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Quantifying the Monetary Value of Reuse

August 2017



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Introduction

FreeTrade Ireland is an online reuse service providing a platform for householders, businesses, schools and communities to pick up and pass on quality items for free. Users of the website can advertise unused or unwanted items as well as searching for items they want. All items uploaded are available for free.

The savings realised by the service are currently calculated on two elements: (1) the avoidance of the purchase of an equivalent item, and (2) the avoidance of the disposal costs.

The current calculation of the avoided cost of purchasing an equivalent item is based on assigning a value of €100 to each item reused. A large proportion of the items reused through FreeTrade Ireland are bulky items, e.g. furniture, sports equipment, etc. and can be expensive to purchase new. In absence of reuse values an universal rate of €100 was applied and was considered a fair estimate which would balance out across the item categories.

With the increasing popularity of websites used to sell items second-hand, it is more appropriate to consider the valuation in terms of the options available for purchasing an equivalent item. It can no longer be assumed a user will purchase a new item should they not find what they want on FreeTrade Ireland.

The savings realised through reuse is dependent largely on the avoided cost of the purchase of an equivalent item. The objective of this proposed study is to determine a range of values for both new and used items in order to ascertain an appropriate item value should a user not find an equivalent for free on the service.

Obtaining a range of values for new and used items for the 252 items on FreeTrade Ireland will allow the savings achieved through the service to be accurately calculated.

Methodology

There are 20 categories of household items on FreeTrade Ireland. Each of these categories is further divided into 252 item sub-categories. The revised approach for calculating the value of the savings by reusing through FreeTrade Ireland is set out below.

The first step was to identify appropriate outlets to allocate an appropriate value to each sub-category item.

Given the range of categories of items on FreeTrade Ireland, there are multiple sources for purchasing new items. The challenge was to identify sources which reflect the reasonable market price for items. The outlets chosen had an online shopping function with the prices of their items readily available from their websites. Two competitively priced outlets were chosen for each category. For example, Argos and IKEA were sources for several items in the Furniture Category. For stationery, where the items are low-cost items and there is a limited demand for second-hand materials, only new prices were sourced. A competitive low price was identified from each source with an average generated. The pricing details are listed in **Appendix A**.

Prices for used items were similarly sourced from frequently used consumer second hand sites. DoneDeal.ie.ie and Adverts.ie.ie are two most prominent online classified ads websites in Ireland and were deemed to be an accurate source for item prices. A maximum and minimum value was sourced for each item generating an average price to buy used. The prices sourced from these sites are presented in **Appendix B**.

Pricing Issues

Challenges arose in determining the appropriate average value for specific items and tailored solutions have been implemented as follows:

1. The second hand price values for certain items was broad. Where a significant price gap between minimum and maximum values was identified, the difference was due to the item quality. As the purpose was to ascertain the appropriate cost someone might pay for an item a balanced approach was required.

Solution: Where this occurred, the median value price in the range was calculated from each source. The mean of these two values determined the final second-hand value of the item (refer to **Appendix B** for details).

2. For items in the Building Materials category, the quantities available on DoneDeal.ie and Adverts.ie varied considerably to the quantities sold by a supplier of building products, e.g. Goodwins, Woodies, etc. Many ads for Building Materials on DoneDeal.ie and Adverts.ie were for a mixture of items or non-standard quantities that were not similar to those from suppliers of new building materials.

Solution: Insofar as is possible, the values for a single item was calculated and used as the second-hand value.

3. In some instances, the selection of items in a sub-category on DoneDeal.ie and Adverts.ie was small. For certain items this resulted in higher second-hand values compared to the price of a similar new item. However in other cases the quality of the second-hand item was notably higher than the new item. This quality gap can result in a price difference between a higher value second hand item and lower priced new item,.

Solution: In some categories where a notable price difference occurred the levels of reuse are not high e.g. garden gates, farm tools, etc. and as such the overall savings will not be skewed. For other categories it is accepted that quality is causing the prices difference between higher quality second-hand items compared to new items of lesser quality. The affect of higher quality priced second- hand items has been moderated by taking the mid-range of the lower and upper prices and averaging the findings from each source (**Appendix B**).

4. For sub-categories a new price was not available due to the nature of the item. For example Vintage Bikes as they are not available new.

Solution: For such items only second-hand prices were sought.

5. In each category, there is a 'Miscellaneous' sub-category and this could include different types of items.

Solution: Conservative values have been assigned based on the types of items entered as Miscellaneous across the different categories, a selection of which has been listed below:

- o *Agriculture & Machinery:* wooden chicken coop

- *Antiques*: gramophone, fire surround, etc.
- *Appliances*: food processor, juicer, slow cooker, digital scales, etc.
- *Baby Goods*: bottle warmers, play mat, baby bath, etc.
- *Books, Comics & Magazines*: assorted books, encyclopaedias, etc.
- *Building Materials*: interior doors, roof tiles, plaster
- *CDs, DVDs & Videos*: cd racks
- *Clothes, Fashion & Beauty*: suitcases, t-shirts
- *Electronics*: electric lamp, fan, electric radiator
- *Furniture*: display cabinet, writing desk, headboard, clothes horse, etc.
- *Garden & Outdoor Items*: mostly plastic garden furniture
- *Homeware & Crafts*: waste bins, rugs, cutlery, kitchen appliances
- *Motors, Parts & Accessories*: roof box, fuel cans, etc.
- *Musical Instruments*: storage boxes
- *Office Equipment*: filing cabinet, lockers, whiteboard, paper trays, etc.
- *Office Furniture*: shelves, notice boards, chairs
- *Pet Accessories*: cat carrier, cat litter, feeding bowls
- *Sports & Leisure*: Golf bag, suitcases, airbed
- *Toys & Games*: Lego, children's' scooters, sandpit, playhouse, etc.

Results

The methodology and price analysis of this study which investigated both large and small subsets of household items is comprehensive. Other similar studies by WRAP, Zero Waste Scotland and the Furniture Reuse Network were reviewed but found to have been limited in approach and findings.

The methodology described delivered a range of second-hand values for each subcategory item sourced from DoneDeal.ie and Adverts.ie. From these range an appropriate value, i.e. the average cost to buy that item pre-used, was determined. Similarly, a range of competitive buy new prices for each category item was sourced, examined and an appropriate value assigned. The approach generated an accurate range of item values for 252 items replacing the previous flat rate applied to all items reused. The final second-hand and new values selected for each item are summarised in **Appendix C**.

In attempting to define an absolute item reuse value from the ranges, a consistent approach applied to all items was required. A fundamental question needed to be answered. Is a user more likely to source an equivalent item not available on the site from a second-hand outlet or purchase new? Without surveying users of the website and profiling their purchasing habits we cannot be certain of their consumer behaviour. The conclusion that the lowest price equivalent item will always be sought ignores a user's willingness to pay more for a quality item which may last longer. The price findings show quality pre-used items can be higher in price compared to a new purchase price for lesser quality.

In the absence of representative behavioural information it is assumed that users are as likely to try and source a pre-used item as they are to purchase an equivalent new item. Taking this approach, the price range between the second-hand and new values has been evenly split. The estimated unit reuse value is shown in **Appendix C**. We believe this strikes an appropriate balance between new and second hand market prices.

The unit reuse value applied to FreeTrade Ireland data for 2015 estimated savings from reuse of €660,234 (see **Appendix D**).

