

Appendix G

Waste Imported and Exported in 2019 (tonnes) by Basic Waste Category and Region/Country

Notes on tables in this Appendix:

All figures in the tables have been rounded to the nearest tonne.

1. The Environment Agency 'Basic Waste Categories' are as follows: Hazardous (self-explanatory), Hhold/ Ind/ Com (= household waste and commercial and industrial (C&I) waste) and Inert/ C&D waste (= inert construction and demolition waste).
2. The 'Site Categories' used in the WDI are as follows: Landfill (= Hazardous Merchant LF, Inert LF, Non Haz (SNRHW) LF), Non Hazardous LF, MRS (= Car Breaker, Metal Recycling, Vehicle Depollution), On/ In Land (= Deposit of waste to land (recovery)), Transfer (= CA Site, Clinical Waste Transfer, Haz Waste Transfer, Inert Waste Transfer, Non-Haz Waste Transfer), Treatment (= Anaerobic Digestion, Biological Treatment, Chemical Treatment, Composting, Haz Waste Transfer/ Treatment, Inert Waste Transfer/ Treatment, Material Recycling Facility, Non-Haz Waste Transfer/ Treatment, Physical Treatment, Physical-Chemical Treatment, WEEE Treatment), Use of Waste (= Construction).
3. The total figures for each year by Site Category and Basic Waste Category may be slightly different due to rounding.
4. The WDI started to record waste sent to Incinerators from 2019, however prior to this the Incinerator returns were published by the Environment Agency separately which included the origin of the waste. The WDI did not record waste received at Incinerators, and the Environment Agency's published Operational Incinerators data only provides the tonnages of waste managed at each site per annum and not the origin of the waste, although this information is available from the separate Incinerator Returns.
5. The WDI data has been adjusted where sites that received waste are known to have been coded to the wrong Facility WPA. This affects waste received at the following sites:
 - Unit 5 Bridge Trading Estate in 2015 (in Sandwell but incorrectly coded to Walsall)
 - North Barn Farm Composting in 2015 and 2016 (in West Sussex but incorrectly coded to Sandwell)
 - Bubbenhall Landfill in 2015, 2016 and 2017 (in Warwickshire but incorrectly coded to Coventry)
 - Waste under one of the permits for Aqua Force in 2016 and 2017 (in Staffordshire but incorrectly coded to Wolverhampton)



- Network Rail, Bescot Sidings in 2016, 2017, 2018 and 2019 (in Sandwell but incorrectly coded to Walsall)
 - ▶ Swancote Farm Composting in 2017, 2018 and 2019 (in Shropshire but incorrectly coded to Wolverhampton)



Imports

Origin Region/Country, Management and Type of Waste Received in the Black Country 2015 – 2019

Table G.1 Waste Received at permitted sites in the Black Country in 2019 by origin region and basic waste category (tonnes).

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|-----------------|----------------------|---------------|-----------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 47,911 | 95,693 | 6,029 | 149,632 | 3.77% |
| East of England | 33,222 | 35,861 | 5,904 | 74,986 | 1.89% |
| London | 44,158 | 27,142 | 309 | 71,608 | 1.80% |
| North East | 6,671 | 37,458 | 1,526 | 45,654 | 1.15% |
| North West | 27,716 | 54,676 | 3,298 | 85,690 | 2.16% |
| South East | 53,638 | 53,185 | 359 | 107,182 | 2.70% |
| South West | 30,993 | 101,455 | 2,196 | 134,644 | 3.39% |
| West Midlands | 193,136 | 1,888,818 | 1,055,233 | 3,137,187 | 79.03% |
| Yorks & Humber | 43,638 | 32,261 | 1,132 | 77,030 | 1.94% |
| N Ireland | 2,093 | 753 | 762 | 3,608 | 0.09% |
| Scotland | 5,238 | 3,297 | 291 | 8,826 | 0.22% |

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|---------------|----------------------|------------------|------------------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| Wales | 10,940 | 51,691 | 3,041 | 65,671 | 1.65% |
| Outside UK | 247 | 7,143 | 438 | 7,828 | 0.20% |
| TOTAL | 499,600 | 2,389,431 | 1,080,518 | 3,969,548 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019

Table G.2 Waste Received at permitted sites in the Black Country in 2018 by origin region and basic waste category (tonnes).

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|-----------------|----------------------|---------------|-----------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 33,546 | 56,632 | 8,293 | 98,471 | 2.58% |
| East of England | 14,234 | 41,780 | 1,784 | 57,798 | 1.52% |
| London | 42,045 | 18,397 | 883 | 61,325 | 1.61% |
| North East | 7,347 | 9,929 | 3,279 | 20,554 | 0.54% |
| North West | 21,205 | 68,786 | 2,241 | 92,232 | 2.42% |
| South East | 52,110 | 50,522 | 1,444 | 104,076 | 2.73% |
| South West | 30,214 | 78,760 | 871 | 109,846 | 2.88% |
| West Midlands | 204,805 | 1,807,037 | 1,031,490 | 3,043,332 | 79.85% |

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|-------------------|----------------------|------------------|------------------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| Yorks & Humber | 88,327 | 52,019 | 1,307 | 141,653 | 3.72% |
| N Ireland | 1,090 | 891 | 238 | 2,219 | 0.06% |
| Scotland | 5,551 | 2,816 | 456 | 8,823 | 0.23% |
| Wales | 10,013 | 30,674 | 1,312 | 41,998 | 1.10% |
| Outside UK | 681 | 1,450 | 537 | 2,669 | 0.07% |
| West Midlands Est | - | 26,267 | - | 26,267 | 0.69% |
| TOTAL | 511,168 | 2,245,959 | 1,054,136 | 3,811,264 | 0.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018

Table G.3 Waste Received at permitted sites in the Black Country in 2017 by origin region and basic waste category (tonnes).

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|-----------------|----------------------|---------------|-----------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 33,991 | 119,335 | 23,163 | 176,489 | 3.73% |
| East of England | 9,607 | 40,395 | 1,071 | 51,072 | 1.08% |
| London | 45,790 | 49,678 | 3,493 | 98,961 | 2.09% |
| North East | 4,716 | 4,877 | 5,187 | 14,780 | 0.31% |

| Origin Region | Basic Waste Category | | | Black Country Total | % Total Waste Received |
|-------------------|----------------------|------------------|------------------|---------------------|------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| North West | 21,960 | 93,521 | 5,879 | 121,360 | 2.57% |
| South East | 39,270 | 52,006 | 554 | 91,830 | 1.94% |
| South West | 24,516 | 100,102 | 3,807 | 128,425 | 2.72% |
| West Midlands | 160,184 | 2,318,070 | 1,387,680 | 3,865,935 | 81.73% |
| Yorks & Humber | 24,326 | 66,196 | 1,182 | 91,705 | 1.94% |
| N Ireland | 1,141 | 1,360 | 534 | 3,036 | 0.06% |
| Scotland | 3,891 | 2,028 | 1 | 5,919 | 0.13% |
| Wales | 10,019 | 31,245 | 621 | 41,884 | 0.89% |
| Outside UK | 525 | 2,078 | 53 | 2,655 | 0.06% |
| West Midlands Est | 48 | 35,741 | 173 | 35,962 | 0.76% |
| TOTAL | 379,984 | 2,916,632 | 1,433,399 | 4,730,015 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017

