

MARINE AGGREGATES

THE CROWN ESTATE LICENCES

STATISTICS 2020

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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 2020 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 2020.
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 15-17), which illustrates the individual landing locations (current and historic) and the standard name used within this document.

Summary 2020

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	6,875,000	3,518,521	-	665,862	-	4,184,383
East Coast	7,325,000	2,870,773	-	-	-	2,870,773
Thames Estuary	3,600,000	1,354,313	-	-	-	1,354,313
East English Channel	9,716,667	4,073,735	-	769,760	-	4,843,495
South Coast	7,825,000	3,181,495	-	141,303	-	3,322,798
South West	2,699,998	1,274,962	-	43,242	-	1,318,204
North West	1,300,000	153,555	-	-	-	153,555
Total	39,341,665	16,427,354	-	1,620,167	-	18,047,521

2. REGIONAL LANDING STATISTICS

Humber / North East	752,501
East Coast	222,088
Thames Estuary	7,119,582
East English Channel	171,578
South Coast	2,390,224
South West	1,272,953
North West	153,555
Export	4,344,873
Primary Aggregates Total	16,427,354
Beach Nourishment / Reclamation Fill / Rivers and Misc	1,620,167
TOTAL LANDED	18,047,521

3. NATIONAL LANDING STATISTICS - PRIMARY AGGREGATES

England	11,399,356
Wales	683,125
Belgium	1,608,016
France	107,423
Netherlands	2,629,434

Primary Aggregates Total **16,427,354**

*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 - 2020**

LANDING LOCATIONS

TONNAGES

HUMBER / NORTH EAST

River Humber Wharves	192,430
River Tees Wharves	291,416
River Tyne Wharves	268,655
Humber / North East Total	752,501

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

EAST COAST

Ipswich

222,088

East Coast Total

**-----
222,088**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS	TONNAGES
THAMES ESTUARY	
Cliffe	1,034,235
Dagenham	1,854,544
Denton	495,400
Erith	107,235
Greenwich Wharves	2,200,042
Greenhithe	355,533
Northfleet	529,701
River Medway Wharves	302,629
Swale Wharves	34,449
Thurrock	205,814
Thames Estuary Total	7,119,582

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

EAST ENGLISH CHANNEL

Dover	19,761
Newhaven	112,443
Ramsgate	39,374
East English Channel Total	----- 171,578

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

SOUTH COAST

Cowes	54,129
Langstone Harbour Wharves	367,480
Poole	80,277
Shoreham Harbour Wharves	1,022,627
Southampton Wharves	865,711
South Coast Total	2,390,224

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

SOUTH WEST

Avonmouth	563,399
Bridgewater	9,075
Briton Ferry	1,934
Burry Port	177,686
Cardiff	195,377
Hinkley	24,887
Newport	236,480
Pembroke	15,689
Port Talbot	12,987
Swansea	35,439

South West Total

**-----
1,272,953**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

NORTH WEST

Liverpool Wharves

146,022

Penrhyn

7,533

North West Total

**-----
153,555**

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS	TONNAGES
EXPORT	
Amsterdam	921,930
Antwerp	345,921
Boulogne	46,052
Bruges	344,643
Dunkirk	39,291
Gent	154,091
Harlingen	234,234
Honfleur	4,415
Ijmuiden	112,665
Ostend	552,299
River Seine Wharves	17,665
Vlissingen	1,360,605
Zeebrugge	211,062
Export Total	4,344,873

**SUMMARY OF REGIONAL LANDING STATISTICS
FOR MARINE DREDGED SECONDARY AGGREGATES - 2020**

LANDING LOCATIONS

TONNAGES

BEACH NOURISHMENT / RECLAMATION FILL / RIVERS & MISC

Eastbourne	26,966
Elmer	29,062
Hythe	659,459
Lincshore	665,862
Lydd	110,301
Pevensey	43,132
Southsea	42,143
Yelland	43,242

Beach Nourishment / Reclamation Fill / Rivers & Misc Total **1,620,167**

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS		TONNAGES
ENGLAND	Avonmouth	563,399
	Bridgewater	9,075
	Cliffe	1,034,235
	Cowes	54,129
	Dagenham	1,854,544
	Denton	495,400
	Dover	19,761
	Erith	107,235
	Greenhithe	355,533
	Greenwich Wharves	2,200,042
	Hinkley	24,887
	Ipswich	222,088
	Langstone Harbour Wharves	367,480
	Liverpool Wharves	146,022
	Newhaven	112,443
	Northfleet	529,701
	Poole	80,277
	Ramsgate	39,374
	River Humber Wharves	192,430
	River Medway Wharves	302,629
	River Tees Wharves	291,416
	River Tyne Wharves	268,655
	Shoreham Harbour Wharves	1,022,627
	Southampton Wharves	865,711
	Swale Wharves	34,449
	Thurrock	205,814
	England Total	11,399,356

