claimed they intend to purchase a Cathode Ray Tube (CRT) display device in the next 12 months. Since such technology is out-dated and energy inefficient, ENR assumed that such responses may be indicative of a misunderstanding of the question or a lack of attention on the respondents' part. As such, these surveys were excluded from the overall analysis.

This survey does not claim to be representative of all NWT households. As a survey distributed through mainly electronic channels, it is possible that survey respondents are more likely to have electronic devices in their homes and intend to acquire additional devices than residents who did not complete the survey.

## **Results and Analysis**

### **1. Quantity of Electronic Items in NWT Households**

Households reported an average of approximately 19.6 electronic items in their possession, of which 16.4 were functioning, and 3.2 were not. The most frequently occurring item categories include:

- home image, audio and video devices (3.2 items per household);
- cellular telephones and pagers (2.3 items per household);
- portable computers (2.2 items per household); and
- flat panel display devices (2 items per household).

Table 1, Figure 1, Figure 2 and Figure 3 (below) provide more detail of the quantities of each electronic item category on a household and individual basis.

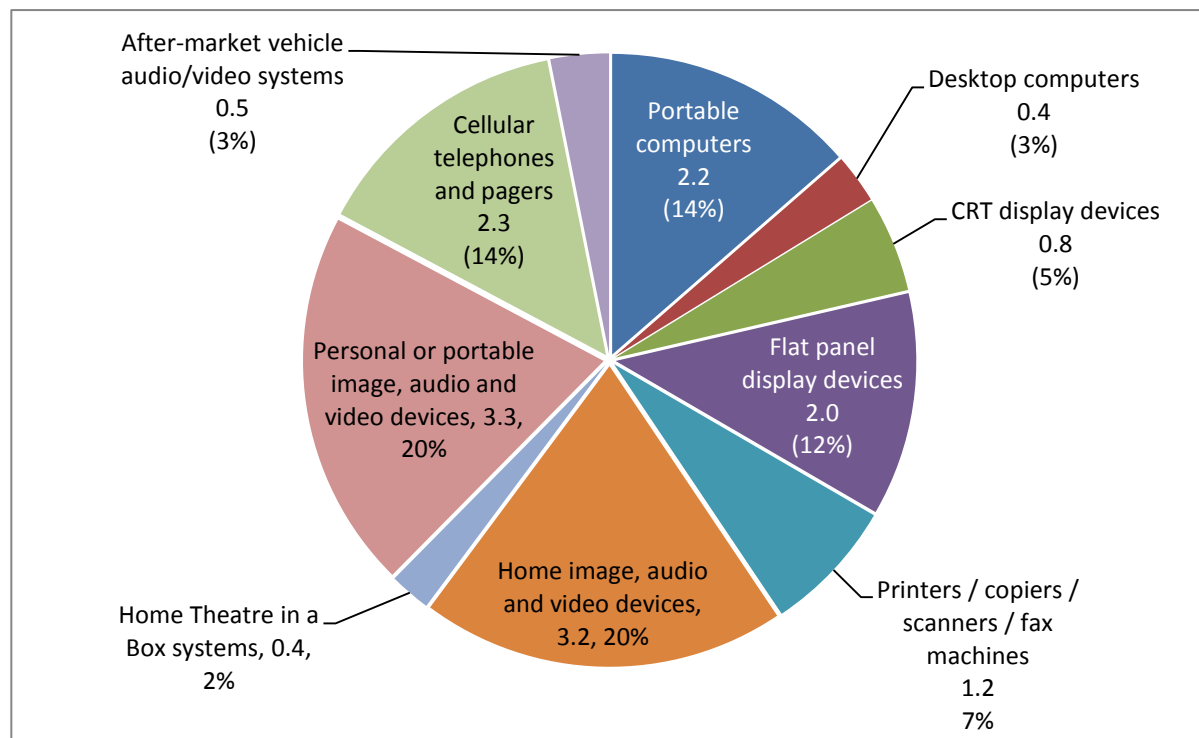
## E-waste: A Survey of Northwest Territories Household Electronic Products

**Table 1. Number of Electronic Items in NWT Households<sup>1</sup> (Interpolated to Estimate Average Number of Items per Individual)**

