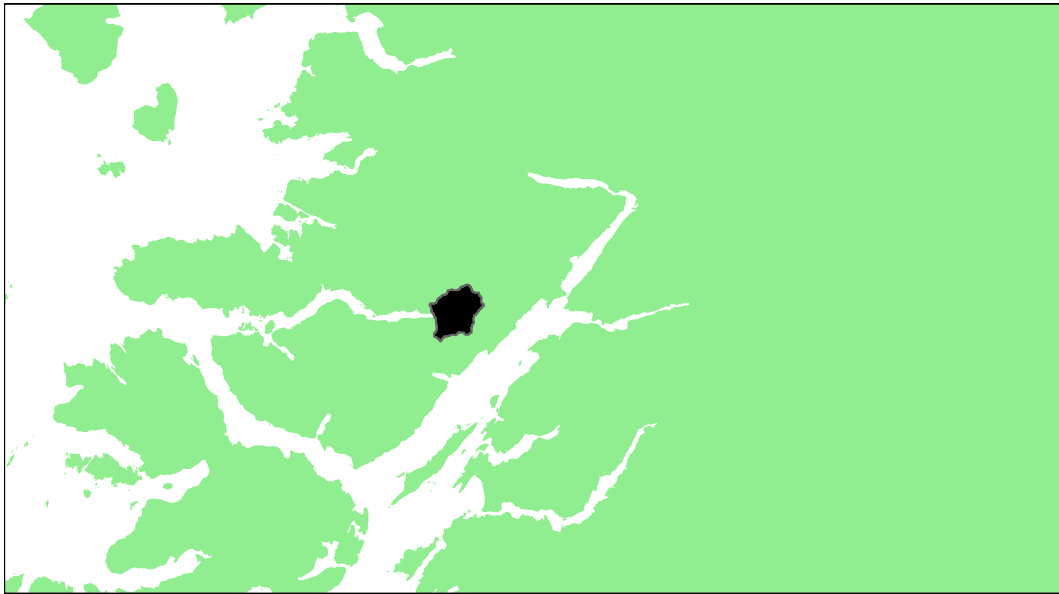


## West Region

### Carnoch River: Grade 3



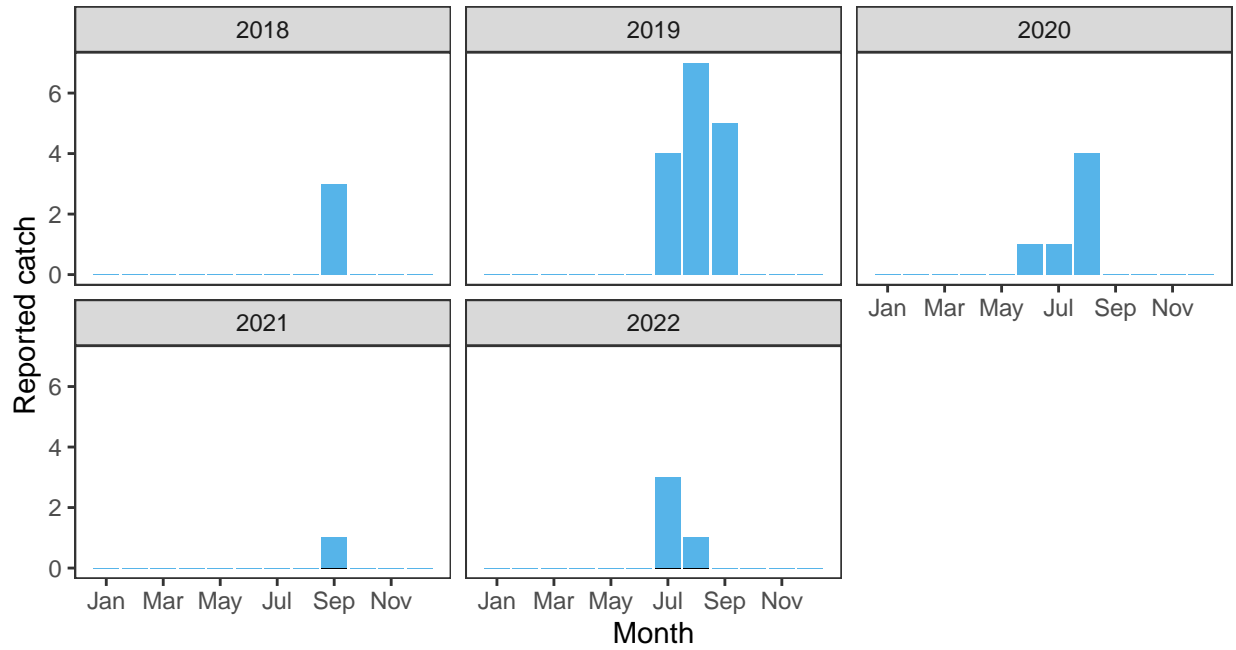
#### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.09	69,000	144,000	3.82	63.58	43.28	2.2	26.3	0.27836	3

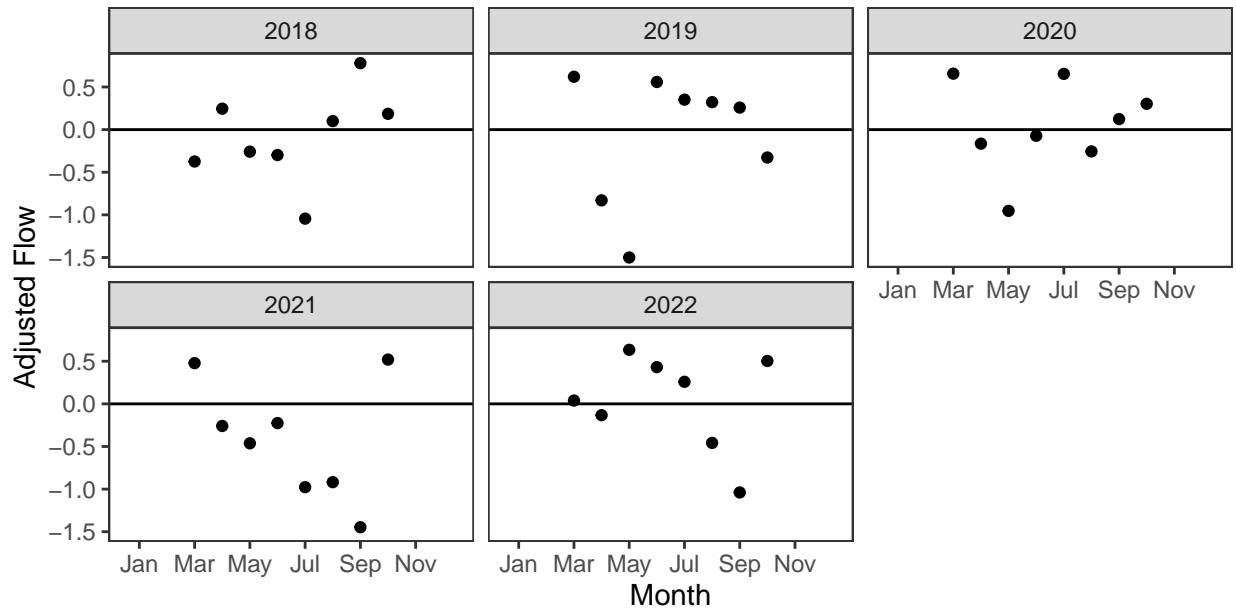
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

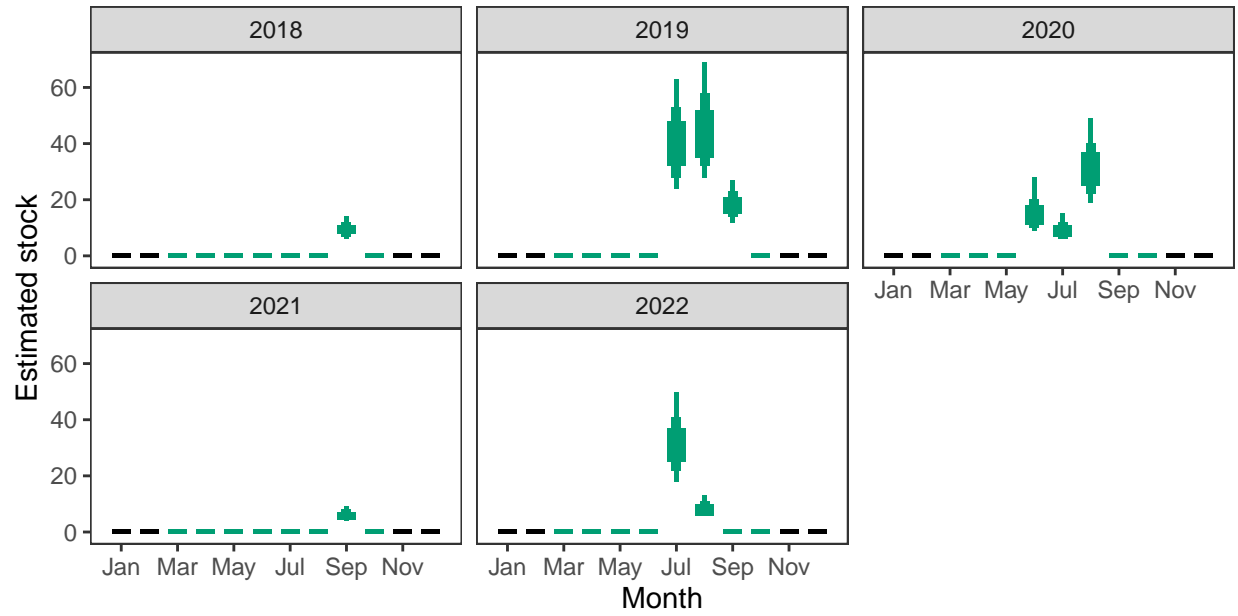
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

