

Suffolk Waste Partnership

End Use Register for Recycled and Reused Waste 2011-12

This end use register has been compiled to show Suffolk residents what happens to your recycling after it is collected. In the period April 2011 to March 2012 194,956 tonnes of materials were recycled, reused or composted - more than 95% of this was collected directly from households through kerbside recycling and organic collections, or from material taken to Household Waste Recycling Centres and Bring Sites by residents (The remaining material was collected from business customers). 53.2% of all household waste in Suffolk was recycled, making us the 6th best performing local authority area in the Country.

The table below details the materials collected by the Suffolk Waste Partnership in 2011-12. The table is split into kerbside collections (wheelie bins for recycling and organic waste), Bring Sites (bottle banks etc), Household Waste Recycling Centres (11 sites around the county collecting a range of materials), and Other Collections for services that fall outside these core services. The table shows the total tonnes recycled or reused, the name and address of the processor, a website address to enable further information to be accessed, and the end use for the materials.

BENEFITS OF RECYCLING AND REUSE -Reuse and recycling reduce carbon emissions, both by saving energy in extraction and manufacturing processes and by avoiding the powerful greenhouse gas (methane) emitted from landfilled biodegradable waste, such as paper and food. Reuse and recycling also have other environmental benefits, such as the conservation of natural resources from forestry and mining and the reduction of other forms of pollution.

Kerbside Collections	Tonnes	Destination/Processor	Processor Website	End Use
Card	545	St Regis Paper Co Ltd, Kemsley Paper Mill, Sittingbourne	www.dsmithpaper.com	Recycled into new card products.
	53			Recycled into new paper products.
Paper	7,971	Palm Paper Ltd, Kings Lynn, Norfolk	www.palmpaper.co.uk	Pulped and reprocessed into recycled newsprint.
	4,052	Viridor Material Recycling Facility, Gt Blakenham - Export Material	www.suffolkrecyclingconsortium.org.uk	Sorted at Material Recycling Facility and exported for recycling into new paper and card products such as newsprint.
	3,844			Sorted at Material Recycling Facility and sold in the UK for recycling into new paper and card products such as newsprint.
	Mixed paper & card			12,305
16,282				Sorted at Material Recycling Facility and sold in the UK for recycling into new paper and card products such as newsprint.
Plastics	1,146	J & A Young Ltd, Leicester, LE15 8AE	http://javyplas.com	Plastic is graded and granulated to be used in new plastic products.
	2,446	Viridor Material Recycling Facility, Gt Blakenham - Export Material	www.suffolkrecyclingconsortium.org.uk	Sorted at Material Recycling Facility and exported for recycling into new plastic products.
	1,503			Sorted at Material Recycling Facility and sold in UK for recycling into new plastic products.
Mixed cans	135	Viridor Material Recycling Facility, Gt Blakenham - Export Material	www.suffolkrecyclingconsortium.org.uk	Cans sorted at Material Recycling Facility and exported for recycling into new metal products.
	1,887			Cans sorted at Material Recycling Facility and sold in the UK for recycling into new metal products.
Steel cans	149	Tata, Abbey Works, West Glamorgan, SA13 2NG	www.tatasteeleurope.com	Recycled into new steel products.
Aluminium cans	30	Novelis UK Ltd, Latchford Lock Works, Warrington	www.novelisrecycling.co.uk	Recycled into new aluminium products.
Garden Waste	6,849	Material Change, Creeting St Mary	www.material-change.com	Composted in Windrows* and used by local farmers, landscapers and horticulturists. Some also sold in bags at HWRCs.
Garden Waste with 'Green' kitchen waste	18,576	Lackford Compost	www.tamar-energy.com	Composted through an In Vessel** process and used as soil improver on local farms.
	9,802	Anglian Water Services Ltd, Ipswich, IP3 0ET		
Garden Waste with full food waste	28,689	Countrystyle/Tamar Energy, Parham, IP13 9AF	www.tamar-energy.com	
Bring Sites	Tonnes	Destination/Processor	Processor Website	End Use
Books	24	JMP Wilcox and Co, Birmingham.	www.jmpwilcox.co.uk	The books are reused or pulped for new paper products.
	11	Oxfam	www.oxfam.org.uk	The books are collected and then distributed to Oxfam charity shops.
	7	British Heart Foundation	www.bhf.org.uk/shop/our-local-shops.aspx	The books are collected and then distributed to BHF charity shops.

