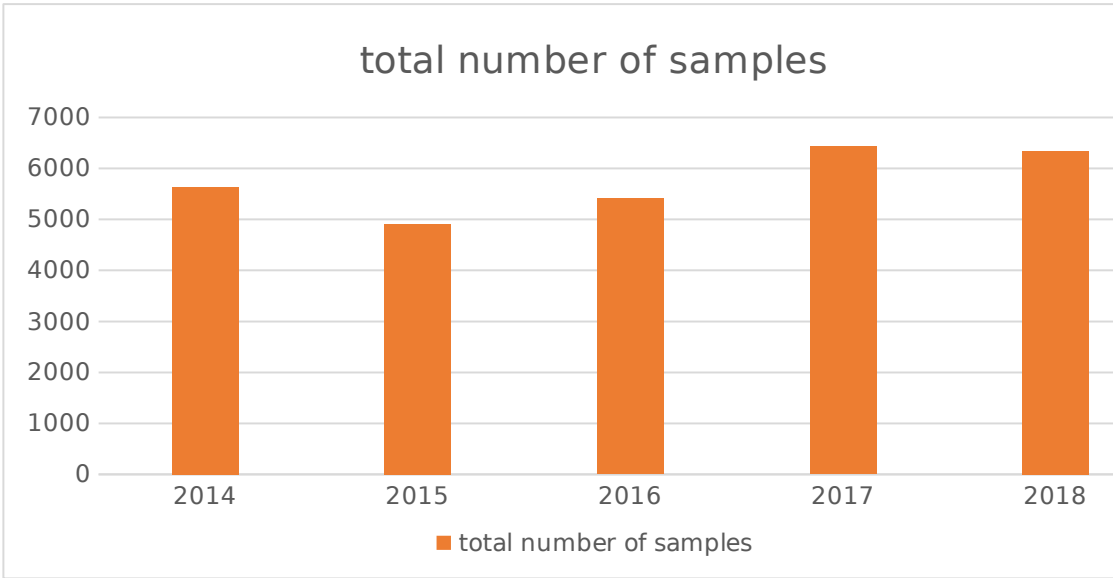
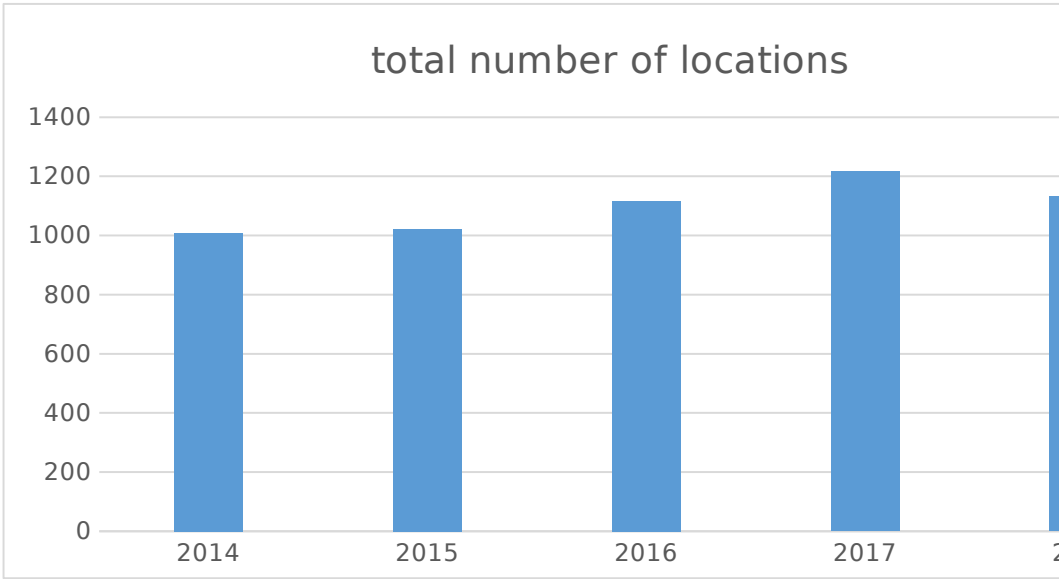


