



Minerals Need Assessment 2021

Annex



Herefordshire Minerals and Waste Local Plan

Annex

Annex A Figure 2.1 Identified Mineral Sites, Herefordshire, 2021

Annex B Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019

Annex C Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019

The contents of this document are all designed to be printed at A3.



Annex A

Figure 2.1 Identified Mineral Sites, Herefordshire, 2021



Herefordshire Minerals and Waste Local Plan

Herefordshire Minerals and Waste Local Plan

Figure 2.1
Identified mineral sites
Herefordshire, 2021

ID	Name	Mineral	Status	Postcode
1	Stretton Sugwas Quarry (Hereford Quarry)	Sand and gravel	Closed	HR4 7QD
2	Lugg Bridge Quarry	Sand and gravel	Closed	HR1 3LZ
3	Upper Lyde Quarry	Sand and gravel	Active	HR4 8AF
4	Shobdon Quarry	Sand and gravel	Inactive	HR6 9LA
5	Wellington Quarry	Sand and gravel	Active	HR4 8BY
6	St Donat's Quarry	Sand and gravel	Restored	HR4 8NQ
7	Leinthall Quarry	Limestone	Active	HR6 9TR
8	Loxter Ashbed Quarry	Limestone	Restored	HR8 1NU
9	Nash Scar Quarry	Limestone	Mothballed	LD8 2LE
10	Perton Quarry	Limestone	Active	HR1 4ED
11	Brakes Farm Delve	Sandstone	Abandoned	SY8 2LF
12	Callow Delve	Sandstone	Active	NP25 5RL
13	Black Hill Delve (formerly Coed Major Delve)	Sandstone	Active	HR2 0PX
14	High House Delve	Sandstone	Closed	HR2 0ND
15	Hunters Post Delve	Sandstone	Closed	NP25 5RW
16	Llandraw Delve	Sandstone	Active	HR2 0PW
17	Pennsylvania Delves	Sandstone	Active	HR2 0PU
18	Sunnybank Delve	Sandstone	Active	HR2 0LA
19	Tybubach Delve	Sandstone	Closed	HR2 0PJ
20	Westonhill Wood Delves	Sandstone	Active	HR3 6DE
21	Howle Hill Quarry	Coal	Restored	HR9 5SH

