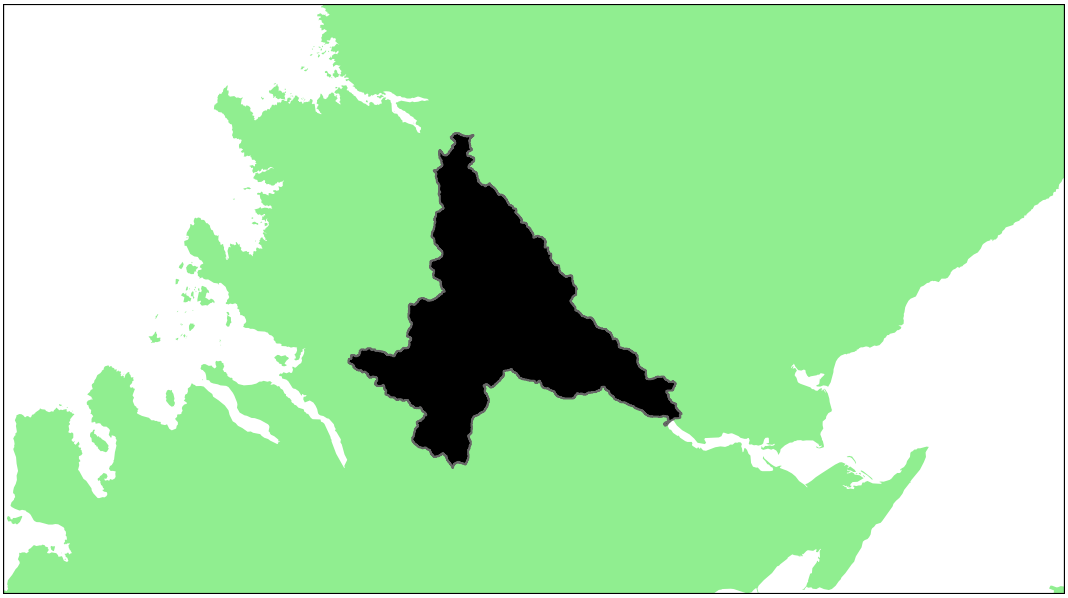
North Region

River Oykel SAC: Grade 1



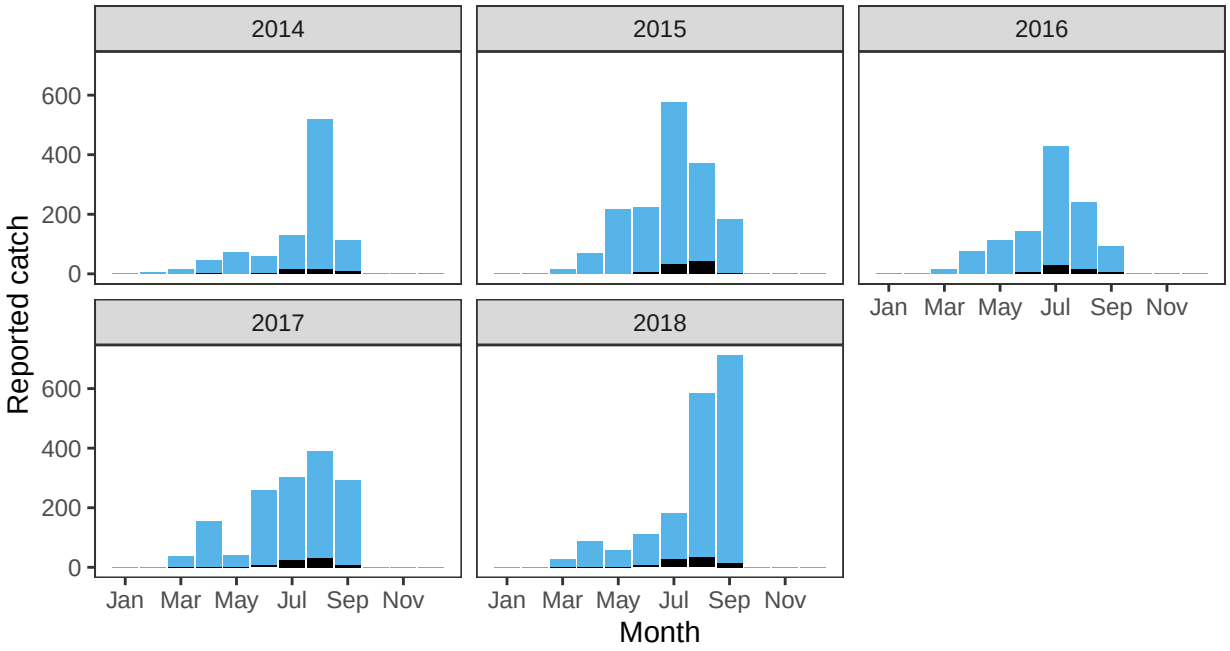
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.61	2,322,200	6,053,392	91.52	97.24	95.58	96.52	96.82	95.54	1

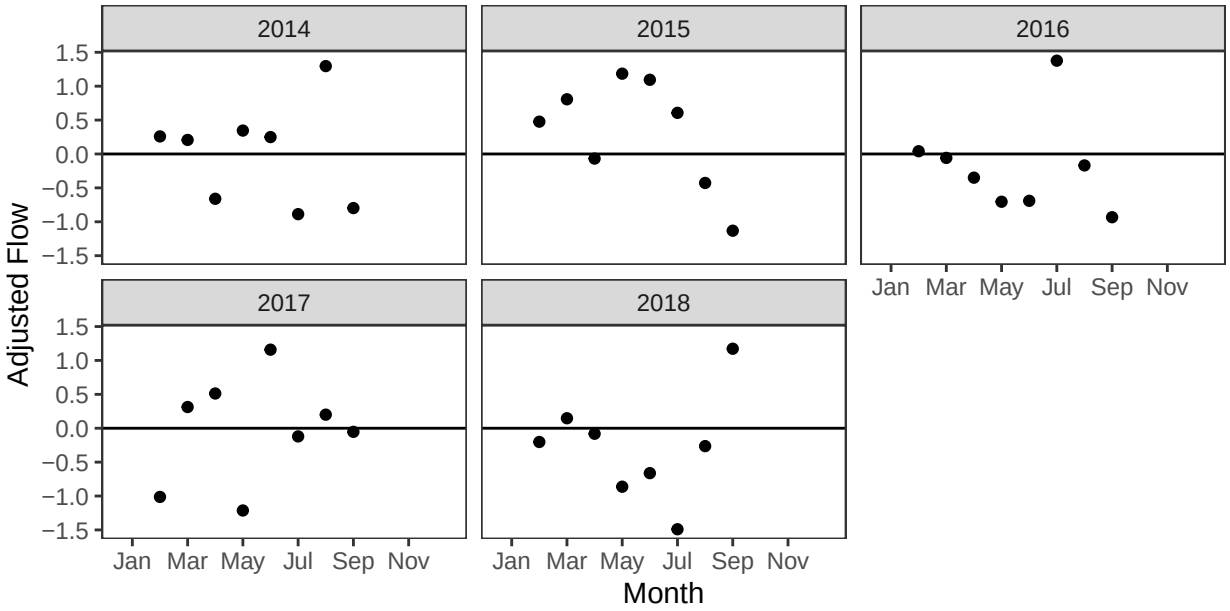
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

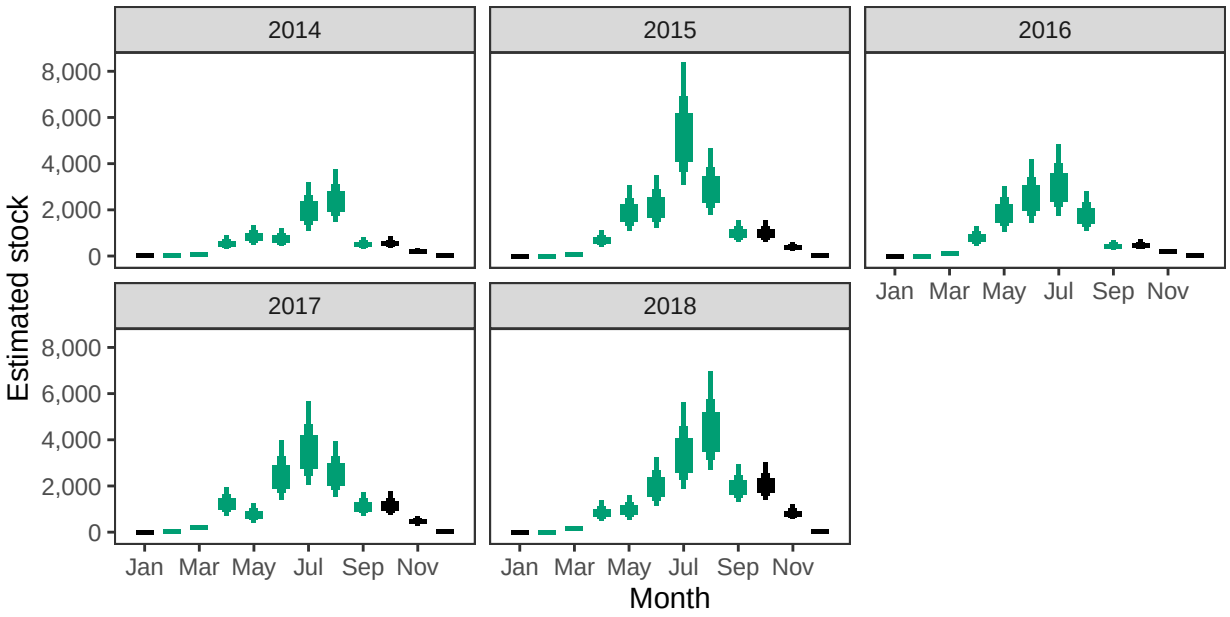
Reported Catches (black = retained, blue = released)



Monthly flow data

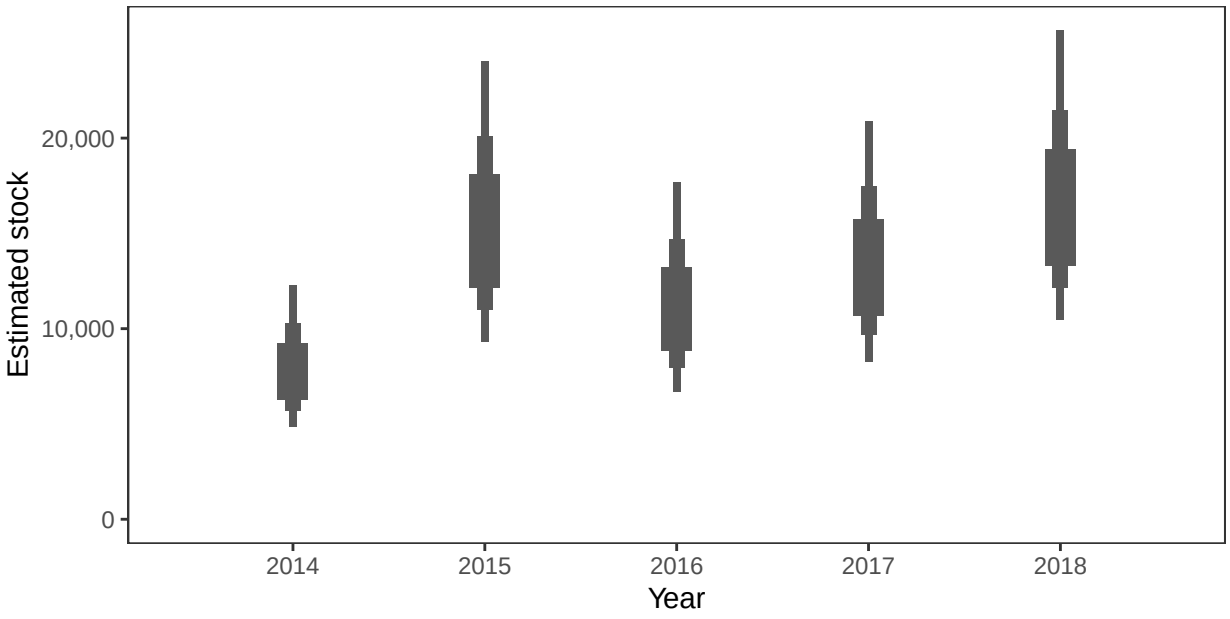


Monthly stock estimates (out of season in black)



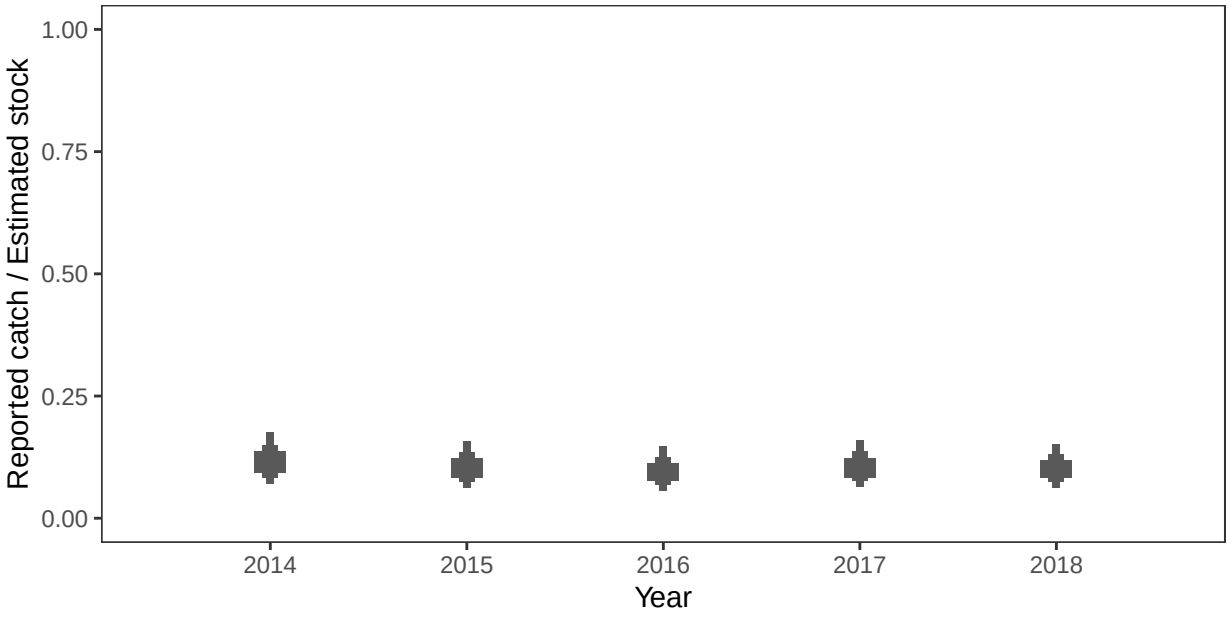
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

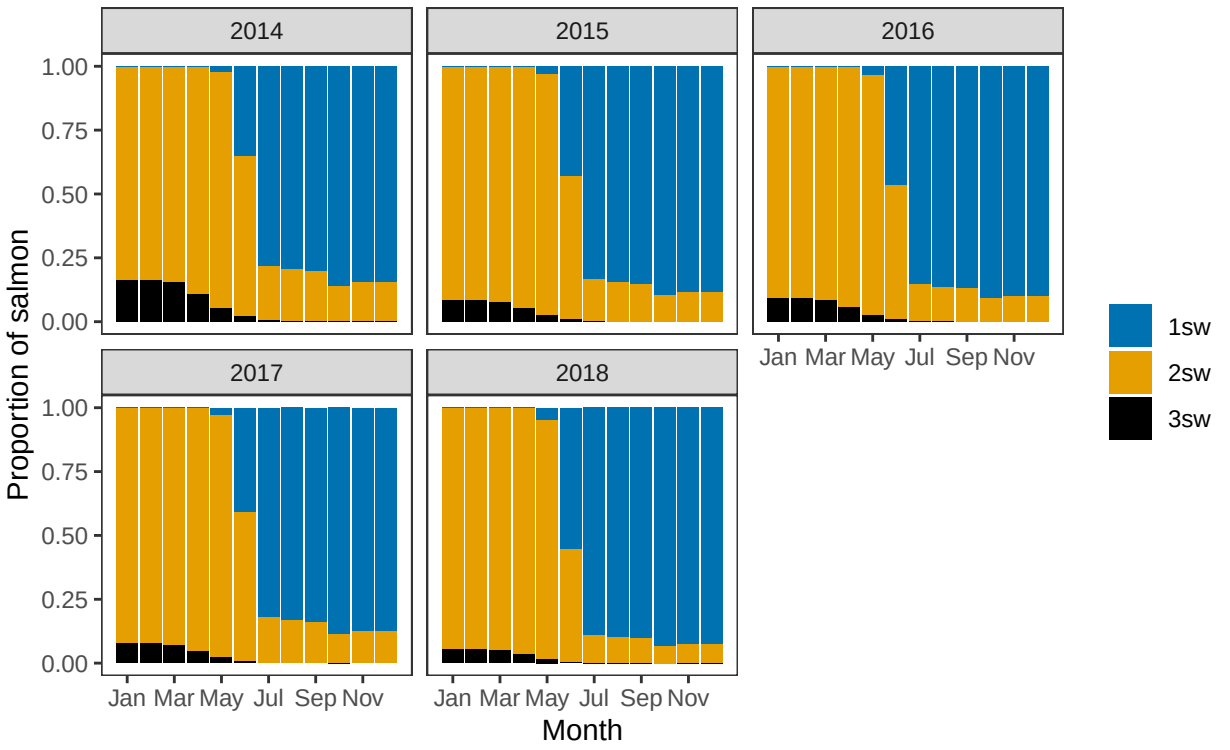
Annual catch as a proportion of stock



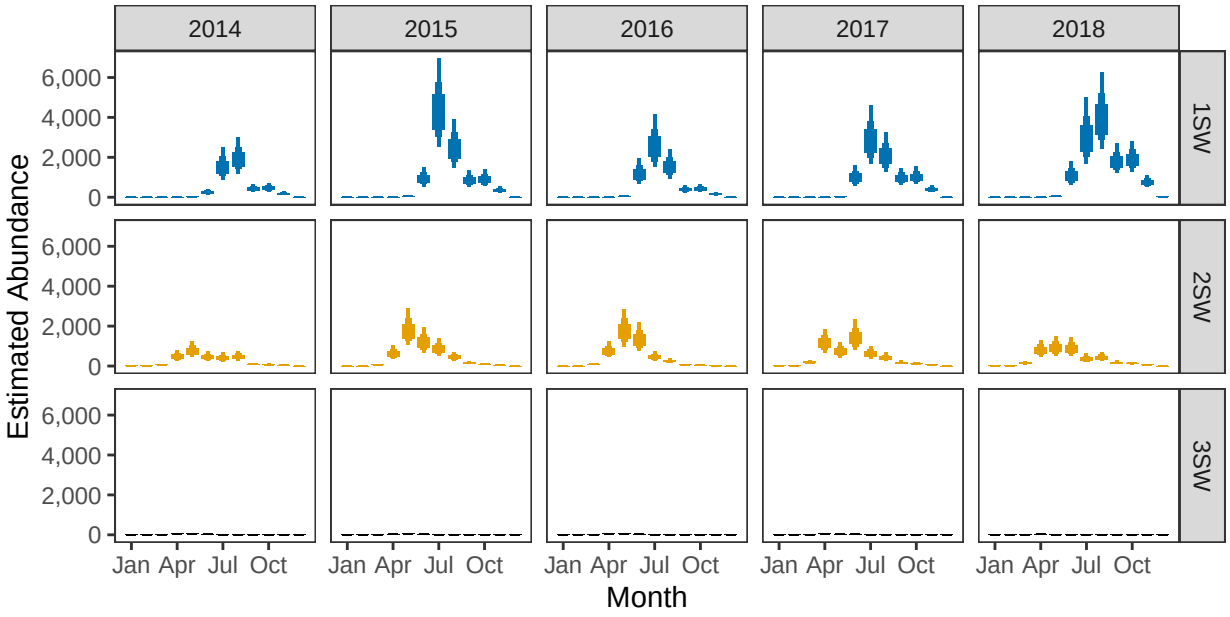
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



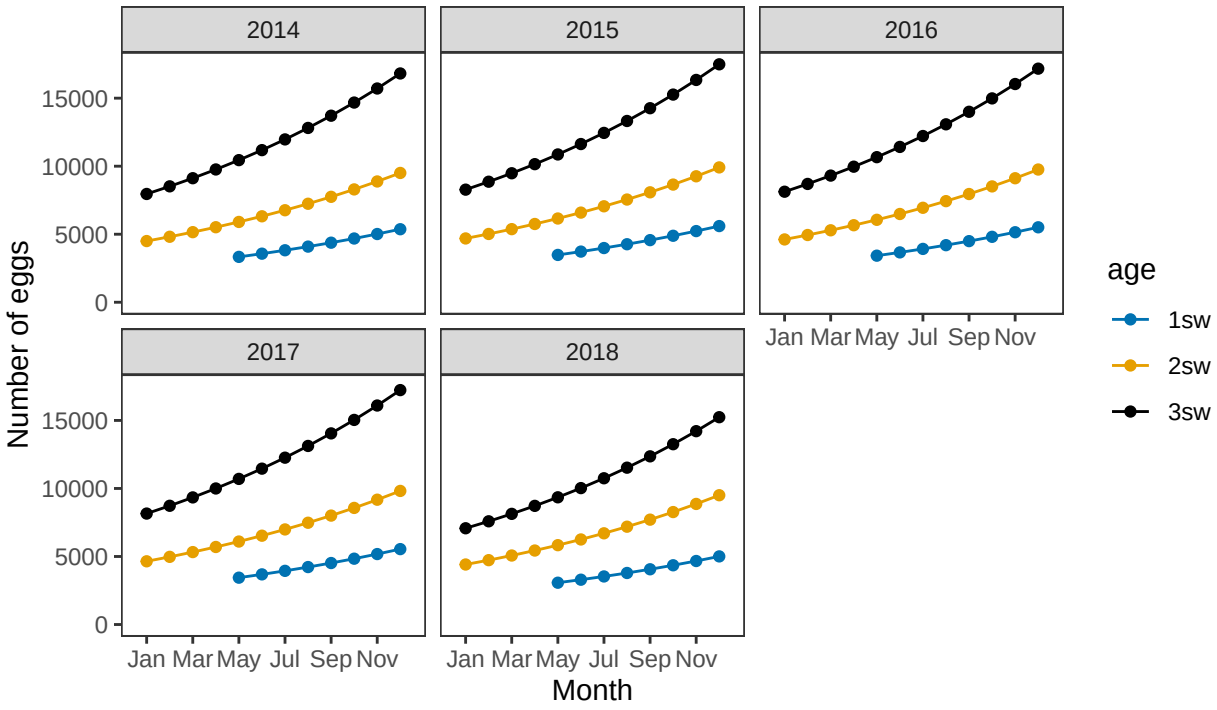
Monthly number of spawning females



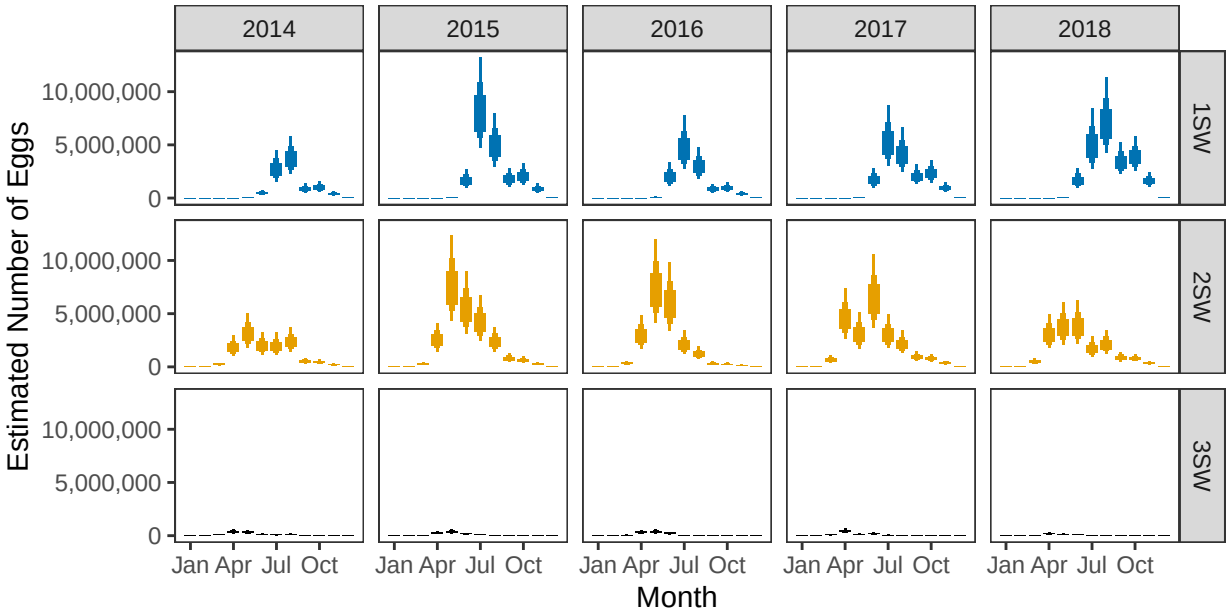
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

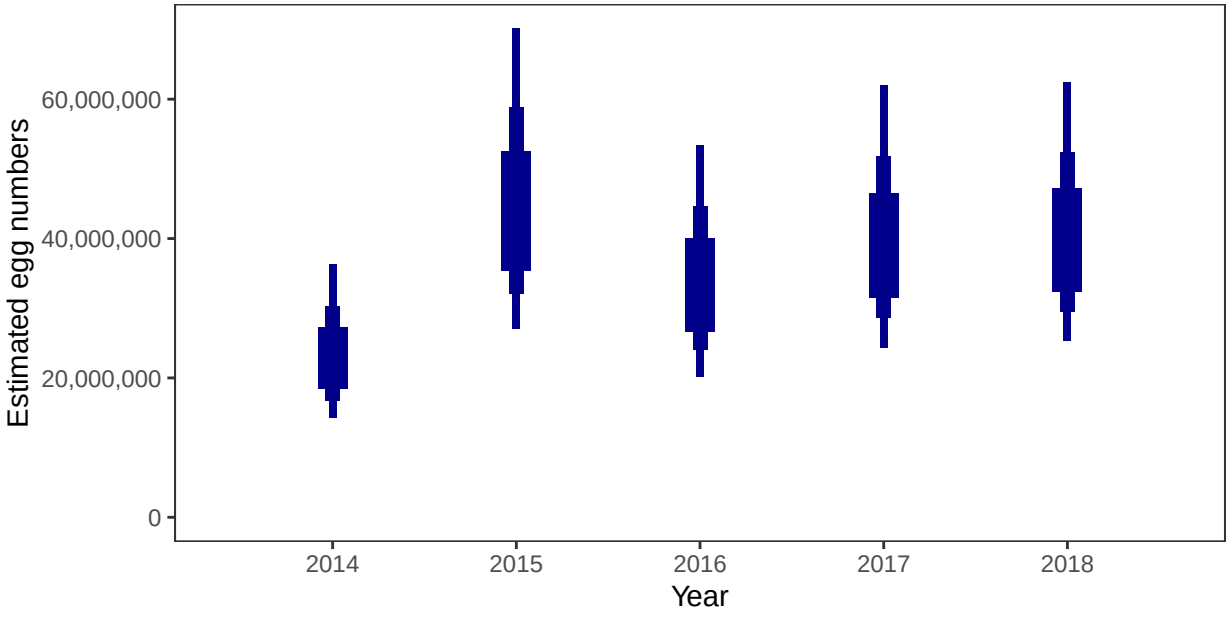


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



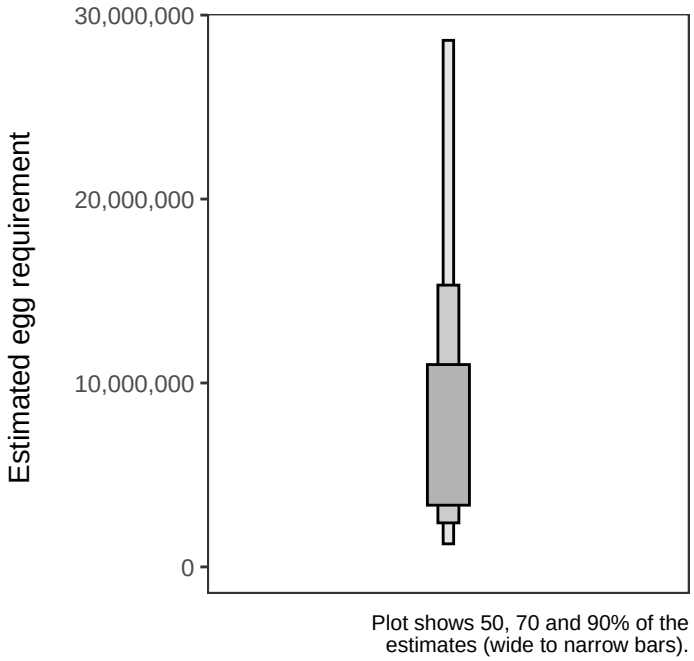
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

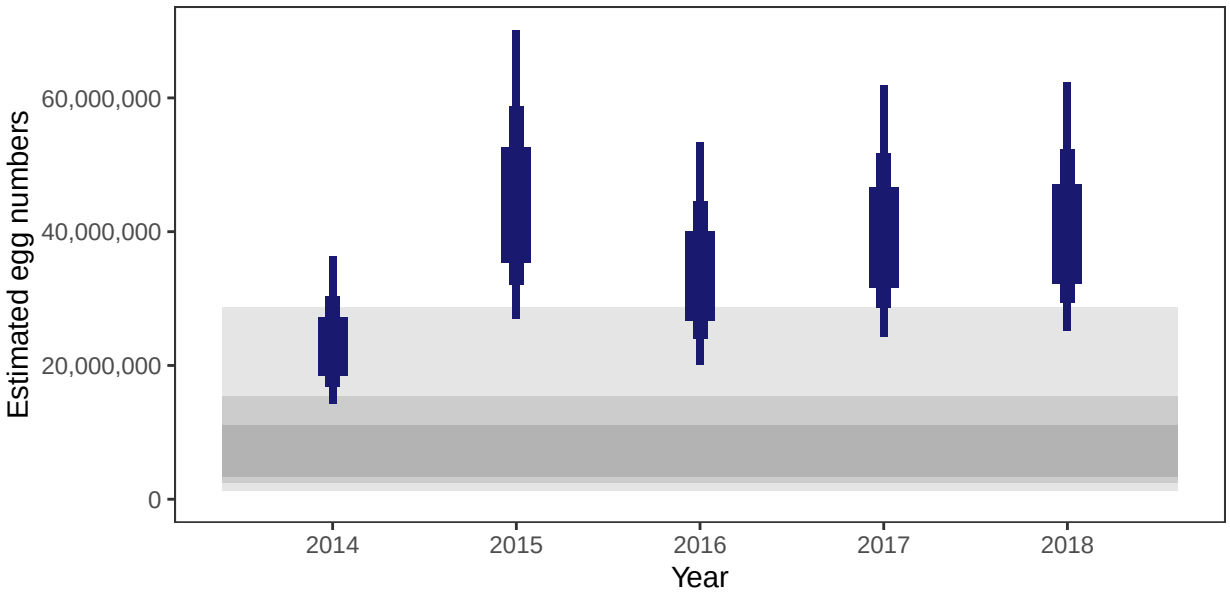
There is an estimated 2,212,875 square meters of known salmon habitat in the River Oykel SAC and a further 425,975 square meters where salmon may be present.

Egg requirement



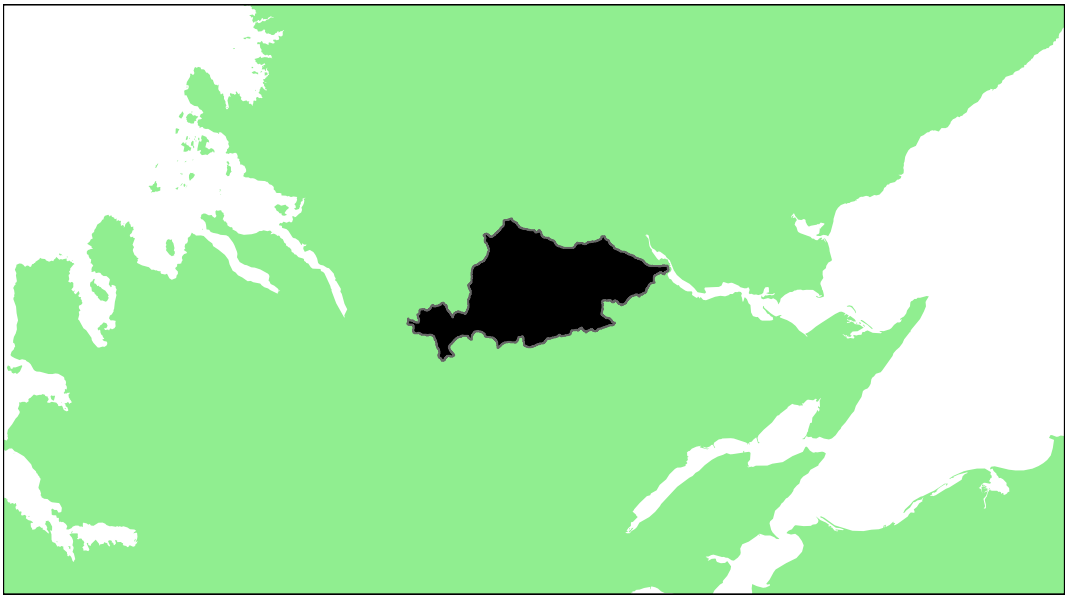
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	91.52
2015	97.24
2016	95.58
2017	96.52
2018	96.82



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Carron (Bonar Bridge): Grade 1



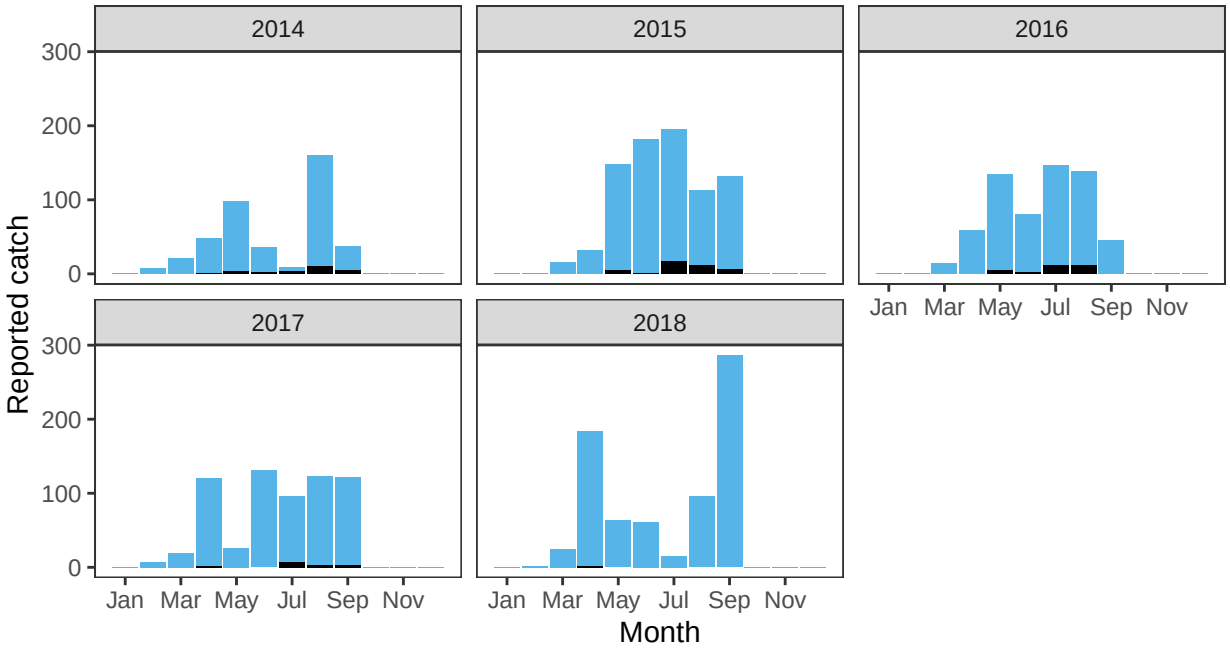
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.78	1,055,700	2,935,784	91.88	97.73	96.87	97.05	96.88	96.08	1

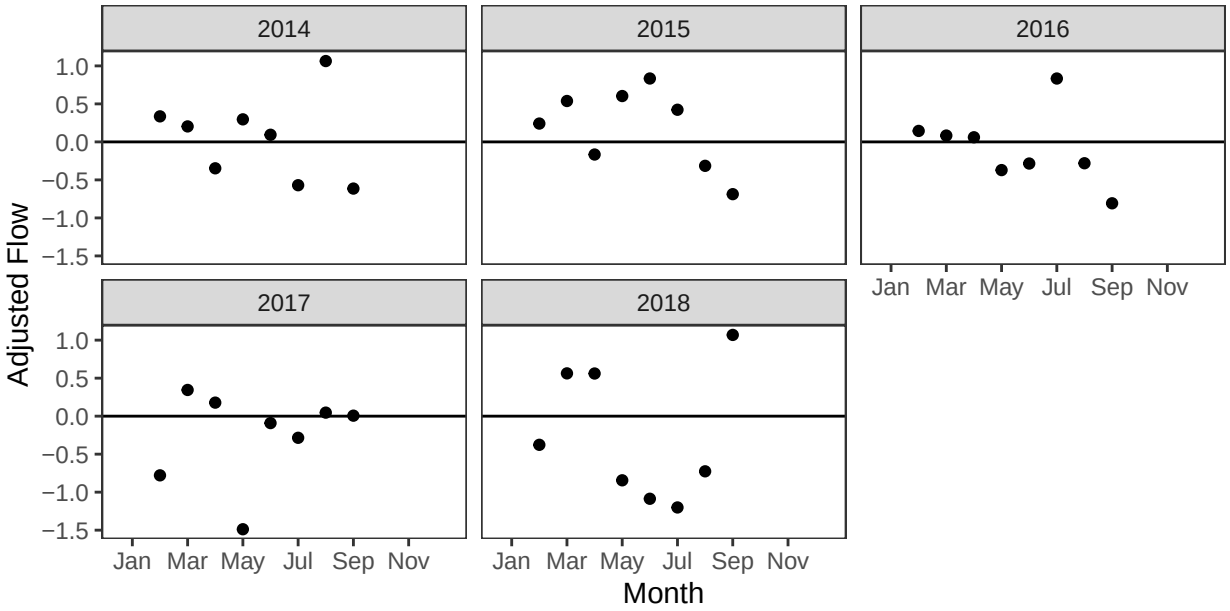
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

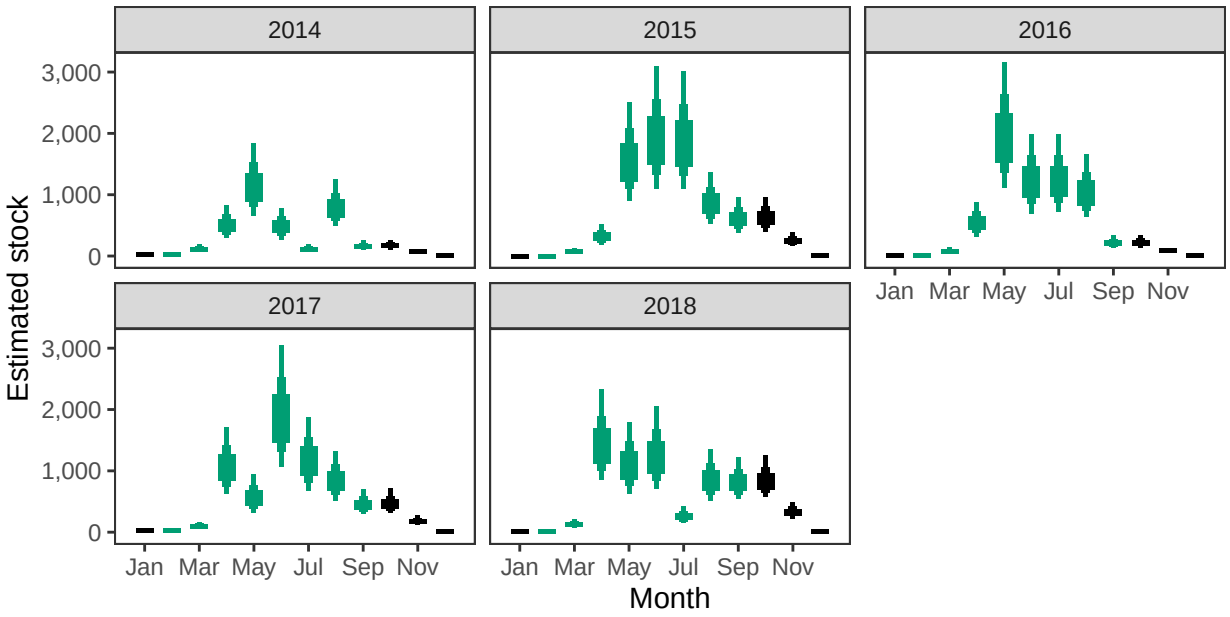
Reported Catches (black = retained, blue = released)



Monthly flow data

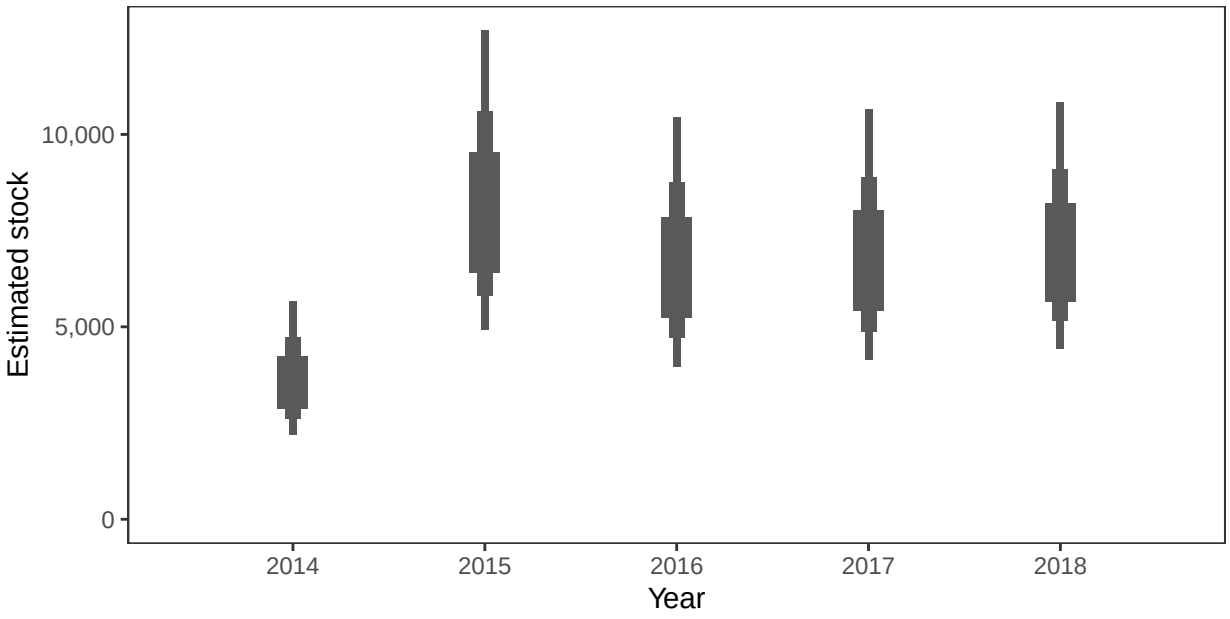


Monthly stock estimates (out of season in black)



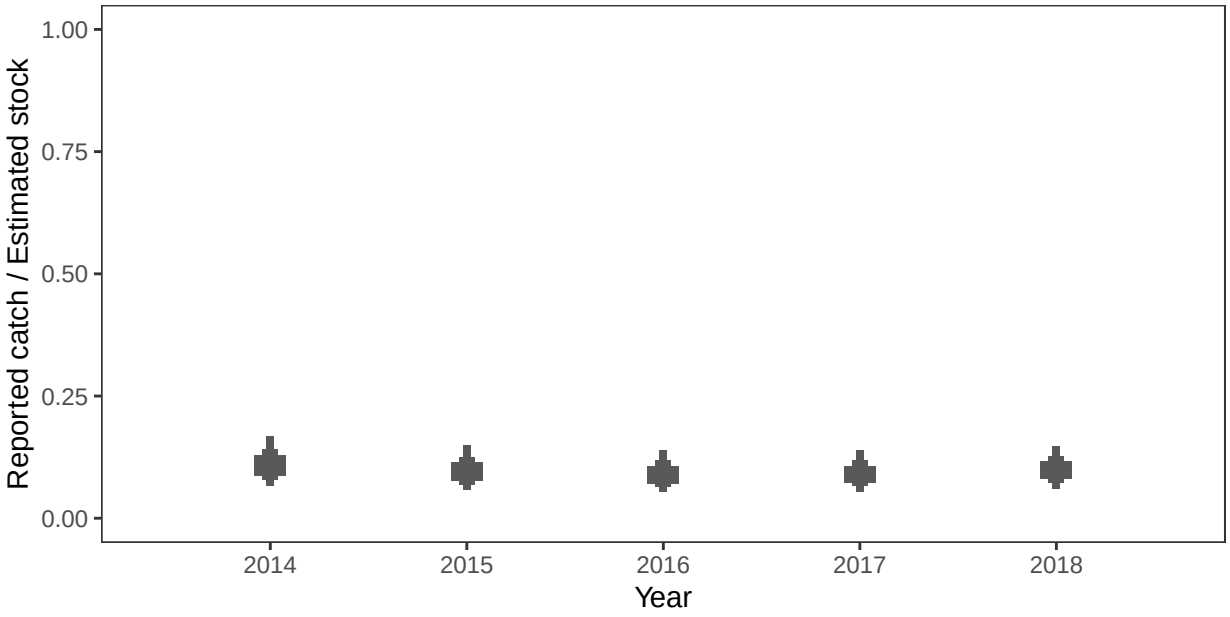
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

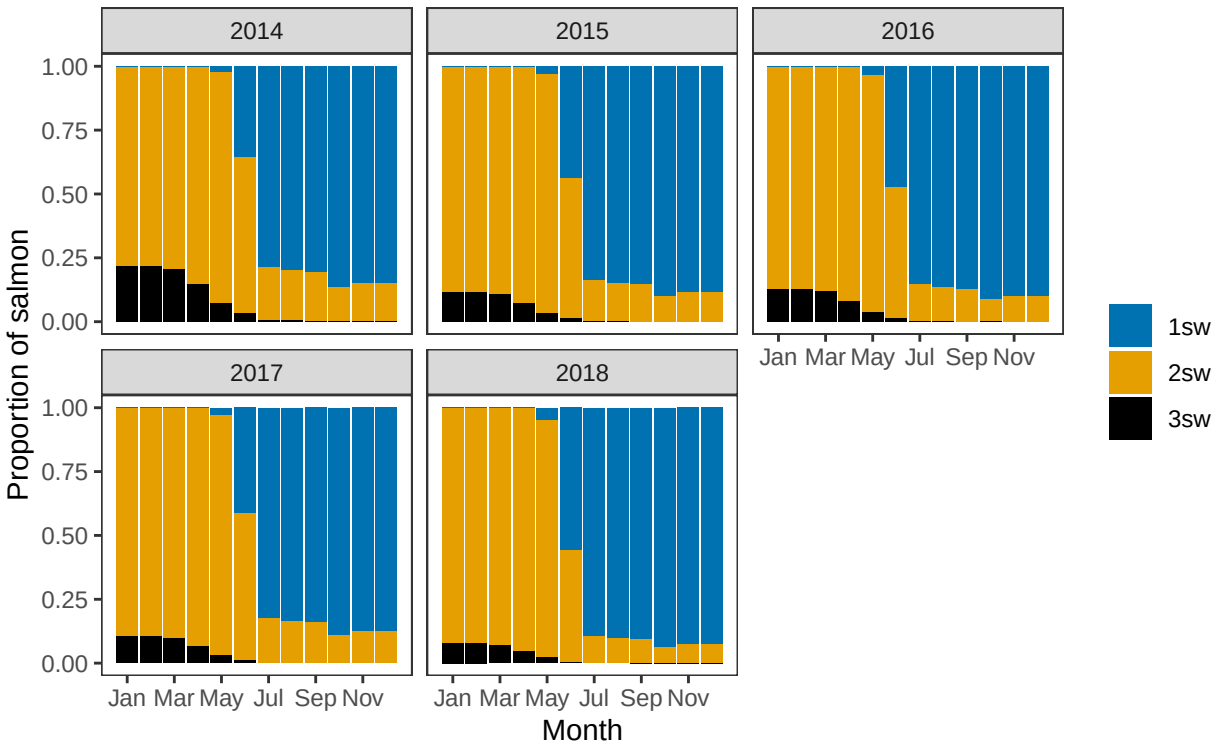
Annual catch as a proportion of stock



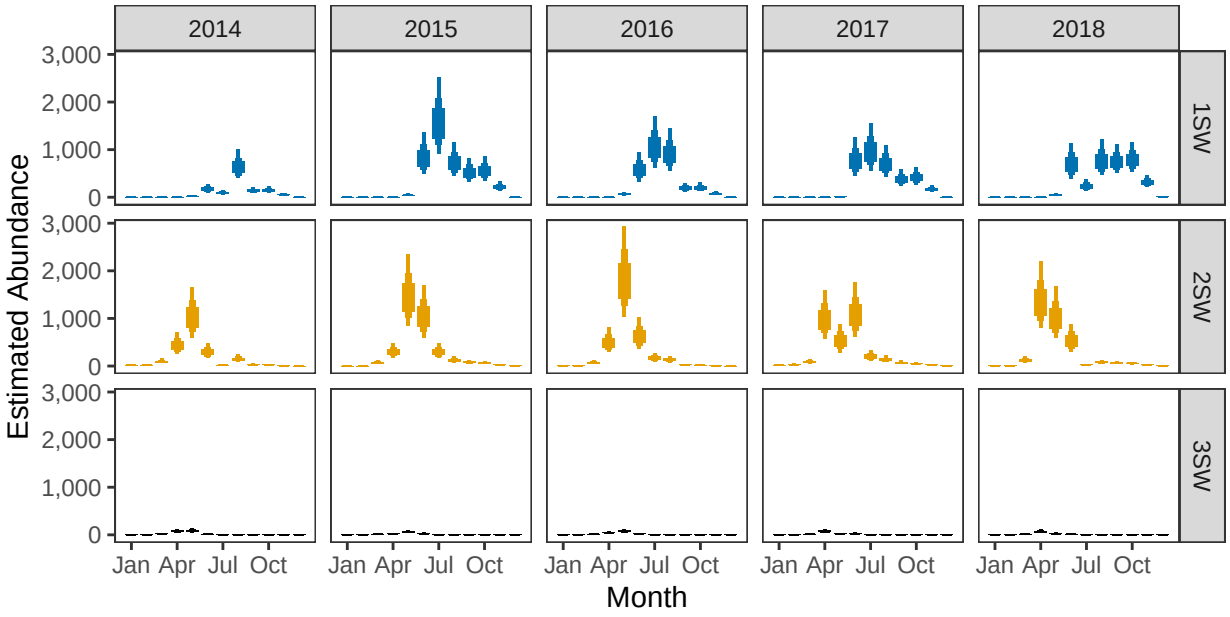
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



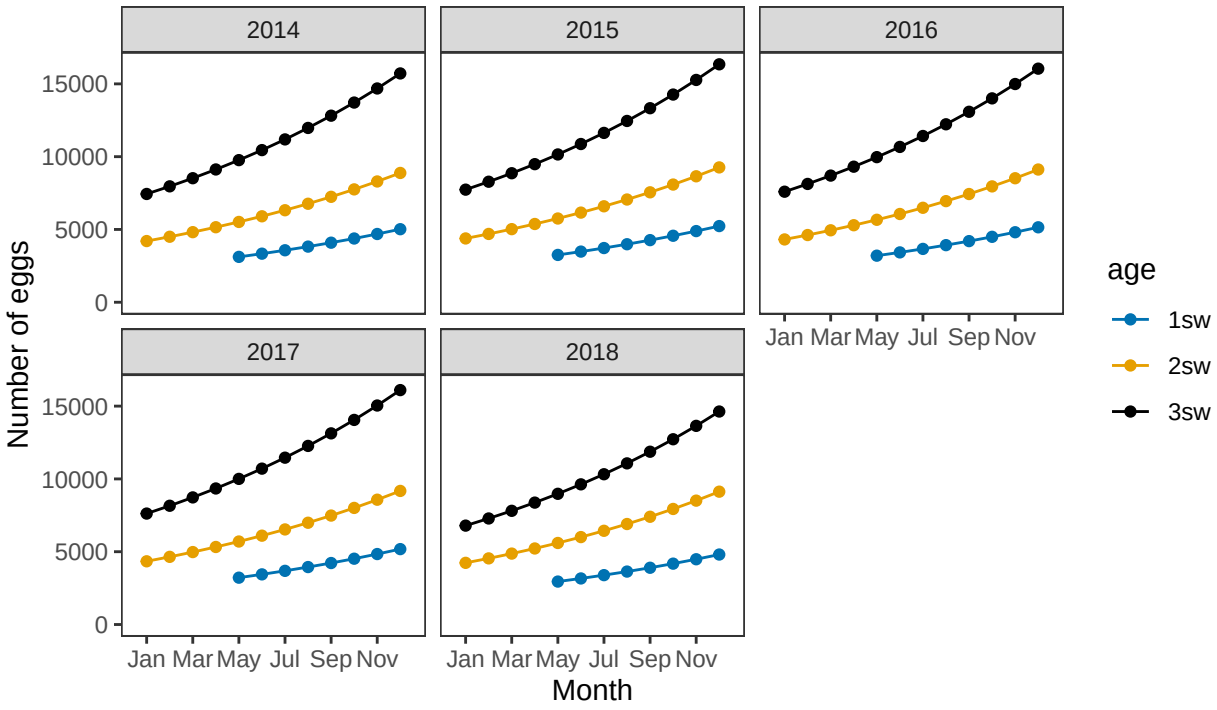
Monthly number of spawning females



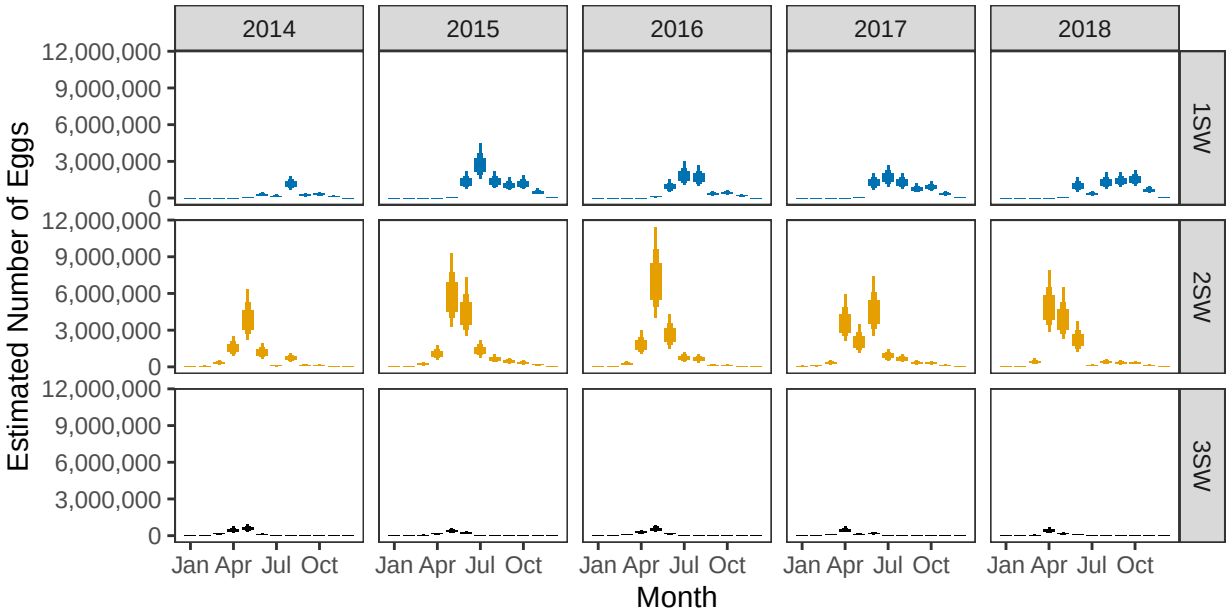
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

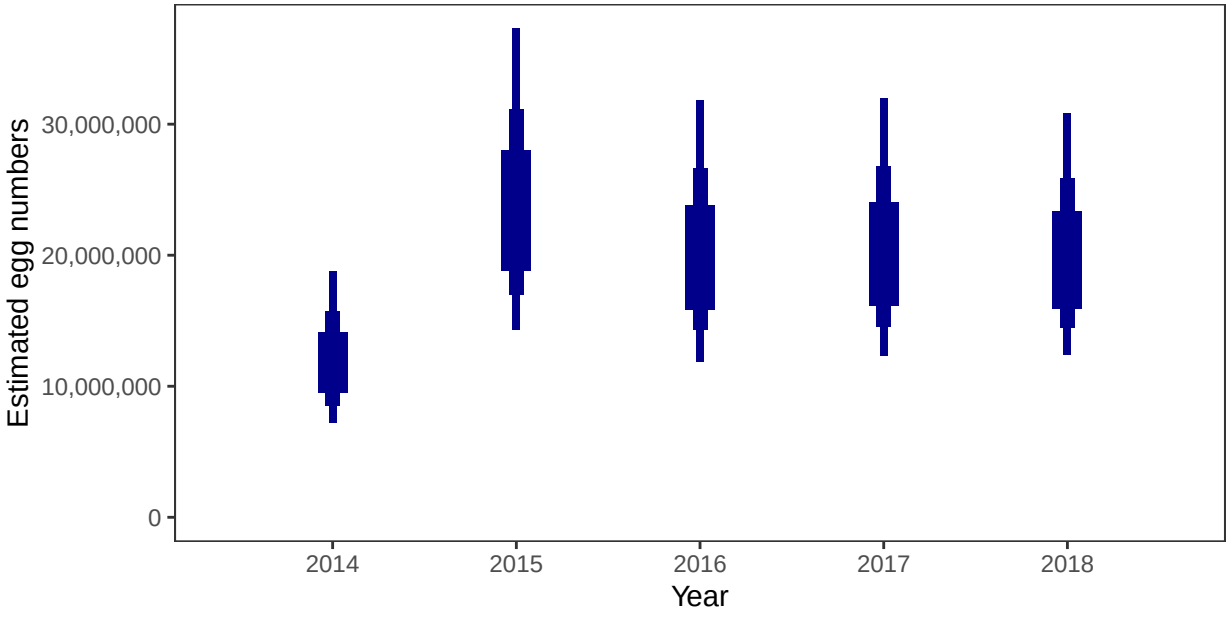


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



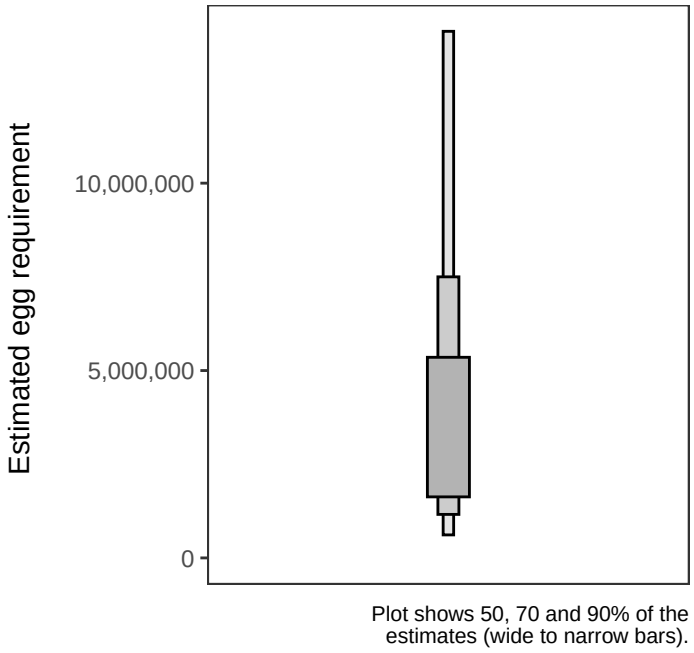
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

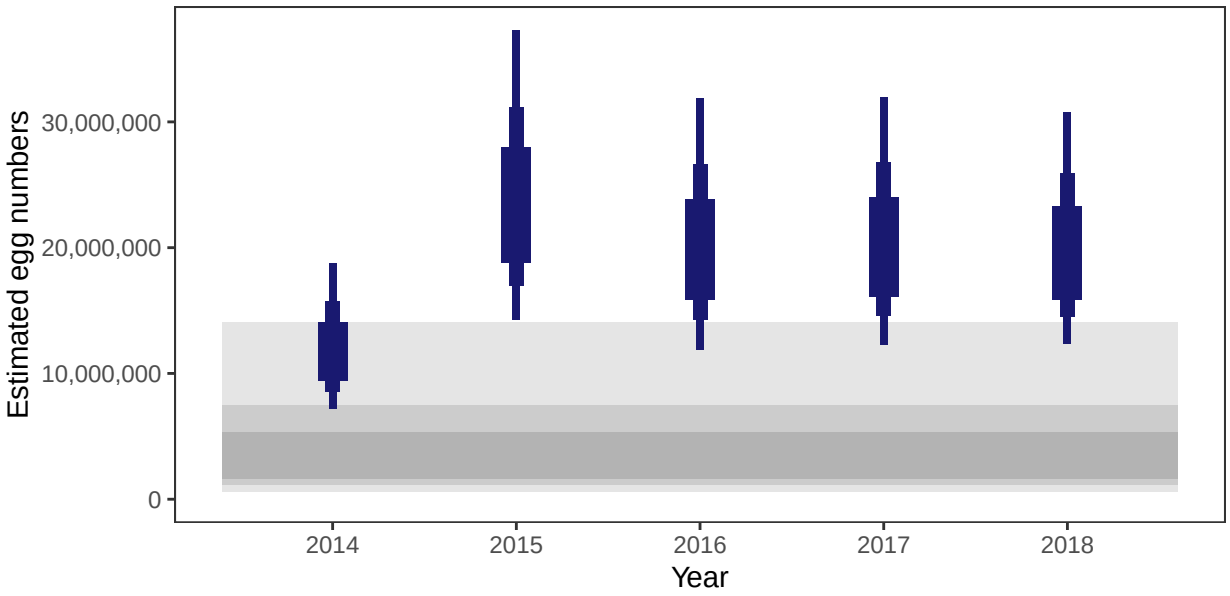
There is an estimated 1,161,666 square meters of known salmon habitat in the River Carron (Bonar Bridge) and a further 38,038 square meters where salmon may be present.