Appendix A

Items – Selected New Prices

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
Agriculture & Machinery	Farm Produce	1	1	1
	Farm Tools	5.49	11.99	8.74
	Plant Equipment	450	500	475
Appliances	Bedside Lamps	3.99	3.95	3.97
	Blenders	6.49	19.99	13.24
	Boilers	899	1089.95	994.475
	Ceiling lights	4.99	3.25	4.12
	Clothes Dryers	194.99	129.99	162.49
	Coffee Machines	19.49	24.99	22.24
	Cooker & Oven	169.99	209.99	189.99
	Desk Lamps	7.99	11	9.495
	Dishwashers	264.99	299.99	282.49
	Extractor Fans	49.99	39.99	44.99
	Floor Lamps	9.49	6	7.745
	Freezers	152.99	179.99	166.49
	Fridges	139.99	169.99	154.99
	Hair Dryers	9.99	19.99	14.99
	Heaters	14.99	24.99	19.99
	Hoovers	52.49	59.99	56.24
	Ice Cream Machines	60.76	39.99	50.375
	Kettles	6.49	24.95	15.72
	Ladders	20.49	17.99	19.24
	Lamps	5.99	3.65	4.82
	Microwaves	49.99	54.99	52.49
	Radiators	34	28.99	31.495
	Sandwich Makers	7.49	24.99	16.24
	Shavers	17.99	19.99	18.99
	Stoves	108.99	79.95	94.47
Toasters	7.49	29.99	18.74	
Washing machines	219.99	219.99	219.99	
Baby Goods	Baby Accessories	8.99	12	10.495
	Baby clothes	5.95	10	7.975
	Baby Toys	5.5	8	6.75
	Buggys	29.99	44.99	37.49
	Car Seats	44.99	44.95	44.97
	Cots and Beds	82.49	99.99	91.24
	Fire Guards	35.99	26	30.995
	High chairs	26.99	39.99	33.49
	Prams	82.49	89.99	86.24
	Stair gates	19.99	24	21.995
Books, Comics & Magazines	Catalogues	1	1	1
	Childrens Books	7.99	7.99	7.99
	Comics	1.2	7.1	4.15
	Magazines	1	1	1
	Reading Books	9.99	11.49	10.74

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
	School Books	3.95	2.05	3
Building Materials	Blocks	0.56	0.41	0.485
	Decking	11.69	10.15	10.92
	Floor Boards	8.81	17.89	13.35
	General Fill Material	99.99	50	74.995
	Insulation	17.99	19.84	18.915
	Linoleum	13	9.5	11.25
	Metal & Steel	16	5.65	10.825
	Paint	10.97	15.74	13.355
	Patio Stone	3.94	3.25	3.595
	Piping	3.91	3.71	3.81
	Plaster Board	8.4	3.64	6.02
	Roof Felt	28.02	64.72	46.37
	Sand	3.75	3.89	3.82
	Slates	1.34	1.51	1.425
	Stone	6.85	6.77	6.81
	Tiles	9.99	9.44	9.715
	Top soil	50	50	50
	Underlay	21	27.24	24.12
	Windows & Window fittings	160.52	27	93.76
Wood	20	23	21.5	
CDs, DVDs & Videos	CDs	5.46	9.99	7.725
	DVDs	5.64	7.99	6.815
	Tapes	0	0	0
	Videos	0.47	4.55	2.51
	Vinyl Records	1.25	16.99	9.12
Clothes, Fashion & Beauty	Bags	17.55	19.95	18.75
	Beauty Accessories	10	9.99	9.995
	Clothes Hangers	6.99	0.65	3.82
	Fashion Accessories	8	12	10
	Foot spa	33.99	49.95	41.97
	Footwear	27.5	25.99	26.745
	Gents Clothes	12	9	10.5
	Hair Dryers	9.99	19.99	14.99
	Hair Straighteners	13.99	14.99	14.49
	Hats	14.95	18	16.475
	Jewellery	2	6	4
	Ladies Clothes	9	6.5	7.75
Workwear	1.8	2.45	2.125	
Electronics	Cameras & Equipment	36.99	69.99	53.49
	Copiers (Home)	46.49	74.99	60.74
	DVD & Video Players	29.99	49.99	39.99
	Fax Machines	79.99	74.99	77.49
	Gaming Consoles	117.49	289.99	203.74
	Home Phones	6.99	7.99	7.49
	Home TVs	159.99	114.99	137.49
	Laptops	209.99	219.99	214.99
	Mobile Phones	18.99	34.99	26.99

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
	Monitors	129.99	99.99	114.99
	MP3 players	19.99	49.99	34.99
	PC Accessories	8.49	7.99	8.24
	PCs	265.99	289.99	277.99
	Portable TVs	41.55	85	63.275
	Printers (Home)	38.99	59.99	49.49
	Radios	15.49	14.99	15.24
	Scanners (Home)	46.49	79.99	63.24
	Stereo & Audio Equipment	69.99	29.99	49.99
Furniture	Antiques	175	185	180
	Bathroom Cabinet	20.49	25	22.745
	Bathroom Furniture	15.99	24	19.995
	Baths	265.95	159	212.475
	Bedside Lockers	38.99	25	31.995
	Book Cases	23.99	15	19.495
	Chairs	23.99	12	17.995
	Chest of Drawers	110.99	25	67.995
	Coffee Tables	22.99	19	20.995
	Double Bed + Mattress	269.99	185	227.495
	Double Bed Bases	110.99	75	92.995
	Double Mattresses	142.99	110	126.495
	Entertainment Storage Units	15.99	25	20.495
	Entertainment Units	18.99	35	26.995
	Futons & Sofa beds	87.49	119	103.245
	Hi-Fi Stands	31.99	11	21.495
	King-Size Bed + Mattress	126.99	111	118.995
	Kitchen Units	63.49	21	42.245
	Living room furniture	14.99	6	10.495
	Mirrors (Bathroom)	20.49	12	16.245
	Mirrors (General)	9.49	2	5.745
	Pictures	7.99	4	5.995
	Shelving Units	12.99	19	15.995
	Side Tables	15.49	6	10.745
	Single Bed + Mattress	236.49	126	181.245
	Single Bed Bases	95.49	56	75.745
	Single Mattresses	110.99	70	90.495
	Sitting Room Suite (3+1)	540	349	444.5
	Sitting Room Suite (3+1+1)	799	500	649.5
	Sitting Room Suite (3+2)	585	695	640
	Sitting Room Suite (3+2+1)	800	1499	1149.5
	Sofa	236	95	165.5
	Tables	63	32	47.5
TV Stands	19.99	11	15.495	
Wardrobes	67.99	49	58.495	
Garden & Outdoor Items	Barbeques	9.99	29.99	19.99
	Benches	68.49	69.99	69.24
	Chairs	15.99	12	13.995
	Childrens Play Equipment	15	10	12.5