Legend

Minerals Facilities

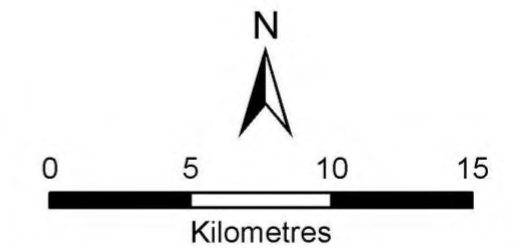
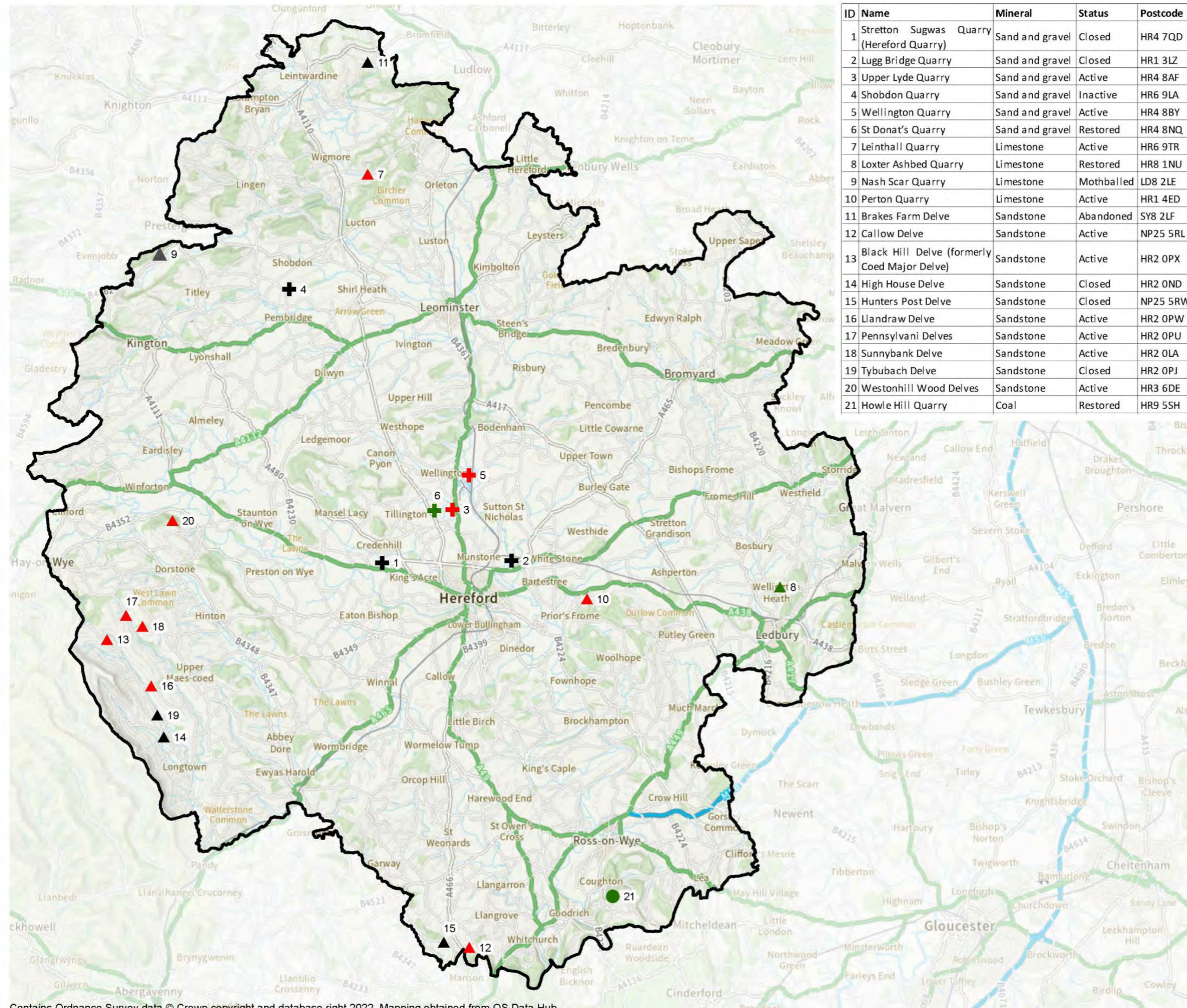
Type

- Coal
- ▲ Limestone
- + Sand and gravel
- ▲ Sandstone

Status

- Active
- Restored
- Uncertain
- Inactive/Closed

Herefordshire County Boundary



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DATE: 16/05/2022

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Annex B

Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019
identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019
<https://www.gov.uk/government/publications/aggregate-minerals-survey-for-england-and-wales-2019>