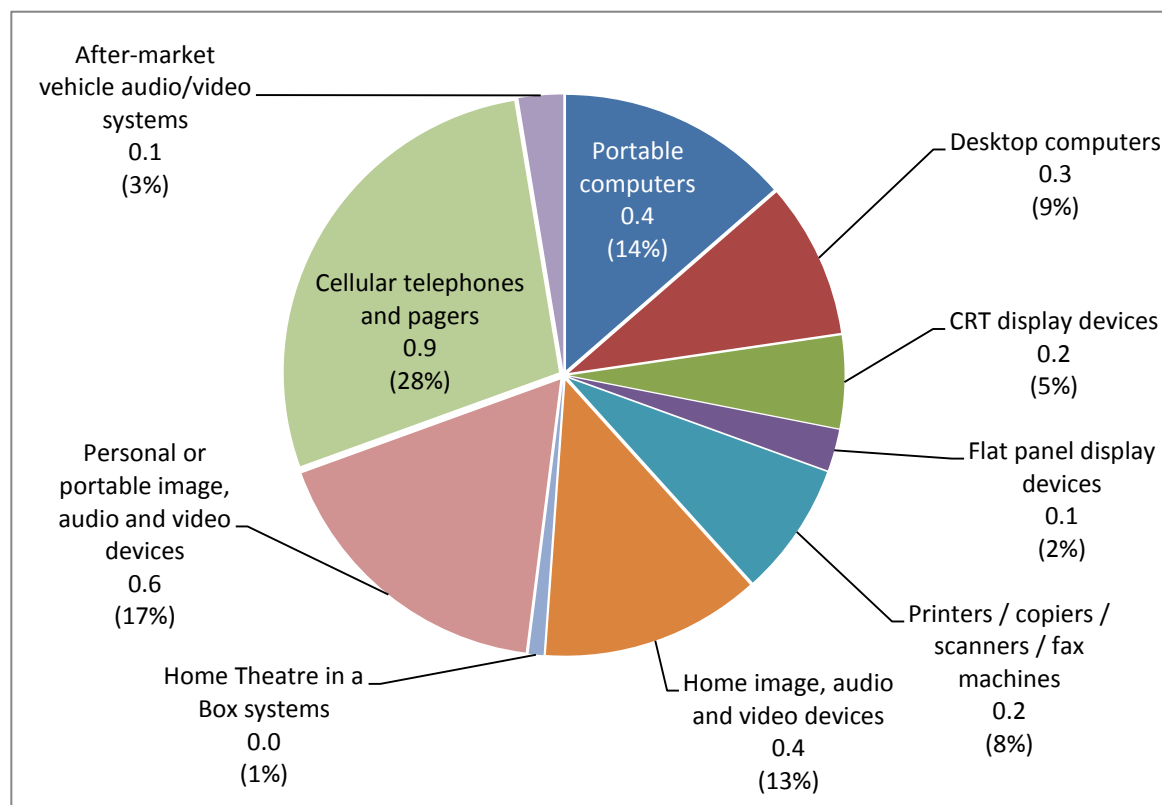
Item Category	Functional Items			Non-functioning items			Total (Functioning + Non-Functioning)		
	Total number of items	Average per household	Average per individual	Total number of items	Average per household	Average per individual	Total items	Average per household	Average per individual
Portable computers	1,685	2.2	0.7	329	0.4	0.1	2014	2.7	0.9
Desktop computers	591	0.4	0.1	219	0.3	0.1	810	0.7	0.2
CRT display devices	635	0.8	0.3	131	0.2	0.1	766	1.0	0.3
Flat panel display devices	1,488	2.0	0.6	59	0.1	0.0	1547	2.0	0.7
Printers/copiers/scanners/fax machines	893	1.2	0.4	188	0.2	0.1	1081	1.4	0.5
Home image, audio and video devices	2,428	3.2	1.0	310	0.4	0.1	2738	3.6	1.2
Home Theatre in a Box systems	276	0.4	0.1	21	0.0	0.0	297	0.4	0.1
Personal or portable image, audio and video devices	2,525	3.3	1.1	422	0.6	0.2	2947	3.9	1.2
Cellular telephones and pagers	1,745	2.3	0.7	675	0.9	0.3	2420	3.2	1.0
After-market vehicle audio/video systems	389	0.5	0.2	63	0.1	0.0	452	0.6	0.2
<b>Total:</b>	12,655	16.4	5.2	2,417	3.2	1.0	15,072	19.6	6.3