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
	Compost Bins & Wormeries	14	10.99	12.495
	Decking	30.38	30.22	30.3
	Flower Pots	0.7	0.99	0.845
	Garden Gates	119	42.29	80.645
	Garden Sheds / Greenhouses	139.99	299	219.495
	Garden Tools	13.99	2.99	8.49
	Ladders	20.49	17.99	19.24
	Gazebos	29.99	99.99	64.99
	Patio Stone	3.94	3.25	3.595
	Plants	1	2.99	1.995
	Statues	25.49	19.99	22.74
	Sun Loungers	31.99	41.99	36.99
	Tables	39.49	54.99	47.24
	Timber Partitioning	32.99	17.88	25.435
	Topsoil & Bedding	5.49	5	5.245
	Trellis	9.66	8.99	9.325
	Umbrellas - Parasols	42.99	10	26.495
Homeware & Crafts	Bags	10.99	0.25	5.62
	Bathroom accessories	10.99	1.49	6.24
	Blinds	5.99	4	4.995
	Carpets	4.99	4.77	4.88
	Curtains	23.99	7	15.495
	Cushions	5.5	1.5	3.5
	Cutlery	3.99	4	3.995
	Doors	49.99	54	51.995
	Hot Water Bottles	12.49	5.49	8.99
	Kitchen accessories	8.99	0.75	4.87
	Laundry Baskets	5.99	2.5	4.245
	Linens	8.99	5	6.995
	Ornaments	20.99	6	13.495
	Pictures & Paintings	7.99	4	5.995
	Pillows	3.99	1.95	2.97
	Pots & Pans	5.99	4.75	5.37
	Rugs	23.99	2.5	13.245
	Sewing Machine	126.99	124.99	125.99
	Tea Pots	9.99	7	8.495
Tiles	9.99	9.44	9.715	
Vases	7.99	0.6	4.295	
Windows	160.52	27	93.76	
Motors, Parts & Accessories	Caravans & Mobile homes	2500	2450	2475
	Cars	9990	13360	11675
	Cars or Parts	73	104	88.5
	Motor Accessories	43	35	39
	Motor Parts	2.6	5.87	4.235
	Motorbikes	2295	2450	2372.5
	Roof racks	89.95	100	94.975
	Trailers	530	279.99	404.995
	Vintage Motor Bikes	1950	1250	1600

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
	Wheels & Tyres	33.39	50	41.695
Musical Instruments	Cellos	415	461	438
	DJ Equipment	12.01	12.3	12.155
	Drums	349	219	284
	Guitars	29.99	99.95	64.97
	Keyboards	119.99	166	142.995
	Other Strings	35.01	29.95	32.48
	Pianos	549	399	474
	Recorders	6	7.5	6.75
	Trumpets	213.15	249	231.075
	Violins	99.95	80	89.975
Office Equipment	Canteen Equipment	54.94	82.99	68.965
	Computers	265.99	289.99	277.99
	Fans	14.58	9.83	12.205
	Fax Machines	73.79	72.56	73.175
	IT Equipment	3.68	9.58	6.63
	Leads & Cables	7.49	1.95	4.72
	Monitors	86.09	118.07	102.08
	Photocopiers	38.99	117.99	78.49
	Printers	59.44	89.1	74.27
		Projectors	309.99	309
	Scanners	126.05	79.94	102.995
Office Furniture	Chairs	73.79	40.58	57.185
	Desks	124.22	122.99	123.605
	Filing Cabinets	71.33	43.65	57.49
	Lockers	86.09	80.77	83.43
	Partitions	143.9	59.03	101.465
	Storage Cabinets	131.6	121.77	126.685
	Tables	73.79	92.13	82.96
Pet Accessories	Beds & Cushions	3	12	7.5
	Fish Bowls	11.99	9.99	10.99
	Kennels	69	75	72
	Pet cages	24.99	20.99	22.99
	Pet houses	2.49	4.48	3.485
	Pet toys	1.99	1.49	1.74
Seasonal	Christmas Tree	18.19	129	73.595
Sports & Leisure	Art Materials	16.69	8.25	12.47
	Bike Accessories	1.5	5.49	3.495
	Childrens Bikes	49.99	59.99	54.99
	Fishing Equipment	15	10.95	12.975
	Gym & Exercise Equipment	175	49.99	112.495
	Indoor sports equipment	7.49	8.39	7.94
	Mens Bikes	245.99	127.2	186.595
	Motor Sports Equipment	31.98	24.5	28.24
	Outdoor Sports equipment	6.49	4.68	5.585
	Snooker / Pool tables	63.49	395	229.245
	Vintage Bikes	0	0	0
	Water Sports Equipment	75	47.99	61.495

Category	Sub-Category	Source 1	Source 2	New Value
		Low	Low	
	Womens Bikes	245.99	127.2	186.595
Stationery	Clips	3.99	2.75	3.37
	Folders	2	2.25	2.125
	Notebooks	1.49	2.25	1.87
	Pads	1.49	2.25	1.87
	Paper	5.99	4.95	5.47
	Pens & Pencils	0.99	0.75	0.87
	Staplers	2.49	4.75	3.62
	Storage Boxes	6.49	2.75	4.62
	Tape	1.99	2.25	2.12
Toys & Games	Board Games	6.99	7.99	7.49
	Boys Toys	2	2.69	2.345
	Educational Toys	2.99	2	2.495
	Girls Toys	2	2.69	2.345
	Jigsaws	2.99	2.19	2.59

Appendix B

Items – Selected Second Hand Prices

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
Agriculture & Machinery	Farm Produce	2	500	1	150	251	75.5	163.25
	Farm Tools	18	890	15	1000	454	507.5	480.75
	Plant Equipment	50	4250	10	5000	2150	2505	2327.5
Appliances	Bedside Lamps	4	30	3	30	17	16.5	16.75
	Blenders	5	150	4	170	77.5	87	82.25
	Boilers	40	1000	30	900	520	465	492.5
	Ceiling lights	4	35	4	30	19.5	17	18.25
	Clothes Dryers	20	175	10	125	97.5	67.5	82.5
	Coffee Machines	0	150	0	200	75	100	87.5
	Cooker & Oven	40	350	40	450	195	245	220
	Desk Lamps	2	35	3	80	18.5	41.5	30
	Dishwashers	30	625	10	450	327.5	230	278.75
	Extractor Fans	30	100	15	270	65	142.5	103.75
	Floor Lamps	0	115	3	130	57.5	66.5	62
	Freezers	45	250	30	280	147.5	155	151.25
	Fridges	25	300	15	350	162.5	182.5	172.5
	Hair Dryers	2	80	2	90	41	46	43.5
	Heaters	30	200	10	149	115	79.5	97.25
	Hoovers	0	230	8	155	115	81.5	98.25
	Ice Cream Machines	7	80	35	50	43.5	42.5	43
	Kettles	5	20	5	30	12.5	17.5	15
	Ladders	10	220	15	70	115	42.5	78.75
	Lamps	4	35	3	18	19.5	10.5	15
	Microwaves	15	130	10	100	72.5	55	63.75
	Radiators	5	350	5	500	177.5	252.5	215
	Sandwich Makers	5	25	5	30	15	17.5	16.25
	Shavers	29	50	30	100	39.5	65	52.25
Stoves	10	420	30	300	215	165	190	
Toasters	15	175	5	175	95	90	92.5	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Washing machines	20	300	50	280	160	165	162.5
Baby Goods	Baby Accessories	2	50	0	50	26	25	25.5
	Baby clothes	1	10	1	15	5.5	8	6.75
	Baby Toys	1	30	1	50	15.5	25.5	20.5
	Buggys	0	80	10	135	40	72.5	56.25
	Car Seats	0	80	5	90	40	47.5	43.75
	Cots and Beds	1	100	30	130	50.5	80	65.25
	Fire Guards	20	60	15	50	40	32.5	36.25
	High chairs	8	220	3	200	114	101.5	107.75
	Prams	5	120	20	200	62.5	110	86.25
	Stair gates	5	40	5	75	22.5	40	31.25
Books, Comics & Magazines	Catalogues	1	15	5	50	8	27.5	17.75
	Childrens Books	0	5	1	15	2.5	8	5.25
	Comics	1	8	0	30	4.5	15	9.75
	Magazines	1	25	1	8	13	4.5	8.75
	Reading Books	1	15	1	19	8	10	9
	School Books	0	15	0	10	7.5	5	6.25
Building Materials	Blocks	0.4	1.5	0.5	1.3	0.95	0.9	0.925
	Decking	10	25	10	25	17.5	17.5	17.5
	Floor Boards	5	15	3	20	10	11.5	10.75
	General Fill Material	10	89	20	120	49.5	70	59.75
	Insulation	20	25	15	40	22.5	27.5	25
	Linoleum	7	20	10	25	13.5	17.5	15.5
	Metal & Steel	10	30	10	50	20	30	25
	Paint	20	35	15	40	27.5	27.5	27.5
	Patio Stone	2	25	1	20	13.5	10.5	12
	Piping	2	35	4	120	18.5	62	40.25
	Plaster Board	0	60	0	60	30	30	30
Roof Felt	50	100	40	65	75	52.5	63.75	
Sand	5	15	5	30	10	17.5	13.75	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Slates	0.5	3	0.63	3	1.75	1.815	1.7825
	Stone	0	30	5	80	15	42.5	28.75
	Tiles	6	15.5	1	17.25	10.75	9.125	9.9375
	Top soil	10	120	0	100	65	50	57.5
	Underlay	0	22.5	7	30	11.25	18.5	14.875
	Windows & Window fittings	50	600	10	699	325	354.5	339.75
	Wood	5	65	10	75	35	42.5	38.75
CDs, DVDs & Videos	CDs	0	5	2	13	2.5	7.5	5
	DVDs	0	25	0	10	12.5	5	8.75
	Tapes	2	10	0	3	6	1.5	3.75
	Videos	1	15	0	15	8	7.5	7.75
	Vinyl Records	1	12	0	18	6.5	9	7.75
Clothes, Fashion & Beauty	Bags	1	50	5	40	25.5	22.5	24
	Beauty Accessories	8	40	1	80	24	40.5	32.25
	Clothes Hangers	5	15	1	15	10	8	9
	Fashion Accessories	2	50	1	70	26	35.5	30.75
	Foot spa	8	60	10	35	34	22.5	28.25
	Footwear	5	50	20	130	27.5	75	51.25
	Gents Clothes	1	90	1	100	45.5	50.5	48
	Hair Dryers	2	50	8	80	26	44	35
	Hair Straighteners	16	80	5	120	48	62.5	55.25
	Hats	1	35	15	50	18	32.5	25.25
	Jewellery	2	50	1	45	26	23	24.5
	Ladies Clothes	2	95	1	140	48.5	70.5	59.5
Workwear	15	90	5	125	52.5	65	58.75	
Electronics	Cameras & Equipment	15	185	25	145	100	85	92.5
	Copiers (Home)	15	250	5	250	132.5	127.5	130
	DVD & Video Players	10	100	5	229	55	117	86
	Fax Machines	10	50	10	150	30	80	55
	Gaming Consoles	30	700	10	599	365	304.5	334.75