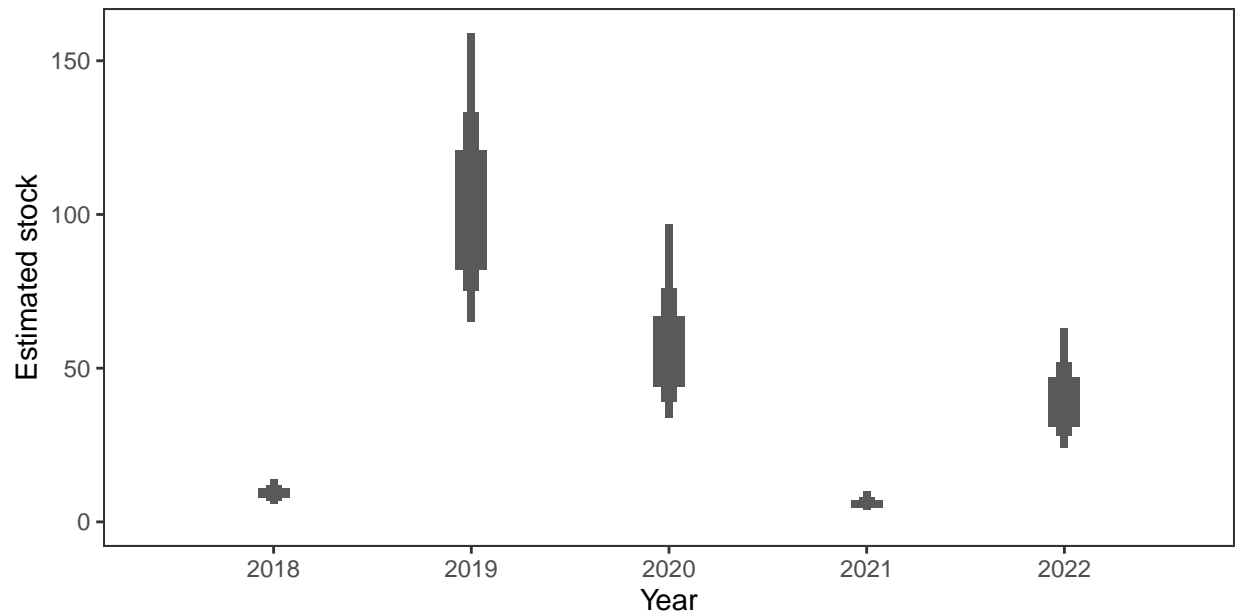


*Monthly stock estimates (out of season in black)*



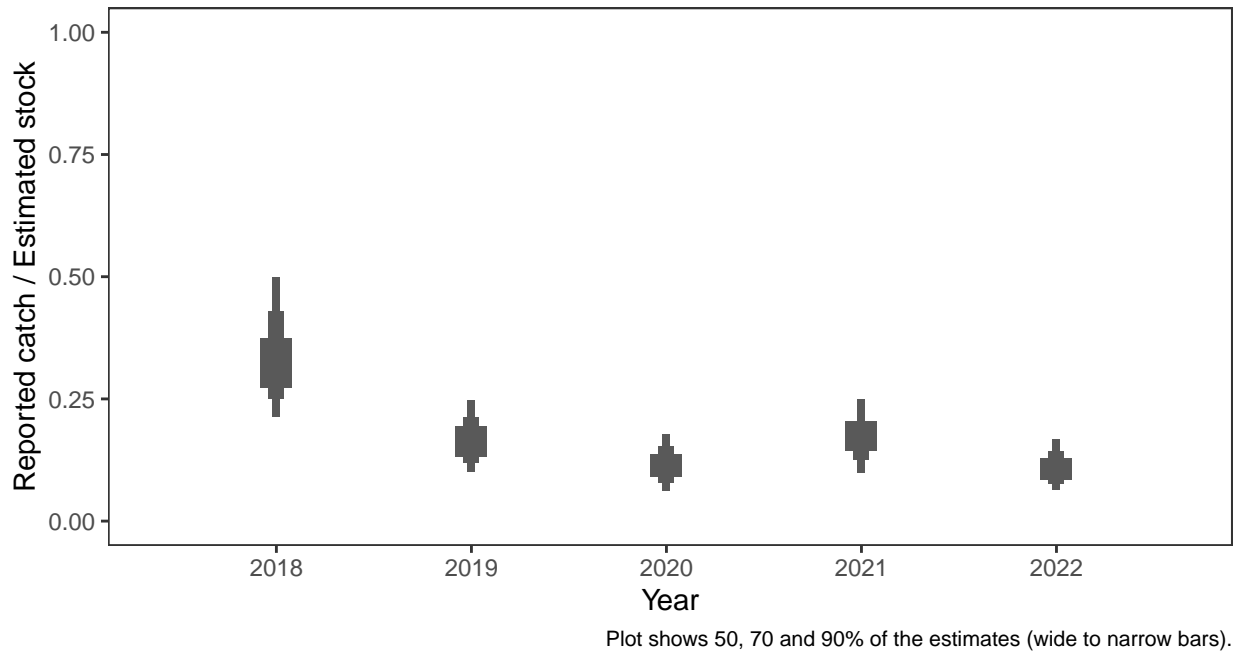
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



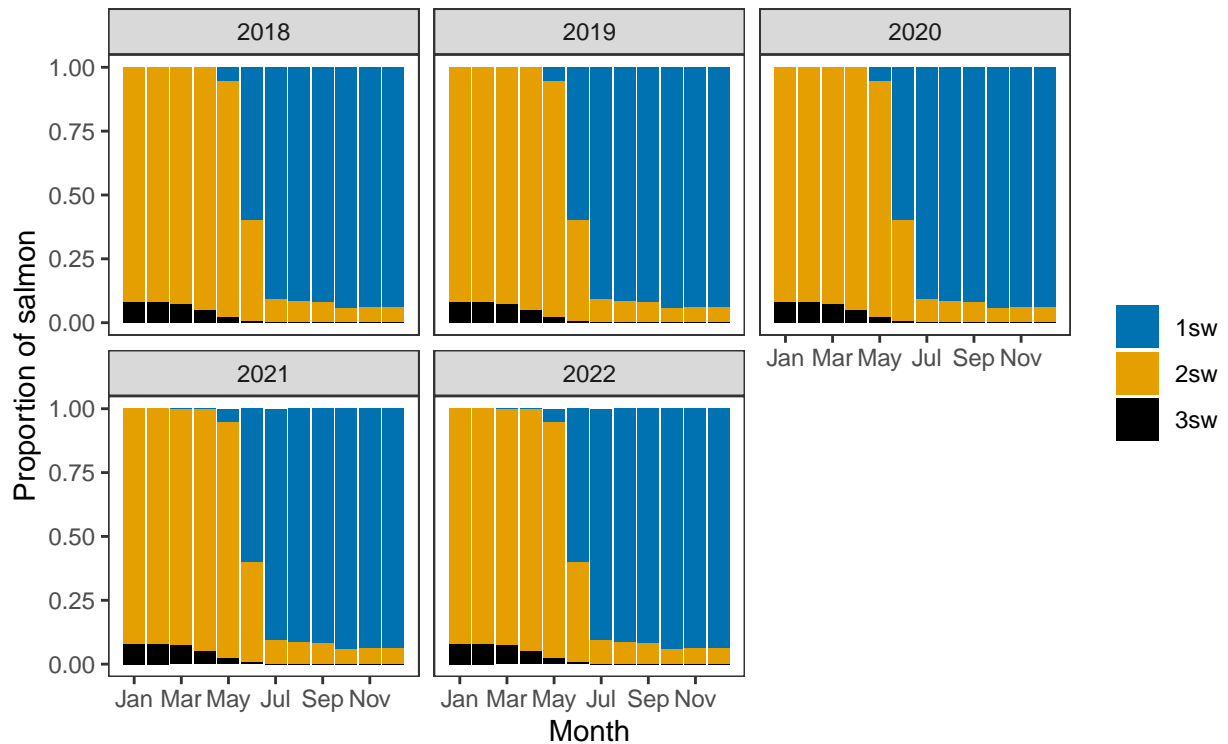
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

