

#### **APPENDIX A4: Q RATIOS USED IN CSA**

Survey Year	sr/sn
1984	0.878
1985	0.891
1986	0.929
1987	1.000
1988	0.727
1989	0.925
1990	0.953
1991	1.000
1992	1.000
1993	1.000
1994	0.838
1995	1.000
1996	0.998
1997	0.925
1998	0.917
1999	0.950
2000	1.000
2001	0.923
2002	1.000
2003	0.852
2004	0.715
2005	0.628
2006	0.911

Selectivity ratio of recruits/post recruits used in the current CSA analyses.