

# Export Comparison QAQC Report

(SIDBGD) SEACAR Internal Divison for the Betterment and Goodification of Data

2024-04-03

This document is intended to provide an overview of newly-exported Combined Tables.

## Species

### Overview

Table 1: Comparison of New vs. Old data exports - (Species)

<i>habitat</i>	<i>oldFile</i>	<i>newFile</i>	<i>nDataOld</i>	<i>nDataNew</i>	<i>difference</i>
Coral	2024-Feb-23	2024-Mar-28	7937817	8449948	512131
CW	2024-Feb-23	2024-Mar-27	14978	23508	8530
Nekton	2024-Feb-23	2024-Mar-27	2713747	2981244	267497
Oyster	2024-Feb-23	2024-Mar-27	567278	574599	7321
SAV	2024-Feb-23	2024-Mar-29	3418897	4361842	942945

## Differences in Program data between exports

Coral

Table 2: Number of data entries by program - Colony Height

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Colony Height	15000	16258	1258	NA
169	Colony Height	72588	72657	69	NA
981	Colony Height	135707	135707	0	NA
3022	Colony Height	36857	36860	3	NA
4019	Colony Height	5589	5589	0	NA
5040	Colony Height	1341	1342	1	NA

Table 3: Number of data entries by program - Colony Length

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Colony Length	15013	16271	1258	NA
5040	Colony Length	1342	1342	0	NA

Table 4: Number of data entries by program - Colony Width

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Colony Width	15000	16259	1259	NA
981	Colony Width	135740	135740	0	NA
3022	Colony Width	36823	36824	1	NA
4019	Colony Width	5589	5589	0	NA
5040	Colony Width	1342	1342	0	NA

Table 5: Number of data entries by program - Count

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Count	13910	47791	33881	NA
3021	Count	214	384	170	NA
3022	Count	168	1687	1519	NA
3024	Count	72358	210163	137805	NA

Table 6: Number of data entries by program - Percent Live Tissue

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Percent Live Tissue	14963	17388	2425	NA
5040	Percent Live Tissue	1341	1341	0	NA

Table 7: Number of data entries by program - Presence/Absence

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
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<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
136	Presence/Absence	13910	13676	-234	NA
295	Presence/Absence	95	95	0	NA
379	Presence/Absence	4113	4113	0	NA
915	Presence/Absence	5779270	5779270	0	NA
965	Presence/Absence	918359	918359	0	NA
981	Presence/Absence	135743	135743	0	NA
3021	Presence/Absence	384	384	0	NA
3024	Presence/Absence	249403	249403	0	NA
4018	Presence/Absence	42923	42923	0	NA
4019	Presence/Absence	5589	5589	0	NA
5027	Presence/Absence	8942	8942	0	NA
5042	Presence/Absence	2394	2394	0	NA

Table 8: Number of data entries by program - Colony Density

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
169	Colony Density	7475	34045	26570	NA
4019	Colony Density	540	540	0	NA
5042	Colony Density	886	2394	1508	NA

Table 9: Number of data entries by program - Colony Diameter

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
169	Colony Diameter	79707	80043	336	NA
3022	Colony Diameter	37151	37151	0	NA

Table 10: Number of data entries by program - Percent Cover

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
169	Percent Cover	9013	145775	136762	NA
295	Percent Cover	33627	183362	149735	NA
3022	Percent Cover	17789	17789	0	NA
3024	Percent Cover	350	12100	11750	NA
4018	Percent Cover	1476	1477	1	NA
5027	Percent Cover	7793	13847	6054	NA

CW

Table 11: Number of data entries by program - Percent Cover

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
620	Percent Cover	32	32	0	NA
651	Percent Cover	2567	2567	0	NA
906	Percent Cover	810	810	0	NA
3029	Percent Cover	43	67	24	NA
4017	Percent Cover	6365	13812	7447	NA