Egg requirement



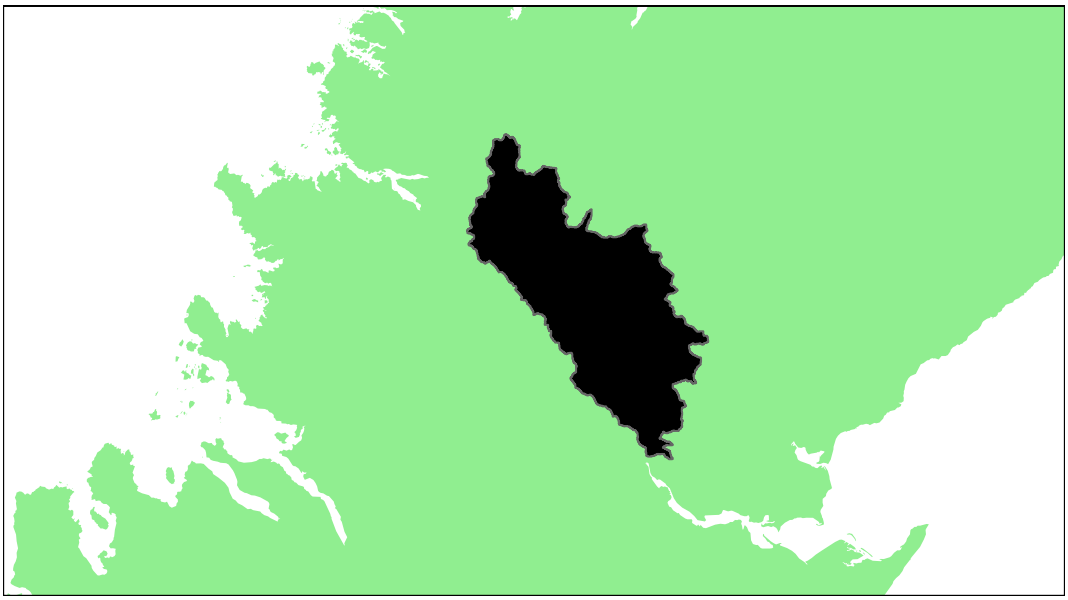
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	91.88
2015	97.73
2016	96.87
2017	97.05
2018	96.88



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Shin: Grade 1



Detailed information on catches is not publicly available for this assessment area

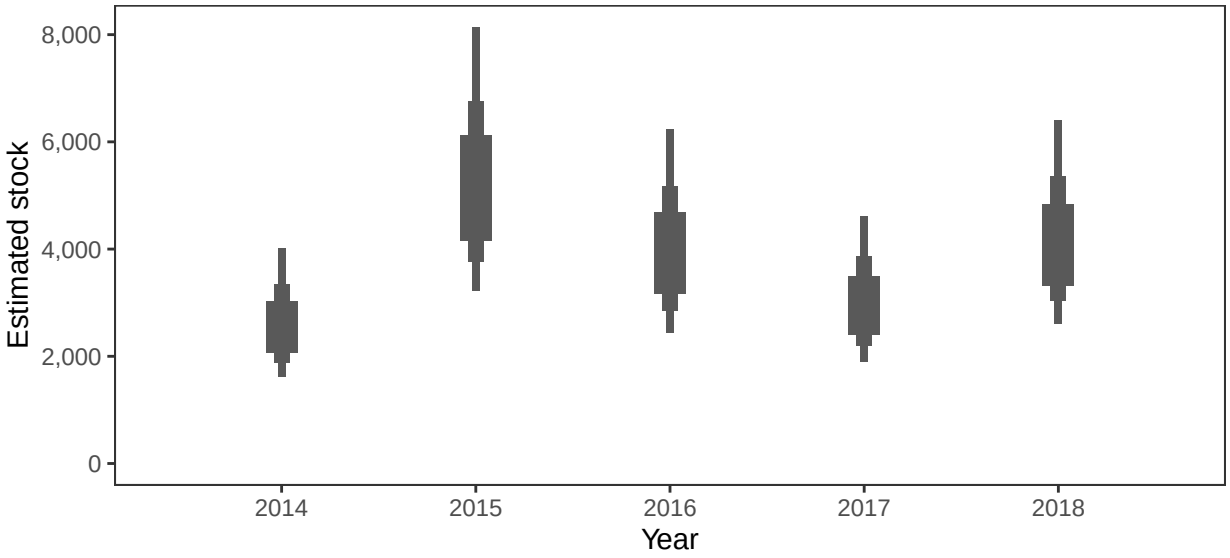
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.65	1,028,700	2,730,808	84.63	94.53	91.4	86.09	90.54	89.44	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

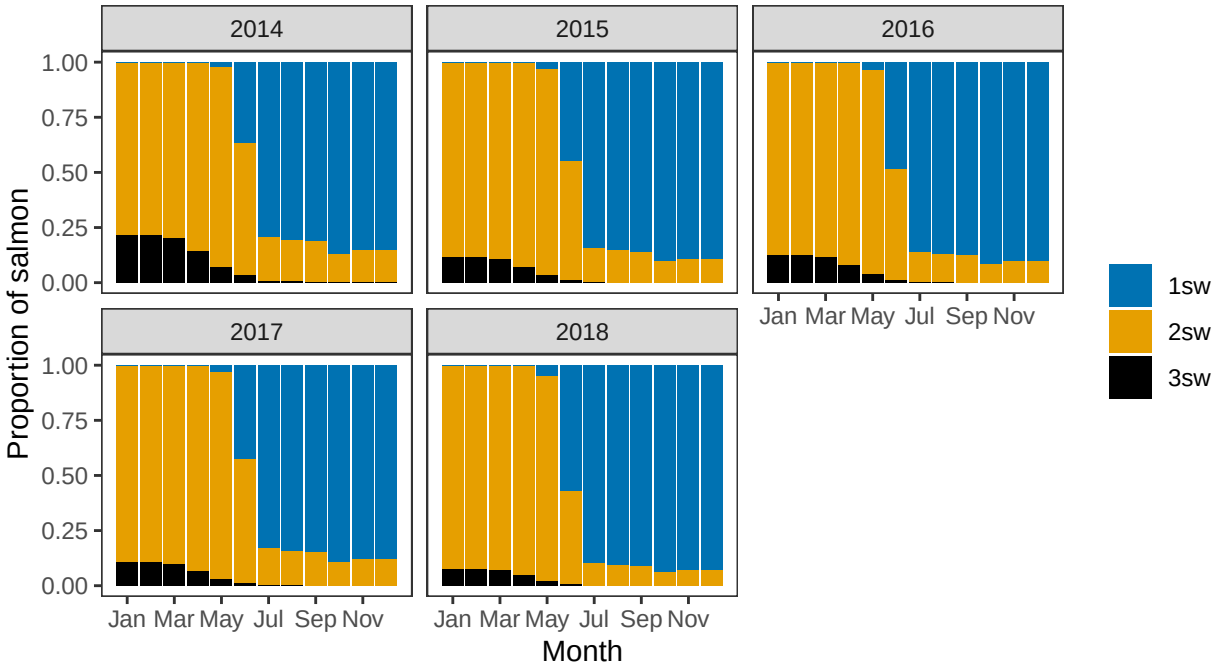
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

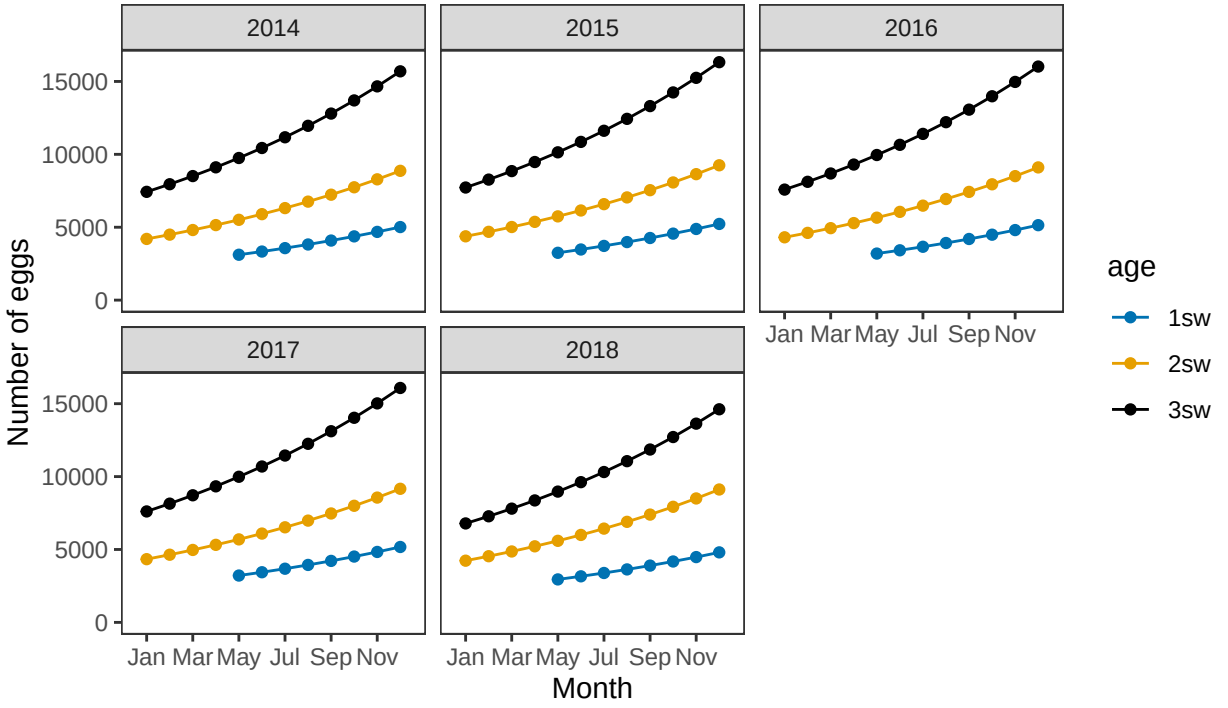
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

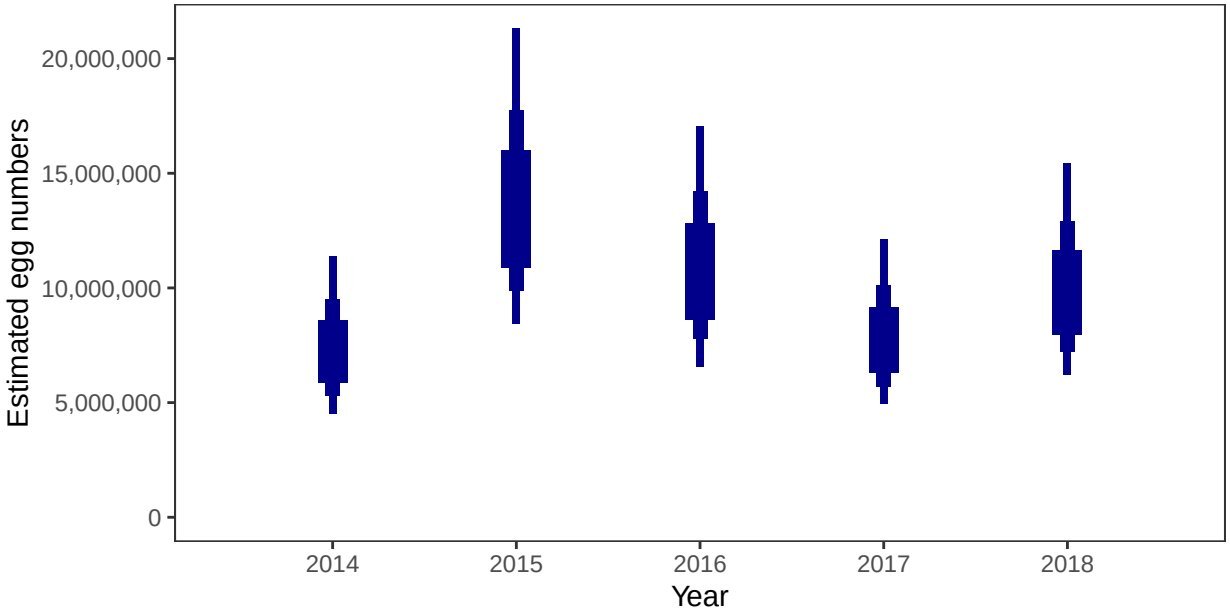


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



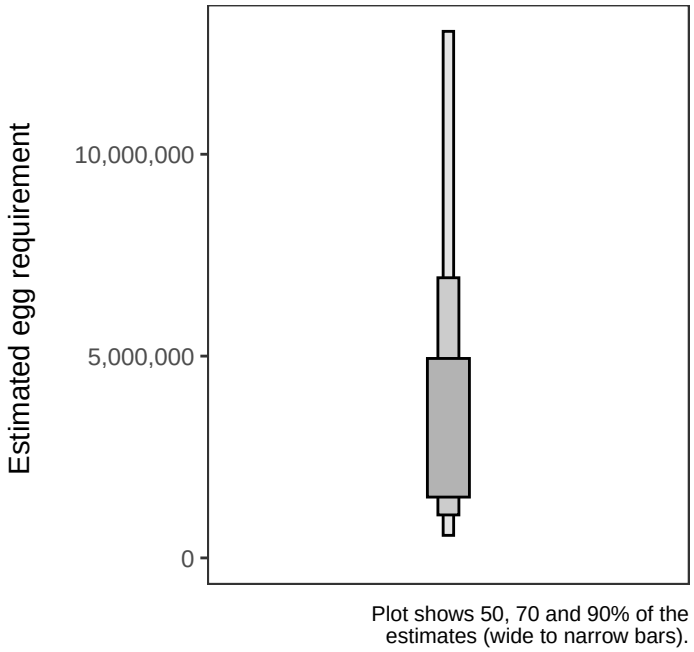
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

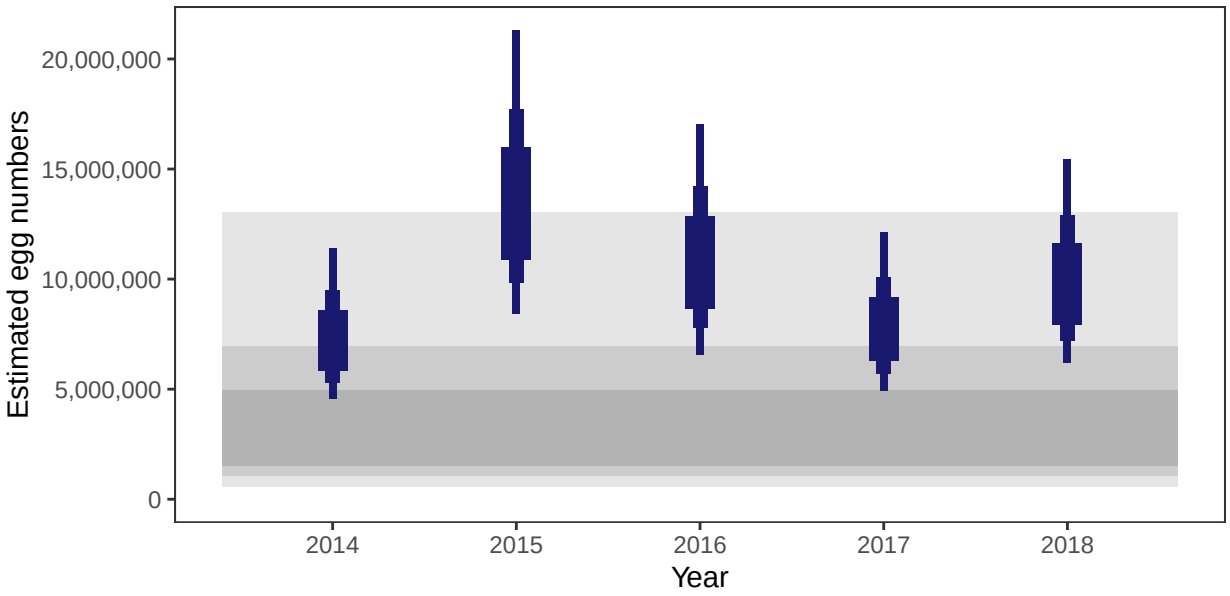
There is an estimated 1,009,616 square meters of known salmon habitat in the River Shin and a further 159,360 square meters where salmon may be present.

Egg requirement



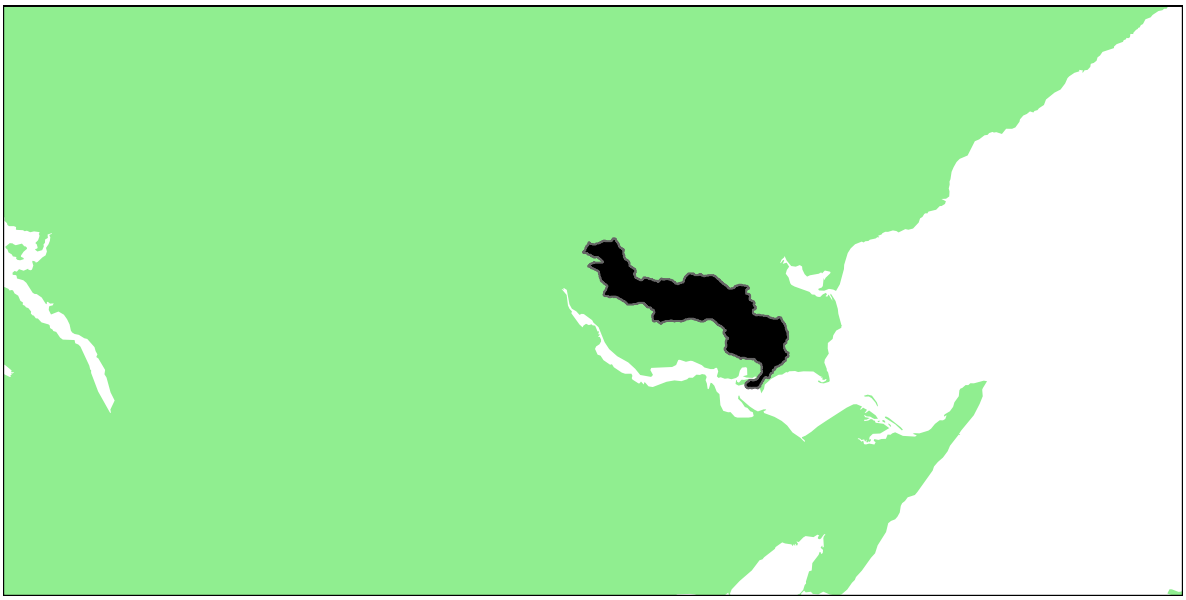
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	84.63
2015	94.53
2016	91.40
2017	86.09
2018	90.54



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Evelix: Grade 3



Detailed information on catches is not publicly available for this assessment area

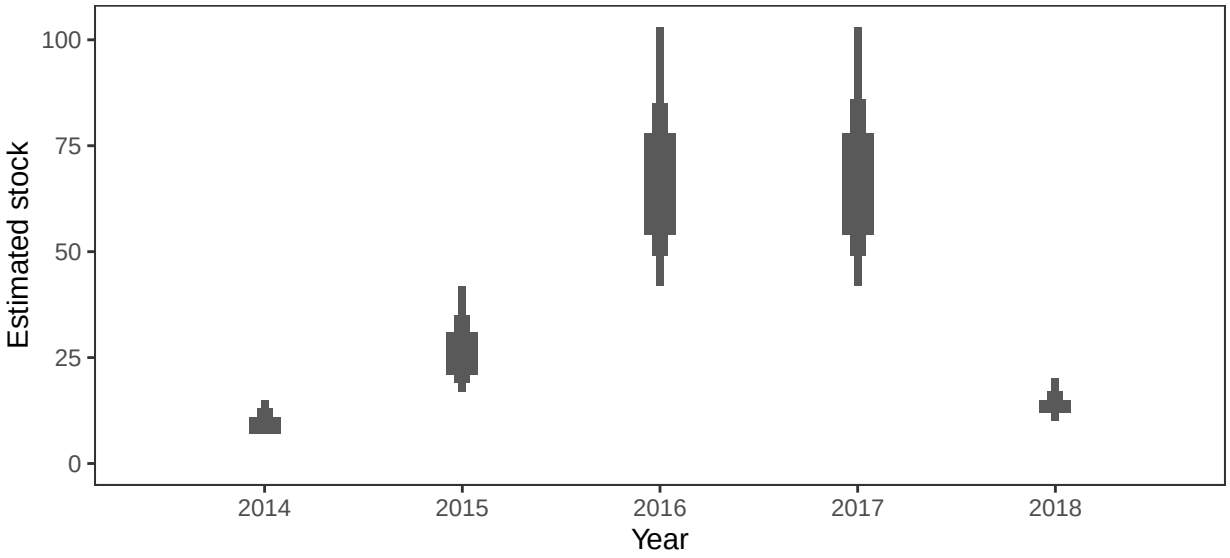
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.76	200,900	554,253	0.29	1.88	9.74	9.51	0.5	4.38	3

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

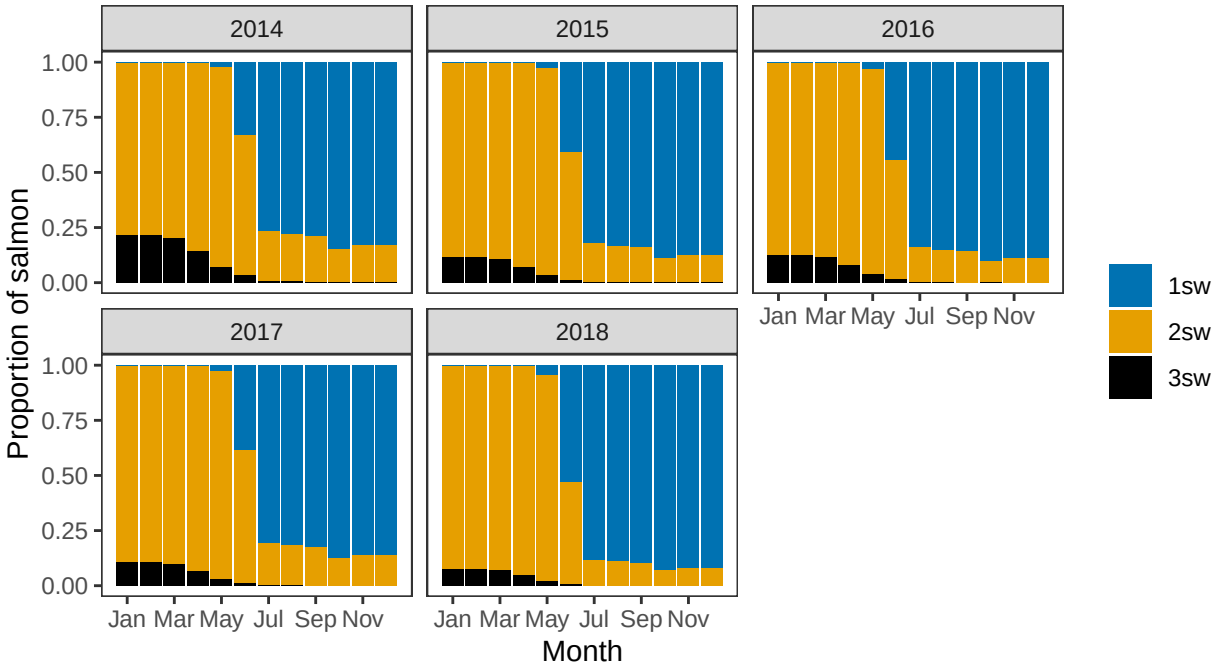
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

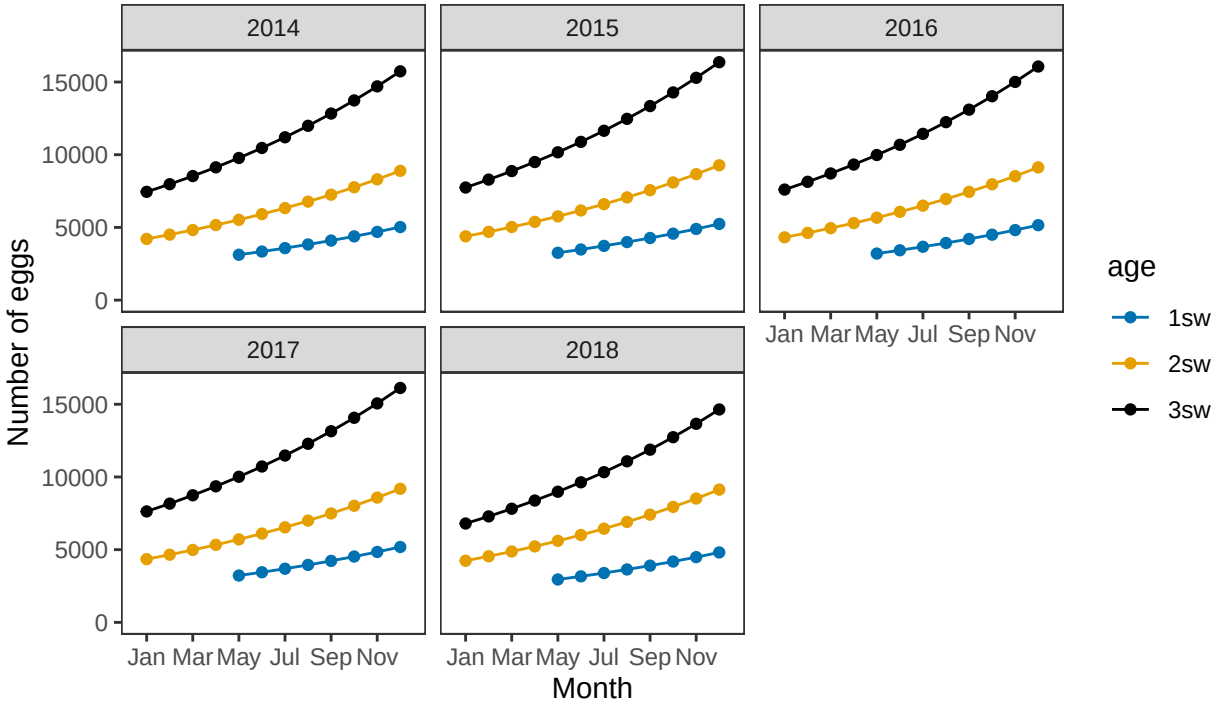
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

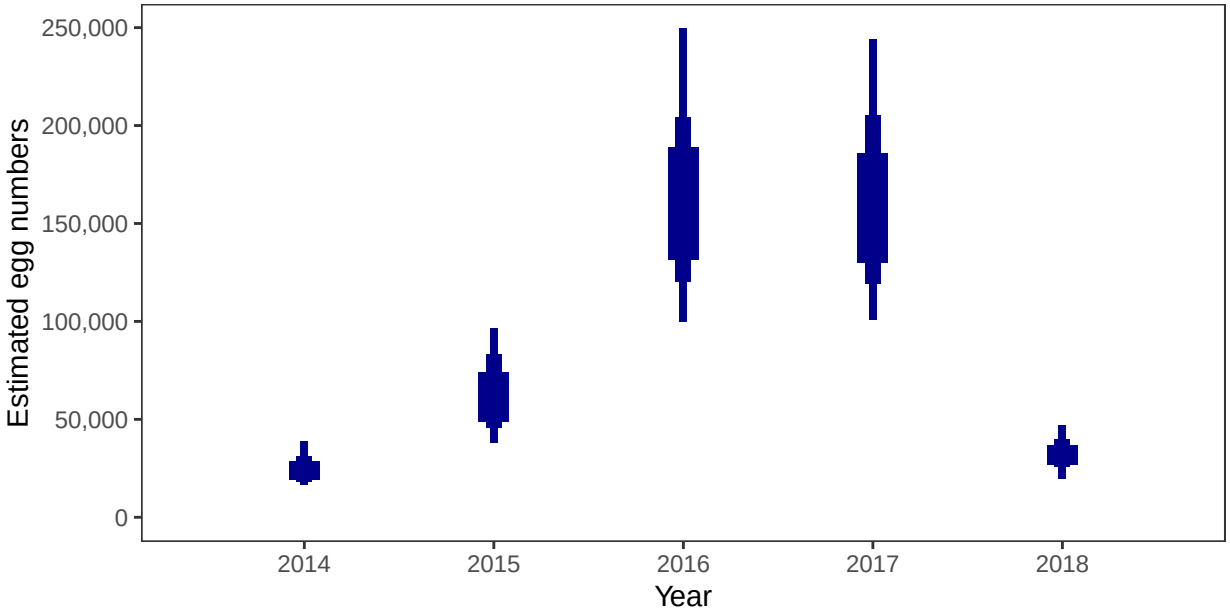


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



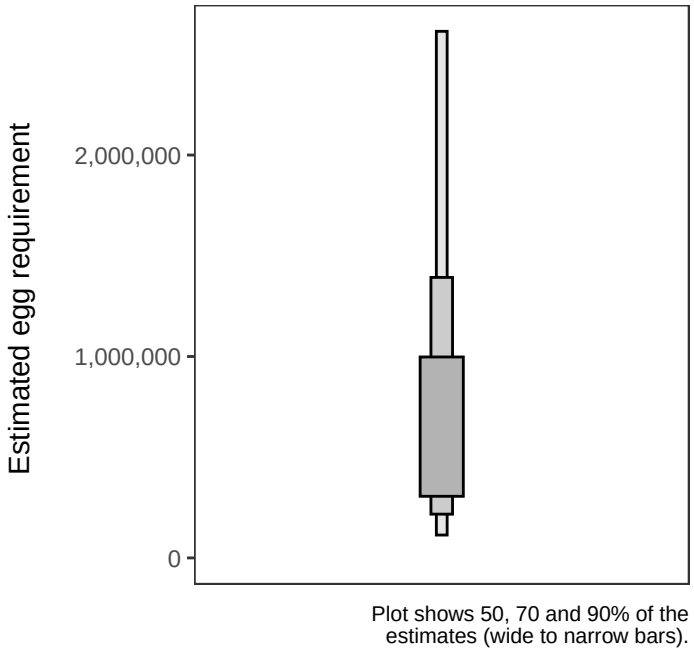
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

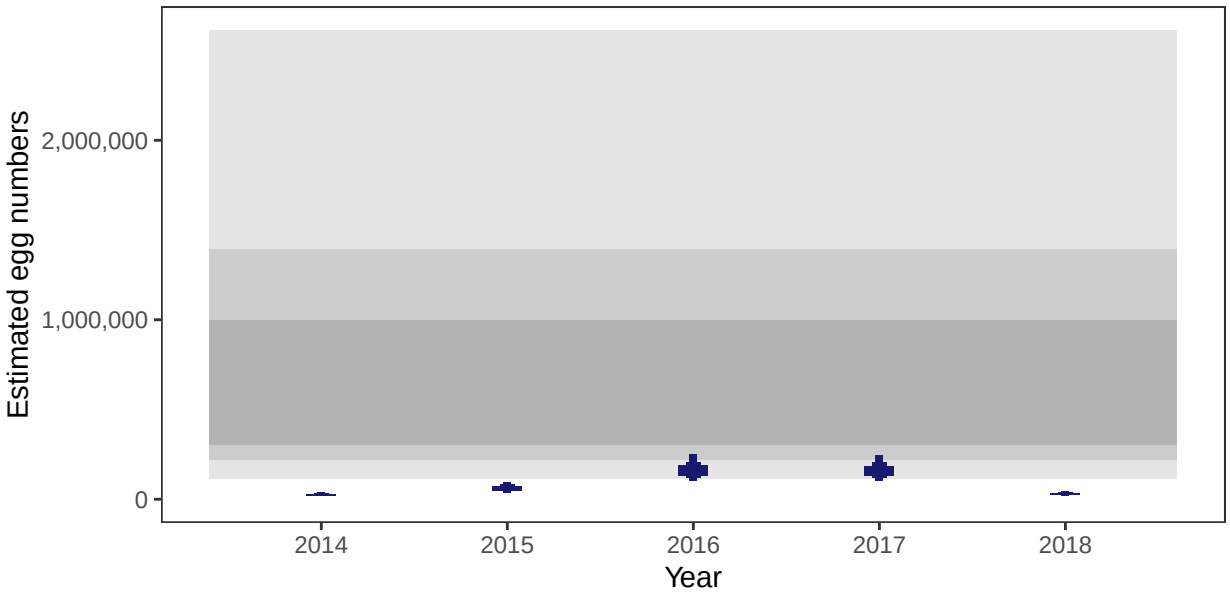
There is an estimated 211,036 square meters of known salmon habitat in the River Evelix and a further 17,315 square meters where salmon may be present.

Egg requirement



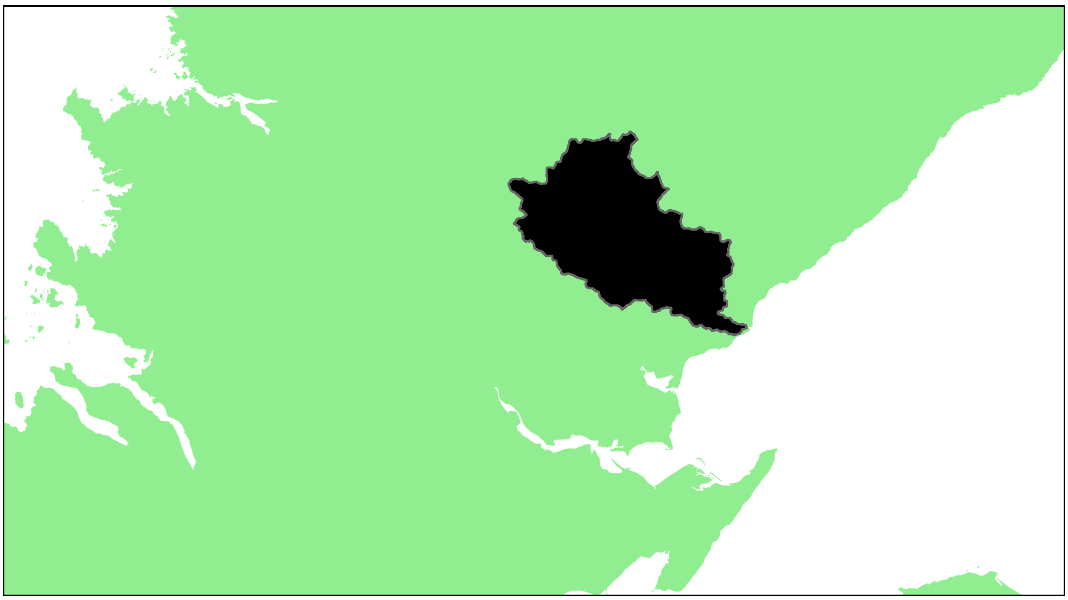
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	0.29
2015	1.88
2016	9.74
2017	9.51
2018	0.50



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Brora: Grade 1



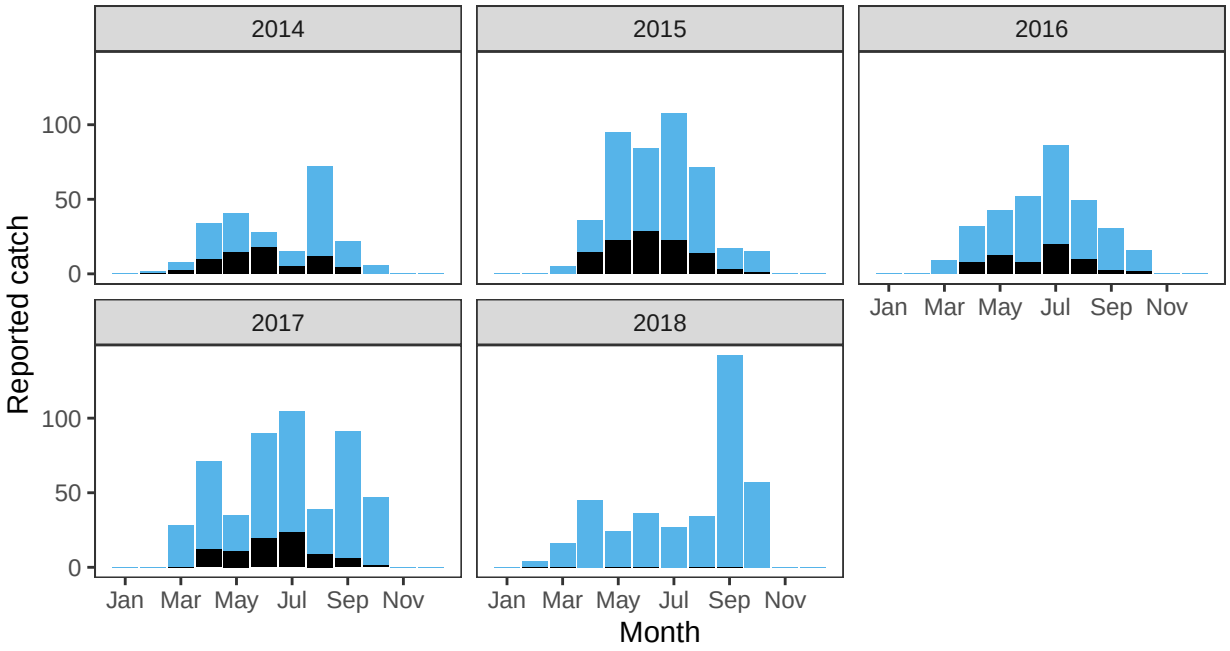
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.59	1,095,900	2,837,293	82.08	92.45	88.88	94.79	88.5	89.34	1

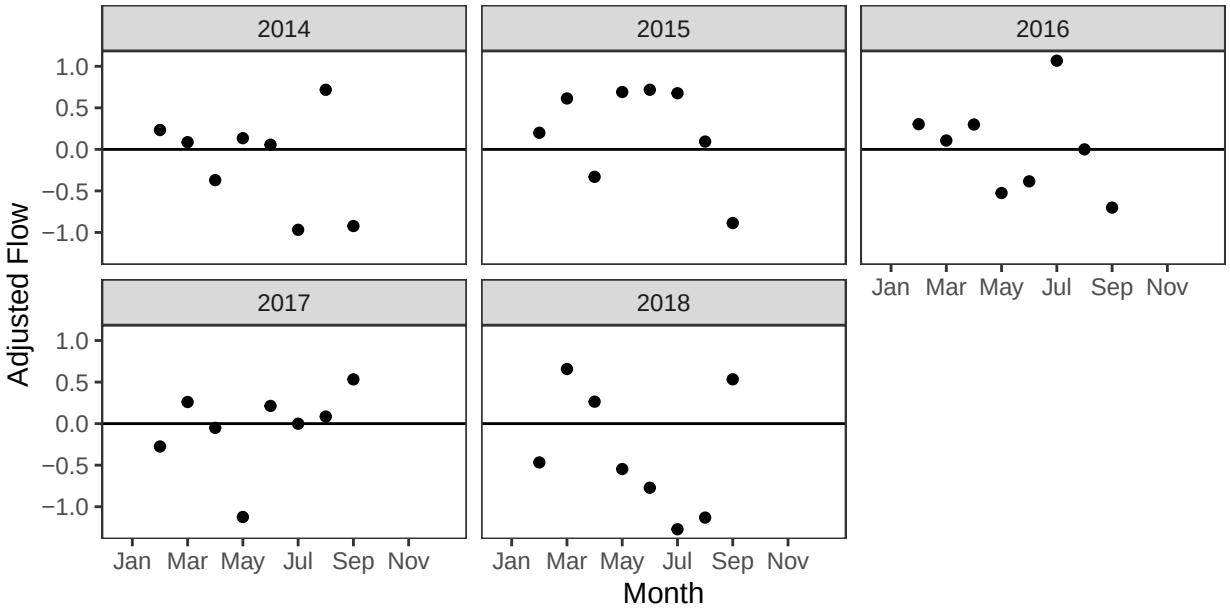
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

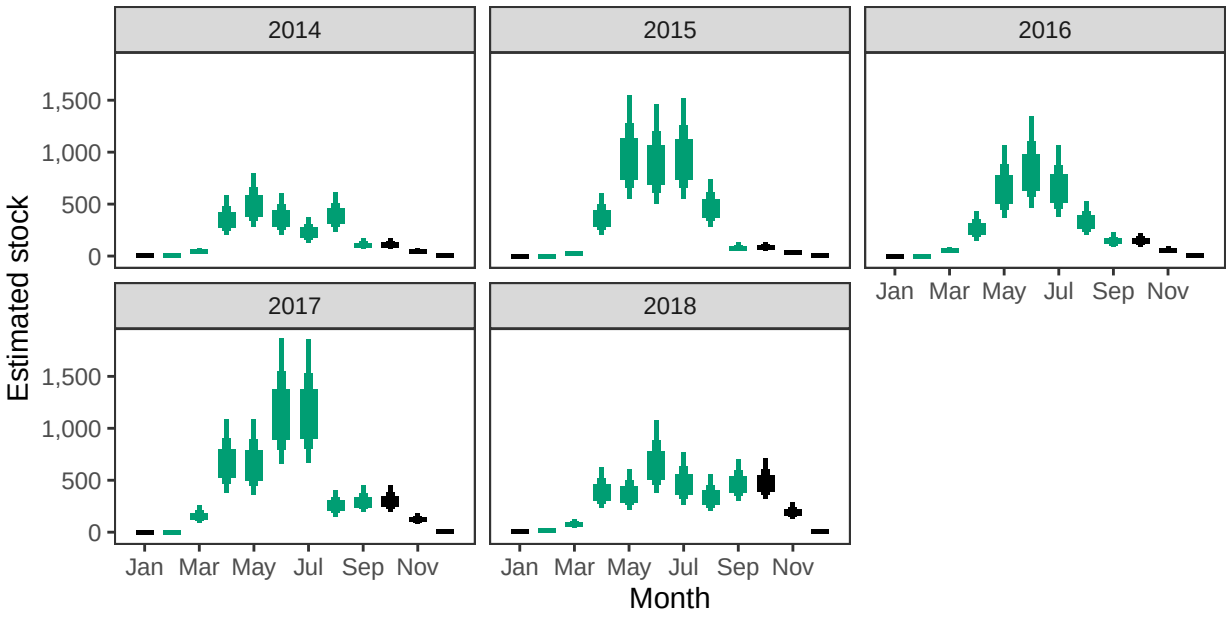
Reported Catches (black = retained, blue = released)



Monthly flow data

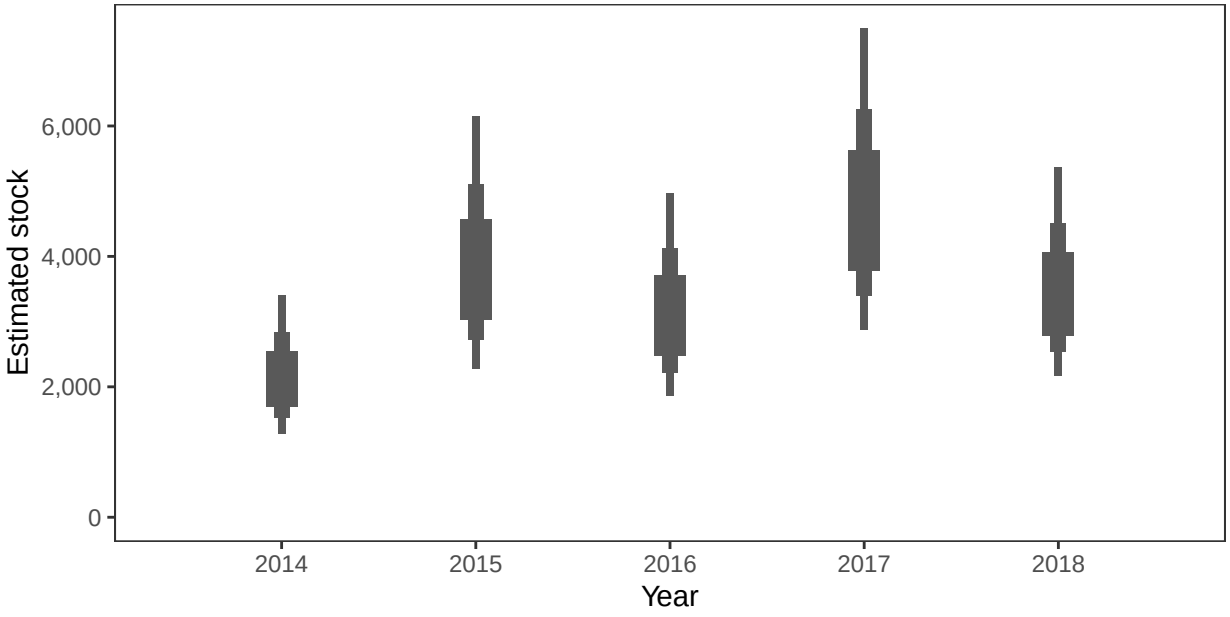


Monthly stock estimates (out of season in black)



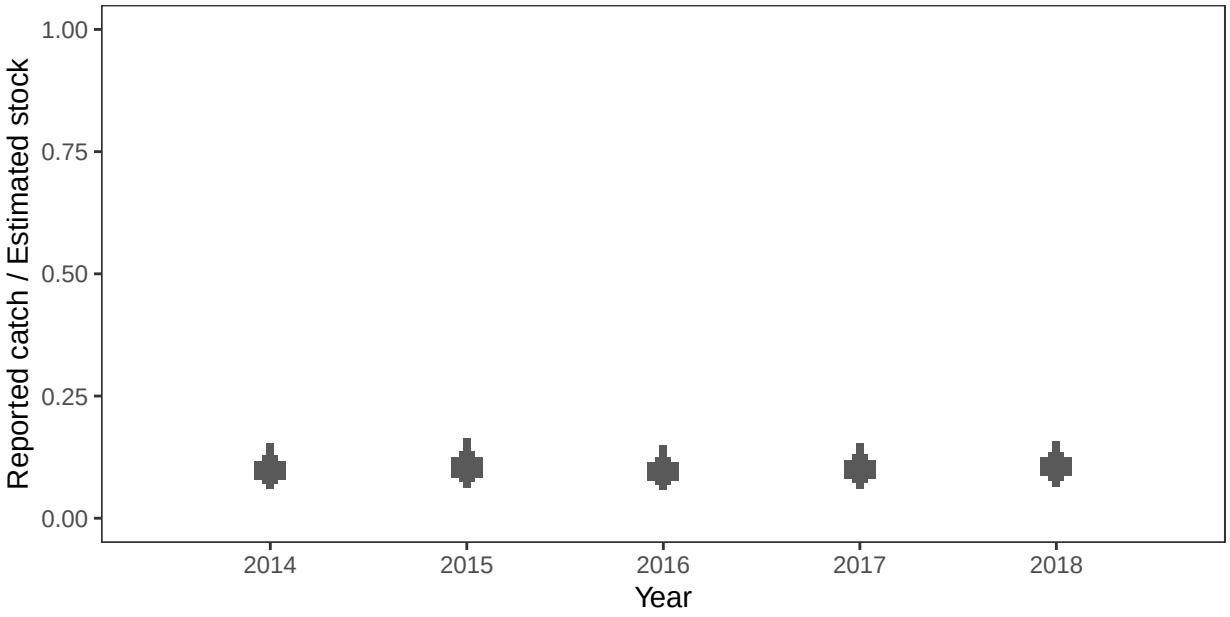
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

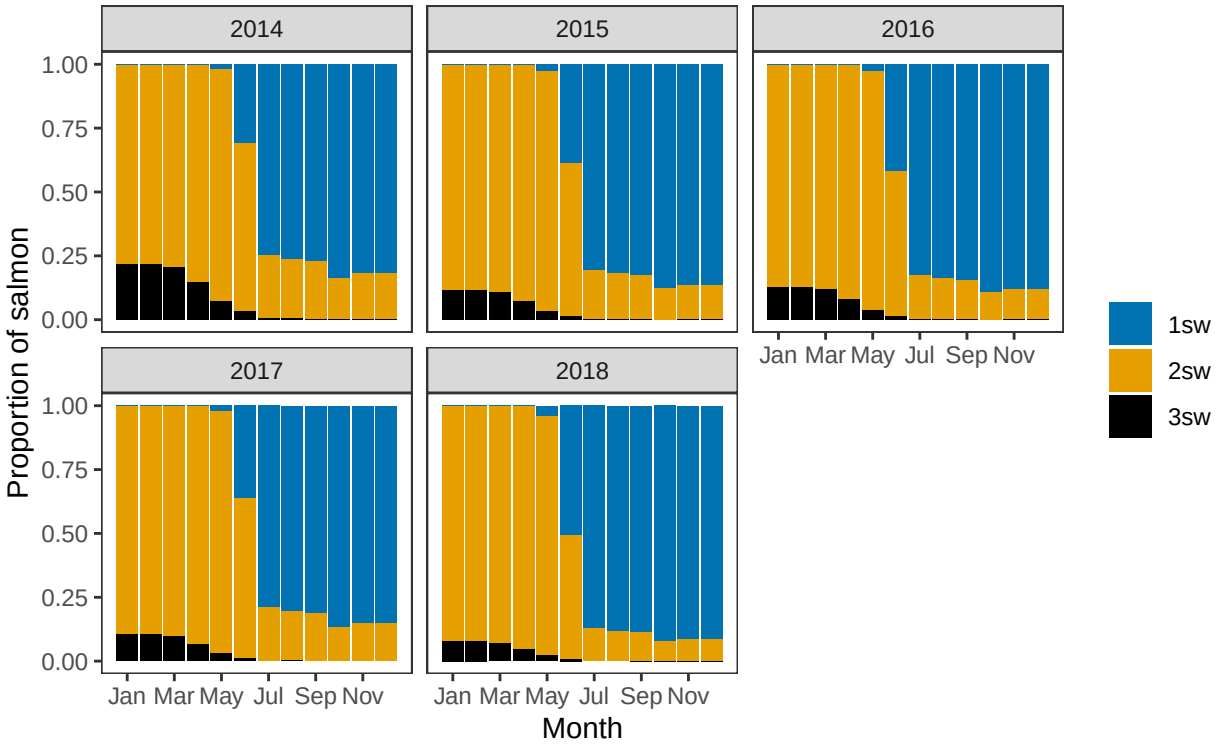
Annual catch as a proportion of stock



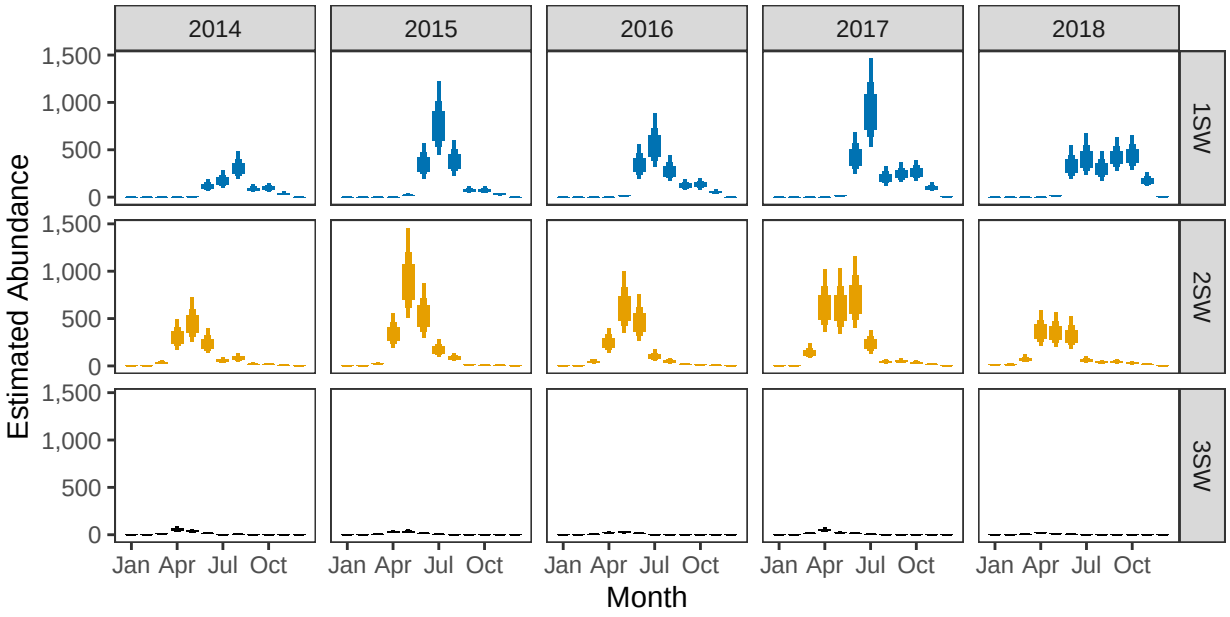
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



