

MARINE AGGREGATES

THE CROWN ESTATE LICENCES

SUMMARY OF STATISTICS 2019

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NC Non confidential

ACCOMPANYING NOTES

1. These statistics refer to removal of sand and gravel from the bed of the English and Welsh Territorial Sea and Continental Shelf, under licence from The Crown Estate Commissioners. Removals from areas not in The Crown Estate ownership are not included in these statistics, nor are dredged materials removed purely for navigational reasons and not used beneficially.
2. All the statistics relate to royalty returns for the 2019 calendar year.
3. All permitted and actual extraction figures are expressed in metric tonnes. A conversion factor of 1.73 for aggregate and 1.5 for sand, has been applied where necessary, to convert cubic metres to metric tonnes.
4. The reported permitted removal tonnages shown within this report refers to the tonnage permitted within The Crown Estate production agreement. This is correct as at 31 December 2019.
5. The tonnages exclude corrections relating to late declarations and those identified during the audits.
6. The regional landing statistics totals will not equate to the amount dredged from each region, due to the presence of the export market and movement of aggregate to meet differing home market demands.
7. The county landing statistics for England are based on ceremonial counties and preserved counties for Wales.
8. An Official Port Listing is included (pages 14-15), which illustrates the individual landing locations (current and historic) and the standard name used within this document.

Summary 2019

1. REGIONAL DREDGING STATISTICS

Licences to Dredge Marine Minerals	Dredging Area	Permitted Removal *1	Primary Aggregates	Rivers and Miscellaneous	Secondary Aggregates		Total Removal
					Beach Nourishment	Reclamation Fill	
	Humber	5,990,000	3,487,826	8,429	717,952	-	4,214,207
	East Coast	7,925,000	4,086,451	-	3,157,535	-	7,243,986
	Thames Estuary	3,400,000	1,328,552	-	-	-	1,328,552
	East English Channel	10,383,334	4,297,490	-	-	-	4,297,490
	South Coast	7,125,000	3,326,651	-	-	-	3,326,651
	South West	3,699,898	1,331,968	38,402	-	-	1,370,370
	North West	1,200,000	229,003	-	-	-	229,003
	Total	39,723,232	18,087,941	46,831	3,875,487	-	22,010,259

2. REGIONAL LANDING STATISTICS

Humber / North East	779,366	England	12,731,848
East Coast	188,009	Wales	683,725
Thames Estuary	8,081,986	Belgium	1,603,445
East English Channel	68,049	Denmark	0
South Coast	2,738,435	France	131,724
South West	1,332,404	Netherlands	2,937,199
North West	227,323		
Export	4,672,369		
Primary Aggregates Total	18,087,941	Primary Aggregates Total	18,087,941

3. NATIONAL LANDING STATISTICS - PRIMARY AGGREGATES

Beach Nourishment / Reclamation Fill / Rivers and Misc	3,922,318		
TOTAL LANDED	22,010,259		

*1 Relates to Average Annual Tonnes (total tonnage / term). This does not include specific permitted tonnages for Secondary Aggregates only.

Tonnages exclude corrections. See note 5 on page 1.

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

HUMBER / NORTH EAST

Blyth	18,045
River Humber Wharves	148,597
River Tees Wharves	354,643
River Tyne Wharves	258,081
Humber / North East Total	779,366

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

EAST COAST

Ipswich

188,009

East Coast Total

188,009

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS	TONNAGES
THAMES ESTUARY	
Cliffe	1,485,584
Dagenham	2,146,989
Denton	664,452
Erith	227,065
Greenhithe	239,769
Greenwich Wharves	2,289,345
Isle of Grain	28,436
Northfleet	473,277
River Medway Wharves	339,213
Swale Wharves	81,173
Thurrock	106,683
Thames Estuary Total	8,081,986

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

EAST ENGLISH CHANNEL

Newhaven

34,025

Ramsgate

34,024

East English Channel Total

**-----
68,049**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

SOUTH COAST

Cowes	65,407
Langstone Harbour Wharves	429,348
Littlehampton	1,204
Poole	71,327
Shoreham Harbour Wharves	1,212,252
Southampton Wharves	958,897

South Coast Total **-----
2,738,435**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

SOUTH WEST

Avonmouth	621,687
Bridgwater	28,698
Burry Port	158,449
Cardiff	217,598
Hinkley	18,134
Newport	227,688
Pembroke	19,744
Port Talbot	10,676
Swansea	27,378
Yelland	2,352
South West Total	1,332,404

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

NORTH WEST

Liverpool Wharves

205,132

Penrhyn

22,191

North West Total

**-----
227,323**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS	TONNAGES
EXPORT	
Amsterdam	933,201
Antwerp	433,891
Boulogne	37,574
Bruges	107,108
Calais	25,762
Dieppe	27,203
Dunkirk	27,203
Gent	204,323
Harlingen	339,223
Honfleur	11,553
Ijmuiden	138,498
Ostend	688,945
River Seine Wharves	2,429
Vlissingen	1,526,277
Zeebrugge	169,179
Export Total	----- 4,672,369