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Home Phones	10	25	10	30	17.5	20	18.75
	Home TVs	0	250	5	180	125	92.5	108.75
	Laptops	40	520	10	550	280	280	280
	Mobile Phones	7	120	20	120	63.5	70	66.75
	Monitors	10	200	12	320	105	166	135.5
	MP3 players	5	250	3	320	127.5	161.5	144.5
	PC Accessories	4	85	5	75	44.5	40	42.25
	PCs	15	750	10	750	382.5	380	381.25
	Portable TVs	20	40	5	70	30	37.5	33.75
	Printers (Home)	1	150	0	200	75.5	100	87.75
	Radios	10	80	5	75	45	40	42.5
	Scanners (Home)	10	150	10	130	80	70	75
	Stereo & Audio Equipment	5	125	20	200	65	110	87.5
Furniture	Antiques	10	150	35	275	80	155	117.5
	Bathroom Cabinet	10	100	10	199	55	104.5	79.75
	Bathroom Furniture	35	150	5	170	92.5	87.5	90
	Baths	25	475	10	400	250	205	227.5
	Bedside Lockers	10	75	5	100	42.5	52.5	47.5
	Book Cases	10	150	8	200	80	104	92
	Chairs	5	110	5	125	57.5	65	61.25
	Chest of Drawers	5	110	5	115	57.5	60	58.75
	Coffee Tables	15	175	5	200	95	102.5	98.75
	Double Bed + Mattress	30	590	40	525	310	282.5	296.25
	Double Bed Bases	20	400	20	400	210	210	210
	Double Mattresses	20	190	20	175	105	97.5	101.25
	Entertainment Storage Units	40	125	25	145	82.5	85	83.75
	Entertainment Units	10	500	40	400	255	220	237.5
	Futons & Sofa beds	20	600	20	900	310	460	385
	Hi-Fi Stands	85	120	45	110	102.5	77.5	90
King-Size Bed + Mattress	125	455	45	350	290	197.5	243.75	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Kitchen Units	20	375	10	450	197.5	230	213.75
	Living room furniture	15	300	23	375	157.5	199	178.25
	Mirrors (Bathroom)	10	35	4	50	22.5	27	24.75
	Mirrors (General)	10	60	5	75	35	40	37.5
	Pictures	2	55	1	75	28.5	38	33.25
	Shelving Units	10	50	10	100	30	55	42.5
	Side Tables	3	100	5	120	51.5	62.5	57
	Single Bed + Mattress	20	500	20	360	260	190	225
	Single Bed Bases	20	299	10	200	159.5	105	132.25
	Single Mattresses	10	180	10	250	95	130	112.5
	Sitting Room Suite (3+1)	30	1050	40	1175	540	607.5	573.75
	Sitting Room Suite (3+1+1)	60	1300	75	1275	680	675	677.5
	Sitting Room Suite (3+2)	75	1200	60	1200	637.5	630	633.75
	Sitting Room Suite (3+2+1)	80	1990	75	1300	1035	687.5	861.25
	Sofa	20	450	5	325	235	165	200
	Tables	25	120	10	105	72.5	57.5	65
	TV Stands	10	125	3	300	67.5	151.5	109.5
	Wardrobes	10	300	10	225	155	117.5	136.25
	Garden & Outdoor Items	Barbeques	5	130	15	120	67.5	67.5
Benches		60	110	20	95	85	57.5	71.25
Chairs		10	80	5	120	45	62.5	53.75
Childrens Play Equipment		10	160	30	150	85	90	87.5
Compost Bins & Wormeries		15	60	10	60	37.5	35	36.25
Decking		3	7.5	3	8	5.25	5.5	5.375
Flower Pots		2	10	0	12	6	6	6
Garden Gates		50	250	30	550	150	290	220
Garden Sheds / Greenhouses		120	600	100	650	360	375	367.5
Garden Tools		10	50	10	60	30	35	32.5
Ladders		10	220	15	70	115	42.5	78.75
Gazebo	65	450	50	350	257.5	200	228.75	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Patio Stone	3	15	3	20	9	11.5	10.25
	Plants	1	10	1	15	5.5	8	6.75
	Statues	7	60	5	75	33.5	40	36.75
	Sun Loungers	30	70	40	80	50	60	55
	Tables	30	50	5	55	40	30	35
	Timber Partitioning	3	150	15	130	76.5	72.5	74.5
	Topsoil & Bedding	12	50	1	50	31	25.5	28.25
	Trellis	20	59	10	50	39.5	30	34.75
	Umbrellas Parasols	13	28	5	60	20.5	32.5	26.5
Homeware & Crafts	Bags	1	60	1	50	30.5	25.5	28
	Bathroom accessories	10	70	3	25	40	14	27
	Blinds	5	50	5	65	27.5	35	31.25
	Carpets	4	20	5	30	12	17.5	14.75
	Curtains	10	160	3	125	85	64	74.5
	Cushions	5	30	3	25	17.5	14	15.75
	Cutlery	7	25	8	45	16	26.5	21.25
	Doors	10	225	10	250	117.5	130	123.75
	Hot Water Bottles	1	10	1	3	5.5	2	3.75
	Kitchen accessories	4	25	4	22	14.5	13	13.75
	Laundry Baskets	5	15	2	20	10	11	10.5
	Linens	10	50	5	60	30	32.5	31.25
	Ornaments	10	60	1	80	35	40.5	37.75
	Pictures & Paintings	2	75	1	105	38.5	53	45.75
	Pillows	5	15	3	15	10	9	9.5
	Pots & Pans	10	75	10	90	42.5	50	46.25
	Rugs	10	150	4	95	80	49.5	64.75
	Sewing Machine	30	150	25	175	90	100	95
	Tea Pots	4	12	2	25	8	13.5	10.75
	Tiles	6	55	1	30	30.5	15.5	23
Vases	2	45	1	50	23.5	25.5	24.5	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Windows	10	900	10	1100	455	555	505
Motors, Parts & Accessories	Caravans & Mobile homes	1000	15000	500	15500	8000	8000	8000
	Cars	200	3500	180	5000	1850	2590	2220
	Cars or Parts	25	100	43	150	62.5	96.5	79.5
	Motor Accessories	15	45	35	70	30	52.5	41.25
	Motor Parts	1	100	1	100	50.5	50.5	50.5
	Motorbikes	120	11000	250	10900	5560	5575	5567.5
	Roof racks	20	275	10	325	147.5	167.5	157.5
	Trailers	70	1350	100	500	710	300	505
	Vintage Motor Bikes	1000	5800	400	4500	3400	2450	2925
	Wheels & Tyres	10	175	10	135	92.5	72.5	82.5
Musical Instruments	Cellos	200	1750	250	1750	975	1000	987.5
	DJ Equipment	50	1100	60	2000	575	1030	802.5
	Drums	50	3000	70	2000	1525	1035	1280
	Guitars	20	250	15	250	135	132.5	133.75
	Keyboards	20	200	15	290	110	152.5	131.25
	Other Strings	25	200	15	320	112.5	167.5	140
	Pianos	50	500	50	1500	275	775	525
	Recorders	2	15	2	20	8.5	11	9.75
	Trumpets	40	230	95	150	135	122.5	128.75
Violins	25	520	25	495	272.5	260	266.25	
Office Equipment	Canteen Equipment	35	600	80	1150	317.5	615	466.25
	Computers	70	550	35	400	310	217.5	263.75
	Fans	5	30	15	75	17.5	45	31.25
	Fax Machines	10	50	10	150	30	80	55
	IT Equipment	15	100	2	125	57.5	63.5	60.5
	Leads & Cables	2	20	3	10	11	6.5	8.75
	Monitors	10	200	12	320	105	166	135.5
	Photocopiers	35	250	35	250	142.5	142.5	142.5
Printers	10	150	10	300	80	155	117.5	