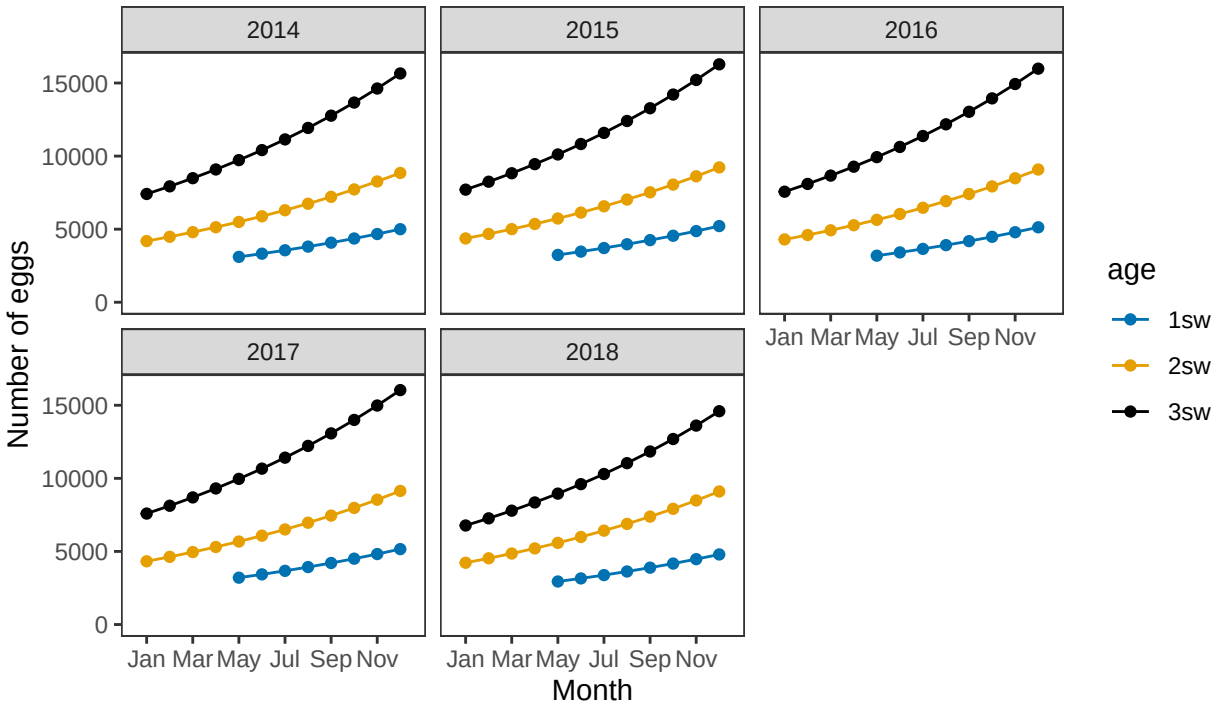
Monthly number of spawning females



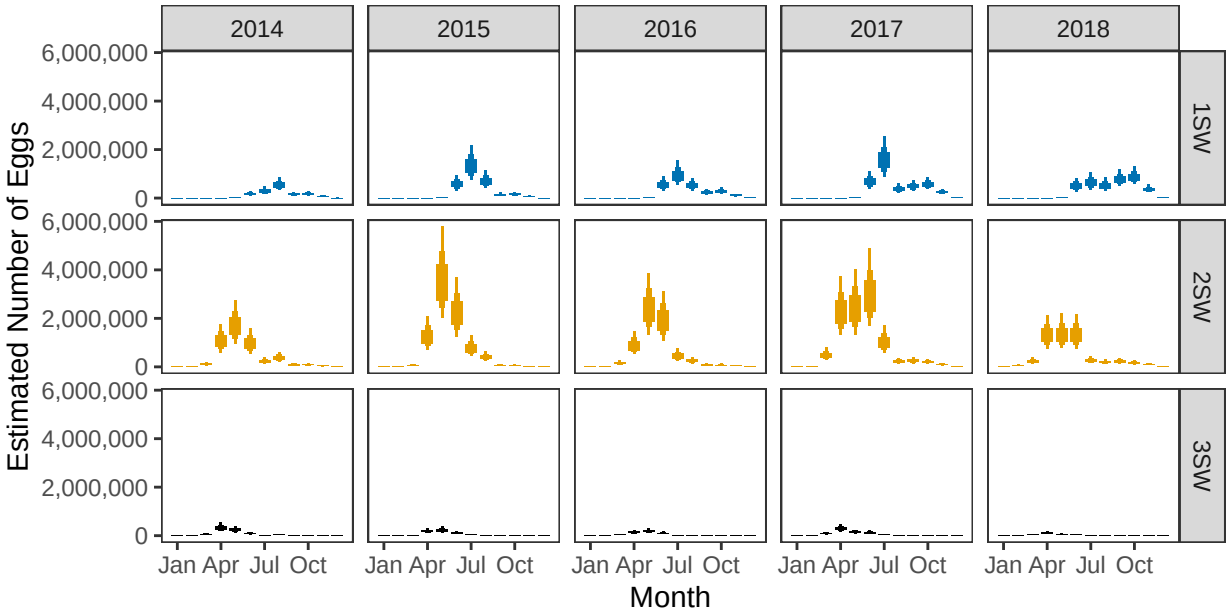
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

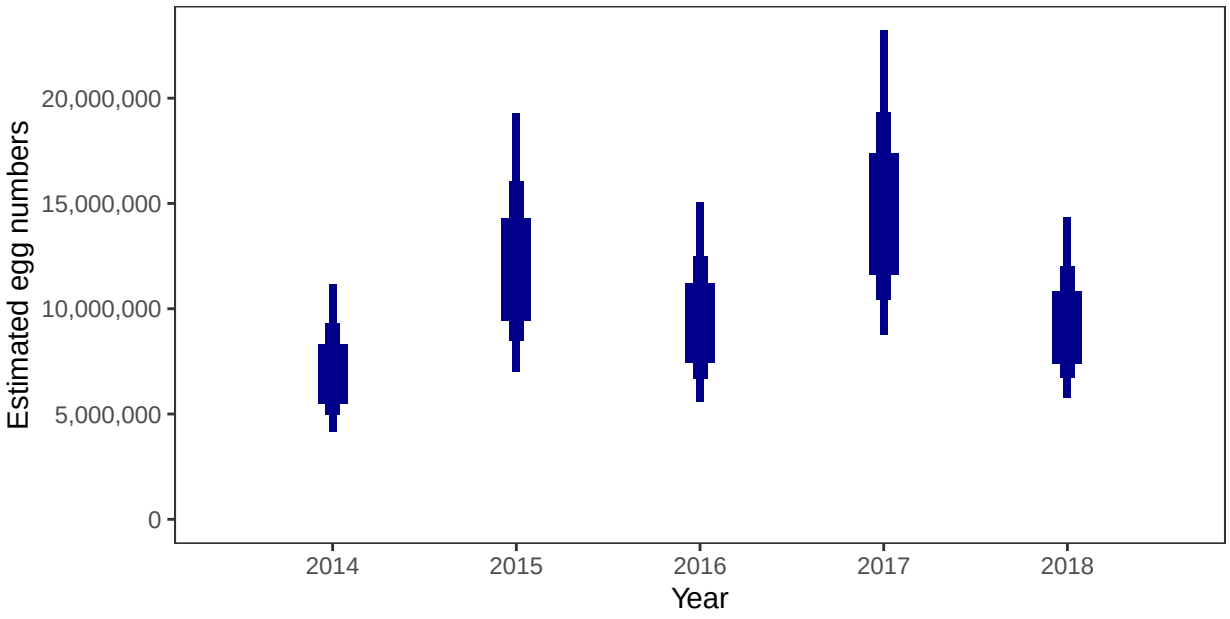


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



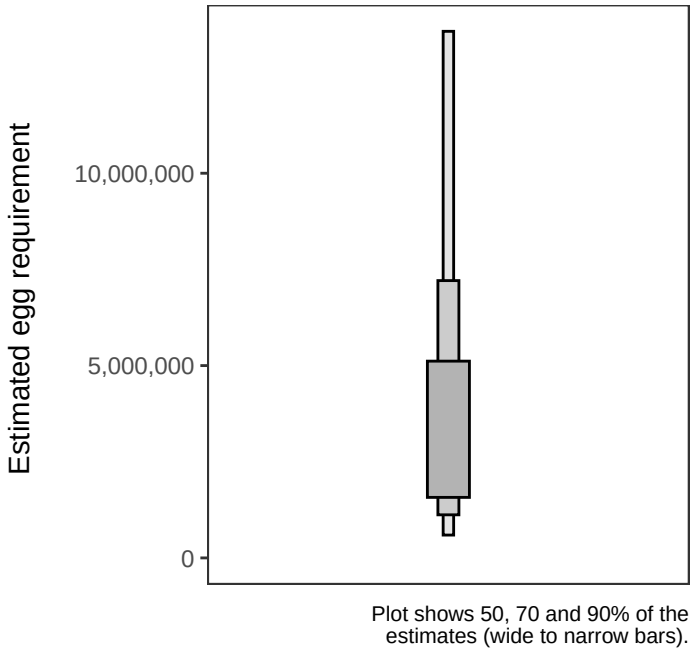
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

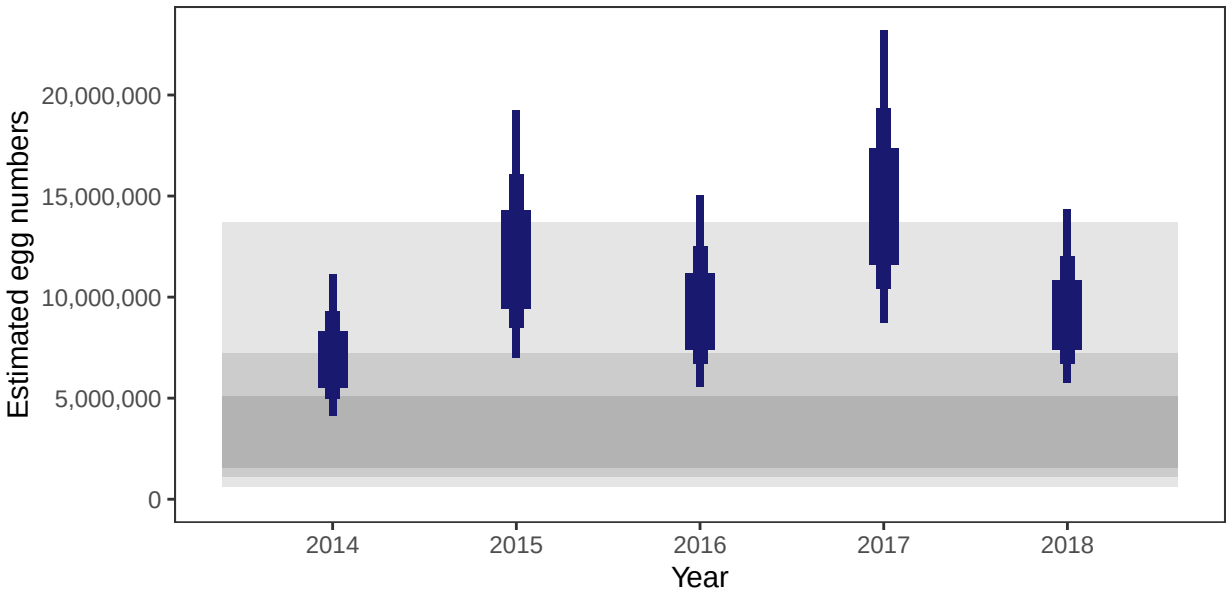
There is an estimated 1,127,803 square meters of known salmon habitat in the River Brora and a further 117,496 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	82.08
2015	92.45
2016	88.88
2017	94.79
2018	88.50



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Loth: Grade 3

Detailed information on catches is not publicly available for this assessment area

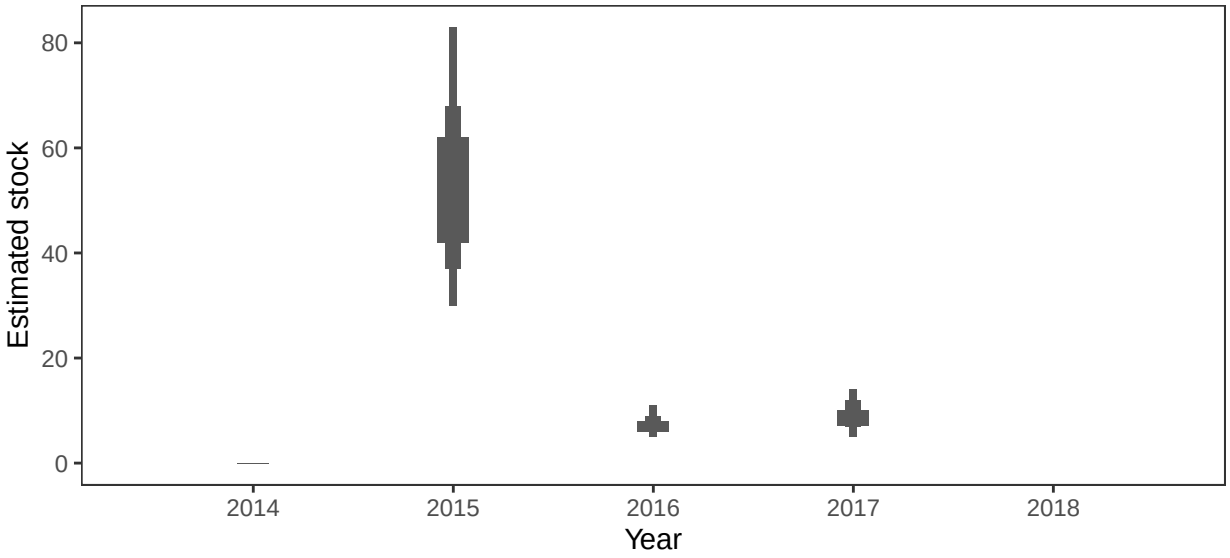
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.71	20,800	56,432	0	79.98	9.48	17.14	0	21.32	3

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

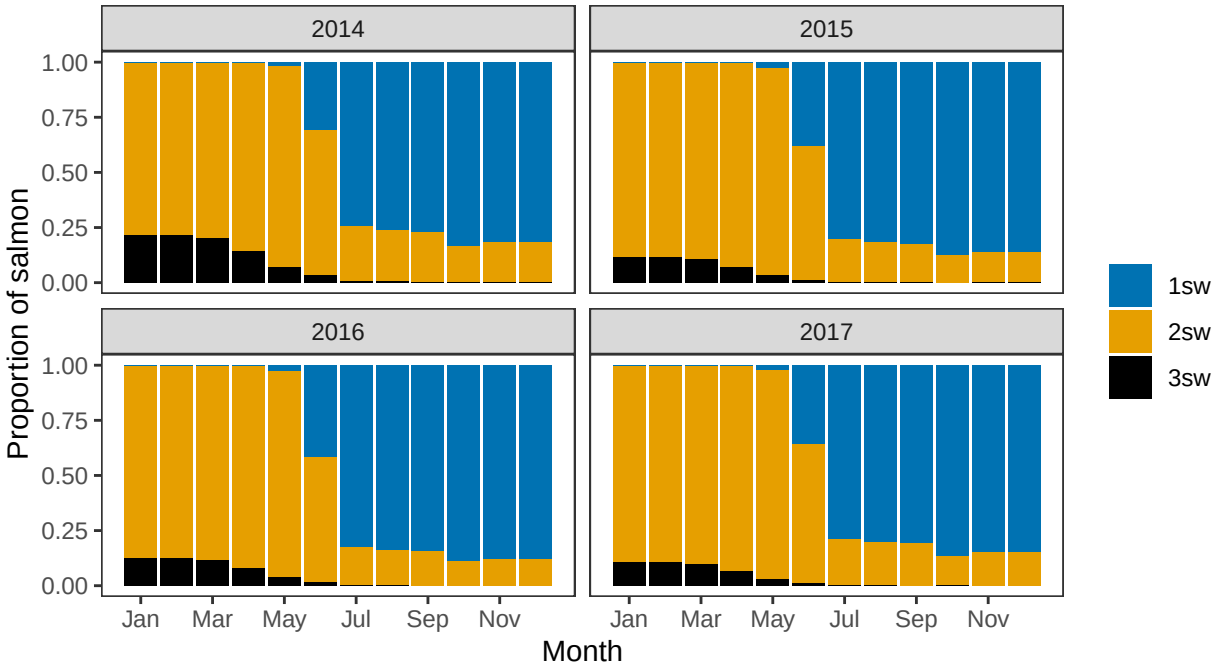
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

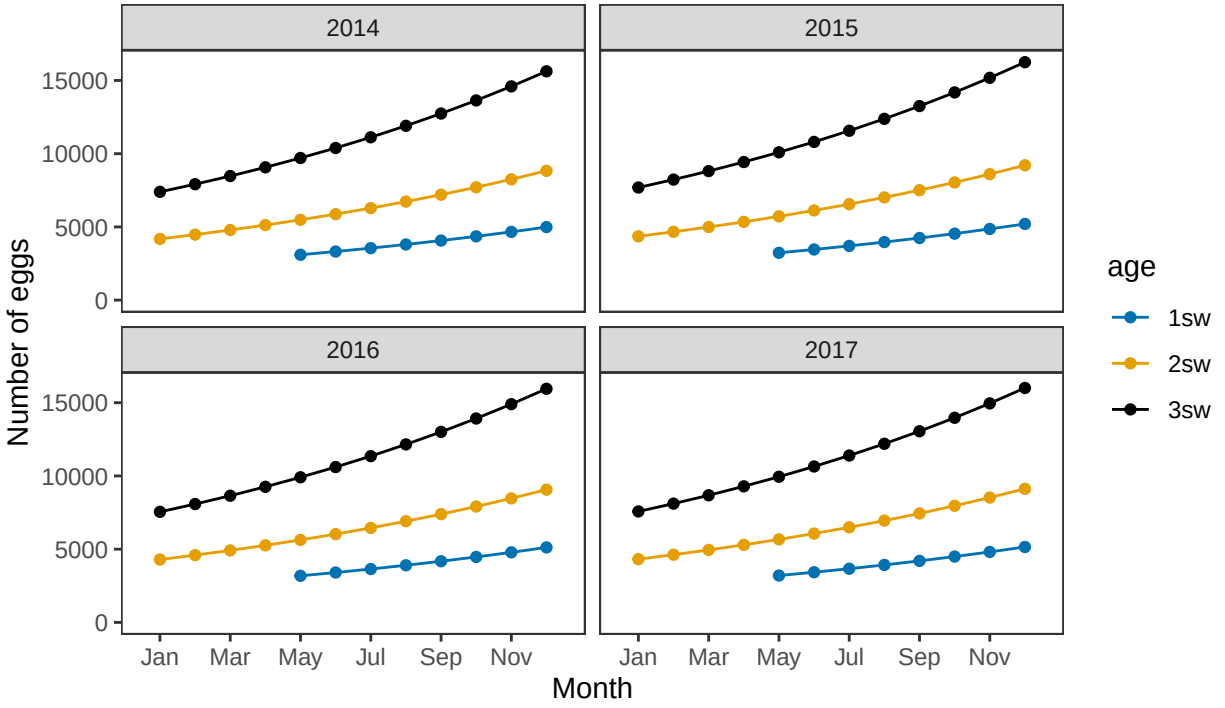
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

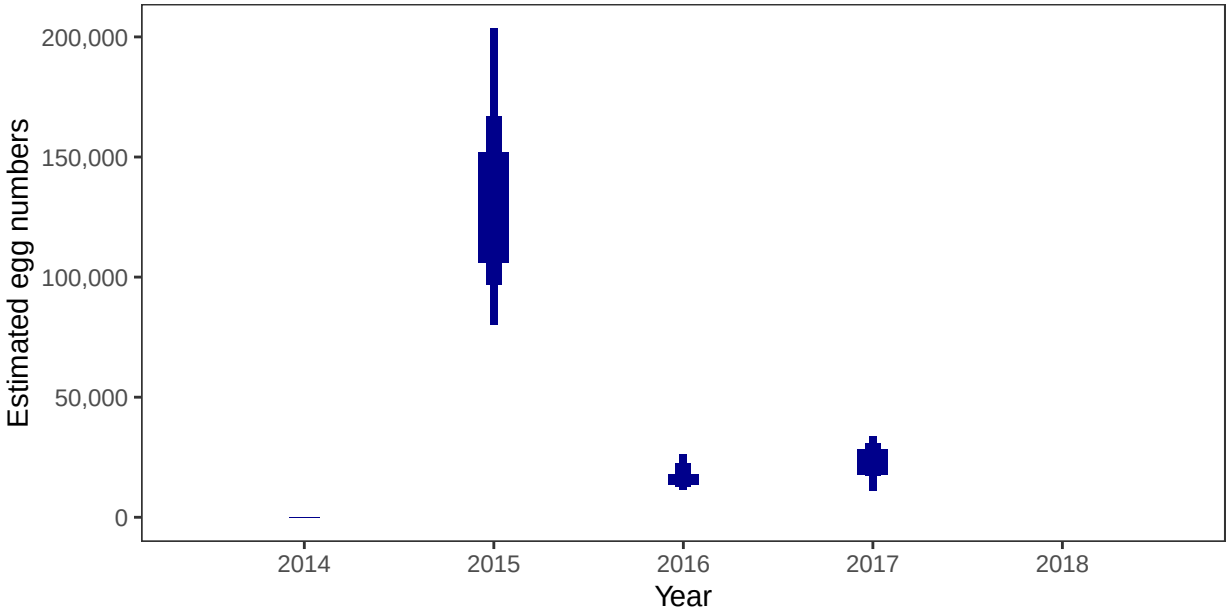


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



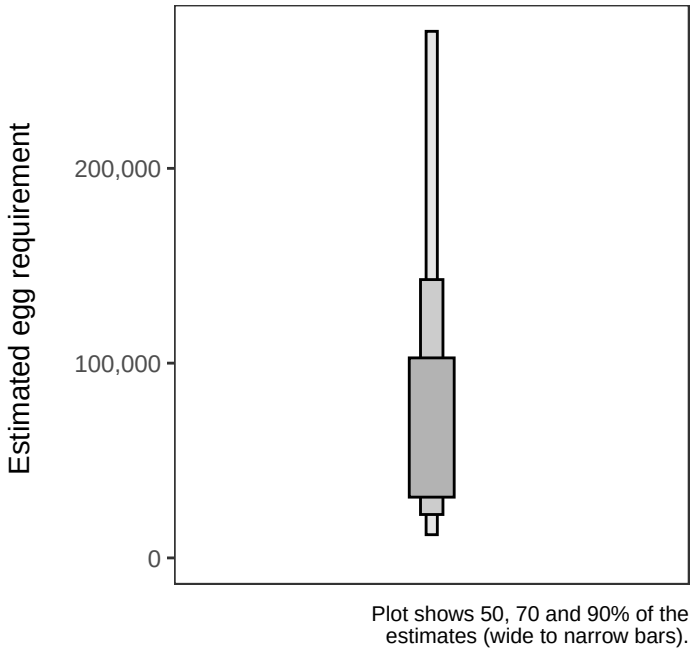
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

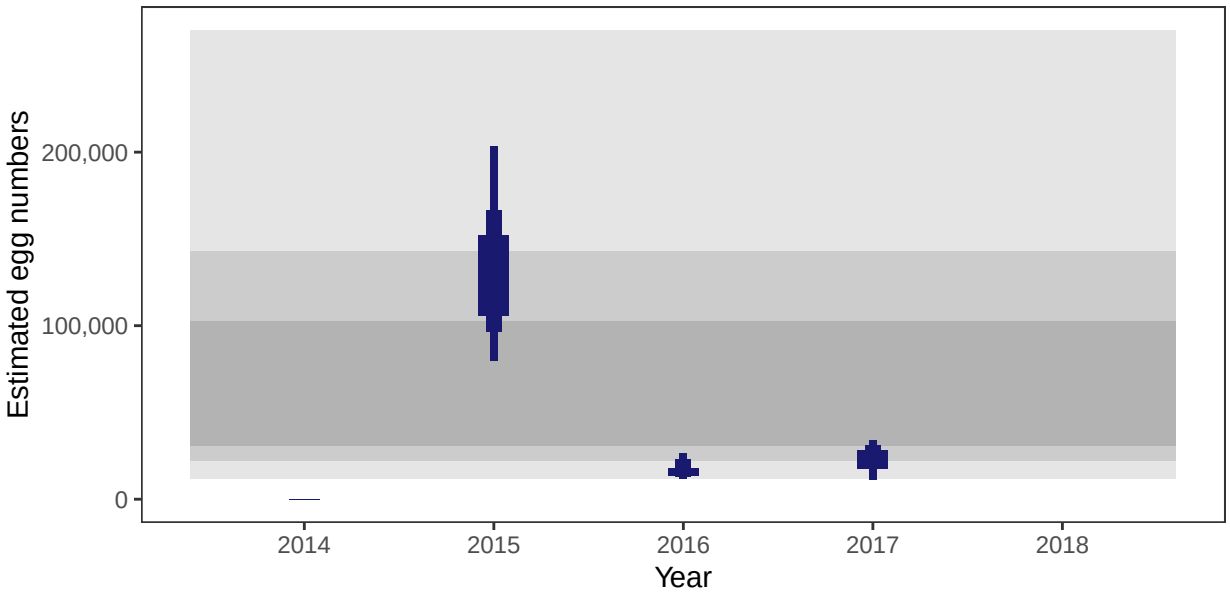
There is an estimated 23,584 square meters of known salmon habitat in the River Loth and a further 0 square meters where salmon may be present.

Egg requirement



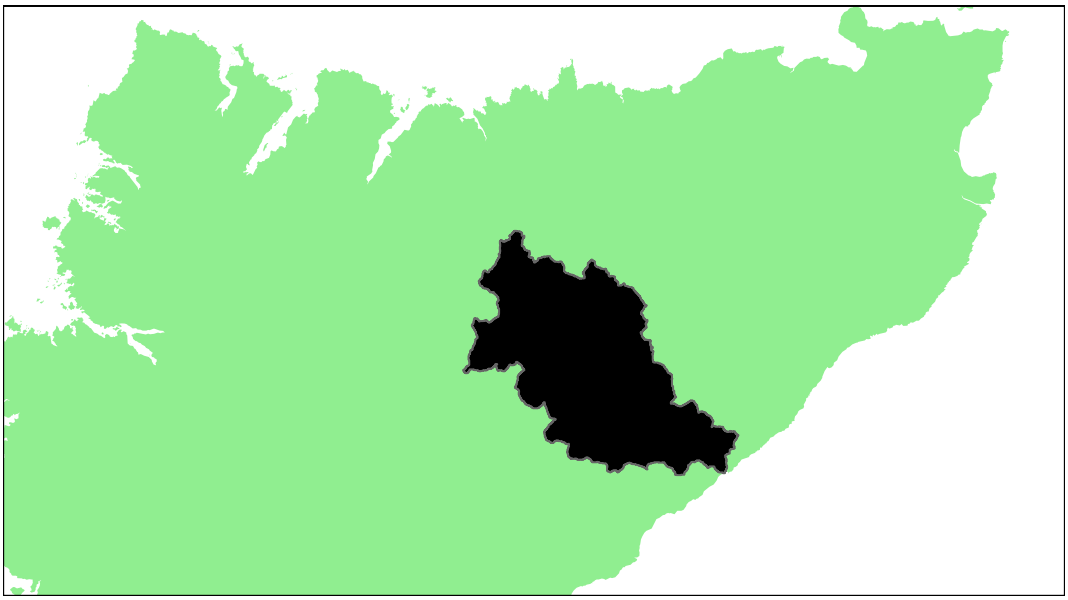
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	-
2015	79.98
2016	9.48
2017	17.14
2018	-



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Helmsdale: Grade 1



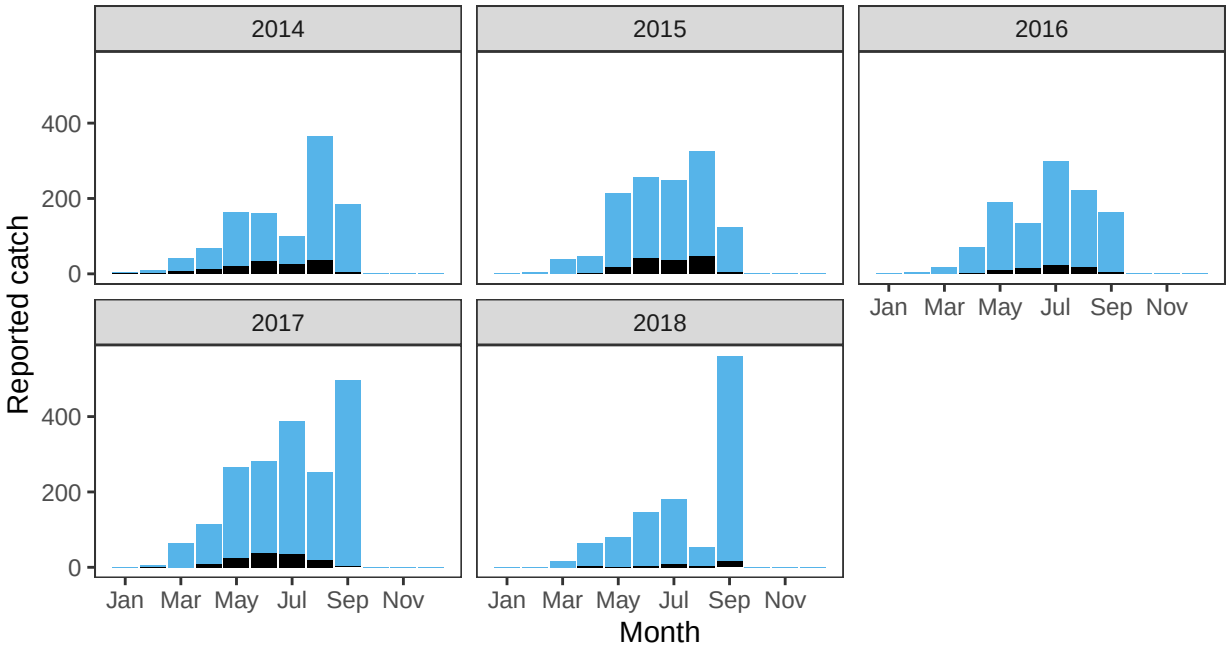
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
3.8	1,063,000	4,039,938	99.94	99.92	99.89	100	99.99	99.95	1

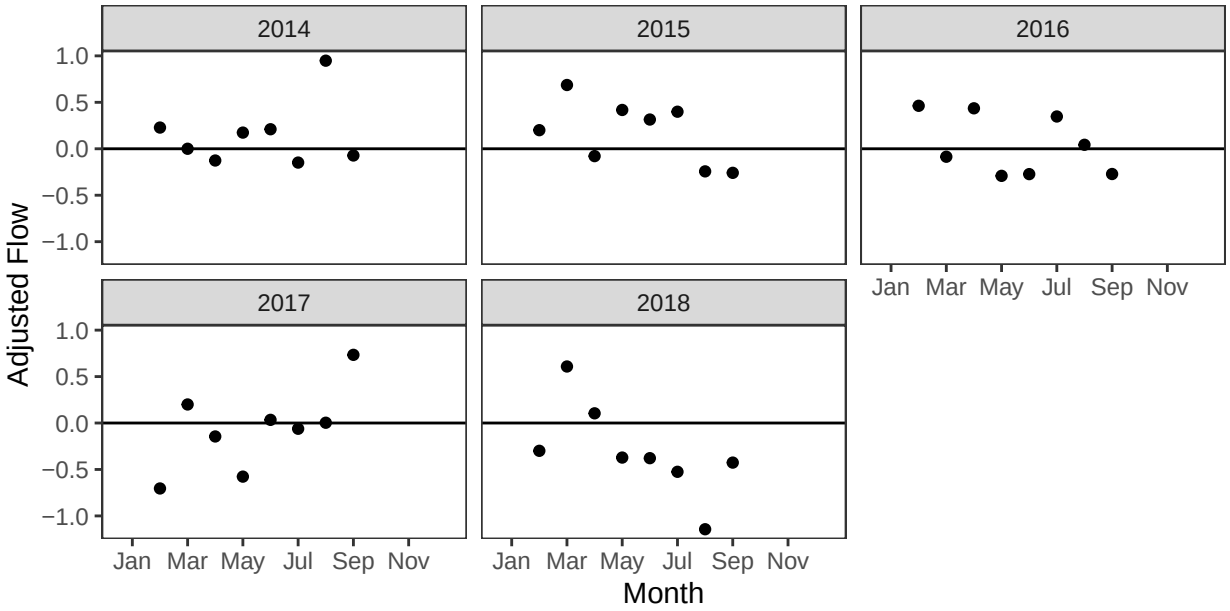
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

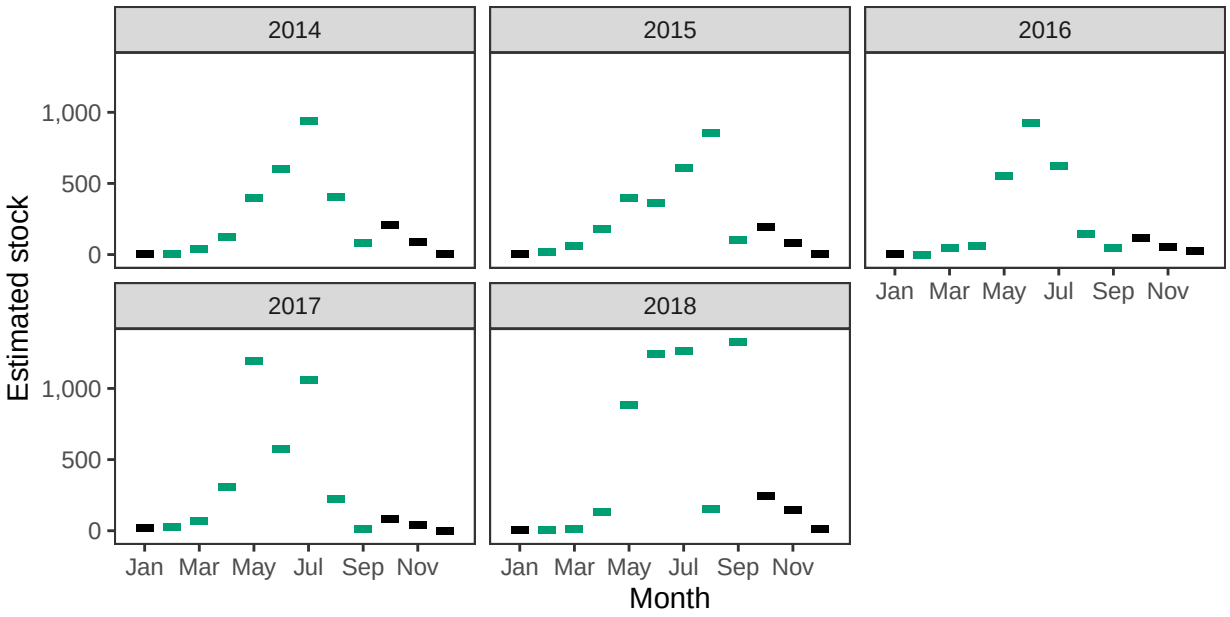
Reported Catches (black = retained, blue = released)



Monthly flow data

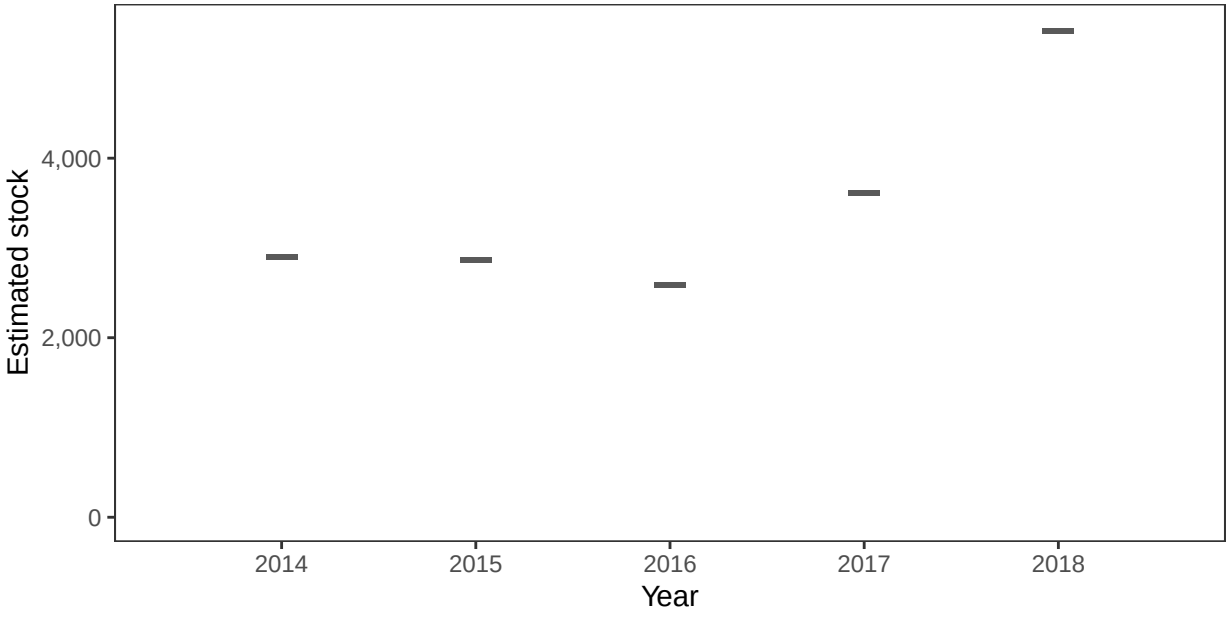


Monthly stock estimates (out of season in black)



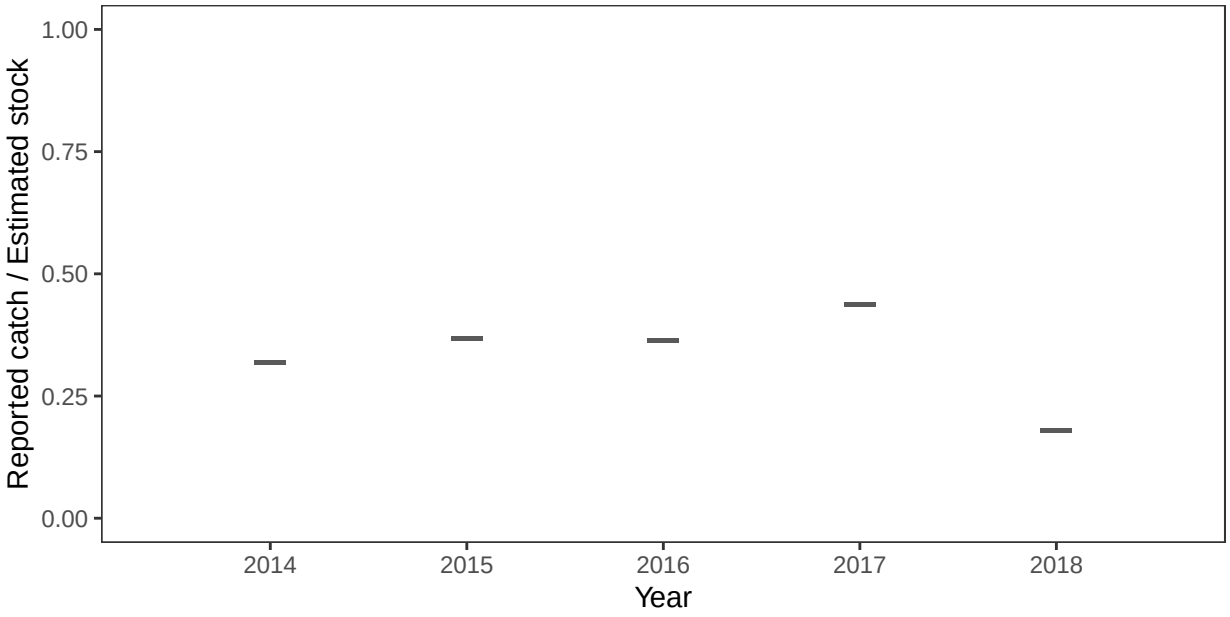
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

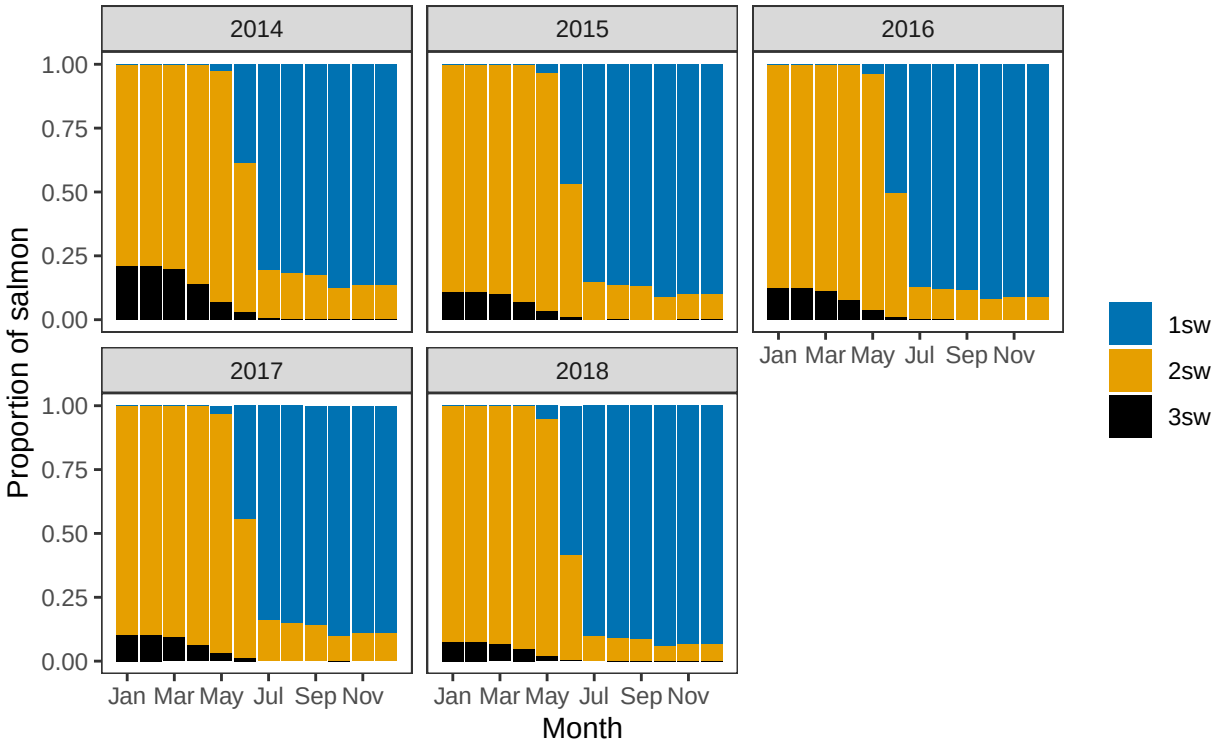
Annual catch as a proportion of stock



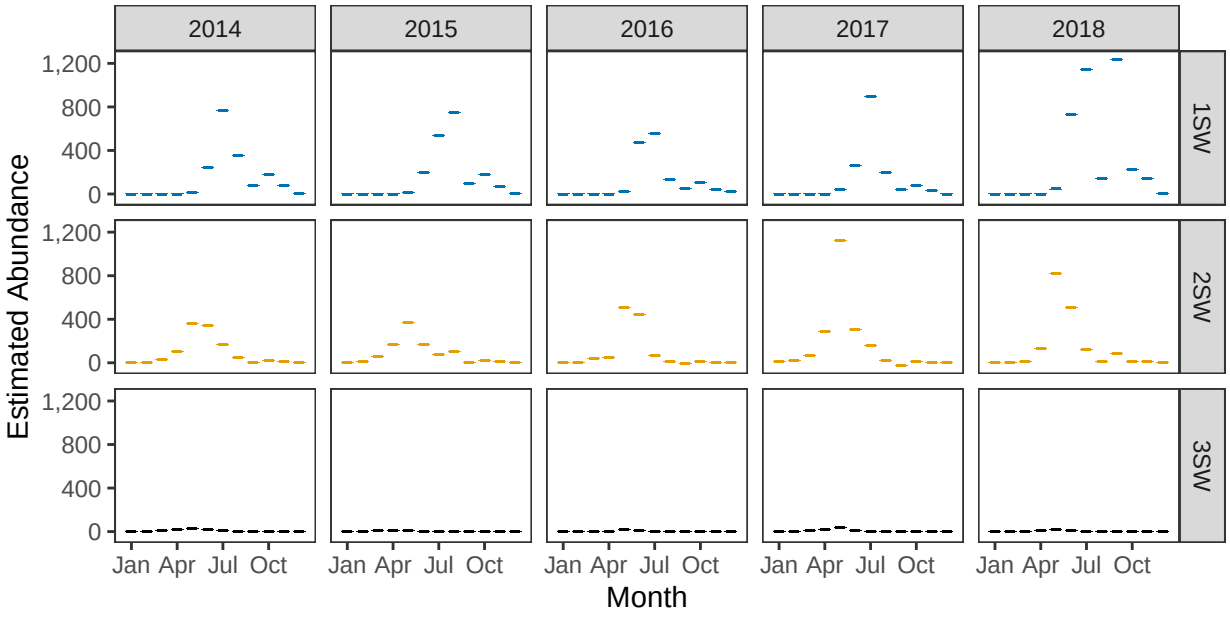
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



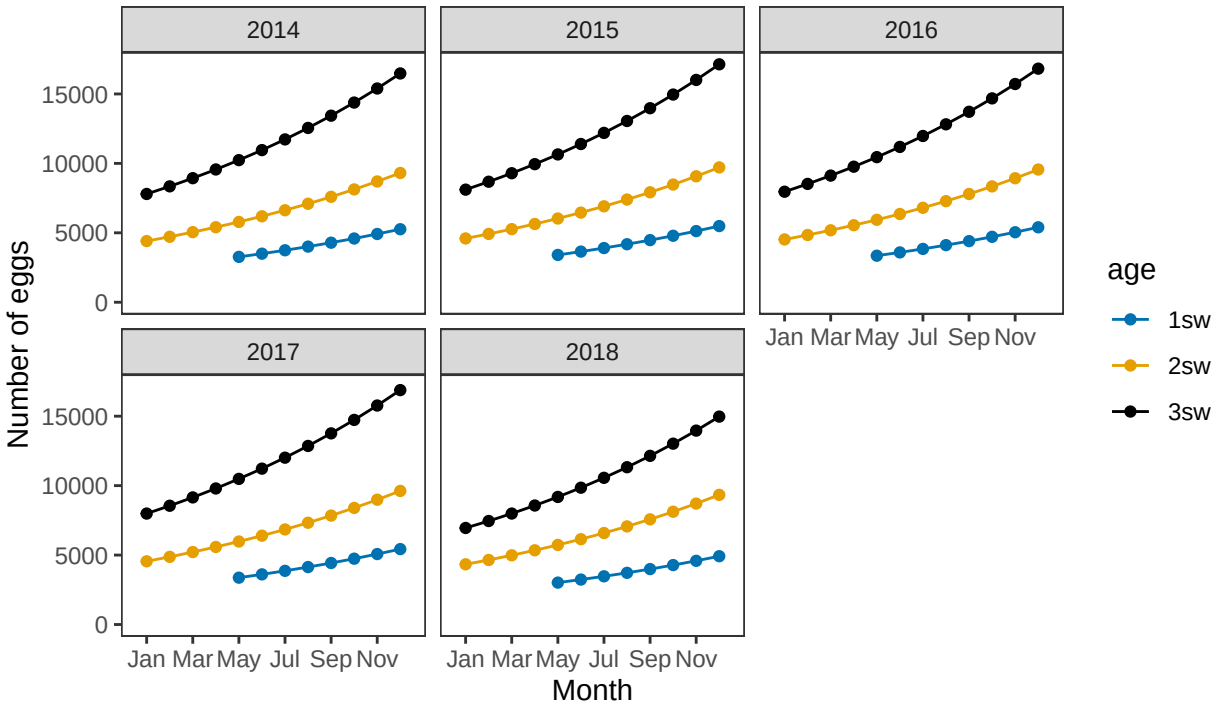
Monthly number of spawning females



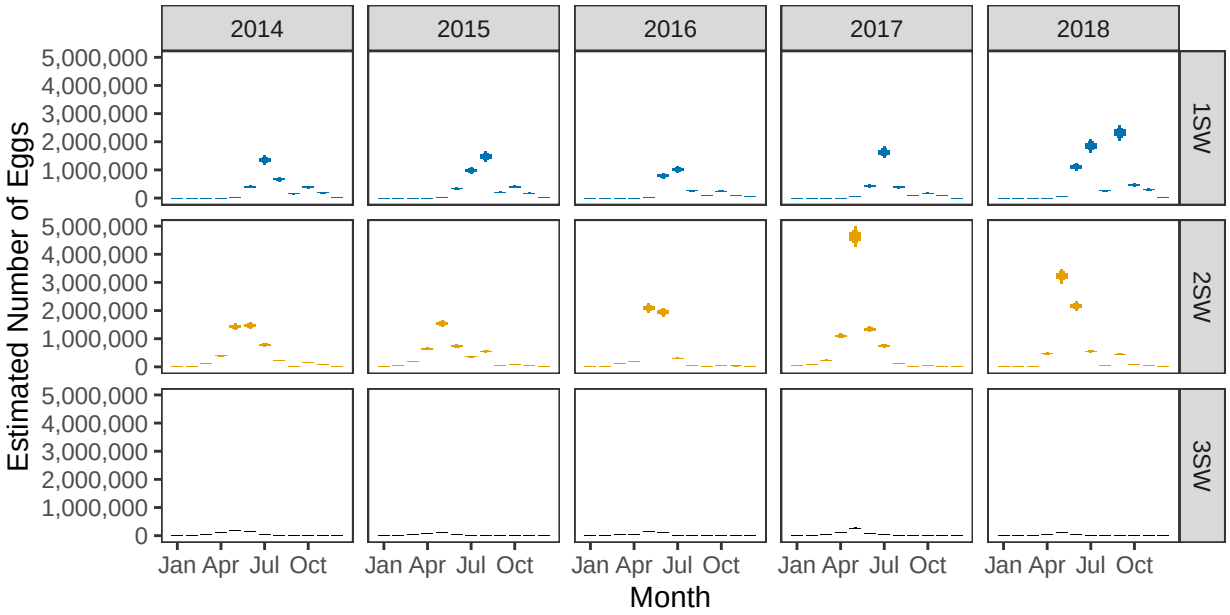
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

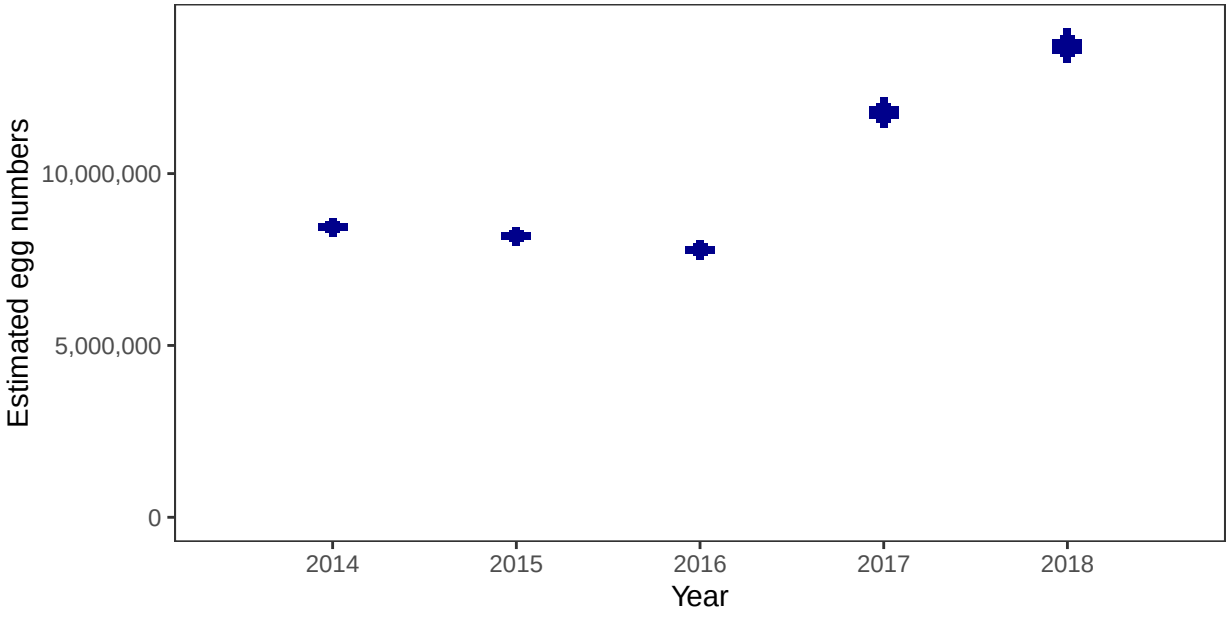


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



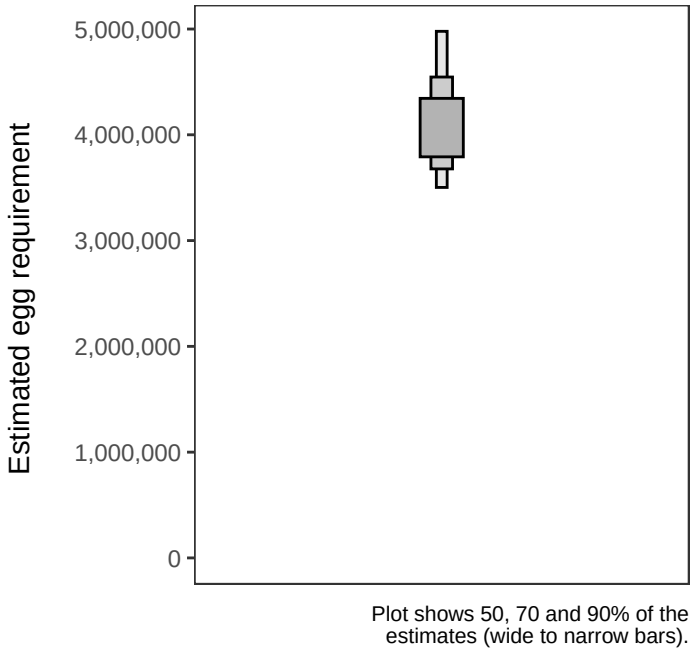
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

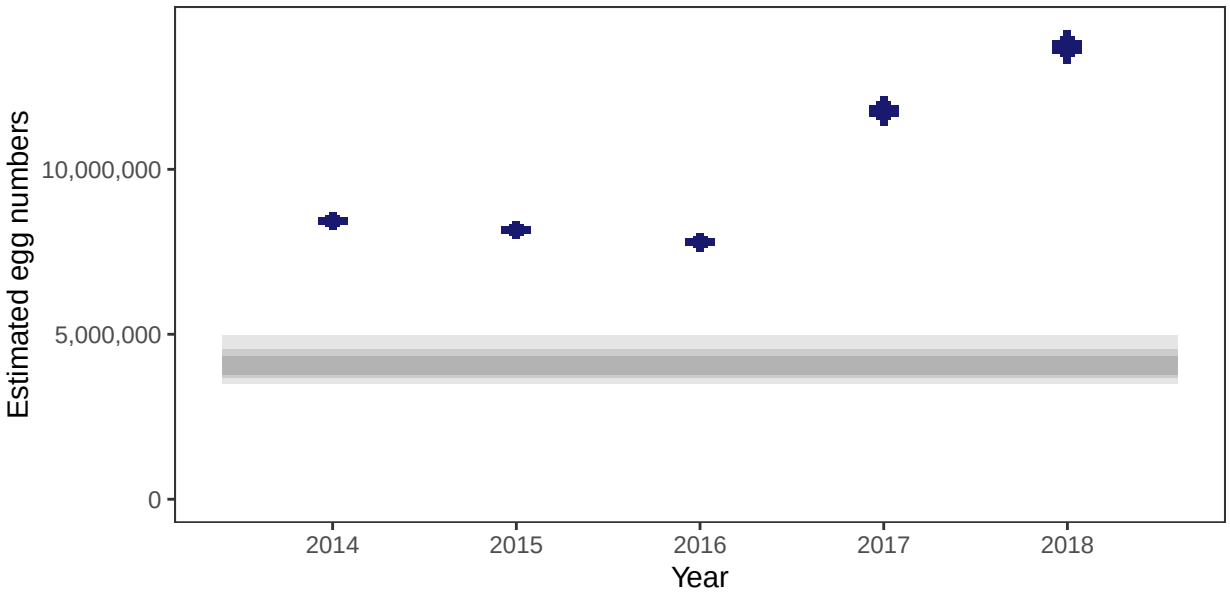
There is an estimated 1,181,419 square meters of known salmon habitat in the River Helmsdale and a further 26,509 square meters where salmon may be present.