Table G.4a Origin Region/ Country and Waste Management by Site Category of Waste Received in the Black Country, 2016 (tonnes)

| Origin Region/ Country | Waste Received by Site Category (tonnes) | | | | | | Total Waste Received by Origin - Tonnes | Total Waste Received by Origin - % |
|---------------------------|--|----------------|------------|------------------|----------------|--------------|---|--|
| | Landfill | MRS | On/In Land | Transfer | Treatment | Use of Waste | | |
| East Midlands | 59,060 | 7,465 | 0 | 61,833 | 36,972 | 0 | 165,329 | 3.95% |
| East of England | 5,729 | 8,787 | 0 | 19,765 | 19,747 | 0 | 54,028 | 1.29% |
| London | 33,014 | 6,118 | 0 | 9,809 | 33,231 | 0 | 82,172 | 1.97% |
| North East | 369 | 457 | 0 | 929 | 3,062 | 0 | 4,816 | 0.12% |
| North West | 12,964 | 6,161 | 0 | 71,408 | 28,425 | 0 | 118,958 | 2.85% |
| South East | 2,694 | 18,017 | 0 | 9,763 | 40,119 | 0 | 70,594 | 1.69% |
| South West | 4,889 | 28,484 | 0 | 39,329 | 28,346 | 0 | 101,048 | 2.42% |
| West Midlands | 1,076,017 | 712,087 | 320 | 1,026,386 | 546,876 | 0 | 3,361,687 | 80.41% |
| Yorks & Humber | 1,752 | 4,047 | 0 | 50,763 | 20,680 | 0 | 77,243 | 1.85% |
| N Ireland | 0 | 183 | 0 | 68 | 1,464 | 0 | 1,715 | 0.04% |
| Scotland | 1,142 | 104 | 0 | 694 | 5,086 | 0 | 7,026 | 0.17% |
| Wales | 853 | 12,212 | 0 | 4,915 | 16,533 | 0 | 34,514 | 0.83% |
| Outside UK | 0 | 589 | 0 | 375 | 1,059 | 0 | 2,023 | 0.05% |
| Origin Not Codeable | 0 | 55,287 | 0 | 28,856 | 15,356 | 0 | 99,499 | 2.38% |
| TOTAL | 1,198,483 | 859,997 | 320 | 1,324,892 | 796,958 | 0 | 4,180,651 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.4b Origin Region/ Country and Basic Waste Category of Waste Received in the Black Country, 2016 (tonnes)

| Origin Region/ Country | Waste Received by Basic Waste Category (tonnes) | | | Total Waste Received by Origin - Tonnes | Total Waste Received by Origin - % |
|----------------------------|---|------------------|------------------|---|------------------------------------|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| East Midlands | 21,425 | 141,451 | 2,453 | 165,329 | 3.95% |
| East of England | 11,247 | 41,176 | 1,605 | 54,028 | 1.29% |
| London | 21,152 | 60,819 | 201 | 82,172 | 1.97% |
| North East | 2,937 | 1,278 | 602 | 4,816 | 0.12% |
| North West | 17,604 | 100,087 | 1,267 | 118,958 | 2.85% |
| South East | 37,140 | 33,129 | 324 | 70,594 | 1.69% |
| South West | 18,892 | 76,240 | 5,915 | 101,048 | 2.42% |
| West Midlands | 147,873 | 2,224,210 | 989,603 | 3,361,687 | 80.41% |
| Yorks & Humber | 17,772 | 58,149 | 1,322 | 77,243 | 1.85% |
| N Ireland | 254 | 1,461 | 0 | 1,715 | 0.04% |
| Scotland | 2,675 | 3,126 | 1,226 | 7,026 | 0.17% |
| Wales | 10,494 | 23,602 | 418 | 34,514 | 0.83% |
| Outside UK | 753 | 709 | 562 | 2,023 | 0.05% |
| Origin Not Codeable | 427 | 75,254 | 23,819 | 99,499 | 2.38% |
| TOTAL | 310,644 | 2,840,690 | 1,029,317 | 4,180,651 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.5a Origin Region/ Country and Waste Management by Site Category of Waste Received in the Black Country, 2015 (tonnes)

| Origin Region/ Country | Waste Received by Site Category (tonnes) | | | | | | Total Waste Received by Origin - Tonnes | Total Waste Received by Origin - % |
|--------------------------------|--|------------------|---------------|------------------|------------------|--------------|---|--|
| | Landfill | MRS | On/In Land | Transfer | Treatment | Use of Waste | | |
| East Midlands | 34,221 | 7,988 | 0 | 53,485 | 43,925 | 0 | 139,618 | 3.54% |
| East of England | 760 | 6,037 | 0 | 5,048 | 27,060 | 0 | 38,906 | 0.99% |
| London | 6,484 | 9,982 | 0 | 4,328 | 30,893 | 0 | 51,687 | 1.31% |
| North East | 0 | 315 | 0 | 1,269 | 4,671 | 0 | 6,255 | 0.16% |
| North West | 10,842 | 10,528 | 0 | 23,423 | 37,314 | 0 | 82,108 | 2.08% |
| South East | 456 | 16,016 | 0 | 4,523 | 38,705 | 0 | 59,700 | 1.51% |
| South West | 525 | 24,959 | 0 | 22,862 | 29,509 | 0 | 77,855 | 1.98% |
| West Midlands | 605,346 | 920,912 | 16,114 | 971,272 | 823,336 | 0 | 3,336,981 | 84.66% |
| Yorks & Humber | 2,613 | 2,728 | 0 | 27,497 | 16,996 | 0 | 49,834 | 1.26% |
| N Ireland | 0 | 33 | 0 | 25 | 545 | 0 | 603 | 0.02% |
| Scotland | 0 | 216 | 0 | 4,011 | 13,762 | 0 | 17,989 | 0.46% |
| Wales | 10,548 | 13,855 | 0 | 4,633 | 12,356 | 0 | 41,392 | 1.05% |
| Outside UK | 0 | 4,332 | 0 | 3,115 | 1,410 | 0 | 8,856 | 0.22% |
| Origin Not Codeable | 0 | 12,647 | 0 | 1,385 | 15,812 | 0 | 29,844 | 0.76% |
| TOTAL | 671,796 | 1,030,546 | 16,114 | 1,126,876 | 1,096,294 | 0 | 3,941,626 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Table G.5b Origin Region/ Country and Basic Waste Category of Waste Received in the Black Country, 2015 (tonnes)

| Origin Region/ Country | Waste Received by Basic Waste Category (tonnes) | | | Total Waste Received by Origin - Tonnes | Total Waste Received by Origin - % |
|----------------------------|---|------------------|----------------|---|------------------------------------|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| East Midlands | 29,570 | 85,765 | 24,283 | 139,618 | 3.54% |
| East of England | 18,313 | 20,551 | 42 | 38,906 | 0.99% |
| London | 21,701 | 29,942 | 43 | 51,687 | 1.31% |
| North East | 4,442 | 1,813 | 0 | 6,255 | 0.16% |
| North West | 17,564 | 63,643 | 901 | 82,108 | 2.08% |
| South East | 33,591 | 26,022 | 87 | 59,700 | 1.51% |
| South West | 24,349 | 53,389 | 117 | 77,855 | 1.98% |
| West Midlands | 167,464 | 2,337,846 | 831,671 | 3,336,981 | 84.66% |
| Yorks & Humber | 13,822 | 36,006 | 6 | 49,834 | 1.26% |
| N Ireland | 167 | 436 | 0 | 603 | 0.02% |
| Scotland | 5,709 | 12,280 | 0 | 17,989 | 0.46% |
| Wales | 12,194 | 28,917 | 282 | 41,392 | 1.05% |
| Outside UK | 1,522 | 7,334 | 0 | 8,856 | 0.22% |
| Origin Not Codeable | 388 | 29,456 | 0 | 29,844 | 0.76% |
| TOTAL | 350,795 | 2,733,400 | 857,432 | 3,941,627 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Origin WPA of Waste Originating in the West Midlands Received in the Black Country 2015 – 2019

Table G.6 Waste from the West Midlands Received in the Black Country by Origin WPA, 2019 (tonnes)