<sup>1</sup> Based on 756 survey responses

**Figure 1. Average Number of Functioning Electronic Items per Household**

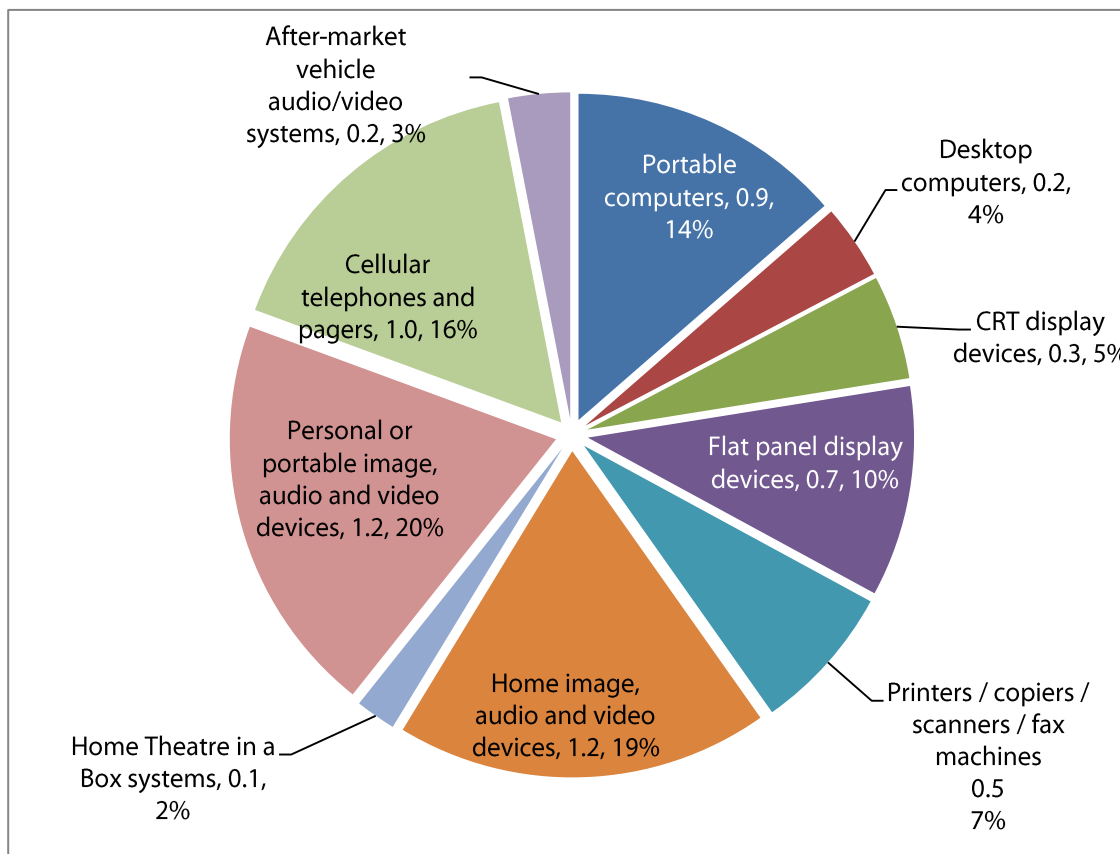


**Figure 2. Average Number of Non-Functioning Items per Household**





**Figure 3. Average Number of Total Electronic Items (Functioning and Non-Functioning) per Individual**



### Notes

1. Most respondents submitted their surveys electronically; it is therefore possible this sector of the population is more likely to possess more electronic items than other NWT households. This may suggest surveys were received from a portion of the population that uses more electronic items than others.
2. Some respondents reported multiple people per household with few electronic items. It is suspected a degree of under-reporting may have occurred in instances where respondents listed their personal items only and not items belonging to other individuals in the household.
3. In the cases of image, audio and video devices (both home and portable), multiple respondents reported having more than 10 items in their households. Such cases were counted as representing 10 items per household, which may represent an under-counting of such items.

### 2. Plans to Purchase Electronic Items in the Next 12 months

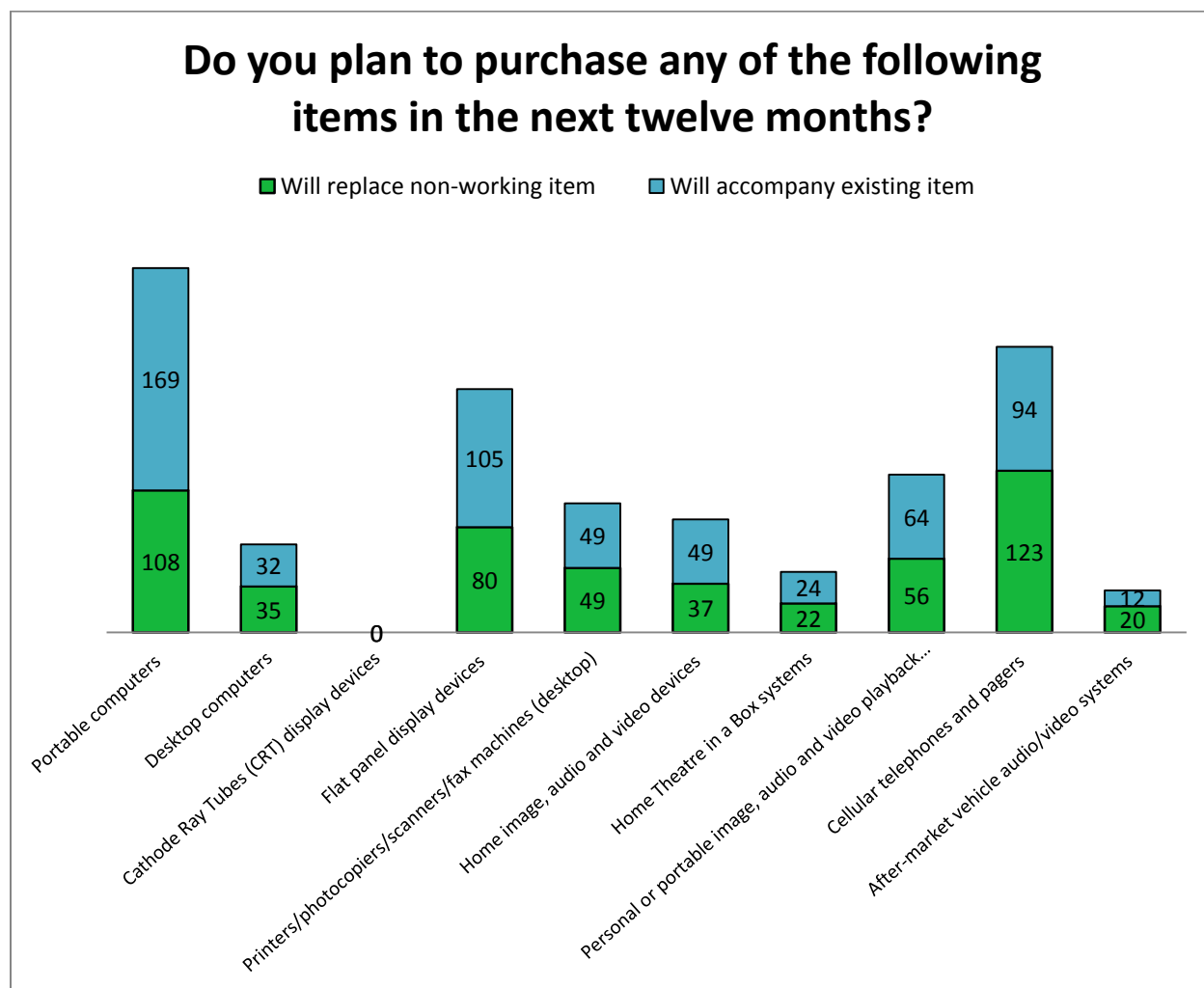
An average of 12% of respondents indicated an intention to purchase additional electronic products in the next 12 months. Slightly more than half of new items were expected to accompany existing items. Items such as desktop computers, cellular phones/pagers, and after-market vehicle audio/video items were slightly more likely to replace non-working items than to accompany existing ones. Table 2 and Figure 4, below, provide further details of survey responses.

