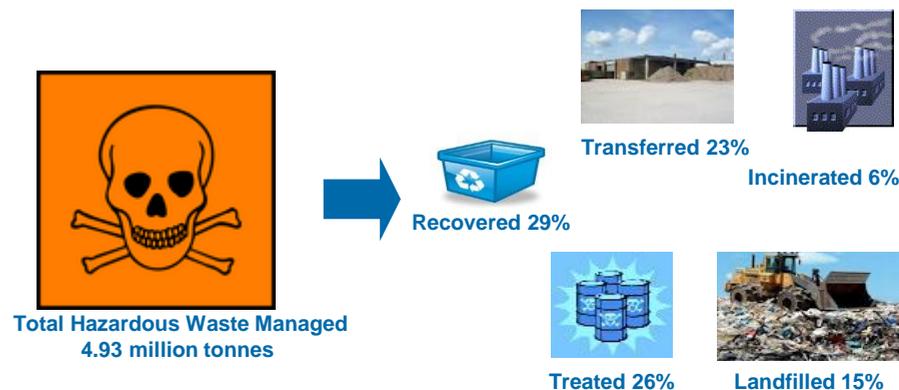


Waste management 2016: England

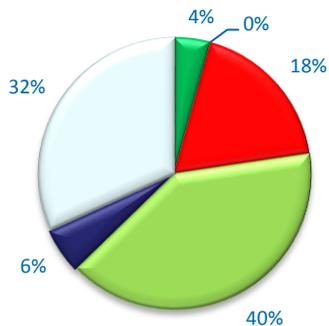
Waste managed

Waste Management Method	Sites permitted at end 2016	Sites that accepted waste in 2016	Millions tonnes managed in 2016
Landfill	507	340	44.7
Transfer	2,987	2,340	46.7
Treatment	2,782	2,075	72.4
Metal Recovery	2,420	1,244	13.8
Incineration	146	81	11.6
Use of Waste	175	90	1.6
Land Disposal	317	212	12.2
Total	9,334	6,382	203

Hazardous waste movements



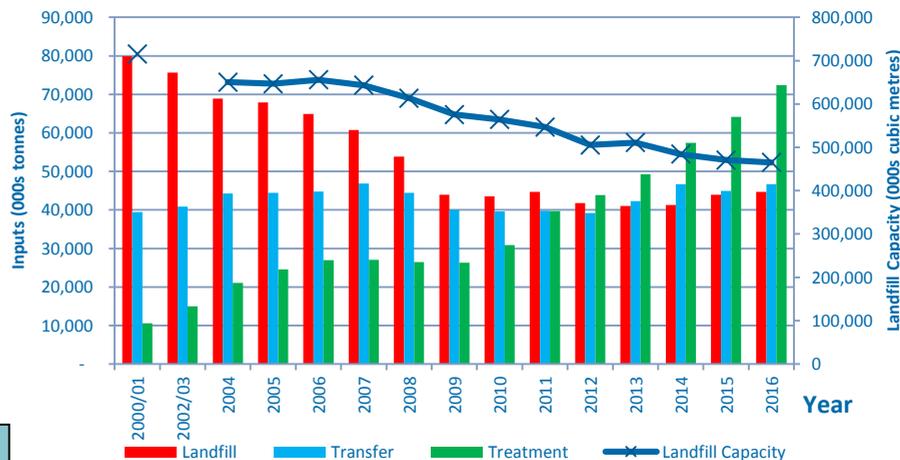
Remaining landfill capacity



- Hazardous Merchant
- Hazardous Restricted
- Non Hazardous with SNRHW cell
- Non Hazardous
- Non Hazardous Restricted
- Inert

