

OREGON DEPARTMENT OF FISH AND WILDLIFE  
 1998 Sport Fishing Catch - **Steelhead**  
 Expanded numbers by month

Data summarized by calendar year

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Coastal River Systems</b>														
21	ALSEA R & BAY	166	33	3	-	-	-	3	3	6	15	27	196	452
22	N FK ALSEA	337	169	42	-	-	9	3	-	3	3	3	268	837
23	S FK ALSEA	3	27	6	-	-	-	-	-	-	6	-	-	42
24	APPLEGATE R	15	39	72	-	-	-	-	-	-	-	3	3	132
25	BEAVER CR (LINC CO)	-	-	-	-	-	-	-	-	-	-	-	-	-
26	BEAVER CR (TILL CO)	-	3	-	-	-	-	-	-	-	-	-	-	3
27	BIG CR (LANE CO)	6	-	-	-	-	-	-	3	6	3	3	-	21
28	BIG ELK CR (YAQUINA R)	48	9	6	-	-	-	3	3	-	9	-	18	96
29	BRUSH CR (CURRY CO)	-	6	-	-	-	-	-	-	9	24	15	-	54
30	CAPE CR	3	3	-	-	-	-	-	-	-	-	-	-	6
31	CHETCO R & BAY	169	304	283	-	3	-	-	-	-	6	-	84	849
32	COOK CR (NEHALEM R)	-	-	9	-	-	-	-	-	-	-	-	-	9
33	COOS R & BAY	6	21	15	9	3	-	-	-	-	3	-	6	63
34	S FK COOS	39	117	81	-	-	-	-	-	3	-	-	66	307
35	COQUILLE R & BAY	54	72	18	-	-	-	-	-	12	3	6	18	184
36	N FK COQUILLE	72	90	27	-	-	-	-	-	-	-	-	39	229
37	E FK COQUILLE	123	181	39	-	-	-	-	-	-	-	-	45	388
38	S FK COQUILLE	72	184	280	-	-	-	-	3	3	21	3	139	705
39	MID FK COQUILLE	-	-	-	-	-	-	-	-	-	-	-	-	-
40	CUMMINS CR	-	-	-	-	-	-	-	-	-	-	-	-	-
41	DEVILS LK	-	-	-	-	-	-	-	3	-	-	-	-	3
42	DEADWOOD CR (SIUSLAW R)	-	-	-	-	-	-	-	-	-	-	-	-	-
43	DRIFT CR (ALSEA R)	-	-	-	-	-	-	-	-	-	3	-	-	3
44	DRIFT CR (SILETZ R)	-	-	-	-	-	-	-	-	-	3	6	-	9
45	EEL CR & LAKE	-	-	3	-	-	-	-	-	-	-	-	-	3
46	ELK CR (CLATSOP CO)	-	-	6	-	3	-	-	-	-	-	-	3	12
47	ELK R	12	42	39	-	-	-	-	-	-	-	-	6	99

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
48	EUCHRE CR	-	-	-	-	-	-	-	-	-	6	3	-	9
49	FALL CR (ALSEA R)	42	27	6	-	-	-	-	-	-	3	-	27	105
50	FIVE R (ALSEA R)	-	-	-	-	-	-	-	-	-	-	-	-	-
51	FLORAS CR & LK	-	-	6	-	-	3	-	-	-	-	-	6	15
52	COW CREEK	3	3	-	-	-	-	-	-	-	-	-	-	6
53	FOURMILE CR (COOS CO)	-	-	-	-	-	-	-	-	-	-	-	-	-
54	HUNTER CR	-	-	3	-	-	-	-	-	-	-	-	-	3
55	ILLINOIS R	-	-	-	-	-	-	-	-	-	-	-	-	-
56	INDIAN CR (SIUSLAW R)	-	-	-	-	-	-	-	-	-	-	-	-	-
57	KILCHIS R	27	3	-	-	-	-	-	-	-	-	18	30	78
58	LAKE CR (SIUSLAW R)	54	33	24	-	-	-	-	-	-	9	12	21	154
59	LOBSTER CR (ALSEA R)	3	-	-	-	-	-	-	-	-	-	-	3	6