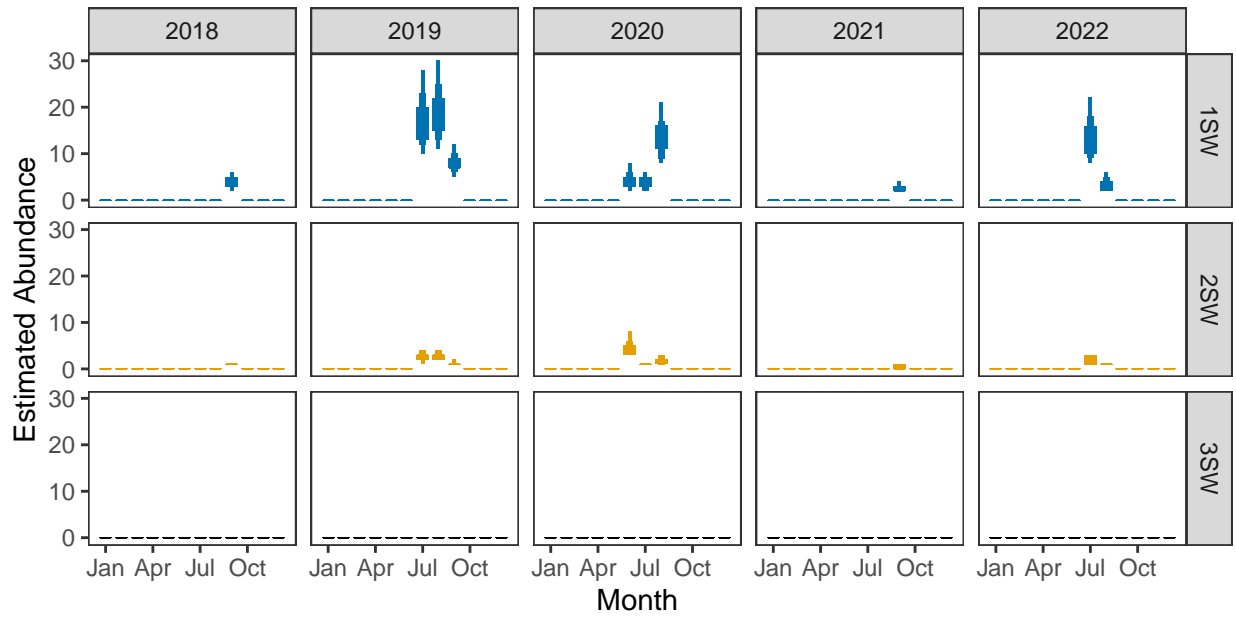


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



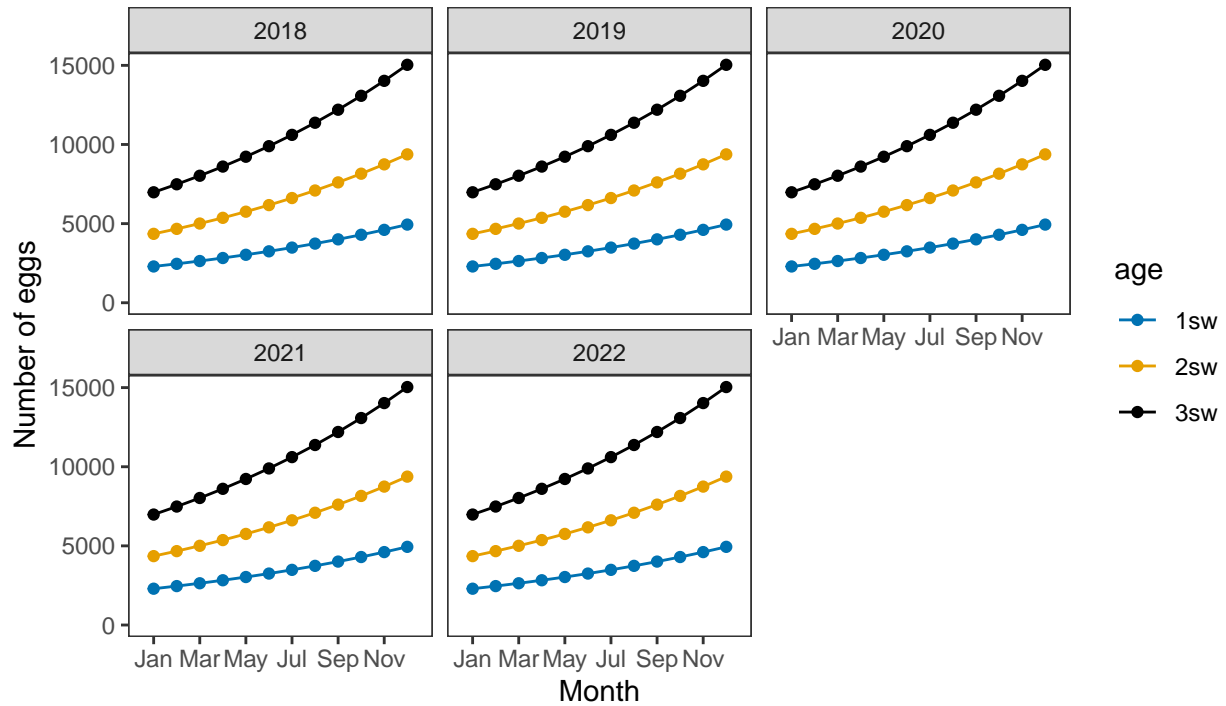
*Monthly number of spawning females*



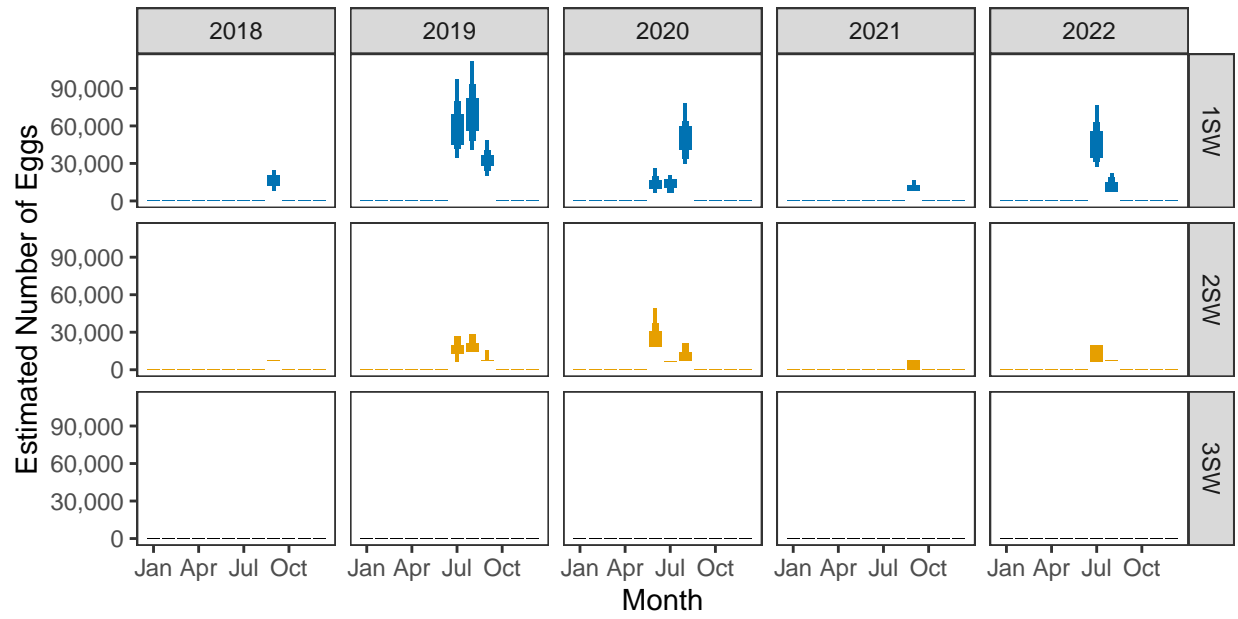
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

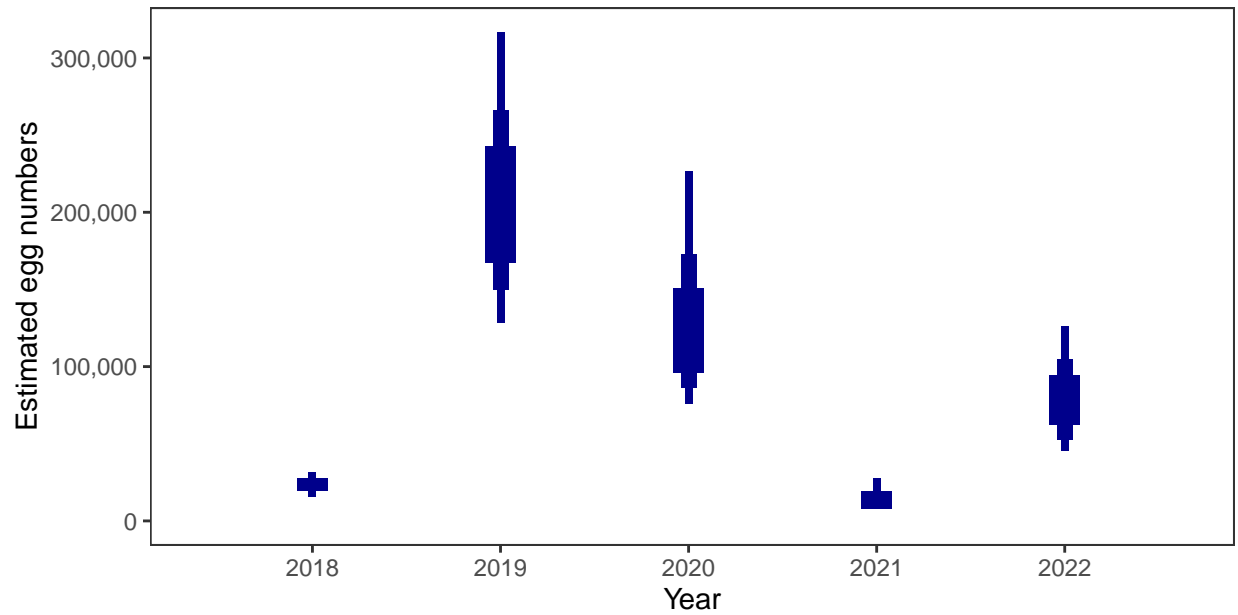


*Monthly number of eggs*



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).

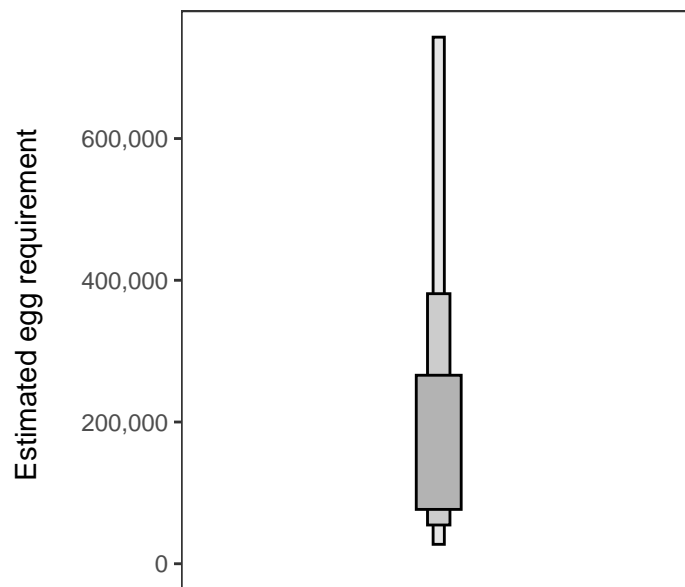
Year	Percentage above
2018	3.82
2019	63.58
2020	43.28
2021	2.20
2022	26.30

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

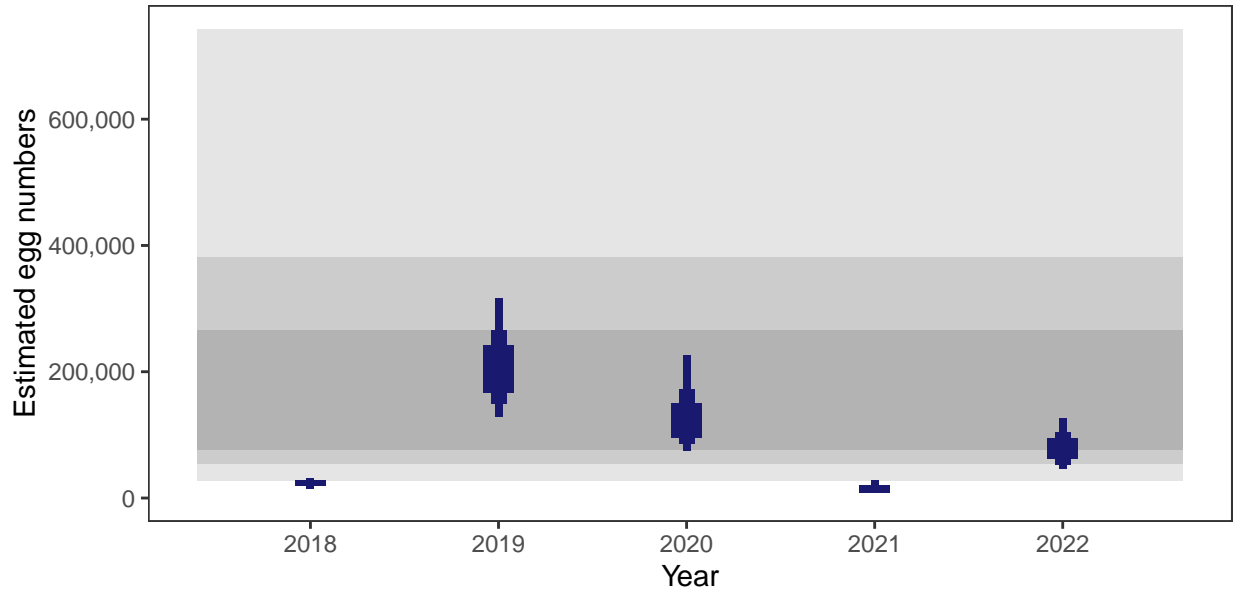
There is an estimated 76,635 square meters of known salmon habitat in the Carnoch River and a further 3,276 square meters where salmon may be present.

