

**MARINE AGGREGATES**

**THE CROWN ESTATE LICENCES**

**SUMMARY OF STATISTICS 2017**

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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 2017 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 tonnage shown within this report refers to the tonnage permitted within The Crown Estate production. This is correct as at 31 December 2017.
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. 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 2017

### 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	4,400,000	1,884,898	2,847	504,401	-	2,392,146
East Coast	7,925,000	4,261,254	-	-	-	4,261,254
Thames Estuary	3,000,000	1,850,692	-	-	550,847	2,401,539
East English Channel	9,533,333	3,968,052	-	-	-	3,968,052
South Coast	7,165,000	3,772,628	-	505,472	-	4,278,100
South West	1,749,900	1,343,110	39,265	-	-	1,382,375
North West	1,300,000	321,090	-	-	-	321,090
<b>Total</b>	<b>35,073,233</b>	<b>17,401,724</b>	<b>42,112</b>	<b>1,009,873</b>	<b>550,847</b>	<b>19,004,556</b>

### 2. REGIONAL LANDING STATISTICS

Humber / North East	785,576
East Coast	208,015
Thames Estuary	8,581,834
East English Channel	7,620
South Coast	3,028,452
South West	1,348,723
North West	314,113
Export	3,127,371
<b>Primary Aggregates Total</b>	<b>17,401,704</b>
Beach Nourishment / Reclamation Fill / Rivers and Misc	1,602,832
<b>TOTAL LANDED</b>	<b>19,004,536</b>

### 3. NATIONAL LANDING STATISTICS - PRIMARY AGGREGATES

England	13,579,248
Wales	695,105
Belgium	1,285,623
Denmark	7,792
France	246,647
Netherlands	1,587,309
<b>Primary Aggregates Total</b>	<b>17,401,724</b>

\*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 - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**HUMBER / NORTH EAST**

Blyth	37,406
River Humber Wharves	154,159
River Tees Wharves	297,387
River Tyne Wharves	296,624
<b>Humber / North East Total</b>	<b>785,576</b>

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**EAST COAST**

Ipswich

208,015

**East Coast Total**

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**208,015**

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**THAMES ESTUARY**

Cliffe	1,474,799
Dagenham	1,823,536
Denton	658,203
Erith	253,144
Greenhithe	161,184
Greenwich Wharves	2,912,206
Northfleet	577,149
River Medway & Swale Wharves	522,860
Thurrock	194,820
Tilbury	3,933
<b>Thames Estuary Total</b>	<b>8,581,834</b>

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**EAST ENGLISH CHANNEL**

Ramsgate

7,620

**East English Channel Total**

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**7,620**

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**SOUTH COAST**

Cowes	89,282
Langstone Harbour Wharves	587,464
Poole	74,964
Shoreham Harbour Wharves	1,307,447
Southampton Wharves	969,295

**South Coast Total**      **-----**  
**3,028,452**

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**SOUTH WEST**

Appledore	10,056
Avonmouth	586,342
Bridgwater	80,830
Burry Port	119,760
Cardiff	176,669
Newport (Wales)	259,285
Pembroke	26,831
Port Talbot	3,547
Swansea	81,844
Yelland	3,559

**South West Total**

**1,348,723**

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**NORTH WEST**

Barrow	8,327
Liverpool Wharves	278,617
Penryhn	27,169
<b>North West Total</b>	<b>----- 314,113</b>

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

<b>LANDING LOCATIONS</b>	<b>TONNAGES</b>
<b>EXPORT</b>	
Amsterdam	437,615
Antwerp	425,321
Boulogne	60,967
Bruges	135,109
Calais	28,372
Dunkirk	128,507
Fecamp	4,430
Flushing	957,646
Gent	60,343
Harlingen	167,648
Honfleur	24,371
Ijmuiden	24,400
Ostend	509,168
Thyboron	7,792
Zeebrugge	155,682
<b>Export Total</b>	<b>3,127,371</b>