Bric-a-brac	1	Local Charities		Collected by charities and sold for reuse.
Brown glass	437	Berryman, South Kirkby	www.berrymanglassrecycling.com	Glass crushed and sold as aggregate.
Mixed glass	376	Berryman, South Kirkby	www.berrymanglassrecycling.com	
	1,927	Viridor, Suffolk	www.viridor.co.uk	
Clear glass	3,192	Berryman, South Kirkby	www.berrymanglassrecycling.com	Glass melted down and used to make new jars and bottles.
	763	Viridor, Suffolk	www.viridor.co.uk	
Green glass	6,502	Berryman, South Kirkby	www.berrymanglassrecycling.com	
Card	367	Pearsons Ltd (Now Viridor), Thetford, IP24 1HZ	www.viridor.co.uk	Sold to paper mills where it is pulped and reused in paper and card products.
Paper	105	Aylesford Newsprint, Kent.	www.aylesford-newsprint.co.uk	Pulped and reprocessed into recycled newsprint.
	64	Palm Paper Ltd, Kings Lynn, Norfolk	www.palmpaper.co.uk	
	174	Pearsons Ltd (Now Viridor), Thetford, IP24 1HZ	www.viridor.co.uk	Sold to paper mills where it is pulped and reused in paper and card products.
	630	Bolton Bros, Ipswich	www.boltonbros.co.uk	
Tetra-Pak	17	Pearsons Ltd (Now Viridor), Thetford, IP24 1HZ	www.viridor.co.uk	Cartons pulped and aluminium, polythene and paper separated off for recycling.
Mixed Cans	2	S Sacker, Ipswich	www.sackers.co.uk	Shredded, sorted into metal types and sold on for recycling.
	13	Pearsons Ltd (Now Viridor), Thetford, IP24 1HZ	www.viridor.co.uk	
Mixed paper & card	406	Bolton Bros, Ipswich	www.boltonbros.co.uk	Sold to paper mills where it is pulped and reused in paper and card products.
Plastics	56	Pearsons Ltd (Now Viridor), Thetford, IP24 1HZ	www.viridor.co.uk	Sold for further processing into new plastic products.
Textiles & footwear	510	Black Country Rag plus occasional Charities	www.bcrglobal.com	Direct reuse in developing world or shredded to be made into cotton felt/wadding/mops/dusters and industrial wiping cloths.
Household Waste Recycling Centres	Tonnes	Destination/Processor	Processor Website	End Use
Clear glass	480	Berryman, South Kirkby	www.berrymanglassrecycling.com	Glass melted down and used to make new jars and bottles.
	137	Ardagh Glass Ltd, Knottingley	www.ardaghgroup.com	
Mixed glass	1,308	Berryman, South Kirkby	www.berrymanglassrecycling.com	Glass crushed and sold as aggregate.
	129	Ardagh Glass Ltd, Knottingley	www.ardaghgroup.com	
Green garden waste only	3,030	Material Change, Creeting St Mary	www.material-change.com	Composted in Windrows* and used by local farmers, landscapers and horticulturists. Some also sold in bags at HWRCs.
	2,855	FCC Composting, Red Lodge		Composted in Windrows* and used as soil improver on local farms.
	2,001	Green Comp Ltd, Wymondham		
	5,581	Viridor, Foxhall, Ipswich	www.viridor.co.uk	Composted in Windrows* and used by local farmers, landscapers and horticulturists.