##### *Egg requirement*



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

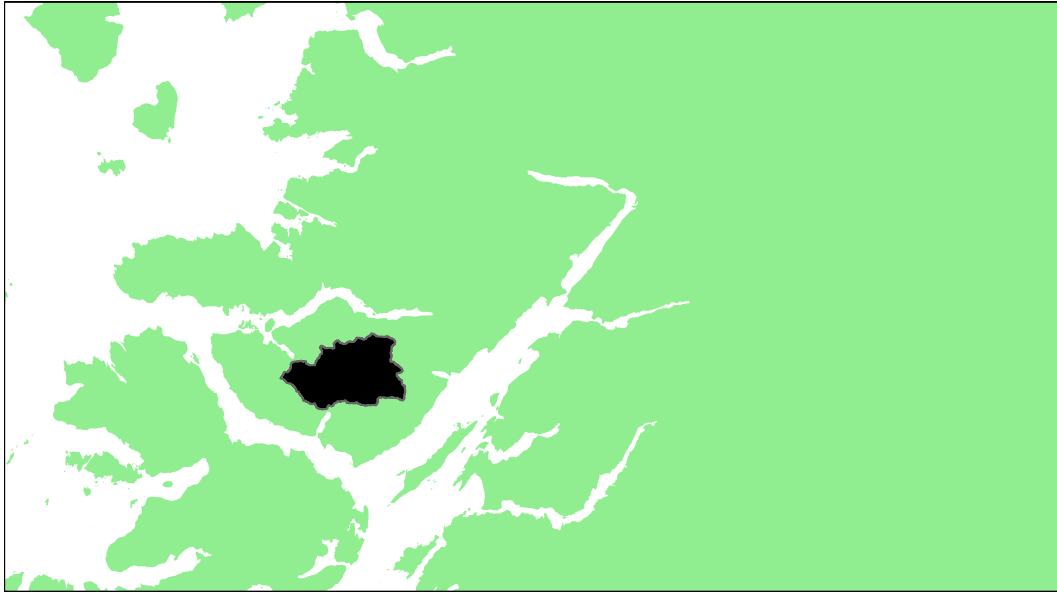
5. Percentage chance that the egg requirement has been reached



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 Aline: Grade 3



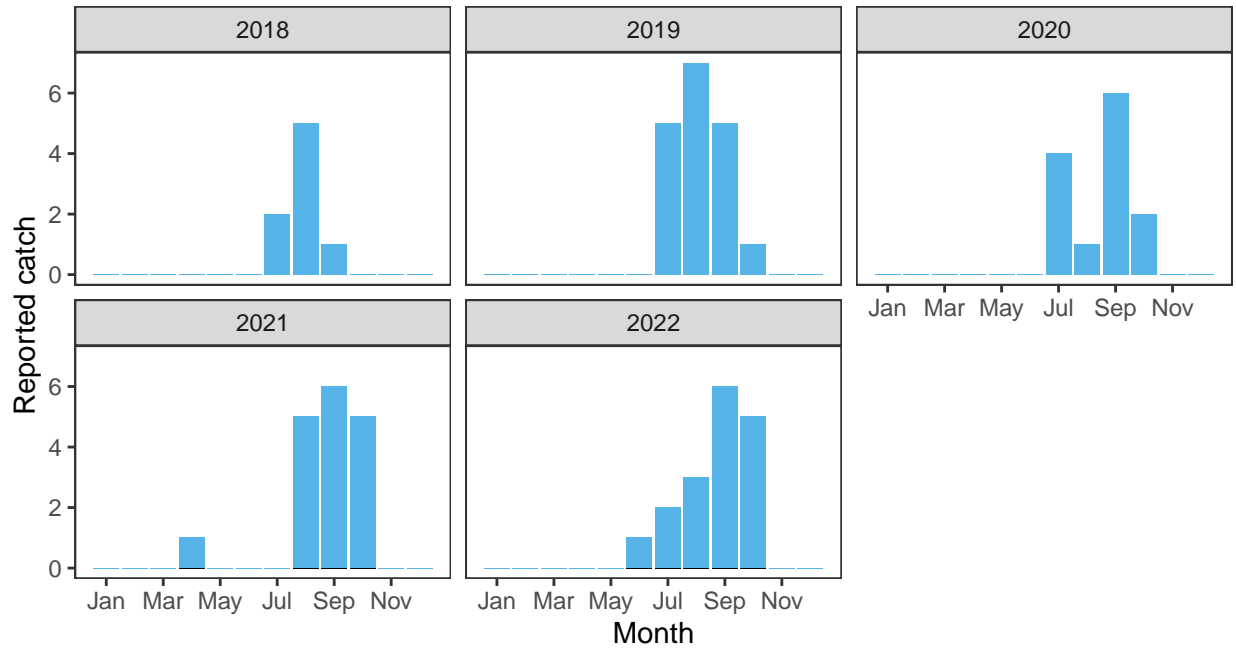
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.64	244,000	402,000	14.46	28.49	20.82	31.05	26.93	0.2435	3

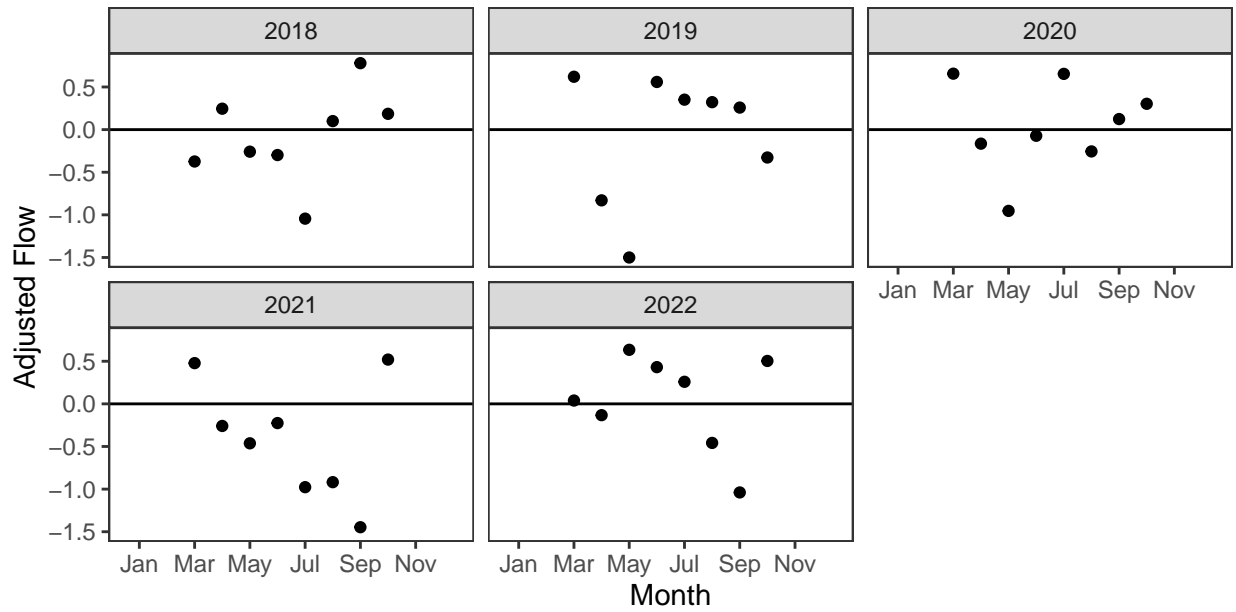
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

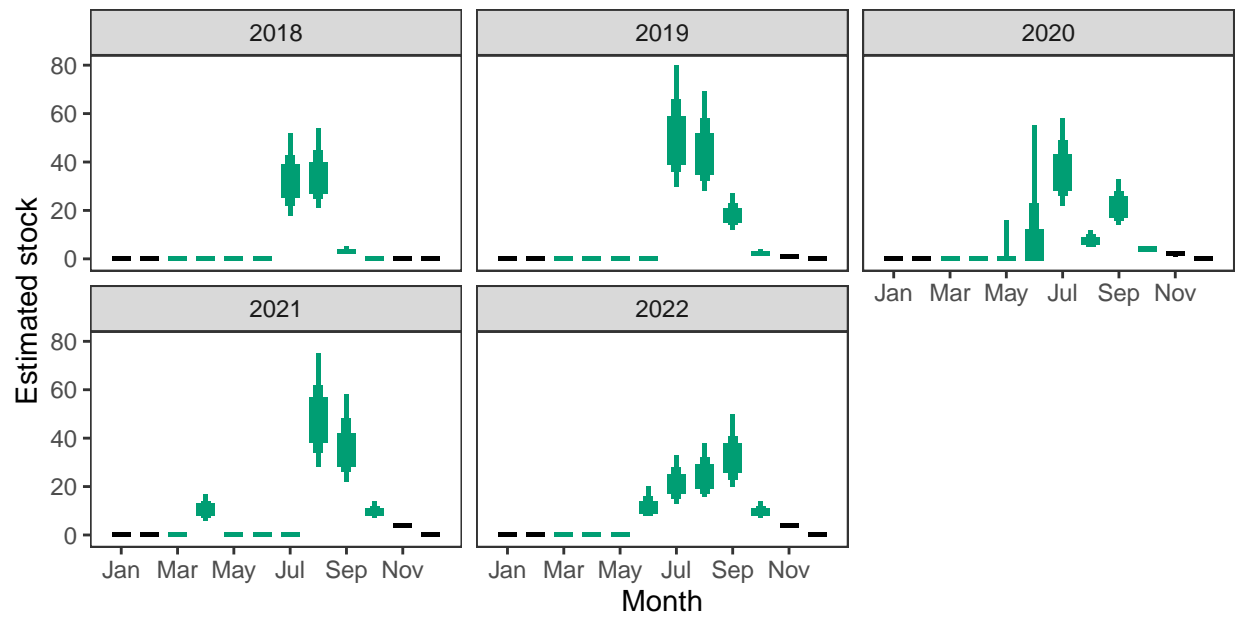
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