Herefordshire Minerals and Waste Local Plan

Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

Source AWP	Source MPA	Destination sub-region				
		YHU1	YHU2	YHU3	YHU4	YHU5
South West	Bournemouth, Christchurch and Poole					
	Bristol City Council					
	Devon County Council					
	Dorset Council			<1%		
	Gloucestershire County Council					
	Somerset County Council					
South East	Wiltshire Council					
	Brighton and Hove					
	Buckinghamshire County Council					
	East Sussex County Council					
	Hampshire County Council					
	Isle of Wight Council					
	Kent County Council					
	Medway Council					
	Milton Keynes Council					
	New Forest National Park					
	Oxfordshire County Council					
	Portsmouth City Council					
	South Downs National Park					
	Southampton City Council					
	Surrey County Council					
Greater London	West Berkshire Council					
	West Sussex County Council					
	Windsor & Maidenhead					
	London Borough of Barking & Dagenham					
	London Borough of Bexley					
	London Borough of Greenwich					
	London Borough of Havering					
East of England	London Borough of Hillingdon					
	London Borough of Redbridge					
	Bedford Borough Council					
	Cambridgeshire County Council	<1%	<1%	<1%		
	Central Bedfordshire Council					
	Essex County Council					
	Hertfordshire County Council			<1%		
	Norfolk County Council					
East Midlands	Peterborough					
	Suffolk County Council					
	Thurrock Council					
	Derbyshire County Council					
	Leicestershire County Council					
	Lincolnshire County Council	1-10%	<1%	10-20%	1-10%	
West Midlands	Northamptonshire County Council			<1%		
	Nottinghamshire County Council	1-10%	1-10%	50-60%	1-10%	20-30%
	Herefordshire Council					
	Shropshire Council					
North West	Solihull Metropolitan Borough Council					
	Staffordshire County Council			<1%		
	Worcestershire County Council					
	Cheshire East Council				<1%	
	Cheshire West & Chester Council				1-10%	
Yorkshire and the Humber	Cumbria County Council					
	Lancashire County Council					
	Liverpool City Council					
	Salford City Council					
	Doncaster Metropolitan Borough Council	<1%	<1%	1-10%	1-10%	60-70%
North East	East Riding of Yorkshire Council	80-90%	1-10%	10-20%	10-20%	
	Kirklees Council				<1%	
	North Lincolnshire Council					
	North Yorkshire County Council	1-10%	70-80%	1-10%	20-30%	10-20%
South Wales	City of Sunderland Council		<1%	1-10%	1-10%	
	Durham County Council		<1%	1-10%	<1%	30-40%
	Middlesbrough Borough Council			1-10%		
	Northumberland County Council					
North Wales	South Tyneside Council			<1%	<1%	
	Cardiff County Council					
	Carmarthenshire					
	Ceredigion					
	Newport					
North Wales	Pembrokeshire					
	Pembrokeshire Coast National Park					
	Swansea (City of)					
North Wales	Flietsshire					
	Gwynedd					
	Wrexham					
Total consumption (thousand tonnes)		408	1 253	454	465	311

Annex C

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019

<https://www.gov.uk/government/publications/aggregate-minerals-survey-for-england-and-wales-2019>

Herefordshire Minerals and Waste Local Plan

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

Source AWP	Source MPA	Destination sub-region																												
		EEN1	EEN2	EEN3	EEN4	EEN5	EEN6	EEN7	EMO1	EMO2	EMO3	EMO4	EMO5	EMO6	EUR1	LON1	LON2	LON3	NEA1	NEA2	NEA3	NEA4	NEA5	NWE1	NWE2	NWE3	NWE4	NWE5	SCT1	
	Outside England and Wales			49-50%	<1%	50-60%	30-40%		<1%																					
South West	Devon County Council																													
	Dorset Council																													
	Gloucestershire County Council																													
	North Somerset Council																													
	Plymouth City Council																													
	Somerset County Council																													
	South Gloucestershire Council																													
South East	Isle of Wight Council																													
	Went County Council																													
East of England	Derfordshire County Council																													
	Surrey County Council																													
	Cambridgeshire County Council																													
East Midlands	Nottingham City Council																													
	Derbyshire County Council																													
	Leicestershire County Council																													
	Lincolnshire County Council																													
	Northamptonshire County Council																													
	Peak District National Park																													
	Rutland County Council																													
West Midlands	Herefordshire Council																													
	Shropshire Council																													
	Staffordshire County Council																													
	Telford and Wrekin Council																													
	Warwickshire County Council																													
North West	Bolton Metropolitan Borough Council																													
	Cumbria County Council																													
	Lain District National Park																													
	Lancashire County Council																													
	Tameside Metropolitan Borough Council																													
	Warrington Borough Council																													
	Calderdale Metropolitan Borough Council																													
Yorkshire & the Humber	Doncaster Metropolitan Borough Council																													
	East Riding of Yorkshire Council																													
	Yorkshire Council																													
	Leeds City Council																													
	North Lincolnshire Council																													
	North Yorkshire County Council																													
	Wakefield Metropolitan Borough Council																													
North East	Yorkshire Dales National Park																													
	City of Sunderland Council																													
	Durham County Council																													
	Hartlepool Borough Council																													
	Northumberland County Council																													
	Northumberland National Park																													
	South Tyneside Council																													
South Wales	Blanaau Ceredigion																													
	Brecon Beacons National Park																													
	Brigand																													
	Caerphilly																													
	Cardiff County Council																													
	Cardiffshire																													
	Ceredigion																													
North Wales	Merthyr Tydfil																													
	North Wales National Park																													
	North Wales National Park																													
	North Wales National Park																													
	North Wales National Park																													
	North Wales National Park																													
	North Wales National Park																													
Total consumption (thousand tonnes)																														

This table categorises for each destination sub-region the percentage of its total consumption received from source MPAs. It is designed to be read down each column (e.g. between 70-80% of all of the crushed rock consumed in the EEN1 sub-region was supplied from Leicestershire). The table is formatted to print at a page size of A3.