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Projectors	20	899	20	500	459.5	260	359.75
	Scanners	10	500	5	400	255	202.5	228.75
Office Furniture	Chairs	5	150	5	165	77.5	85	81.25
	Desks	10	300	10	365	155	187.5	171.25
	Filing Cabinets	10	175	10	115	92.5	62.5	77.5
	Lockers	25	175	30	120	100	75	87.5
	Partitions	12	30	10	60	21	35	28
	Storage Cabinets	75	180	20	180	127.5	100	113.75
	Tables	20	200	10	360	110	185	147.5
	Beds & Cushions	20	35	5	60	27.5	32.5	30
Pet Accessories	Fish Bowls	10	20	20	20	15	20	17.5
	Kennels	15	200	20	200	107.5	110	108.75
	Pet cages	8	20	10	70	14	40	27
	Pet houses	2	20	7	50	11	28.5	19.75
	Pet toys	10	20	3	24	15	13.5	14.25
	Christmas Tree	40	50	10	80	45	45	45
Sports & Leisure	Art Materials	15	55	2	50	35	26	30.5
	Bike Accessories	4	60	2	65	32	33.5	32.75
	Childrens Bikes	20	175	10	160	97.5	85	91.25
	Fishing Equipment	2	230	1	330	116	165.5	140.75
	Gym & Exercise Equipment	10	250	20	275	130	147.5	138.75
	Indoor sports equipment	60	250	45	270	155	157.5	156.25
	Mens Bikes	50	425	25	370	237.5	197.5	217.5
	Motor Sports Equipment	10	400	5	450	205	227.5	216.25
	Outdoor Sports equipment	8	450	2	450	229	226	227.5
	Snooker / Pool tables	30	350	30	225	190	127.5	158.75
	Vintage Bikes	49	350	50	400	199.5	225	212.25
	Water Sports Equipment	10	190	10	380	100	195	147.5
	Womens Bikes	50	500	35	450	275	242.5	258.75
Stationery	Clips	0	0	0	0	0	0	0

Category	Sub-Category	DoneDeal.ie		Adverts.ie		Mid-Range Values		Second hand value
		Low	High	Low	High	DoneDeal.ie	Adverts.ie	
	Folders	0	0	0	0	0	0	0
	Notebooks	0	0	0	0	0	0	0
	Pads	0	0	0	0	0	0	0
	Paper	0	0	0	0	0	0	0
	Pens & Pencils	0	0	0	0	0	0	0
	Staplers	0	0	0	0	0	0	0
	Storage Boxes	0	0	0	0	0	0	0
	Tape	0	0	0	0	0	0	0
Toys & Games	Board Games	5	30	2	65	17.5	33.5	25.5
	Boys Toys	1	25	2	40	13	21	17
	Educational Toys	3	25	1	40	14	20.5	17.25
	Girls Toys	1	25	1	40	13	20.5	16.75
	Jigsaws	1	30	1	50	15.5	25.5	20.5

Appendix C

Item / Sub-category Values

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
Agriculture & Machinery	Farm Produce	163.25	1	82.125
	Farm Tools	480.75	8.74	244.745
	Plant Equipment	2,327.50	475	1401.25
Appliances	Bedside Lamps	16.75	3.97	10.36
	Blenders	82.25	13.24	34.505
	Boilers	492.50	994.475	743.4875
	Ceiling lights	18.25	4.12	11.185
	Clothes Dryers	82.50	162.49	122.495
	Coffee Machines	87.50	22.24	54.87
	Cooker & Oven	220.00	189.99	15.005
	Desk Lamps	30.00	9.495	19.7475
	Dishwashers	278.75	282.49	280.62
	Extractor Fans	103.75	44.99	74.37
	Floor Lamps	62.00	7.745	34.8725
	Freezers	151.25	166.49	158.87
	Fridges	172.50	154.99	163.745
	Hair Dryers	43.50	14.99	29.245
	Heaters	97.25	19.99	58.62
	Hoovers	98.25	56.24	77.245
	Ice Cream Machines	43.00	50.375	46.6875
	Kettles	15.00	15.72	15.36
	Ladders	78.75	19.24	48.995
	Lamps	15.00	4.82	9.91
	Microwaves	63.75	52.49	58.12
	Radiators	215.00	31.495	123.2475
	Sandwich Makers	16.25	16.24	16.245
	Shavers	52.25	18.99	35.62
	Stoves	190.00	94.47	142.235
	Toasters	92.50	18.74	55.62
Washing machines	162.50	219.99	191.245	
Baby Goods	Baby Accessories	25.50	10.495	17.9975