Wood	10,463	Hadfield Wood Recyclers, Manchester/Middlesborough	www.hadfield.co.uk	Shredded and decontaminated then turned into animal bedding.
Card	1,462	Bolton Bros, Ipswich	www.boltonbros.co.uk	Sold to paper mills where it is pulped and reused in paper and card products.
	238	AJ Thompson, Newmarket	www.ajthompsonwastepaper.co.uk	
	356	SCA Recycling (Now DS Smith), Lowestoft	www.dssmithrecycling.com	Pulped and reused in paper and card products.
Paper	173	Aylesford Newsprint, Kent	www.aylesford-newsprint.co.uk	Pulped and reprocessed into recycled newsprint.
	113	AJ Thompson, Newmarket	www.ajthompsonwastepaper.co.uk	Sold to paper mills where it is pulped and reused in paper and card products.
	408	Bolton Bros, Ipswich	www.boltonbros.co.uk	
Hard Plastic	563	Freedom Recycling Ltd, Thetford	www.freedomrecyclingthetford.co.uk	Sorted into plastic types and sold on for recycling.
	338	Pearsons (Now Viridor), Thetford	www.viridor.co.uk	
	396	EMR, Bedfordshire	www.emrltd.com	
	144	Bolton Bros, Ipswich	www.boltonbros.co.uk	
Carrier Bags and Film	31	Bolton Bros, Ipswich	www.boltonbros.co.uk	Material is graded then packed and sold, usually to China. Once exported the plastic is granulated and used for new products such as bin bags or non coloured plastic goods.
Plastics	46	Bolton Bros, Ipswich	www.boltonbros.co.uk	Material is graded then packed and sold, usually to China. Once exported the plastic is granulated and used for new products such as bin bags or non coloured plastic goods.
Scrap metal	1,224	EMR, Willesden	www.emrltd.com	Shredded, sorted into metal types and sold on for recycling.
	3,190	S Sacker, Ipswich	www.sackers.co.uk/	
Mixed cans	2	S Sacker, Ipswich	www.sackers.co.uk	Sorted into metal types and sold on for recycling.
Televisions	267	Reclaimed Appliances, Boston via Reclaimed Appliances at Highpoint Prison	www.reclaimed-appliances.co.uk	Units tested and working items are packaged and resold, mainly to developing countries. Non working units broken down and materials sold on for recycling, some to TV manufacturing.
	1,818	Sunersol		Broken down into component parts and sold on for recycling.
Light Bulbs and Tubes	5	Wiser Group, Cambridgeshire	www.wisergroup.co.uk/recycling.html	Glass is used for manufacture of new bulbs or aggregate for roads. Mercury is separated off and sold and metals are sold on for recycling.
	9	Recolight, Croyden	www.recolight.co.uk	
Fridges & Freezers	832	European Metal Recycling	www.emrltd.com	Broken down into separate components for reuse in manufacturing. CFCs extracted for safe disposal.
Large Electrical Items	208	European Metal Recycling	www.emrltd.com	Units shredded and separated into component parts (eg copper, steel, aluminium) and sold on for recycling.
	1,264	S Sacker, Ipswich	www.sackers.co.uk	
Small Electrical Items	636	Reclaimed Appliances, Boston.	www.reclaimed-appliances.co.uk	Broken down into component parts and sold on for recycling.
	1,823	Sunersol		
Rubble	670	Lafarge Aggregates Ltd, Barham, Ipswich	www.lafarge.co.uk	Crushed and screened then sold as different grades of aggregate.
	7,389	S Sacker, Ipswich.	www.sackers.co.uk	

Textiles & footwear	1,061	JMP Wilcox and Co, Birmingham	www.jmpwilcox.co.uk	Direct reuse in developing world or shredded to be made into cotton felt/wadding/mops/dusters and industrial wiping cloths.
Automotive batteries	58	EMR, Bedfordshire	www.emrltd.com	Sold to specialised processor and broken down into component parts (Lead/Acid/Plastic).
	88	S Sacker, Ipswich	www.sackers.co.uk	
Domestic Batteries	20	G & P Batteries Ltd, Wednesbury	www.g-pbatt.co.uk	Batteries separated into battery types then broken down to component parts. Approximately 60% of material is recycled.
Tetra-Pak	8	Bolton Bros, Ipswich	www.boltonbros.co.uk/	Cartons pulped and aluminium, polythene and paper separated off for recycling.
Gas bottles	18	Calor/Flogas		Bottles collected and reused.
Ink & toner cartridges	1	Takeback Ltd	www.takeback.ltd.uk	Cartridges Processed and reused.
Mineral Oil	116	Oakwood Environmental, Newark	www.oakwoodfuels.co.uk	Oil is processed and used as fuel oil for boilers.
Vegetable Oil	20	Living Fuels, Thetford	www.livingfuels.co.uk	Oil is filtered and used as biodiesel.
Plasterboard	376	Countrystyle, Kent	www.countrystylegroup.co.uk	Processed to separate paper from gypsum. Paper is used for animal bedding and gypsum powder either used in agriculture as a ph improver or in the production of new plasterboard.
Books/CDs/DVDs	312	JMP Wilcox and Co, Birmingham	www.jmpwilcox.co.uk	Graded and sold for reuse where possible.
Bicycles	49	Local Charities		Collected by charities and sold for reuse.
Bric-a-brac	15			
Tools	1			
Furniture	49			
Other Collections	Tonnes	Destination/Processor	Processor Website	End Use
Waste food	453	Adnams Biogroup, Southwold	http://adnamsbioenergy.co.uk	Processed through an Anaerobic Digestion*** facility to create biogas and a compost product.
Grounds Maintenance to Compost	263	Viridor Composting Foxhall	www.viridor.co.uk	Composted in Windrows* and used by local farmers, landscapers and horticulturists.
Automotive batteries	13	S Sacker, Ipswich.	www.sackers.co.uk	Sold to specialised processor and broken down into component parts (Lead/Acid/Plastic).
Card	281	Datashredders UK, Wimblington	www.datashredders.co.uk	Material is pulped and made back into cardboard.
	234	Newport Paper Ltd, Newport	www.newportpaper.com	
Domestic Batteries	12	G & P Batteries Ltd, Wednesbury.	www.g-pbatt.co.uk	Batteries separated into battery types then broken down to component parts. Approximately 60% of material is recycled.
Furniture	240	Ipswich Furniture Project, Ipswich	www.ipswichfp.org	Collected by charity and sold for reuse.
Mineral Oil	2	OSS Group Ltd, Thetford Transfer Station, Ingham, IP31 1NQ	www.ossgroutd.com	Recycled as a fuel oil.
Grounds Maintenance to Compost	179	13476 - R G Housden[70755] - IP28 6RE		Composted in Windrows*
Mixed glass	659	Lafarge Aggregates Ltd, Ipswich, IP6 0PF	www.lafarge.co.uk	Glass crushed and sold as aggregate.
	95	Viridor, Suffolk	www.viridor.co.uk	