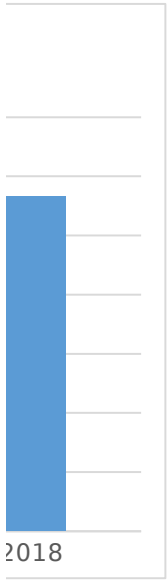
	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Ecology	777	693	674	584	587
fish	61	158	265	410	303
micro	171	172	178	222	242
total number of locations	1009	1023	1117	1216	1132

<b>Number of samples</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Ecology	<b>1947</b>	<b>1669</b>	<b>1625</b>	<b>1377</b>	<b>1327</b>
fish	61	158	265	410	303
micro	3620	3077	3519	4641	4714
total number of samples	5628	4904	5409	6428	6344

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
total number of locations	1009	1023	1117	1216	1132
total number of samples	5628	4904	5409	6428	6344

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summary by sample

Council Area	2014		
	fish	ecology	microbiology
<b>Aberdeen City</b>		<b>12</b>	61
Aberdeenshire		212	283
Angus	4	72	189
Argyll & Bute		140	193
City of Edinburgh		14	84
Clackmannanshire		7	0
Comhairle Nan Eilean Siar or Na H- Eileanan an Iar		35	0
Dumfries & Galloway		168	470
Dundee City		4	20
East Ayrshire		55	0
East Dunbartonshire		2	0
East Lothian	5	21	320
East Renfrewshire		11	0
Falkirk		20	0
Fife	3	70	482
Glasgow City		10	0
Highland	25	428	244
Inverclyde		4	21
Midlothian		16	0
Moray		58	121
North Ayrshire		22	274
North Lanarkshire		30	0
Orkney Islands		18	0
Perth & Kinross	13	96	0
Renfrewshire		23	0
Scottish Borders		125	175
Shetland Islands		19	0
South Ayrshire		42	321
South Lanarkshire		50	0
Stirling		92	0
West Dunbartonshire	9	12	0
West Lothian		59	0
<b>Not specified</b>	0	0	0
total for the year	59	1947	3258

chemistry	Total	2015				20	
		fish ecology	microbiology	chemistry	Total	fish ecology	
198	<b>271</b>		<b>14</b>	<b>58</b>	214	286	11
1430	<b>1925</b>	12	211	258	1468	1949	8 172
1012	<b>1277</b>	17	54	179	961	1211	60
604	<b>937</b>		54	181	530	765	63
241	<b>339</b>		28	75	222	325	21
146	<b>153</b>		16		131	147	13
392	<b>427</b>		43		300	343	14
1748	<b>2386</b>	12	132	497	1750	2391	168
48	<b>72</b>		6	18	45	69	4
647	<b>702</b>	3	61		468	532	31
80	<b>82</b>	3	13		95	111	15
546	<b>892</b>	1	33	281	472	787	20
23	<b>34</b>		3		19	22	4
195	<b>215</b>		18		187	205	20
973	<b>1528</b>		88	501	1020	1609	47 57
300	<b>310</b>		10		306	316	12
2165	<b>2862</b>	83	308	229	2399	3019	182 340
85	<b>110</b>			19	69	88	
145	<b>161</b>		20		140	160	16
511	<b>690</b>		44	111	661	816	8 52
428	<b>724</b>		21	258	416	695	19
398	<b>428</b>	3	32		289	324	38
190	<b>208</b>	2	4		154	160	36
736	<b>845</b>	3	101		706	810	9 90
250	<b>273</b>	3	9		249	261	8 16
673	<b>973</b>	2	103	123	539	767	3 72
65	<b>84</b>		17		69	86	13
555	<b>918</b>	7	51	287	499	844	45
426	<b>476</b>		29		377	406	64
422	<b>514</b>	3	88		386	477	70
129	<b>150</b>	1	2		123	126	5
467	<b>526</b>		56		468	524	64
691	<b>691</b>				767	767	
16919	<b>22183</b>	155	1669	3075	16499	<b>21398</b>	265 1625