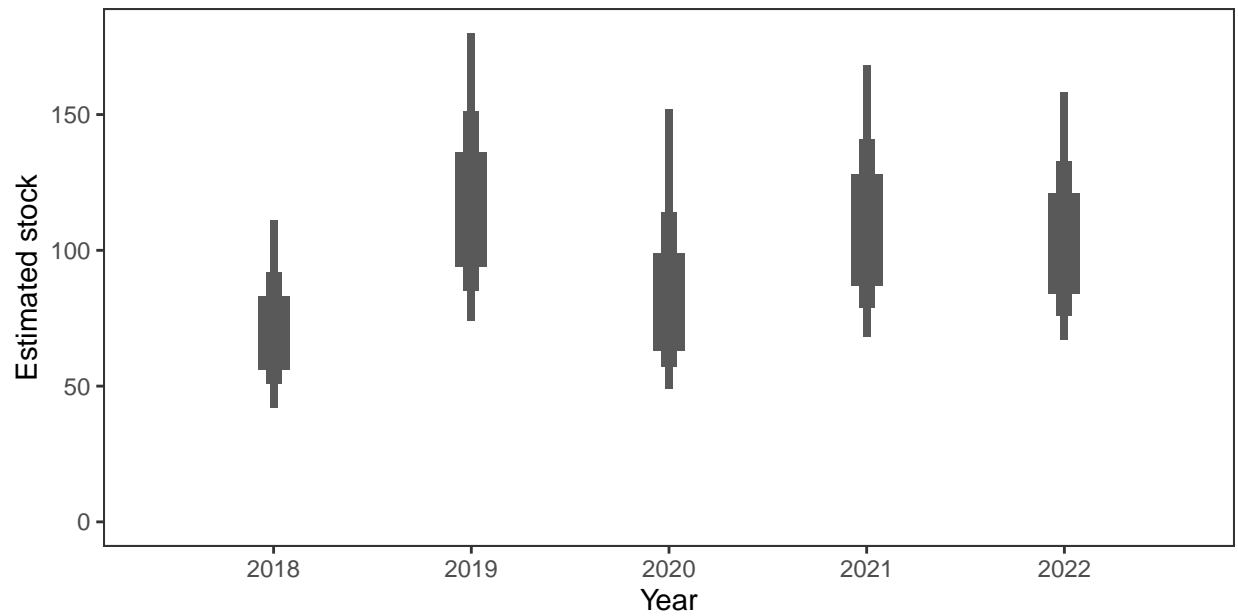


*Monthly stock estimates (out of season in black)*



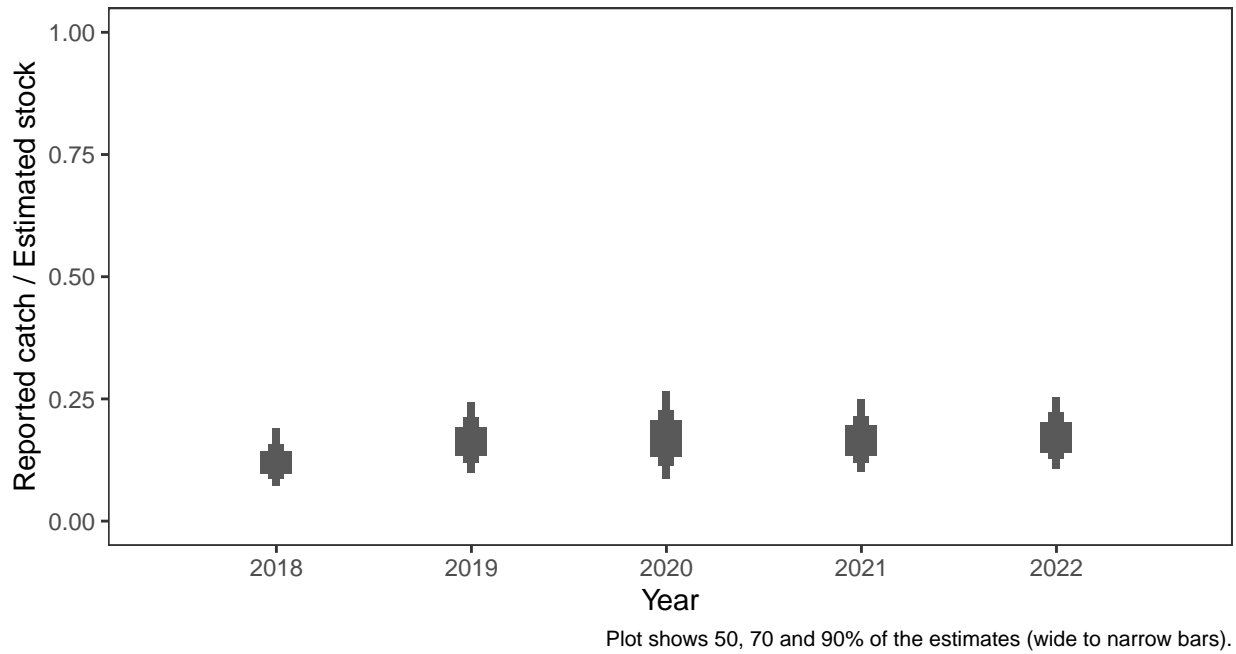
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



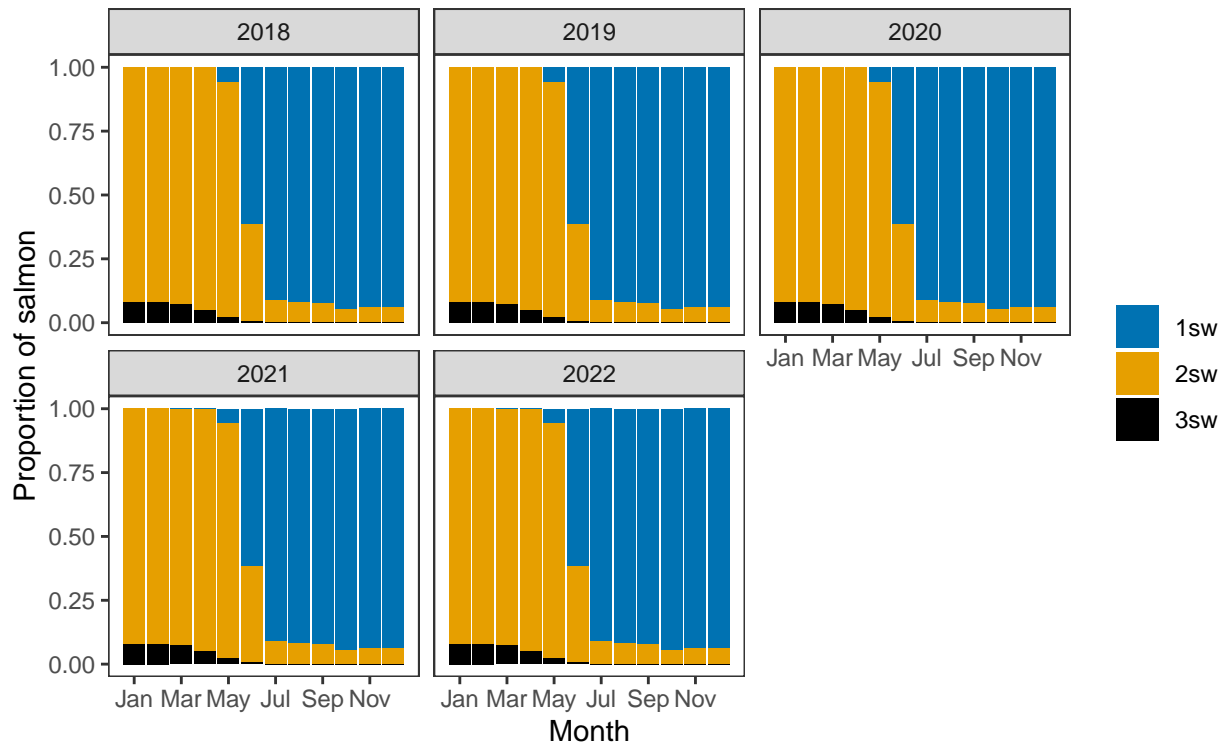
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