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

Source AWP	Source MPA	Destination sub-region																									
		SEA1	SEA2	SEA3	SEA4	SEA5	SEA6	SEA7	SEA8	SEA9	SWE1	SWE2	SWE3	SWE4	SWE5	SWE6	SWE7	SWE8	LN1	WLS1	WLS2	WLS3	WLS4	WLS5	WLS6		
South West	Outside England and Wales	1-10%		70-70%	1-10%	50-60%		<1%	1-10%	1-10%																	
	Cornwall Council			<1%	1-10%						<1%	90-100%	1-10%			<1%		<1%	20-30%		<1%						
	Dartmoor National Park											10-20%															
	Devon County Council				<1%			<1%			<1%	<1%	50-60%	1-10%	<1%	1-10%	<1%	<1%							<1%		
	Dorset Council				<1%	<1%							40-50%						1-10%								
	Gloucestershire County Council	<1%			<1%	<1%	10-20%		<1%			1-10%	<1%	<1%	50-60%	<1%	<1%	<1%	<1%	<1%					1-10%	<1%	
	North Somerset Council	1-10%	<1%	<1%	1-10%		1-10%		<1%			80-90%	<1%	1-10%	<1%	1-10%	1-10%	1-10%								<1%	<1%
	Plymouth City Council				1-10%							1-10%	10-20%														<1%
	Somerset County Council	60-70%		50-60%	70-80%	<1%	10-20%	70-80%	70-80%	30-40%	10-20%		<1%	40-50%	1-10%	80-90%	70-80%	20-30%									<1%
	South Gloucestershire Council												1-10%			30-40%	<1%	1-10%	60-70%								<1%
South East	Isle of Wight Council				1-10%																						
	Kent County Council					40-50%																					
	Defordshire County Council	1-10%	10-20%		<1%	40-50%																					
East of England	Surrey County Council																										
	Cambridgeshire County Council	<1%	<1%	<1%		<1%	<1%																				
	Norfolk County Council																										
East Midlands	Peterborough																										
	Derbyshire County Council	1-10%	70-80%	<1%	<1%	<1%	<1%	<1%			<1%	<1%			<1%	<1%										<1%	
	Leicestershire County Council	10-20%	40-50%	1-10%	<1%	1-10%	10-20%	1-10%	1-10%			<1%	<1%	1-10%	<1%	<1%	10-20%									<1%	<1%
	Lincolnshire County Council			<1%																							
	Northamptonshire County Council																										
West Midlands	Peak District National Park																										
	Nottingham City Council																										
	Staffordshire County Council	1-10%	<1%	<1%	<1%	<1%	1-10%	<1%	1-10%																		
	Telford and Wrekin Council																										
	Warwickshire County Council																										
North West	Bolton Metropolitan Borough Council																										
	Cheshire County Council																										
	Lake District National Park																										
	Lancashire County Council																										
	Tameside Metropolitan Borough Council																										
Yorkshire & the Humber	Warrington Borough Council																										
	Calderdale Metropolitan Borough Council																										
	Doncaster Metropolitan Borough Council																										
	East Riding of Yorkshire Council																										
	Leeds City Council																										
North East	North Lincolnshire Council																										
	North Yorkshire County Council																										
	Wakefield Metropolitan Borough Council																										
	Yorkshire Dales National Park																										
	City of Sunderland Council																										
South Wales	Cardiff City Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
North Wales	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
	Cardiff County Council																										
Total Consumption (thousand tonnes)	885	704	795	868	2 532	615	302	555	512	1 417	812	2 521	287	1 736	7 100	955	2 859	1 434	1 484	873	645	3 933	1 435	1 558			

