

MARINE AGGREGATES

THE CROWN ESTATE LICENCES

SUMMARY OF STATISTICS 2018

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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 2018 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 2018.
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 2018

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	5,115,000	2,784,420	-	700,000	-	3,484,420
East Coast	7,925,000	4,244,723	-	-	-	4,244,723
Thames Estuary	3,200,000	1,750,365	-	-	1,068,518	2,818,883
East English Channel	9,633,333	4,075,470	-	-	-	4,075,470
South Coast	6,795,000	3,435,768	-	40,033	136,345	3,612,146
South West	3,083,232	1,238,105	37,336	-	-	1,275,441
North West	1,200,000	288,496	-	-	-	288,496
Total	36,951,565	17,817,347	37,336	740,033	1,204,863	19,799,579

2. REGIONAL LANDING STATISTICS

Humber / North East	722,955
East Coast	194,098
Thames Estuary	8,304,569
East English Channel	39,618
South Coast	2,923,175
South West	1,240,951
North West	281,839
Export	4,110,142
Primary Aggregates Total	17,817,347
Beach Nourishment / Reclamation Fill / Rivers and Misc	1,982,232
TOTAL LANDED	19,799,579

3. NATIONAL LANDING STATISTICS - PRIMARY AGGREGATES

England	13,097,181
Wales	610,024
Belgium	1,464,759
Denmark	1,405
France	183,581
Germany	4,631
Netherlands	2,455,766

Primary Aggregates Total 17,817,347

*1 Relates to Average Annual Tonnages (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 - 2018**

LANDING LOCATIONS

TONNAGES

HUMBER / NORTH EAST

Blyth	11,012
Lincshore	739
River Humber Wharves	140,304
River Tees Wharves	281,908
River Tyne Wharves	288,992

Humber / North East Total

**-----
722,955**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

EAST COAST

Ipswich

194,098

East Coast Total

194,098

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS	TONNAGES
THAMES ESTUARY	
Cliffe	1,248,821
Dagenham	2,045,332
Denton	629,403
Erith	235,030
Greenhithe	164,548
Greenwich Wharves	2,631,362
Northfleet	657,829
River Medway Wharves	356,084
Swale Wharves	159,113
Thurrock	177,047
Thames Estuary Total	8,304,569

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

EAST ENGLISH CHANNEL

Newhaven

7,722

Ramsgate

31,896

East English Channel Total

**-----
39,618**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

SOUTH COAST

Cowes	62,833
Langstone Harbour Wharves	591,253
Poole	61,180
Shoreham Harbour Wharves	1,318,508
Southampton Wharves	889,401

South Coast Total

**-----
2,923,175**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

SOUTH WEST

Avonmouth	589,177
Bridgwater	65,519
Briton Ferry	4,661
Burry Port	101,989
Cardiff	163,807
Newport, Wales	217,928
Pembroke	26,935
Port Talbot	8,215
Swansea	62,720

South West Total

**-----
1,240,951**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

NORTH WEST

Liverpool Wharves

258,070

Penryhn

23,769

North West Total

281,839

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

EXPORT

Amsterdam	820,810
Antwerp	435,225
Boulogne	35,471
Bruges	88,425
Calais	30,532
Dieppe	4,740
Dunkirk	87,804
Flushing	1,290,009
Gent	172,396
Harlingen	282,991
Honfleur	8,929
Ijmuiden	50,605
Le Havre	9,123
Moerdijk	11,351
Ostend	641,050
Rendsburg	4,631
River Seine Wharves	6,982
Thyboron	1,405
Zeebrugge	127,663

Export Total

**-----
4,110,142**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED SECONDARY AGGREGATES - 2018**

LANDING LOCATIONS

TONNAGES

BEACH NOURISHMENT / RECLAMATION FILL / RIVERS & MISC

Dover	801,455
Eastbourne	6,965
Felixstowe	267,063
Lincshore	700,000
Pevensey	18,693
Poole	136,345
Selsey	14,375
Yelland	37,336