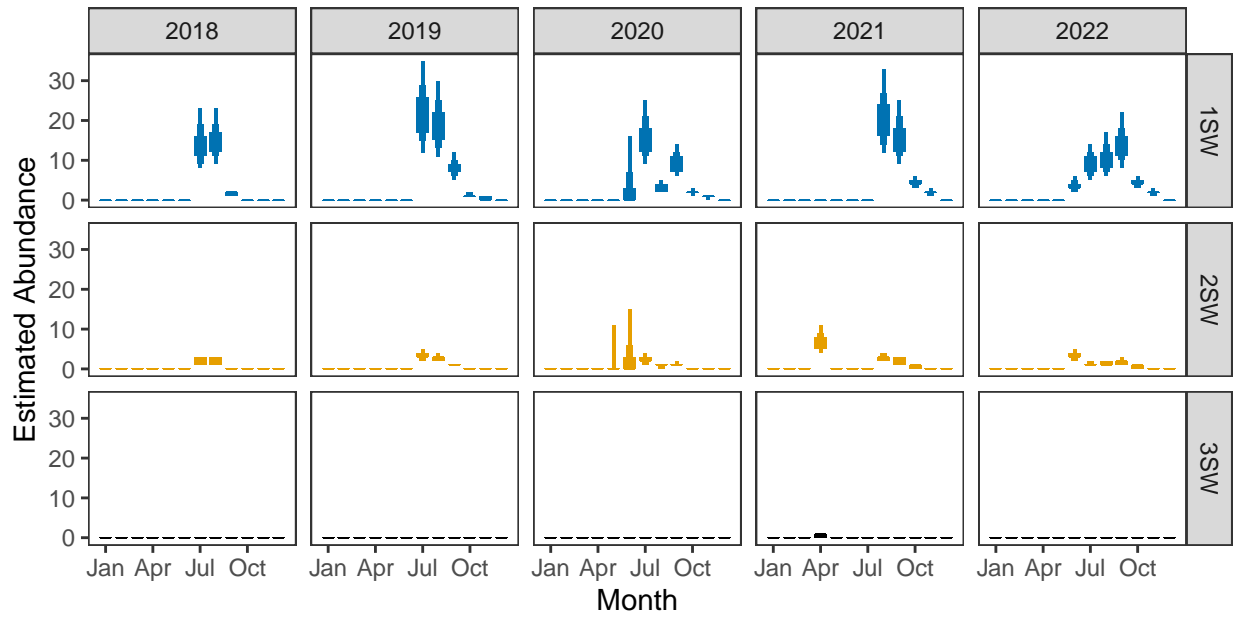


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



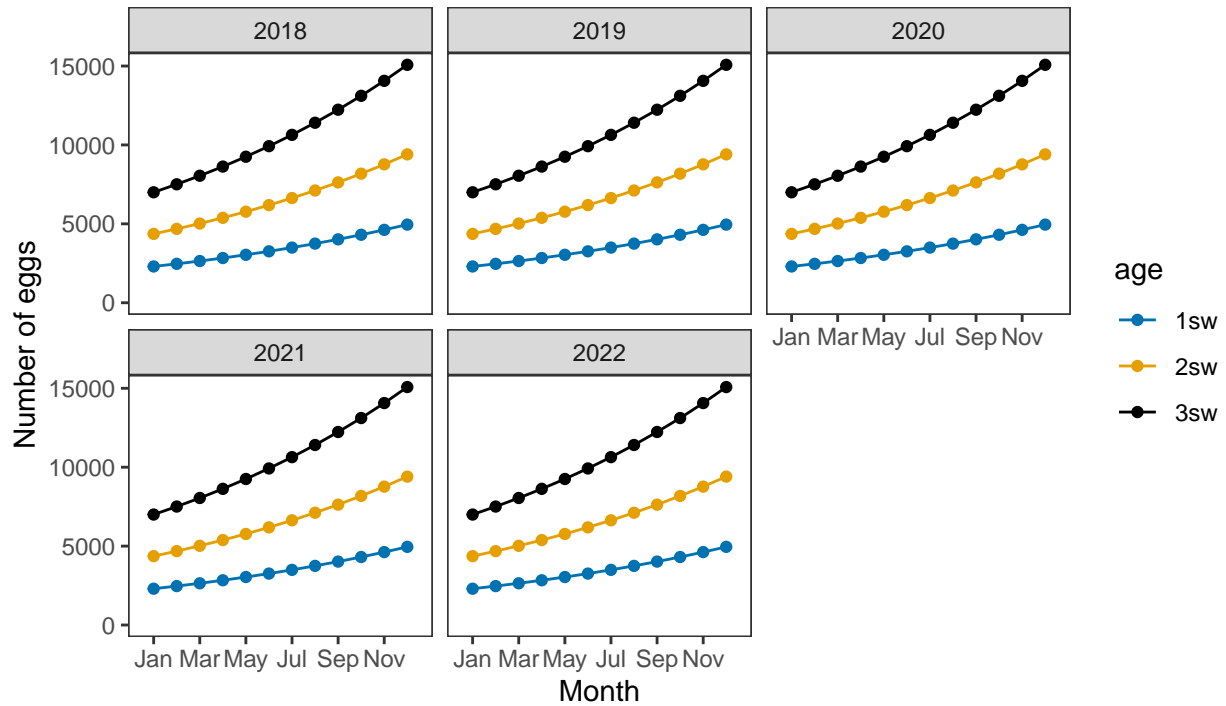
*Monthly number of spawning females*



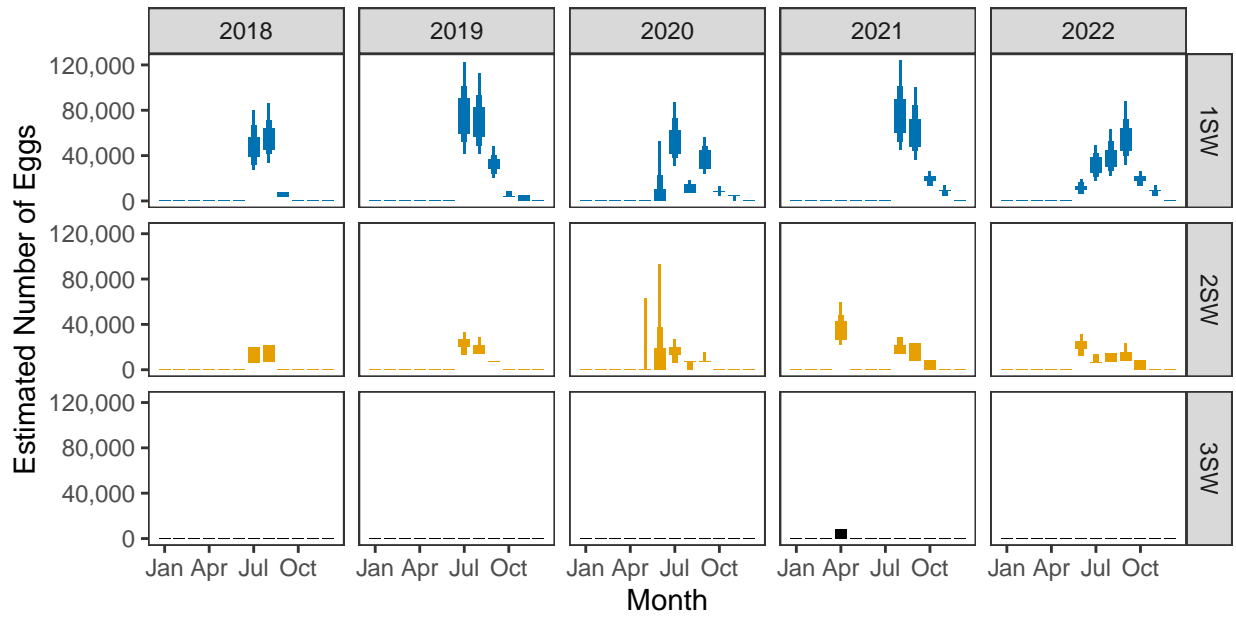
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

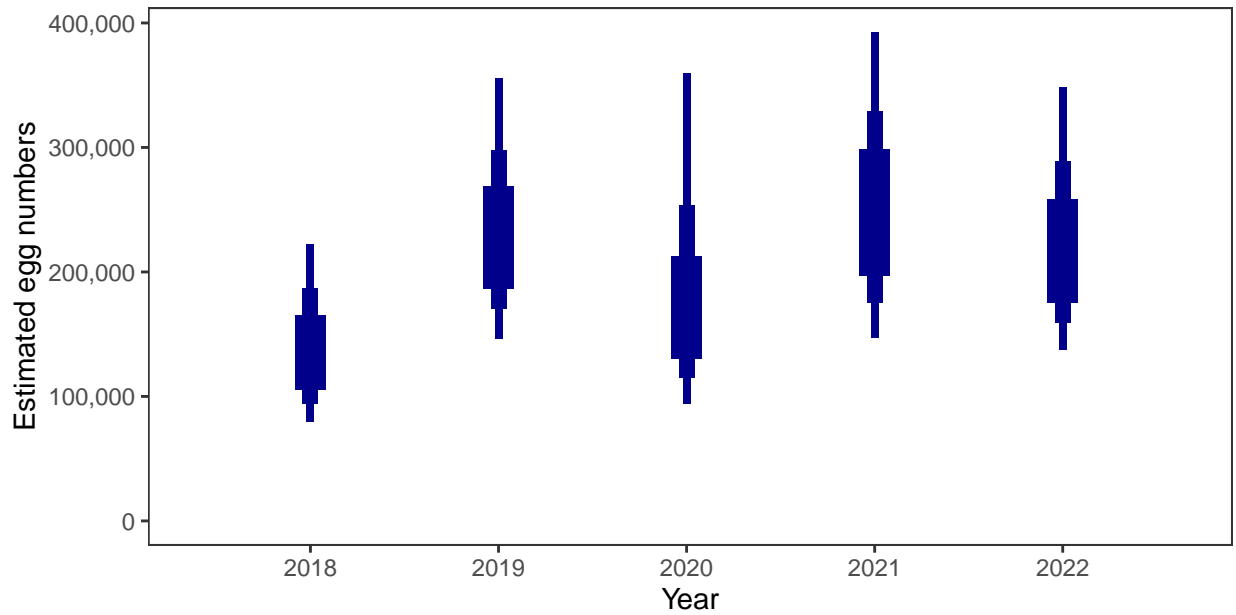


*Monthly number of eggs*



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).