60	MIAMI R	-	-	-	-	-	-	-	-	-	-	3	-	3
61	MIDDLE CR (COQUILLE R)	3	-	-	-	-	-	-	-	-	-	-	-	3
62	MILLICOMA R	3	3	3	-	-	-	-	-	-	-	-	6	15
63	E FK MILLICOMA	57	39	24	-	-	-	-	-	-	-	3	48	172
64	W FK MILLICOMA	96	66	30	-	-	-	-	-	-	-	-	75	268
65	NECANICUM R	232	84	12	-	3	-	-	-	-	-	6	108	446
66	NEHALEM R & BAY BELOW HWY 26/ELSIE	9	3	6	6	-	-	-	-	6	6	-	-	36
67	N FK NEHALEM	473	142	21	-	-	-	-	9	-	18	3	304	970
68	MUNSEL L	-	-	-	-	3	-	-	-	-	-	-	3	6
69	NESTUCCA R & BAY	187	48	27	9	27	142	163	54	30	33	30	151	900
70	LITTLE NESTUCCA	6	-	3	-	-	6	-	6	-	-	-	6	27
71	PISTOL R	6	6	9	-	-	-	-	-	-	-	-	-	21
72	ROCK CR (LANE CO)	-	-	-	-	-	-	-	-	-	-	-	-	-
73	ROCK CR (NEHALEM)	-	-	-	-	-	-	-	-	-	-	-	-	-
74	ROCK CR (SILETZ R)	-	-	-	-	-	-	-	-	-	-	-	-	-
75	SOAPSTONE CR	-	-	-	-	-	-	-	-	-	-	-	-	-
76	LOWER ROGUE RIVER & BAY	-	-	-	-	-	-	-	-	-	-	-	-	-
77	SALMON R (COAST)	15	3	-	3	-	3	3	3	9	24	3	9	75
78	SALMONBERRY R	-	-	-	15	-	3	-	-	-	-	-	-	18
79	SAND LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-
80	SCHOONER CR (SILETZ R)	-	-	-	-	-	-	-	-	-	-	-	-	-

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
81	SILETZ R & BAY	96	247	662	117	108	358	355	154	160	696	108	108	3,170
82	N FK SILETZ	3	15	9	-	-	6	-	21	12	39	48	18	172
83	S FK SILETZ	3	6	15	3	-	-	-	9	-	9	3	9	57
84	SILTCOOS R & LK	-	-	-	-	3	-	-	-	-	-	-	3	6
85	SIUSLAW R & BAY	72	54	81	-	-	-	-	-	-	-	-	24	232
86	N FK SIUSLAW	-	-	-	-	-	-	-	-	-	-	-	3	3
87	SIXES R	3	30	54	-	-	-	-	-	-	9	-	6	102
88	SLICK ROCK CR (SALMON R)	-	-	-	-	-	-	-	-	-	-	-	-	-
89	SMITH R	45	27	12	-	-	-	-	-	-	-	-	24	108
90	N FK SMITH	6	12	24	-	-	-	-	-	-	-	-	-	42
91	SUTTON CR & LK	-	-	-	-	-	-	-	-	-	-	-	-	-
92	SWEET CR (SIUSLAW R)	-	-	-	-	-	-	-	-	-	-	-	-	-
93	TAHKENITCH CR & LK	12	-	-	-	-	-	-	-	-	-	-	-	12
94	TENMILE CR & LK (COOS CO)	12	-	3	-	-	-	-	-	-	-	-	12	27
95	TENMILE CR (LANE CO)	3	-	3	-	-	-	-	-	-	-	-	-	6
96	THREE R	473	96	15	3	12	-	3	-	9	60	48	346	1,066
97	TILLAMOOK BAY	3	-	6	-	3	-	-	-	3	6	3	-	24
98	TILLAMOOK R	-	-	-	-	-	-	-	-	-	3	-	9	12
99	TRASK R	24	18	12	-	3	3	3	3	-	21	3	27	117
100	N FK TRASK	-	-	-	-	-	-	-	6	-	3	6	-	15
101	S FK TRASK	-	3	-	-	-	-	-	-	-	-	-	-	3
102	UMPQUA R & BAY	560	434	214	33	12	42	24	15	27	66	69	370	1,867