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|-----------------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 35,280 | 56,161 | 86,926 | 178,367 | 5.69% |
| Coventry | 3,191 | 8,197 | 375 | 11,764 | 0.37% |
| Solihull | 1,034 | 2,397 | 2,884 | 6,315 | 0.20% |
| Dudley | 3,552 | 176,581 | 105,843 | 285,975 | 9.12% |
| Sandwell | 5,080 | 273,368 | 52,532 | 330,980 | 10.55% |
| Walsall | 10,050 | 147,602 | 15,863 | 173,515 | 5.53% |
| Wolverhampton | 13,961 | 133,804 | 37,131 | 184,896 | 5.89% |
| Herefordshire | 1,573 | 1,923 | 1,268 | 4,764 | 0.15% |
| Shropshire | 7,912 | 44,177 | 1,438 | 53,527 | 1.71% |
| Telford & Wrekin | 4,279 | 35,814 | 3,416 | 43,510 | 1.39% |
| Staffordshire | 13,973 | 83,038 | 11,426 | 108,437 | 3.46% |
| Stoke-on-Trent | 5,644 | 3,843 | 83 | 9,570 | 0.31% |
| Warwickshire | 9,258 | 41,694 | 1,640 | 52,592 | 1.68% |
| Worcestershire | 10,882 | 37,602 | 7,166 | 55,650 | 1.77% |

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|--|---|------------------|------------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| <i>West Midlands WPA Not Codeable/ Est'd</i> | 67,467 | 842,617 | 727,241 | 1,637,325 | 52.19% |
| TOTAL | 193,136 | 1,888,818 | 1,055,233 | 3,137,187 | 100.00% |
| <i>WMCA Area</i> | 72,149 | 798,109 | 301,555 | 1,171,812 | 37.35% |
| <i>Black Country</i> | 32,643 | 731,354 | 211,369 | 975,366 | 31.09% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019

Table G.7 Waste from the West Midlands Received in the Black Country by Origin WPA, 2018 (tonnes)

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|----------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 19,950 | 62,718 | 53,954 | 136,622 | 4.45% |
| Coventry | 3,578 | 19,817 | 155 | 23,549 | 0.77% |
| Solihull | 615 | 1,468 | 1,329 | 3,412 | 0.11% |
| Dudley | 3,765 | 101,391 | 51,234 | 156,390 | 5.09% |
| Sandwell | 5,499 | 179,904 | 125,810 | 311,214 | 10.14% |
| Walsall | 24,181 | 140,645 | 14,558 | 179,385 | 5.84% |
| Wolverhampton | 16,325 | 55,201 | 51,735 | 123,261 | 4.02% |
| Herefordshire | 1,074 | 1,576 | 1,384 | 4,035 | 0.13% |

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|--|---|------------------|------------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Shropshire | 12,380 | 24,555 | 3,432 | 40,367 | 1.32% |
| Telford & Wrekin | 4,050 | 26,618 | 3,848 | 34,516 | 1.12% |
| Staffordshire | 8,630 | 112,967 | 40,658 | 162,255 | 5.29% |
| Stoke-on-Trent | 4,081 | 3,104 | 430 | 7,615 | 0.25% |
| Warwickshire | 7,843 | 69,620 | 523 | 77,986 | 2.54% |
| Worcestershire | 24,131 | 51,301 | 9,263 | 84,695 | 2.76% |
| <i>West Midlands WPA Not Codeable/ Est'd</i> | 68,701 | 982,417 | 673,178 | 1,724,296 | 56.17% |
| TOTAL | 204,805 | 1,833,303 | 1,031,490 | 3,069,598 | 100.00% |
| WMCA Area | 73,914 | 561,144 | 298,776 | 933,834 | 30.42% |
| Black Country | 49,770 | 477,141 | 243,338 | 770,250 | 25.09% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018

Table G.8 Waste from the West Midlands Received in the Black Country by Origin WPA, 2017 (tonnes)

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 19,082 | 131,641 | 154,655 | 305,378 | 7.86% |
| Coventry | 4,558 | 28,687 | 2,274 | 35,519 | 0.91% |

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|---------------------------------------|---|------------------|------------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Solihull | 673 | 763 | 2,902 | 4,339 | 0.11% |
| Dudley | 3,319 | 115,645 | 272,650 | 391,613 | 10.08% |
| Sandwell | 4,715 | 185,458 | 87,316 | 277,488 | 7.15% |
| Walsall | 6,147 | 142,788 | 17,338 | 166,273 | 4.28% |
| Wolverhampton | 13,936 | 65,120 | 79,880 | 158,935 | 4.09% |
| Herefordshire | 722 | 3,023 | 62 | 3,807 | 0.10% |
| Shropshire | 8,123 | 17,108 | 15,414 | 40,645 | 1.05% |
| Telford & Wrekin | 3,840 | 20,259 | 20,124 | 44,224 | 1.14% |
| Staffordshire | 10,366 | 105,804 | 13,230 | 129,399 | 3.33% |
| Stoke-on-Trent | 4,488 | 3,870 | 295 | 8,653 | 0.22% |
| Warwickshire | 4,416 | 48,032 | 239 | 52,688 | 1.36% |
| Worcestershire | 6,624 | 51,652 | 17,100 | 75,376 | 1.94% |
| West Midlands WPA Not Codeable/ Est'd | 69,281 | 1,415,569 | 704,375 | 2,189,225 | 56.37% |
| TOTAL | 160,290 | 2,335,418 | 1,387,853 | 3,883,562 | 100.00% |
| WMCA Area | 52,430 | 670,102 | 617,014 | 1,339,546 | 34.49% |
| Black Country | 28,116 | 509,011 | 457,183 | 994,310 | 25.60% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017

Table G.9 Waste from the West Midlands Received in the Black Country by Origin WPA, 2016 (tonnes)

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|--|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 22,844 | 47,580 | 91,772 | 162,195 | 4.82% |
| Coventry | 3,666 | 44,292 | 138 | 48,096 | 1.43% |
| Solihull | 482 | 1,655 | 840 | 2,976 | 0.09% |
| Dudley | 4,828 | 136,994 | 239,353 | 381,175 | 11.34% |
| Sandwell | 4,228 | 178,651 | 61,545 | 244,424 | 7.27% |
| Walsall | 4,784 | 141,203 | 17,909 | 163,896 | 4.88% |
| Wolverhampton | 16,910 | 89,263 | 63,566 | 169,739 | 5.05% |
| Herefordshire | 859 | 4,049 | 45 | 4,953 | 0.15% |
| Shropshire | 7,479 | 14,029 | 4,260 | 25,768 | 0.77% |
| Telford & Wrekin | 5,022 | 16,566 | 4,403 | 25,991 | 0.77% |
| Staffordshire | 10,514 | 127,281 | 17,580 | 155,375 | 4.62% |
| Stoke-on-Trent | 2,872 | 3,583 | 144 | 6,599 | 0.20% |
| Warwickshire | 1,977 | 32,252 | 2,130 | 36,359 | 1.08% |
| Worcestershire | 7,027 | 50,547 | 31,805 | 89,380 | 2.66% |
| West Midlands WPA Not Codeable/ Est'd | 54,382 | 1,336,264 | 454,114 | 1,844,760 | 54.88% |

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|----------------------|---|------------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| TOTAL | 147,873 | 2,224,210 | 989,603 | 3,361,687 | 100.00% |
| WMCA Area | 57,741 | 639,638 | 475,122 | 1,172,501 | 34.88% |
| Black Country | 30,749 | 546,112 | 382,373 | 959,234 | 28.53% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.10 Waste from the West Midlands Received in the Black Country by Origin WPA, 2015 (tonnes)