**Table 2. Items Likely to be Purchased in the Next 12 Months**

Answer Options	Will replace non- working item	Will accompany existing item	Response Count	Proportion of respondents
Portable computers	108	169	277	37%
Desktop computers	35	32	67	6%
Cathode Ray Tubes (CRT) display devices <sup>2</sup>	0	0	0	0%
Flat panel display devices	80	105	185	16%
Printers/photocopiers/scanners/fax machines (desktop)	49	49	98	9%
Home image, audio and video devices	37	49	86	8%
Home Theatre in a Box systems	22	24	46	4%
Personal or portable image, audio and video playback and/or recording devices	56	64	120	11%
Cellular telephones and pagers	123	94	217	19%
After-market vehicle audio/video systems	20	12	32	3%
<b>Total:</b>	<b>530</b>	<b>598</b>	<b>1128</b>	<b>12%</b>
		<i>Responses</i>	<b>756</b>	<b>Average</b>

<sup>2</sup> Positive responses to the 'CRT display device' category were excluded from analysis.

**Figure 4. Items Likely to be Purchased in the Next 12 months**



In reviewing the data, it appears the above question may have been confusing for a number of respondents. Response patterns<sup>3</sup> seem to suggest a number of respondents may have interpreted the answer options to this question as “yes, I plan to purchase a new item” and “no, I do not plan to purchase a new item”. ENR is confident most errors related to this misunderstanding were eliminated by excluding all responses indicating intentions to purchase a CRT display device in the next 12 months.

<sup>3</sup> Response patterns that gave this impression left no item category blank (i.e. the respondent intended to purchase at least one of every type of electronic item listed), whereas other respondents’ answers may have indicated a selection of item types, while many others were left blank. ENR recognizes that the question and/or answer may have been better formulated to avoid this error.

### 3. How NWT Residents Acquire their Electronic Products

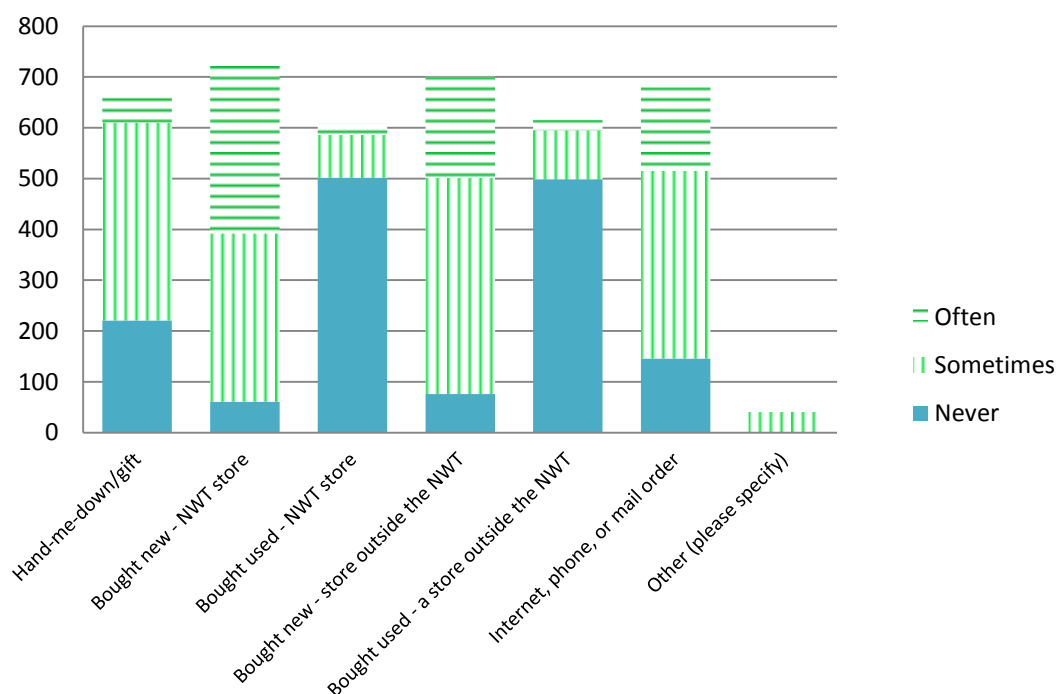
Respondents were asked to rate the frequency (never, sometimes, often) with which they acquired their electronic products. This included: hand-me-down or gift; bought new from a store in the NWT; bought used from a store in the NWT; bought new from a store outside the NWT; bought used from a store outside the NWT; internet, phone or mail order; and, other. Residents had the ability to select as many options as necessary; not simply their most frequent means. For example, one may purchase a new laptop via internet order, receive a second-hand cell phone from a friend and purchase a new television from a store in the NWT. Therefore each response option has a maximum possible response rate of 100%, and the responses for each of the different options could be summed to a total greater than 100%.