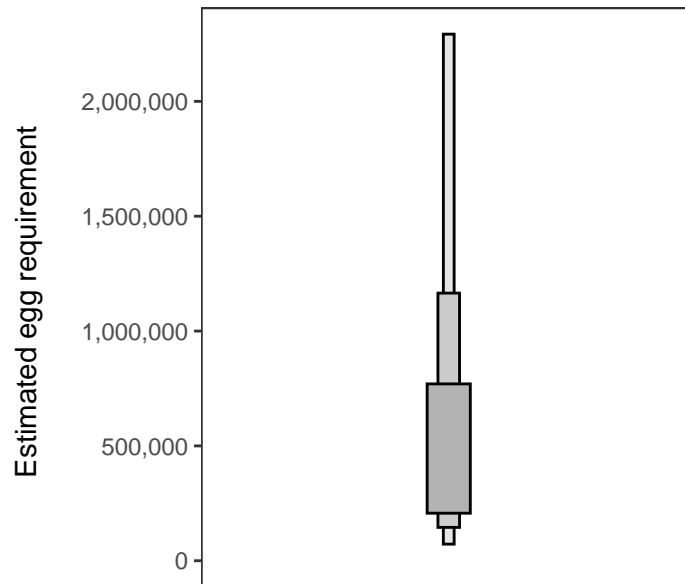
Year	Percentage above
2018	14.46
2019	28.49
2020	20.82
2021	31.05
2022	26.93

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

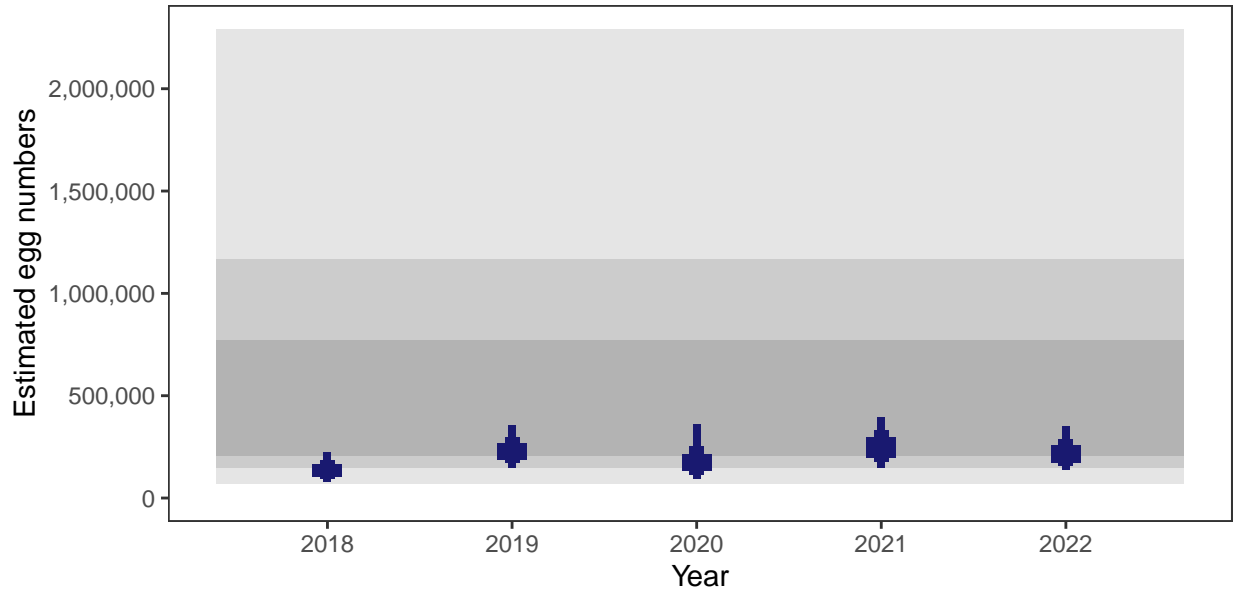
There is an estimated 256,890 square meters of known salmon habitat in the River Aline and a further 41,189 square meters where salmon may be present.

##### *Egg requirement*



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

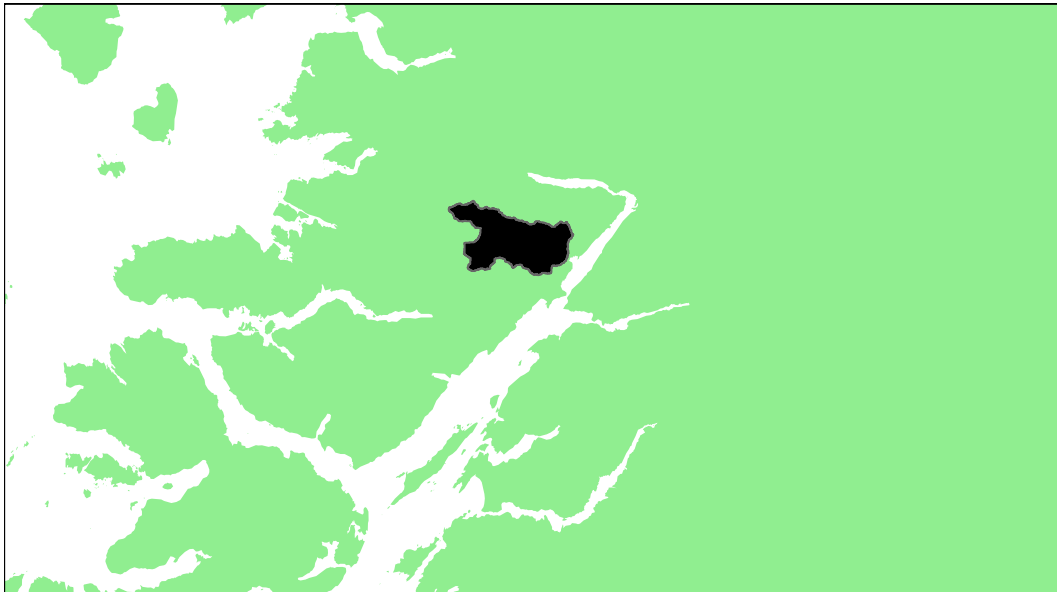
5. Percentage chance that the egg requirement has been reached



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 Scaddle: Grade 3



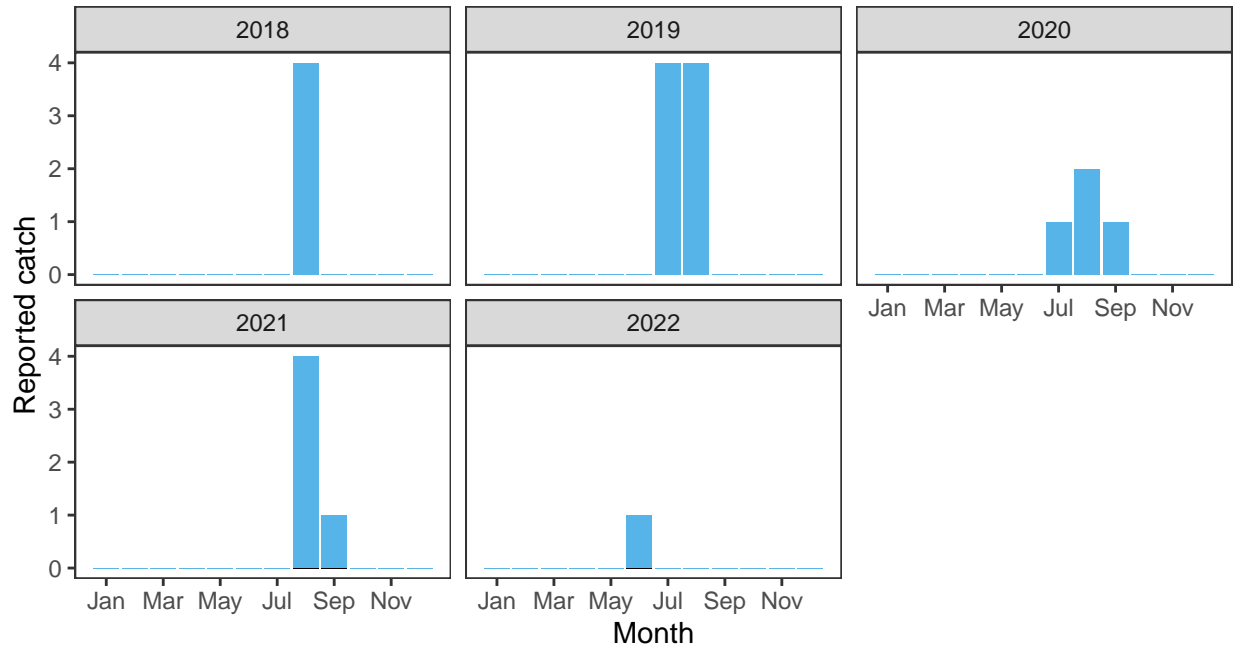
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.05	235,000	248,000	12.37	29.95	13.12	21.89	6.22	0.1671	3

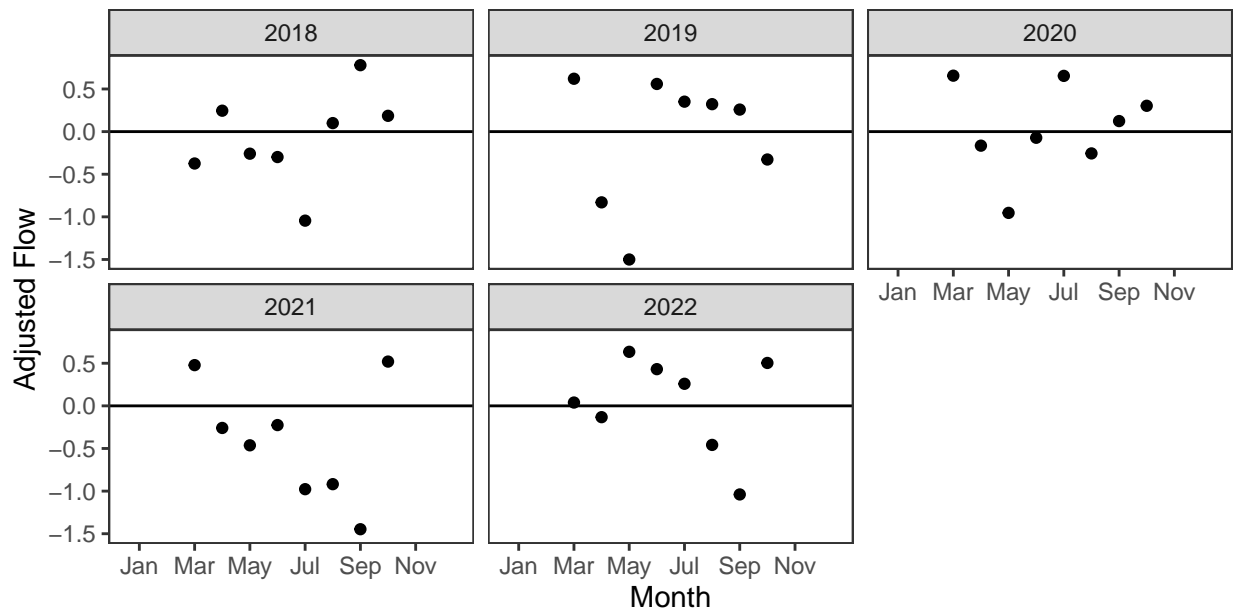
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