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|----------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 25,452 | 65,111 | 28,876 | 119,439 | 3.58% |
| Coventry | 4,138 | 36,282 | 30 | 40,451 | 1.21% |
| Solihull | 4,010 | 3,263 | 1,814 | 9,087 | 0.27% |
| Dudley | 6,369 | 111,291 | 251,213 | 368,873 | 11.05% |
| Sandwell | 7,378 | 315,596 | 37,238 | 360,212 | 10.79% |
| Walsall | 6,788 | 81,159 | 16,368 | 104,314 | 3.13% |
| Wolverhampton | 29,181 | 79,269 | 27,860 | 136,310 | 4.08% |
| Herefordshire | 811 | 3,045 | 587 | 4,444 | 0.13% |
| Shropshire | 4,834 | 15,401 | 3,155 | 23,390 | 0.70% |

| Origin WPA | Waste Imported by Basic Waste Category (tonnes) | | | Total Waste Received from West Midlands - Tonnes | Total Waste Received from West Midlands - % |
|--|---|------------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Telford & Wrekin | 4,808 | 12,089 | 368 | 17,265 | 0.52% |
| Staffordshire | 12,883 | 169,056 | 14,854 | 196,793 | 5.90% |
| Stoke-on-Trent | 2,684 | 7,100 | 20 | 9,804 | 0.29% |
| Warwickshire | 3,870 | 18,235 | 1,457 | 23,562 | 0.71% |
| Worcestershire | 11,826 | 39,908 | 3,486 | 55,220 | 1.65% |
| <i>West Midlands WPA Not Codeable/ Est'd</i> | 42,432 | 1,381,041 | 444,344 | 1,867,817 | 55.97% |
| TOTAL | 167,464 | 2,337,846 | 831,671 | 3,336,981 | 100.00% |
| WMCA Area | 83,316 | 691,971 | 363,398 | 1,138,685 | 34.12% |
| <i>Black Country</i> | <i>49,716</i> | <i>587,315</i> | <i>332,678</i> | <i>969,709</i> | <i>29.06%</i> |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Exports

Destination Region / Country and Management of Waste Originating in the Black Country 2015 – 2019

Table G.11 Waste Received at permitted sites in England and Wales in 2019 (tonnes) – origin Black Country by destination region and basic waste category

| Destination Region | Basic Waste Category | | | Origin Black Country - Destination Total | Origin Black Country - Destination % |
|--------------------|----------------------|------------------|----------------|--|--------------------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 11,601 | 72,476 | 3,961 | 88,038 | 4.42% |
| East of England | 768 | 14,962 | 50 | 15,781 | 0.79% |
| London | 13 | 14,656 | 25 | 14,694 | 0.74% |
| North East | 4,105 | 38,857 | - | 42,962 | 2.16% |
| North West | 7,263 | 18,588 | 1,091 | 26,942 | 1.35% |
| South East | 2,575 | 9,883 | 79 | 12,537 | 0.63% |
| South West | 260 | 32,565 | - | 32,825 | 1.65% |
| Wales | 2,086 | 30,963 | 99 | 33,147 | 1.67% |
| West Midlands | 48,252 | 1,088,214 | 521,250 | 1,657,716 | 83.30% |
| Yorks & Humber | 1,404 | 52,794 | 11,129 | 65,327 | 3.28% |
| TOTAL | 78,329 | 1,373,957 | 537,683 | 1,989,969 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019 and Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2019

Table G.12 Waste Received at permitted sites in England and Wales in 2018 (tonnes) – origin Black Country by destination region and basic waste category

| Destination Region | Basic Waste Category | | | Origin Black Country - Destination Total | Origin Black Country - Destination % |
|--------------------|----------------------|------------------|----------------|--|--------------------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 12,081 | 81,312 | 2,822 | 96,215 | 6.01% |
| East of England | 279 | 1,955 | 11 | 2,246 | 0.14% |
| London | 9 | 8,501 | - | 8,510 | 0.53% |
| North East | 4,247 | 48,975 | - | 53,222 | 3.32% |
| North West | 3,904 | 22,845 | 132 | 26,881 | 1.68% |
| South East | 974 | 25,330 | 154 | 26,458 | 1.65% |
| South West | 296 | 41,721 | 781 | 42,797 | 2.67% |
| Wales | 2,879 | 32,395 | 26 | 35,301 | 2.20% |
| West Midlands | 67,645 | 716,789 | 469,052 | 1,253,486 | 78.28% |
| Yorks & Humber | 3,753 | 45,221 | 7,100 | 56,074 | 3.50% |
| TOTAL | 96,067 | 1,025,044 | 480,078 | 1,601,189 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018 and Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2018

Table G.13 Waste Received at permitted sites in England and Wales in 2017 (tonnes) – origin Black Country by destination region and basic waste category

| Destination Region | Basic Waste Category | | | Origin Black Country - Destination Total | Origin Black Country - Destination % |
|--------------------|----------------------|------------------|----------------|--|--------------------------------------|
| | Hazardous | Hhold/Ind/Com | Inert/C+D | | |
| East Midlands | 11,221 | 101,607 | 2,609 | 115,437 | 6.27% |
| East of England | 1,490 | 2,316 | 267 | 4,074 | 0.22% |
| London | 1 | 8,088 | 4 | 8,093 | 0.44% |
| North East | 1,647 | 720 | 9 | 2,376 | 0.13% |
| North West | 3,148 | 13,524 | 418 | 17,089 | 0.93% |
| South East | 1,401 | 11,806 | 692 | 13,900 | 0.75% |
| South West | 487 | 122,866 | 13 | 123,365 | 6.70% |
| Wales | 1,849 | 28,176 | 82 | 30,106 | 1.63% |
| West Midlands | 44,179 | 756,265 | 706,438 | 1,506,881 | 81.82% |
| Yorks & Humber | 2,150 | 7,950 | 10,342 | 20,443 | 1.11% |
| TOTAL | 65,723 | 1,025,143 | 720,793 | 1,841,764 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017 and Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2017

Table G.14a Destination Region/ Country and Waste Management by Site Category of Origin Waste Black Country, 2016 (tonnes)

| Destination Region/ Country | Waste Exported by Destination Site Category (tonnes) | | | | | | Total Codeable Black Country Waste by Destination - Tonnes | Total Codeable Black Country Waste by Destination - % |
|-----------------------------|--|----------------|----------------|----------------|----------------|--------------|--|---|
| | Landfill | MRS | On/In Land | Transfer | Treatment* | Use of Waste | | |
| East Midlands | 16,453 | 1,875 | 0 | 39,540 | 54,187 | 0 | 112,055 | 6.44% |
| East of England | 1,011 | 241 | 0 | 25 | 938 | 0 | 2,216 | 0.13% |
| London | 0 | 6,008 | 0 | 0 | 9,784 | 0 | 15,792 | 0.91% |
| North East | 49 | 158 | 0 | 0 | 1,823 | 0 | 2,031 | 0.12% |
| North West | 19,988 | 1,251 | 0 | 783 | 917 | 0 | 22,939 | 1.32% |
| South East | 173 | 110 | 0 | 10 | 5,793 | 0 | 6,086 | 0.35% |
| South West | 61 | 57,615 | 0 | 47 | 11,014 | 0 | 68,737 | 3.95% |
| West Midlands | 466,324 | 185,353 | 103,173 | 453,752 | 248,380 | 30 | 1,457,012 | 83.70% |
| Yorks & Humber | 310 | 7,668 | 0 | 230 | 8,105 | 0 | 16,314 | 0.94% |
| Wales | 226 | 30,861 | 0 | 481 | 6,097 | 0 | 37,664 | 2.16% |
| TOTAL | 504,595 | 291,141 | 103,173 | 494,869 | 347,038 | 30 | 1,740,846 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016, Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2016

*Includes waste received at 'Reprocessing' and 'Treatment' sites in Wales.