Purchasing items new from NWT stores and from stores outside the NWT were the most common ways people have acquired their electronic goods, followed closely by internet, phone or mail order. A significant number of respondents claimed to receive their electronics as hand-me-downs or gifts. Thirty-four of the 41 responses indicating residents get their electronic products from “other” sources could have also been included in the additional options provided. When responses indicating “sometimes” and “often” were combined, it appears that:

- 88% of respondents (666 households) are likely to purchase new items in the NWT;
- 83% of respondents (631 households) are likely to purchase new items outside the NWT;
- 71% of respondents (534 households) are likely to purchase new items via internet, phone or mail order;
- 59% of respondents (443 households) have received electronics as gifts or hand-me-downs; and,
- Less than 20% of respondents (134 households) claimed to buy their items used, whether from within or outside the NWT.

The striped (vertical and horizontal) green bands in Figure 5 indicate how respondents acquire their electronic products.

**Figure 5. Where NWT Residents Acquired Their Electronic Goods**



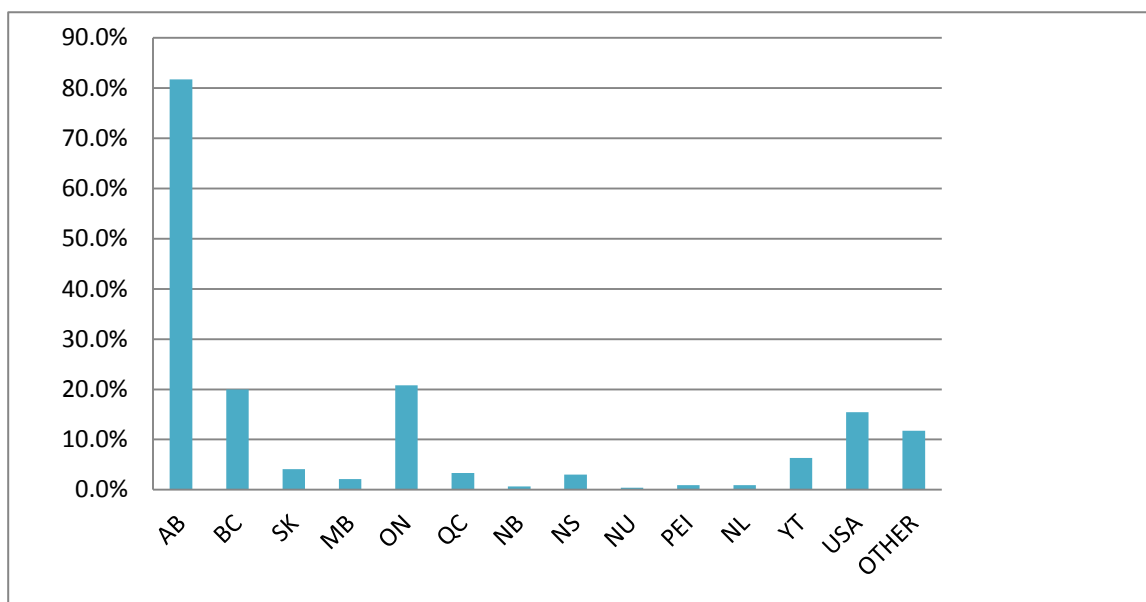
## 4. Where NWT Residents Purchase Electronic Products (Outside the NWT)

When purchasing new items outside the NWT, respondents are most likely to purchase their electronics from Alberta (81.7%). Other places include British Columbia (20%), Ontario (20.8%) and the USA (15.5%). See Figure 6 below for more detailed information of purchases made outside the NWT.<sup>4</sup>

Some respondents may have purchased different items in different locations. For example, someone may have purchased a laptop in BC and an mp3 player in Alberta. As such the maximum response rate for each option is 100% (756 responses) and maximum possible sum of total responses is 5,292 (700%).

<sup>4</sup> Fifty-two respondents (8.4% of all responses) who claimed to never purchase new items outside the NWT indicated they purchase items from at least one other province or on-line. Respondents were required to select at least one option in order to complete the survey electronically – it is possible that some of these 52 selected any option in order to proceed. Some respondents who claimed never to purchase items outside the NWT selected the ‘other’ option and clarified that they do not acquire items from outside the NWT.