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Baby clothes	6.75	7.975	7.3625
	Baby Toys	20.50	6.75	13.625
	Buggys	56.25	37.49	46.87
	Car Seats	43.75	44.97	44.36
	Cots and Beds	65.25	91.24	78.245
	Fire Guards	36.25	30.995	33.6225
	High chairs	107.75	33.49	70.62
	Prams	86.25	86.24	86.245
	Stair gates	31.25	21.995	26.6225
Books, Comics & Magazines	Catalogues	17.75	1	9.375
	Childrens Books	5.25	7.99	6.62
	Comics	9.75	4.15	6.95
	Magazines	8.75	1	4.875
	Reading Books	9.00	10.74	9.87
	School Books	6.25	3	4.625
Building Materials	Blocks	0.93	0.485	0.705
	Decking	17.50	10.92	14.21
	Floor Boards	10.75	13.35	12.05
	General Fill Material	59.75	74.995	67.3725
	Insulation	25.00	18.915	21.9575
	Linoleum	15.50	11.25	13.375
	Metal & Steel	25.00	10.825	17.9125
	Paint	27.50	13.355	20.4275
	Patio Stone	12.00	3.595	7.7975
	Piping	40.25	3.81	22.03
	Plaster Board	30.00	6.02	18.01
	Roof Felt	63.75	46.37	55.06
	Sand	13.75	3.82	8.785
	Slates	1.78	1.425	1.60375
	Stone	28.75	6.81	17.78
Tiles	9.94	9.715	9.82625	
Top soil	57.50	50	53.75	

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Underlay	14.88	24.12	19.4975
	Windows & Window fittings	339.75	93.76	216.755
	Wood	38.75	21.5	30.125
CDs, DVDs & Videos	CDs	5.00	7.725	6.3625
	DVDs	8.75	6.815	7.7825
	Tapes	3.75	0	1.875
	Videos	7.75	2.51	5.13
	Vinyl Records	7.75	9.12	8.435
Clothes, Fashion & Beauty	Bags	24.00	18.75	21.375
	Beauty Accessories	32.25	9.995	21.1225
	Clothes Hangers	9.00	3.82	6.41
	Fashion Accessories	30.75	10	20.375
	Foot spa	28.25	41.97	35.11
	Footwear	51.25	26.745	38.9975
	Gents Clothes	48.00	10.5	29.25
	Hair Dryers	35.00	14.99	24.995
	Hair Straighteners	55.25	14.49	34.87
	Hats	25.25	16.475	20.8625
	Jewellery	24.50	4	14.25
	Ladies Clothes	59.50	7.75	33.625
	Workwear	58.75	2.125	30.4375
Electronics	Cameras & Equipment	92.50	53.49	72.995
	Copiers (Home)	130.00	60.74	95.37
	DVD & Video Players	86.00	39.99	62.995
	Fax Machines	55.00	77.49	66.245
	Gaming Consoles	334.75	203.74	269.245
	Home Phones	18.75	7.49	13.12
	Home TVs	108.75	137.49	123.12
	Laptops	280.00	214.99	247.495
	Mobile Phones	66.75	26.99	46.87
	Monitors	135.50	114.99	125.245
	MP3 players	144.50	34.99	89.745

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	PC Accessories	42.25	8.24	25.245
	PCs	381.25	277.99	329.62
	Portable TVs	33.75	63.275	48.5125
	Printers (Home)	87.75	49.49	68.62
	Radios	42.50	15.24	28.87
	Scanners (Home)	75.00	63.24	69.12
	Stereo & Audio Equipment	87.50	49.99	68.745
Furniture	Antiques	117.50	180	148.75
	Bathroom Cabinet	79.75	22.745	51.2475
	Bathroom Furniture	90.00	19.995	54.9975
	Baths	227.50	212.475	219.9875
	Bedside Lockers	47.50	31.995	39.7475
	Book Cases	92.00	19.495	55.7475
	Chairs	61.25	17.995	39.6225
	Chest of Drawers	58.75	67.995	63.3725
	Coffee Tables	98.75	20.995	59.8725
	Double Bed + Mattress	296.25	227.495	261.8725
	Double Bed Bases	210.00	92.995	151.4975
	Double Mattresses	101.25	126.495	113.8725
	Entertainment Storage Units	83.75	20.495	52.1225
	Entertainment Units	237.50	26.995	132.2475
	Futons & Sofa beds	385.00	103.245	244.1225
	Hi-Fi Stands	90.00	21.495	55.7475
	King-Size Bed + Mattress	243.75	118.995	181.3725
	Kitchen Units	213.75	42.245	127.9975
	Living room furniture	178.25	10.495	94.3725
	Mirrors (Bathroom)	24.75	16.245	20.4975
	Mirrors (General)	37.50	5.745	21.6225
	Pictures	33.25	5.995	19.6225
	Shelving Units	42.50	15.995	29.2475
Side Tables	57.00	10.745	33.8725	

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Single Bed + Mattress	225.00	181.245	203.1225
	Single Bed Bases	132.25	75.745	103.9975
	Single Mattresses	112.50	90.495	101.4975
	Sitting Room Suite (3+1)	573.75	444.5	509.125
	Sitting Room Suite (3+1+1)	677.50	649.5	663.5
	Sitting Room Suite (3+2)	633.75	640	636.875
	Sitting Room Suite (3+2+1)	861.25	1149.5	1005.375
	Sofa	200.00	165.5	182.75
	Tables	65.00	47.5	56.25
	TV Stands	109.50	15.495	62.4975
	Wardrobes	136.25	58.495	97.3725
	Garden & Outdoor Items	Barbeques	67.50	19.99
Benches		71.25	69.24	70.245
Chairs		53.75	13.995	33.8725
Childrens Play Equipment		87.50	12.5	50
Compost Bins & Wormeries		36.25	12.495	24.3725
Decking		5.38	30.3	17.8375
Flower Pots		6.00	0.845	3.4225
Garden Gates		220.00	80.645	150.3225
Garden Sheds / Greenhouses		367.50	219.495	293.4975
Garden Tools		32.50	8.49	20.495
Ladders		78.75	19.24	48.995
Padogas		228.75	64.99	146.87
Patio Stone		10.25	3.595	6.9225
Plants		6.75	1.995	4.3725
Statues		36.75	22.74	29.745
Sun Loungers		55.00	36.99	45.995
Tables		35.00	47.24	41.12
Timber Partitioning		74.50	25.435	49.9675
Topsoil & Bedding		28.25	5.245	16.7475
Trellis		34.75	9.325	22.0375

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Umbrellas	26.50	26.495	26.4975
Homeware & Crafts	Bags	28.00	5.62	16.81
	Bathroom accessories	27.00	6.24	16.62
	Blinds	31.25	4.995	18.1225
	Carpets	14.75	4.88	9.815
	Curtains	74.50	15.495	44.9975
	Cushions	15.75	3.5	9.625
	Cutlery	21.25	3.995	12.6225
	Doors	123.75	51.995	87.8725
	Hot Water Bottles	3.75	8.99	6.37
	Kitchen accessories	13.75	4.87	9.31
	Laundry Baskets	10.50	4.245	7.3725
	Linens	31.25	6.995	19.1225
	Ornaments	37.75	13.495	25.6225
	Pictures & Paintings	45.75	5.995	25.8725
	Pillows	9.50	2.97	6.235
	Pots & Pans	46.25	5.37	25.81
	Rugs	64.75	13.245	38.9975
	Sewing Machine	95.00	125.99	110.495
	Tea Pots	10.75	8.495	9.6225
	Tiles	23.00	9.715	16.3575
Vases	24.50	4.295	14.3975	
Windows	505.00	93.76	299.38	
Motors, Parts & Accessories	Caravans & Mobile homes	8,000.00	2475	5237.5
	Cars	2,220.00	11675	6947.5
	Cars or Parts	79.50	88.5	84
	Motor Accessories	41.25	39	40.125
	Motor Parts	50.50	4.235	27.3675
	Motorbikes	5,567.50	2372.5	3970
	Roof racks	157.50	94.975	126.2375
	Trailers	505.00	404.995	454.9975
	Vintage Motor Bikes	2,925.00	1600	2262.5