Beach Nourishment / Reclamation Fill / Rivers & Misc Total **1,982,232**

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS		TONNAGES
ENGLAND	Avonmouth	589,177
	Blyth	11,012
	Bridgwater	65,519
	Cliffe	1,248,821
	Cowes	62,833
	Dagenham	2,045,332
	Denton	629,403
	Erith	235,030
	Greenhithe	164,548
	Greenwich Wharves	2,631,362
	Ipswich	194,098
	Langstone Harbour Wharves	591,253
	Lincshore	739
	Liverpool Wharves	258,070
	Newhaven	7,722
	Northfleet	657,829
	Poole	61,180
	Ramsgate	31,896
	River Humber Wharves	140,304
	River Medway Wharves	356,084
	River Tees Wharves	281,908
	River Tyne Wharves	288,992
	Shoreham Harbour Wharves	1,318,508
	Southampton Wharves	889,401
	Swale Wharves	159,113
	Thurrock	177,047
	England Total	13,097,181
WALES	Briton Ferry	4,661
	Burry Port	101,989
	Cardiff	163,807
	Newport, Wales	217,928
	Pembroke	26,935
	Penrhyn	23,769
	Port Talbot	8,215
	Swansea	62,720
	Wales Total	610,024

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS		TONNAGES
BELGIUM	Antwerp	435,225
	Bruges	88,425
	Gent	172,396
	Ostend	641,050
	Zeebrugge	127,663
	Belgium Total	1,464,759
DENMARK	Thyboron	1,405
		Denmark Total
FRANCE	Boulogne	35,471
	Calais	30,532
	Dieppe	4,740
	Dunkirk	87,804
	Honfleur	8,929
	Le Havre	9,123
	River Seine Wharves	6,982
	France Total	183,581
GERMANY	Rendsburg	4,631
		Germany Total
NETHERLANDS	Amsterdam	820,810
	Flushing	1,290,009
	Harlingen	282,991
	Ijmuiden	50,605
	Moerdijk	11,351
	Netherlands Total	2,455,766
	Total	17,817,347

**SUMMARY OF COUNTY LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2018**

LANDING LOCATIONS	TONNAGES
ENGLAND	
Bristol	589,177
Dorset	61,180
East Riding of Yorkshire	121,644
East Sussex	419,224
Essex	177,047
Greater London	4,911,724
Hampshire	1,480,654
Isle of Wight	62,833
Kent	1,642,789
Lincolnshire	19,399
Medway	1,604,905
Merseyside	258,070
Middlesbrough	64,938
North Yorkshire	216,970
Northumberland	11,012
Somerset	65,519
Suffolk	194,098
Tyne & Wear	288,992
West Sussex	907,006

England Total	13,097,181
WALES	
Carmarthenshire	101,989
Gwent	217,928
Gwynedd	23,769
Pembrokeshire	26,935
South Glamorgan	163,807
West Glamorgan	75,596

Wales Total	610,024

OFFICIAL PORT LISTING (Current and Historic)