**Figure 6: New Electronic Purchases Made Outside the NWT**

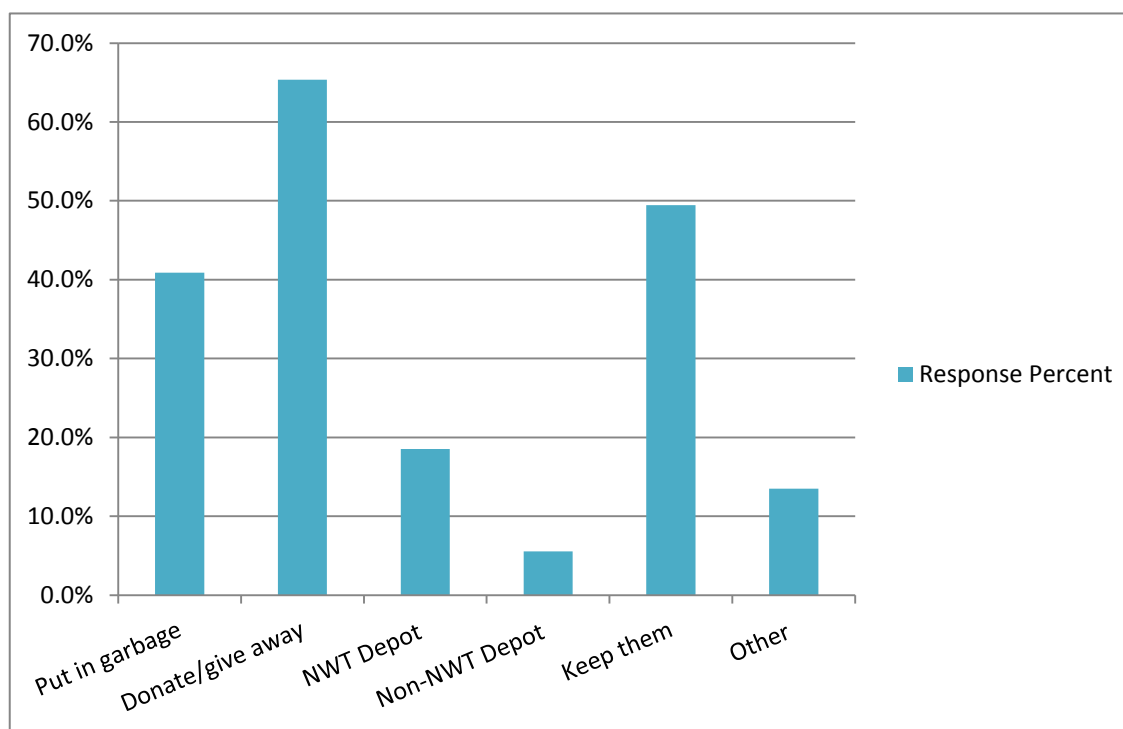


### 5. Final Disposal of Unwanted Electronic Items

When asked what they do with their electronic products when they no longer use/need them, respondents indicated they are most likely to donate or give them away (65%), keep them (49.5%) or throw them in the garbage (40.9%). Given respondents may dispose of different items in different ways, as in previous questions, respondents were able to select multiple options for this question. For example, someone may store a non-functioning computer until there is an option to recycle it, while they might give away a functional but out-dated cellular phone. Therefore, the sum of responses for all options may be greater than 100%. See Figure 7 for all results to this question.

Note: Of 756 households, 140 (18.5%) stated they take their unwanted electronic items to NWT depots or drop-off centres. While this is possible, this value appears high given the limited options for recycling residential electronics in the NWT. Currently, electronic items are segregated for future recycling at the Hay River and Yellowknife solid waste facilities and cellular telephones, rechargeable batteries and chargers are recyclable in select communities through the *Call2Recycle* program.

**Figure 7: How Unwanted Electronic Items are Discarded**



### 6. Beverage Container Recycling and Willingness to Bring Unwanted Electronic Items to Local Depots

An overwhelming number of respondents claimed they currently recycle their beverage containers (95.1%), and even more (97.5%) expressed a willingness to bring their unwanted electronic items to their local beverage container depot or similar facility.

ENR is encouraged by such a positive response, but also recognizes that these numbers may not be representative of all NWT households. In 2011/12, the average return rate for beverage containers in the NWT was slightly higher than 88%.

### 7. Communities Represented

By contrasting the proportion of survey responses received from each NWT community with the relative proportion of the population represented by that community, one can observe that not all communities were proportionately represented by this survey. Notably, Yellowknife and Enterprise are over-represented in this survey. Conversely, Behchoko, Colville Lake, Délı̄ne, Fort Good Hope, Fort McPherson, Fort Resolution, Gamètì, Nahanni Butte, Paulatuk, Sachs Harbour, Trout Lake, Tsiigehtchic, Tuktoyaktuk, Tulità and Ulukhaktok were under-represented in this survey. No responses were received from Fort Liard, Wekweètì, Whatì, and Wrigley (See Table 3 for details).