Source AWP	Source MPA	Destination sub-region											
		Herefordshire	Shropshire and Telford and Wrekin	Staffordshire	Warwickshire	Worcestershire	Remainder of West Midlands	Unknown but somewhere in the West Midlands	Humber (East Riding, North Lincolnshire and North East Lincolnshire)	North Yorks, Yorkshire Dales and North York Moors National Parks	South Yorkshire	West Yorkshire	Unknown but somewhere in Yorks & the Humber
		WMD1	WMD2	WMD3	WMD4	WMD5	WMD6	WMD7	YHU1	YHU2	YHU3	YHU4	YHU5
	Outside England and Wales									1-10%	<1%		
South West	Cornwall Council												
	Dartmoor National Park												
	Devon County Council												
	Dorset Council												
	Gloucestershire County Council	10-20%	<1%		1-10%	10-20%	<1%						
	North Somerset Council					<1%							
	Plymouth City Council												
South East	Somerset County Council	<1%											
	South Gloucestershire Council	1-10%				<1%	<1%						
	Isle of Wight Council												
East of England	Kent County Council												
	Oxfordshire County Council				1-10%								
	Surrey County Council												
East Midlands	Cambridgeshire County Council				<1%								
	Norfolk County Council												
West Midlands	Peterborough												
	Derbyshire County Council		<1%	20-30%	<1%	<1%	30-40%	90-100%	10-20%	1-10%	20-30%	20-30%	<1%
	Leicestershire County Council	<1%	1-10%	10-20%	50-60%	1-10%	30-40%		10-20%	<1%	10-20%	1-10%	
	Lincolnshire County Council				<1%								
	Northamptonshire County Council												
	Peak District National Park		<1%	10-20%	<1%	<1%	10-20%		<1%	<1%	<1%	<1%	
	Rutland County Council												
North West	Herefordshire Council	40-50%	<1%	<1%	<1%	20-30%	<1%						
	Shropshire Council	1-10%	50-60%	10-20%	<1%	20-30%	10-20%		<1%	<1%	<1%		
	Staffordshire County Council		<1%	10-20%	<1%	<1%	<1%		<1%	<1%	<1%		
	Telford and Wrekin Council	1-10%	10-20%	10-20%	1-10%	<1%	1-10%						
	Warwickshire County Council			1-10%	20-30%		<1%						
Yorkshire & the Humber	Bolton Metropolitan Borough Council												
	Cumbria County Council			<1%						1-10%	<1%	1-10%	
	Lake District National Park												
	Lancashire County Council									<1%		<1%	
	Tameside Metropolitan Borough Council												
	Warrington Borough Council												
	Calderdale Metropolitan Borough Council											1-10%	
North East	Doncaster Metropolitan Borough Council			<1%	<1%	<1%			1-10%	<1%	60-70%	1-10%	
	East Riding of Yorkshire Council								1-10%				
	Kirklees Council								<1%		<1%	1-10%	1-10%
	Leeds City Council												30-40%
	North Lincolnshire Council								1-10%				
	North Yorkshire County Council								10-20%	60-70%	1-10%	1-10%	30-40%
	Wakefield Metropolitan Borough Council												30-40%
South Wales	Yorkshire Dales National Park		<1%	<1%					40-50%	20-30%	<1%	50-60%	<1%
	City of Sunderland Council												
	Durham County Council								<1%	1-10%	<1%	1-10%	
	Hartlepool Borough Council												
	Northumberland County Council									<1%	<1%	<1%	
	Northumberland National Park		<1%	<1%	<1%	<1%				<1%	<1%	<1%	
	South Tyneside Council												
North Wales	Blaenau Gwent												
	Brecon Beacons National Park	<1%			<1%	<1%							
	Bridgend												
	Caerphilly												
	Cardiff County Council												
	Carmarthenshire												
	Ceredigion												
	Merthyr Tydfil												
	Neath Port Talbot		<1%	<1%			<1%			<1%	<1%		
	Pembrokeshire												
	Pembrokeshire Coast National Park												
	Powys	20-30%	20-30%	1-10%	1-10%	30-40%	1-10%		<1%	<1%	<1%	<1%	
	Rhondda, Cynon, Taf (Taff)		<1%										<1%
Vale of Glamorgan													
North Wales	Conwy (Aberconwy & Colwyn)												
	Denbighshire		<1%										
	Flintshire		<1%				<1%						
	Gwynedd												
	Isle of Anglesey												
	Total consumption (thousand tonnes)	488	2 530	1 620	1 073	733	1 488	25	979	2 901	2 870	2 342	994