5009	Percent Cover	2911	2913	2	NA
5015	Percent Cover	70	70	0	NA

Table 12: Number of data entries by program - Stem Density

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
651	Stem Density	19	19	0	NA
906	Stem Density	71	71	0	NA
3029	Stem Density	142	151	9	NA
4017	Stem Density	644	1457	813	NA
5009	Stem Density	1113	1175	62	NA
5015	Stem Density	73	214	141	NA

Table 13: Number of data entries by program - Total/Canopy Percent Cover

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
3029	Total/Canopy Percent Cover	118	150	32	NA

## Nekton

Table 14: Number of data entries by program - Count

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
69	Count	90326	90457	131	NA
129	Count	82731	82812	81	NA
4043	Count	29255	296540	267285	NA

Table 15: Number of data entries by program - Presence/Absence

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
69	Presence/Absence	90457	90457	0	NA
129	Presence/Absence	82659	82659	0	NA
4043	Presence/Absence	295777	295777	0	NA

Table 16: Number of data entries by program - Standard Length

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
69	Standard Length	2042542	2042542	0	NA

## Oyster

Table 17: Number of data entries by program - Shell Height

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
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<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
4000	Shell Height	60458	60458	0	0.06
4012	Shell Height	2994	3811	817	0.06
4012	Shell Height	1607	1608	1	0.25
4012	Shell Height	41	45	4	1.00
4014	Shell Height	6813	6813	0	0.25
4016	Shell Height	2783	2790	7	0.06
4020	Shell Height	2500	2500	0	0.06
4042	Shell Height	4960	4961	1	NA
4044	Shell Height	20431	21724	1293	0.25
5007	Shell Height	56825	56840	15	0.25
5017	Shell Height	10275	10276	1	0.06
5035	Shell Height	28895	28895	0	0.06
5063	Shell Height	1060	1060	0	0.10
5070	Shell Height	3527	3527	0	0.25
5071	Shell Height	102	102	0	0.25
5072	Shell Height	1673	1673	0	NA
5073	Shell Height	595	595	0	1.00
5074	Shell Height	150	150	0	0.25
5075	Shell Height	403	403	0	0.06
10002	Shell Height	335854	335854	0	0.25

Table 18: Number of data entries by program - Density

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
972	Density	385	396	11	0.06
4000	Density	785	785	0	0.06
4012	Density	90	189	99	1.00
4014	Density	160	161	1	0.25
4020	Density	39	40	1	0.06
4042	Density	52	52	0	0.06
4042	Density	8	10	2	0.33
4042	Density	1	3	2	1.00
4044	Density	1213	2175	962	0.25
5007	Density	1066	1170	104	0.25
5017	Density	311	327	16	0.06
5063	Density	59	161	102	0.10
5073	Density	17	27	10	0.25
5073	Density	108	176	68	1.00
5074	Density	6	6	0	0.25
5075	Density	11	12	1	0.06

Table 19: Number of data entries by program - Number of Oysters Counted - Total

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
4000	Number of Oysters Counted - Total	785	785	0	0.06
4012	Number of Oysters Counted - Total	50	91	41	0.06
4012	Number of Oysters Counted - Total	10	20	10	0.25
4012	Number of Oysters Counted - Total	37	10	-27	NA

4014	Number of Oysters Counted - Total	13	13	0	0.25
4016	Number of Oysters Counted - Total	593	593	0	0.06
4042	Number of Oysters Counted - Total	193	193	0	0.06
4044	Number of Oysters Counted - Total	1372	2175	803	0.25
5007	Number of Oysters Counted - Total	1083	1170	87	0.25
5063	Number of Oysters Counted - Total	73	161	88	0.10
5073	Number of Oysters Counted - Total	11	11	0	0.25
5073	Number of Oysters Counted - Total	70	74	4	1.00
5074	Number of Oysters Counted - Total	12	12	0	0.25
5075	Number of Oysters Counted - Total	12	12	0	0.06