103	N FK UMPQUA BELOW WINCHESTER DAM	18	45	42	12	12	57	57	6	12	12	12	30	316
104	S FK UMPQUA	18	60	54	3	-	-	-	-	-	3	-	45	184
105	WILSON R	154	169	45	18	6	27	63	114	69	87	48	223	1,024
106	S FK. WILSON R.	-	-	-	-	-	-	-	-	-	-	-	-	-
107	LITTLE N FK (WILSON)	-	3	3	-	-	-	-	-	-	-	-	-	6
108	WINCHUCK R	21	9	12	-	-	-	-	3	-	-	-	9	54
109	WOAHINK LK	-	-	-	-	-	-	12	-	-	-	-	-	12
110	YACHATS R	3	9	3	-	-	3	-	-	-	-	-	-	18
111	YAQUINA R & BAY	3	-	-	-	-	-	-	-	6	6	3	6	24
194	TIOGA CR	-	-	-	-	-	-	-	-	-	-	-	-	-
201	N FK UMPQUA-WINCHESTER DAM TO ROCK CR	87	166	132	75	21	184	617	160	325	449	470	316	3,002

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
204	NEHALEM R ABOVE HWY 26/ELSIE	-	-	-	-	-	-	-	-	-	-	-	3	3
206	CALAPOOYA CR (UMPQUA R)	-	-	-	-	-	-	6	3	-	-	-	15	24
207	LITTLE R (N UMPQUA R)	-	-	-	-	-	-	-	-	-	-	-	-	-
219	N FK UMPQUA FROM ROCK CR TO SODA SPR (FLY AREA)	6	-	6	-	-	-	39	54	66	39	3	-	214
224	NESKOWIN CR	-	-	-	-	-	-	-	-	-	-	-	-	-
225	ROGUE BAY UP TO ELEPHANT ROCK	3	9	18	3	3	3	9	9	42	3	9	12	123
226	ROGUE R FROM ELEPHANT ROCK TO GRAVE CR	241	488	310	21	9	3	15	30	120	139	24	72	1,472
227	ROGUE R FROM GRAVE CR TO GOLD RAY DAM	30	111	277	90	12	-	3	18	45	111	45	99	843
228	ROGUE R ABOVE GOLD RAY DAM	21	18	145	316	6	18	57	102	111	226	223	163	1,406
240	ISTHMUS SLOUGH	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b><i>Columbia River &amp; Tributaries</i></b>													
112	ABERNATHY CR (CLACK R)	-	6	-	-	-	-	-	-	-	-	-	-	6
113	ABIQUA CR (PUDDING R)	-	-	-	-	-	-	-	-	-	-	-	-	-
114	BEAR CR (CLATSOP CO)	-	-	-	-	-	-	3	-	-	-	-	-	3
115	BEAVER CR (COL CO)	3	-	-	-	-	-	-	-	-	-	-	6	9
116	BIG CR (CLATSOP CO)	63	45	15	-	3	-	3	3	-	-	-	36	169
117	BULLRUN R	-	-	-	-	-	-	-	-	-	3	24	3	30
118	BUTTE CR (PUDDING R)	-	-	-	-	-	-	-	-	-	-	-	-	-
119	CALAPOOIA R	-	-	-	-	-	-	-	-	-	-	-	-	-
120	CATHERINE CR	-	3	33	33	-	-	-	-	-	-	-	-	69
121	CHENOWETH CR	-	-	-	-	-	-	-	-	-	-	-	-	-
122	CLACKAMAS R BELOW CARVER BRIDGE	99	120	148	139	160	223	108	33	18	24	18	157	1,247
123	CLATSKANIE R	6	6	3	-	-	-	-	-	3	-	-	-	18
124	CLEAR CR (CLACK R)	-	-	-	-	-	-	-	-	-	-	-	-	-
125	COLLOWASH RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-