Total = 465 million cubic metres

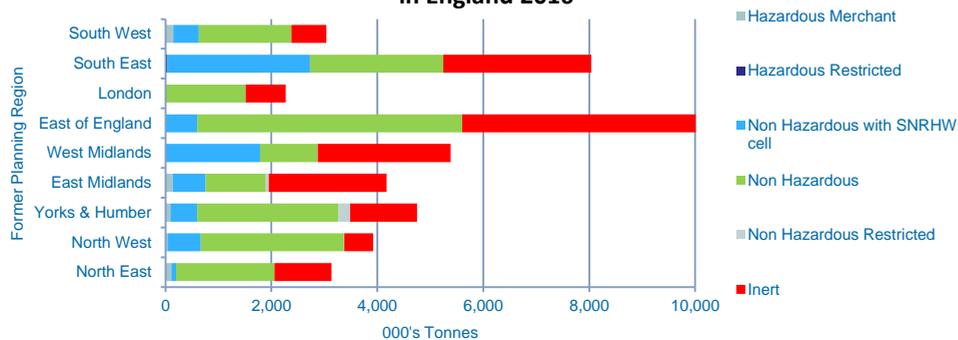
Trends: 2000 to 2016



Landfill inputs and capacity 2016

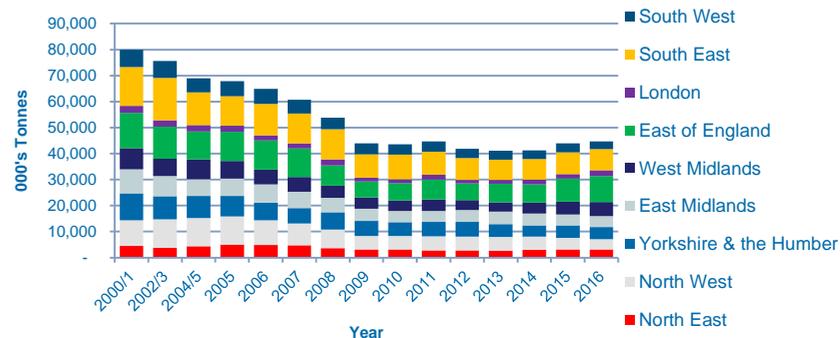
Landfill inputs

Landfill inputs by site type in England 2016



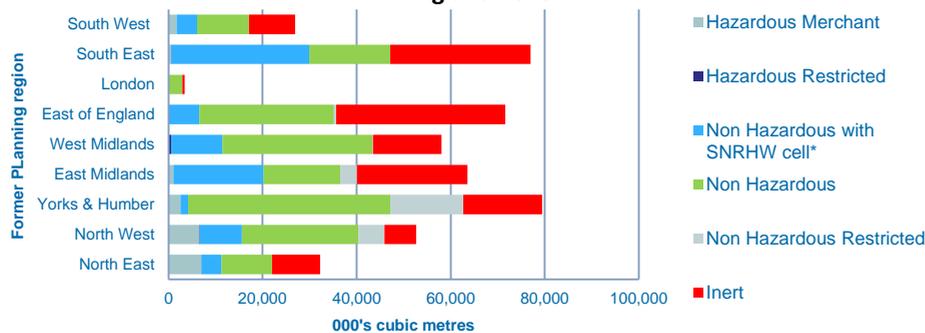
Trends: 2000 to 2016

Landfill inputs by former planning region in England 2000 - 2016

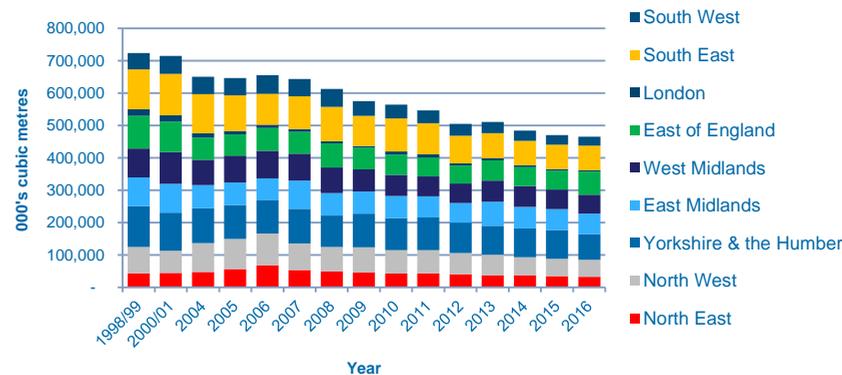


Landfill capacity

Landfill capacity by site type in England 2016



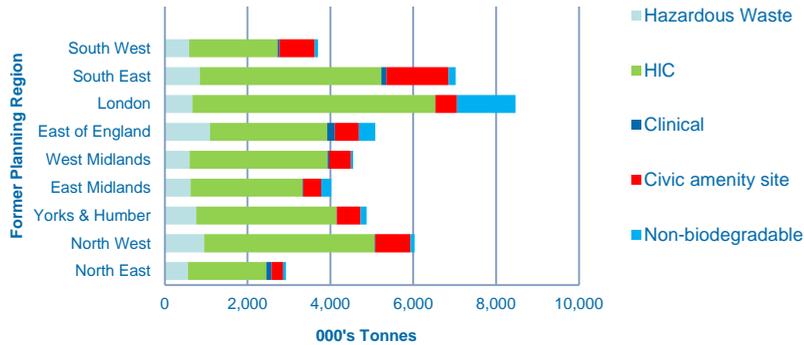
Remaining landfill capacity by former planning region in England 1999 - 2016