Table 20: Number of data entries by program - Percent Live

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
972	Percent Live	383	387	4	0.25
4000	Percent Live	1624	1628	4	1.00
4012	Percent Live	49	87	38	0.06
4012	Percent Live	9	11	2	0.25
4014	Percent Live	173	174	1	0.25
4016	Percent Live	497	593	96	1.00
4020	Percent Live	39	40	1	1.00
4042	Percent Live	49	49	0	1.00
4044	Percent Live	1213	1367	154	0.25
5007	Percent Live	1066	1066	0	0.25
5010	Percent Live	148	237	89	1.00
5017	Percent Live	343	358	15	1.00
5035	Percent Live	7	8	1	0.06
5074	Percent Live	12	12	0	0.25

Table 21: Number of data entries by program - Reef Height

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
4000	Reef Height	1254	1254	0	NA
4012	Reef Height	185	185	0	NA
4016	Reef Height	136	136	0	0.06
4020	Reef Height	60	60	0	0.25
4042	Reef Height	50	50	0	0.06
5010	Reef Height	56	56	0	1.00
5017	Reef Height	334	337	3	0.06
5035	Reef Height	8	8	0	0.06
5075	Reef Height	17	18	1	NA

Table 22: Number of data entries by program - Number of Oysters Counted - Dead

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
4012	Number of Oysters Counted - Dead	49	91	42	0.06
4012	Number of Oysters Counted - Dead	10	20	10	0.25
4012	Number of Oysters Counted - Dead	35	10	-25	NA

4014	Number of Oysters Counted - Dead	13	13	0	0.25
4016	Number of Oysters Counted - Dead	593	593	0	0.06
4042	Number of Oysters Counted - Dead	193	193	0	0.06
4044	Number of Oysters Counted - Dead	938	2175	1237	0.25
5007	Number of Oysters Counted - Dead	932	1170	238	0.25
5063	Number of Oysters Counted - Dead	68	161	93	0.10
5073	Number of Oysters Counted - Dead	22	25	3	0.25
5073	Number of Oysters Counted - Dead	85	148	63	1.00
5074	Number of Oysters Counted - Dead	6	6	0	0.25
5075	Number of Oysters Counted - Dead	11	12	1	0.06

Table 23: Number of data entries by program - Number of Oysters Counted - Live

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
4012	Number of Oysters Counted - Live	92	522	430	0.06
4012	Number of Oysters Counted - Live	13	30	17	0.25
4012	Number of Oysters Counted - Live	9	25	16	1.00
4012	Number of Oysters Counted - Live	425	10	-415	NA
4014	Number of Oysters Counted - Live	13	14	1	0.25
4016	Number of Oysters Counted - Live	497	593	96	0.06
4042	Number of Oysters Counted - Live	185	193	8	0.06
4044	Number of Oysters Counted - Live	1213	2175	962	0.25
5007	Number of Oysters Counted - Live	1066	1170	104	0.25
5017	Number of Oysters Counted - Live	311	327	16	0.06
5063	Number of Oysters Counted - Live	59	161	102	0.10
5073	Number of Oysters Counted - Live	17	27	10	0.25
5073	Number of Oysters Counted - Live	108	176	68	1.00
5074	Number of Oysters Counted - Live	6	6	0	0.25
5075	Number of Oysters Counted - Live	11	12	1	0.06

SAV

Table 24: Number of data entries by program - Percent Occurrence

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
3013	Percent Occurrence	107531	542419	434888	NA
3015	Percent Occurrence	1879	3724	1845	NA
3017	Percent Occurrence	28321	72839	44518	NA
10001	Percent Occurrence	3625	9672	6047	NA

Table 25: Number of data entries by program - Presence/Absence

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
296	Presence/Absence	10964	10964	0	NA
556	Presence/Absence	1652	1652	0	NA
557	Presence/Absence	2485	2485	0	NA
558	Presence/Absence	4485	4485	0	NA
559	Presence/Absence	665	665	0	NA

