

**COMMITTEE OF AGE READING EXPERTS**  
**AGE STRUCTURE EXCHANGE INVOICE**

EXCHANGE ID NO.	14-011	SPECIES	Black Rockfish
EXCHANGE YEAR	2014	AREA	Oregon
ORIGINATING AGENCY	ODFW	STRUCTURE	Otolith
COORDINATOR*	Kautzi	TECHNIQUE	Break & bake, Break & Burn
COOPERATOR(S)	Kautzi Rosenfeld	PURPOSE	Precision
DATE INITIATED	10/14/2014	SAMPLE n=	100
		NO. READERS	2

SPECIMEN NUMBER	CAPTURE DATE (MM/DD/YY)	AGENCY	AGENCY	AGENCY	AGENCY	AGENCY	ORIGINAL SAMPLE ID
		ODFW	WDFW				
1	15-Mar-10	5	5				RC101002
2	19-Apr-10	5	5				RC101002
3	15-Jun-10	25	24				RC101002
4	17-Jul-10	24	25				RC101002
5	29-Jun-10	4	5				RC101009
6	13-Oct-10	12	9				RC101020
7	07-Apr-10	7	7				RC102001
8	16-May-10	13	13				RC102001
9	06-Jun-10	16	16				RC102001
10	19-Jun-10	10	10				RC102009
11	04-Oct-10	9	10				RC102009
12	10-Jun-10	7	7				RC102017
13	17-Jun-10	9	9				RC102017
14	02-Jul-10	7	7				RC102017
15	08-Aug-10	10	9				RC102021
16	13-Sep-10	8	8				RC102021
17	03-Oct-10	7	6				RC102021
18	23-Apr-10	12	13				RC103002
19	15-May-10	5	5				RC103002
20	15-May-10	8	8				RC103002
21	06-May-10	8	8				RC103007
22	12-Jun-10	4	4				RC103036
23	25-Jun-10	8	8				RC103036
24	02-Jul-10	5	5				RC103038
25	02-Jul-10	9	8				RC103038
26	24-Sep-10	5	5				RC103044
27	18-Apr-11	5	5				RC113044
28	01-Apr-11	4	4				RC113001
29	09-Apr-11	5	5				RC113001
30	07-May-11	7	7				RC113001
31	07-May-11	9	7				RC113001
32	05-Jun-11	5	5				RC113002
33	01-May-11	6	7				RC113003

34	27-Aug-11	5	6				RC113055
35	25-Jun-11	14	14				RC111005
36	09-Oct-11	6	7				RC111025
37	06-Jun-11	7	8				RC111010
38	06-Jun-11	6	6				RC111010
39	02-Jul-11	17	19				RC111010
40	23-Jul-11	8	8				RC111010
41	10-Sep-11	5	6				RC111019
42	01-May-11	22	24				RC113024
43	17-Jul-11	10	10				RC113024
44	24-Jul-11	16	16				RC113024
45	24-Jul-11	20	21				RC113024
46	24-Jul-11	13	13				RC113024
47	20-Aug-11	10	11				RC113024
48	07-Mar-11	9	7				RC112001
49	07-May-11	7	6				RC112001
50	03-Jun-11	9	8				RC112001
51	10-Jun-11	14	11				RC112017
52	08-Aug-11	3	5				RC112017
53	5/2/2011	27	30				OR110128
54	5/6/2011	5	12				OR110129
55	6/9/2011	14	15				OR110132
56	6/9/2011	7	8				OR110132
57	9/15/2011	15					OR110586
58	12/7/2011	9	11				OR110587
59	12/7/2011	5	5				OR110587
60	12/7/2011	10	11				OR110587
61	4/17/2011	5	5				OR110848
62	4/22/2011	8	9				OR110863
63	5/1/2011	7	6				OR110867
64	6/12/2011	8	7				OR110916
65	10/20/2011	8	9				OR111178
66	10/20/2011	3	4				OR111178
67	10/20/2011	7	7				OR111178
68	4/27/2011	6	6				OR112275
69	4/27/2011	25	19				OR112276
70	7/18/2011	12	10				OR112875
71	8/3/2011	12	14				OR112940
72	10/17/2011	6	6				OR113002
73	3/7/2011	5	5				OR113335
74	4/12/2011	18	17				OR113432
75	9/6/2011	13	14				OR114211
76	9/20/2011	11	14				OR114260
77	9/20/2011	3	3				OR114268
78	5/7/2012	7	7				OR114268

79	5/7/2012	8	9				OR120176
80	5/7/2012	7	9				OR120176
81	6/5/2012	9	11				OR120178
82	6/12/2012	13	13				OR120179
83	6/12/2012	20	22				OR120179
84	5/20/2012	8	8				OR120898
85	8/16/2012	8	9				OR121059
86	9/18/2012	6	7				OR121128
87	7/13/2012	11	14				OR120321
88	9/2/2012	4	5				OR120367
89	8/26/2012	6	7				OR120370
90	9/20/2012	8	8				OR120385
91	6/12/2012	5	5				OR123613
92	10/7/2012	8	10				OR121135
93	10/7/2012	8	11				OR121135
94	10/7/2012	6	7				OR121135
95	7/31/2012	7	7				OR121009
96	9/17/2012	20					OR121117
97	7/17/2012	5	5				OR122753
98	9/13/2012	9	10				OR122923
99	10/25/2012	6	9				OR123042
100	10/5/2012	6	7				OR120397
101	10/6/2012	6	7				OR120398
102	9/18/2012	9	9				OR121128

.

USE AND USER INFO: A CARE member initiates an exchange by requesting an Exchange Id number from the CARE Age Structure Exchange Coordinator (CARE Vice Chair). The CARE member conducts and completes the exchange and submits this completed invoice to the Coordinator.

<b>PRECISION STATISTICS</b>			
AVERAGE % ERROR	5.04	INDEX OF PRECISION	
COEFFICIENT OF VARIATION	7.13	%AGREEMENT	43
		% +/- 1 yr	79
		% +/- 2 yr	91