Transfer and treatment inputs 2016

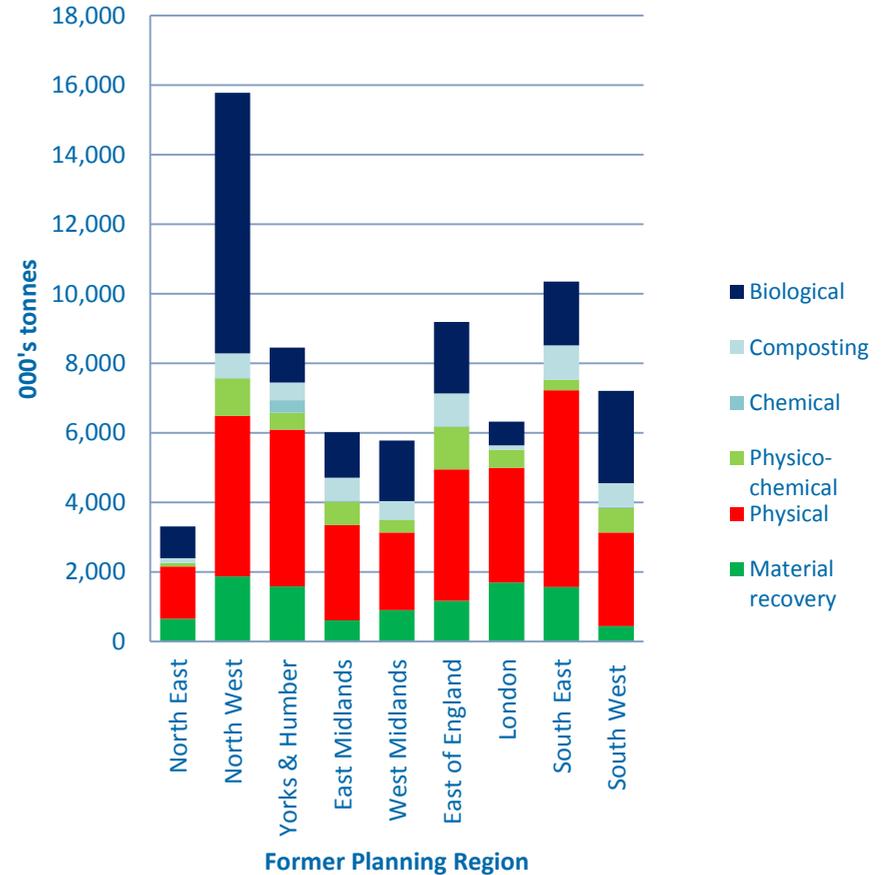
Transfer inputs

Inputs into transfer facilities by site type
England 2016



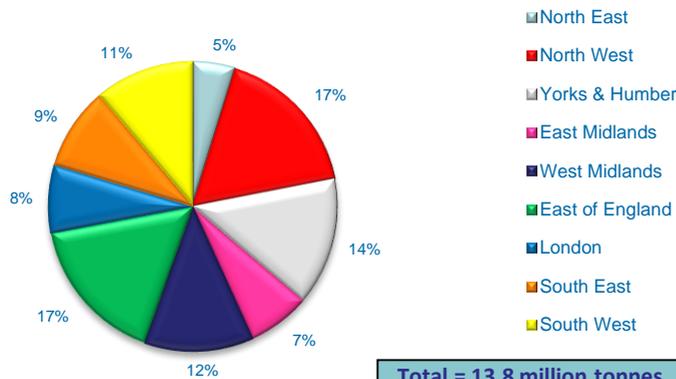
Treatment inputs