Table G.14b Destination Region/ Country and Waste Management by Basic Waste Category of Origin Waste Black Country, 2016 (tonnes)

| Destination Region/ Country | Waste Exported by Basic Waste Category (tonnes) | | | Total Codeable Black Country Waste by Destination - Tonnes | Total Codeable Black Country Waste by Destination - % |
|--------------------------------|---|------------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| East Midlands | 11,626 | 99,076 | 1,352 | 112,055 | 6.44% |
| East of England | 1,080 | 1,106 | 29 | 2,216 | 0.13% |
| London | 6,006 | 9,786 | 0 | 15,792 | 0.91% |
| North East | 511 | 1,470 | 49 | 2,031 | 0.12% |
| North West | 2,227 | 777 | 19,934 | 22,939 | 1.32% |
| South East | 202 | 4,677 | 1,208 | 6,086 | 0.35% |
| South West | 145 | 68,546 | 46 | 68,737 | 3.95% |
| West Midlands | 41,625 | 805,847 | 609,540 | 1,457,012 | 83.70% |
| Yorks & Humber | 1,373 | 7,704 | 7,237 | 16,314 | 0.94% |
| Wales | 2,496 | 34,403 | 765 | 37,664 | 2.16% |
| TOTAL | 67,291 | 1,033,394 | 640,160 | 1,740,846 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016, Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2016

Table G.15a Destination Region/ Country and Waste Management by Site Category of Origin Waste Black Country, 2015 (tonnes)

| Destination Region/ Country | Waste Exported by Destination Site Category (tonnes) | | | | | | Total Codeable Black Country Waste by Destination – Tonnes | Total Codeable Black Country Waste by Destination - % |
|-----------------------------|--|----------------|----------------|----------------|----------------|--------------|--|---|
| | Landfill | MRS | On/In Land | Transfer | Treatment* | Use of Waste | | |
| East Midlands | 16,069 | 1,897 | 0 | 40,261 | 32,825 | 0 | 91,053 | 4.78% |
| East of England | 188 | 186 | 0 | 59 | 79 | 0 | 512 | 0.03% |
| London | 0 | 5 | 0 | 6 | 7,895 | 0 | 7,906 | 0.41% |
| North East | 135 | 4 | 0 | 2 | 3,159 | 0 | 3,301 | 0.17% |
| North West | 225 | 576 | 0 | 1,542 | 6,535 | 0 | 8,877 | 0.47% |
| South East | 0 | 7 | 0 | 0 | 4,647 | 0 | 4,654 | 0.24% |
| South West | 1 | 86,567 | 0 | 9 | 9,631 | 0 | 96,207 | 5.05% |
| West Midlands | 556,498 | 201,082 | 176,194 | 374,201 | 337,199 | 68 | 1,645,241 | 86.33% |
| Yorks & Humber | 127 | 4,796 | 0 | 3,576 | 9,470 | 0 | 17,968 | 0.94% |
| Wales | 1,652 | 23,946 | 0 | 3 | 4,544 | 0 | 30,145 | 1.58% |
| TOTAL | 574,895 | 319,065 | 176,194 | 419,658 | 415,984 | 68 | 1,905,864 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015, Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2015

*Includes waste received at 'Reprocessing' and 'Treatment' sites in Wales.

Table G.15b Destination Region/ Country and Waste Management by Basic Waste Category of Origin Waste Black Country, 2015 (tonnes)

| Destination Region/ Country | Waste Exported by Basic Waste Category (tonnes) | | | Total Codeable Black Country Waste by Destination - Tonnes | Total Codeable Black Country Waste by Destination - % |
|--------------------------------|---|------------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| East Midlands | 9,877 | 80,929 | 247 | 91,053 | 4.78% |
| East of England | 129 | 383 | 0 | 512 | 0.03% |
| London | 10 | 7,896 | 0 | 7,906 | 0.41% |
| North East | 473 | 2,809 | 19 | 3,301 | 0.17% |
| North West | 2,418 | 6,346 | 112 | 8,877 | 0.47% |
| South East | 16 | 2,731 | 1,907 | 4,654 | 0.24% |
| South West | 79 | 96,128 | 0 | 96,207 | 5.05% |
| West Midlands | 62,407 | 831,713 | 751,122 | 1,645,241 | 86.33% |
| Yorks & Humber | 1,001 | 9,567 | 7,400 | 17,968 | 0.94% |
| Wales | 450 | 25,918 | 3,777 | 30,145 | 1.58% |
| TOTAL | 76,861 | 1,064,421 | 764,583 | 1,905,865 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015, Natural Resources Wales, Welsh Waste Data Interrogator (WWDI) 2015

Notes on tables G11 – G15b

1. There is only information on Black Country waste received at sites in England and Wales because there are no data sets equivalent to the WDI and WWDI for Scotland and Northern Ireland. The Waste Sites and Capacity Tool published by the Scottish Environment Protection Agency (SEPA) gives details of the annual tonnages of waste received at permitted sites but does not identify the origin of wastes. The Department of the Environment (Northern Ireland) (DOENI) does not publish licensing returns for permitted sites. It is therefore unknown how much waste from the Black Country ended up in these countries, but given the distances involved it is unlikely to be a significant amount.

- The WWDI uses the same 'Site Categories' as the WDI except that there is a 'Reprocessing' category which does not occur in the WDI. Waste received at 'Reprocessing' sites in Wales has therefore been added to waste received at 'Treatment' sites to give a combined figure for waste sent for 'Treatment' in Wales.
- The figures in these tables only relate to waste whose Origin WPA is Dudley, Sandwell, Walsall and Wolverhampton. A significant tonnage of waste in both WDI and WWDI is 'West Midlands WPA Not Codeable' or 'West Midlands Estimated,' some of which is likely to have originated in the Black Country.

Destination WPA of Waste Originating in the Black Country Exported within the West Midlands 2015 – 2019

Table G.16 Waste Originating in the Black Country Exported to the West Midlands by Destination WPA, 2019 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 508 | 46,015 | 5,719 | 52,242 | 3.15% |
| Coventry | 7 | 2,435 | 450 | 2,892 | 0.17% |
| Solihull | - | 19,631 | 2,191 | 21,822 | 1.32% |
| Dudley | 2,617 | 162,610 | 119,628 | 284,855 | 17.18% |
| Sandwell | 8,189 | 318,126 | 68,834 | 395,149 | 23.84% |
| Walsall | 19,326 | 131,368 | 18,121 | 168,816 | 10.18% |
| Wolverhampton | 2,511 | 119,250 | 4,786 | 126,547 | 7.63% |
| Herefordshire | 26 | 690 | 47 | 763 | 0.05% |
| Shropshire | 62 | 5,447 | - | 5,510 | 0.33% |
| Telford & Wrekin | 2,168 | 15,452 | 1,482 | 19,102 | 1.15% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|----------------------|---|------------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Staffordshire | 953 | 196,943 | 273,422 | 471,319 | 28.43% |
| Stoke-on-Trent | 453 | 557 | - | 1,010 | 0.06% |
| Warwickshire | 9,999 | 46,443 | 19,174 | 75,616 | 4.56% |
| Worcestershire | 1,432 | 23,247 | 7,396 | 32,075 | 1.93% |
| TOTAL | 48,252 | 1,088,214 | 521,250 | 1,657,716 | 100.00% |
| WMCA Area | 33,158 | 799,434 | 219,729 | 1,052,322 | 63.48% |
| Black Country | 32,643 | 731,354 | 211,369 | 975,366 | 58.84% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019