	347	Berryman, South Kirkby	www.berrymanglassrecycling.com	
Mixed paper & card	119	Newport Paper Ltd, Springfield Industrial Estate, Newport, TF10 7NB	www.newportpaper.com	Material is pulped and then used to make newsprint and card.
Mixed tyres	20	Viridor, Suffolk	www.viridor.co.uk	Tyres are shredded and then the material is re-used for surfacing.
	15	S Sacker, Ipswich.	www.sackers.co.uk	
Old Wheelie Bins	17	Datashredders UK, Wimblington	www.datashredders.co.uk	Bins are re granulated and used for new plastic products.
Scrap metal	649	S Sacker, Ipswich.	www.sackers.co.uk	Shredded, sorted into metal types and sold on for recycling.
Paper	10	Newport Paper Ltd, Springfield Industrial Estate, Newport, TF10 7NB	www.newportpaper.com	Material is pulped and then used to make newsprint.
	9	Viridor, Great Blakenham	www.viridor.co.uk	Sold for recycling into new paper and card products such as newsprint.
Plasterboard	16	Collins, Folly Farm, Tattingstone, Ipswich, IP9 2NY	www.collins-skiphire.co.uk	Sold on for further processing.
Rubble	297	Collins, Folly Farm, Tattingstone, Ipswich, IP9 2NY	www.collins-skiphire.co.uk	Crushed, graded and used as recycled aggregate.
Light Bulbs and Tubes	1	Balkan Engineering Ltd, Horncastle, Lincolnshire, LN9 6JR	www.cfl-lamprecycling.com	Glass is used for manufacture of new bulbs or aggregate for roads. Mercury is separated off and sold and metals are sold on for recycling.
	19	ERP UK	www.erp-recycling.co.uk	
Large Electrical Items	187	Ipswich Furniture Project, Ipswich Furniture Depot, Ipswich	www.ipswichfp.org	Collected by charity and sold for reuse.
	141	ERP UK	www.erp-recycling.co.uk	Materials are shredded and separated into the component parts.
Small Electrical Items	28	ERP UK	www.erp-recycling.co.uk	Graded, shredded and sold on as recycled plastic pellets/ metal.
	9	Eco Aegis Services Ltd, Hook Lane, Eastwood End, Wimblington, Cambridge, PE15 0QQ		
Wood	99	S Sacker, Ipswich.	www.sackers.co.uk	Wood is baled and sold on as a bio mass fuel.
	137	Collins, Folly Farm, Tattingstone, Ipswich, IP9 2NY	www.collins-skiphire.co.uk	
Gully Cleansing	333	M Gaze	www.mgaze.co.uk	Gully cleansing is seperated into the different material parts for recycling.
Street Sweeping	2,136	Sweepings to Eastern Waste Disposal	http://easternwastedisposal.co.uk	Sweepings processed and recycled for landscaping projects.
	1,058	S Sacker, Ipswich.	www.sackers.co.uk	
	2,555	Claydon Skip Hire, Ipswich, IP3 9RR	www.claydonskiphire.co.uk	
Mixed Materials	697	Claydon Skip Hire, Ipswich, IP3 9RR	www.claydonskiphire.co.uk	Mixed Waste sorted into materials for recycling.

*Windrow Composting is the production of compost by piling organic matter or biodegradable waste in long rows (windrows). These rows are generally turned to improve porosity and oxygen content and redistribute cooler and hotter portions of the pile.

**In Vessel Composting confines the composting materials within a building, container, or vessel. In-vessel composting systems can consist of metal or plastic tanks or concrete bunkers in which air flow and temperature can be controlled.

***Anaerobic Digestion is a series of processes in which microorganisms break down biodegradable material in the absence of oxygen, producing both biogas and a nutrient rich compost product.