Inputs to treatment facilities by site type
England 2016



Metal recovery inputs

Metal recovery in England 2016

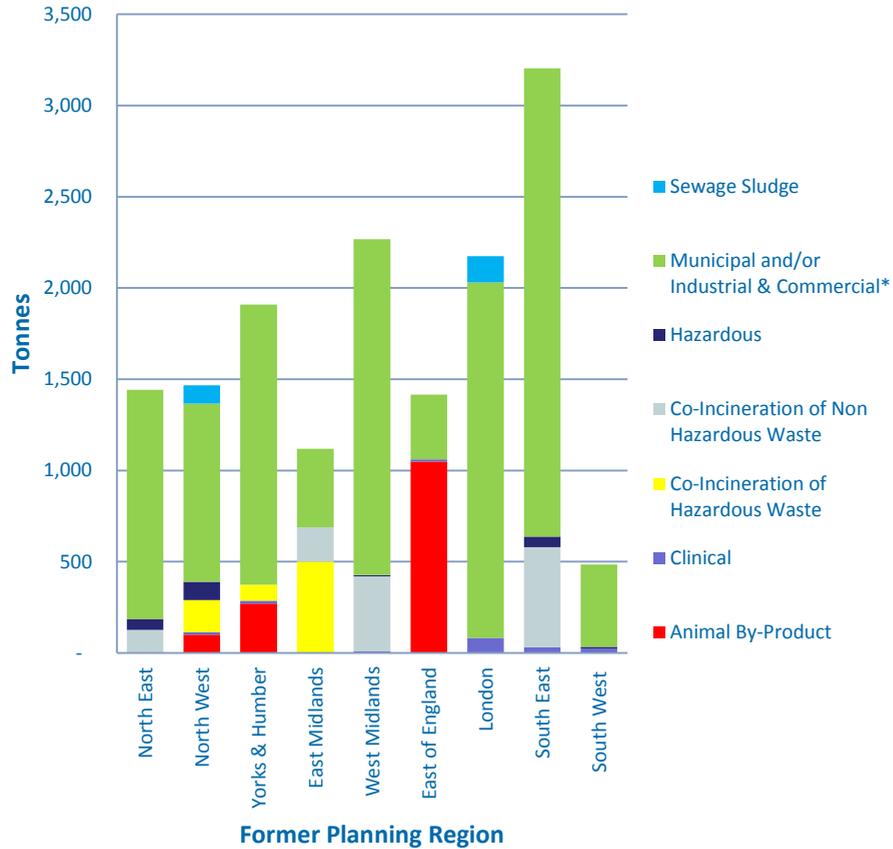


Total = 13.8 million tonnes

Incineration inputs and capacity 2016