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Wheels & Tyres	82.50	41.695	62.0975
Musical Instruments	Cellos	987.50	438	712.75
	DJ Equipment	802.50	12.155	407.3275
	Drums	1,280.00	284	782
	Guitars	133.75	64.97	99.36
	Keyboards	131.25	142.995	137.1225
	Other Strings	140.00	32.48	86.24
	Pianos	525.00	474	499.5
	Recorders	9.75	6.75	8.25
	Trumpets	128.75	231.075	179.9125
	Violins	266.25	89.975	178.1125
Office Equipment	Canteen Equipment	466.25	68.965	267.6075
	Computers	263.75	277.99	270.87
	Fans	31.25	12.205	21.7275
	Fax Machines	55.00	73.175	64.0875
	IT Equipment	60.50	6.63	33.565
	Leads & Cables	8.75	4.72	6.735
	Monitors	135.50	102.08	118.79
	Photocopiers	142.50	78.49	110.495
	Printers	117.50	74.27	95.885
	Projectors	359.75	309.495	334.6225
	Scanners	228.75	102.995	165.8725
Office Furniture	Chairs	81.25	57.185	69.2175
	Desks	171.25	123.605	147.4275
	Filing Cabinets	77.50	57.49	67.495
	Lockers	87.50	83.43	85.465
	Partitions	28.00	101.465	64.7325
	Storage Cabinets	113.75	126.685	120.2175
	Tables	147.50	82.96	115.23
Pet Accessories	Beds & Cushions	30.00	7.5	18.75
	Fish Bowls	17.50	10.99	14.245
	Kennels	108.75	72	90.375

Category	Sub-Category	Second hand value	New Value	Reuse Unit Value
	Pet cages	27.00	22.99	24.995
	Pet houses	19.75	3.485	11.6175
	Pet toys	14.25	1.74	7.995
Seasonal	Christmas Tree	45.00	73.595	59.2975
Sports & Leisure	Art Materials	30.50	12.47	21.485
	Bike Accessories	32.75	3.495	18.1225
	Childrens Bikes	91.25	54.99	73.12
	Fishing Equipment	140.75	12.975	76.8625
	Gym & Exercise Equipment	138.75	112.495	125.6225
	Indoor sports equipment	156.25	7.94	82.095
	Mens Bikes	217.50	186.595	202.0475
	Motor Sports Equipment	216.25	28.24	122.245
	Outdoor Sports equipment	227.50	5.585	116.5425
	Snooker / Pool tables	158.75	229.245	193.9975
	Vintage Bikes	212.25	0	106.125
	Water Sports Equipment	147.50	61.495	104.4975
	Womens Bikes	258.75	186.595	222.6725
Stationery	Clips	0.00	3.37	1.685
	Folders	0.00	2.125	1.0625
	Notebooks	0.00	1.87	0.935
	Pads	0.00	1.87	0.935
	Paper	0.00	5.47	2.735
	Pens & Pencils	0.00	0.87	0.435
	Staplers	0.00	3.62	1.81
	Storage Boxes	0.00	4.62	2.31
	Tape	0.00	2.12	1.06
Toys & Games	Board Games	25.50	7.49	16.495
	Boys Toys	17.00	2.345	9.6725
	Educational Toys	17.25	2.495	9.8725
	Girls Toys	16.75	2.345	9.5475
	Jigsaws	25.50	2.59	14.045

Appendix D

Monetary value of Reuse through FreeTrade Ireland - 2015 Data

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
Agriculture & Machinery	Farm Produce	1	82.125	82.125
	Miscellaneous	4	50	200
	Plant Equipment	2	1,401.25	2802.5
Antiques	Furniture	21	148.75	3123.75
	Miscellaneous	1015	40	40600
Appliances	Bedside Lamps	9	10.36	93.24
	Blenders	4	34.51	138.02
	Boilers	2	743.49	1486.975
	Ceiling lights	21	11.19	234.885
	Clothes Dryers	9	122.50	1102.455
	Coffee Machines	6	54.87	329.22
	Cooker & Oven	26	15.01	390.13
	Desk Lamps	3	19.75	59.2425
	Dishwashers	10	280.62	2806.2
	Extractor Fans	7	74.37	520.59
	Floor Lamps	4	34.87	139.49
	Freezers	12	158.87	1906.44
	Fridges	46	163.75	7532.27
	Hair Dryers	2	29.25	58.49
	Heaters	15	58.62	879.3
	Hoovers	16	77.25	1235.92
	Ice Cream Machines	1	46.69	46.6875
	Kettles	1	15.36	15.36
	Lamps	17	9.91	168.47
	Microwaves	10	58.12	581.2
	Miscellaneous	62	30	1860
	Radiators	8	123.25	985.98
	Sandwich Makers	3	16.25	48.735

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Stoves	4	142.24	568.94
	Toasters	2	55.62	111.24
	Washing machines	19	191.25	3633.655
Baby Goods	Baby Accessories	18	18.00	323.955
	Baby clothes	36	7.36	265.05
	Baby Toys	10	13.63	136.25
	Buggys	26	46.87	1218.62
	Car Seats	23	44.36	1020.28
	Cots and Beds	45	78.25	3521.025
	High chairs	16	33.62	537.96
	Miscellaneous	41	70.62	2895.42
	Prams	6	86.25	517.47
	Stair gates	15	26.62	399.3375
Books, Comics & Magazines	Childrens Books	2	6.62	13.24
	Magazines	157	82.125	765.375
	Miscellaneous	101	50	505
	Reading Books	469	1,401.25	4629.03
	School Books	4	148.75	18.5
Building Materials	Blocks	91	40	64.155
	Floor Boards	5	82.125	60.25
	General Fill Material	1	50	67.3725
	Insulation	8	1,401.25	175.66
	Ladders	2	148.75	97.99
	Metal & Steel	42	40	752.325
	Miscellaneous	73	10.36	1460
	Paint	11	34.51	224.7025
	Patio Stone	300	743.49	2339.25
	Piping	11	11.19	242.33

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Sand	1	122.50	8.785
	Slates	50	54.87	80.1875
	Stone	1	15.01	17.78
	Tiles	487	19.75	4785.38375
	Windows & Window fittings	61	280.62	13222.055
	Wood	95	74.37	2861.875
CDs, DVDs & Videos	DVDs	522	34.87	4062.465
	Miscellaneous	2	158.87	10
	Tapes	101	163.75	189.375
	Videos	36	29.25	184.68
Clothes, Fashion & Beauty	Bags	4	58.62	85.5
	Beauty Accessories	2	77.25	42.245
	Clothes Hangers	1	46.69	6.41
	Fashion Accessories	1	15.36	20.375
	Footwear	4	9.91	155.99
	Hair Straighteners	1	58.12	34.87
	Jewellery	3	30	42.75
	Ladies Clothes	13	123.25	437.125
	Miscellaneous	5	16.25	50
	Miscellaneous Beauty	2	142.24	42.245
	Miscellaneous Clothing	5	55.62	250
Electronics	Cameras & Equipment	6	191.25	437.97
	Copiers (Home)	1	18.00	95.37
	DVD & Video Players	14	7.36	881.93
	Fax Machines	1	13.63	66.245
	Gaming Consoles	5	46.87	1346.225
	Home Phones	5	44.36	65.6
	Home TVs	112	78.25	13789.44

