

Supplementary 1

Table 1a. Intertidal oyster density per m² per year and verified harvesting per year.

(H indicates witnessed harvesting, O no harvesting)

Site	Transect No.	Density/m ² 2004	Harvesting/04	Density/m ² 2021	Harvesting/21
Ballyreagh	1	23	H	0.04	O
Ballyreagh	2	27	H	0	O
Ballyreagh	3	25	H	0.03	O
Ballyreagh W	1	10.2	H	0.07	O
Ballyreagh W	2	11.8	H	0.082	O
Ballyreagh W	3	11.2	H	0.08	O
Ballyreagh E	1	6.9	H	0.19	O
Ballyreagh E	2	6	H	0.15	O
Ballyreagh E	3	6.7	H	0.17	O
Ballyreagh N	1	4.4	H	0.5	O
Ballyreagh N	2	4.1	H	0.4	O
Ballyreagh N	3	4.2	H	0.46	O
Millars Corner	1	0.47	H	0.53	H
Millars Corner	2	0.5	H	0.55	H
Millars Corner	3	0.48	H	0.53	H
Pig Island SW	1	0	H	0.95	O
Pig Island SW	2	0	H	0.92	O
Pig Island SW	3	0	H	0.93	O
Pig Island N	1	0	H	1.19	O
Pig Island N	2	0	H	1.16	O
Pig Island N	3	0	H	1.17	O
Pig Island NW	1	0.04	H	1.16	O
Pig Island NW	2	0.09	H	1.14	O
Pig Island NW	3	0.08	H	1.15	O
Kite Surf	1	0.5	O	1	H
Kite Surf	2	0.8	O	0.19	H
Kite Surf	3	0.6	O	0.17	H
Cunningburn	1	0.3	H	0.1	H
Cunningburn	2	0.8	H	0.12	H
Cunningburn	3	0.5	H	0.1	H
NSC N	1	8.8	O	0.9	H
NSC N	2	11	O	0.65	H
NSC N	3	10	O	0.85	H
NSC S	1	3.2	H	0.87	H
NSC S	2	2.8	H	1	H
NSC S	3	3	H	0.95	H
NSC E	1	4.6	H	0.4	H
NSC E	2	4.8	H	0.3	H
NSC E	3	4.5	H	0.34	H
Chapel Island N	1	3.79	H	0.3	H
Chapel Island N	2	4	H	0.9	H
Chapel Island N	3	4.2	H	0.6	H
Chapel Island W	1	1	H	0.05	O
Chapel Island W	2	1.9	H	0.04	O
Site	Transect	Density/m ²	Harvesting/04	Density/m ²	Harvesting/21

	No.	2004		2021	
Chapel Island W	3	1.4	H	0.02	O
Peggy's Island	1	2.1	O	2.1	O
Peggy's Island	2	1.8	O	1.5	O
Peggy's Island	3	2	O	1.8	O
Greyabbey 1	1	1.4	H	0.02	O
Greyabbey1	2	1.4	H	0.03	O
Greyabbey 1	3	1.4	H	0.02	O
Greyabbey fish trap	1	1.4	H	0.03	O
Greyabbey fish trap	2	1.6	H	0.04	O
Greyabbey fish trap	3	1.5	H	0.05	O
Greyabbey fish trap 2	1	0.8	H	0.05	O
Greyabbey fish trap 2	2	1.3	H	0	O
Greyabbey fish trap 2	3	1	H	0.03	O
Nendrum N	1	0.98	O	0.26	O
Nendrum N	2	1	O	0.2	O
Nendrum N	3	1.3	O	0.23	O
Nendrum S	1	0.01	O	0	O
Nendrum S	2	0	O	0	O
Nendrum S	3	0	O	0.003	O
Rignell	1	0	O	0.01	O
Rignell	2	0	O	0	O
Rignell	3	0	O	0.008	O
Kircubbin	1	0.04	H	1.5	H
Kircubbin	2	0.06	H	1.2	H
Kircubbin	3	0.05	H	1	H
Horse Island	1	0.08	O	4.67	H
Horse Island	2	0.05	O	4.5	H
Horse Island	3	0.07	O	4.41	H
Inisharoan	1	0	O	0	O
Inisharoan	2	0	O	0	O
Inisharoan	3	0	O	0	O
Inishanier	1	0	O	0	O
Inishanier	2	0	O	0	O
Inishanier	3	0	O	0	O
Roe Island	1	0	O	0	O
Roe Island	2	0	O	0	O
Roe Island	3	0	O	0	O
Killyleagh	1	0	O	0	O
Killyleagh	2	0	O	0	O
Killyleagh	3	0	O	0	O

Table 1b. Island site oyster density per m² per year and verified harvesting per year.

(H indicates witnessed harvesting, O no harvesting)

Site	Transect No.	Density/m ² 2004	Harvesting/04	Density/m ² 2021	Harvesting/21
Sheelah Island	1	0.75	H	7.5	H
Sheelah Island	2	0.7	H	7.32	H
Sheelah Island	3	0.9	H	7.26	H
Eel Rock	1	0.5	H	1.23	O
Eel Rock	2	0.4	H	1.3	O
Eel Rock	3	0.5	H	1.29	O
Dulsk Rock	1	0	H	0	O
Dulsk Rock	2	0	H	0.005	O
Dulsk Rock	3	0	H	0.002	O
South Dougherty Rk	1	2	H	4.5	O
South Dougherty Rk	2	2.58	H	4.41	O
South Dougherty Rk	3	2.5	H	4.34	O
North Bucky	1	0.67	H	0.98	O
North Bucky	2	0	H	1	O
North Bucky	3	0.49	H	0.94	O
Bird Island	1	0.6	H	5.34	O
Bird Island	2	0.76	H	5.1	O
Bird Island	3	0.85	H	5.01	O
Womans Rock	1	0.6	H	1.9	O
Womans Rock	2	0.32	H	2.45	O
Womans Rock	3	0.6	H	2.1	O
South Rock	1	1.7	H	5.6	O
South Rock	2	2	H	5.51	O
South Rock	3	2.8	H	5.08	O
South Buckey	1	0.28	H	0.89	O
South Buckey	2	0.33	H	1	O
South Buckey	3	0.4	H	0.9	O
West Rock	1	0.18	H	0.9	O
West Rock	2	0.27	H	1.25	O
West Rock	3	0.2	H	0.94	O
Skart Rock	1	0	H	6.19	O
Skart Rock	2	0.09	H	6.51	O
Skart Rock	3	0.09	H	6.26	O