Egg requirement



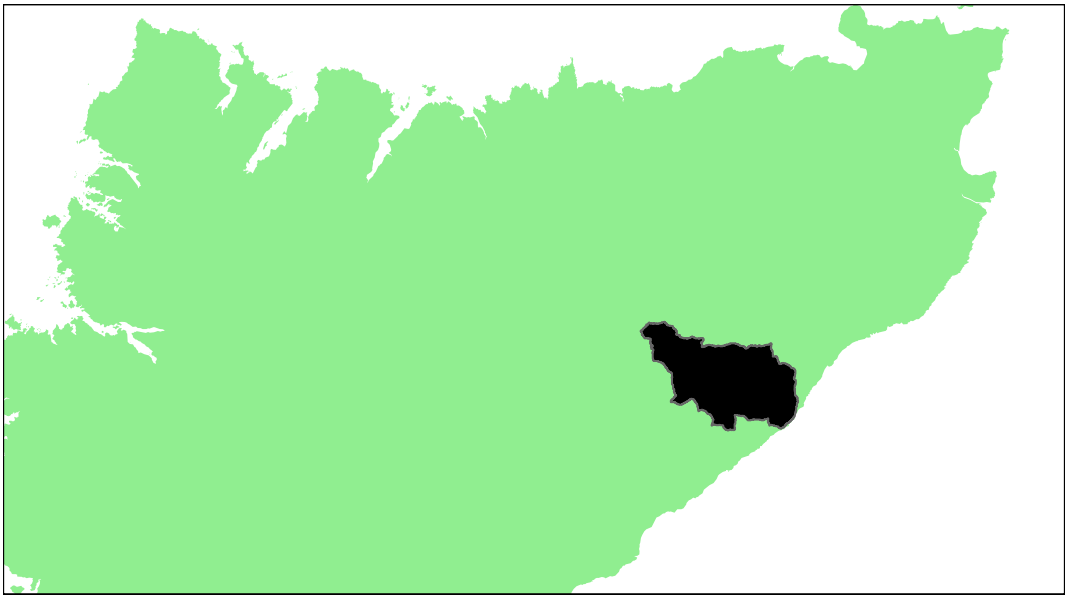
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	99.94
2015	99.92
2016	99.89
2017	100.00
2018	99.99



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Berriedale and Langwell Waters SAC: Grade 2



Detailed information on catches is not publicly available for this assessment area

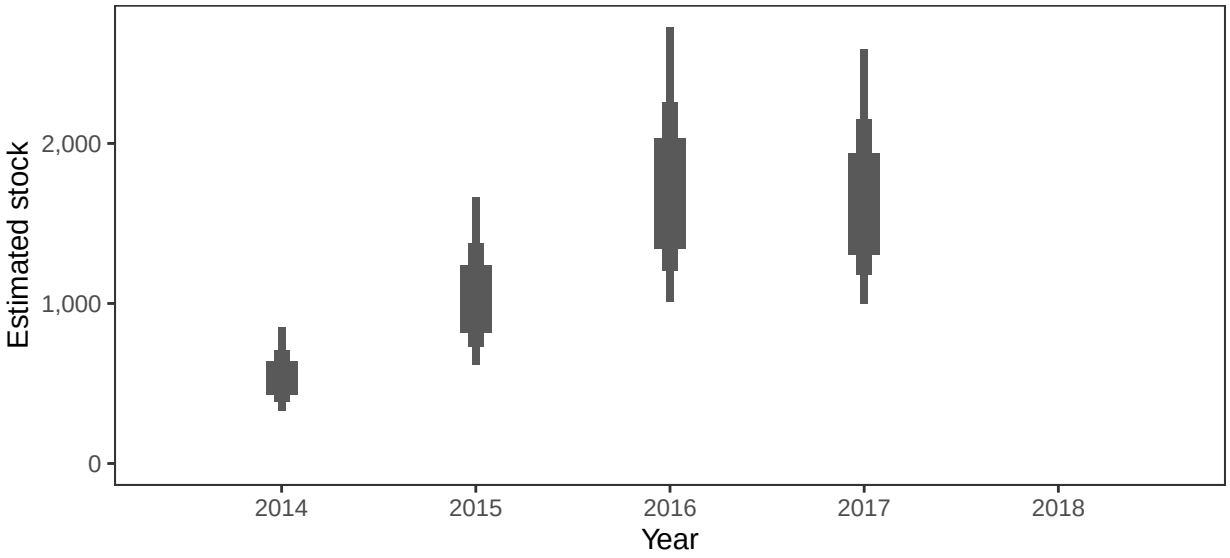
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
1.58	587,300	927,122	70.53	86.11	91.65	93.86	0	68.43	2

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

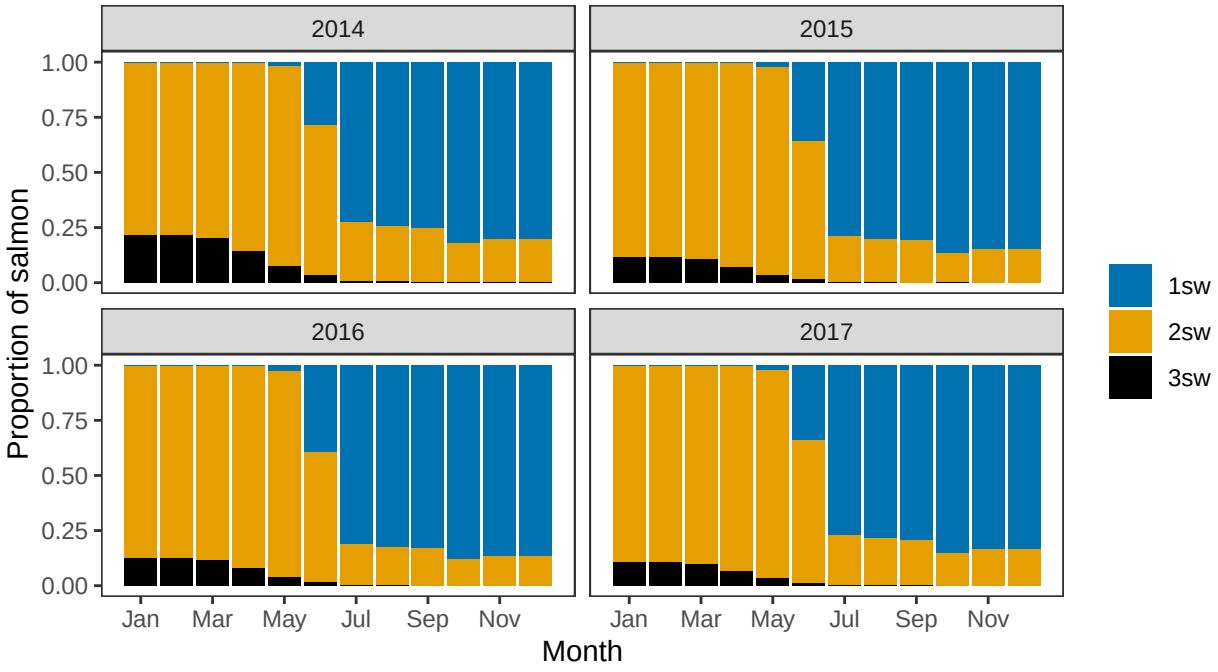
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

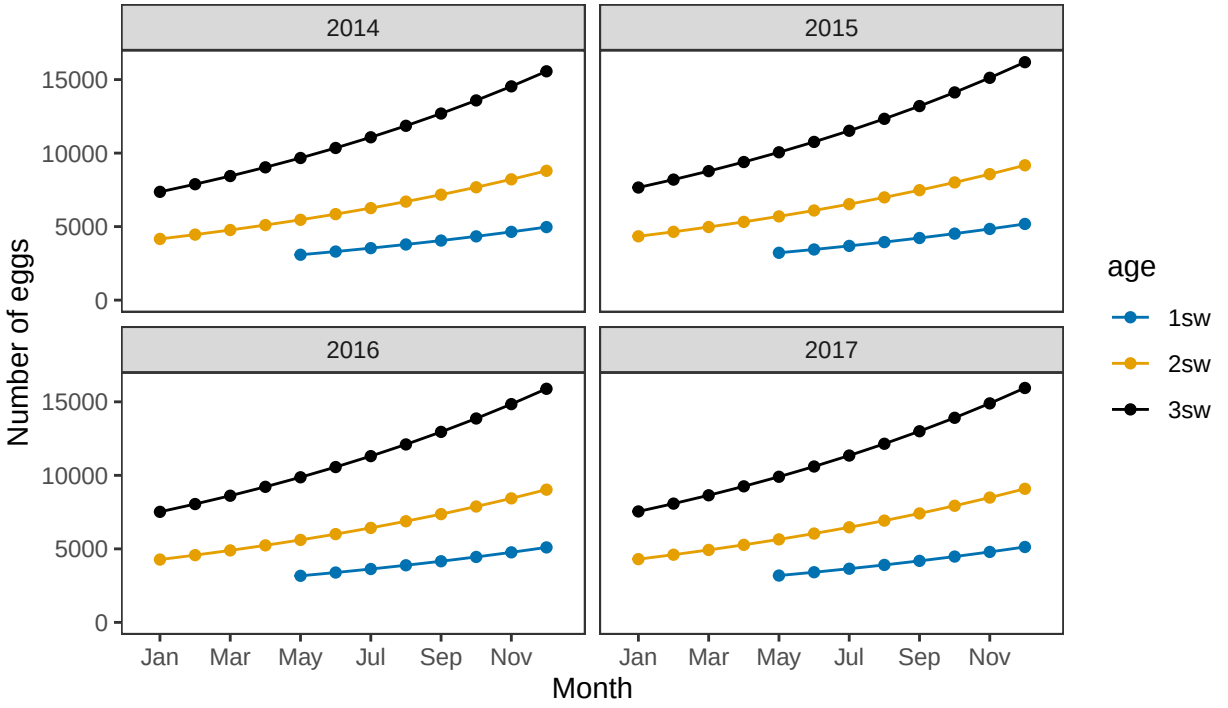
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

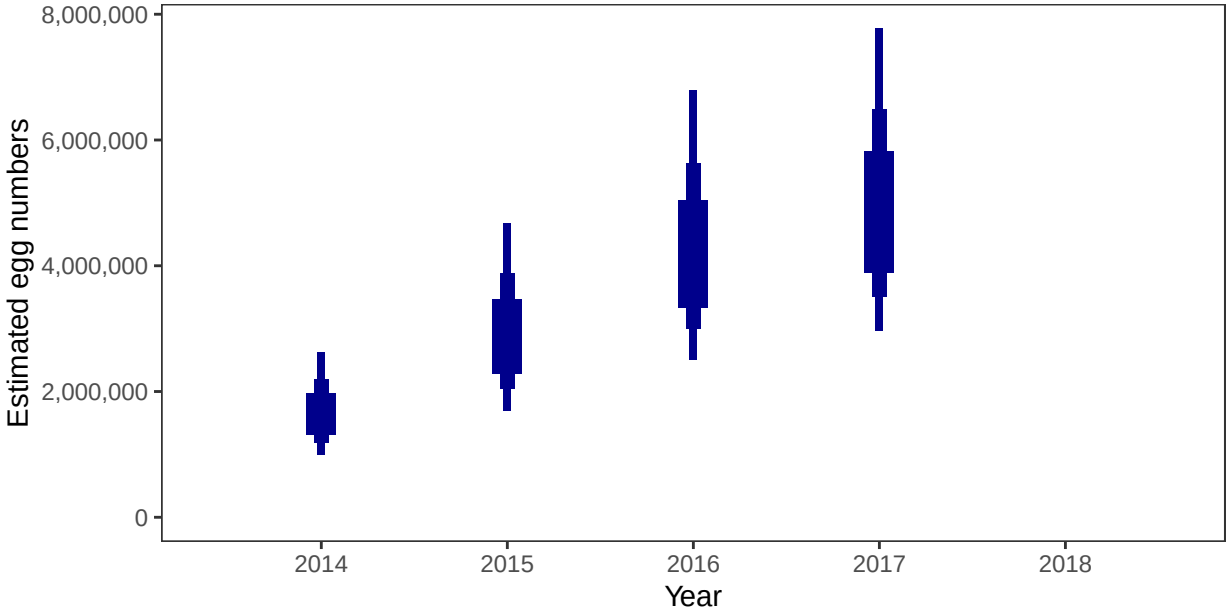


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



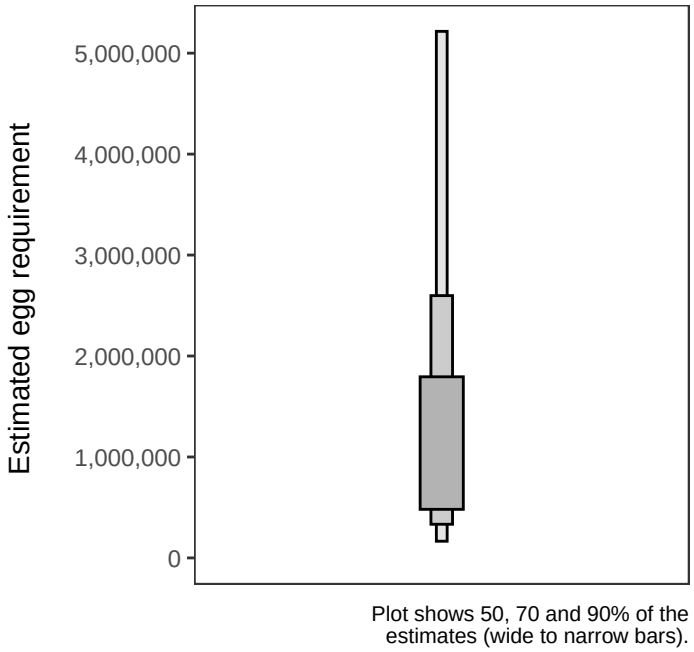
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

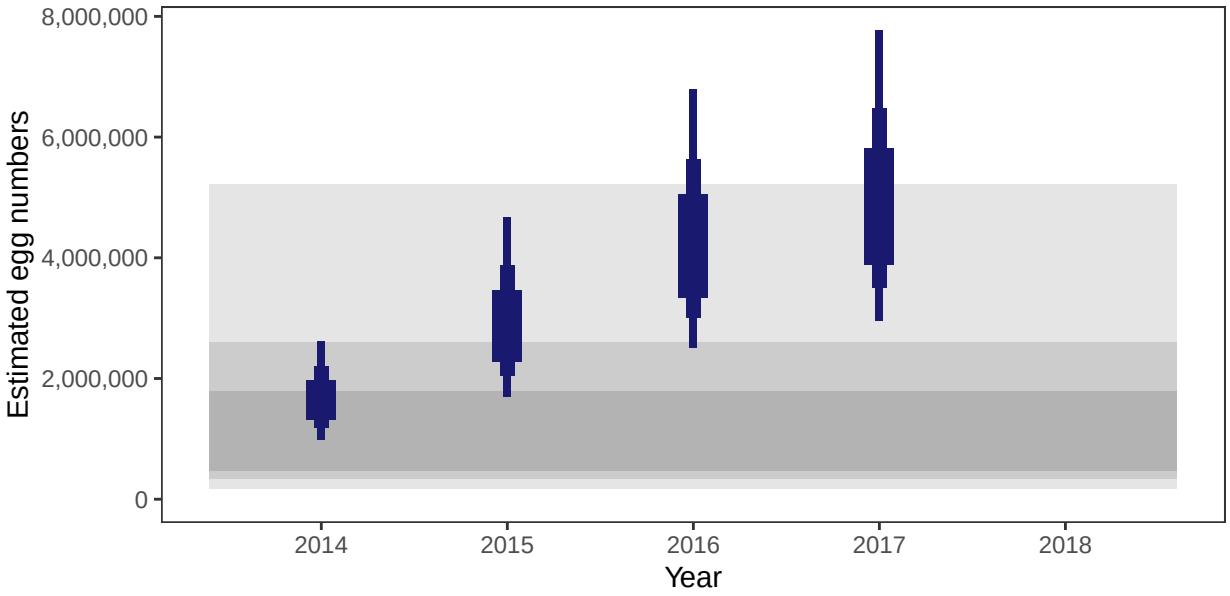
There is an estimated 498,899 square meters of known salmon habitat in the Berriedale and Langwell Waters SAC and a further 168,534 square meters where salmon may be present.

Egg requirement



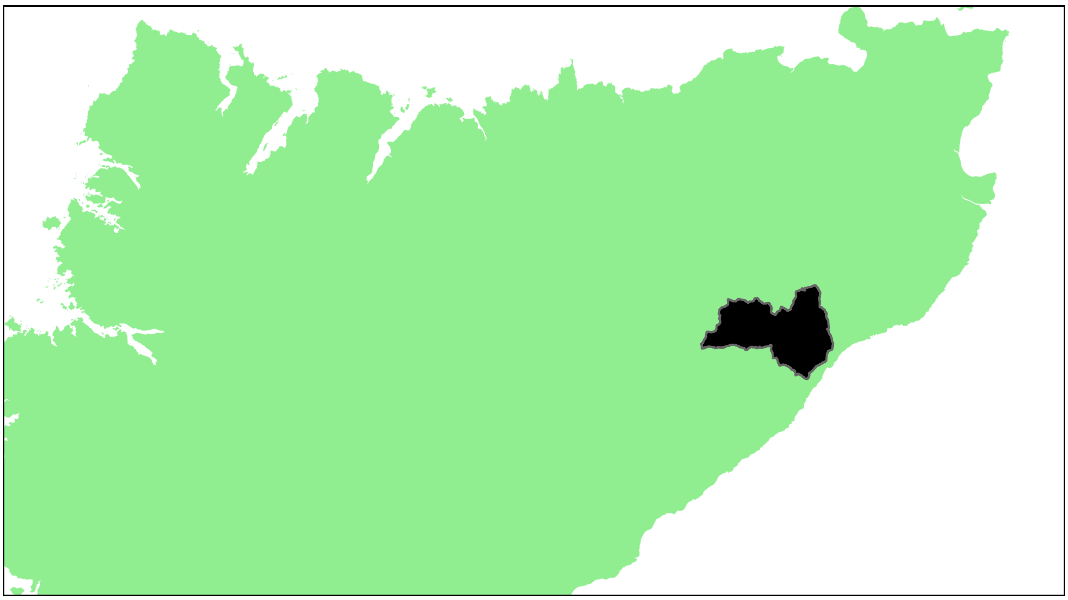
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	70.53
2015	86.11
2016	91.65
2017	93.86
2018	-



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Dunbeath Water: Grade 1



Detailed information on catches is not publicly available for this assessment area

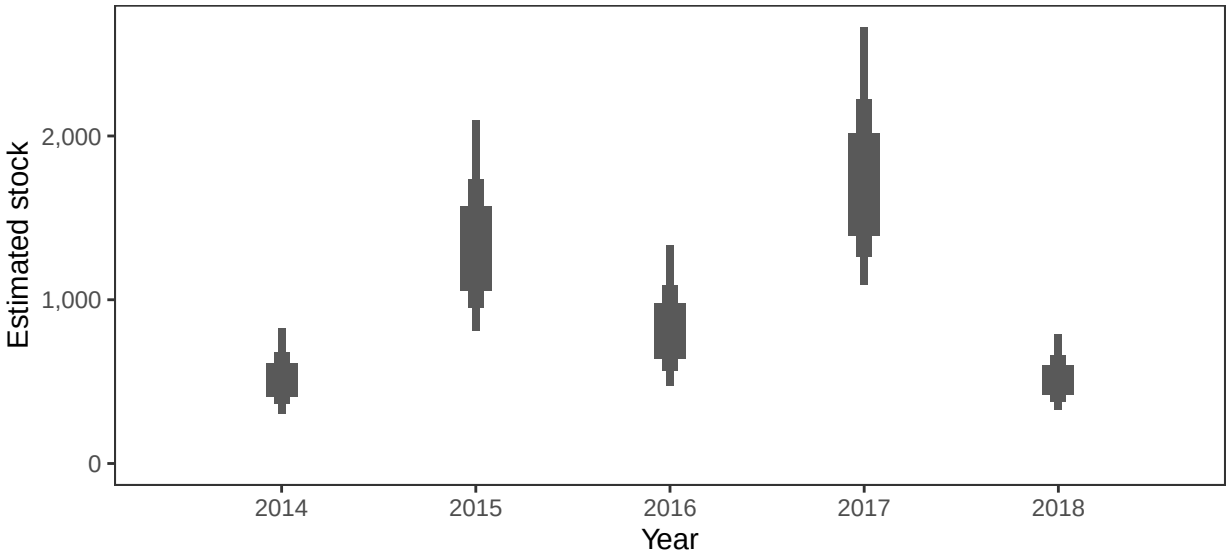
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
1.6	286,900	458,352	85.47	96.62	91.2	98.03	81.33	90.53	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

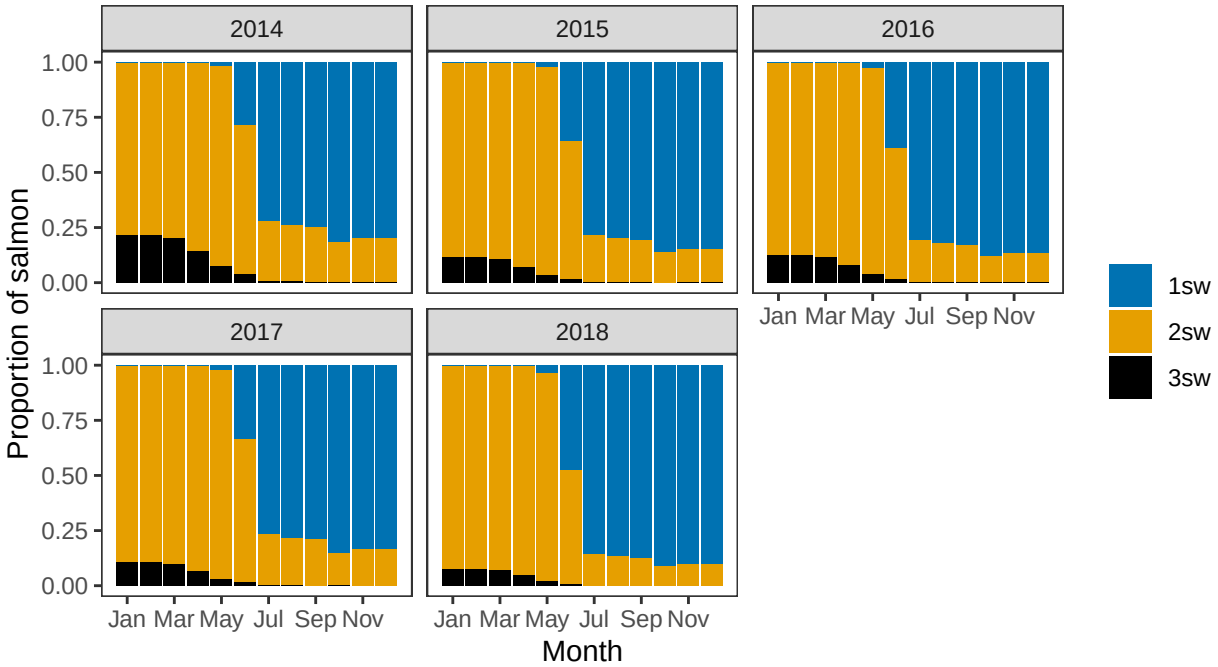
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

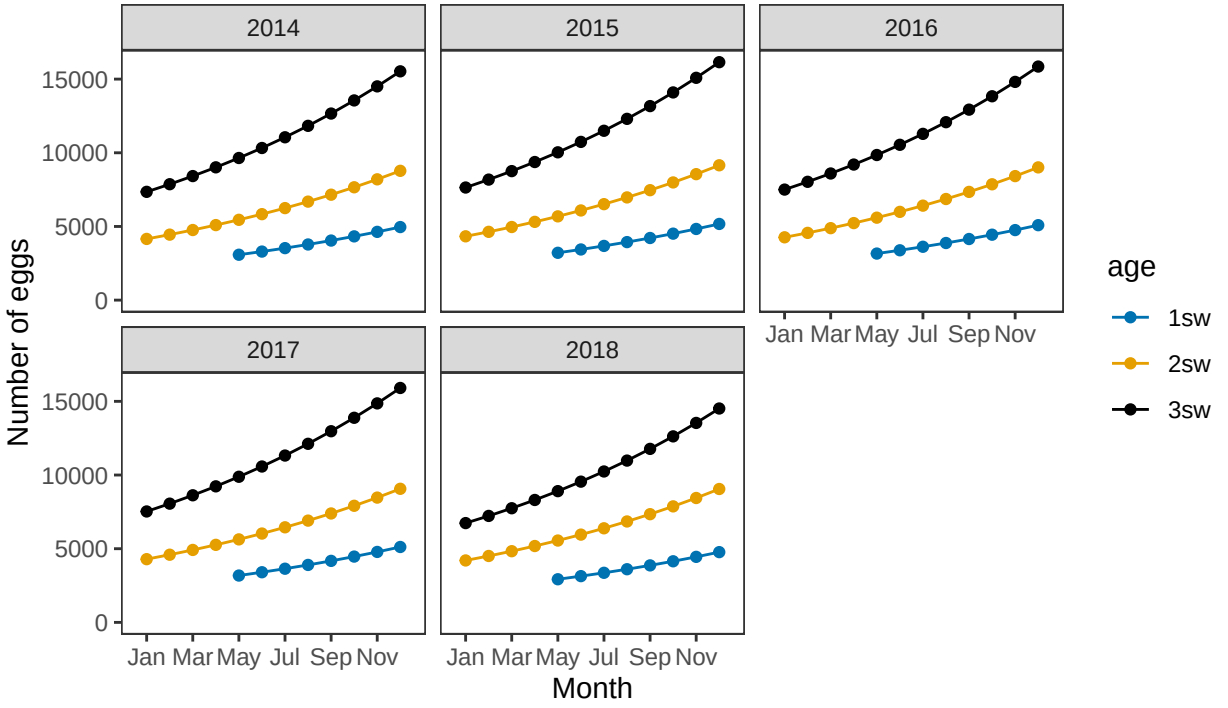
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

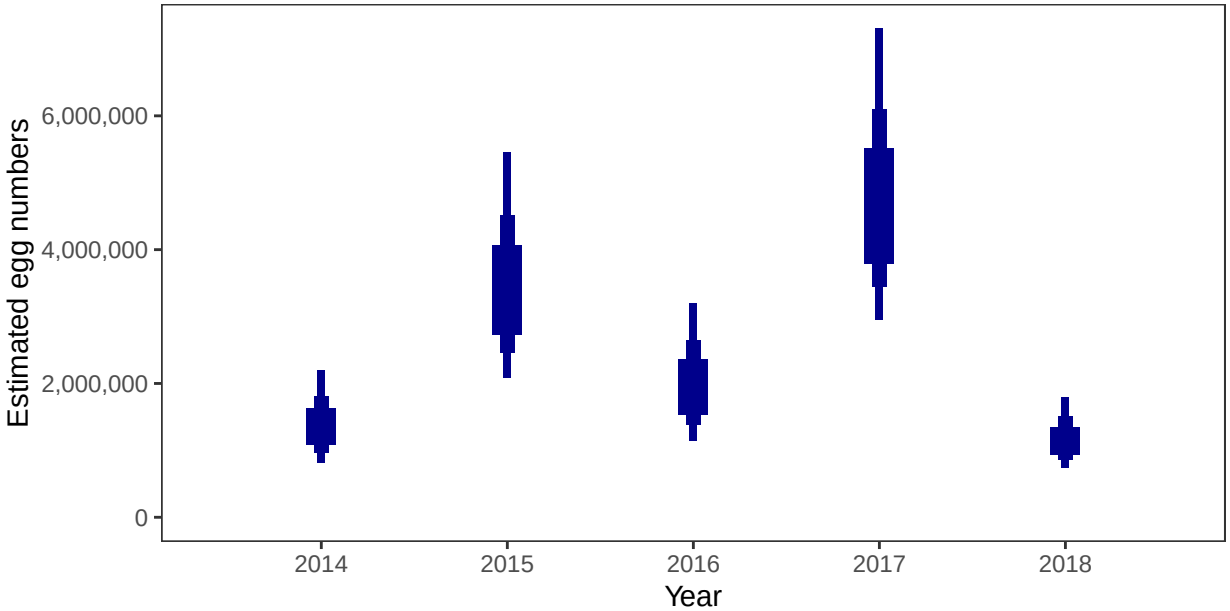


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



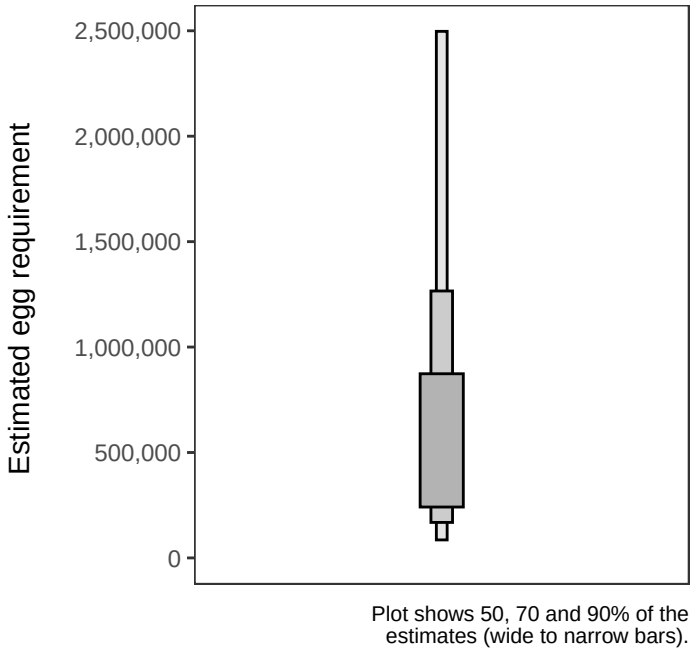
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

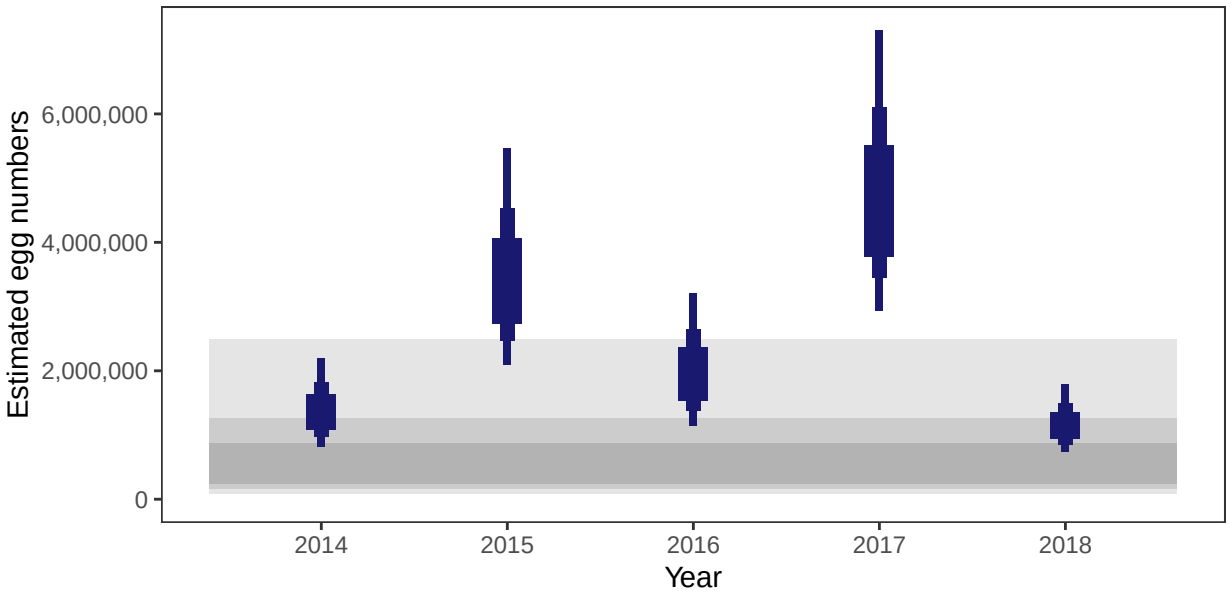
There is an estimated 221,170 square meters of known salmon habitat in the Dunbeath Water and a further 104,801 square meters where salmon may be present.

Egg requirement



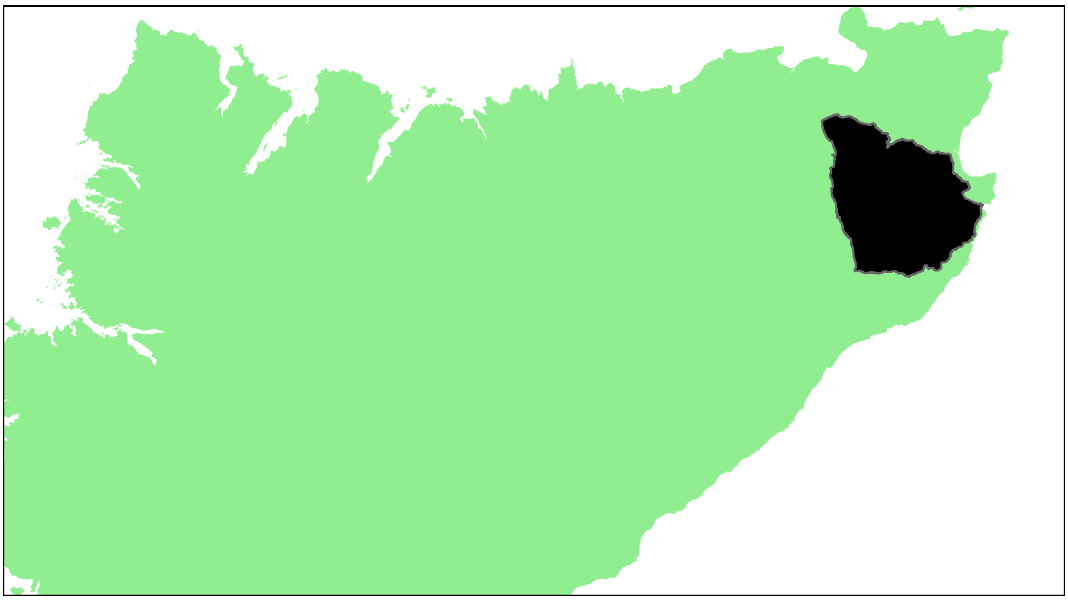
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	85.47
2015	96.62
2016	91.20
2017	98.03
2018	81.33



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Wick River: Grade 1



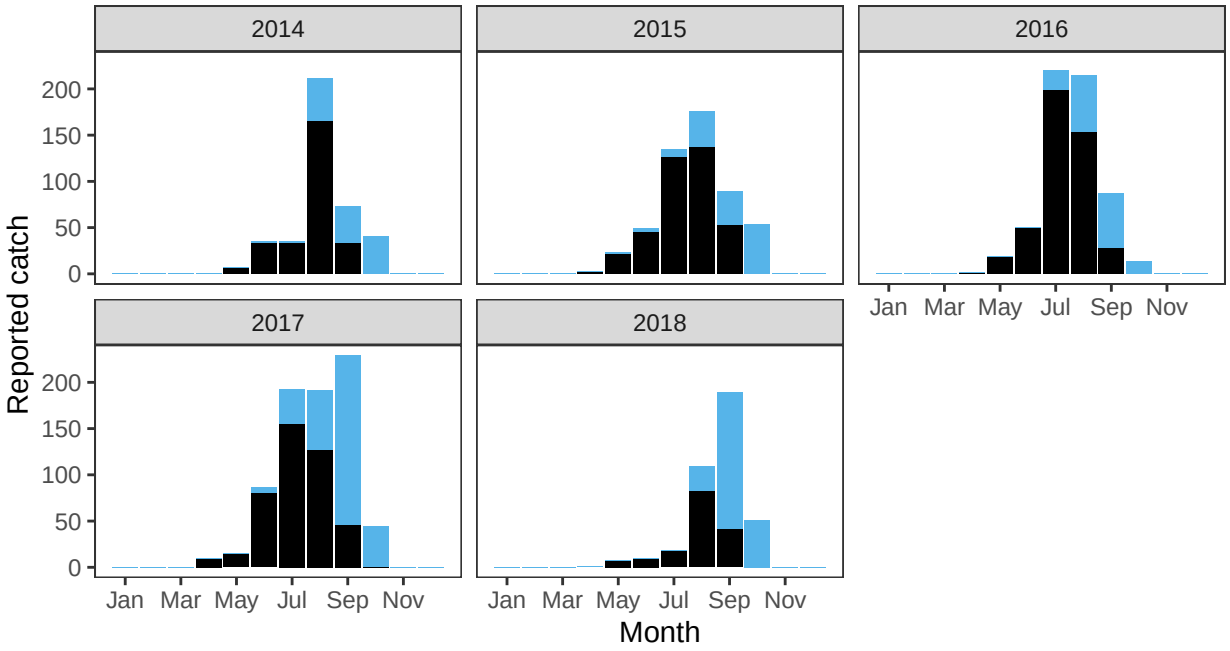
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
3.35	448,700	1,505,254	90.54	94.93	96.58	97.01	95.06	94.82	1

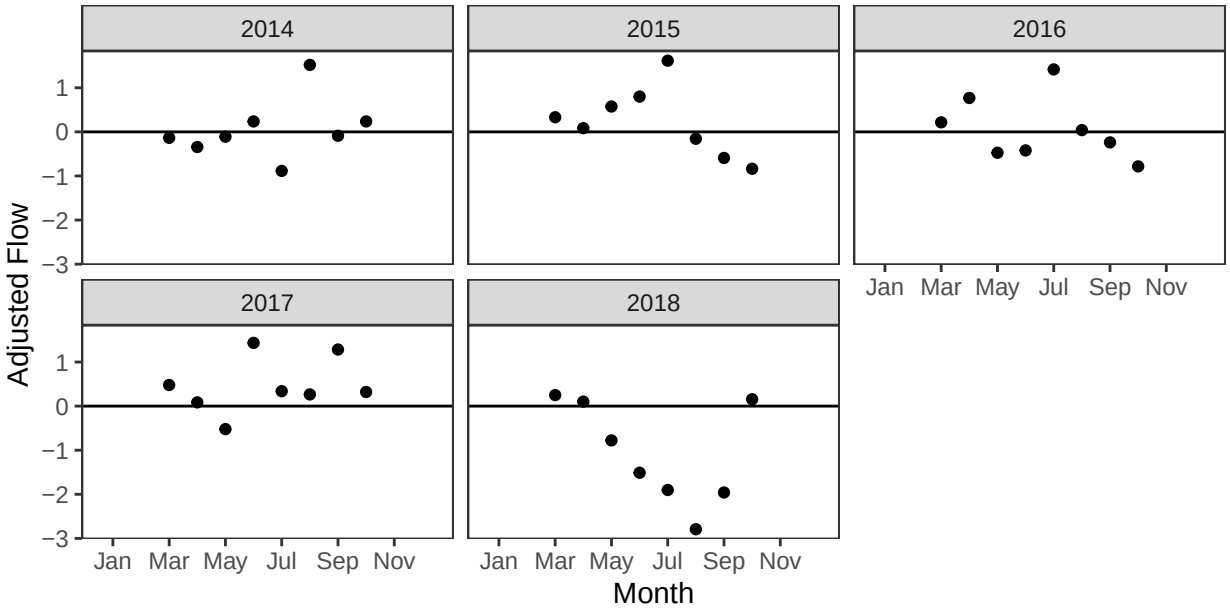
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

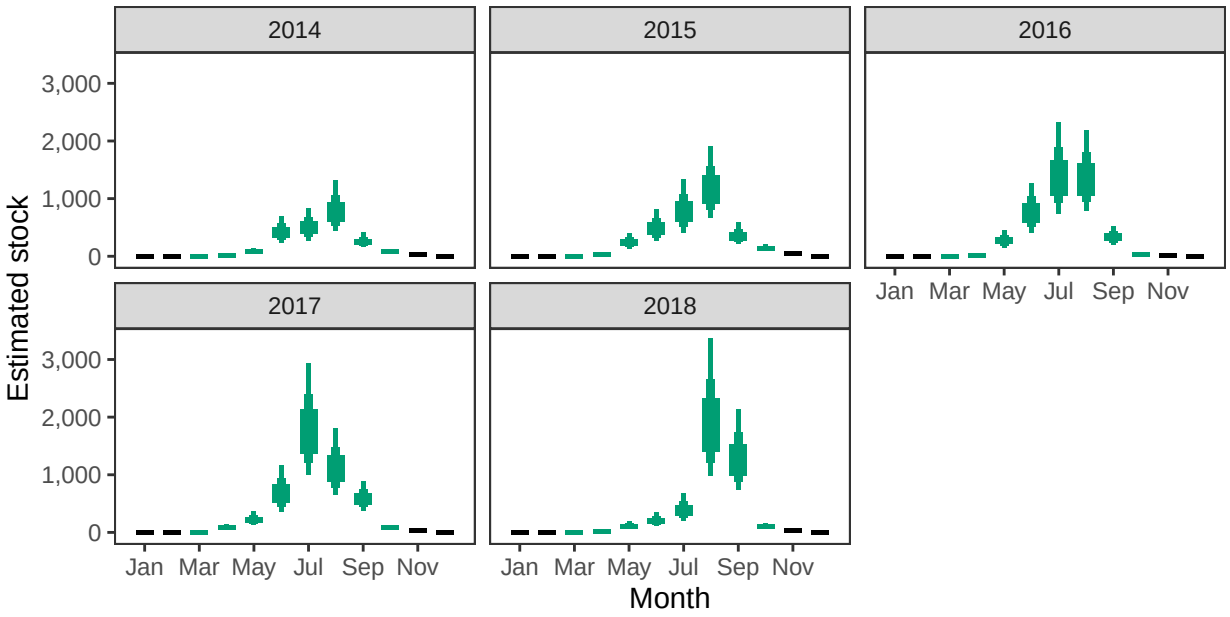
Reported Catches (black = retained, blue = released)



Monthly flow data

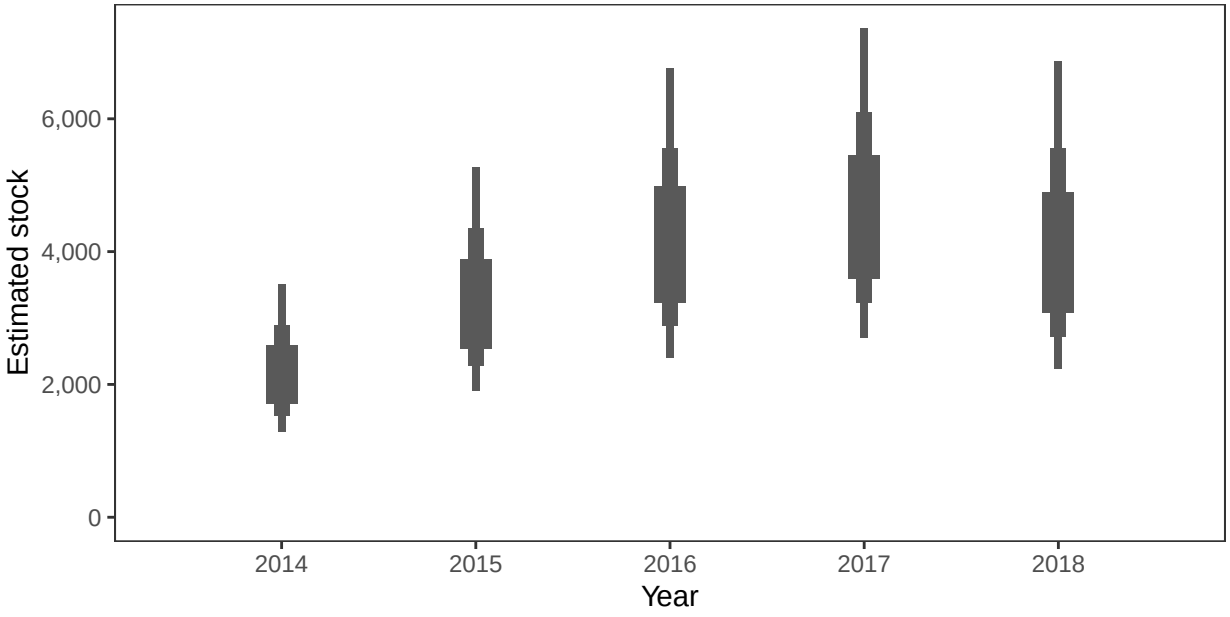


Monthly stock estimates (out of season in black)



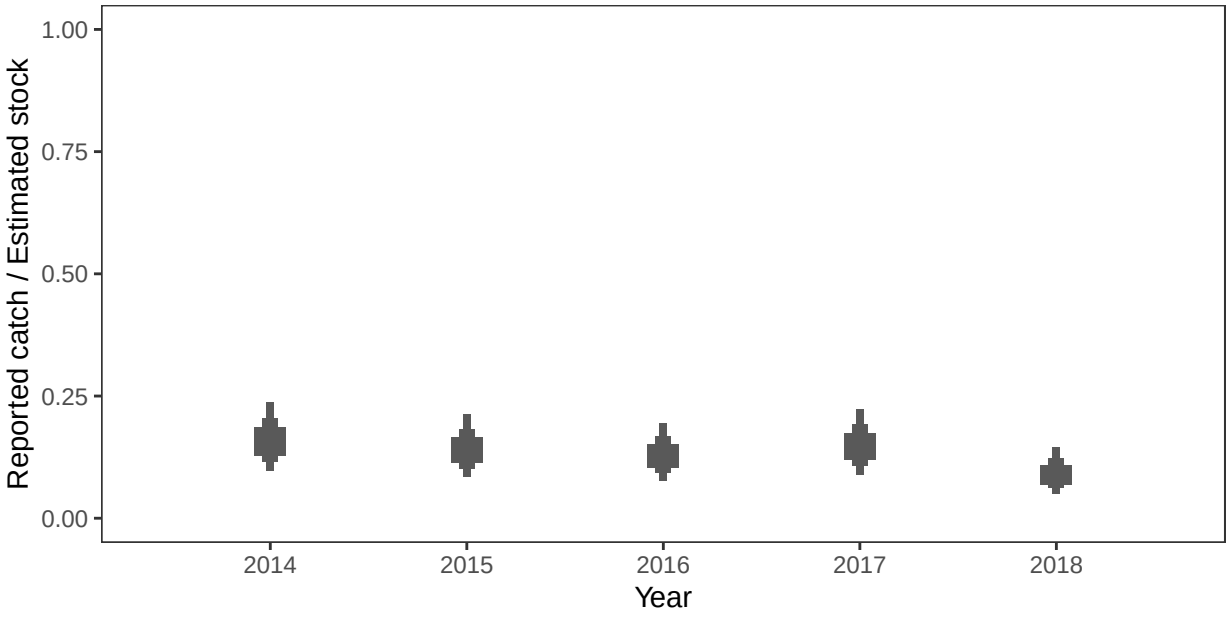
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

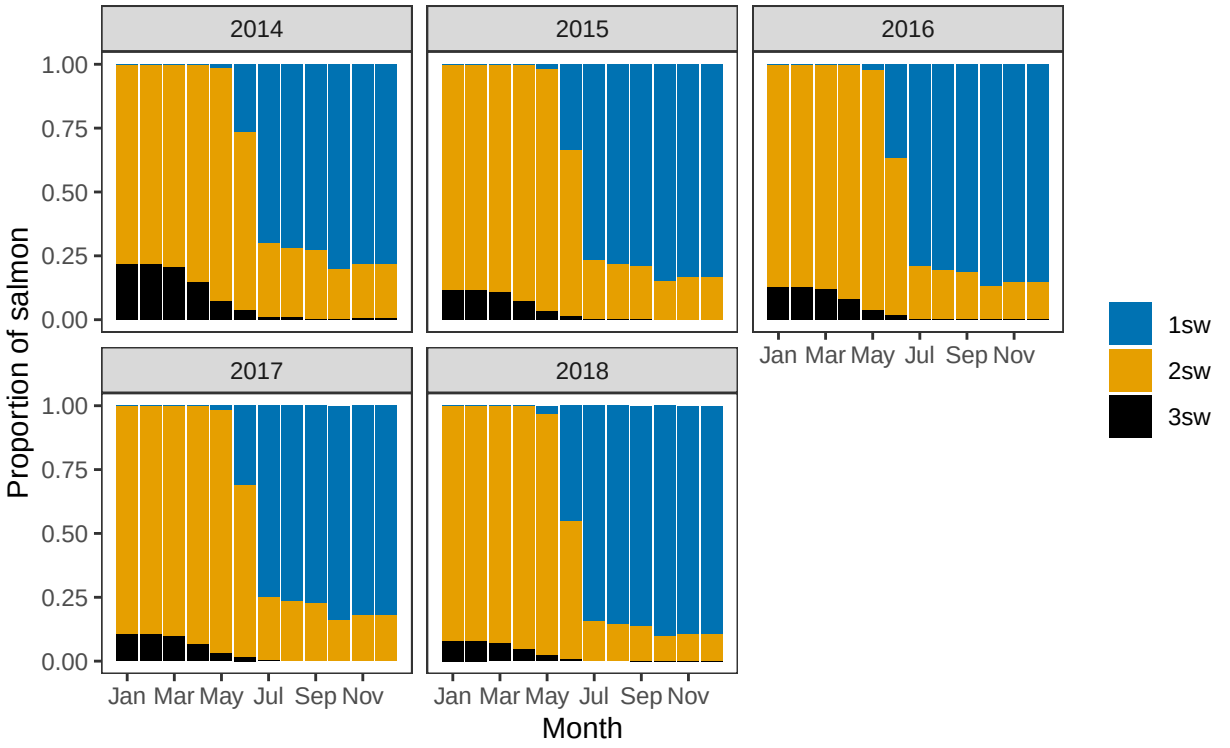
Annual catch as a proportion of stock



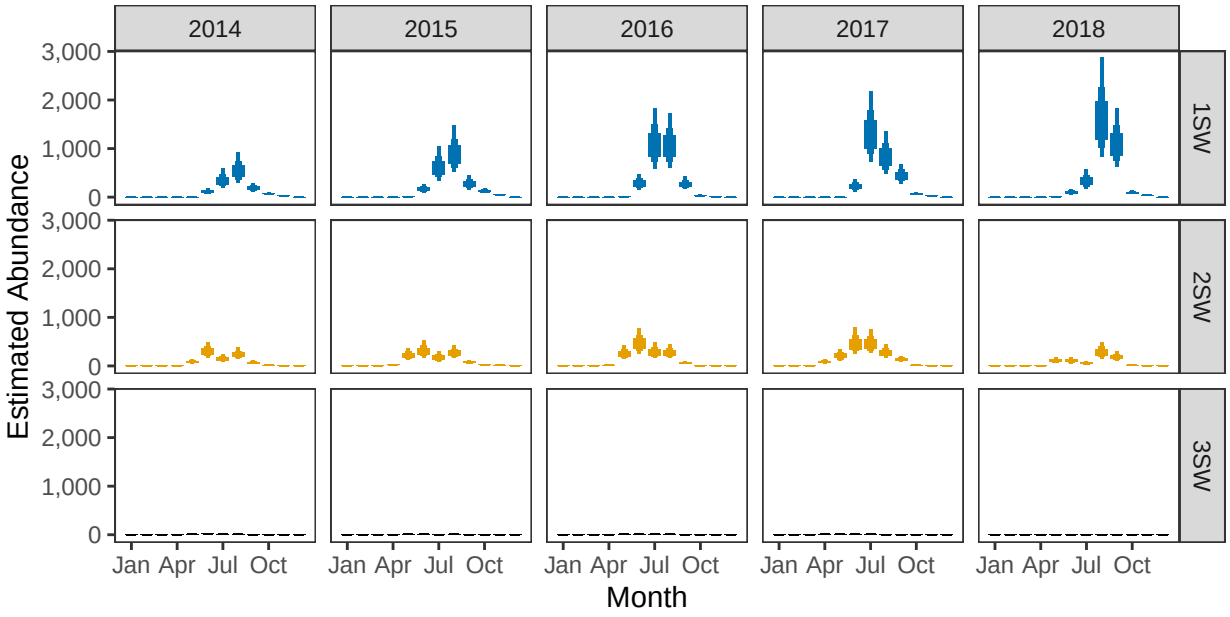
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



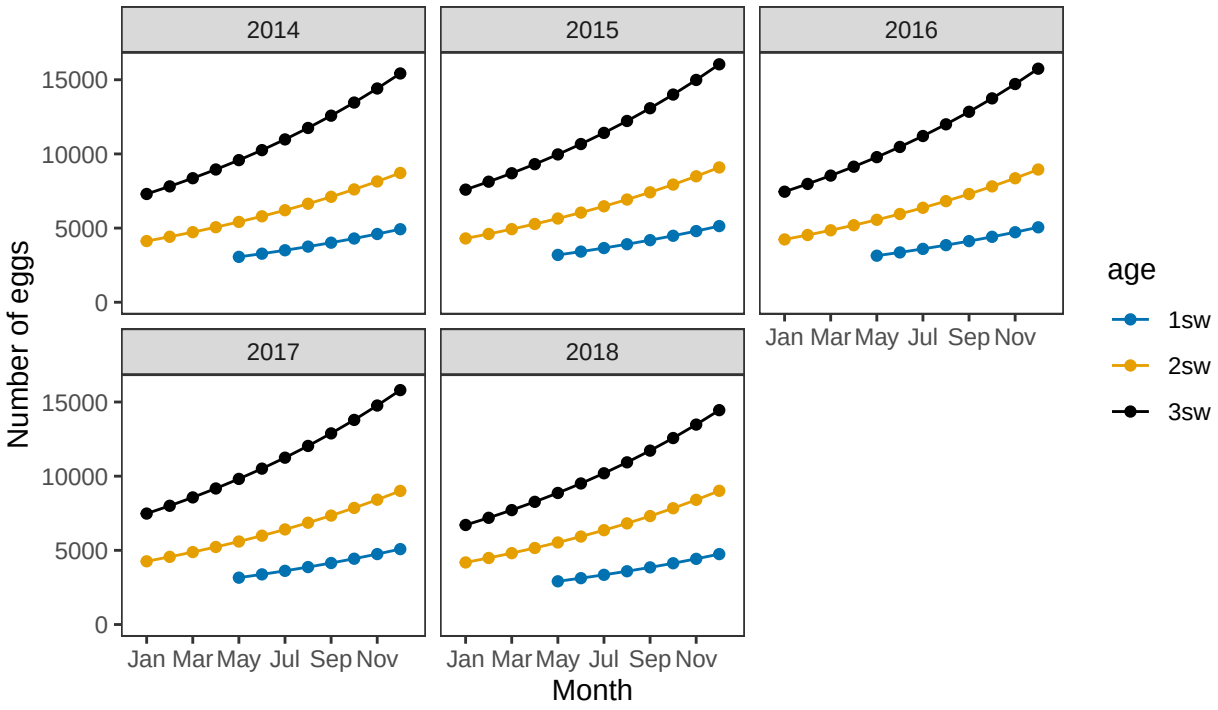
Monthly number of spawning females



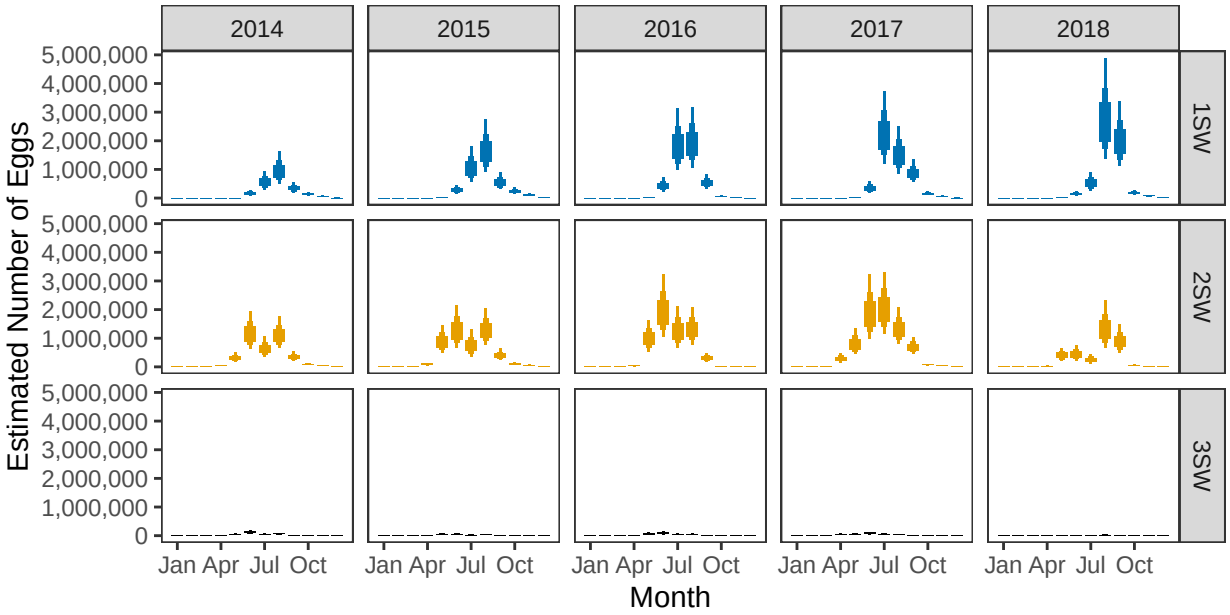
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

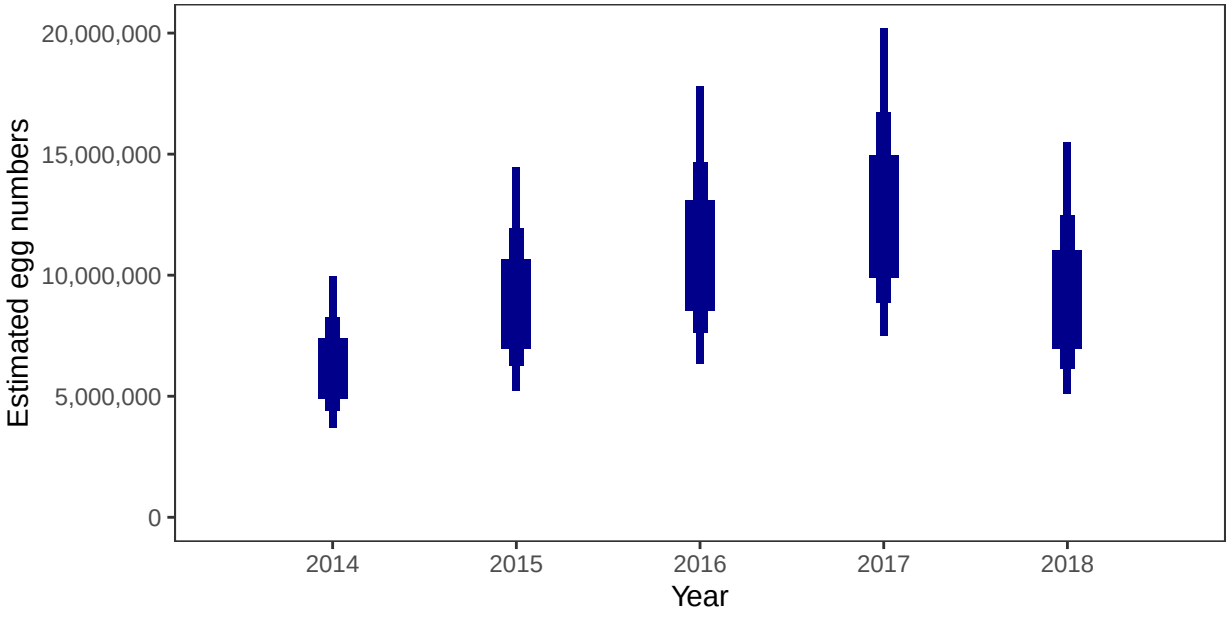


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



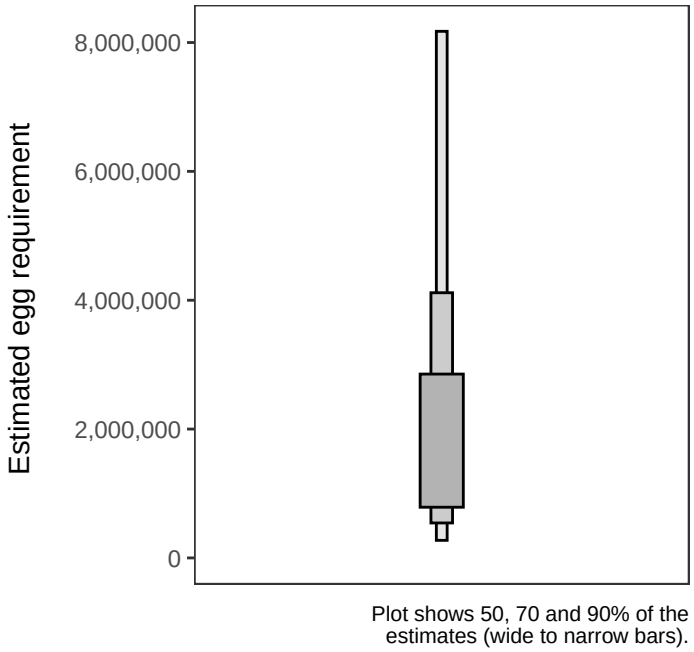
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

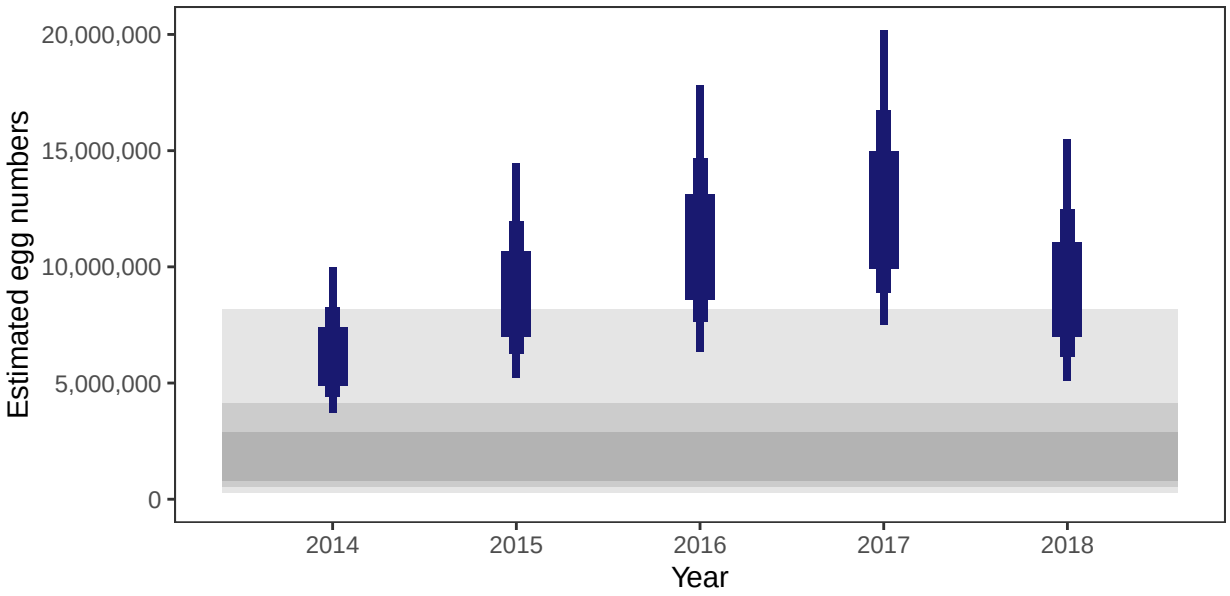
There is an estimated 445,830 square meters of known salmon habitat in the Wick River and a further 64,032 square meters where salmon may be present.