126	HOT SP FK COLLOWASH RV	-	-	-	-	-	-	-	-	-	-	-	-	-
127	LOWER COLUMBIA RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-
128	UPPER COLUMBIA RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
129	CRABTREE CR (SANTIAM R)	-	-	-	-	-	-	-	-	-	-	-	-	-
130	DEEP CR (CLACK R)	-	15	-	-	-	-	-	-	-	3	-	-	18
131	DESCHUTES R BELOW SHERARS FALLS	30	30	12	-	6	6	105	211	277	614	123	21	1,436
132	EAGLE CR (CLACK R)	178	214	69	9	6	9	-	-	3	6	9	54	557
133	EAGLE CR (COLUMBIA R)	3	-	12	6	-	3	6	-	21	12	-	-	63
134	FALL CR (WILLAMETTE R)	-	3	-	-	-	-	-	18	3	-	-	-	24
135	FIFTEEN MILE CR	-	-	-	-	-	-	-	-	-	-	-	-	-
136	FOSTER RESERVOIR	-	-	-	-	-	-	-	-	-	-	-	-	-
137	GALES CR (TUALATIN R)	3	18	6	3	-	-	-	-	-	-	3	-	33
138	GNAT CR	24	12	3	-	-	-	3	-	-	3	-	42	87
139	MOSBY CR. (WILL R CST FK)	-	-	-	-	-	-	-	-	-	-	-	-	-
140	HERMAN CR (COL R)	-	-	-	-	-	-	-	96	15	6	-	-	117
141	LOST CR (WILL R MID FK)	-	-	-	-	-	-	-	-	-	-	-	-	-
142	E FK HOOD	-	3	-	-	-	-	-	-	-	3	-	-	6
143	W FK HOOD	3	6	6	-	-	-	-	-	-	-	-	-	15
144	IMNAHA R	30	102	229	229	-	-	-	-	-	30	18	-	638
145	JOHN DAY R	3	-	3	3	-	3	-	-	3	15	12	3	45
146	MID FK JOHN DAY	-	-	-	-	-	-	-	3	-	-	-	-	3
147	N FK JOHN DAY	9	24	12	15	-	-	-	-	3	-	3	3	69
148	JOHNSON CR (WILL R)	-	-	-	-	3	-	-	-	-	-	3	-	6
149	BIG SHEEP CR-MOUTH TO LITTLE SHEEP CR	-	-	-	-	-	-	-	-	-	-	-	-	-
150	KNAPPA/BLIND SLOUGHS	-	-	-	-	-	-	-	-	-	-	-	-	-
151	KLASKANINE R	9	3	-	-	-	3	-	-	3	-	-	3	21
152	N FK KLASKANINE	12	3	-	-	-	-	-	-	-	-	-	27	42
153	S FK KLASKANINE	-	-	-	-	-	-	3	-	-	-	-	-	3
154	LEWIS & CLARK R	-	6	-	-	-	3	-	-	-	-	-	-	9
155	MCKENZIE R (BELOW LEABURG DAM)	9	3	-	-	12	105	117	51	54	148	57	3	560
156	LUCKIAMUTE & LITTLE LUCKIAMUTE R	-	-	-	-	-	-	-	-	-	-	-	-	-
157	MARYS R	-	-	-	-	-	-	-	-	3	-	3	-	6
158	MCKENZIE R (ABOVE LEABURG DAM)	3	-	-	3	-	-	6	3	-	3	-	-	18

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
159	MILL CR (MARION CO)	-	-	-	-	-	-	-	-	-	-	-	-	-
160	MILL CR (WASCO CO)	-	-	-	-	-	-	-	-	-	-	-	-	-
161	MILL CR (YAMHILL CO)	-	-	-	-	-	3	-	-	-	-	-	-	3
162	MILTON CR (COL CO)	3	-	-	-	-	-	-	-	-	-	-	-	3
163	MINAM RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-
164	MOLALLA R	21	15	39	66	96	205	78	15	42	96	27	15	717