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED SECONDARY AGGREGATES - 2019**

LANDING LOCATIONS

TONNAGES

BEACH NOURISHMENT / RECLAMATION FILL / RIVERS & MISC

Bacton	3,157,535
Harwich Disposal	8,429
Lincshore	717,952
Yelland	38,402

Beach Nourishment / Reclamation Fill / Rivers & Misc Total **3,922,318**

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS	TONNAGES
ENGLAND	
Avonmouth	621,687
Blyth	18,045
Bridgwater	28,698
Cliffe	1,485,584
Cowes	65,407
Dagenham	2,146,989
Denton	664,452
Erith	227,065
Greenwich Wharves	2,289,345
Greenhithe	239,769
Hinkley	18,134
Ipswich	188,009
Isle of Grain	28,436
Langstone Harbour Wharves	429,348
Littlehampton	1,204
Liverpool Wharves	205,132
Newhaven	34,025
Northfleet	473,277
Poole	71,327
Ramsgate	34,024
River Humber Wharves	148,597
River Medway Wharves	339,213
River Tees Wharves	354,643
River Tyne Wharves	258,081
Shoreham Harbour Wharves	1,212,252
Southampton Wharves	958,897
Swale Wharves	81,173
Thurrock	106,683
Yelland	2,352
England Total	12,731,848

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS		TONNAGES
WALES	Burry Port	158,450
	Cardiff	217,598
	Newport (Wales)	227,688
	Pembroke	19,744
	Penrhyn	22,191
	Port Talbot	10,676
	Swansea	27,378
	Wales Total	683,725
BELGIUM	Antwerp	433,890
	Bruges	107,108
	Gent	204,323
	Ostend	688,945
	Zeebrugge	169,179
	Belgium Total	1,603,445
FRANCE	Boulogne	37,574
	Calais	25,762
	Dieppe	27,203
	Dunkirk	27,203
	Honfleur	11,553
	River Seine Wharves	2,429
	France Total	131,724
NETHERLANDS	Amsterdam	933,201
	Harlingen	339,223
	Ijmuiden	138,498
	Vlissingen	1,526,277
	Netherlands Total	2,937,199
	Total	18,087,941

**SUMMARY OF COUNTY LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2019**

LANDING LOCATIONS		TONNAGES
ENGLAND	Bristol	621,687
	Devon	2,352
	Dorset	71,327
	East Riding of Yorkshire	130,257
	East Sussex	447,082
	Essex	106,683
	Greater London	4,663,399
	Hampshire	1,388,245
	Isle of Wight	65,407
	Kent	1,521,132
	Lincolnshire	18,340
	Medway	1,824,796
	Merseyside	205,132
	Middlesbrough	182,809
	North Yorkshire	171,834
	Northumberland	18,045
	Somerset	46,832
	Suffolk	188,009
	Tyne & Wear	258,081
	West Sussex	800,399
	England Total	12,731,848
WALES	Carmarthenshire	158,450
	Gwent	227,688
	Gwynedd	22,191
	Pembrokeshire	19,744
	South Glamorgan	217,598
	West Glamorgan	38,054
	Wales Total	683,725

OFFICIAL PORT LISTING (Current and Historic)