Egg requirement



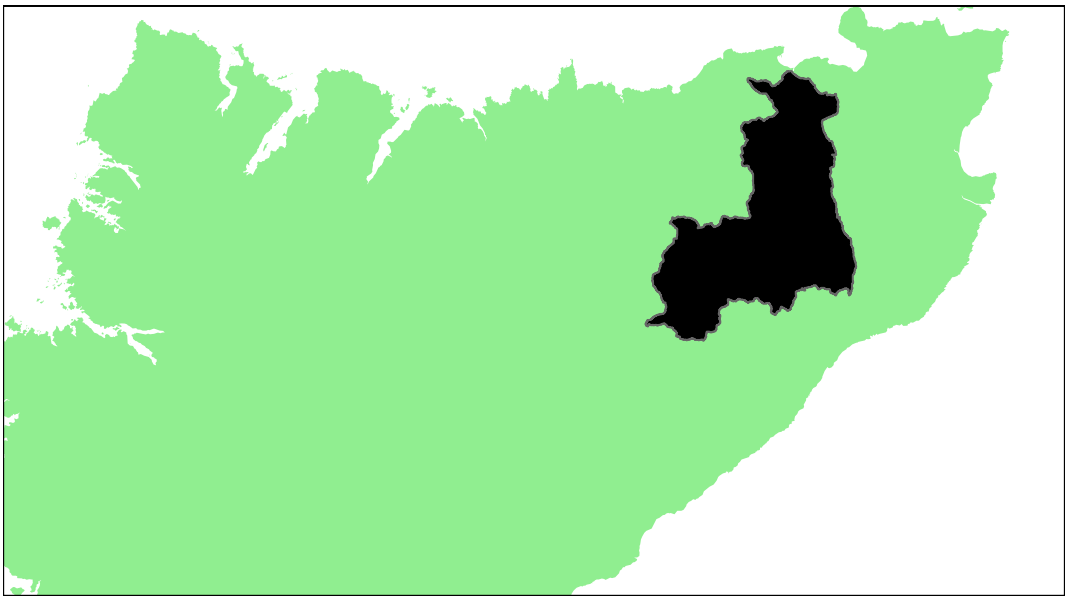
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	90.54
2015	94.93
2016	96.58
2017	97.01
2018	95.06



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Thurso SAC: Grade 1



Detailed information on catches is not publicly available for this assessment area

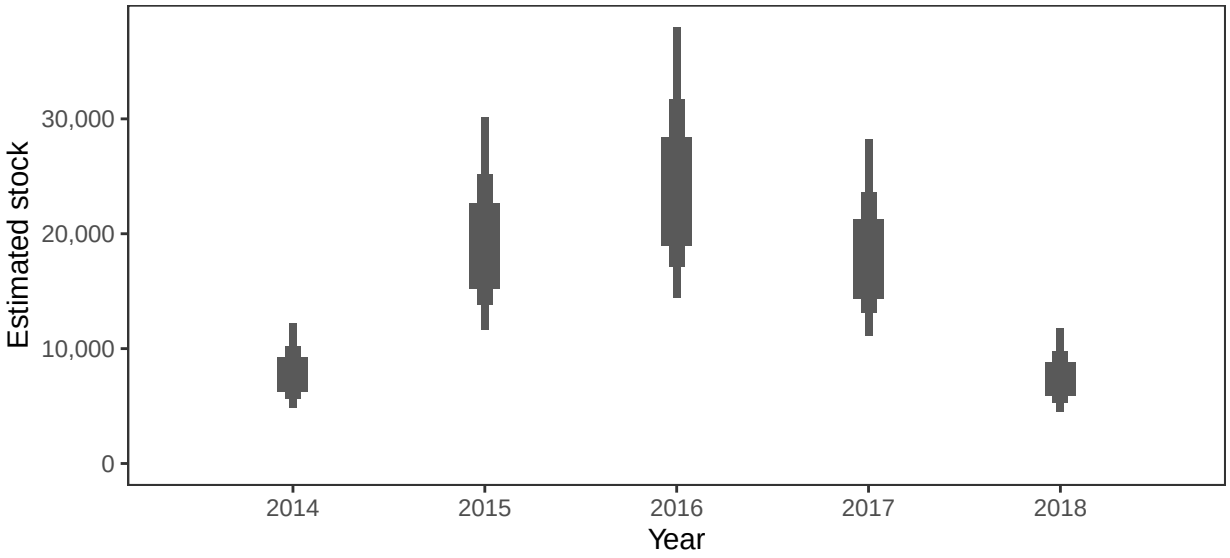
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.92	1,516,600	4,424,254	94.77	98.76	99.05	98.84	92.96	96.88	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

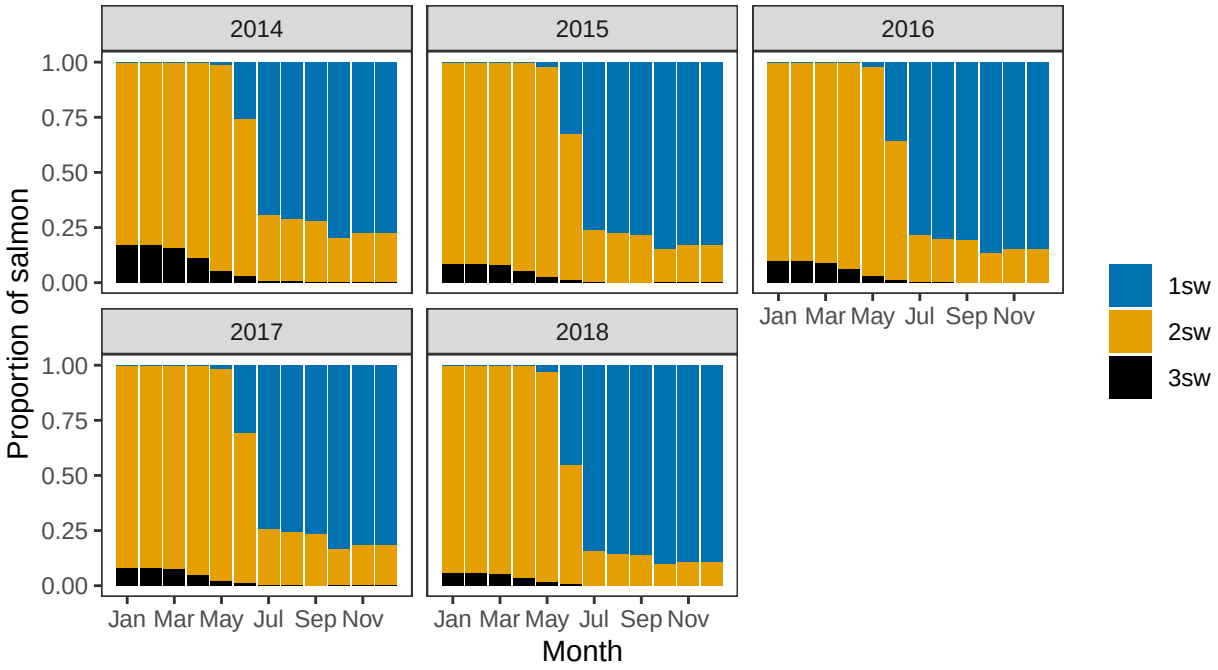
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

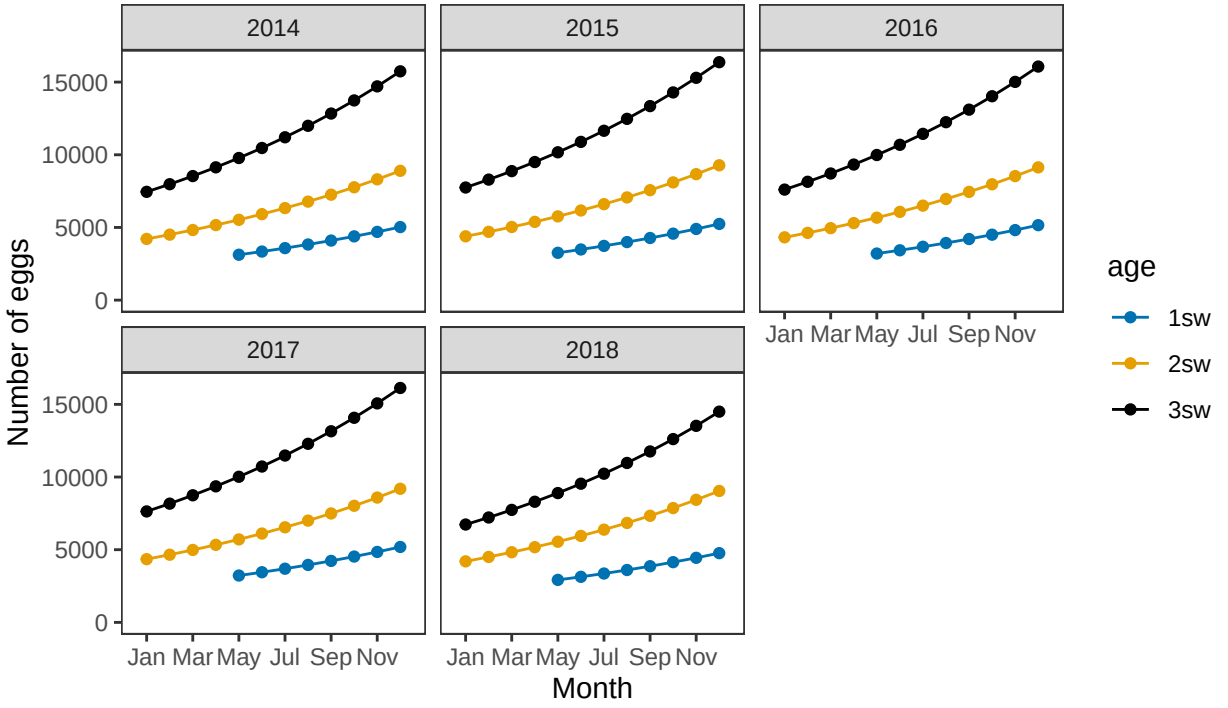
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

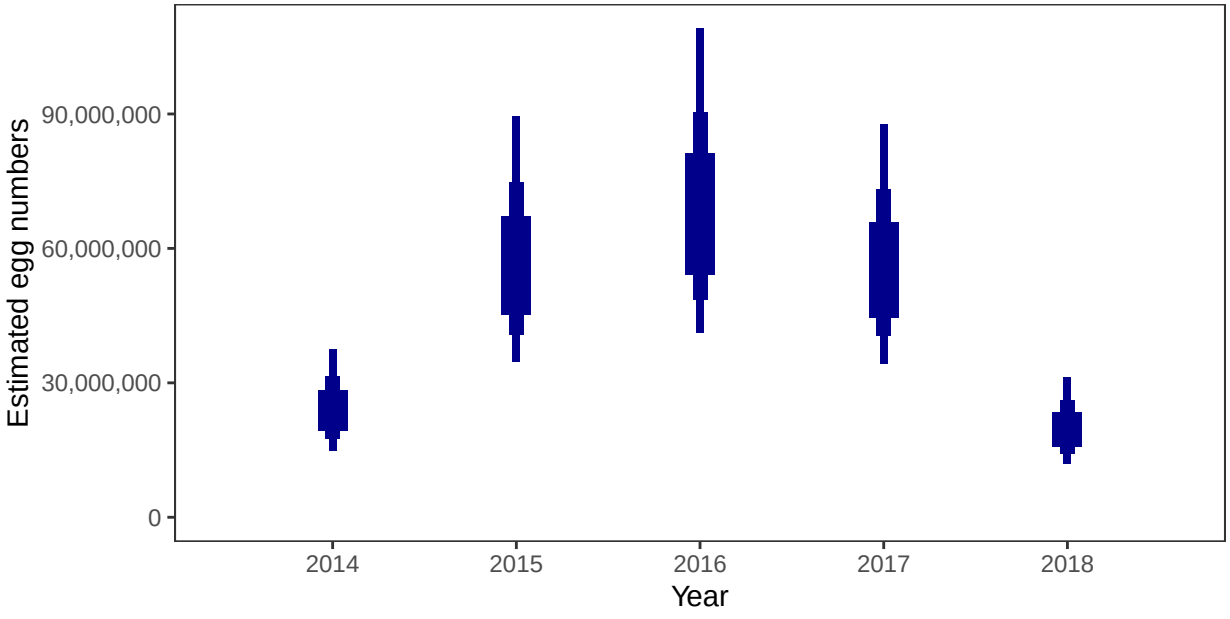


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



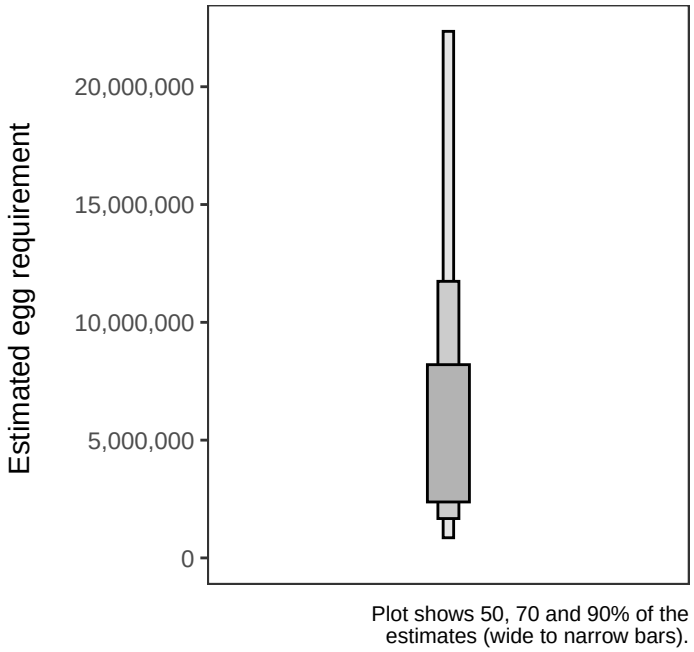
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

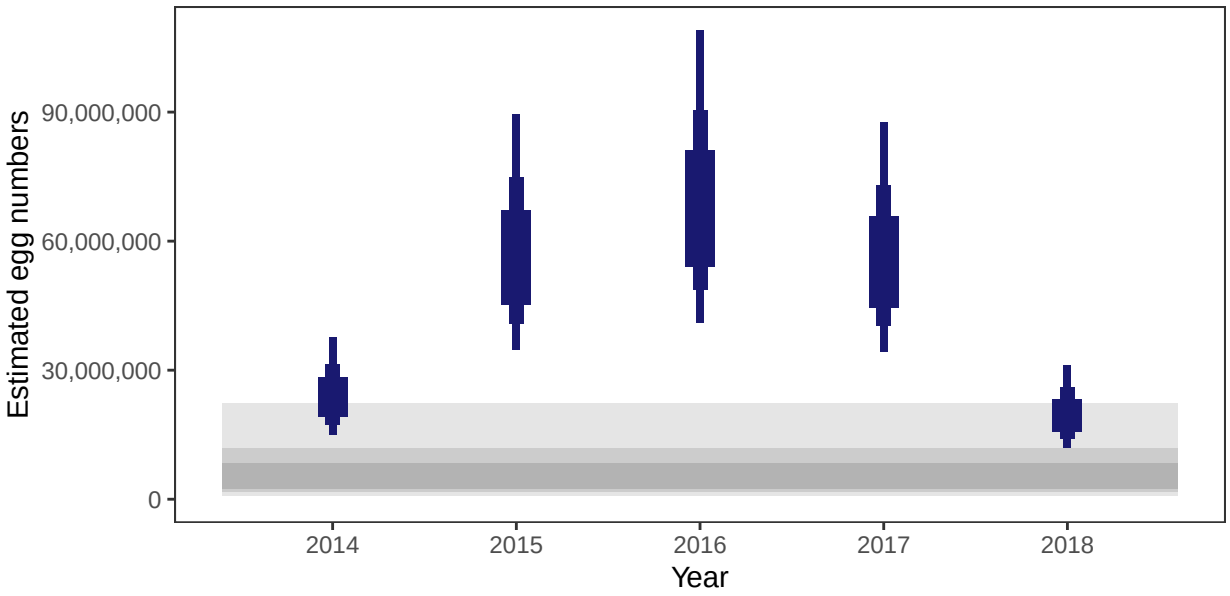
There is an estimated 1,395,204 square meters of known salmon habitat in the River Thurso SAC and a further 328,194 square meters where salmon may be present.

Egg requirement



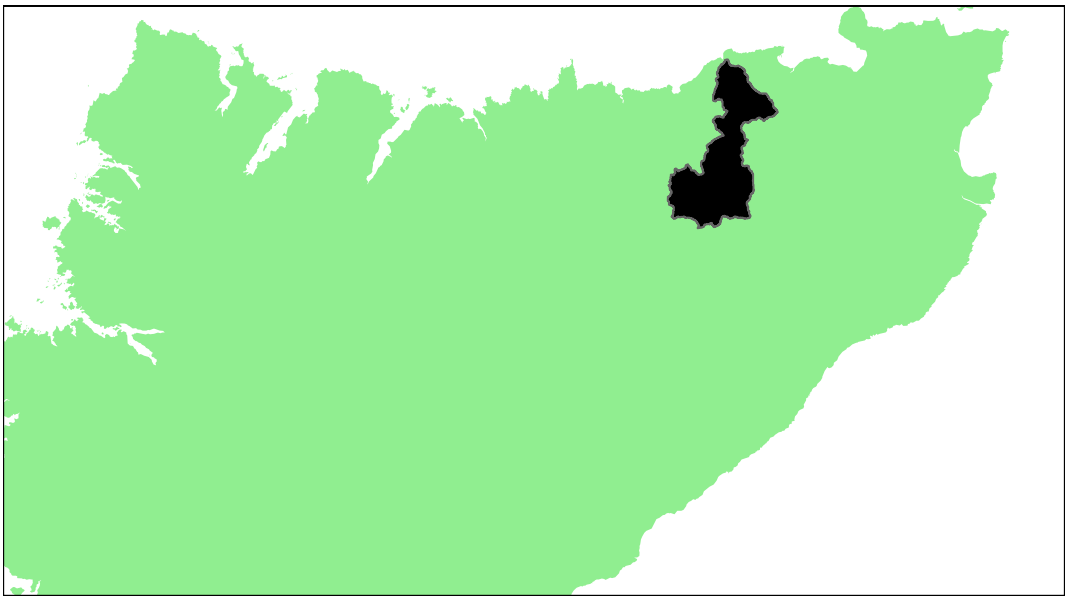
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	94.77
2015	98.76
2016	99.05
2017	98.84
2018	92.96



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Forss Water: Grade 1



Detailed information on catches is not publicly available for this assessment area

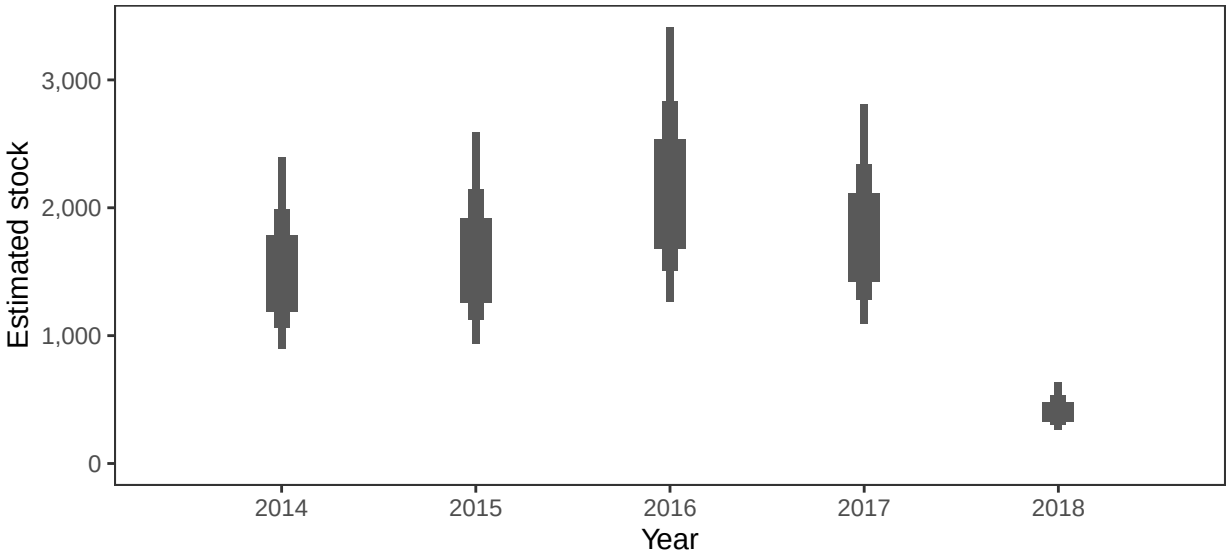
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
1.63	534,900	872,640	93.51	93.74	94.99	95.01	54.98	86.45	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

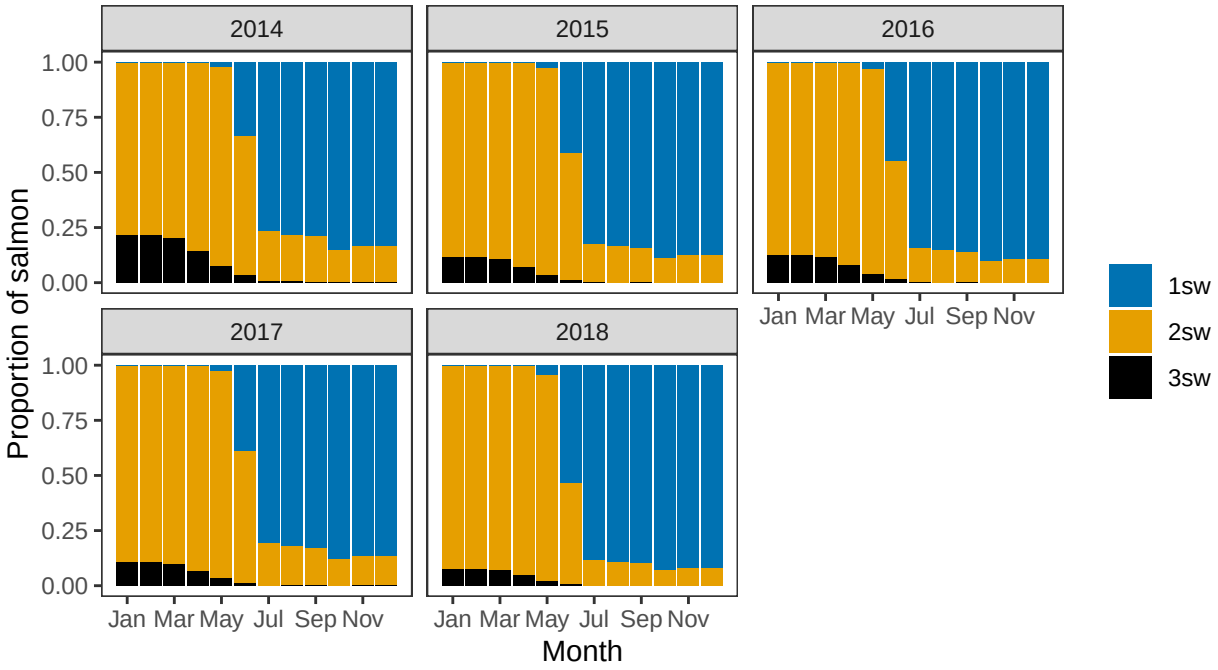
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

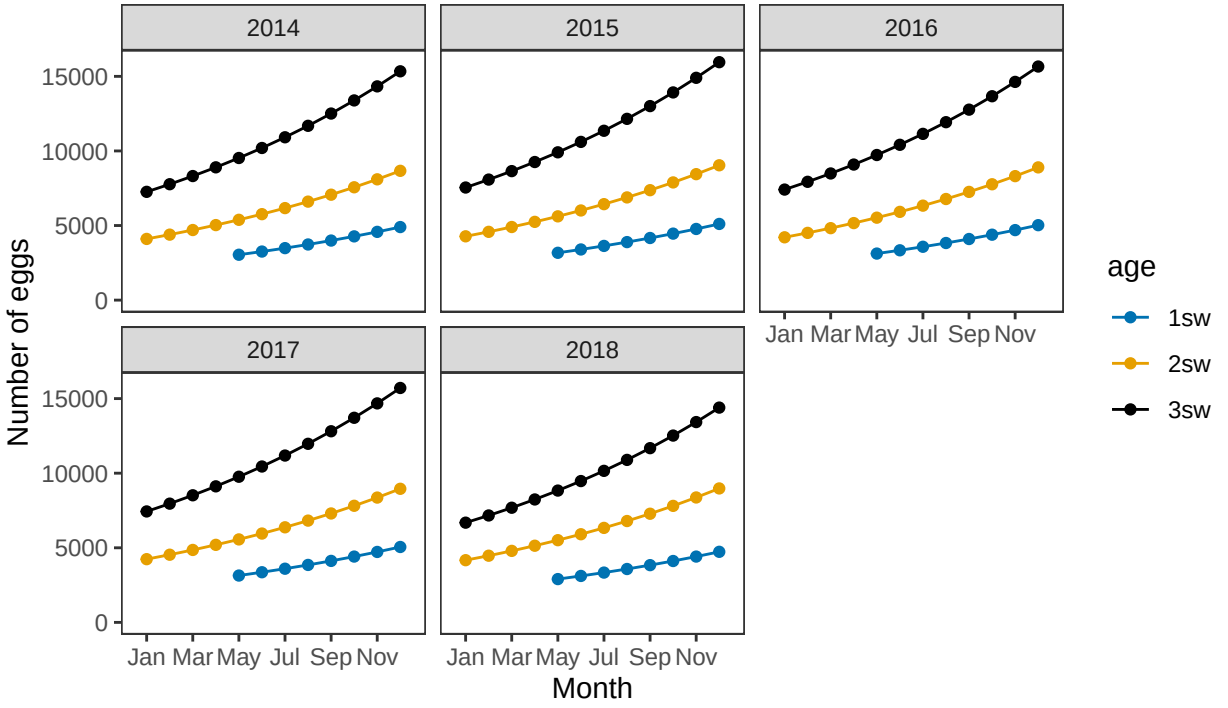
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

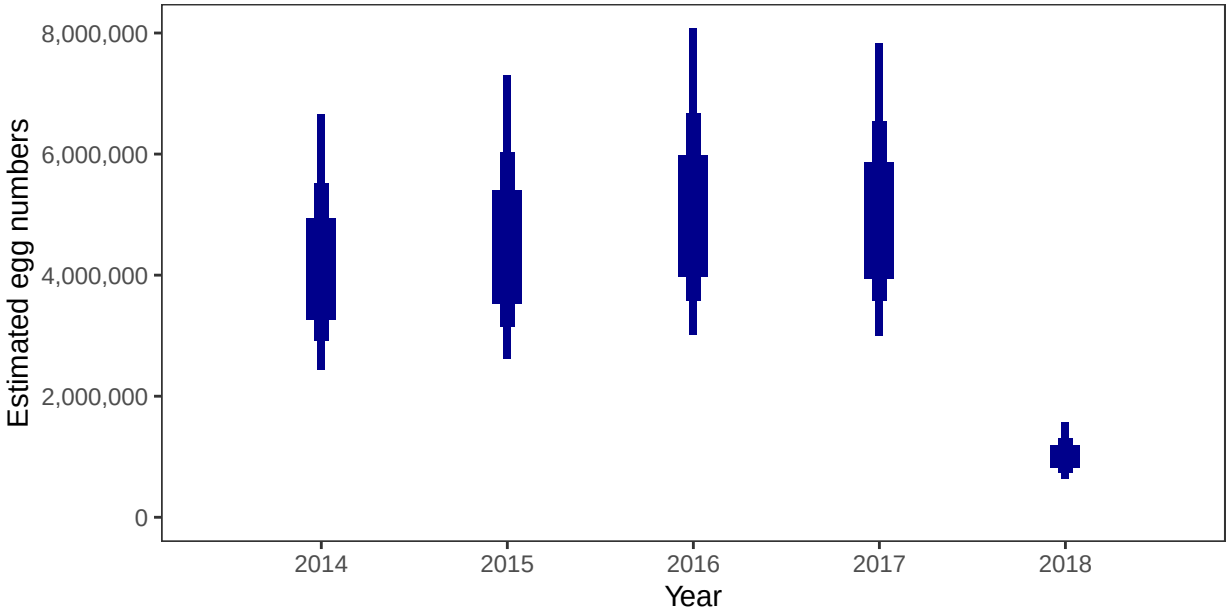


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



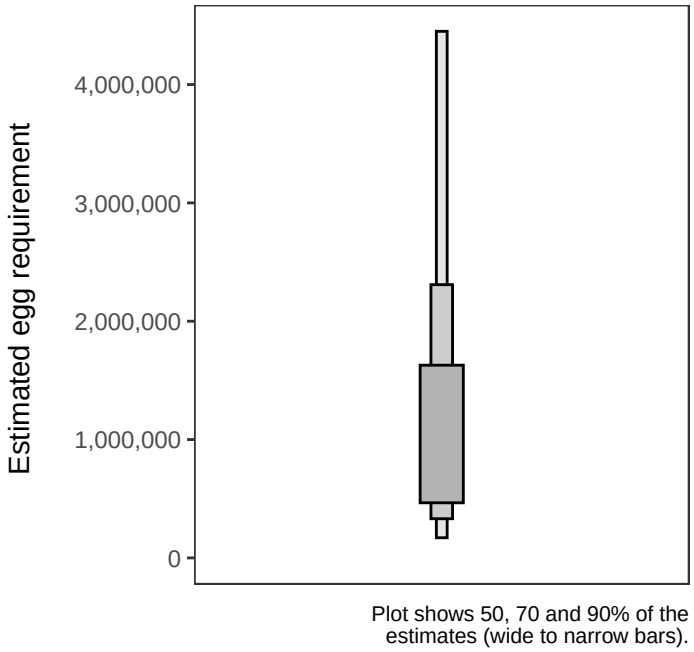
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

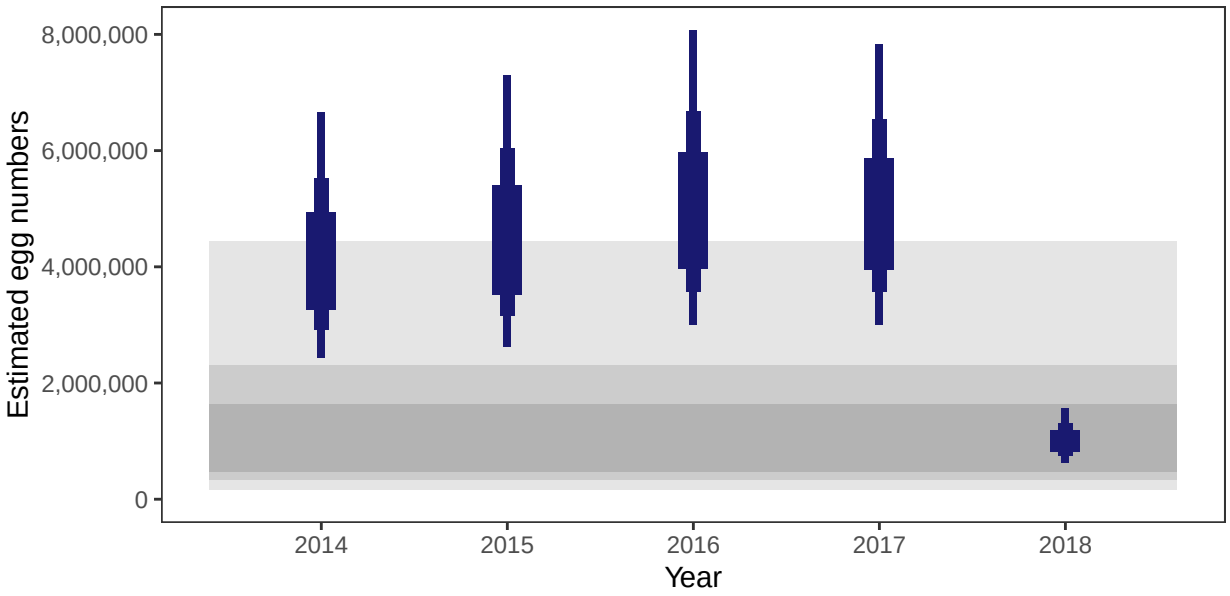
There is an estimated 310,404 square meters of known salmon habitat in the Forss Water and a further 297,446 square meters where salmon may be present.

Egg requirement



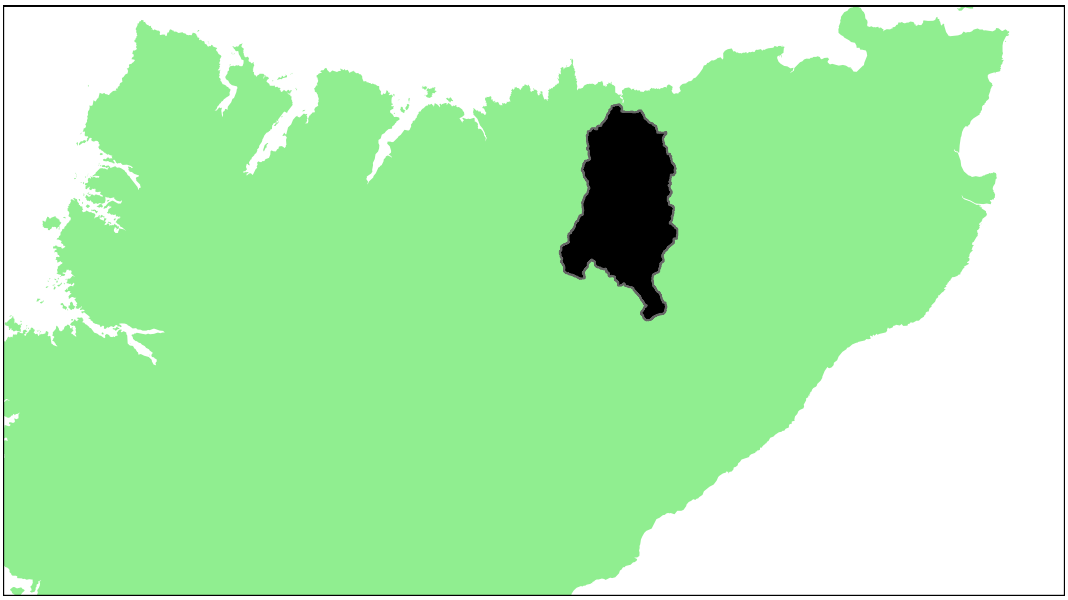
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	93.51
2015	93.74
2016	94.99
2017	95.01
2018	54.98



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Halladale River: Grade 1



Detailed information on catches is not publicly available for this assessment area

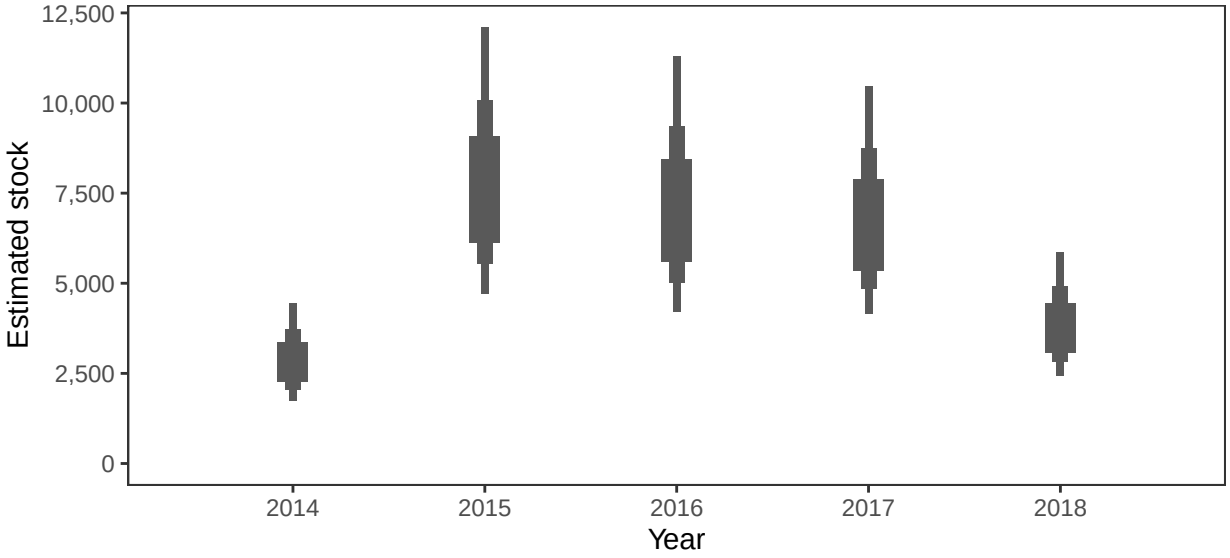
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.38	624,300	1,486,237	94.74	98.88	98.86	98.98	95.56	97.4	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

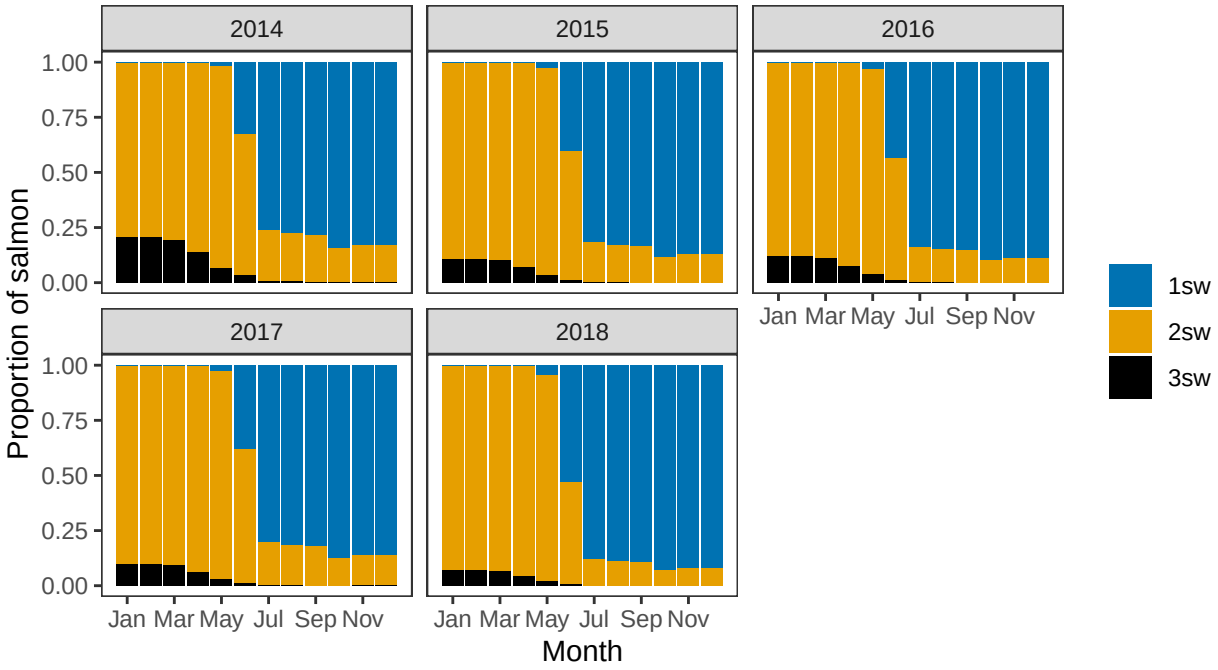
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

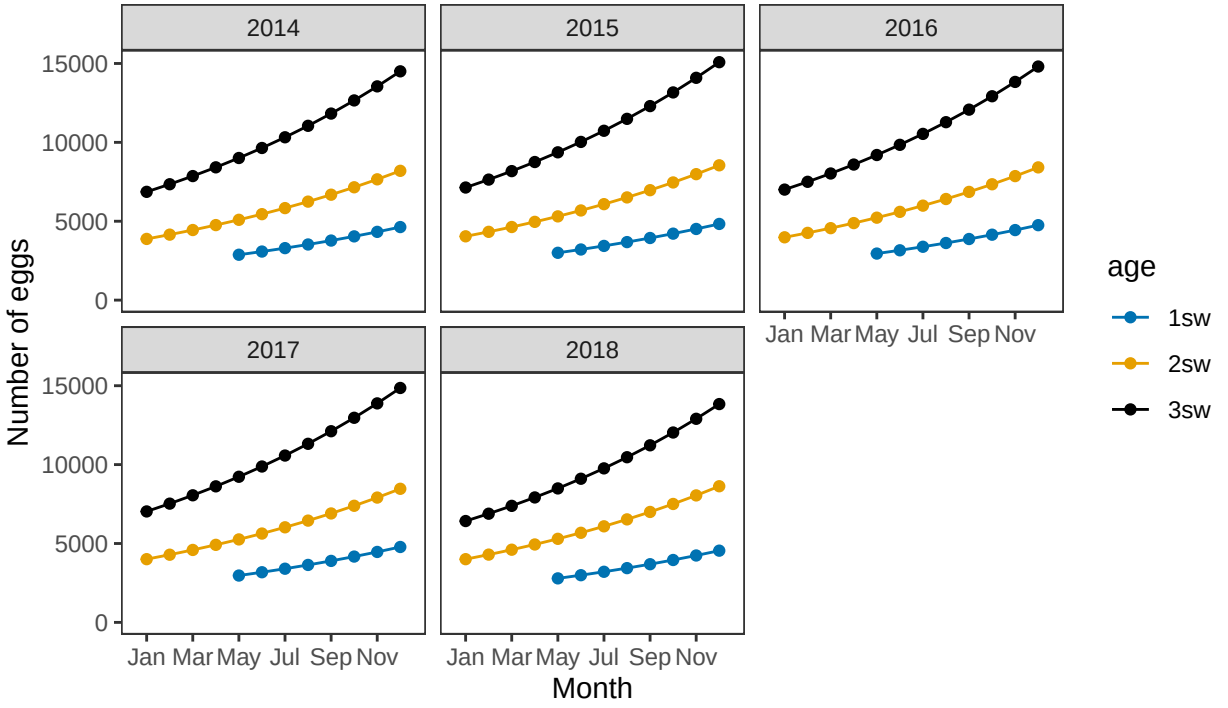
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

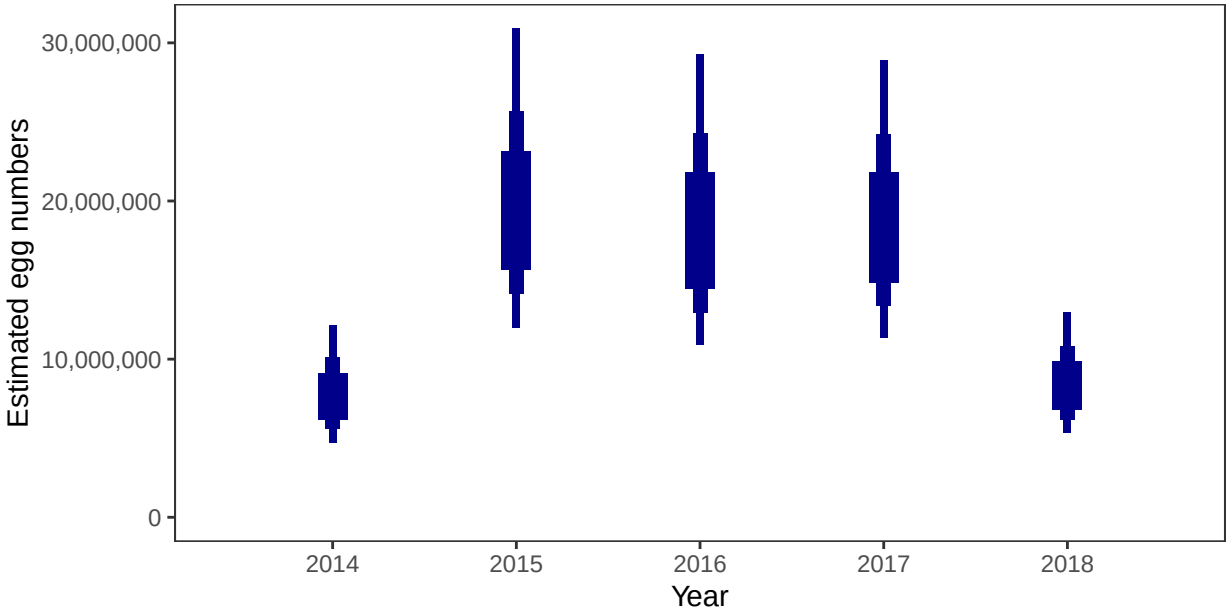


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



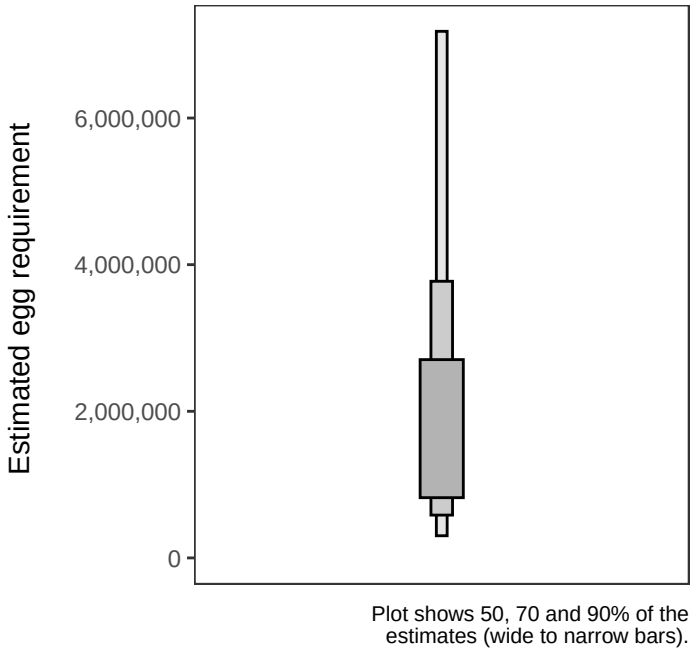
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

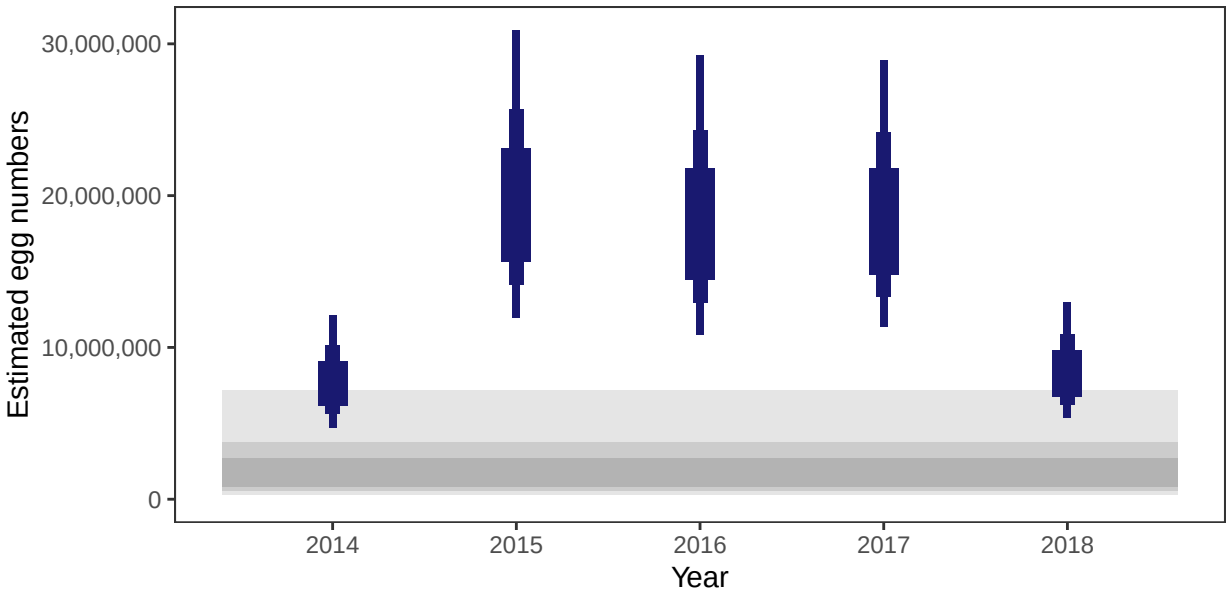
There is an estimated 565,178 square meters of known salmon habitat in the Halladale River and a further 144,243 square meters where salmon may be present.