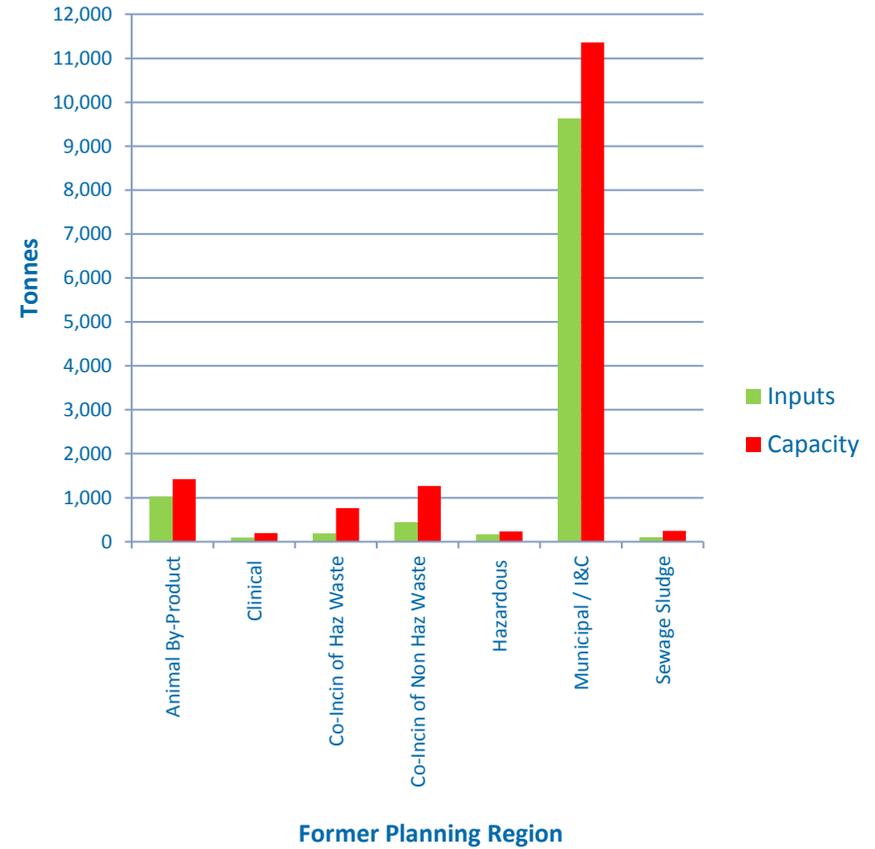
Incineration inputs

Incineration capacity by type
England 2016



Incineration utilisation

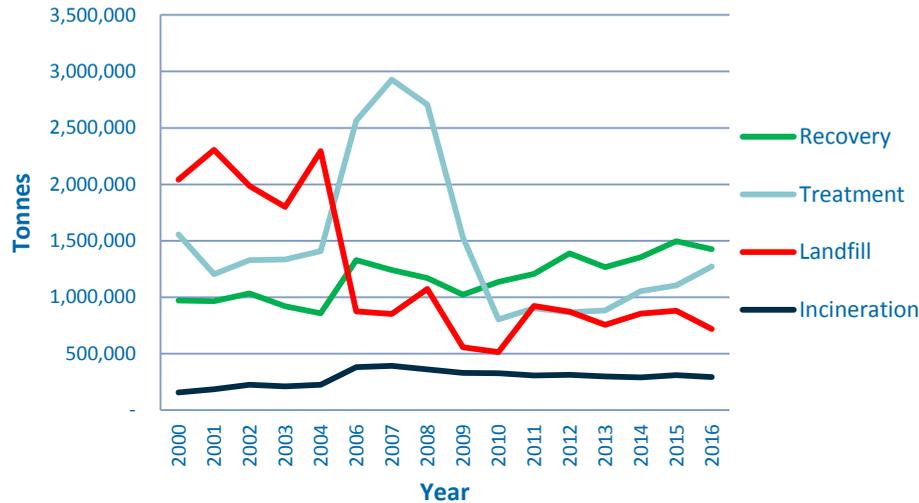
Utilisation of incineration capacity by type
in England 2016