165	RICKREALL CR	-	-	-	-	-	3	-	-	-	-	-	-	3
166	PUDDING R	-	3	-	-	-	-	-	6	-	-	-	-	9
167	SALMON R (SANDY R)	-	3	3	-	15	48	48	39	9	24	27	18	235
168	SANDY R FROM MOUTH TO REVENUE BRIDGE	157	108	84	63	72	69	12	6	15	48	9	151	795
169	SANTIAM R	3	12	12	33	27	126	75	48	27	15	3	3	385
170	N FK SANTIAM	6	27	15	111	199	563	349	190	187	84	63	21	1,816
171	LITTLE N FK SANTIAM	-	-	3	6	-	3	-	-	3	36	39	12	102
172	S FK SANTIAM	-	-	15	93	151	900	915	250	126	51	3	6	2,511
173	SCAPPOOSE CR	-	-	-	-	-	6	-	-	-	-	-	-	6
174	N FK SCAPPOOSE	-	-	3	-	-	-	-	-	-	-	-	-	3
175	S FK SCAPPOOSE	-	-	-	-	3	-	-	-	-	-	-	-	3
176	SNAKE R	163	60	81	-	3	-	-	-	18	108	145	96	674
177	SUCKER CR	-	-	-	-	-	-	-	-	-	-	-	-	-
178	TANNER CR	-	3	-	-	-	-	6	-	-	-	-	-	9
179	THOMAS CR (SANT)	-	-	-	-	-	-	-	-	-	-	-	-	-
180	TUALATIN R	-	3	3	3	-	-	-	-	-	-	-	-	9
181	UMATILLA R	-	-	-	-	-	-	-	-	-	-	-	-	-
182	WALLA WALLA R	-	6	-	3	-	-	-	-	-	-	-	-	9
183	SPRINGFIELD MILL RACE	-	-	-	-	-	-	-	-	-	-	-	-	-
184	WENAH R	-	-	-	6	-	-	-	-	-	-	-	-	6
185	WILLAMETTE R & SLOUGH BELOW OR CITY FLLS	114	24	39	63	87	48	27	3	12	3	3	145	569
186	WILLAMETTE R ABOVE OR CITY FALLS	-	6	18	42	27	33	-	3	3	-	3	6	142
187	ALTON BAKER CANOE CANAL	-	-	-	-	-	-	-	-	-	-	-	-	-
188	MID FK WILL	-	3	6	21	15	45	54	15	6	90	51	-	307
189	WILLAMINA CR	-	-	-	-	-	-	-	-	-	-	-	-	-
190	YAMHILL R	-	-	-	-	-	-	-	-	-	-	-	-	-

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
191	N FK YAMHILL	-	-	-	-	-	-	-	-	-	-	-	-	-
192	S FK YAMHILL	-	-	-	-	-	-	-	-	-	-	-	-	-
193	YOUNGS R & BAY	-	-	-	-	-	-	-	-	-	-	-	-	-
195	SILVER CR	-	-	-	-	-	-	-	-	-	-	-	-	-
196	PLYMPTON CR	-	-	-	-	-	-	-	-	-	-	-	-	-
200	UPPER ROGUE RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-
202	CLACKAMAS R SYSTEM ABOVE NO FK DAM	3	3	-	-	3	12	105	111	99	126	39	-	503
203	DESCHUTES R ABOVE SHERARS FALLS	36	24	3	-	-	-	-	12	190	605	310	172	1,352
205	SANDY R FROM REVENUE BRIDGE TO SALMON R	-	6	6	6	-	42	75	9	12	9	12	12	190
208	JOHN DAY ARM	111	3	-	-	-	3	-	3	6	310	313	69	819
209	L FALL CR (WILLAMETTE)	-	-	-	-	6	-	-	6	-	-	-	3	15
210	COAST FK WILL	-	-	-	-	-	-	-	-	-	-	-	3	3
211	COLUMBIA R MAINSTEM--BUOY 10 TO TONGUE PT	-	-	-	-	-	15	9	66	12	3	9	-	114