Egg requirement



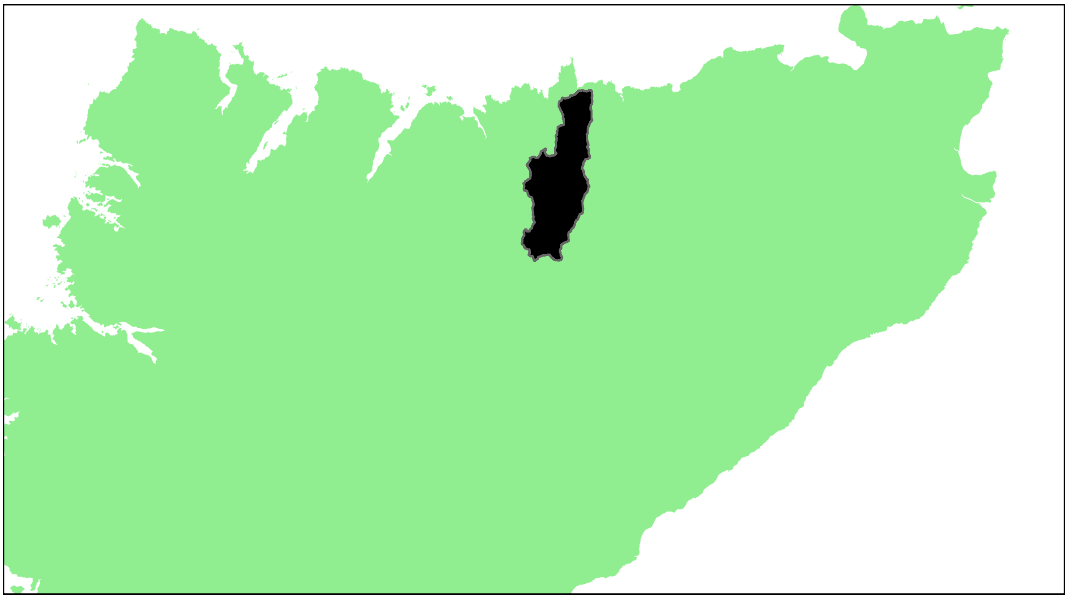
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	94.74
2015	98.88
2016	98.86
2017	98.98
2018	95.56



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Strathy: Grade 3



Detailed information on catches is not publicly available for this assessment area

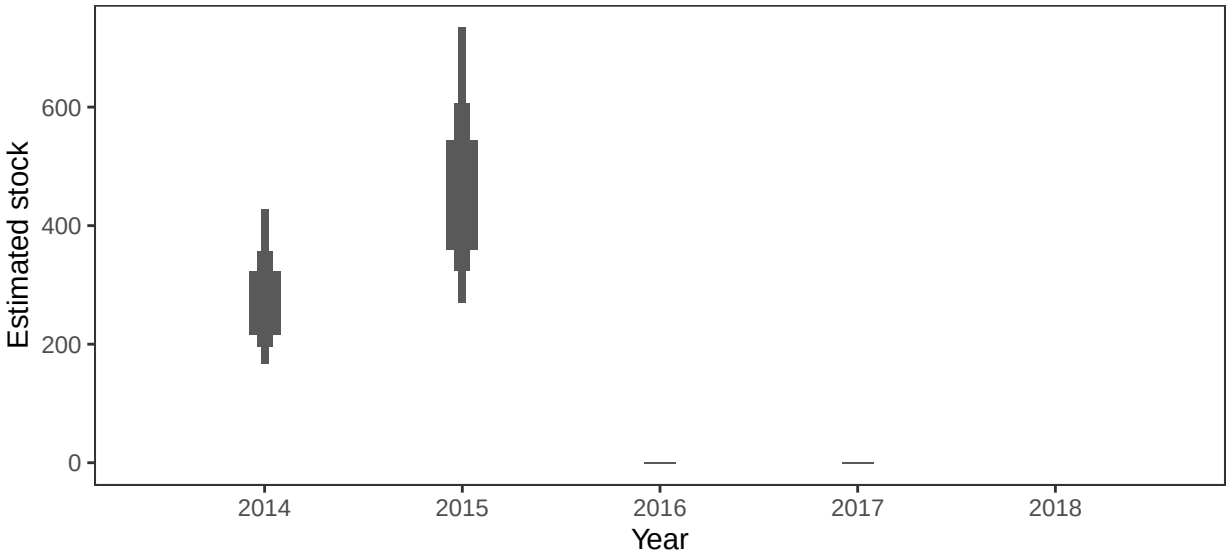
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
0.99	391,200	388,698	65.89	81.28	0	0	0	29.43	3

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

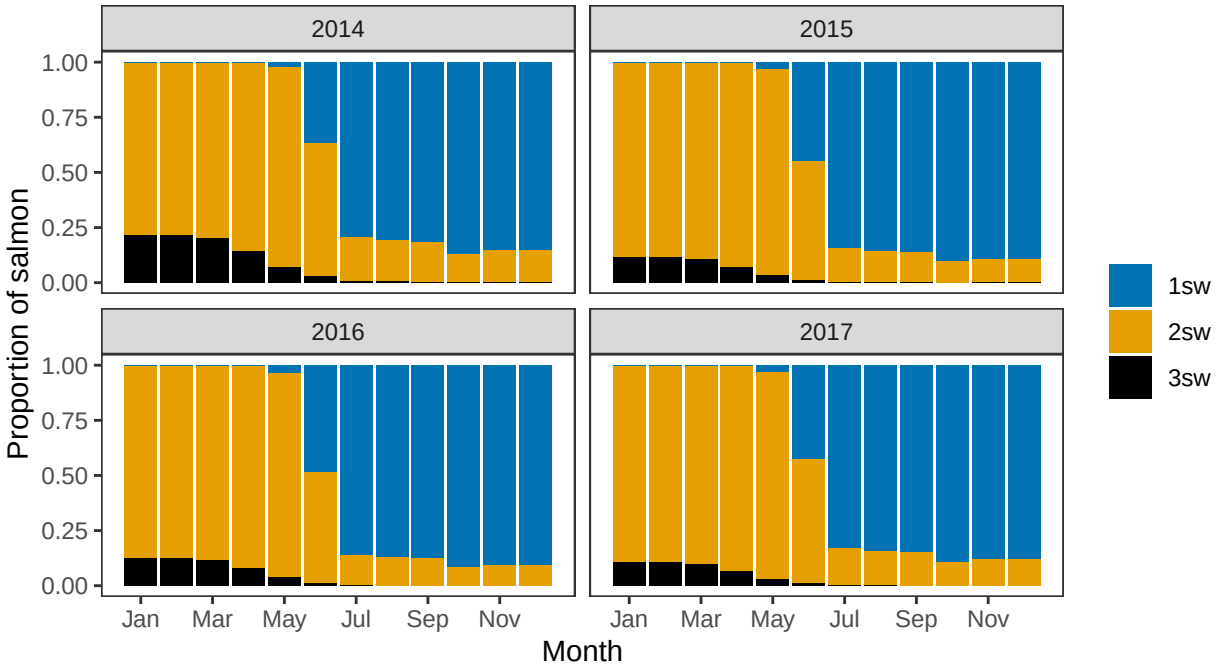
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

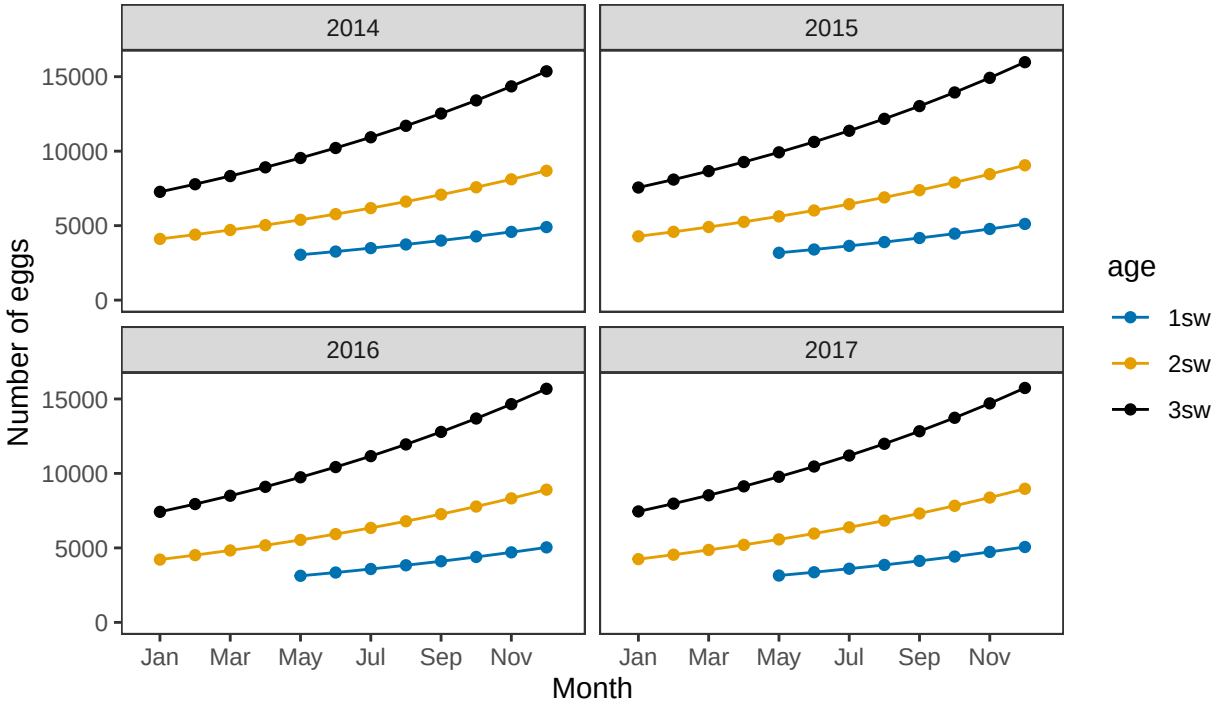
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

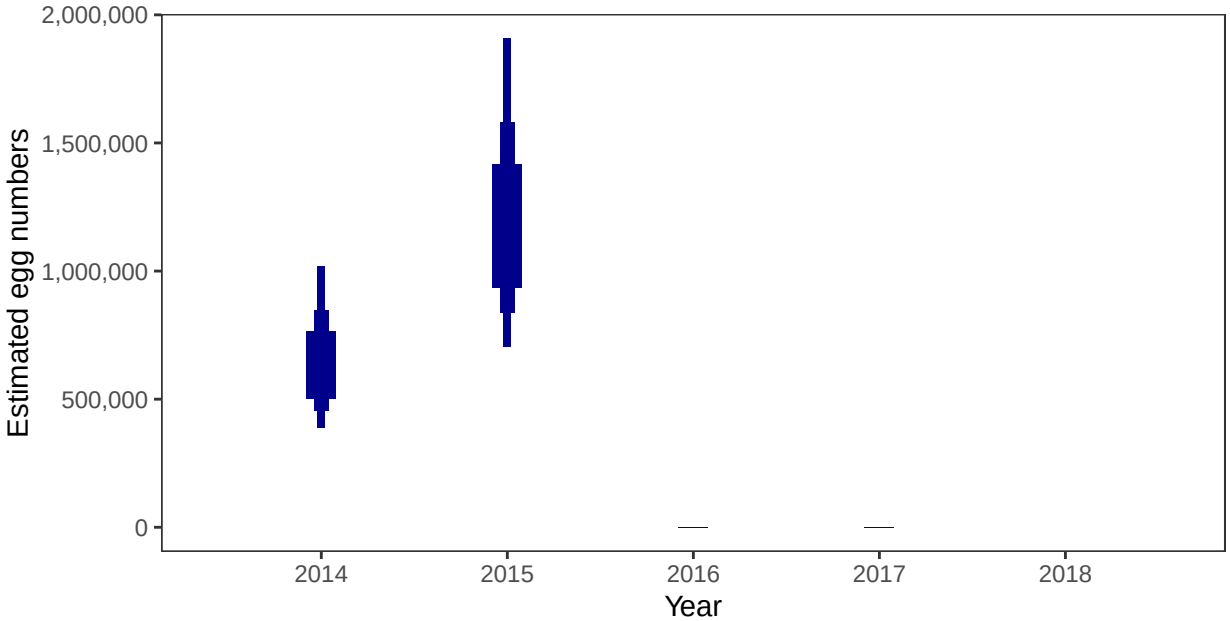


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



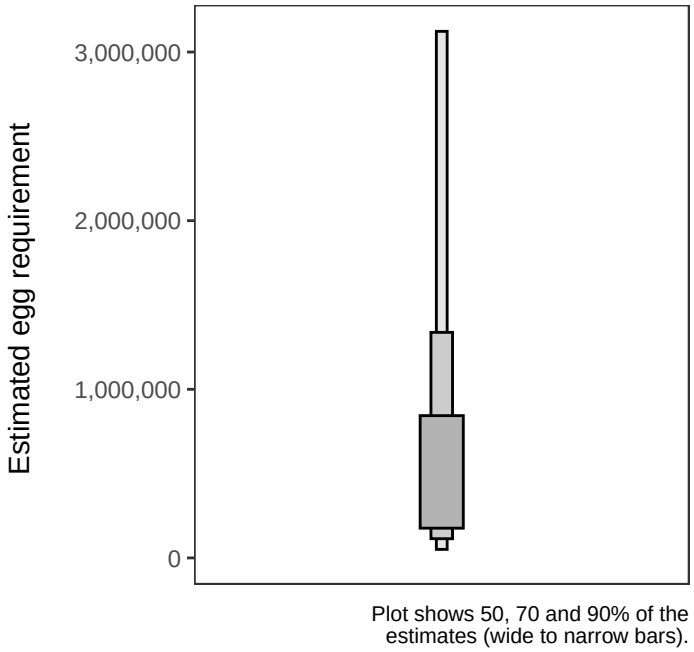
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

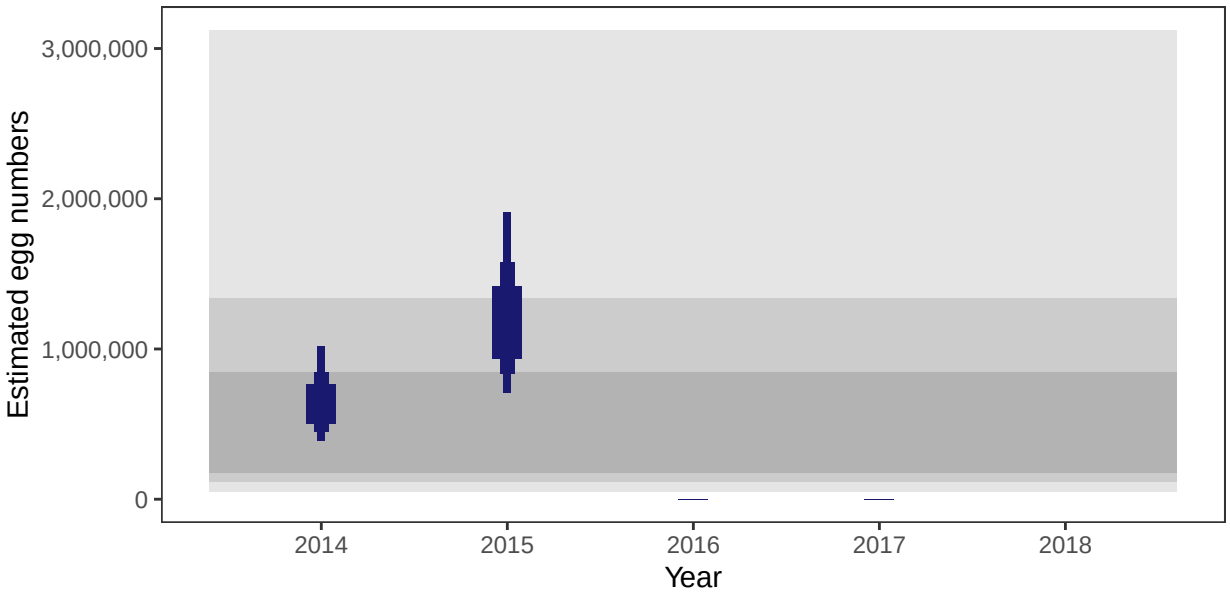
There is an estimated 236,435 square meters of known salmon habitat in the River Strathy and a further 208,129 square meters where salmon may be present.

Egg requirement



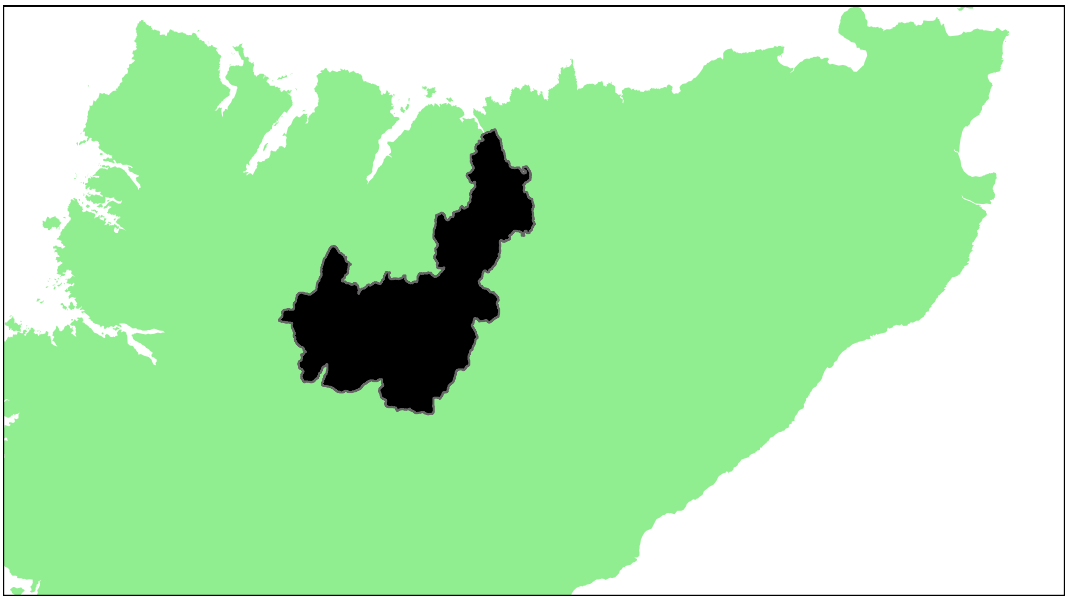
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	65.89
2015	81.28
2016	-
2017	-
2018	-



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Naver SAC: Grade 1



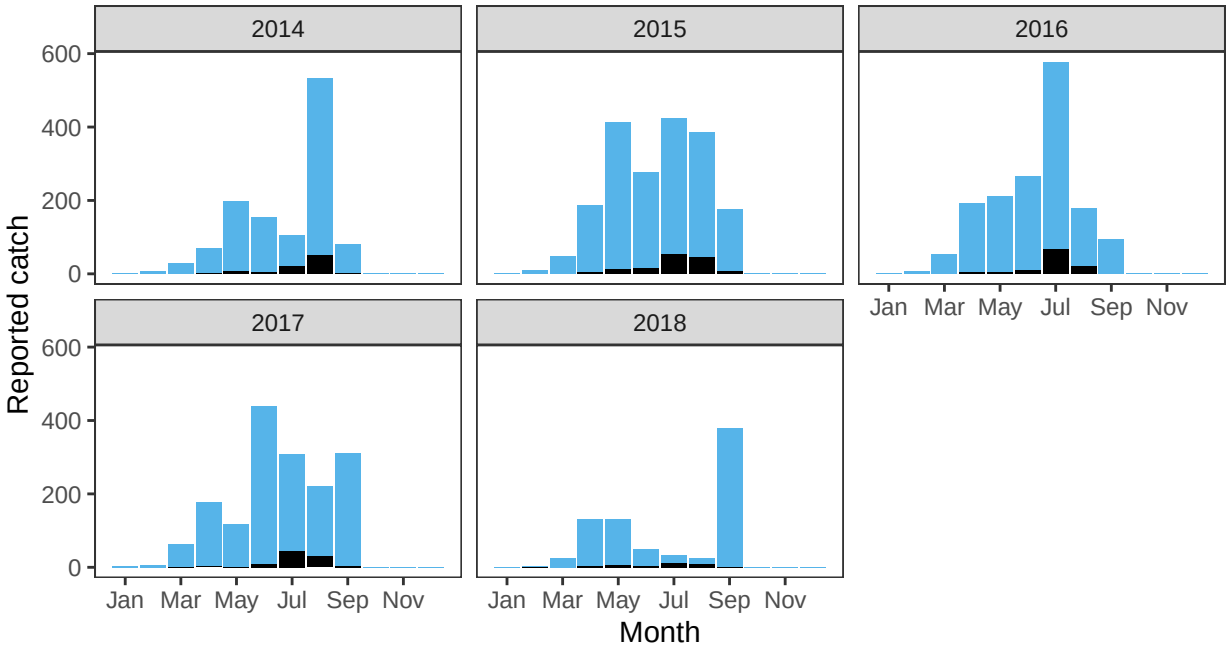
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.49	1,875,000	4,661,886	97.25	99.02	98.86	98.51	95.11	97.75	1

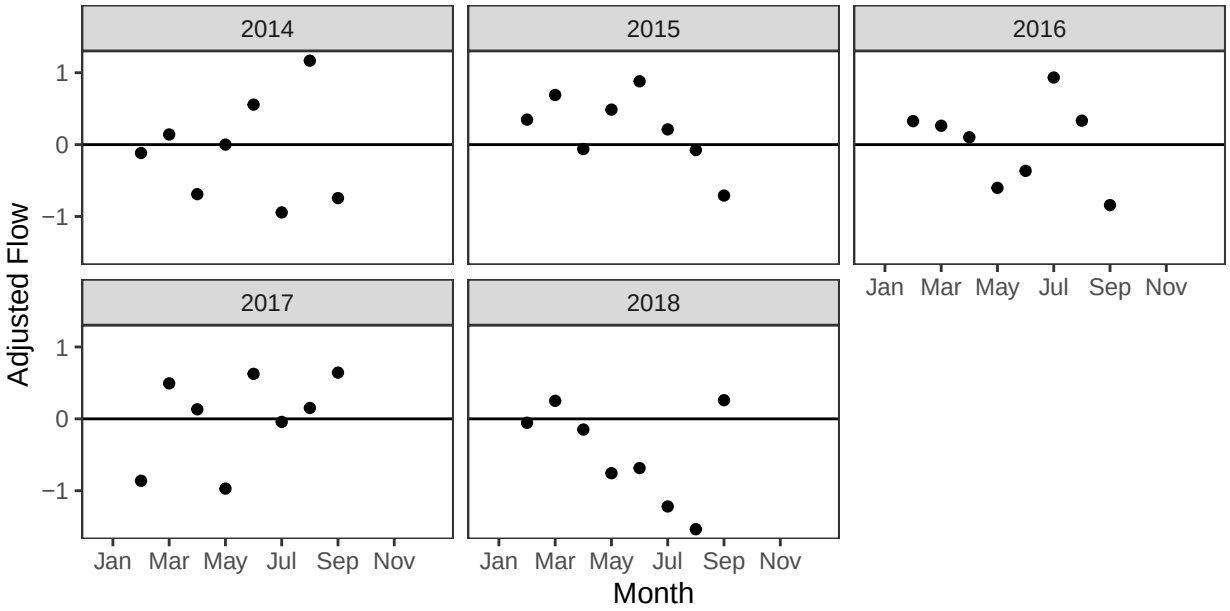
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

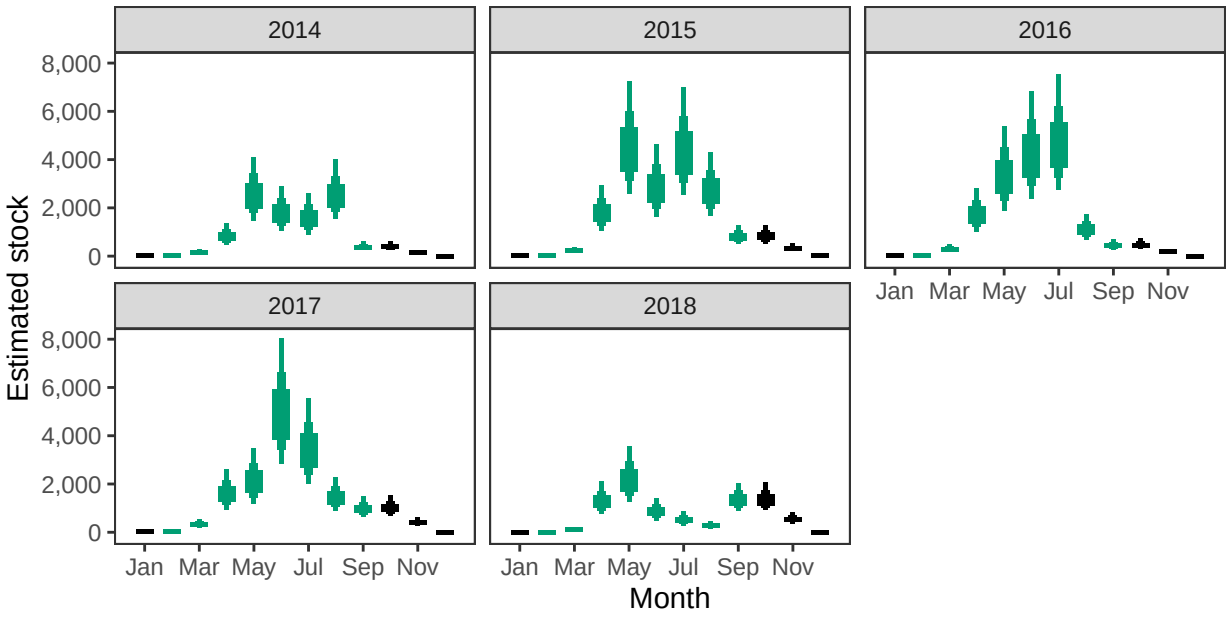
Reported Catches (black = retained, blue = released)



Monthly flow data

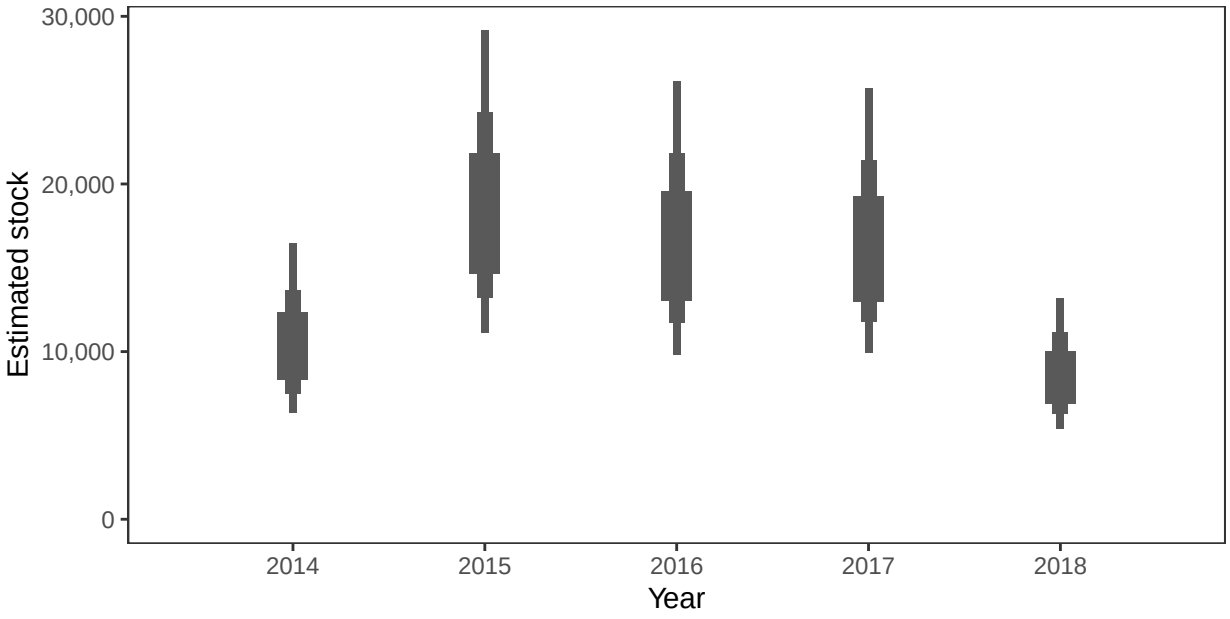


Monthly stock estimates (out of season in black)



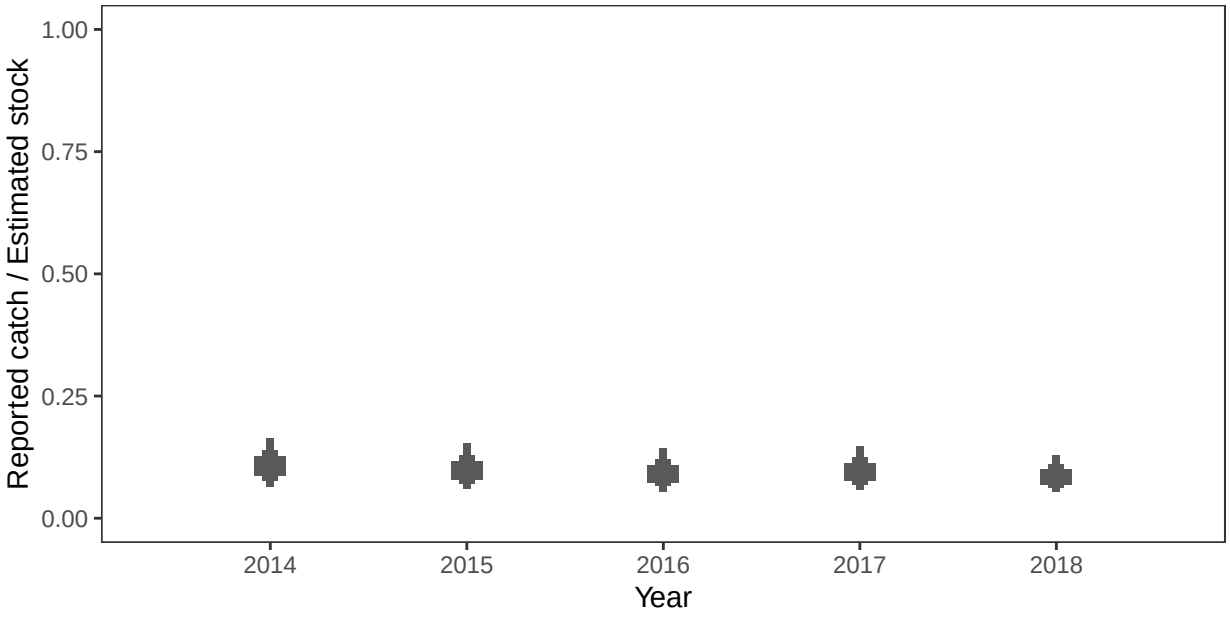
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

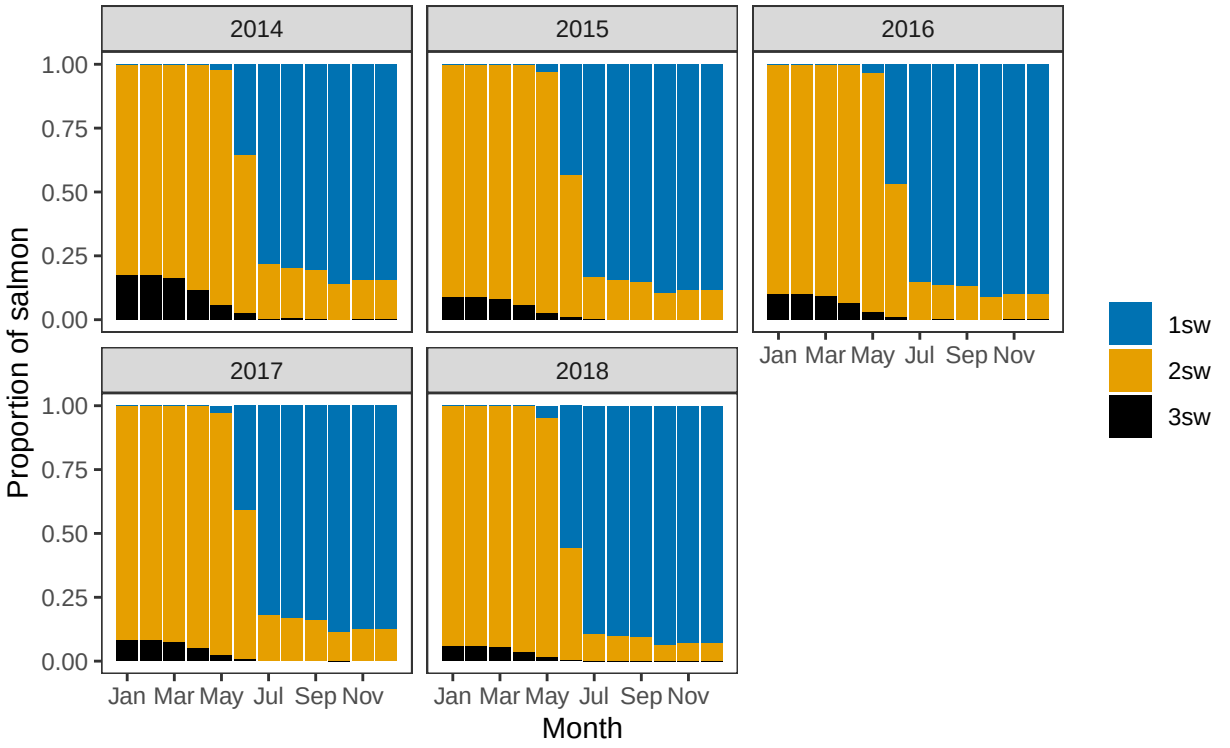
Annual catch as a proportion of stock



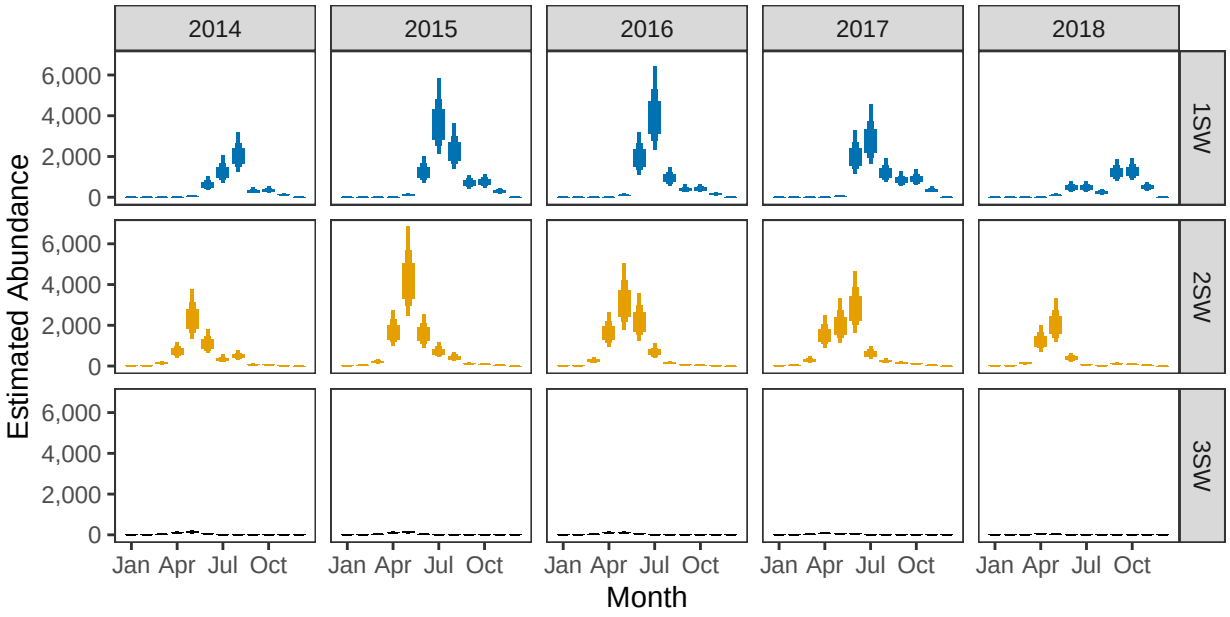
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



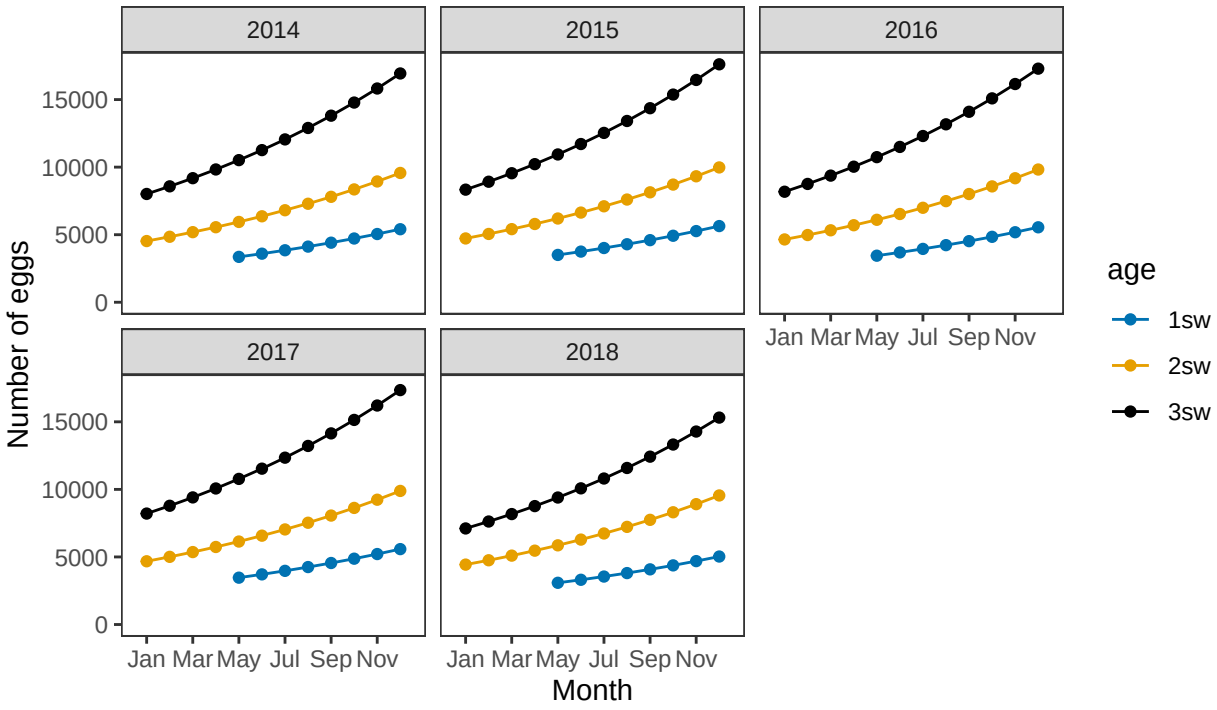
Monthly number of spawning females



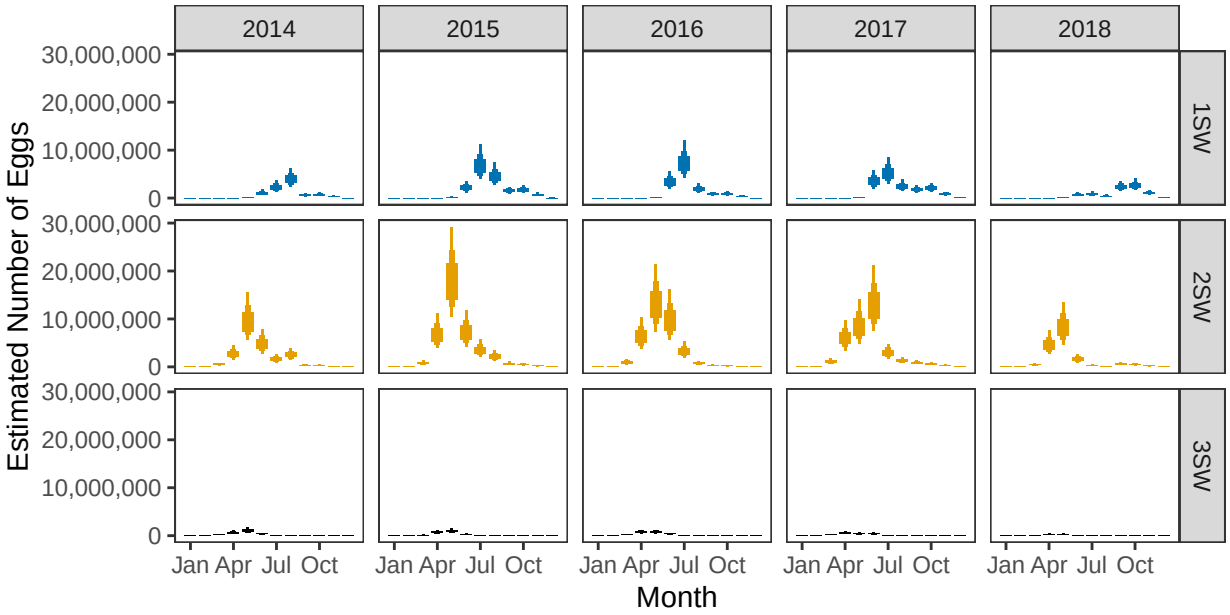
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

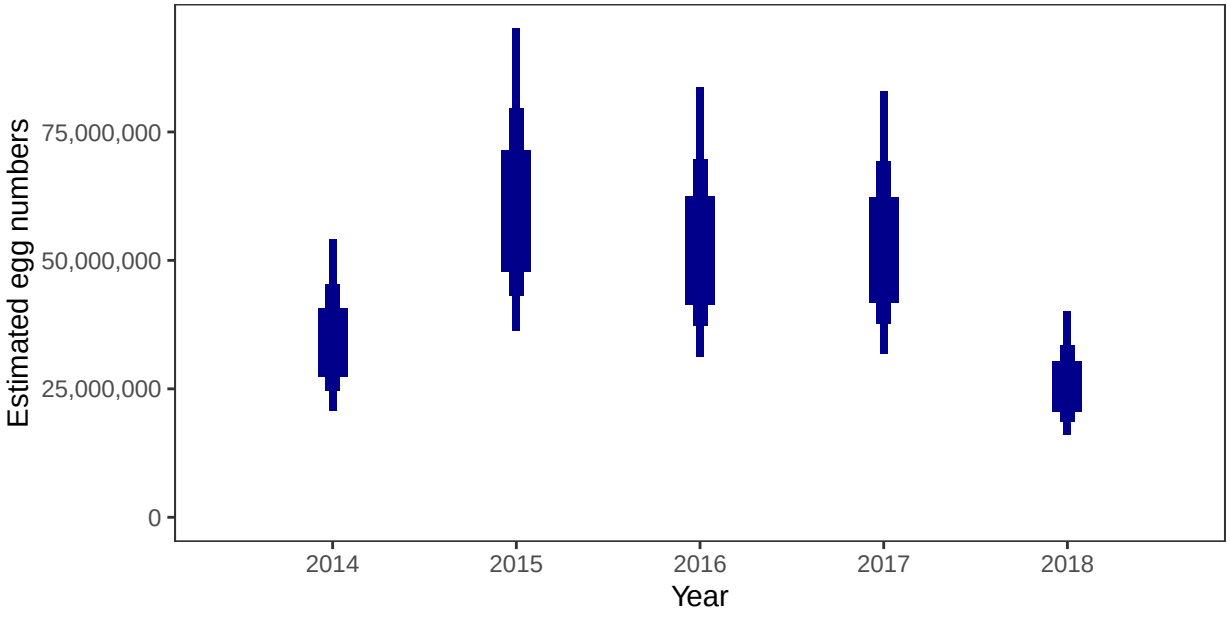


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



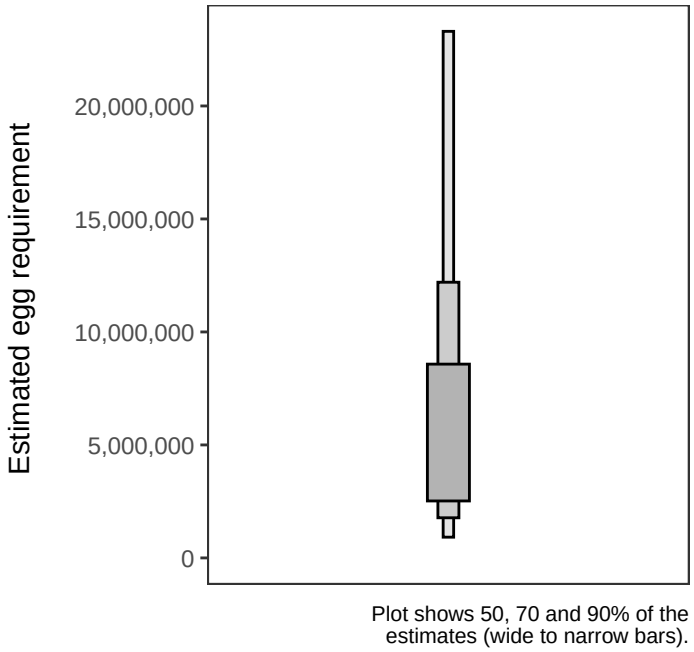
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

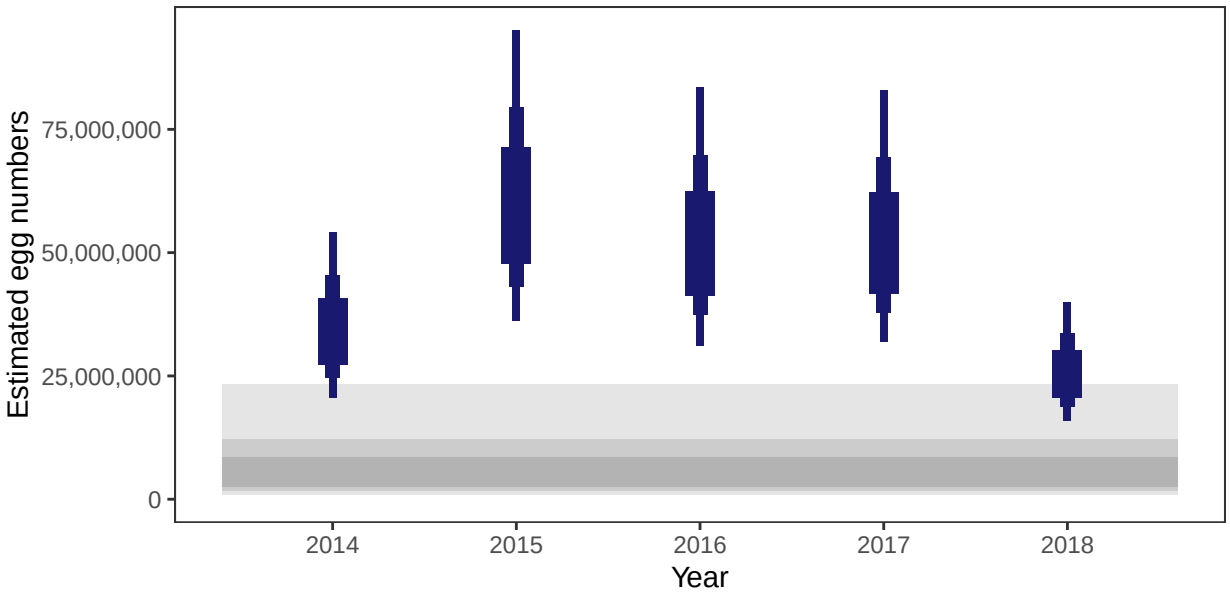
There is an estimated 1,420,831 square meters of known salmon habitat in the River Naver SAC and a further 709,847 square meters where salmon may be present.

Egg requirement



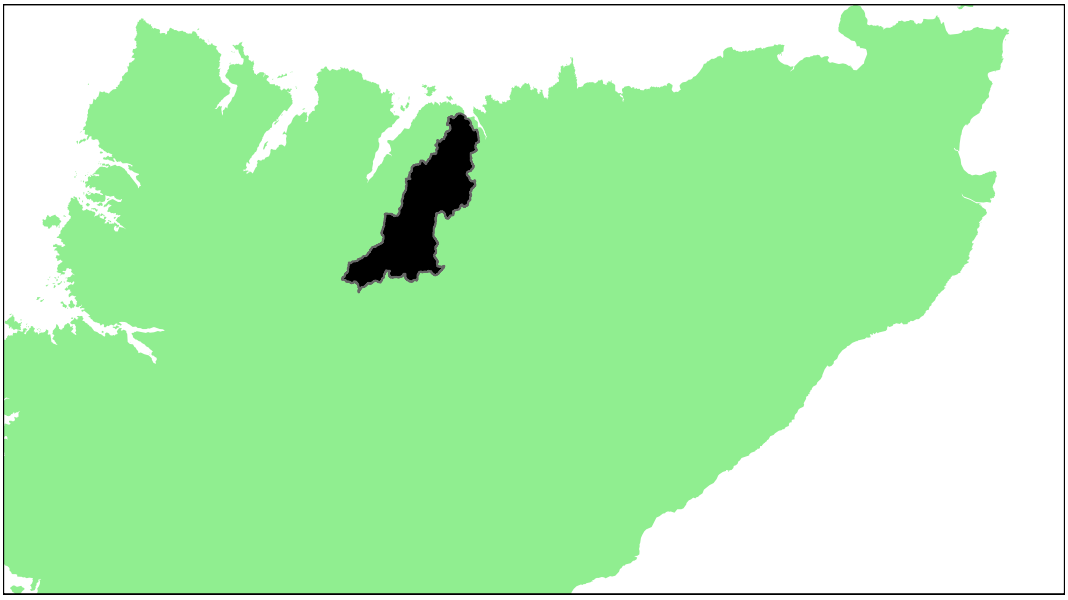
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	97.25
2015	99.02
2016	98.86
2017	98.51
2018	95.11



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Borgie SAC: Grade 1



Detailed information on catches is not publicly available for this assessment area

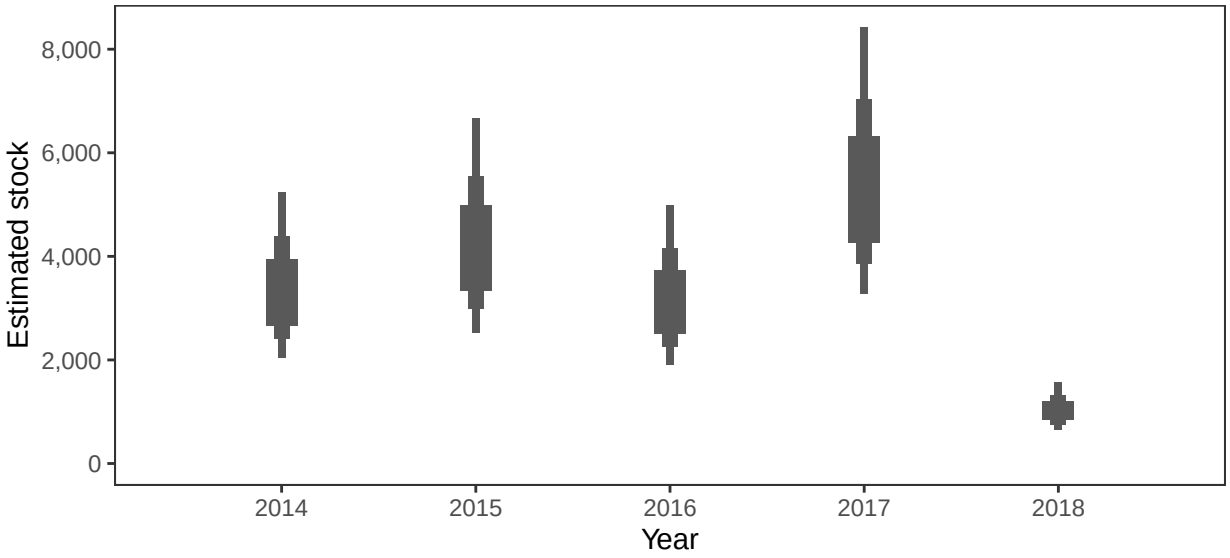
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.14	616,100	1,316,346	96.06	97.58	95.33	98.66	78.7	93.27	1

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

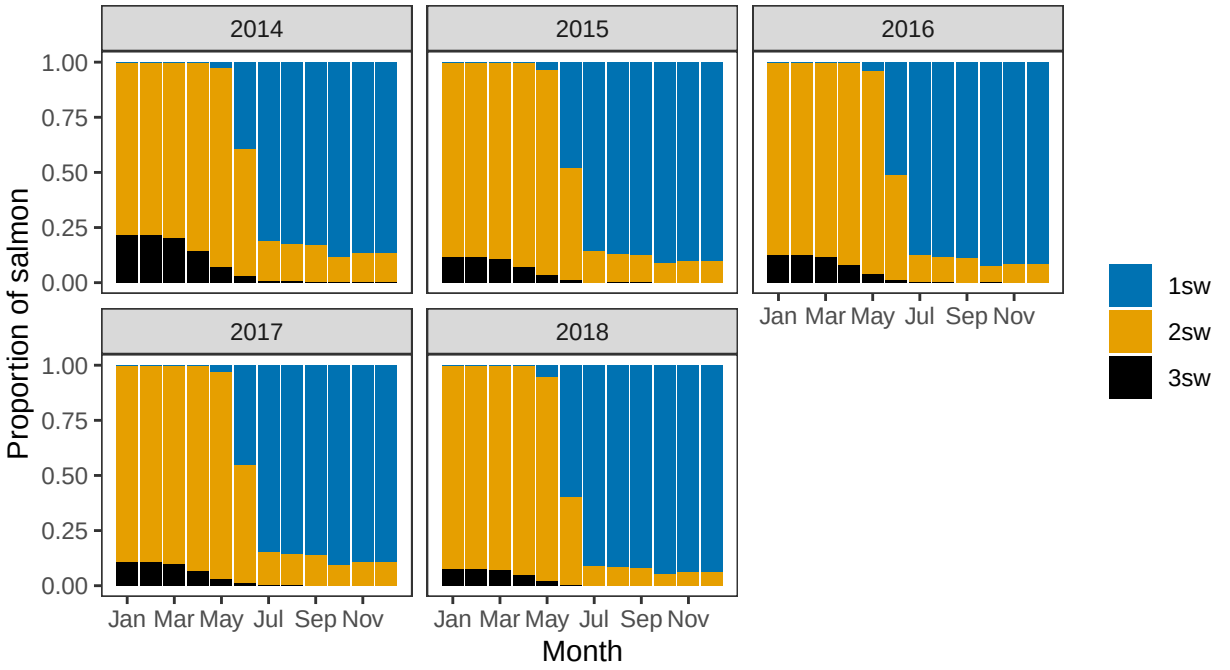
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

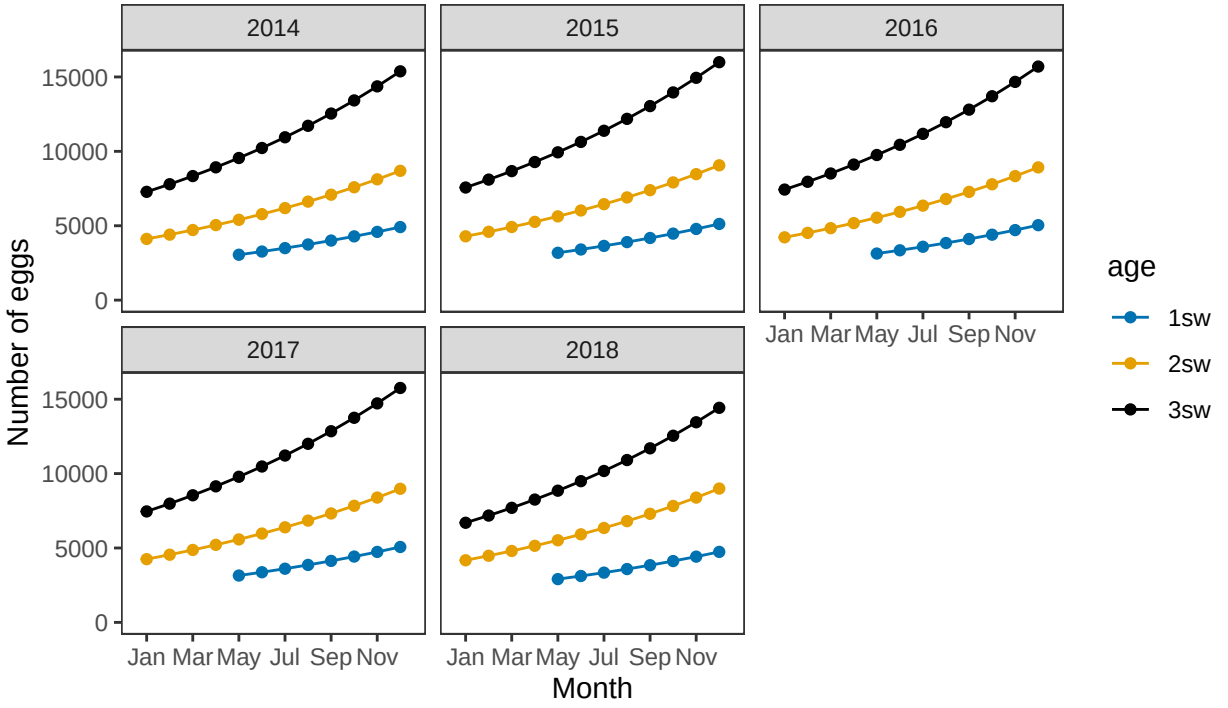
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

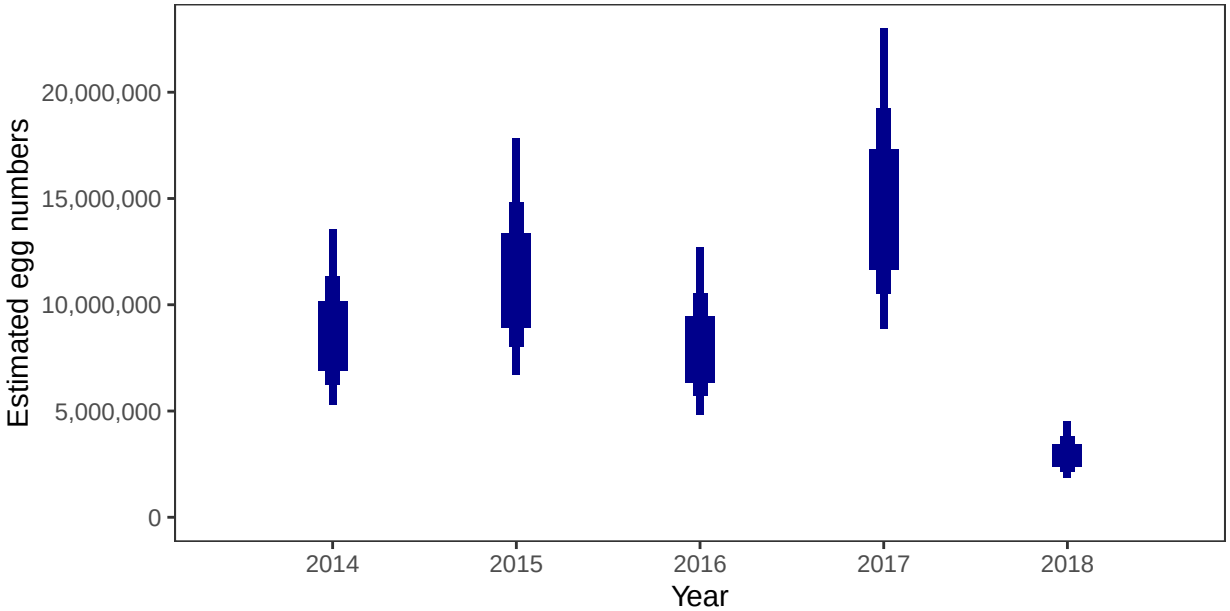


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



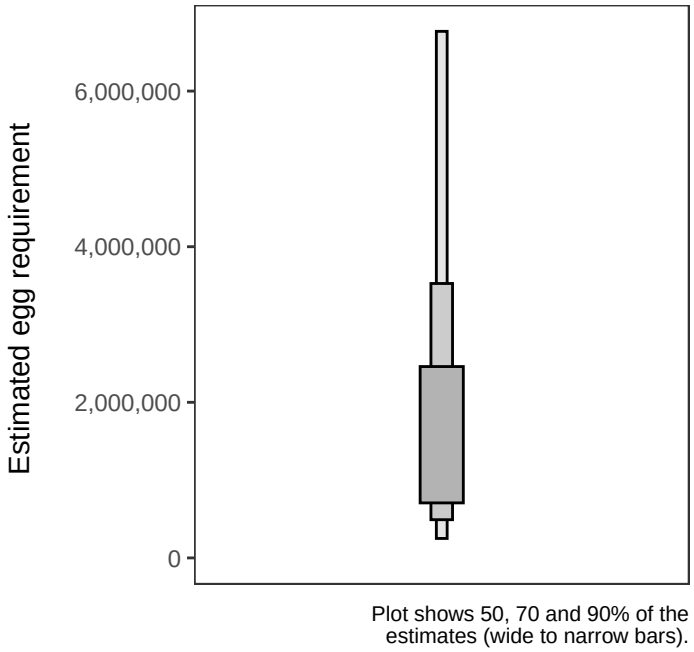
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

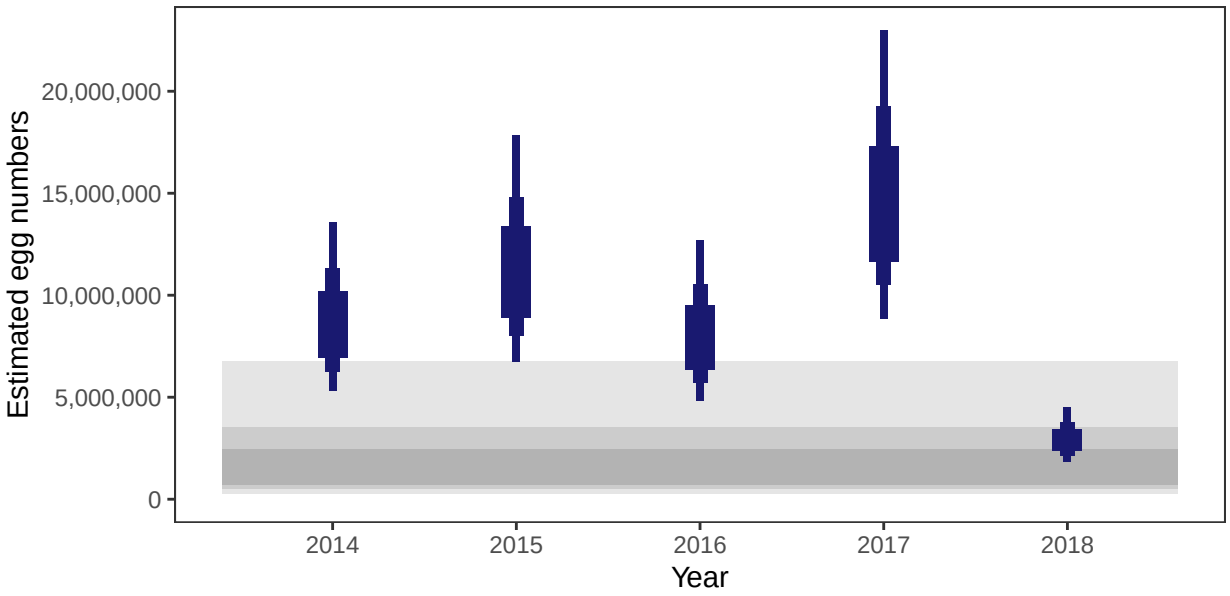
There is an estimated 311,989 square meters of known salmon habitat in the River Borgie SAC and a further 388,074 square meters where salmon may be present.