560	Presence/Absence	30072	33140	3068	NA
564	Presence/Absence	10065	10065	0	NA
565	Presence/Absence	27180	27180	0	NA
568	Presence/Absence	1768	1768	0	NA
570	Presence/Absence	19398	19398	0	NA
571	Presence/Absence	4495	4495	0	NA
572	Presence/Absence	1442	1442	0	NA
965	Presence/Absence	747950	747950	0	NA
978	Presence/Absence	60	60	0	NA
997	Presence/Absence	514	514	0	NA
3013	Presence/Absence	602335	602335	0	NA
3015	Presence/Absence	3724	3724	0	NA
3016	Presence/Absence	574	574	0	NA
3017	Presence/Absence	72838	72838	0	NA
4018	Presence/Absence	49202	49202	0	NA
4049	Presence/Absence	286964	301972	15008	NA
4065	Presence/Absence	4923	4923	0	NA
5027	Presence/Absence	37434	37434	0	NA
10001	Presence/Absence	9672	9672	0	NA

Table 26: Number of data entries by program - Braun Blanquet Score

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
296	Braun Blanquet Score	10972	10972	0	NA
557	Braun Blanquet Score	2493	2493	0	NA
565	Braun Blanquet Score	27205	27205	0	NA
570	Braun Blanquet Score	19374	19374	0	NA
571	Braun Blanquet Score	4492	4492	0	NA
965	Braun Blanquet Score	756816	756816	0	NA
997	Braun Blanquet Score	496	496	0	NA
3016	Braun Blanquet Score	574	574	0	NA
4018	Braun Blanquet Score	41551	41551	0	NA
4049	Braun Blanquet Score	286964	302823	15859	NA
4065	Braun Blanquet Score	5139	5139	0	NA
5027	Braun Blanquet Score	37707	37707	0	NA

Table 27: Number of data entries by program - Percent Cover

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
556	Percent Cover	770	1652	882	NA
558	Percent Cover	2064	4485	2421	NA
560	Percent Cover	3986	9750	5764	NA
564	Percent Cover	4789	10118	5329	NA
568	Percent Cover	664	1768	1104	NA
572	Percent Cover	436	1442	1006	NA
997	Percent Cover	477	516	39	NA
3013	Percent Cover	85059	463145	378086	NA
4018	Percent Cover	1476	1477	1	NA
5027	Percent Cover	9181	35275	26094	NA



Table 28: Number of data entries by program - Modified Braun  
Blanquet Score

<i>ProgramID</i>	<i>ParameterName</i>	<i>nOld</i>	<i>nNew</i>	<i>difference</i>	<i>QuadSize m2</i>
559	Modified Braun Blanquet Score	665	665	0	NA
560	Modified Braun Blanquet Score	43215	44201	986	NA
978	Modified Braun Blanquet Score	115	115	0	NA

## QAQC Flag Check

### Species

ParameterName	habitat	n high	n high flagged	n low	n low flagged
Colony Diameter	Coral	122	122	0	0
Colony Height	Coral	278	278	0	0
Colony Width	Coral	179	179	121	121
Count	Coral	8	0	0	0
Percent Cover	Coral	8458	8458	0	0
Colony Length	Coral	17	17	0	0
Colony Density	Coral	37	37	0	0
Stem Density	CW	9	9	0	0
Standard Length	Nekton	1990	1990	1423	1423
Count	Nekton	695	695	0	0
Number of Oysters Counted - Total	Oyster	7	7	0	0
Number of Oysters Counted - Live	Oyster	5	5	0	0
Number of Oysters Counted - Dead	Oyster	6	6	0	0
Shell Height	Oyster	574	574	493	493
Density	Oyster	6	6	0	0
Reef Height	Oyster	3	3	0	0
Percent Cover	SAV	44	44	0	0
Modified Braun Blanquet Score	SAV	1	1	5178	5178
Braun Blanquet Score	SAV	0	0	1	1
Percent Occurrence	SAV	2	2	0	0