212	COLUMBIA R MAINSTEM-- TONGUE PT TO LONGVIEW BRIDGE	-	-	3	-	202	355	123	102	45	3	-	-	834
213	COLUMBIA R MAINSTEM-- LONGVIEW BRIDGE TO I-5 BRIDGE	27	-	6	-	69	78	250	548	223	12	6	6	1,225
214	COLUMBIA R MAINSTEM--I-5 BRIDGE TO BONNEVILLE DAM	-	-	-	-	-	-	196	310	220	27	3	-	756
215	COLUMBIA R MAINSTEM-- BONNEVILLE DAM TO THE DALLES	3	3	6	3	-	3	93	301	223	48	15	21	720
216	COLUMBIA R MAINSTEM--THE DALLES DAM TO JOHN DAY DAM	87	30	39	3	-	-	39	99	96	205	54	24	677
217	COLUMBIA R MAINSTEM--JOHN DAY DAM TO MCNARY DAM	54	48	102	3	-	-	-	24	123	190	286	99	930
218	COLUMBIA R MAINSTEM-- MCNARY DAM TO STATELINE	27	9	6	-	-	-	-	-	3	220	325	160	750
220	LONG TOM	-	-	-	-	-	-	-	-	-	3	-	-	3
221	ROW R	-	-	-	-	-	-	3	-	-	-	-	-	3

Code	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
222	WILEY CR (S SANTIAM)	-	-	-	-	-	-	-	-	12	-	-	-	12
223	BLUE R (MCKENZIE)	-	-	3	3	-	-	-	-	-	-	-	-	6
229	HOOD R	9	21	114	126	81	75	30	12	15	99	72	60	717
230	HOOD R ABOVE POWERDALE DAM	-	3	12	-	-	-	3	-	-	21	-	-	39
231	GRANDE RONDE R FROM STATELINE TO WILDCAT BRIDGE	172	524	394	9	-	-	-	-	6	60	72	108	1,346
232	GRANDE RONDE R FROM WILDCAT BRIDGE TO ISLAND CITY BRIDGE	6	96	157	57	-	-	-	-	-	-	3	9	328
233	GRANDE RONDE R ABOVE ISLAND CITY BRIDGE	-	9	66	123	-	-	-	-	-	3	-	-	202
234	WALLOWA R MOUTH TO MINAM STATE PARK	21	322	674	313	-	-	-	-	-	-	-	-	1,331
235	WALLOWA R ABOVE MINAM STATE PARK	3	120	1,316	665	-	-	-	-	-	-	-	3	2,108
236	UMATILLA R BELOW THREE-MILE DAM	24	12	12	3	3	-	-	-	3	21	21	3	102
237	UMATILLA R ABOVE NOLIN	6	48	15	3	-	-	-	-	-	12	3	-	87
238	JOHN DAY R BELOW COTTONWOOD BRIDGE	9	6	3	-	-	-	-	-	27	271	120	-	437
239	JOHN DAY R ABOVE COTTONWOOD BRIDGE	-	6	12	-	-	-	-	-	-	3	18	-	39
241	LOOKINGGLASS CR	-	-	-	-	-	-	-	-	-	-	-	-	-
242	POWDER R	-	-	-	-	-	-	-	-	-	-	-	-	-
243	UMATILLA R THREE-MILE DAM TO NOLIN	-	-	-	-	-	-	-	-	-	-	-	-	-
244	SANDY R ABOVE SALMON R	-	-	-	-	-	-	-	-	-	-	-	-	-
245	CLACK R.-CARVER BR. TO BAKERS FERRY RD	-	-	-	-	-	-	-	-	-	-	-	-	-
246	CLACK R-BAKERS FERRY RD TO RVR MILL DAM	-	-	-	-	-	-	-	-	-	-	-	-	-
247	CLACK R-RIVER MILL DAM TO CAZADERO DAM	-	-	-	-	-	-	-	-	-	-	-	-	-
250	JOHN DAY R (CLATSOP CTY)	-	-	-	-	-	-	-	-	-	-	-	-	-