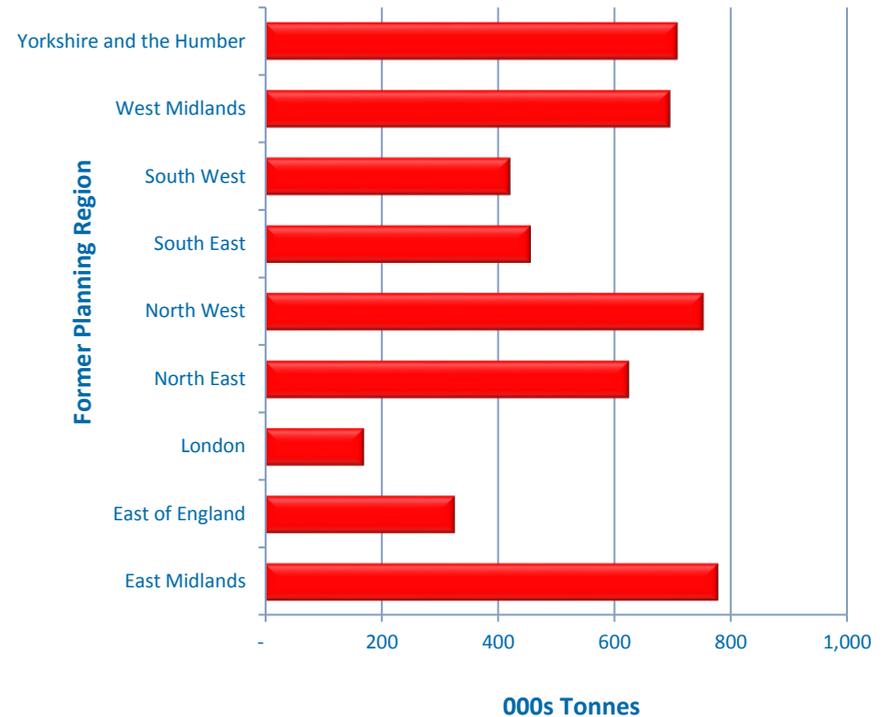
Hazardous waste 2016

Hazardous waste deposits

Hazardous waste deposit trends in England by fate 2000-2016



Hazardous Waste Deposits by Former Planning Region 2016



Notes

2005 was a transitional year with data from old and new hazardous waste systems. There were comparability issues and some data was missing so returns for 2005 have not been included in this trend analysis. The increase in treatment between 2004 and 2007 was largely accounted for by a Single plant on Teesside, which took in more than 1.6 million tonnes of liquid wastes by pipeline from nearby chemical processing plants in 2007. This industry has now decreased substantially shown by the reduction in treatment.

Regional picture 2016

Former Planning Region	East Midlands	East of England	London	North East	North West	South East	South West	West Midlands	Yorkshire & the Humber	ENGLAND
Landfill Inputs										
In 2016 (in 000s tonnes)	4,173	10,007	2,271	3,132	3,922	8,036	3,038	5,386	4,750	44,715
Transfer Inputs										
In 2016 (in 000s tonnes)	4,027	5,083	8,469	2,924	6,037	7,022	3,698	4,547	4,878	46,684
Treatment Inputs (excluding metal recycling sector)										
In 2016 (in 000s tonnes)	6,017	9,191	6,327	3,312	15,783	10,353	7,209	5,776	8,451	72,419
Incineration										
Inputs in 2016 (in 000s tonnes)	560	1,190	1,830	779	1,238	2,578	351	1,620	1,494	11,639
Permitted capacity at end of 2016 at operational incinerators (in 000s tonnes)	1,118	1,415	2,175	1,441	1,466	3,203	484	2,268	1,910	15,481
Number of operational incinerators in 2016	6	7	7	4	8	17	9	14	9	81
Landfill Capacity & Life										
Remaining capacity for non haz merchant sites at end 2016 (000s cubic metres)	35,480	35,148	2,931	15,045	33,777	46,624	15,387	42,841	44,626	271,858
Remaining capacity for merchant haz sites at end 2016 (000s cubic metres)	1,040	-	-	6,985	6,481	550	1,748	-	2,514	19,319
Remaining capacity at inert sites at end 2016 (000s cubic metres)	23,524	35,952	518	10,237	6,680	29,795	9,763	14,559	16,747	147,775
Landfill Life 2016 for non haz wastes only based on 2016 inputs (years)	13.6	4.4	1.4	5.5	6.8	6.2	4.7	10.0	9.9	6.8
Hazardous Waste										
Managed in 2016 (tonnes)	461,663	361,480	397,133	527,296	642,261	647,479	386,079	514,438	620,248	4,558,077
Deposited in 2016 (tonnes)	776,053	325,955	170,408	623,817	751,637	455,765	420,689	694,305	706,680	4,925,309
No. of hazardous waste only landfills in 2016	2	-	1	2	6	3	4	3	2	23