Egg requirement



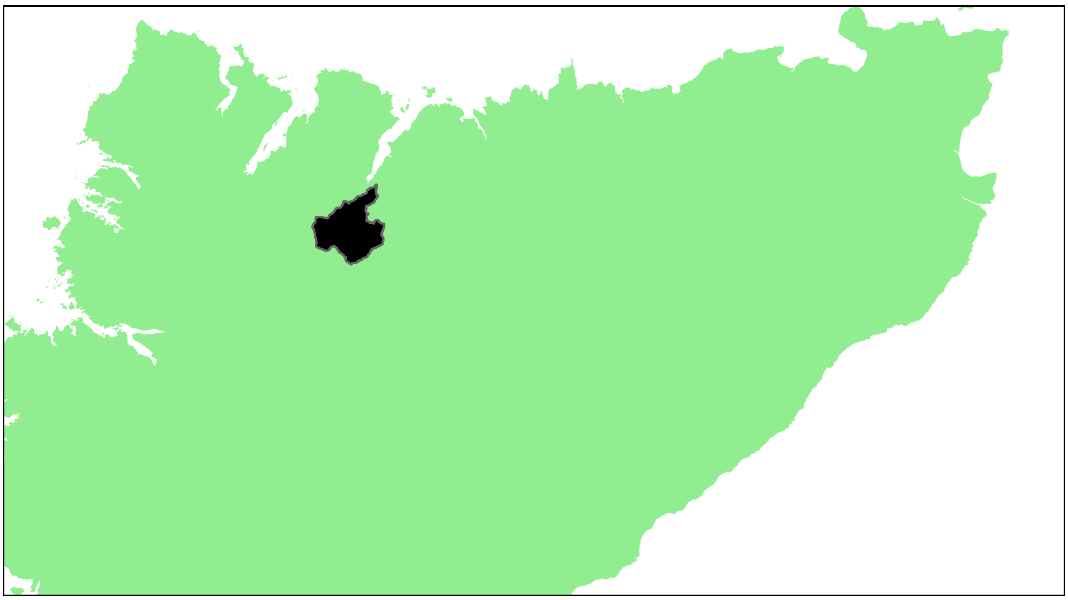
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	96.06
2015	97.58
2016	95.33
2017	98.66
2018	78.70



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Kinloch River: Grade 2



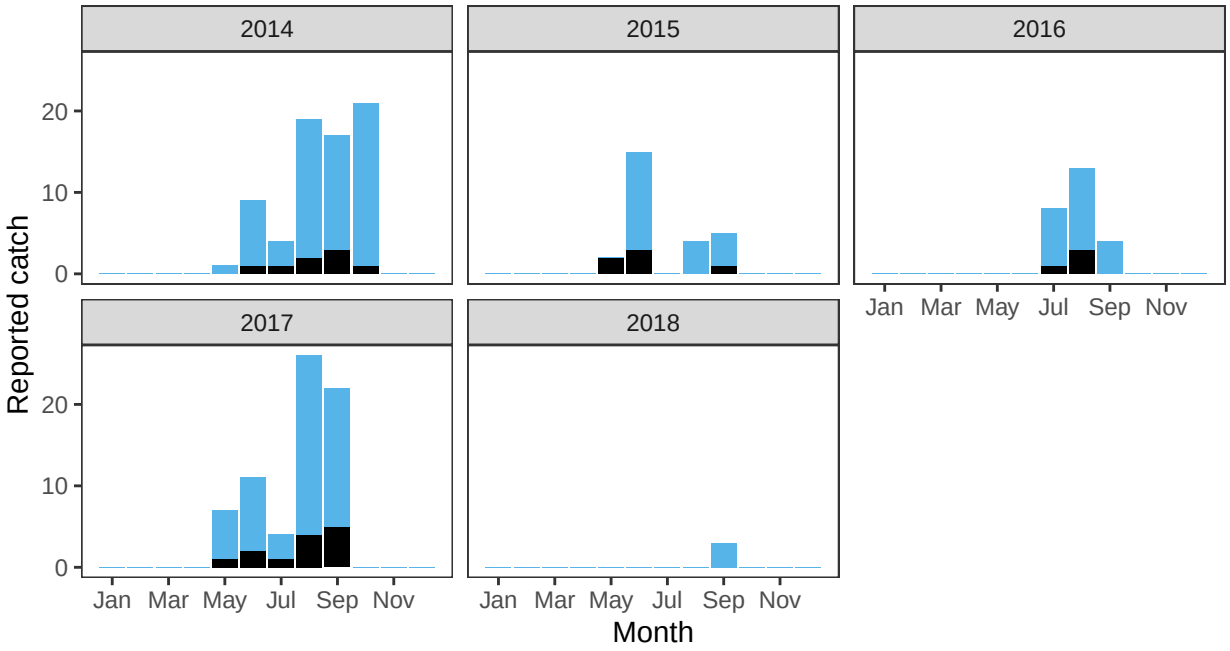
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.2	97,100	214,030	94.27	86.76	65.92	96.23	1.39	68.91	2

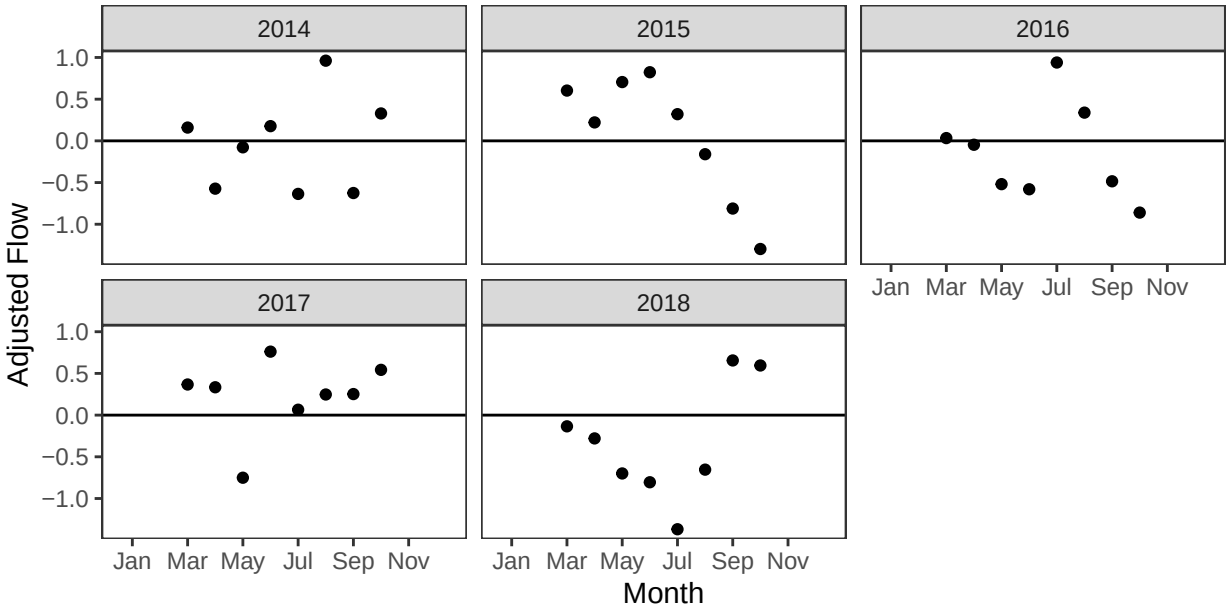
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

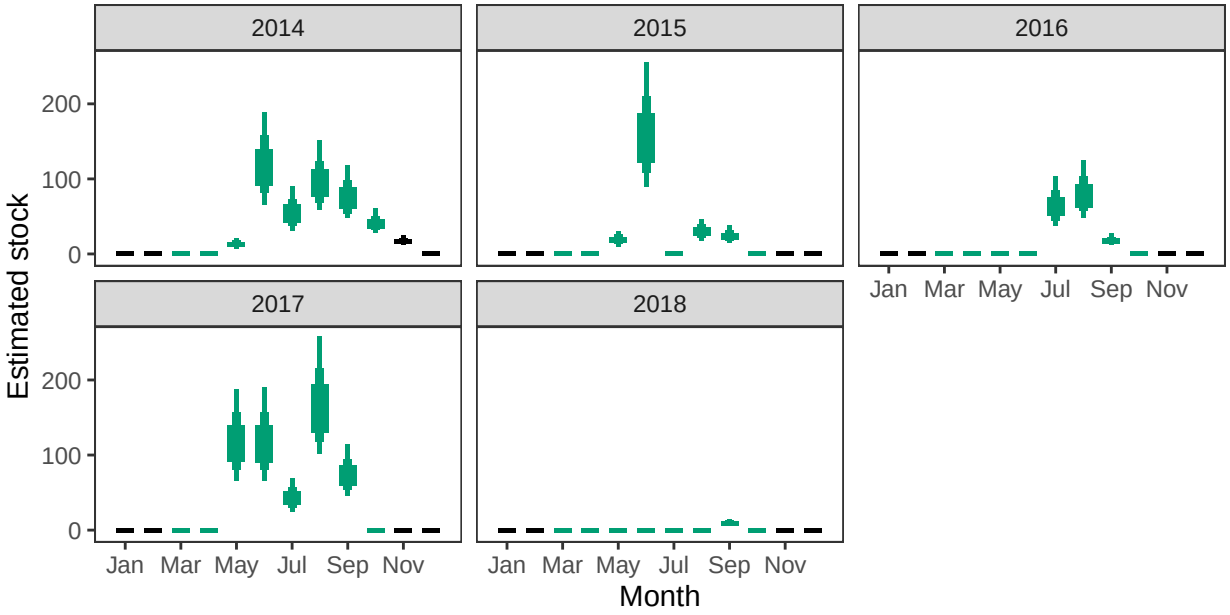
Reported Catches (black = retained, blue = released)



Monthly flow data

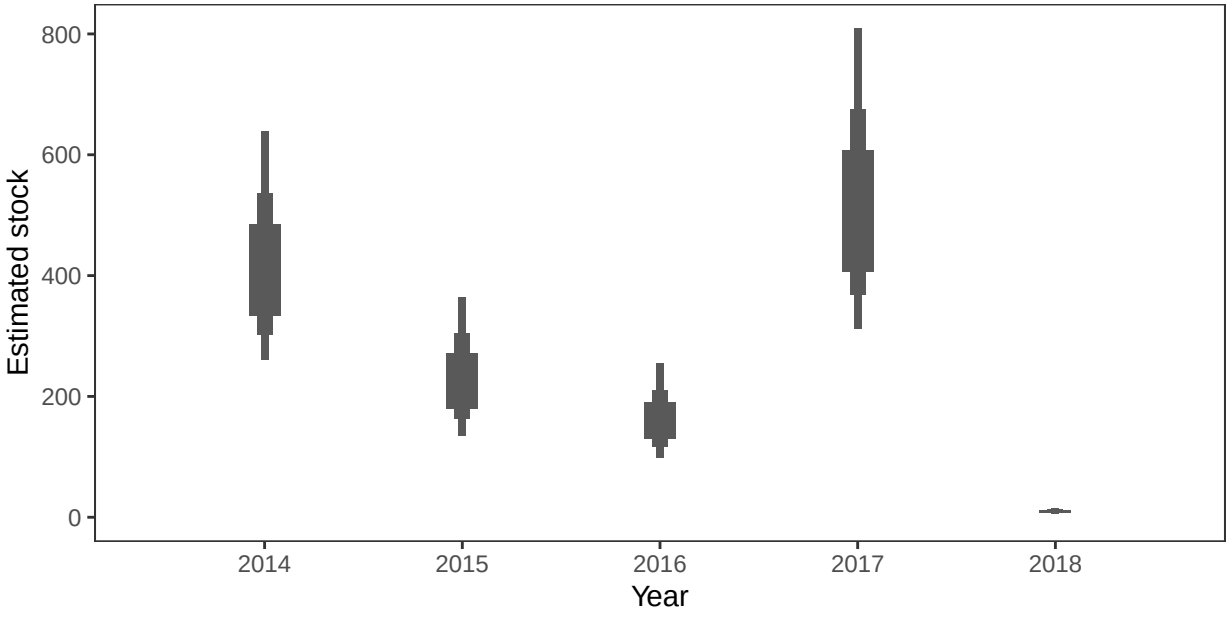


Monthly stock estimates (out of season in black)



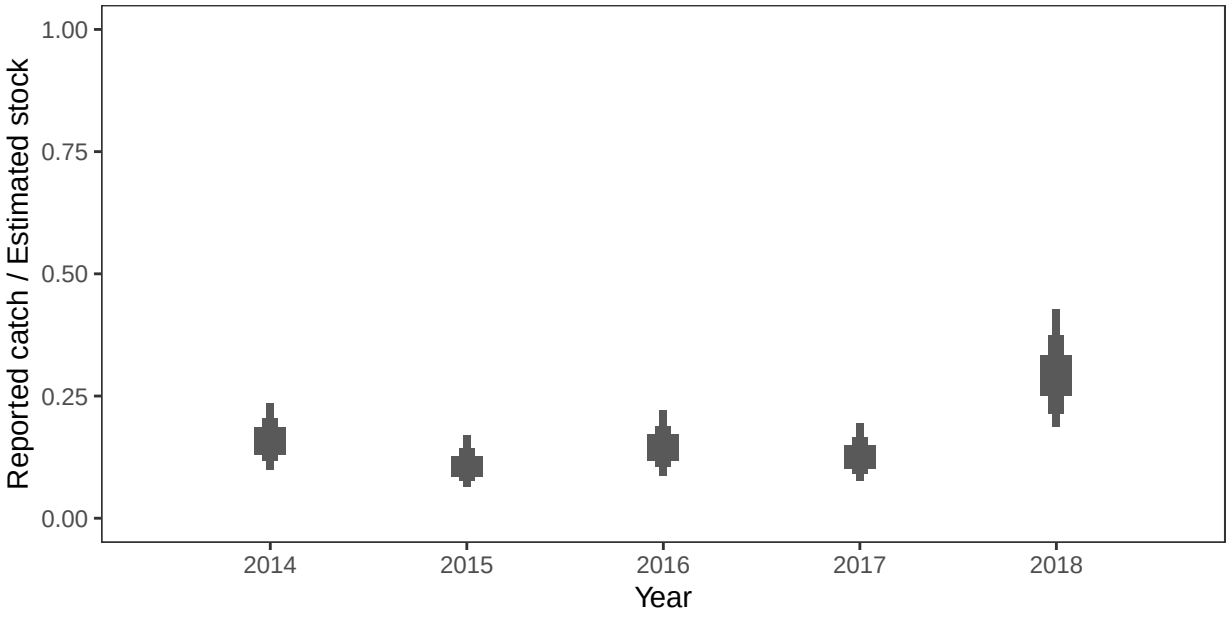
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

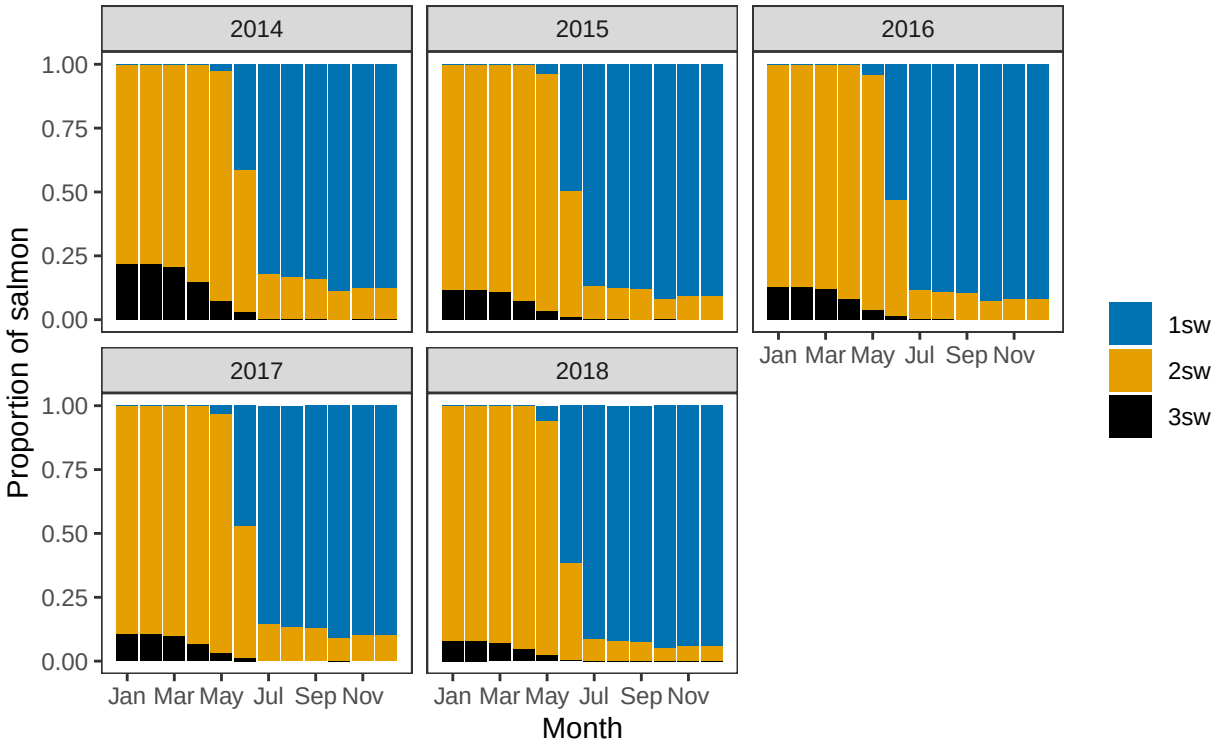
Annual catch as a proportion of stock



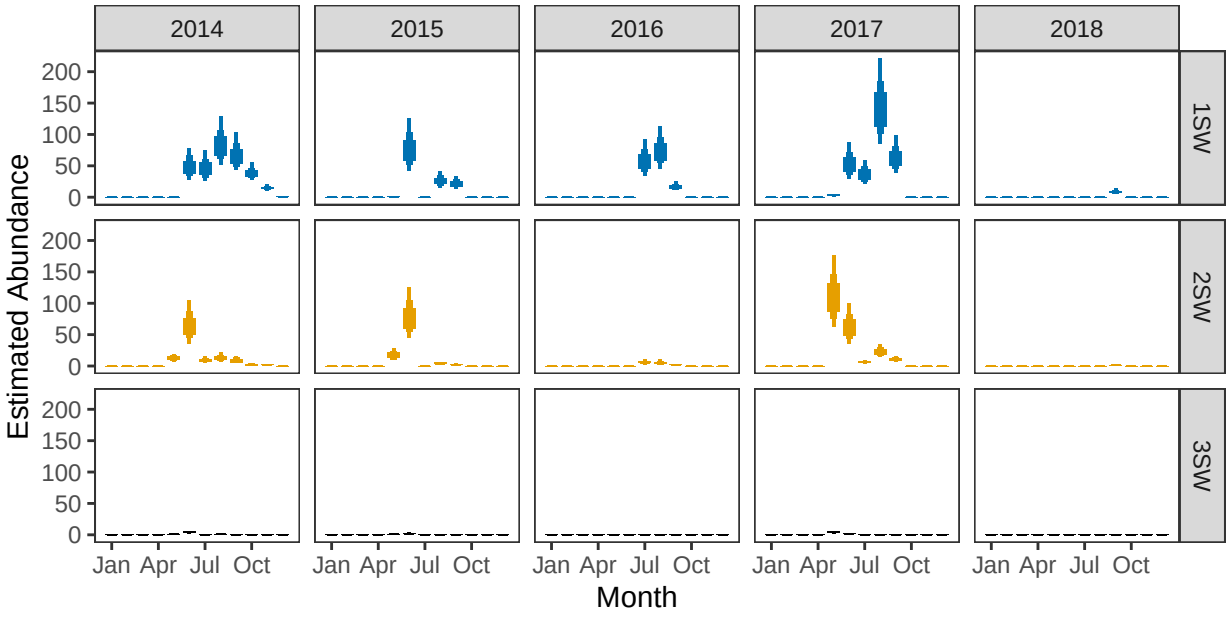
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



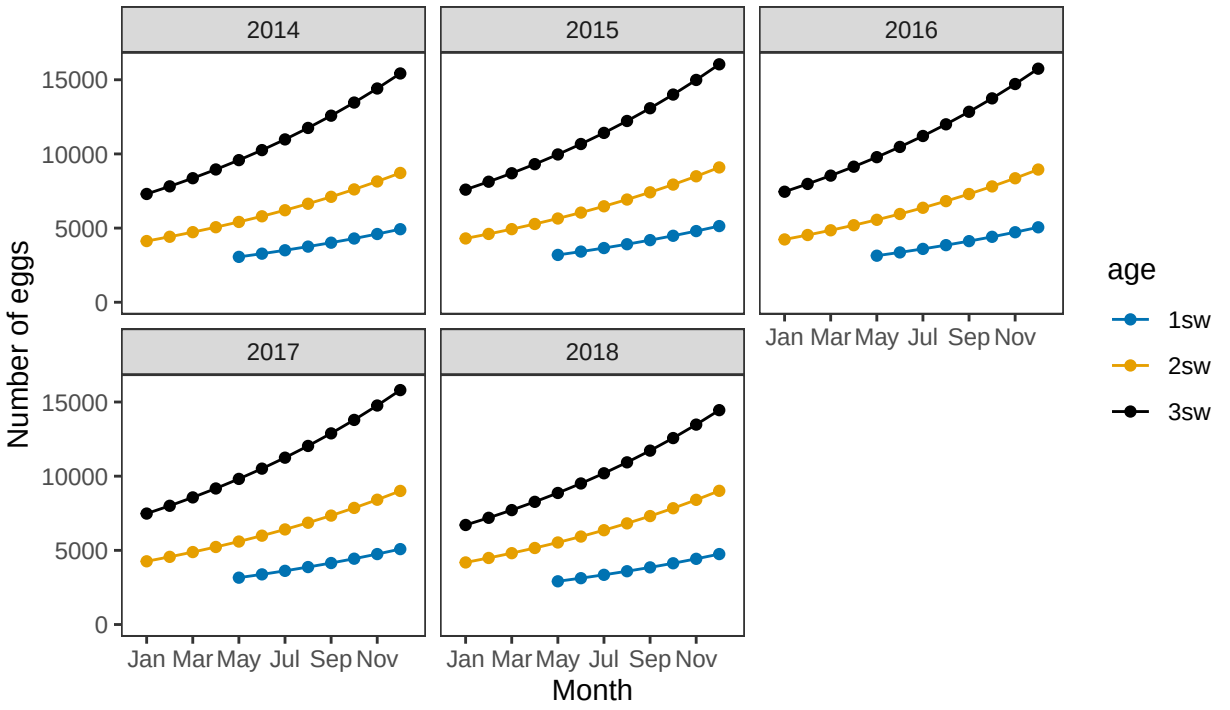
Monthly number of spawning females



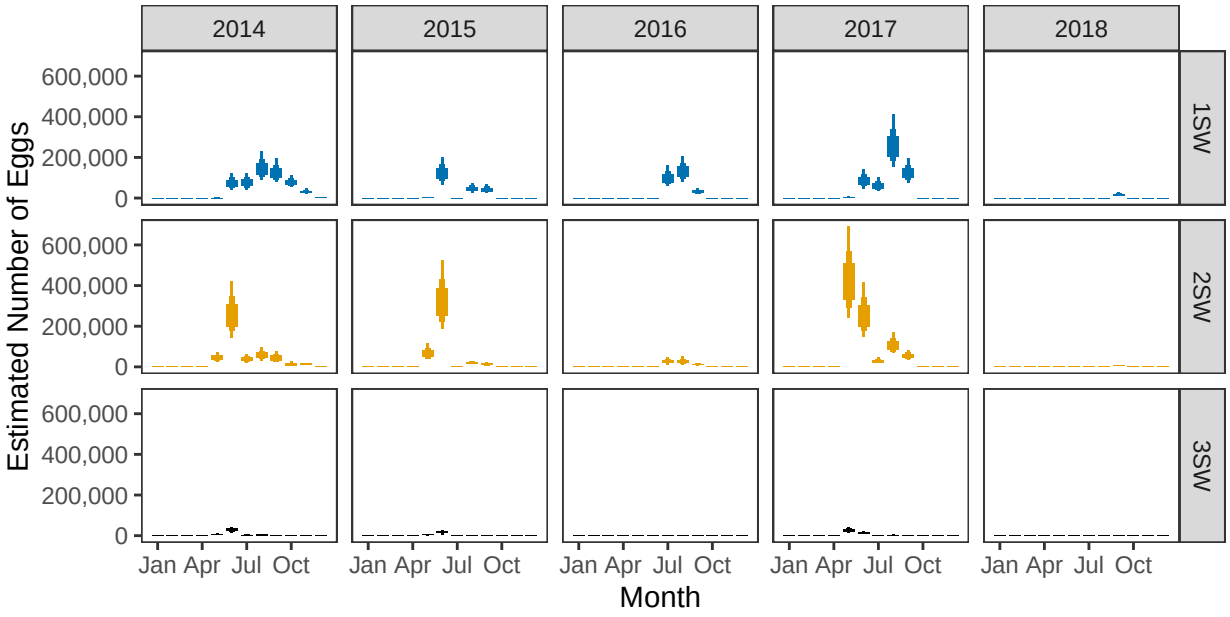
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

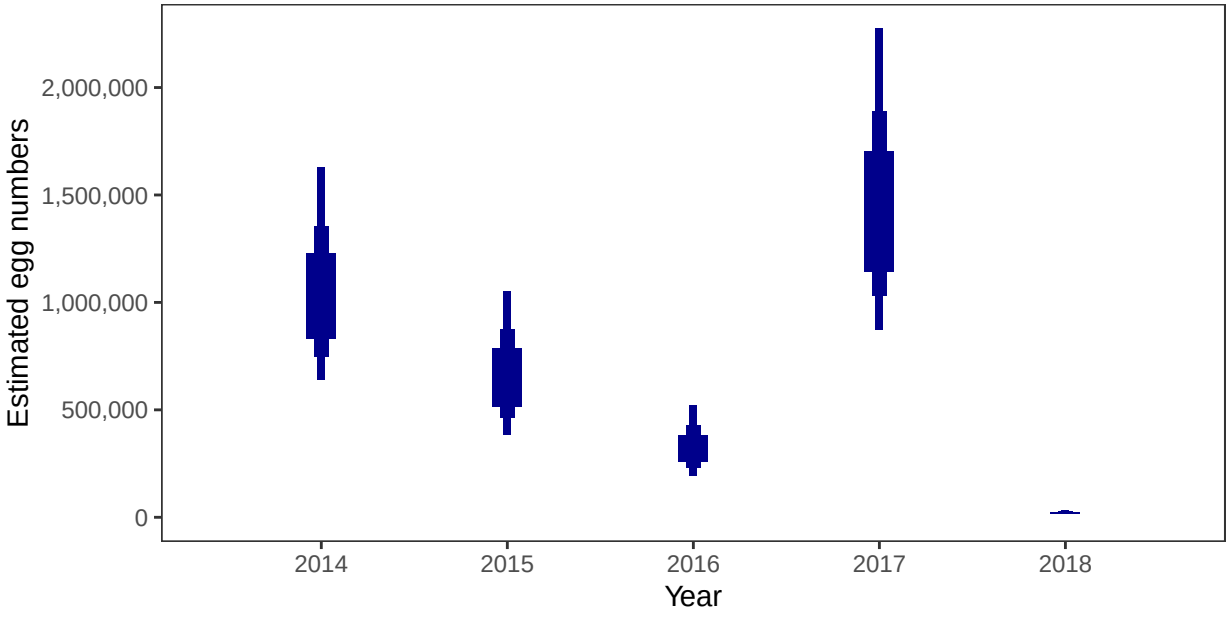


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



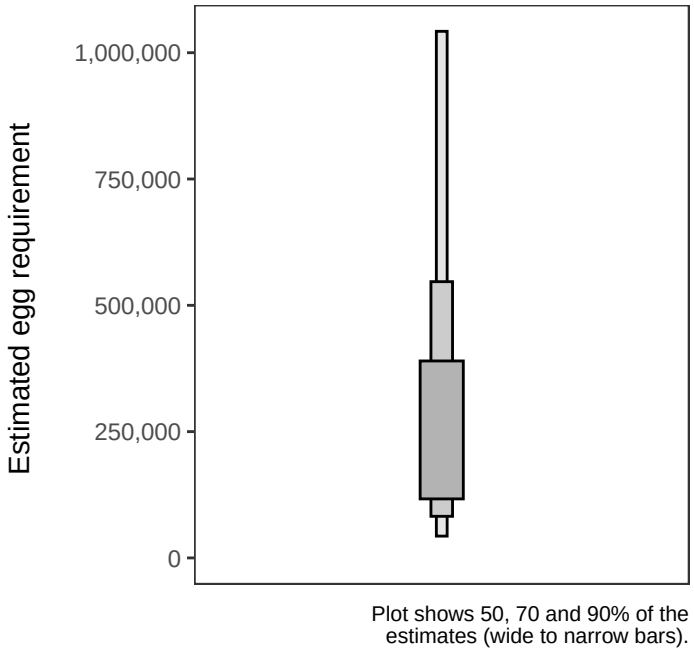
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

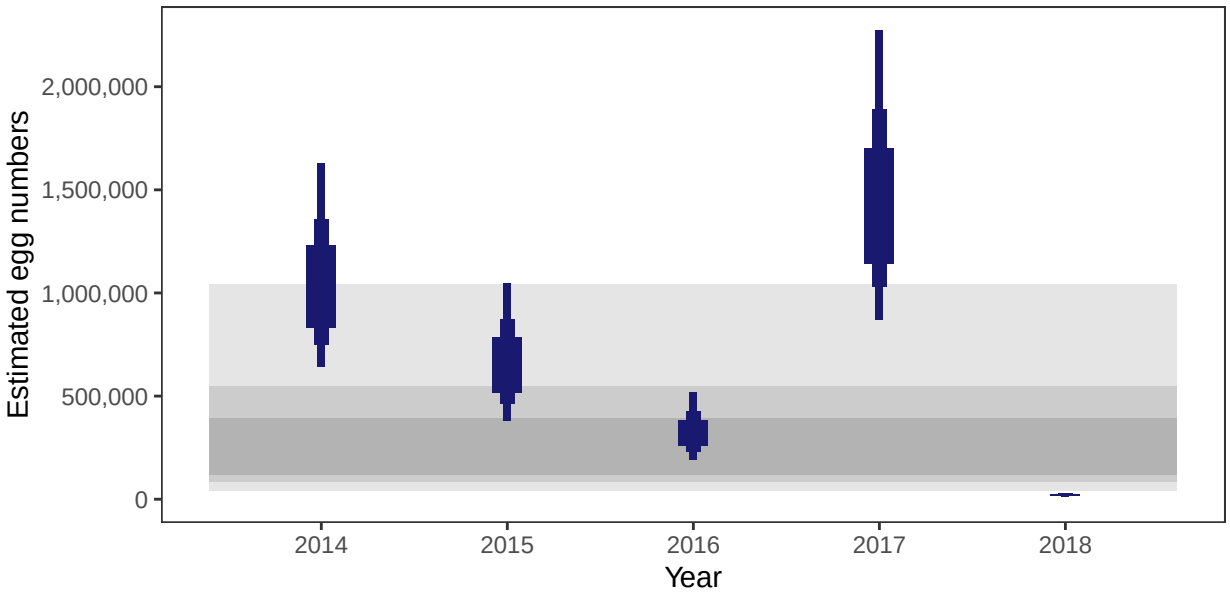
There is an estimated 86,298 square meters of known salmon habitat in the Kinloch River and a further 24,062 square meters where salmon may be present.

Egg requirement



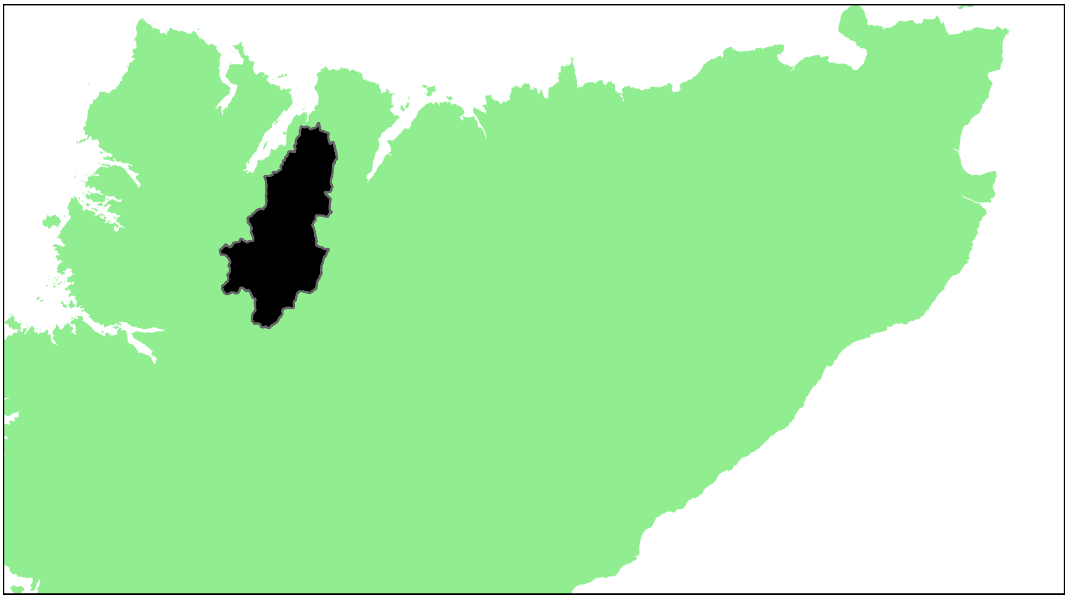
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	94.27
2015	86.76
2016	65.92
2017	96.23
2018	1.39



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Hope: Grade 2



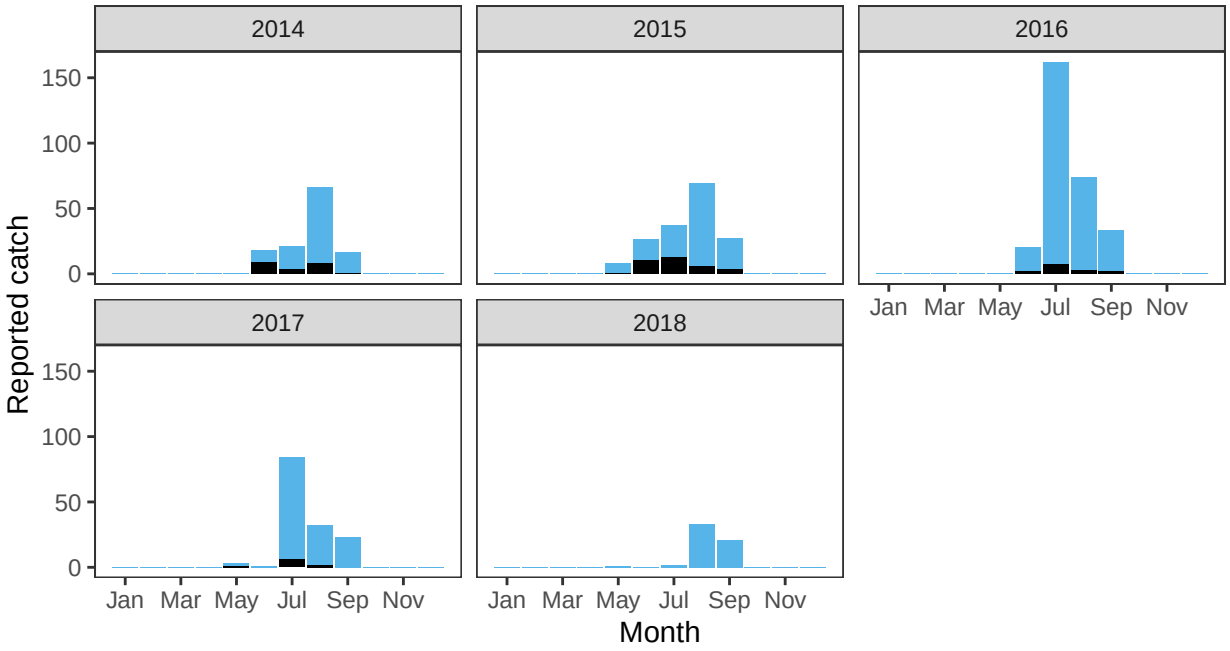
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.57	421,100	1,083,627	81.45	90.9	93.77	85.82	39.48	78.28	2

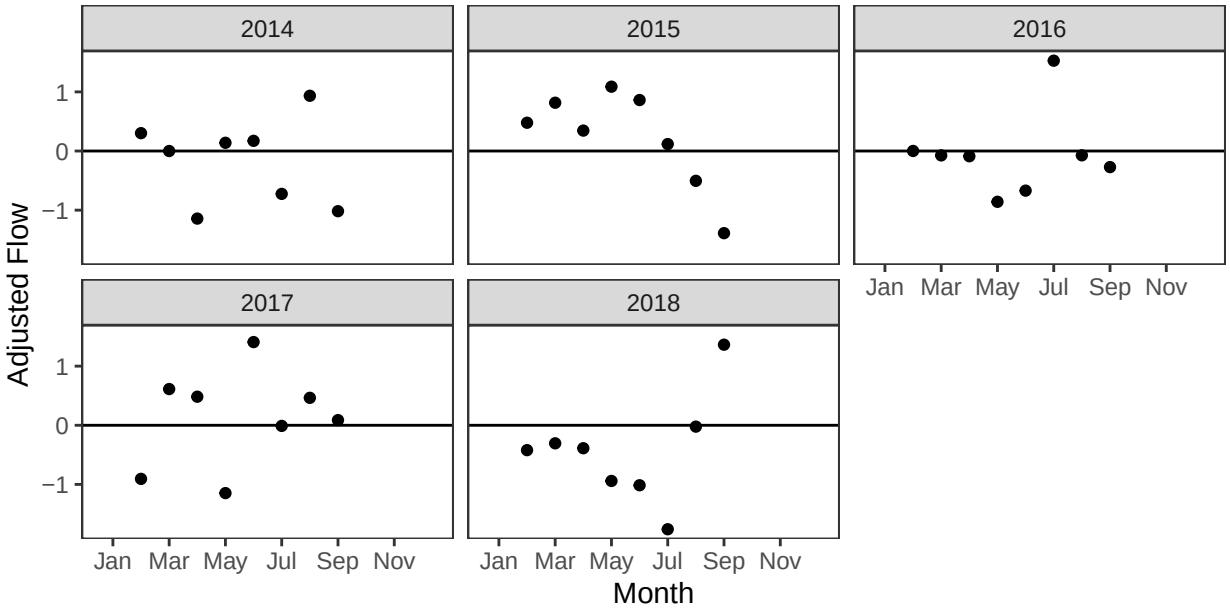
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

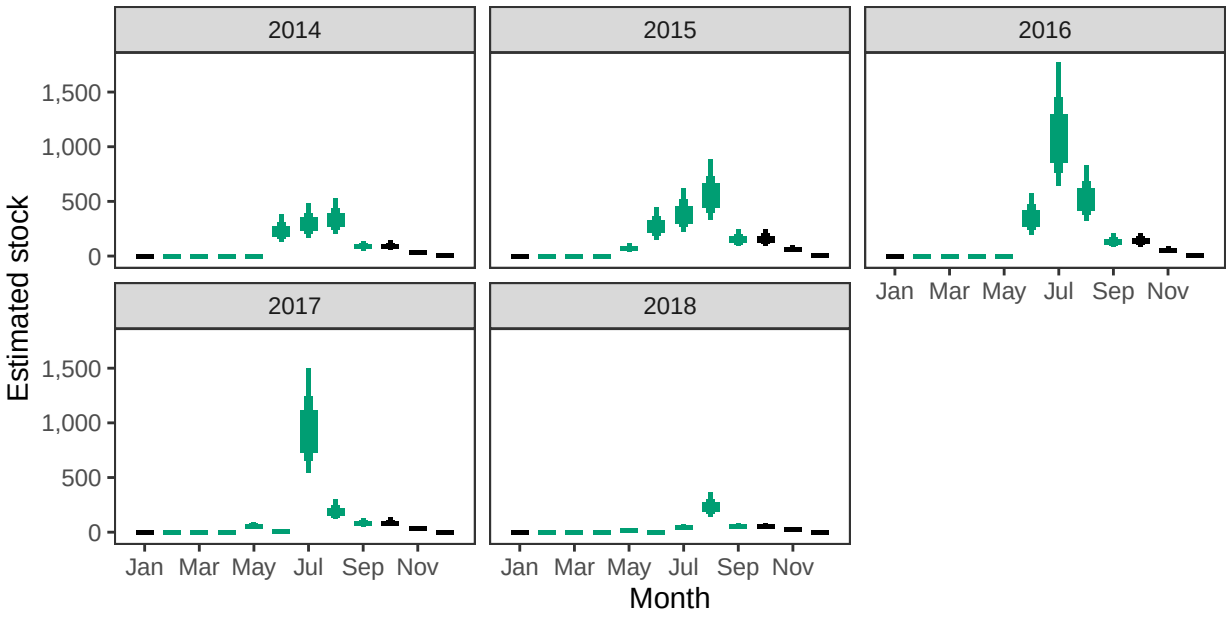
Reported Catches (black = retained, blue = released)



Monthly flow data

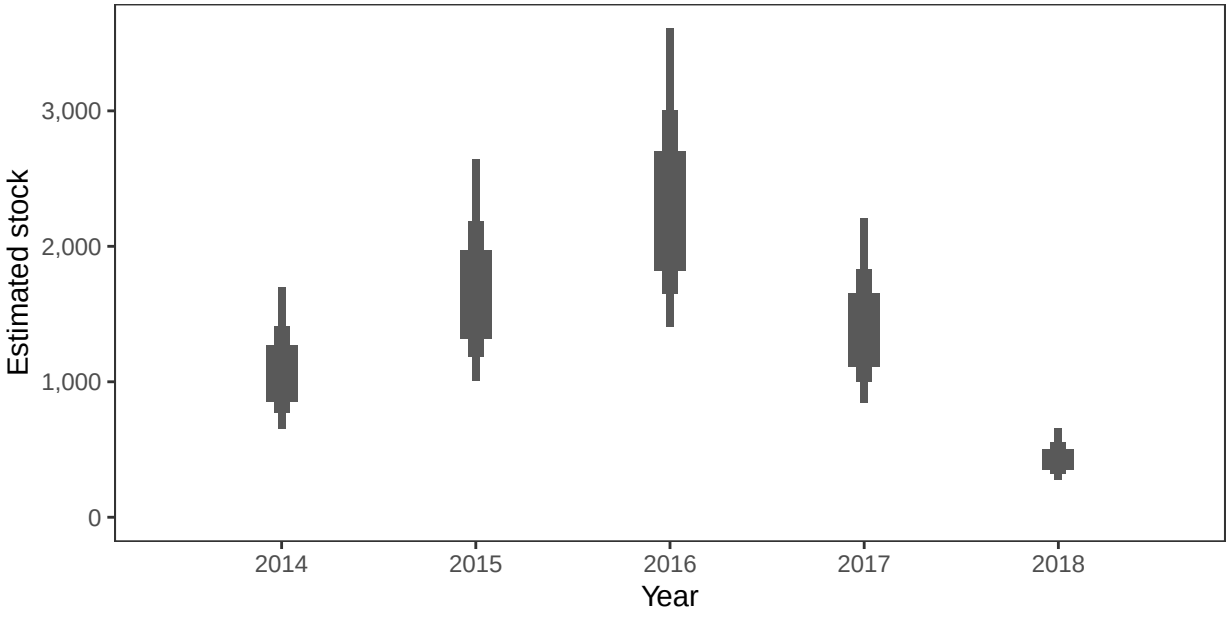


Monthly stock estimates (out of season in black)



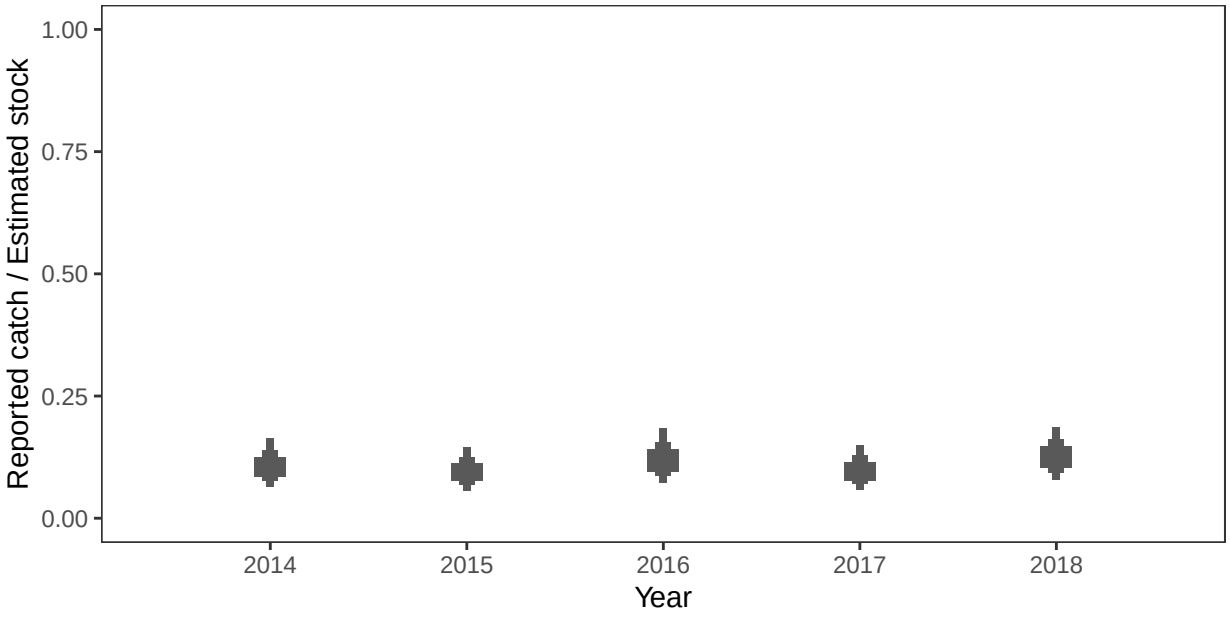
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

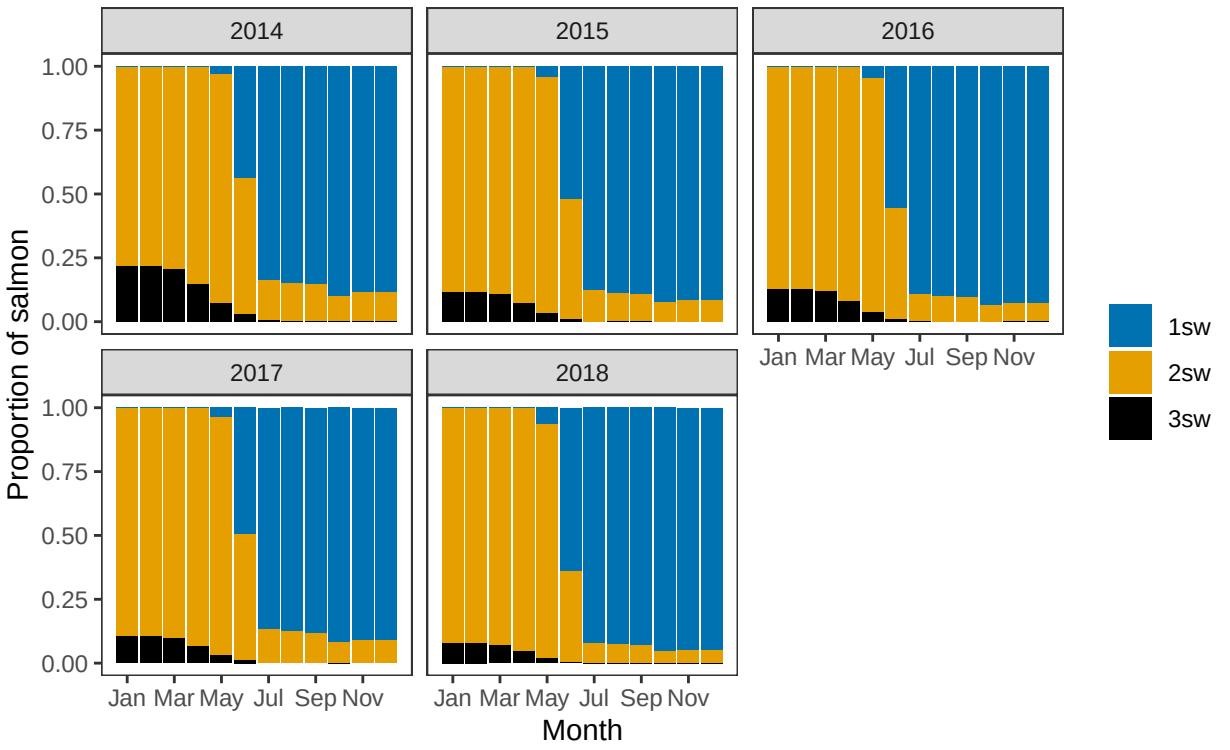
Annual catch as a proportion of stock



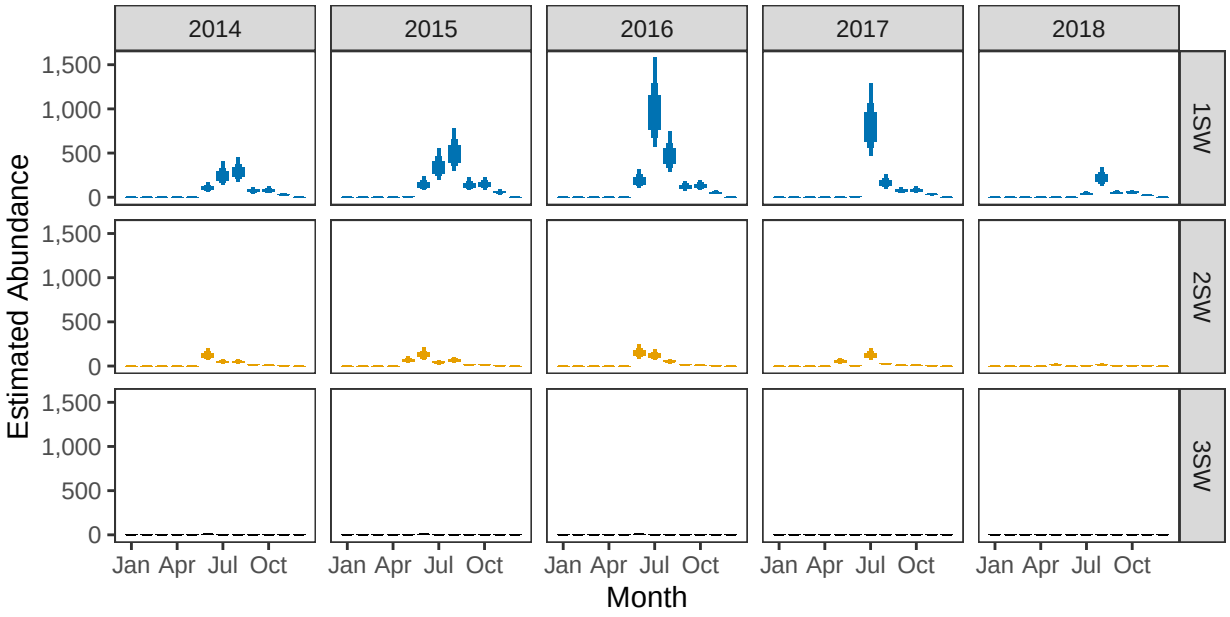
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