**SUMMARY OF REGIONAL LANDING STATISTICS  
FOR MARINE DREDGED SECONDARY AGGREGATES - 2017**

**LANDING LOCATIONS**

**TONNAGES**

**BEACH NOURISHMENT / RECLAMATION FILL / RIVERS & MISC**

Blyth	2,847
Dawlish Warren	487,695
Dover	550,847
Lincshore	504,401
Pevensey	17,777
Yelland	39,265

**Beach Nourishment / Reclamation Fill / Rivers & Misc Total** **1,602,832**

**SUMMARY OF NATIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

<b>LANDING LOCATIONS</b>	<b>TONNAGES</b>
<b>ENGLAND</b>	
Appledore	10,056
Avonmouth	586,342
Barrow	8,327
Blyth	37,406
Bridgwater	80,830
Cliffe	1,474,799
Cowes	89,282
Dagenham	1,823,536
Denton	658,203
Erith	253,144
Greenhithe	161,184
Greenwich Wharves	2,912,206
Ipswich	208,015
Langstone Harbour Wharves	587,484
Liverpool Wharves	278,617
Northfleet	577,149
Poole	74,964
Ramsgate	7,620
River Humber Wharves	154,159
River Medway & Swale Wharves	522,860
River Tees Wharves	297,387
River Tyne Wharves	296,624
Shoreham Harbour Wharves	1,307,447
Southampton Wharves	969,295
Thurrock	194,820
Tilbury	3,933
Yelland	3,559
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<b>England Total</b>	<b>13,579,248</b>

**SUMMARY OF NATIONAL LANDING STATISTICS  
FOR MARINE DREDGED PRIMARY AGGREGATES - 2017**

<b>LANDING LOCATIONS</b>		<b>TONNAGES</b>
<b>WALES</b>	Burry Port	119,760
	Cardiff	176,669
	Newport (Wales)	259,285
	Pembroke	26,831
	Penryhn	27,169
	Port Talbot	3,547
	Swansea	81,844
	<b>Wales Total</b>	<b>695,105</b>
<b>BELGIUM</b>	Antwerp	425,321
	Bruges	135,109
	Gent	60,343
	Ostend	509,168
	Zeebrugge	155,682
	<b>Belgium Total</b>	<b>1,285,623</b>
<b>DENMARK</b>	Thyboron	7,792
	<b>Denmark Total</b>	<b>7,792</b>
<b>FRANCE</b>	Boulogne	60,967
	Calais	28,372
	Dunkirk	128,507
	Fecamp	4,430
	Honfleur	24,371
	<b>France Total</b>	<b>246,647</b>
<b>NETHERLANDS</b>	Amsterdam	437,615
	Flushing	957,646
	Harlingen	167,648
	Ijmuiden	24,400
	<b>Netherlands Total</b>	<b>1,587,309</b>
	<b>Total</b>	<b>17,401,724</b>

**OFFICIAL PORT LISTING (Current and Historic)**

**OFFICIAL PORT LISTING**

<b>Region</b>	<b>Landing Port (Standard Name)</b>	<b>Wharves/Alternative Names</b>
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, Ipswich
	Lowesoft	Lowesoft
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
	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, Rotherhithe, Silvertown, Thames Wharf, Thamesmead, Union Wharf, Victoria Wharf
	Northfleet	Northfleet, Northfleet Brett, Robin's Wharf
	River Medway & Swale Wharves	Queenborough, Ridham, Rochester, Rochester Hanson, Sheerness
	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 Ferry Wharf, TMD/UMD Shoreham
Southampton Wharves	Burnley Wharf, Dibles Wharf, Eling Wharf, JP Marks, JPM Super Wool, Leamouth, LRA Marchwood, Marchwood, Cemex/SCS Southampton, Southampton, Spitfire Wharf, Totton, TMD/UMD Burnley Wharf, Woolston	
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

**OFFICIAL PORT LISTING (Current and Historic)**

**OFFICIAL PORT LISTING**

<b>Region</b>	<b>Landing Port (Standard Name)</b>	<b>Wharves/Alternative Names</b>
	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
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
	Le Treport	Le Treport
	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