**Table 3. Relative Representation of Survey Responses by Community**

Region	Responses	Proportion of responses	Proportion of Population
<b>Inuvik:</b>	<b>98</b>	<b>13%</b>	<b>16.7%</b>
Aklavik	15	2.0%	1.5%
Fort McPherson	3	0.4%	2.0%
Inuvik	68	9.0%	8.5%
Paulatuk	0	0.0%	0.7%
Sachs Harbour	1	0.1%	0.3%
Tsiigehtchic	2	0.3%	0.5%
Tuktoyaktuk	7	0.9%	2.1%
Uluksaktok	2	0.3%	1.1%
<b>Sahtu</b>	<b>20</b>	<b>3%</b>	<b>6%</b>
Colville Lake	1	0.1%	0.4%
Déljine	3	0.4%	1.3%
Fort Good Hope	5	0.7%	1.4%
Norman Wells	10	1.3%	0.7%
Tulita	1	0.1%	1.1%
<b>Deh Cho</b>	<b>21</b>	<b>3%</b>	<b>5.3%</b>
Fort Liard	0	0.4%	1.8%
Fort Simpson	18	2.4%	2.9%
Jean Marie River	2	0.3%	0.2%
Nahanni Butte	0	0.0%	0.3%
Trout Lake	1	0.1%	0.3%
Wrigley	0	0.0%	0.3%
<b>North Slave</b>	<b>498</b>	<b>66%</b>	<b>53%</b>
Behchoko	3	0.4%	4.9%
Gamètì	3	0.4%	0.7%
Wekweètì	0	0.0%	0.3%
Whatì	0	0.0%	1.2%
Yellowknife (including Dettah and N'Dilo)	492	65.1%	46.1%
<b>South Slave</b>	<b>119</b>	<b>16%</b>	<b>18.5%</b>
Enterprise	4	0.5%	0.3%
Fort Providence	12	1.6%	1.8%
Fort Resolution	3	0.4%	1.2%
Fort Smith	41	5.4%	5.8%
Hay River	54	7.1%	8.5%
Kakisa	1	0.1%	0.1%
Łutselk'e	4	0.5%	0.8%

## Conclusions

This survey does not provide statistically defensible data regarding NWT residents' use and purchasing habits with regard to electronic goods. In addition, it is more representative of Yellowknife residents than those of other communities. Nevertheless, data collected in this survey does provide interesting insight into a number of trends.



### Trends

1. NWT residents are avid beverage container recyclers who display a willingness to return their unwanted electronics to a depot.
2. While most electronic goods in NWT households are in working order, a significant amount of non-working items are also being stored.
3. The following categories of electronic items are found in NWT households in the greatest volumes:
  - a. Home image, audio and video devices;
  - b. Cellular telephones and pagers;
  - c. Portable computers; and
  - d. Flat panel display devices.
4. Most respondents stated they do not intend to purchase new electronic goods in the coming year. Upcoming purchases are relatively evenly split between items that will accompany functioning items, and those that will replace non-functioning ones.
5. NWT residents are mainly purchasing new electronic items from NWT stores; non-NWT stores; and via internet, phone or mail-order.
6. Of purchases made outside the NWT, most are made in Alberta.

ENR would like to thank all residents who completed the survey. For more information about the Waste Reduction and Recovery Program, contact:

Waste Reduction Coordinator  
Department of Environment and Natural Resources  
Government of the Northwest Territories  
P.O. Box 1320  
Yellowknife NT X1A 2L9  
Phone: (867) 873-7654 Fax: (867) 873-0221  
Email: [nwtrecycle@gov.nt.ca](mailto:nwtrecycle@gov.nt.ca)

## Appendix A: E-waste Survey

Complete this survey on  
**e-waste** and you could  
**WIN** an **8GB iPod touch**!



The Government of the Northwest Territories is looking at what can be done to manage electronic waste (e-waste) in the Northwest Territories (NWT). We would like your help to learn more about the types and amounts of electronic equipment used in your home. The information you provide may help determine the best type of e-waste reuse/refurbish/recycling program for our territory.

### Show you care about reducing waste today by:

- **Completing the on-line survey at [www.icarenwt.ca](http://www.icarenwt.ca); or**
- **Completing this survey and returning it to your local Environment and Natural Resources office.**

#### Important Notes:

- Please complete only one survey per household.
- This survey is for household electronic items **ONLY**. Please provide information about the type and number of electronic items in your residence (including home office). Electronic products used exclusively at work, office or school environments should not be included.

#### Contest Rules:

- To win one of the three **8GB iPod touch**, survey responses must be received by **May 25, 2012**. If you return the survey via Canada Post, the envelope must be postmarked by **May 18, 2012**. Please include your name, address (postal address and home address) and phone number so we can contact you should you win.
- Contest is open to all NWT residents, except Waste Reduction and Recovery Program staff.
- Only one survey per household will be considered.

For more information about NWT waste reduction and recovery programs and initiatives, visit [www.icarenwt.ca](http://www.icarenwt.ca)

iPod touch is a registered trademark of Apple Inc.



Complete this survey on e-waste and you could WIN an 8GB iPod touch!

<b>1. How many of the following electronic items do you have in your household? (Indicate quantity on all that apply.)</b>	<b>In working order</b>	<b>No longer functioning</b>
Portable computers (laptop, notebook, tablet, netbook, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Desktop computers	<input type="checkbox"/>	<input type="checkbox"/>
Cathode Ray Tube (CRT) display devices (older style TVs/computer monitors)	<input type="checkbox"/>	<input type="checkbox"/>
Flat panel display devices (TVs/computer monitors)	<input type="checkbox"/>	<input type="checkbox"/>
Printers/photocopiers/scanners/fax machines (desktop)	<input type="checkbox"/>	<input type="checkbox"/>
Home image, audio and video devices (stereos, speakers, DVD/Blu-Ray players, CD players, turntables, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Home Theatre in a Box systems	<input type="checkbox"/>	<input type="checkbox"/>
Personal or portable image, audio and video playback and/or recording devices (i.e. mp3 players, portable DVD or Blu-Ray players, cameras, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Cellular telephones and pagers (including smart phones)	<input type="checkbox"/>	<input type="checkbox"/>
Non-cellular telephones and answering machines <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>
After-market vehicle audio/video systems (speakers, stereos, CD/DVD/Blu-Ray players, etc.)	<input type="checkbox"/>	<input type="checkbox"/>