Table G.17 Waste Originating in the Black Country Exported to the West Midlands by Destination WPA, 2018 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 353 | 17,593 | 4,990 | 22,936 | 1.86% |
| Coventry | - | 6,690 | 26 | 6,716 | 0.55% |
| Solihull | - | 20,689 | 275 | 20,964 | 1.70% |
| Dudley | 2,646 | 90,137 | 95,832 | 188,615 | 15.33% |
| Sandwell | 8,151 | 215,508 | 122,493 | 346,152 | 28.14% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|----------------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Walsall | 32,241 | 131,258 | 20,211 | 183,710 | 14.93% |
| Wolverhampton | 6,732 | 40,239 | 4,801 | 51,771 | 4.21% |
| Herefordshire | - | - | - | - | 0.00% |
| Shropshire | 200 | 985 | - | 1,185 | 0.10% |
| Telford & Wrekin | - | - | - | - | 0.00% |
| Staffordshire | 1,680 | 88,182 | 202,044 | 291,906 | 23.73% |
| Stoke-on-Trent | - | - | - | - | 0.00% |
| Warwickshire | 13,345 | 48,044 | 11,137 | 72,525 | 5.90% |
| Worcestershire | 1,296 | 37,391 | 4,920 | 43,607 | 3.55% |
| TOTAL | 66,645 | 696,715 | 466,729 | 1,230,089 | 100.00% |
| WMCA Area | 50,124 | 522,113 | 248,629 | 820,866 | 66.73% |
| Black Country | 49,770 | 477,141 | 243,338 | 770,250 | 62.62% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018

Table G.18 Waste Originating in the Black Country Exported to the West Midlands by Destination WPA, 2017 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 817 | 24,590 | 2,624 | 28,031 | 1.86% |
| Coventry | 0 | 7 | 128 | 135 | 0.01% |
| Solihull | 0 | 16,145 | 91 | 16,236 | 1.08% |
| Dudley | 2,697 | 110,344 | 254,749 | 367,790 | 24.41% |
| Sandwell | 10,831 | 229,776 | 129,288 | 369,895 | 24.55% |
| Walsall | 12,756 | 127,477 | 24,531 | 164,764 | 10.93% |
| Wolverhampton | 1,832 | 41,413 | 48,615 | 91,861 | 6.10% |
| Herefordshire | 0 | 0 | 0 | 0 | 0.00% |
| Shropshire | 11 | 5,380 | 0 | 5,391 | 0.36% |
| Telford & Wrekin | 206 | 23,701 | 9,612 | 33,519 | 2.22% |
| Staffordshire | 374 | 102,752 | 212,182 | 315,307 | 20.92% |
| Stoke-on-Trent | 411 | 187 | 0 | 599 | 0.04% |
| Warwickshire | 13,741 | 40,906 | 13,221 | 67,867 | 4.50% |
| Worcestershire | 502 | 33,586 | 11,397 | 45,485 | 3.02% |
| TOTAL | 44,179 | 756,265 | 706,438 | 1,506,881 | 100.00% |
| WMCA Area | 28,933 | 549,753 | 460,027 | 1,038,712 | 68.93% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|----------------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Black Country | 28,116 | 509,011 | 457,183 | 994,310 | 65.98% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017

Table G.19 Waste Originating in the Black Country Exported to the West Midlands by Destination WPA, 2016 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 421 | 28,584 | 874 | 29,879 | 2.05% |
| Coventry | 0 | 8 | 0 | 8 | 0.00% |
| Solihull | 0 | 15,417 | 261 | 15,678 | 1.08% |
| Dudley | 2,317 | 142,444 | 248,969 | 393,731 | 27.02% |
| Sandwell | 13,729 | 229,824 | 101,601 | 345,155 | 23.69% |
| Walsall | 12,889 | 122,435 | 23,227 | 158,552 | 10.88% |
| Wolverhampton | 1,814 | 51,408 | 8,574 | 61,796 | 4.24% |
| Herefordshire | 8 | 0 | 0 | 8 | 0.00% |
| Shropshire | 20 | 6,803 | 0 | 6,823 | 0.47% |
| Telford & Wrekin | 2 | 24,998 | 2,015 | 27,015 | 1.85% |
| Staffordshire | 2,462 | 95,589 | 215,024 | 313,074 | 21.49% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|----------------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Stoke-on-Trent | 659 | 761 | 2 | 1,421 | 0.10% |
| Warwickshire | 6,501 | 41,871 | 4,462 | 52,833 | 3.63% |
| Worcestershire | 803 | 45,705 | 4,531 | 51,039 | 3.50% |
| TOTAL | 41,625 | 805,847 | 609,540 | 1,457,012 | 100.00% |
| WMCA Area | 31,170 | 590,121 | 383,507 | 1,004,799 | 68.96% |
| Black Country | 30,749 | 546,112 | 382,373 | 959,234 | 65.84% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.20 Waste Originating in the Black Country Exported to the West Midlands by Destination WPA, 2015 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Birmingham | 383 | 24,644 | 670 | 25,697 | 1.56% |
| Coventry | 2 | 8 | 0 | 10 | 0.00% |
| Solihull | 0 | 13,810 | 357 | 14,167 | 0.86% |
| Dudley | 2,524 | 230,900 | 259,808 | 493,232 | 29.98% |
| Sandwell | 14,087 | 245,313 | 39,348 | 298,748 | 18.16% |
| Walsall | 31,944 | 54,306 | 23,195 | 109,445 | 6.65% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in West Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in West Midlands Origin Codeable Black Country - % |
|-----------------------------|---|-----------------|----------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Wolverhampton | 1,161 | 56,796 | 10,326 | 68,283 | 4.15% |
| Herefordshire | 20 | 0 | 0 | 20 | 0.00% |
| Shropshire | 14 | 9,944 | 2 | 9,960 | 0.61% |
| Telford & Wrekin | 5 | 37,864 | 10,732 | 48,601 | 2.95% |
| Staffordshire | 1,547 | 85,429 | 401,466 | 488,442 | 29.69% |
| Stoke-on-Trent | 901 | 887 | 6 | 1,795 | 0.11% |
| Warwickshire | 9,790 | 28,261 | 1,961 | 40,012 | 2.43% |
| Worcestershire | 29 | 43,552 | 3,250 | 46,830 | 2.85% |
| TOTAL | 62,407 | 831,713 | 751,122 | 1,645,241 | 100.00% |
| WMCA Area | 50,101 | 625,777 | 333,705 | 1,009,582 | 61.36% |
| Black Country | 49,716 | 587,315 | 332,678 | 969,709 | 58.94% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Notes on tables G16-20:

- The figures in these tables relate to waste coded as Origin Dudley, Sandwell, Walsall and Wolverhampton only. However, the origin of waste is not always specified in the returns to the Environment Agency and this is not a requirement for waste permits. Consequently, over 5.5 million tonnes of the waste received at permitted sites in England in 2018 and 2019 and nearly 6 million tonnes of the waste received in 2017 was recorded in the WDI as 'West Midlands WPA Not Codeable' or 'West Midlands Estimated.' Some of this will have almost certainly have arisen in the Black Country but we have no way of knowing how much or how and where it was managed.
- The West Midlands sites outside the Black Country that received the largest tonnages of Black Country waste during 2015 - 2019 were:
 - Staffordshire Energy Recovery Facility received more than 100,000 tonnes of Hhold/Ind/Com waste from Sandwell and Dudley in 2019.
 - 9 Longport Enterprise centre in Staffordshire received nearly 190,000 tonnes of clinical waste from Wolverhampton in 2018.
 - Alma Crescent in Birmingham received more than 300,000 tonnes of hazardous waste originating from the Black Country in 2018.