2016			2017			
microbiology	chemistry	Total	fish	ecology	microbiology	chemistry
54	214	279		11	54	290
363	1536	2079	49	207	537	1987
227	895	1182		57	312	1077
184	591	838	141	54	139	540
77	242	340		14	80	272
	118	131		5		146
	353	367		34		330
490	1970	2628	40	91	509	2162
18	45	67		4	18	57
	359	390		23		650
	128	143		9		242
321	506	847		22	327	602
	12	16		2		41
	207	227		20		324
468	1043	1615		95	498	1403
	377	389		15		248
246	2813	3581	57	231	327	3441
19	65	84			19	63
	155	171		14		200
110	726	896		37	110	716
250	419	688		11	218	385
	289	327	3	46		499
	101	137		4		151
	676	775	54	89		906
	241	265		12		237
130	583	788	2	77	177	1165
	72	85		9		65
306	585	936	10	33	776	1154
	444	508		32		799
	460	530	46	73		669
	130	135		4		144
	479	543		42		638
	614	614				396
3263	17448	<b>22601</b>	402	1377	4101	21999

2018					
	fish	ecology	microbiology	chemistry	
Total					Total
355		14	58	304	376
2780	24	176	377	1864	2441
1446	20	53	192	893	1158
874	58	84	173	645	960
366		29	142	416	587
151		8		169	177
364		30		366	396
2802	23	136	807	2579	3545
79			18	69	87
673	20	28		604	652
251		6		258	264
951		23	399	699	1121
43		1		60	61
344		13		322	335
1996	10	90	505	1314	1919
263		8		320	328
4056	78	238	320	3109	3745
82		4	19	66	89
214		13		210	223
863	7	27	110	765	909
614		8	245	489	742
548		27		459	486
155	40	3		95	138
1049	42	116		885	1043
249		6		229	235
1421	20	59	244	1217	1540
74		12		65	77
1973	10	39	284	910	1243
831		25		1078	1103
788	3	31		641	675
148		4		163	167
680		16		612	628
396				429	429
<b>27879</b>	355	1327	3893	22304	<b>27879</b>

summary by location

Council Area	2014			
	fish	ecology	microbiology	chemistry
Aberdeen City		7	3	14
Aberdeenshire		69	15	158
Angus	4	27	10	104
Argyll & Bute		62	11	53
City of Edinburgh		6	4	19
Clackmannanshire		4	0	11
Comhairle Nan Eilean Siar or Na H- Eileanaich		16	0	48
Dumfries & Galloway		63	23	249
Dundee City		2	1	4
East Ayrshire		31	0	35
East Dunbartonshire		6	0	10
East Lothian	5	9	16	46
East Renfrewshire		7	0	2
Falkirk		9	0	14
Fife	3	33	23	90
Glasgow City		4	0	28
Highland	25	191	14	194
Inverclyde		2	1	6
Midlothian		5	0	13
Moray		23	6	59
North Ayrshire		5	13	29
North Lanarkshire		12	0	44
Orkney Islands		5	0	18
Perth & Kinross	13	49	0	81
Renfrewshire		10	0	23
Scottish Borders		42	7	68
Shetland Islands		4	0	10
South Ayrshire		10	19	49
South Lanarkshire		17	0	57
Stirling		29	0	46
West Dunbartonshire	9	6	0	8
West Lothian		12	0	45
Not specified				32
total per year	59	777	166	1667