**SUMMARY OF NATIONAL LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS		TONNAGES
WALES	Briton Ferry	1,934
	Burry Port	177,686
	Cardiff	195,377
	Newport (Wales)	236,480
	Pembroke	15,689
	Penrhyn	7,533
	Port Talbot	12,987
	Swansea	35,439
	Wales Total	683,125
BELGIUM	Antwerp	345,921
	Bruges	344,643
	Gent	154,091
	Ostend	552,299
	Zeebrugge	211,062
		Belgium Total
FRANCE	Boulogne	46,052
	Dunkirk	39,291
	Honfleur	4,415
	River Seine Wharves	17,665
		France Total
NETHERLANDS	Amsterdam	921,930
	Harlingen	234,234
	Ijmuiden	112,665
	Vlissingen	1,360,605
		Netherlands Total
	Total	16,427,354

**SUMMARY OF COUNTY LANDING STATISTICS
FOR MARINE DREDGED PRIMARY AGGREGATES - 2020**

LANDING LOCATIONS	TONNAGES
ENGLAND	
Bristol	563,399
Dorset	80,277
East Riding of Yorkshire	179,203
East Sussex	471,145
Essex	205,814
Greater London	4,161,821
Hampshire	1,233,191
Isle of Wight	54,129
Kent	1,474,218
Lincolnshire	13,227
Medway	1,336,864
Merseyside	146,022
Middlesbrough	62,854
North Yorkshire	228,562
Somerset	33,962
Suffolk	222,088
Tyne & Wear	268,655
West Sussex	663,925
England Total	11,399,356
WALES	
Carmarthenshire	177,686
Gwent	236,480
Gwynedd	7,533
Pembrokeshire	15,689
South Glamorgan	195,377
West Glamorgan	50,360
Wales Total	683,125

OFFICIAL PORT LISTING

Region	Landing Port (Standard Name)	Wharves/Alternative Names
North East	Blyth	Blyth
Humber	Immingham	Immingham
	Lincshore	Lincshore
	River Humber Wharves	Goole, Grimsby, Howden, Hull, Hull N&Y, Hull Northern Aggregates, Pyewipe, St Andrew's Quay, Stema Hull
	River Tees Wharves	Able Tees, Billingham, Middlesbrough, Tees, Tees Sand, Seaton, Middlesbrough Dawsons, TCP East Quarry (Shire Aggregates)
	River Tyne Wharves	Gateshead, Jarrow, Tyne, Jarrow Wharf (Cemex)
	Sunderland	Hendon, Hendon Dock, Sunderland
East Coast	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, Dagenham Deport (Cemex)
	Denton	Denton, Denton B.A.D, Denton Sand, J Clubbs
	Erith	Erith, Pioneer Wharf
	Felixstowe	Felixstowe
	Greenhithe	Greenhithe, Hanson 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
	Swale Wharves	Ridham, Queenborough
	Tilbury	Tilbury Stema
Thurrock	Purfleet, Purfleet PAL, Thurrock, West Thurrock	
East English Channel	Dover	Dover
	Hythe	Hythe
	Lydd	Lydd
	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
	Eastbourne	Eastbourne Beach
	Elmer	Elmer Beach
	Langstone Harbour Wharves	Bedhampton, Havant, Kendall's Wharf, Langstone, TMD/UMD Bedhampton/ Portsmouth
	Littlehampton	Littlehampton, TMD/UMD Littlehampton
	Newport, Isle of Wight	Blackhouse Quay (disused), Newport IoW, Solent Services, West Medina Mills (disused)
	Pevensy	Pevensy Beach
	Plymouth	Millbay, Plymouth, Stonehouse
	Poole	Poole
	Portsmouth Harbour Wharves	Fareham, Gosport, LRA Tipner, LRA Upper Wharf, Portsmouth

OFFICIAL PORT LISTING

Region	Landing Port (Standard Name)	Wharves/Alternative Names
	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, Southampton (Fawley), Spitfire Wharf, Totton, TMD/UMD Burnley Wharf, Woolston
	Southsea	Southsea
Channel Islands	Guernsey	Guernsey, St Sampson
South West	Appledore	Appledore, Appledore Evans, Bidna
	Avonmouth	Avonmouth, BCA Avonmouth, Cemex/BDL Avonmouth, Hanson Avonmouth, Remix 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, TMD Cardiff, Cemex Cardiff, Hanson 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
Northern Ireland	Belfast	Belfast
Continental Europe	Amsterdam	Amsterdam, Amsterdam AGM, Amsterdam PAES, Hanson/CM/Hiedelberg Amsterdam, Steen Korrel
	Antwerp	Antwerp, Hanson/CM Antwerp, Kallo, Antwerp Sands
	Breskens	Breskens
	Boulogne	Boulogne, Boulogne-sur-mer
	Bruges	Alzagri, Bruges, Brugge, Hanson/CM Brugge
	Caen	Caen
	Calais	Calais
	Dieppe	Dieppe
	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

OFFICIAL PORT LISTING

Region	Landing Port (Standard Name)	Wharves/Alternative Names
	Le Havre	Le Havre, Treguier
	Le Treport	Le Treport
	Moerdijk	Moerdijk
	Nieupoort	Nieupoort
	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