Region	Landing Port (Standard Name)	Wharves/Alternative Names
North East	Blyth	Blyth
Humber	Immingham	Immingham
	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, Terrc-Seaton
	River Tyne Wharves	Gateshead, Jarrow, Tyne
	Sunderland	Hendon, Hendon Dock, Sunderland
East Coast	Ipswich	Hanson/ARC Ipswich, Brett Aggregates Ipswich
	Lowesoft	Lowestoft
Thames	Cliffe	Alpha Wharf, Cliffe, North Sea Terminal
	Dagenham	Hanson/ARC Dagenham, Dagenham, Barking, Docklands Wharf
	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	Canning Town, Cargo Fleet Wharf, Clarence Wharf, East India Dock, Heron Quay, Millwall, Orchard Wharf, Peruvian Wharf, Rotherhithe, Silvertown,
	Northfleet	Northfleet, Northfleet Brett, Robin's Wharf
	River Medway Wharves	Rochester, Rochester Hanson, Sheerness
	Swale Wharves	Ridham, Queenborough
	Tilbury	Tilbury Stema
	Thurrock	Purfleet, Purfleet PAL, Thurrock, West Thurrock
East English Channel	Dover	Dover
	Newhaven	Newhaven, Cemex Newhaven
	Ramsgate	Ramsgate
	Rye	Rye
South Coast	Cowes	Cowes, East Cowes, IOWA/Isle of Wight Aggregates, Kingston Wharf, Medina Wharf, Cemex/SCS West Cowes, TMD/UMD West Cowes, West Cowes
	Langstone Harbour Wharves	Bedhampton, Havant, Kendall's Wharf, Langstone, TMD/UMD Bedhampton
	Littlehampton	Littlehampton, TMD/UMD Littlehampton
	Newport, Isle of Wight	Blackhouse Quay (disused), Newport IoW, Solent Services, West Medina Mills (disused)
	Plymouth	Millbay, Plymouth, Stonehouse
	Poole	Poole
	Portsmouth Harbour Wharves	Fareham, Gosport, LRA Tipner, LRA Upper Wharf, Portsmouth
	Shoreham Harbour Wharves	Hanson/ARC Shoreham, Hall's Wharf, Hiedelberg Portslade, Kendall's Wharf Shoreham, Portslade, Cemex/SCS Shoreham, Shoreham, Shoreham
Southampton Wharves	Burnley Wharf, Dibles Wharf, Eling Wharf, JP Marks, JPM Super Wool, Leamouth, LRA Marchwood, Marchwood, Cemex/SCS Southampton,	
Channel Islands	Guernsey	Guernsey, St Sampson
South West	Appledore	Appledore, Appledore Evans, Bidna
	Avonmouth	Avonmouth, BCA Avonmouth, Cemex/BDL Avonmouth, TMD/UMD Avonmouth
	Barnstaple	Barnstaple
	Barry	Barry
	Bridgwater	Bridgwater, Dunball Wharf
	Briton Ferry	Briton Ferry, Cemex Briton Ferry, Giant's Wharf, Hanson Briton Ferry, Ironworks, Riverside Wharf, Tarmac Briton Ferry
	Burry Port	Burry Port
	Cardiff	Cardiff, Empire Wharf, Roath Dock
	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

OFFICIAL PORT LISTING (Current and Historic)

Region	Landing Port (Standard Name)	Wharves/Alternative Names
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
Northern Ireland	Belfast	Belfast
Continental Europe	Amsterdam	Amsterdam, Amsterdam AGM, Amsterdam PAES, Hanson/CM/Hiedelberg Amsterdam, Steen Korrel
	Antwerp	Antwerp, Hanson/CM Antwerp, Kallo
	Breskens	Breskens
	Bruges	Alzagri, Bruges, Brugge, Hanson/CM Brugge
	Caen	Caen
	Calais	Calais
	Dunkirk	Hanson/CM Dunkirk Sand, Dunkerque, Dunkirk, Dunkirk Gravel, Dunkirk Sand, Mardyck
	Fecamp	Fecamp, Fecamp Mercier
	Flushing	Flushing, Vlissingen
	Gent	Gent, Kluizendok
	Harlingen	Harlingen
	Honfleur	Honfleur
	Ijmuiden	Ijmuiden
	Le Havre	Le Havre, Treguier, Radicatel
	Le Treport	Le Treport
	Moerdijk	Moerdijk
	Nieuipoort	Nieuipoort
	Ostend	Ostend, Ostend ISG
	River Seine Wharves	Lillebonne, Rouen, St Wandrille, Vatteville, Vattewille-la-Rue
	River Somme Wharves	Vattier
	Roscoff	Roscoff
	Rotterdam	De Hoop Rotterdam, Europoort, Rotterdam, Schiemond
	Sluiskil	NL Sluiskil, Sluiskil
	Terneuzen	Terneuzen
	Thyboron	Thyboron
	Zeebrugge	Zeebrugge, Zeebrugge DVSII, Zeebrugge Hanson