<b>Total</b>	<b>2015</b>				<b>Total</b>
	<b>fish</b>	<b>ecology</b>	<b>microbiology</b>	<b>chemistry</b>	
<b>24</b>		<b>7</b>	<b>3</b>	15	<b>25</b>
<b>242</b>	12	64	16	158	<b>250</b>
<b>145</b>	17	26	10	102	<b>155</b>
<b>126</b>		34	11	41	<b>86</b>
<b>29</b>		6	4	21	<b>31</b>
<b>15</b>		9	0	11	<b>20</b>
<b>64</b>		15	0	39	<b>54</b>
<b>335</b>	12	71	25	160	<b>268</b>
<b>7</b>		3	1	4	<b>8</b>
<b>66</b>	3	28	0	33	<b>64</b>
<b>16</b>	3	9	0	11	<b>23</b>
<b>76</b>	1	14	17	47	<b>79</b>
<b>9</b>		3	0	2	<b>5</b>
<b>23</b>		9	0	15	<b>24</b>
<b>149</b>		34	25	98	<b>157</b>
<b>32</b>		6	0	29	<b>35</b>
<b>424</b>	83	147	15	208	<b>453</b>
<b>9</b>		0	1	4	<b>5</b>
<b>18</b>		7	0	14	<b>21</b>
<b>88</b>		16	6	66	<b>88</b>
<b>47</b>		11	13	29	<b>53</b>
<b>56</b>	3	24	0	33	<b>60</b>
<b>23</b>	2	1	0	16	<b>19</b>
<b>143</b>	3	47	0	79	<b>129</b>
<b>33</b>	3	3	0	20	<b>26</b>
<b>117</b>	2	33	7	66	<b>108</b>
<b>14</b>		6	0	10	<b>16</b>
<b>78</b>	7	14	15	37	<b>73</b>
<b>74</b>		10	0	46	<b>56</b>
<b>75</b>	3	28	0	40	<b>71</b>
<b>23</b>	1	2	0	9	<b>12</b>
<b>57</b>		6	0	47	<b>53</b>
<b>32</b>			0	30	<b>30</b>
<b>2669</b>	155	693	169	1540	<b>2557</b>

2016					2017		
fish	ecology	microbiology	chemistry	Total	fish	ecology	
	7	3	14	24		6	
8	62	23	211	304	49	61	
	31	14	100	145		26	
	31	11	49	91	141	26	
	5	4	21	30		5	
	9	0	10	19		4	
	7	0	41	48		16	
	77	27	196	300	40	59	
	2	1	4	7		2	
	21	0	34	55		17	
	11	0	13	24		8	
	7	19	44	70		8	
	5	0	1	6		3	
	9	0	17	26		12	
47	20	25	102	194		35	
	4	0	32	36		6	
182	148	17	276	623	57	110	
	0	1	3	4		1	
	7	0	13	20		5	
8	15	6	74	103		14	
	8	13	33	54		7	
	11	0	32	43	3	14	
	13	0	12	25		3	
9	44	0	78	131	54	32	
8	5	0	20	33		3	
3	36	7	72	118	2	35	
	4	0	9	13		3	
	11	16	61	88	10	12	
	23	0	51	74		8	
	29	0	45	74	46	27	
	2	0	8	10		5	
	10	0	57	67		11	
		0	35	35			
265	674	187	1768	2894	402	584	

microbiology chemistry		Total	fish	2018	
				ecology	microbiol
3	20	29		5	3
31	202	343	24	65	24
16	112	154	20	30	11
11	45	223	58	45	11
4	27	36		8	7
0	11	15		6	0
0	39	55		10	0
29	208	336	23	63	41
1	5	8		2	1
0	51	68	20	14	0
0	13	21		6	0
20	88	116		6	23
0	4	7		3	0
0	26	38		7	0
26	183	244	10	30	26
0	22	28		3	0
21	367	555	78	131	20
1	3	5		1	1
0	29	34		4	0
6	75	95	7	12	6
13	32	52		3	13
0	56	73		10	0
0	16	19	40	0	0
0	96	182	42	38	0
0	21	24		2	0
10	112	159	20	32	10
0	9	12		5	0
40	113	175	10	10	16
0	89	97		10	
0	63	136	3	14	
0	17	22		2	
0	62	73		7	
0	20	20			
232	2236	3454	355	584	213

**chemistry**

Total

26	34
206	319
101	162
49	163
45	60
12	18
43	53
229	356
6	9
45	79
19	25
71	100
5	8
25	32
123	189
21	24
309	538
3	5
32	36
99	124
36	52
47	57
12	52
100	180
17	19
107	169
11	16
82	118
108	118
63	80
14	16
57	64
22	22
<hr/> 2145	<hr/> 3297