OFFICIAL PORT LISTING

Region	Landing Port (Standard Name)	Wharves/Alternative Names
North East Humber	Blyth	Blyth
	Immingham	Immingham
	Lincsore	Lincsore
	River Humber Wharves	Goole, Grimsby, Howden, Hull, Hull N&Y, Hull Northern Aggregates, Pyewipe, St Andrew's Quay
	River Tees Wharves	Able Tees, Billingham, Middlesbrough, Tees, Tees Sand, Seaton
	River Tyne Wharves	Gateshead, Jarrow, Tyne
	Sunderland	Hendon, Hendon Dock, Sunderland
	Bacton	Bacton
	Ipswich	Hanson/ARC Ipswich, Ipswich
	Lowestoft	Lowestoft
Thames Estuary	Barking	Barking, Docklands Wharf
	Cliffe	Alpha Wharf, Cliffe, North Sea Terminal
	Dagenham	Hanson/ARC Dagenham, Dagenham
	Denton	Denton, Denton B.A.D, Denton Sand, J Clubbs
	Erith	Erith, Pioneer Wharf
	Felixstowe	Felixstowe
	Greenhithe	Greenhithe
	Greenwich Wharves	Angerstein, Blackwall Wharf, Charlton, Delta Wharf, Greenwich, Murphy's Wharf, Phoenix Wharf, Victoria Deep Wharf
	London Docklands Wharves (mostly disused)	Canning Town, Cargo Fleet Wharf, Clarence Wharf, East India Dock, Heron Quay, Millwall, Orchard Wharf, Peruvian Wharf,
	Northfleet	Rotherhithe, Silvertown, Thames Wharf, Thamesmead, Union Wharf, Victoria Wharf
	River Medway & Swale Wharves	Northfleet, Northfleet Brett, Robin's Wharf
	Swale Wharves	Queenborough, Ridham, Rochester, Rochester Hanson, Sheerness
	Tilbury	Ridham, Queenborough
	Thurrock	Tilbury Stroma
	Dover	Purfleet, Purfleet PAL, Thurrock, West Thurrock
	Newhaven	Dover
	Ramsgate	Newhaven, Cemex Newhaven
Rye	Ramsgate	
South Coast	Cowes	Rye
	Langstone Harbour Wharves	Cowes, East Cowes, IOWA/Isle of Wight Aggregates, Kingston Wharf, Medina Wharf, Cemex/SCS West Cowes, TMD/UMD West Cowes, West Cowes
	Littlehampton	Bedhampton, Havant, Kendall's Wharf, Langstone, TMD/UMD Bedhampton/ Portsmouth
	Newport, Isle of Wight	Littlehampton, TMD/UMD Littlehampton
	Plymouth	Blackhouse Quay (disused), Newport IOW, Solent Services, West Medina Mills (disused)
	Poole	Millbay, Plymouth, Stonehouse
	Portsmouth Harbour Wharves	Poole
	Shoreham Harbour Wharves	Fareham, Gosport, LRA Tipner, LRA Upper Wharf, Portsmouth
	Southampton Wharves	Hanson/ARC Shoreham, Hall's Wharf, Hiedelberg Portslade, Kendall's Wharf Shoreham, Portslade, Cemex/SCS Shoreham, Shoreham, Shoreham Ferry Wharf, TMD/UMD Shoreham
	Guernsey	Burnley Wharf, Dibles Wharf, Eling Wharf, JP Marks, JPM Super Wool, Leamouth, LRA Marchwood, Marchwood, Cemex/SCS Southampton, Southampton, Spiffire Wharf, Totton, TMD/UMD Burnley Wharf, Woolston
	Appledore	Guernsey, St Sampson
	Avonmouth	Appledore, Appledore Evans, Bidna
	Barnstaple	Avonmouth, BCA Avonmouth, Cemex/BDL Avonmouth, TMD/UMD Avonmouth
Barry	Barnstaple	
Bridgwater	Barry	
Briton Ferry	Bridgwater, Dunball Wharf	
Channel Islands	Briton Ferry, Cemex Briton Ferry, Giant's Wharf, Hanson Briton Ferry, Ironworks, Riverside Wharf, Tarmac Briton Ferry	
South West		

OFFICIAL PORT LISTING (Current and Historic)

OFFICIAL PORT LISTING

Region	Landing Port (Standard Name)	Wharves/Alternative Names
	Burry Port	Burry Port
	Cardiff	Cardiff, Empire Wharf, Roath Dock
	Hinkley	Hinkley Jetty
	Newport, Wales	Alexandra Dock, Hanson/ARC Newport, East Bank/Ferry Terminal, Eastern Wharf, Newport, Newport (Wales), Newport 2
	Pembroke	Pembroke
	Port Talbot	Port Talbot
	Swansea	Prince of Wales Dock, Cemex/BDL Swansea, Swansea
	Yelland	Yelland
North West	Barrow	Barrow
	Eastham	Eastham
	Glasson	Glasson
	Heysham	Heysham
	Liverpool Wharves	Albert Dock, Birkenhead, Bramley Moore Dock, Garston, Liverpool, Mersey Wharf, Mostyn
	Penrhyn	Penrhyn
	Belfast	Belfast
Northern Ireland		
Continental Europe	Amsterdam	Amsterdam, Amsterdam AGM, Amsterdam PAES, Hanson/CM/Hiedelberg Amsterdam, Steen Korrel
	Antwerp	Antwerp, Hanson/CM Antwerp, Killo
	Breskens	Breskens
	Boulogne	Boulogne
	Bruges	Alzagri, Bruges, Brugge, Hanson/CM Brugge
	Caen	Caen
	Calais	Calais
	Dieppe	Dieppe
	Dunkirk	Hanson/CM Dunkirk Sand, Dunkerque, Dunkirk, Dunkirk Gravel, Dunkirk Sand, Maryck
	Fecamp	Fecamp, Fecamp Mercier
	Flushing	Flushing, Vlissingen
	Gent	Gent, Kluisendok
	Harlingen	Harlingen
	Honfleur	Honfleur
	Ijmuiden	Ijmuiden
	Le Havre	Le Havre, Tregulier
	Le Treport	Le Treport
	Moerdijk	Moerdijk
	Nieuipoort	Nieuipoort
	Ostend	Ostend, Ostend ISG
	River Seine Wharves	Lillebonne, Rouen, St Wandrille, Vatteville, Vatteville-la-Rue
	River Somme Wharves	Vattier
	Roscoff	Roscoff
	Rotterdam	De Hoop Rotterdam, Europoort, Rotterdam, Schiemond
	Sluiskil	NI Sluiskil, Sluiskil
	Terneuzen	Terneuzen
	Thyboron	Thyboron
	Zeebrugge	Zeebrugge, Zeebrugge DVSlI, Zeebrugge Hanson