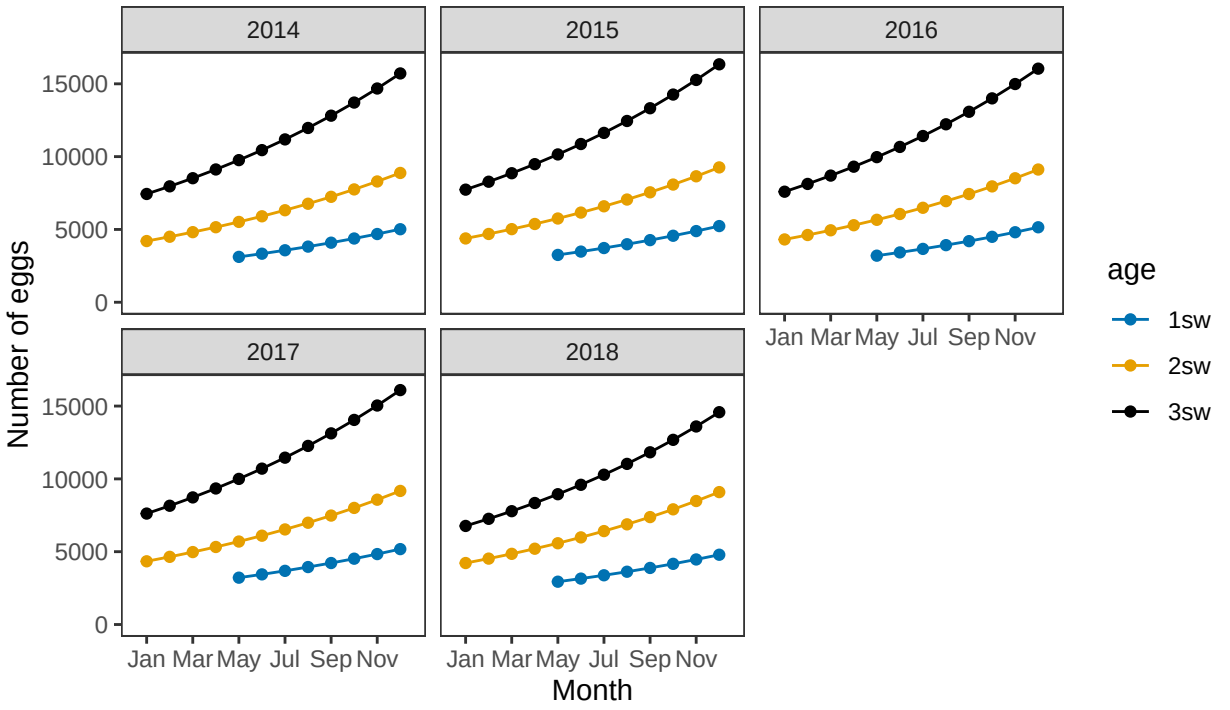
Monthly number of spawning females



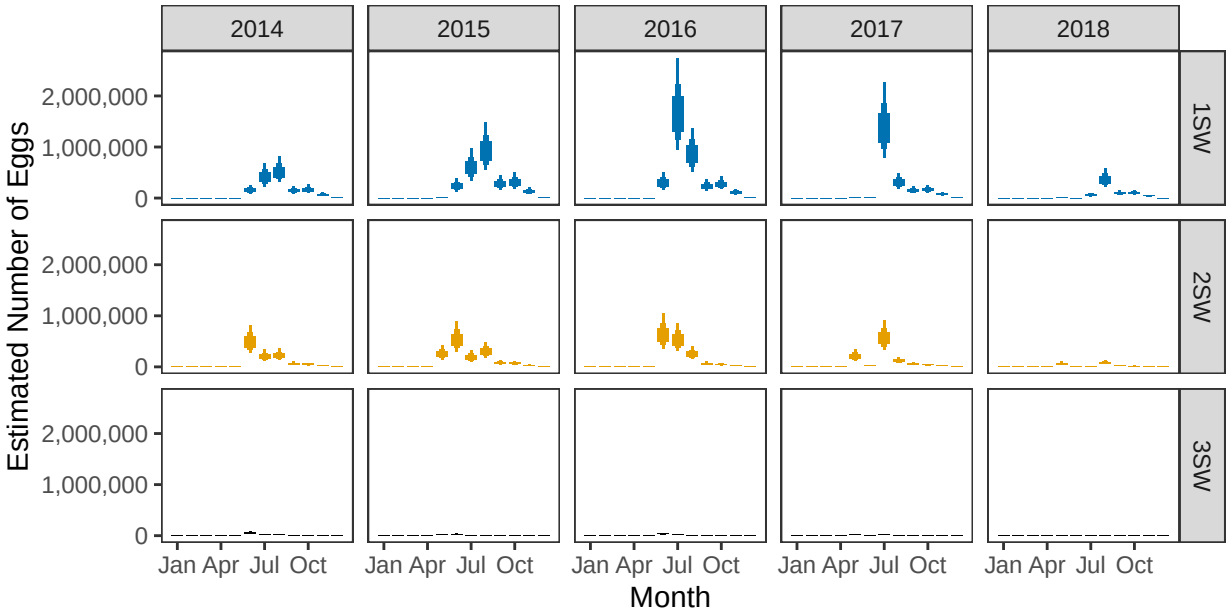
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

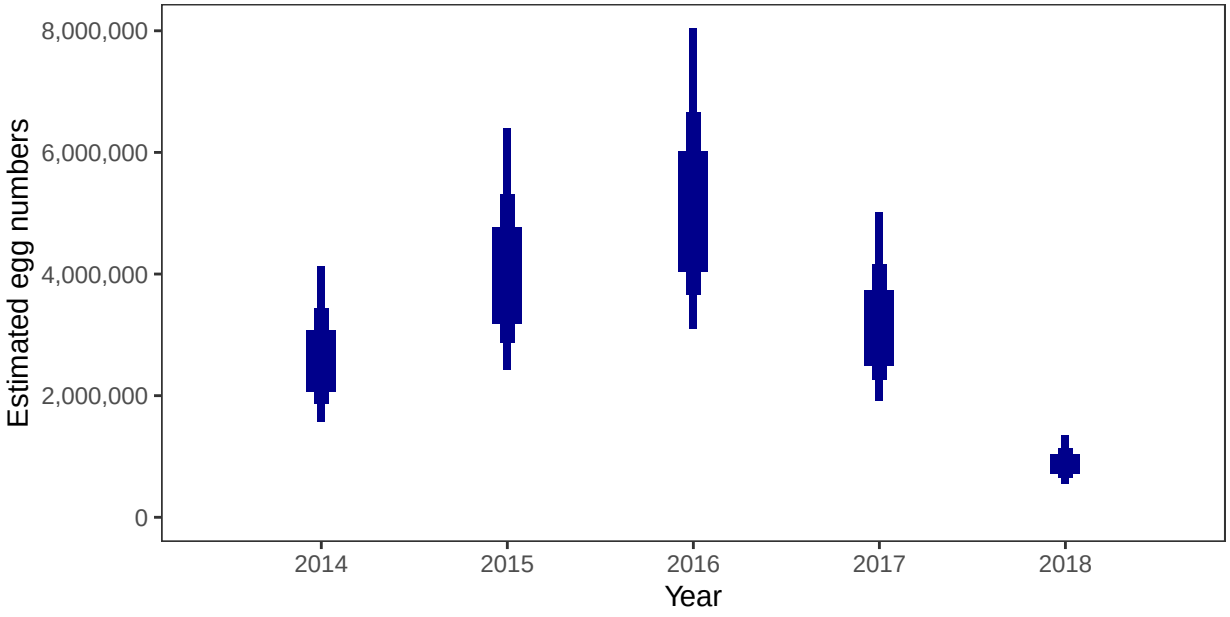


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



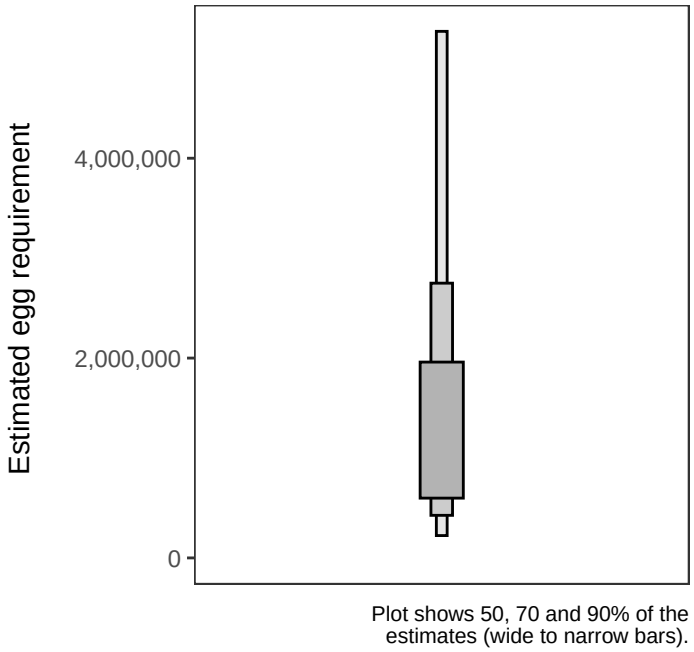
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

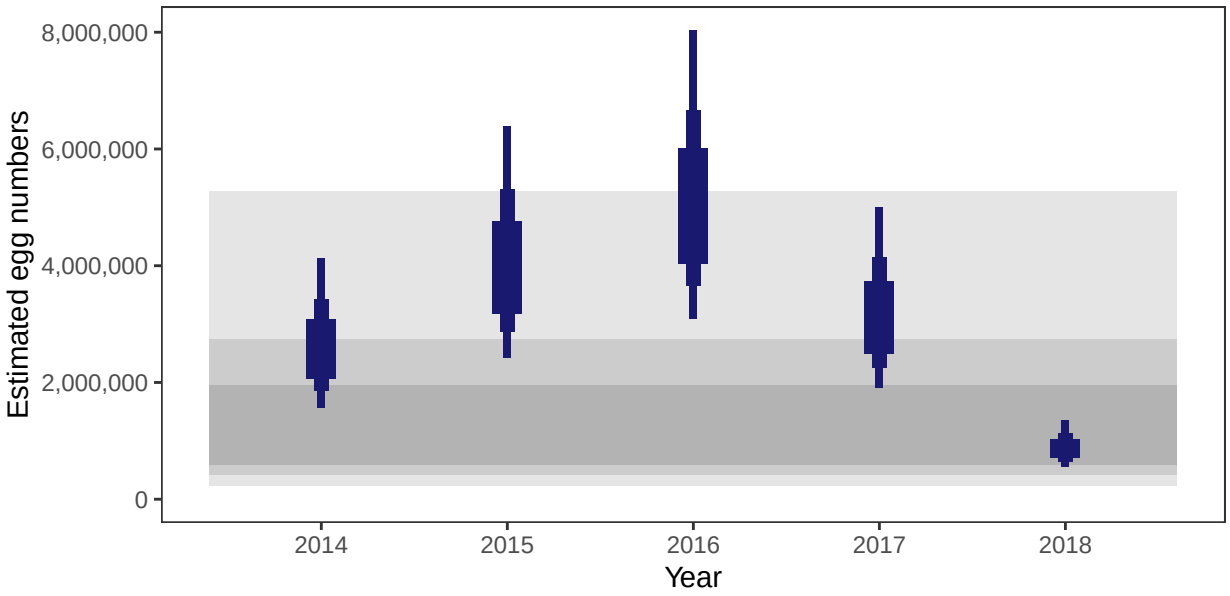
There is an estimated 446,128 square meters of known salmon habitat in the River Hope and a further 32,384 square meters where salmon may be present.

Egg requirement



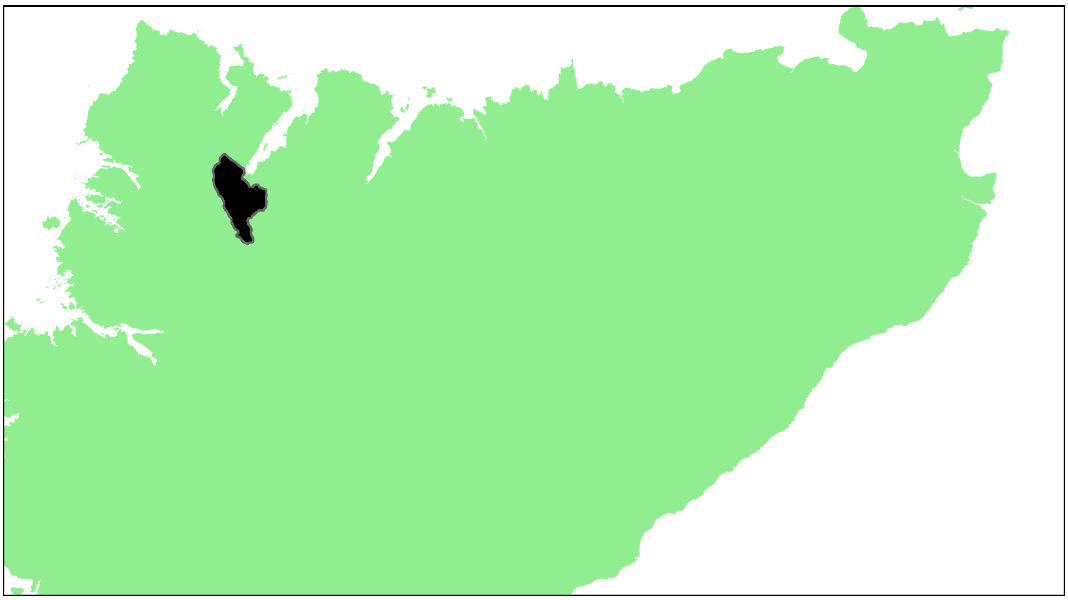
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	81.45
2015	90.90
2016	93.77
2017	85.82
2018	39.48



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

River Polla: Grade 3



Detailed information on catches is not publicly available for this assessment area

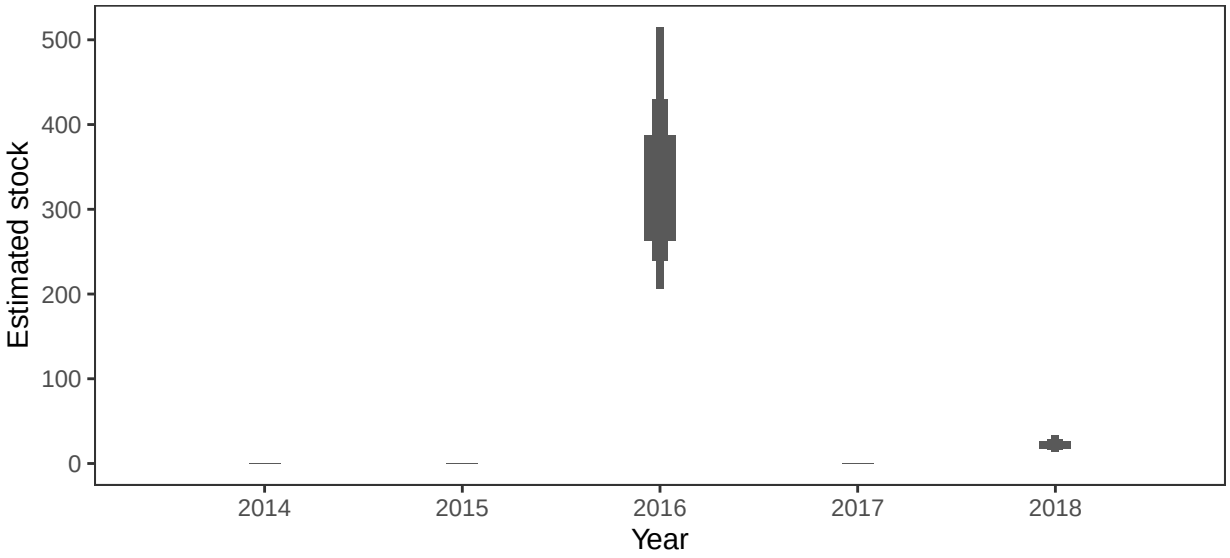
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.67	80,900	216,120	0	0	88.51	0	4.66	18.63	3

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

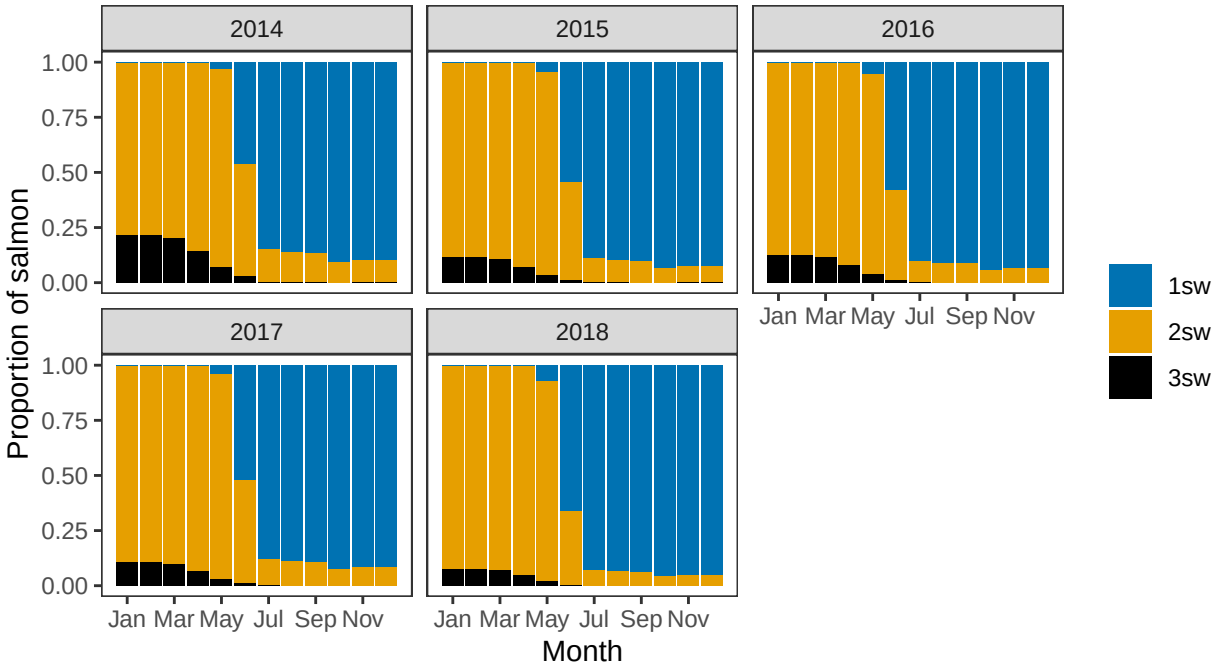
Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

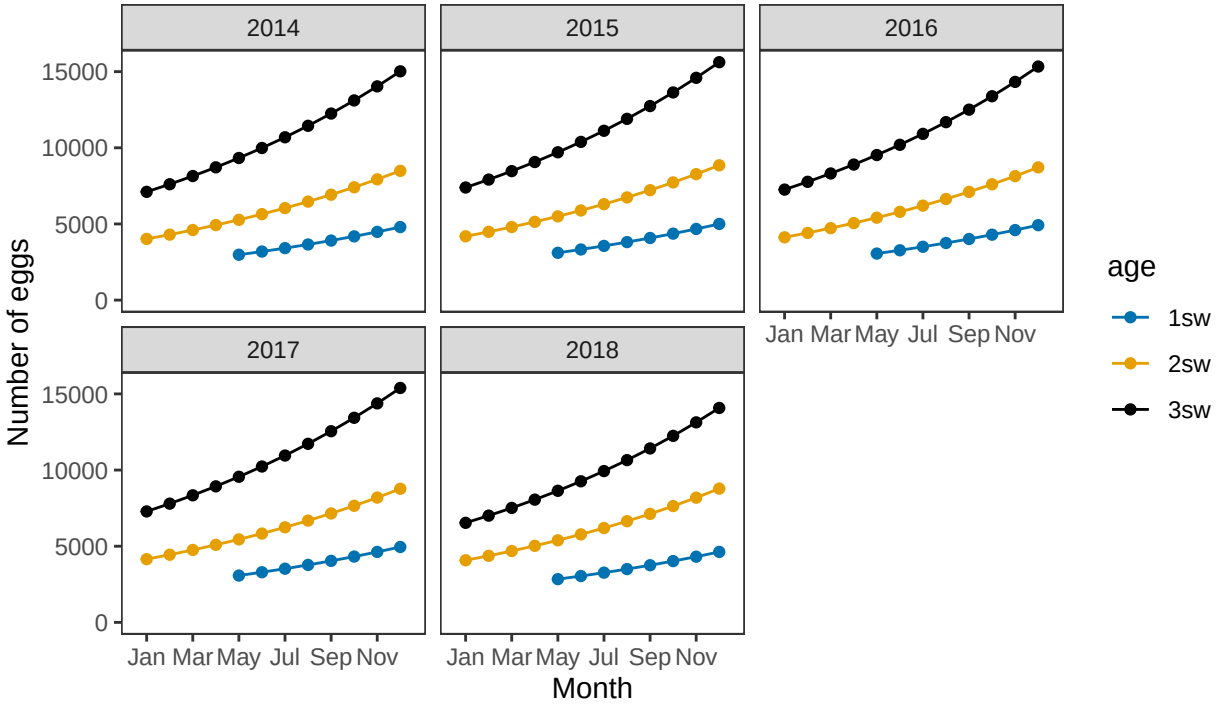
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

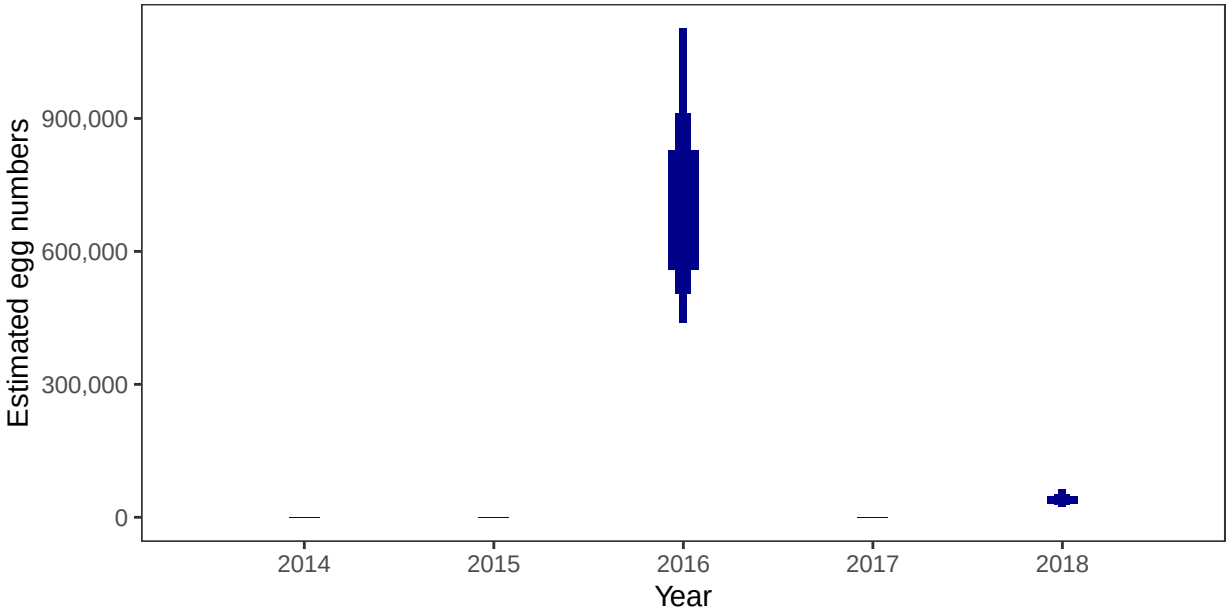


3. Converting Number of Spawners to Number of Eggs

Egg contents of females



Total annual egg numbers



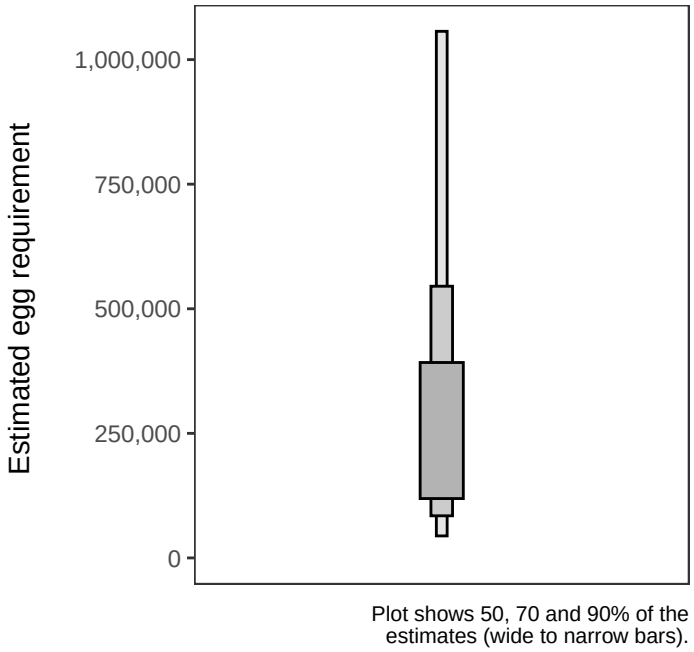
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

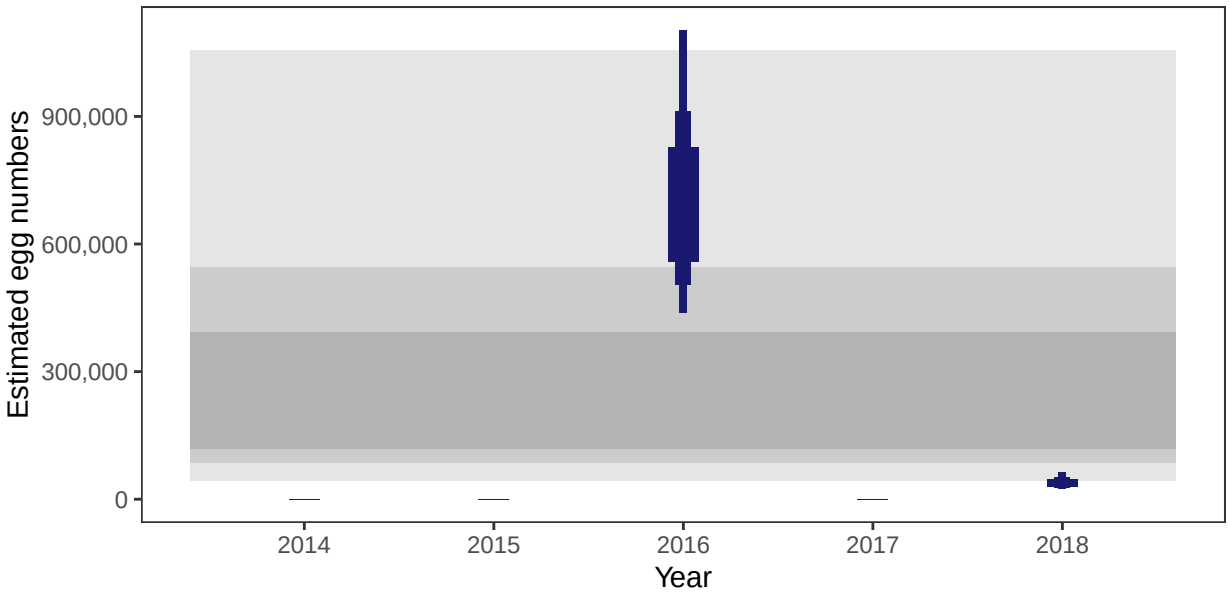
There is an estimated 91,883 square meters of known salmon habitat in the River Polla and a further 0 square meters where salmon may be present.

Egg requirement



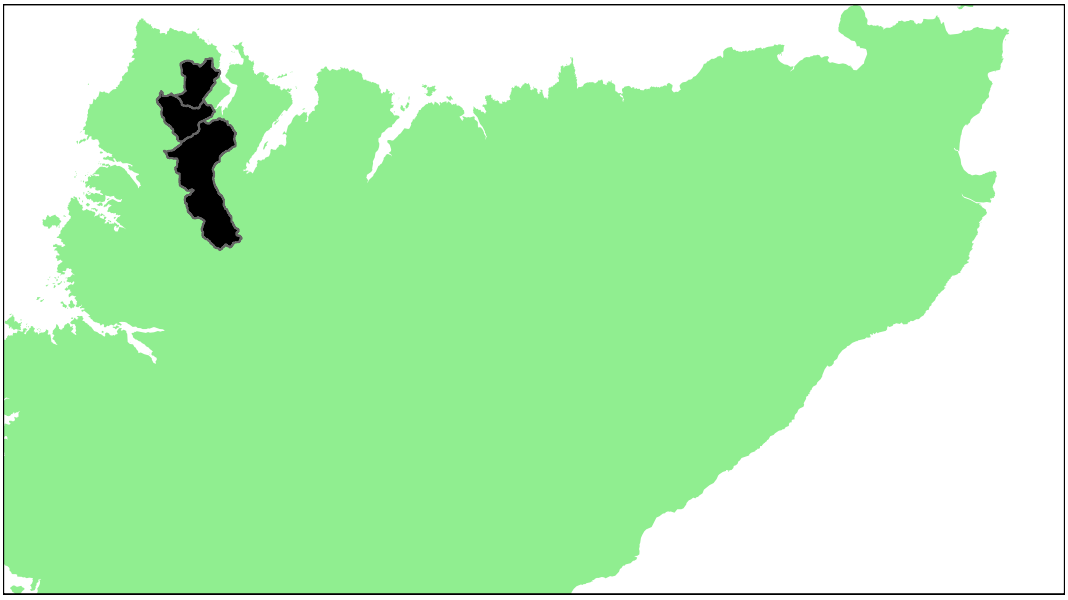
5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	-
2015	-
2016	88.51
2017	-
2018	4.66



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

Kyle of Durness: Grade 1



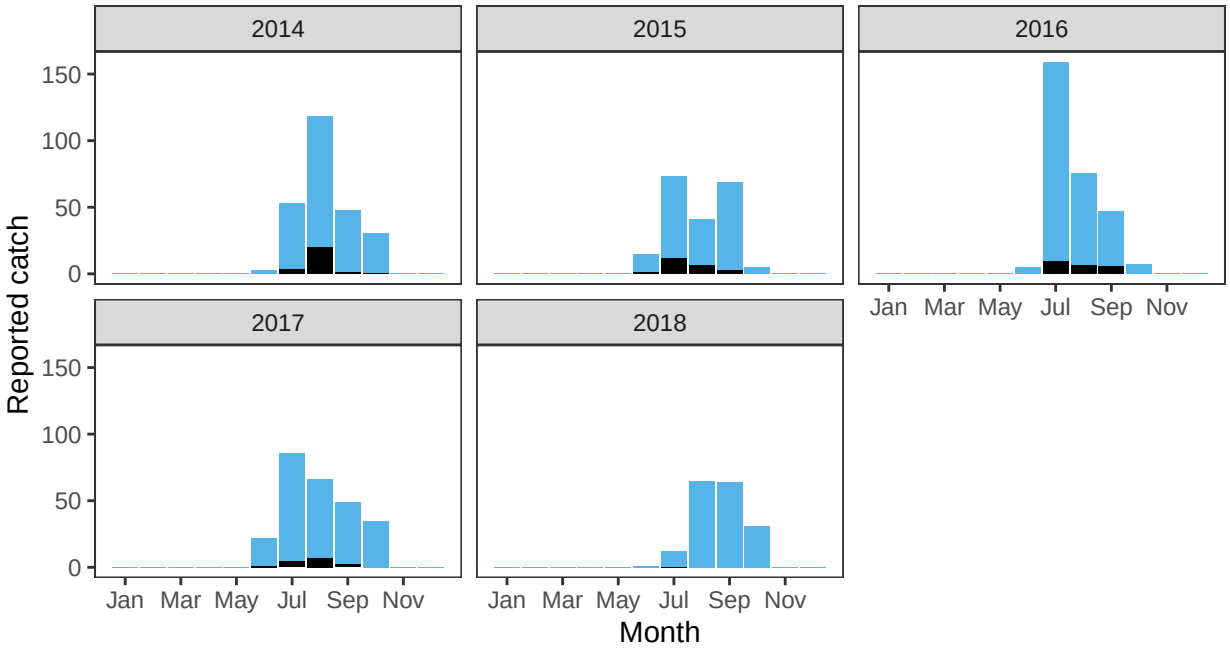
Summary Table

Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2014	2015	2016	2017	2018	Overall	
2.4	562,400	1,349,574	84.21	81.8	87.32	87.01	66.09	81.29	1

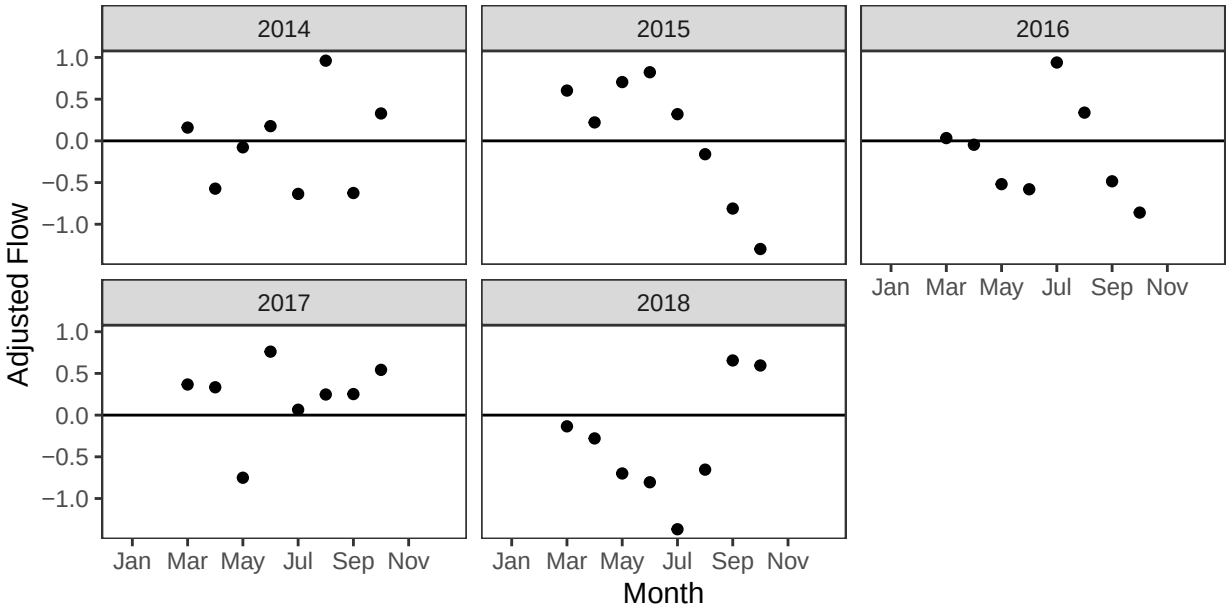
[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon

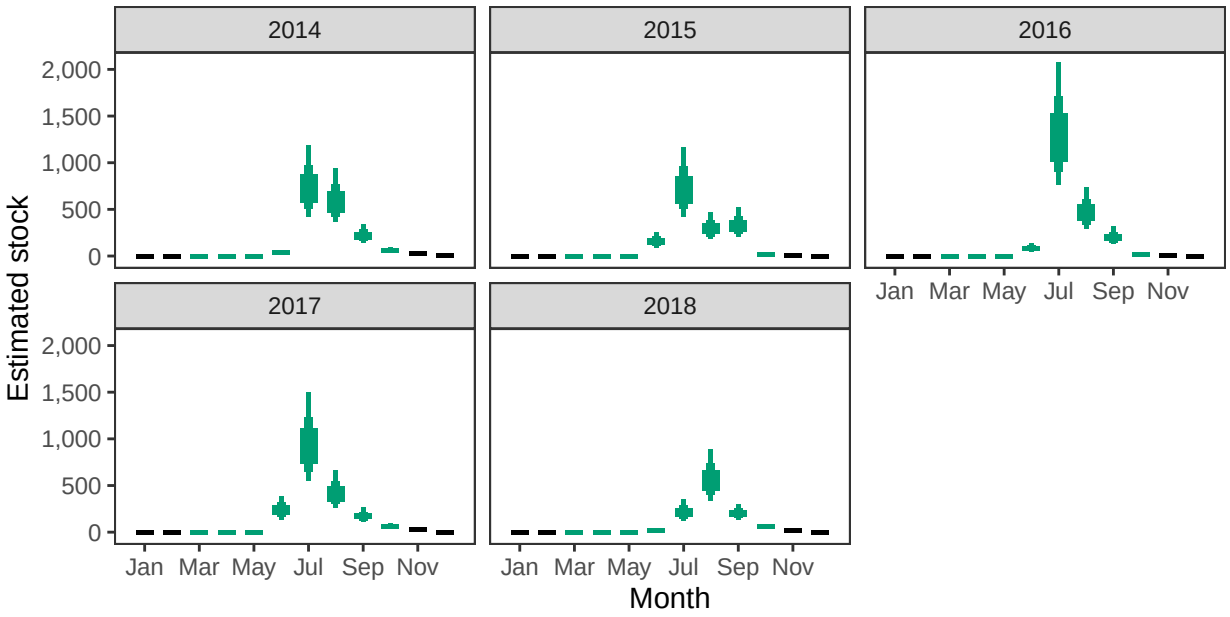
Reported Catches (black = retained, blue = released)



Monthly flow data

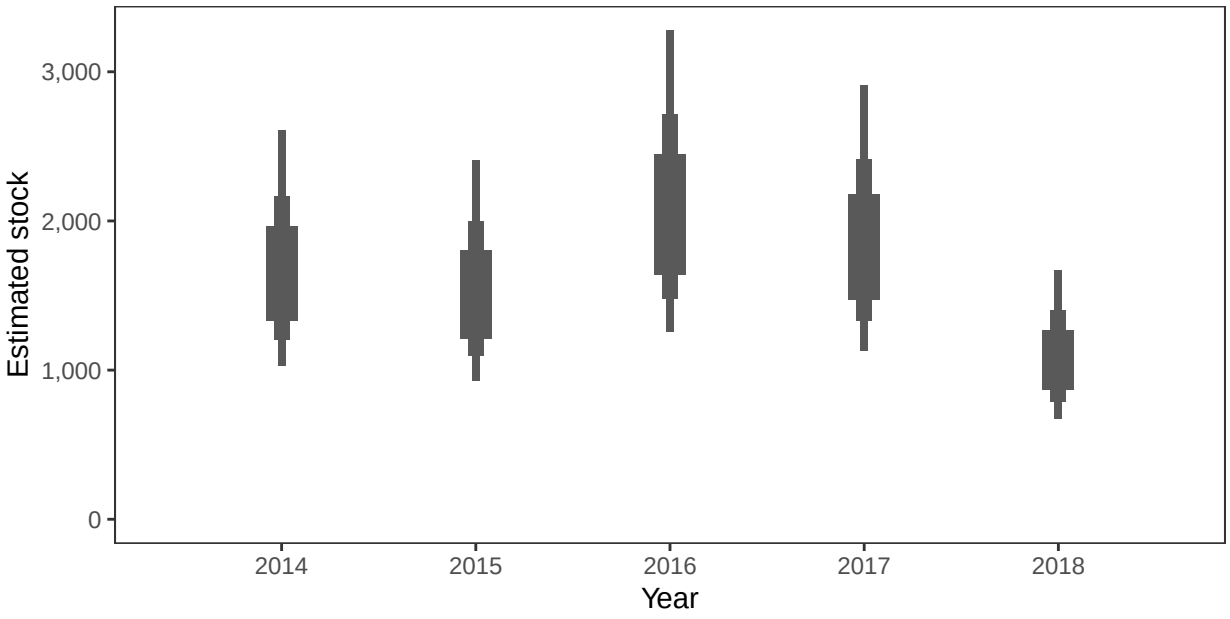


Monthly stock estimates (out of season in black)



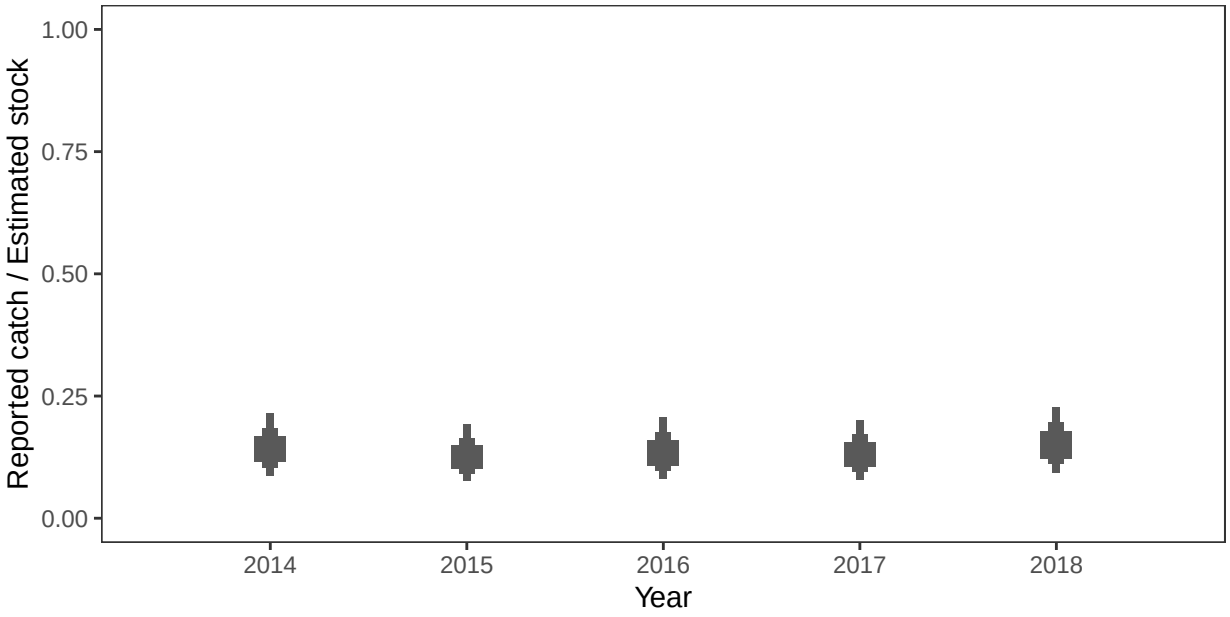
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

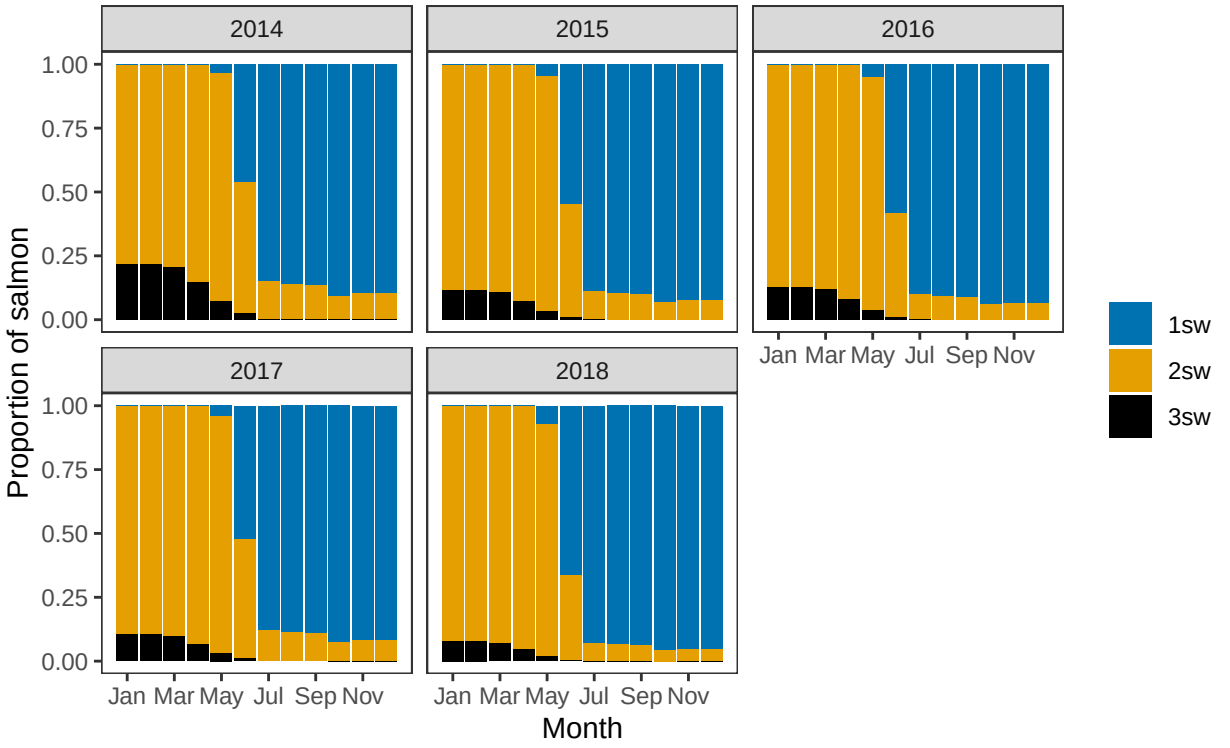
Annual catch as a proportion of stock



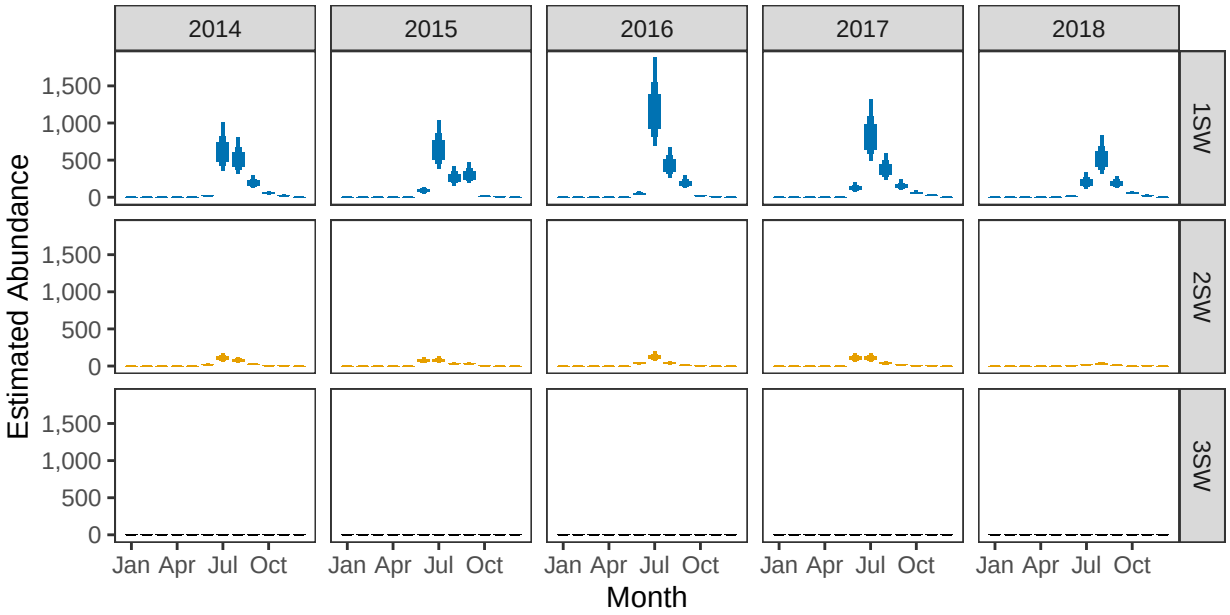
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish



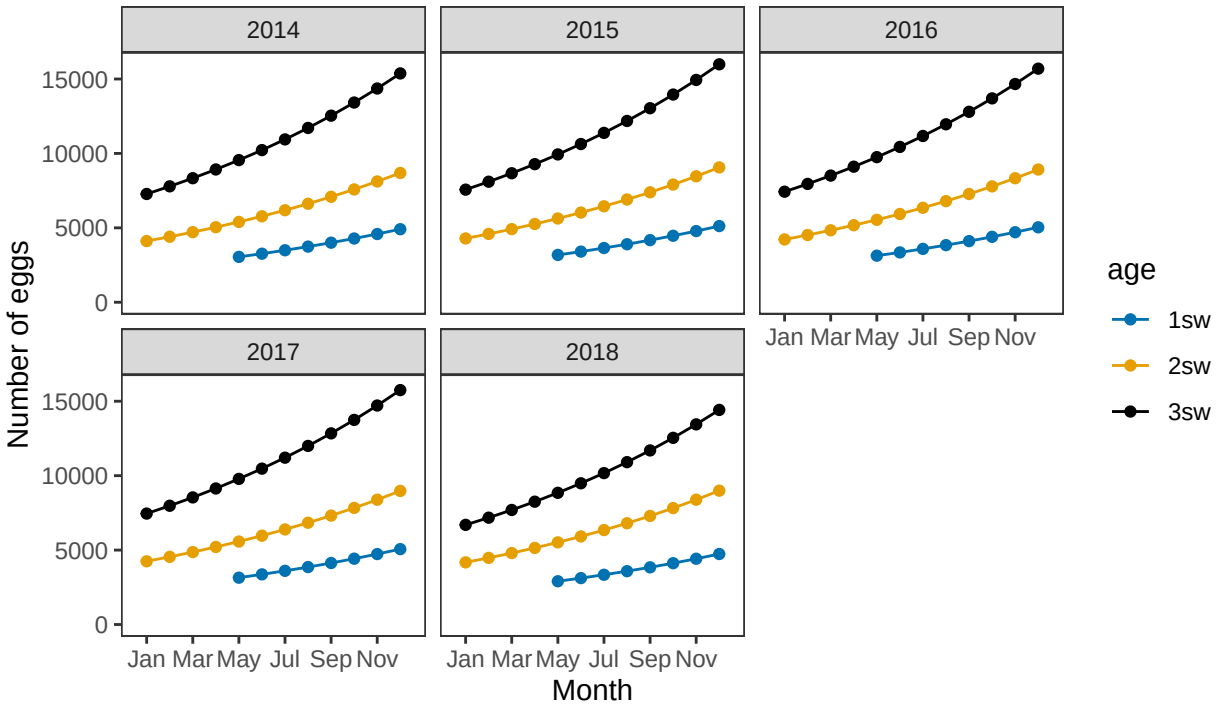
Monthly number of spawning females



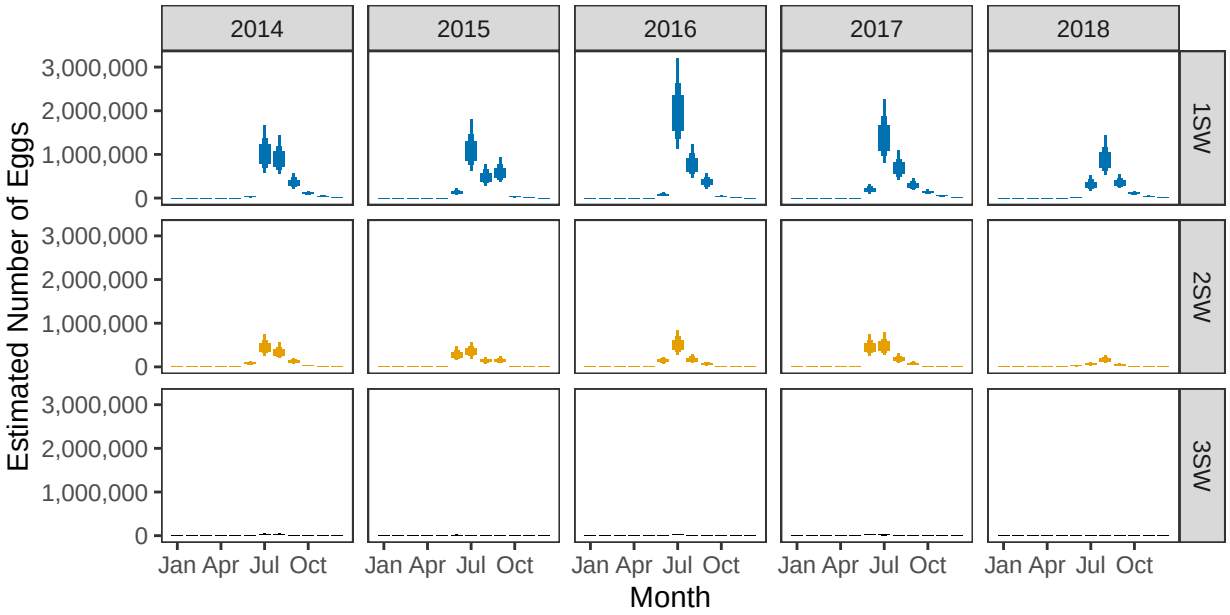
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

Egg contents of females

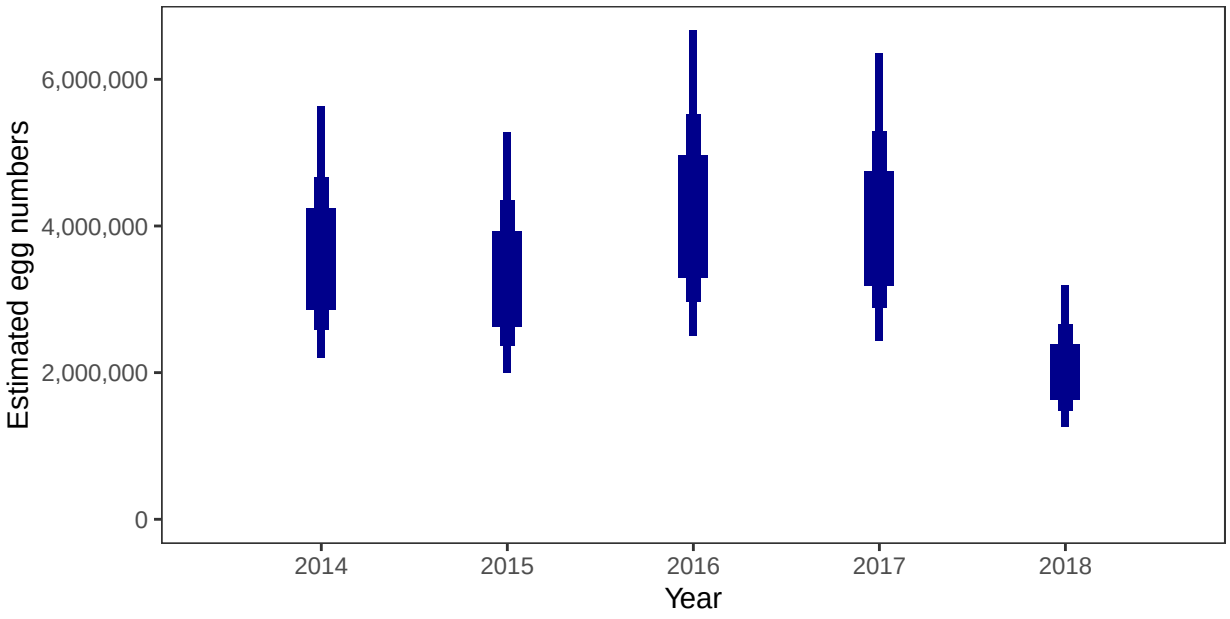


Monthly number of eggs



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers



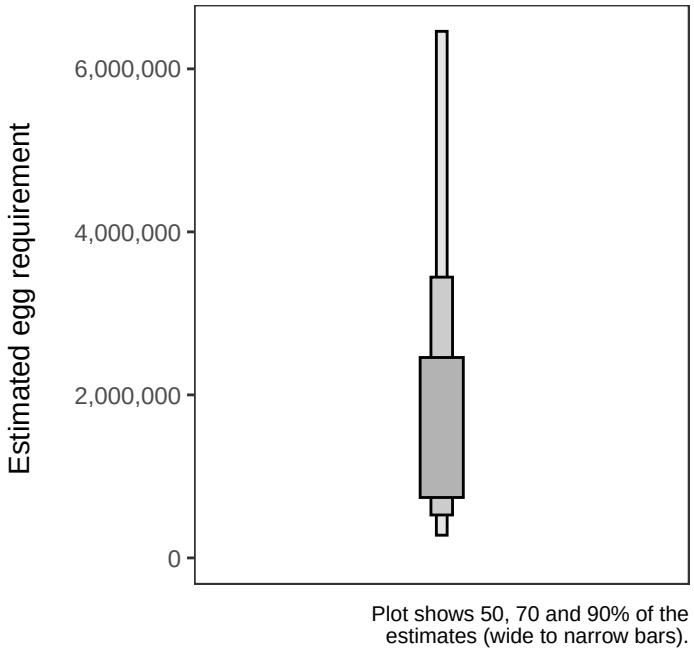
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

4. Egg requirement

Areas of salmon habitat in square meters

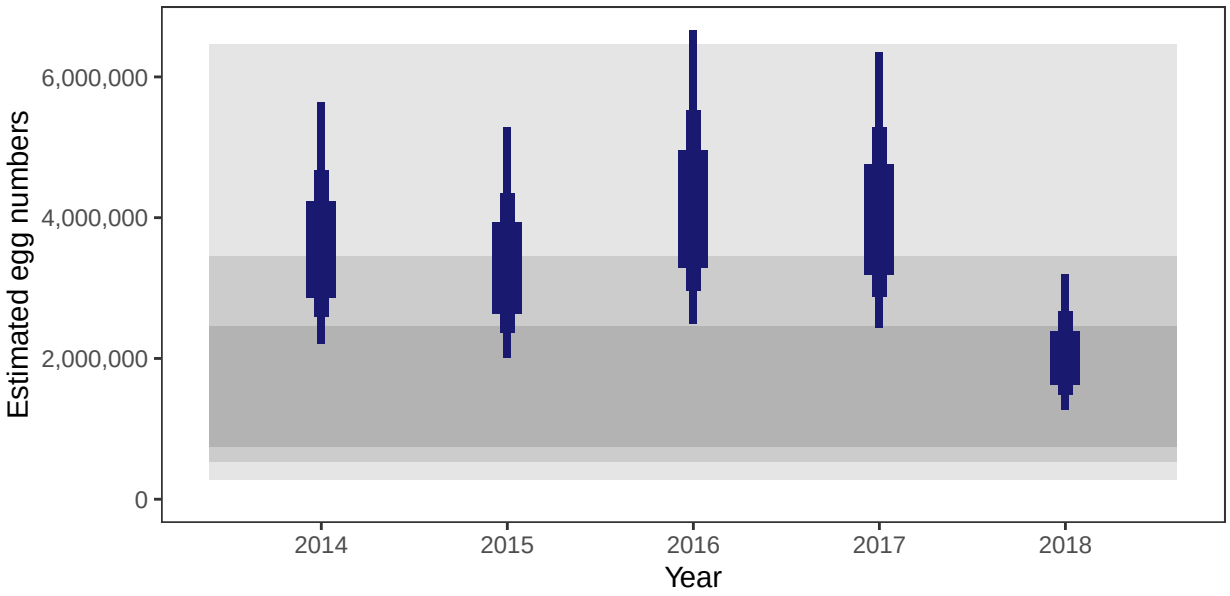
There is an estimated 501,145 square meters of known salmon habitat in the Kyle of Durness and a further 137,944 square meters where salmon may be present.

Egg requirement



5. Percentage chance that the egg requirement has been reached

Year	Percentage above
2014	84.21
2015	81.80
2016	87.32
2017	87.01
2018	66.09



Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)