<b>2. Do you plan to purchase any of the following items in the next 12 months? (Check all that apply, indicating if item will be purchased in addition to a working item and/or will replace an item that no longer works.)</b>	<b>Will replace non-working item</b>	<b>Will accompany existing item</b>
Portable computers (laptop, notebook, tablet, netbook, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Desktop computers	<input type="checkbox"/>	<input type="checkbox"/>
Cathode Ray Tube (CRT) display devices (TVs/computer monitors)	<input type="checkbox"/>	<input type="checkbox"/>
Flat panel display devices (TVs/computer monitors)	<input type="checkbox"/>	<input type="checkbox"/>
Printers/photocopiers/scanners/fax machines (desktop)	<input type="checkbox"/>	<input type="checkbox"/>
Home image, audio and video devices (stereos, speakers, DVD/Blu-Ray players, CD players, turntables, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Home Theatre in a Box systems	<input type="checkbox"/>	<input type="checkbox"/>
Personal or portable image, audio and video playback and/or recording devices (i.e. mp3 players, portable DVD or Blu-Ray players, cameras, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Cellular telephones and pagers (including smart phones)	<input type="checkbox"/>	<input type="checkbox"/>
Non-cellular telephones and answering machines	<input type="checkbox"/>	<input type="checkbox"/>
After-market vehicle audio/video systems (speakers, stereos, CD/DVD/Blu-Ray players, etc.)	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup>Data was not collected for non-cellular telephones and answering machines in the on-line English version of the survey.

Complete this survey on e-waste and you could WIN an 8GB iPod touch!

**3. How did you get the electronic products in your possession? (Check all that apply, indicating which options are most common for your household.)**

	Never	Sometimes	Often
Hand-me-down/gift	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bought new from NWT store	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bought used from NWT store	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bought new from store outside the NWT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bought used from a store outside the NWT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet, phone or mail order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other – please specify _____			

**4. If you buy new items from a store outside the NWT, where do you purchase them? (Check all that apply.)**

Alberta (AB)	<input type="checkbox"/>	Nova Scotia (NS)	<input type="checkbox"/>
British Columbia (BC)	<input type="checkbox"/>	Prince Edward Island (PEI)	<input type="checkbox"/>
Saskatchewan (SK)	<input type="checkbox"/>	Newfoundland and Labrador (NL)	<input type="checkbox"/>
Manitoba (MB)	<input type="checkbox"/>	Nunavut (NU)	<input type="checkbox"/>
Ontario (ON)	<input type="checkbox"/>	Yukon (YT)	<input type="checkbox"/>
Quebec (QC)	<input type="checkbox"/>	USA	<input type="checkbox"/>
New Brunswick (NB)	<input type="checkbox"/>	Other – please specify _____	

**5. What do you do with your electronic products when you no longer use/need them? (Check all that apply.)**

Put them in the garbage	<input type="checkbox"/>
Donate or give them away	<input type="checkbox"/>
Take to a depot or drop-off centre in the NWT	<input type="checkbox"/>
Take or send to a depot or drop-off centre outside the NWT	<input type="checkbox"/>
Still have them	<input type="checkbox"/>
Other – please specify _____	

	Yes	No
6. Do you recycle your beverage containers by returning them to your local depot?	<input type="checkbox"/>	<input type="checkbox"/>
7. Would you consider taking e-waste to your local beverage container depot or a similar depot facility for electronics?	<input type="checkbox"/>	<input type="checkbox"/>
8. How many people live in your household?	_____	
9. What community do you live in?	_____	

Complete this survey on e-waste and you could WIN an 8GB iPod touch!

**To be entered in the draw to win an 8GB iPod touch, you must provide the following information:**

Name: \_\_\_\_\_

Address (Residence): \_\_\_\_\_

\_\_\_\_\_

Mailing Address (if different than residence): \_\_\_\_\_

Community: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_

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**Return Surveys:**

By email: [nwtrecycle@gov.nt.ca](mailto:nwtrecycle@gov.nt.ca)

By fax: (867) 873-0221

In person: At your local ENR office

By mail: Waste Reduction and Recovery Program  
Environment and Natural Resources  
Government of the Northwest Territories  
Box 1320, Yellowknife, NT X1A 2L9  
Tel: (867) 873-7654

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Complete this survey on e-waste and you could WIN an 8GB iPod touch!

## E-Waste Categories:

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Portable computers (laptop, notebook, tablet, netbook, etc.)



Home Theatre in a Box systems



Desktop computers



Image, audio and video playback and/or recording devices (personal or portable) (i.e. mp3 players, portable CD player, portable DVD or Blu-Ray players, cameras, digital photo frames, personal digital assistant (PDA) etc.)



Cathode Ray Tube (CRT) display devices (TVs/computer monitors)



Cellular telephones and pagers (including smart phones)



Flat screen display devices (TVs/ computer monitors)



Non-cellular telephones and answering machines



Printers/copiers/scanners/fax machines (desktop)



After-market vehicle audio/video systems (speakers, stereos, CD/DVD/ Blu-Ray players, etc.)



Image, audio and video devices (stereos, speakers, DVD/Blu-Ray players, CD players, turntables, HD TV media player (TV Live), amplifiers, projectors, soundbar systems, VHS player, etc.)