- Dunton Recycling in Warwickshire received nearly 16,000 tonnes of Hhold/Ind/Com waste from the Black Country in 2018 and almost 33,000 tonnes in 2019.
- Lodgewood Farm in Shropshire treated nearly 16,000 tonnes of Hhold/Ind/Com and Inert from the Black Country in 2018 and nearly 16,000 tonnes in 2019
- Meriden Quarry in Solihull received in 2019 nearly 21,000 tonnes of Hhold/Ind/Com and Inert from the Black Country.
- Oak Farm Quarry in Staffordshire received nearly 90,000 tonnes of Hhold/Ind/Com and Inert from the Black Country in 2018 and nearly 60,000 tonnes from Wolverhampton and Dudley in 2019.
- Seisdon Landfill Site in Staffordshire received 65,000 tonnes in inert/C&D waste from Wolverhampton in 2018.
- Saredon Hill Quarry (NRS Aggregates) in Staffordshire, which received nearly 100,000 tonnes of Inert/ C&D waste from Walsall and Wolverhampton in 2016, nearly 130,000 tonnes in 2017, nearly 50,000 tonnes in 2018 and over 110,000 tonnes in 2019.
- Hollybush Farm (Jack Moody) in Staffordshire, which received around 30,000 tonnes of Hhold/ Ind/ Com and Inert/ C&D waste mainly from Walsall and Wolverhampton in 2016, more than 60,000 tonnes in 2017, just under 25,000 tonnes in 2018 and 14,000 tonnes in 2019.
- Long Marston MRS (Sims) in Worcestershire, which received nearly 45,000 tonnes of Hhold/ Ind/ Com waste mainly from Sandwell in 2016 and around 33,000 tonnes in 2017
- Acton Composting and Coven Composting (Veolia) in Staffordshire, which together received more than 30,000 tonnes of Hhold/ Ind/ Com waste from Dudley and Wolverhampton in 2016 and more than 25,000 tonnes in 2017. The sites received around 30,000 tonnes in 2018 and 2019.
- Brookfields AD Plant (Lower Reule Farm) in Staffordshire, which received nearly 37,000 tonnes of Hhold/ Ind/ Com waste from Wolverhampton in 2015, nearly 39,000 tonnes in 2016, more than 23,000 tonnes in 2017 and more than 25,000 tonnes in 2018
- Ettingdon MRF (Pure Recycling) in Warwickshire, which received around 25,000 tonnes of Hhold/ Ind/ Com waste from Sandwell in 2016, more than 23,000 tonnes in 2017, more than 24,000 tonnes in 2018
- Ling Hall Landfill (Veolia) in Warwickshire, which received more than 6,000 tonnes of mostly Hazardous waste from Dudley, Walsall and Wolverhampton, more than 13,000 tonnes in 2017 and nearly 16,000 tonnes in 2018

Destination WPA of Waste Originating in the Black Country Exported to the East Midlands 2015 – 2019

Table G.21 Waste Originating in the Black Country Exported to the East Midlands by Destination WPA, 2019 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------|---|-----------------|--------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Derby | 9 | 599 | 7 | 616 | 0.70% |
| Derbyshire | 2,542 | 31,968 | 3,275 | 37,785 | 42.92% |
| Leicester | - | 23,521 | - | 23,521 | 26.72% |
| Leicestershire | 360 | 2,377 | 282 | 3,019 | 3.43% |
| Lincolnshire | 22 | 3,692 | 369 | 4,083 | 4.64% |
| Northamptonshire | 8,004 | 964 | 28 | 8,995 | 10.22% |
| Nottingham | 215 | 146 | - | 361 | 0.41% |
| Nottinghamshire | 450 | 9,209 | 1 | 9,660 | 10.97% |
| Rutland | - | - | - | - | 0.00% |
| TOTAL | 11,601 | 72,476 | 3,961 | 88,038 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019

Table G.22 Waste Originating in the Black Country Exported to the East Midlands by Destination WPA, 2018 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|-------------------------|---|-----------------|--------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Derby | - | - | - | - | 0.00% |
| Derbyshire | 3,794 | 35,043 | 2,748 | 41,586 | 63.98% |
| Leicester | - | - | - | - | 0.00% |
| Leicestershire | 47 | 7,628 | 36 | 7,711 | 11.86% |
| Lincolnshire | 31 | 5,327 | 33 | 5,391 | 8.29% |
| Northamptonshire | 7,682 | 2,144 | - | 9,825 | 15.12% |
| Nottingham | - | - | - | - | 0.00% |
| Nottinghamshire | 446 | 33 | 5 | 484 | 0.74% |
| Rutland | - | - | - | - | 0.00% |
| TOTAL | 12,001 | 50,174 | 2,822 | 64,997 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018

Table G.23 Waste Originating in the Black Country Exported to the East Midlands by Destination WPA, 2017 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|-------------------------|---|-----------------|--------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Derby | 12 | 1,841 | 18 | 1,871 | 1.62% |
| Derbyshire | 3,331 | 15,939 | 2,214 | 21,484 | 18.61% |
| Leicester | 4 | 40,343 | 1 | 40,349 | 34.95% |
| Leicestershire | 264 | 15,890 | 0 | 16,154 | 13.99% |
| Lincolnshire | 12 | 4,446 | 35 | 4,492 | 3.89% |
| Northamptonshire | 7,108 | 492 | 340 | 7,939 | 6.88% |
| Nottingham | 95 | 81 | 1 | 177 | 0.15% |
| Nottinghamshire | 395 | 22,575 | 0 | 22,969 | 19.90% |
| Rutland | 0 | 0 | 0 | 0 | 0.00% |
| TOTAL | 11,221 | 101,607 | 2,609 | 115,437 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017

Table G.24 Waste Originating in the Black Country Exported to the East Midlands by Destination WPA, 2016 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------|---|-----------------|--------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Derby | 10 | 1,383 | 20 | 1,412 | 1.26% |
| Derbyshire | 3,759 | 3,534 | 1,171 | 8,464 | 7.55% |
| Leicester | 0 | 36,334 | 0 | 36,334 | 32.42% |
| Leicestershire | 322 | 16,827 | 14 | 17,163 | 15.32% |
| Lincolnshire | 30 | 4,079 | 25 | 4,134 | 3.69% |
| Northamptonshire | 7,039 | 893 | 0 | 7,932 | 7.08% |
| Nottingham | 150 | 657 | 0 | 807 | 0.72% |
| Nottinghamshire | 316 | 35,370 | 123 | 35,808 | 31.96% |
| Rutland | 0 | 0 | 0 | 0 | 0.00% |
| TOTAL | 11,626 | 99,076 | 1,352 | 112,055 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.25 Waste Originating in the Black Country Exported to the East Midlands by Destination WPA, 2015 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received in East Midlands Origin Codeable Black Country - Tonnes | Total Waste Received in East Midlands Origin Codeable Black Country - % |
|------------------|---|-----------------|------------|--|---|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Derby | 12 | 882 | 0 | 893 | 0.98% |
| Derbyshire | 2,483 | 4,903 | 247 | 7,633 | 8.38% |
| Leicester | 58 | 11,259 | 0 | 11,317 | 12.43% |
| Leicestershire | 182 | 23,377 | 0 | 23,559 | 25.87% |
| Lincolnshire | 21 | 4,473 | 0 | 4,494 | 4.94% |
| Northamptonshire | 6,944 | 209 | 0 | 7,153 | 7.86% |
| Nottingham | 15 | 65 | 0 | 80 | 0.09% |
| Nottinghamshire | 162 | 35,761 | 0 | 35,923 | 39.45% |
| Rutland | 0 | 0 | 0 | 0 | 0.00% |
| TOTAL | 9,877 | 80,929 | 247 | 91,053 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Notes on Tables G21 – G25:

- Waste exported from the Black Country to the East Midlands has varied between 2015 and 2019, with tonnages being lower in 2018 and 2020 than previous years. The East Midlands sites that received the largest tonnages of waste from the Black Country during 2015 – 2019 were:
 - The Midlands Urban Mine in Derbyshire received more than 32,000 tonnes of Hhold/Ind/Com waste from Dudley and Wolverhampton in 2018 and more than 25,000 tonnes in 2019.
 - Casepak MRF in Leicester, which received around 35,000 tonnes of Hhold/ Ind Com waste (EWC 20: Municipal Waste) from Walsall and Wolverhampton, around 40,000 tonnes in 2017, more than 28,000 tonnes in 2018 and around 22,000 tonnes in 2019.
 - Johnsons Aggregates WTS (Bunny Hill) in Nottinghamshire, which received around 35,000 tonnes of Hhold/ Ind/ Com (EWC 19: Waste and Water Treatment Wastes) from Dudley and Wolverhampton and more than 20,000 tonnes in 2017

- New Albion Landfill (Veolia) in Leicestershire, which received more than 16,000 tonnes of Hhold/ Ind/ Com (EWC 19: Waste and Water Treatment Wastes) from Walsall in 2016 and more than 15,000 tonnes in 2017.
 - East Northants Resource Management Facility (RMF) (Augean South) in Northamptonshire, which received more than 7,000 tonnes of Hazardous and Hhold/ Ind/ Com Waste (mainly EWC 19: Waste and Water Treatment Wastes) from Dudley and Wolverhampton in 2017.
2. Analysis of the exported waste by EWC Sub Chapter shows that the waste exported to Casepak from Walsall and Wolverhampton was 'other municipal waste', which is not surprising given that both authorities had short-term waste contracts to manage dry recyclable waste at this facility. The waste from Dudley and Wolverhampton exported to the Bunny Hill site, and most of the waste exported to the East Northants RMF, was from 'incineration or pyrolysis of waste' suggesting that both authorities had short-term contracts with these sites for recovery of IBA (incinerator bottom ash). The waste exported from Walsall to the New Albion Landfill was from 'physico/chemical treatments of waste (including dechromatation - decyanidation - neutralisation)' suggesting this was residues from one of Walsall's hazardous and non-hazardous waste treatment facilities.

Destination WPA of Waste Originating in the Black Country Exported to the South West 2015 – 2019

Table G.26 Waste Originating in the Black Country Exported to the South West by Destination WPA, 2019 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Bristol | 213 | 27,629 | - | 27,842 | 84.87% |
| Cornwall | - | - | - | - | 0.00% |
| Devon | - | 164 | - | 164 | 0.50% |
| Dorset | - | 6 | - | 6 | 0.02% |
| Gloucestershire | 6 | 4,311 | - | 4,317 | 13.16% |
| Somerset | 18 | 5 | - | 23 | 0.07% |
| South Gloucestershire | 23 | - | - | 23 | 0.07% |
| Swindon | - | 430 | - | 430 | 1.31% |

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|-----------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| TOTAL | 260 | 32,544 | - | 32,804 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2019

Table G.27 Waste Originating in the Black Country Exported to the South West by Destination WPA, 2018 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Bristol | 201 | 36,916 | - | 37,117 | 86.73% |
| Cornwall | - | - | - | - | 0.00% |
| Devon | 8 | 166 | - | 174 | 0.41% |
| Dorset | 14 | 51 | - | 65 | 0.15% |
| Gloucestershire | 11 | 4,551 | 781 | 5,342 | 12.48% |
| Somerset | - | - | - | - | 0.00% |
| South Gloucestershire | 63 | - | - | 63 | 0.15% |
| Swindon | - | 37 | - | 37 | 0.09% |
| TOTAL | 296 | 41,721 | 781 | 42,797 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2018

Table G.28 Waste Originating in the Black Country Exported to the South West by Destination WPA, 2017 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Bristol | 102 | 119,474 | 0 | 119,575 | 96.93% |
| Cornwall | 0 | 0 | 0 | 0 | 0.00% |
| Devon | 2 | 26 | 0 | 28 | 0.02% |
| Dorset | 31 | 11 | 0 | 41 | 0.03% |
| Gloucestershire | 318 | 3,305 | 13 | 3,635 | 2.95% |
| Somerset | 0 | 0 | 0 | 0 | 0.00% |
| South Gloucestershire | 35 | 0 | 0 | 35 | 0.03% |
| Swindon | 0 | 51 | 0 | 51 | 0.04% |
| TOTAL | 487 | 122,815 | 13 | 123,365 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2017

Table G.29 Waste Originating in the Black Country Exported to the South West by Destination WPA, 2016 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Bristol | 29 | 65,069 | 40 | 65,139 | 94.77% |
| Cornwall | 0 | 0 | 0 | 0 | 0.00% |
| Devon | 0 | 139 | 0 | 139 | 0.20% |
| Dorset | 0 | 0 | 0 | 0 | 0.00% |
| Gloucestershire | 108 | 3,242 | 6 | 3,356 | 4.88% |
| Somerset | 0 | 48 | 0 | 48 | 0.07% |
| South Gloucestershire | 7 | 1 | 0 | 8 | 0.01% |
| Swindon | 0 | 47 | 0 | 47 | 0.07% |
| TOTAL | 144 | 68,546 | 46 | 68,736 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2016

Table G.30 Waste Originating in the Black Country Exported to the South West by Destination WPA, 2015 (tonnes)

| Destination WPA | Waste Exported by Basic Waste Category (tonnes) | | | Total Waste Received Origin Codeable Black Country - Tonnes | Total Waste Received Origin Codeable Black Country - % |
|------------------------------|---|-----------------|------------|---|--|
| | Hazardous | Hhold/ Ind/ Com | Inert/ C&D | | |
| Bristol | 39 | 93,346 | 0 | 93,385 | 97.07% |
| Cornwall | 1 | 364 | 0 | 365 | 0.38% |
| Devon | 0 | 1,138 | 0 | 1,138 | 1.18% |
| Dorset | 6 | 0 | 0 | 6 | 0.01% |
| Gloucestershire | 25 | 1,269 | 0 | 1,295 | 1.35% |
| Somerset | 0 | 0 | 0 | 0 | 0.00% |
| South Gloucestershire | 6 | 1 | 0 | 7 | 0.01% |
| Swindon | 0 | 10 | 0 | 10 | 0.01% |
| TOTAL | 78 | 96,118 | 0 | 96,206 | 100.00% |

Source: Environment Agency Waste Data Interrogator (WDI) 2015

Notes on Tables G26 – G30:

- There was an overall increase in waste exported from the Black Country to the South West between 2016 and 2017, but since then tonnages have decreased by more than half. Nearly all of the waste exported to the South West 2015 – 2017 was received at just three sites:
 - Royal Edward Dock MRS (Sims) in Bristol received by far the most waste from the Black Country, more than 116,000 tonnes of Hhold/ Ind/ Com (EWC 20: Municipal Wastes) in 2017, around 57,000 tonnes in 2016 and nearly 100,000 tonnes in 2015, mainly from Sandwell
 - Toddington Treatment Centre (William Gilder) in Gloucestershire received more than 2,300 tonnes of Hhold/ Ind/ Com waste (EWC 20: Municipal Wastes) and Inert/ C&D waste (EWC 17: Construction & Demolition Wastes) in 2016 and 2017, mainly from Walsall
 - Sims MRS in Exeter (Devon), received more than 1,000 tonnes of Hhold/ Ind/ Com Waste (EWC 16: Wastes Not Otherwise Specified in the List) in 2015, mostly from Wolverhampton.

2. Analysis of the WDI data by EWC Sub Chapter indicates that most of the waste received at the Royal Edward Dock MRS was metal shredding wastes. The waste sent to the Toddington facility from Walsall is known to be street sweeping/ gully waste, because Walsall Council has a short-term contract to manage these wastes at this facility.