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Laptops	6	33.62	1484.97
	Miscellaneous	84	70.62	3937.08
	Mobile Phones	8	86.25	1001.96
	Monitors	9	26.62	807.705
	PC Accessories	20	6.62	504.9
	PCs	9	4.88	2966.58
	Portable TVs	12	5	582.15
	Printers (Home)	15	9.87	1029.3
	Radios	4	4.63	115.48
	Scanners (Home)	2	0.71	138.24
	Stereo & Audio Equipment	40	12.05	2749.8
Furniture	Antiques	3	67.37	446.25
	Bathroom Cabinet	5	21.96	256.2375
	Bathroom Furniture	17	49.00	934.9575
	Baths	9	17.91	1979.8875
	Bedside Lockers	73	20	2901.5675
	Book Cases	89	20.43	4961.5275
	Chairs	470	7.80	18622.575
	Chest of Drawers	119	22.03	7541.3275
	Coffee Tables	52	8.79	3113.37
	Double Bed + Mattress	60	1.60	15712.35
	Double Bed Bases	142	17.78	21512.645
	Double Mattresses	58	9.83	6604.605
	Entertainment Storage Units	29	216.76	1511.5525
	Entertainment Units	15	30.13	1983.7125
	Futons & Sofa beds	47	7.78	11473.7575
	Hi-Fi Stands	1	5	55.7475
	King-Size Bed + Mattress	8	1.88	1450.98

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Kitchen Units	79	5.13	10111.8025
	Living room furniture	244	21.38	23026.89
	Mirrors (General)	14	21.12	286.965
	Miscellaneous	275	6.41	5946.1875
	Pictures	2	20.38	39.245
	Shelving Units	137	39.00	4006.9075
	Side Tables	17	34.87	575.8325
	Single Bed + Mattress	69	14.25	14015.4525
	Single Bed Bases	97	33.63	10087.7575
	Single Mattresses	41	10	4161.3975
	Sitting Room Suite (3+1)	17	21.12	8655.125
	Sitting Room Suite (3+1+1)	40	50	26540
	Sitting Room Suite (3+2)	9	73.00	5731.875
	Sitting Room Suite (3+2+1)	10	95.37	10053.75
	Sofa	259	63.00	47332.25
	Tables	207	66.25	11643.75
	TV Stands	30	269.25	1874.925
	Wardrobes	120	13.12	11684.7
Garden & Outdoor Items	Barbeques	22	123.12	962.39
	Benches	8	247.50	561.96
	Chairs	16	46.87	541.96
	Childrens Play Equipment	36	125.25	1800
	Compost Bins & Wormeries	21	89.75	511.8225
	Decking	2	25.25	35.675
	Flower Pots	15	329.62	51.3375
	Garden Gates	3	48.51	450.9675
	Garden Sheds / Greenhouses	9	68.62	2641.4775
	Garden Tools	38	28.87	778.81

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Ladders	2	69.12	97.99
	Miscellaneous	238	68.75	34955.06
	Patio Stone	886	148.75	6133.335
	Plants	99	51.25	432.8775
	Statues	1	55.00	29.745
	Sun Loungers	5	219.99	229.975
	Tables	19	39.75	781.28
	Timber Partitioning	3	55.75	149.9025
	Topsoil & Bedding	1	39.62	16.7475
	Trellis	3	63.37	66.1125
	Umbrellas	2	59.87	52.995
Homeware & Crafts	Bathroom accessories	40	261.87	664.8
	Blinds	28	151.50	507.43
	Carpets	42	113.87	412.23
	Curtains	26	52.12	1169.935
	Cushions	7	132.25	67.375
	Cutlery	20	244.12	252.45
	Doors	35	55.75	3075.5375
	Hot Water Bottles	3	181.37	19.11
	Kitchen accessories	194	128.00	1806.14
	Laundry Baskets	3	94.37	22.1175
	Linens	4	20.50	76.49
	Miscellaneous	206	21.62	2060
	Ornaments	10	19.62	256.225
	Pictures & Paintings	27	29.25	698.5575
	Pillows	8	33.87	49.88
	Pots & Pans	14	203.12	361.34
	Rugs	23	104.00	896.9425

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Sewing Machine	4	101.50	441.98
	Tea Pots	1	509.13	9.6225
	Tiles	18	663.50	294.435
	Windows	2	636.88	598.76
Motors, Parts & Accessories	Cars	1	1,005.38	6947.5
	Cars or Parts	8	182.75	672
	Miscellaneous	10	56.25	500
	Motor Accessories	5	62.50	200.625
	Motor Parts	1	97.37	27.3675
	Roof racks	6	43.75	757.425
	Trailers	1	70.25	454.9975
	Wheels & Tyres	7	33.87	434.6825
Musical Instruments	DJ Equipment	1	50.00	407.3275
	Drums	1	24.37	782
	Guitars	2	17.84	198.72
	Keyboards	2	3.42	274.245
	Miscellaneous	9	150.32	270
	Other Strings	2	293.50	172.48
	Pianos	18	20.50	8991
	Violins	1	49.00	178.1125
Office Equipment	Computers	6	146.87	1625.22
	Fax Machines	3	6.92	192.2625
	Miscellaneous	44	82.125	1540
	Photocopiers	6	50	662.97
	Printers	26	1,401.25	2493.01
	Projectors	1	148.75	334.6225
	Scanners	1	40	165.8725
Office Furniture	Chairs	39	10.36	2699.4825

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Desks	94	34.51	13858.185
	Filing Cabinets	52	743.49	3509.74
	Lockers	2	11.19	170.93
	Miscellaneous	15	122.50	300
	Partitions	10	54.87	647.325
	Storage Cabinets	20	15.01	2404.35
	Tables	4	19.75	460.92
Pet Accessories	Beds & Cushions	2	280.62	37.5
	Fish Bowls	4	74.37	56.98
	Kennels	5	34.87	451.875
	Miscellaneous	5	158.87	25
	Pet cages	12	163.75	299.94
	Pet houses	4	29.25	46.47
	Pet toys	1	58.62	7.995
Seasonal	Christmas Tree	3	77.25	177.8925
Sports & Leisure	Bike Accessories	8	46.69	144.98
	Childrens Bikes	38	15.36	2778.56
	Fishing Equipment	1	9.91	76.8625
	Gym & Exercise Equipment	39	58.12	4899.2775
	Indoor sports equipment	6	30	492.57
	Mens Bikes	25	123.25	5051.1875
	Miscellaneous	145	16.25	7250
	Outdoor Sports equipment	43	142.24	5011.3275
	Snooker / Pool tables	4	55.62	775.99
	Vintage Bikes	2	191.25	212.25
	Water Sports Equipment	1	18.00	104.4975
	Womens Bikes	8	7.36	1781.38
Stationery	Clips	1	13.63	1.685

2015 Data				
Category	Sub Category	Items	Unit Value	Total Value
	Folders	210	46.87	223.125
	Pads	7	44.36	6.545
	Paper	6	78.25	16.41
	Storage Boxes	2	33.62	4.62
Toys & Games	Board Games	2	70.62	32.99
	Boys Toys	25	86.25	241.8125
	Educational Toys	11	26.62	108.5975
	Girls Toys	11	6.62	105.0225
	Jigsaws	3	4.88	42.135
	Miscellaneous	66	5	990
Total Savings				660,234