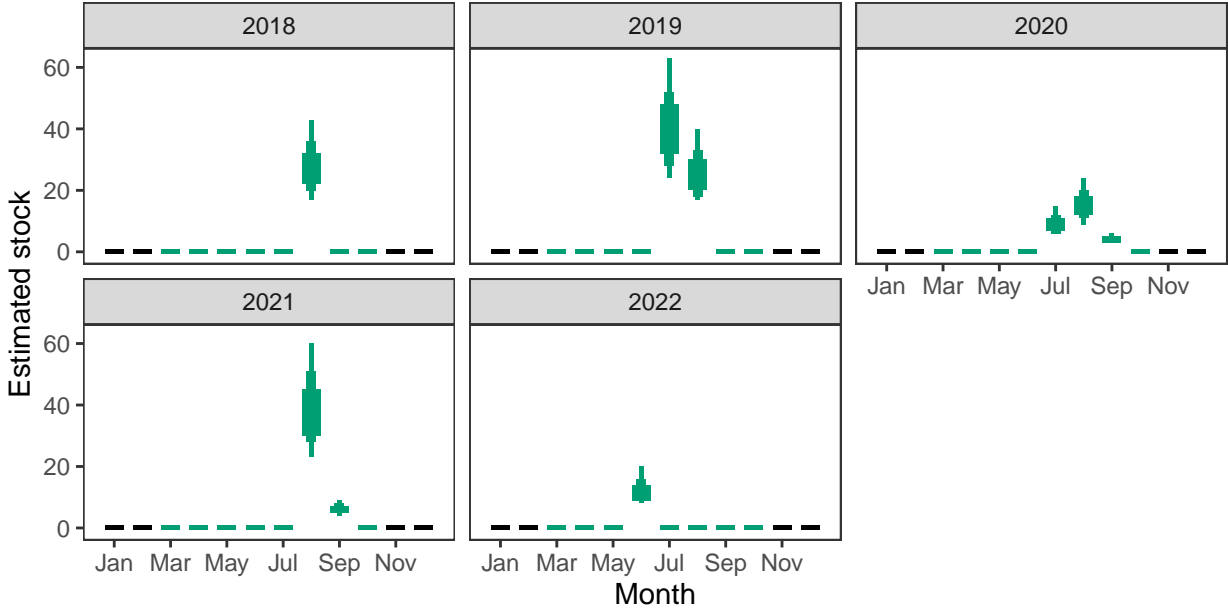
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

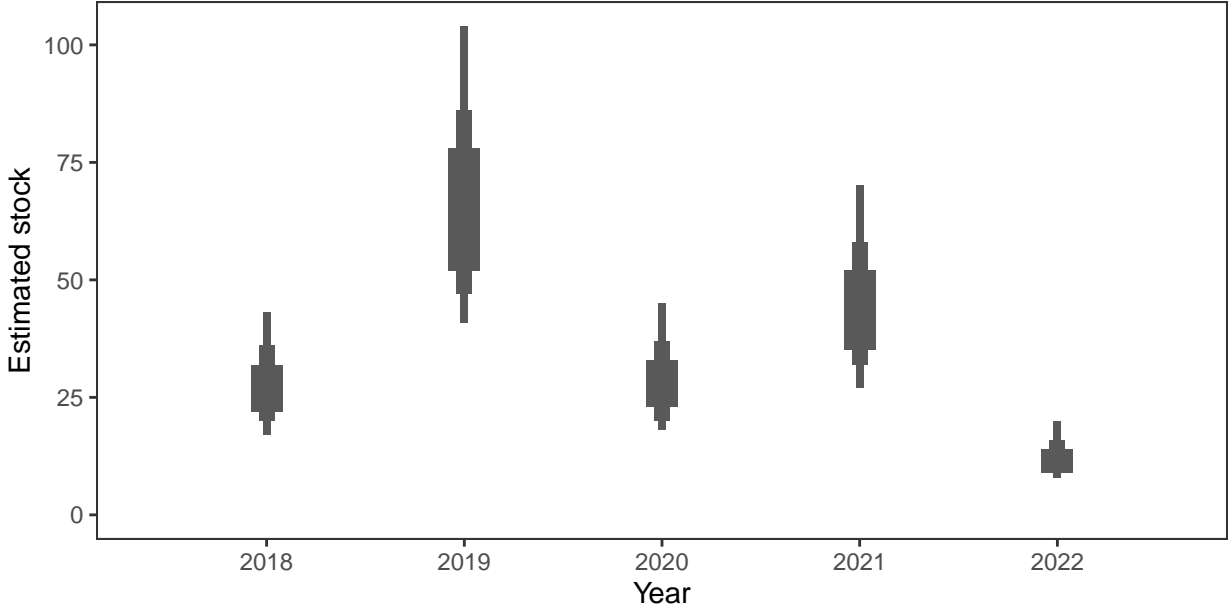


*Monthly stock estimates (out of season in black)*



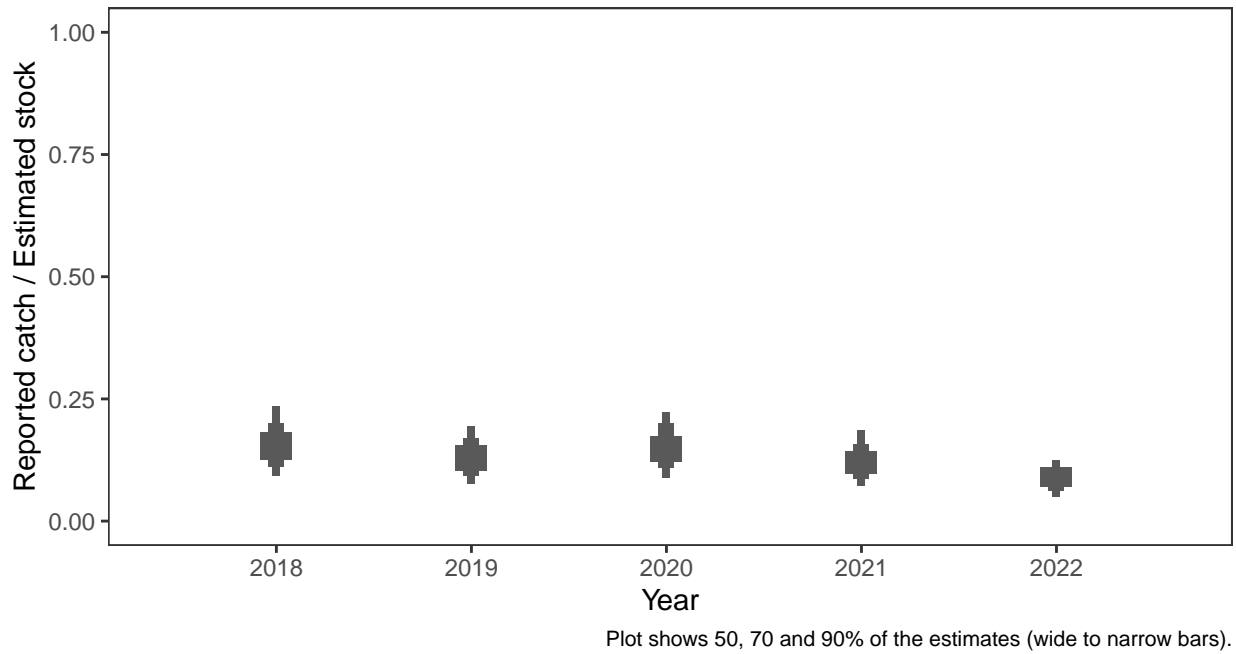
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



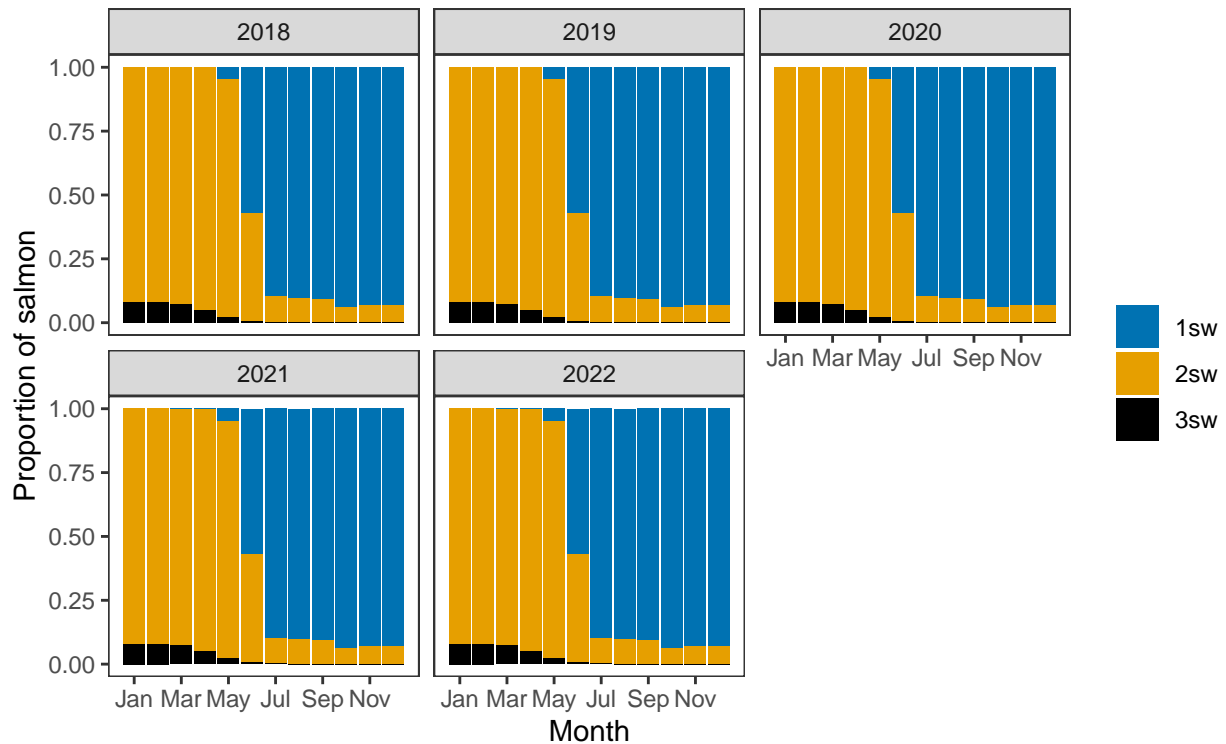
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

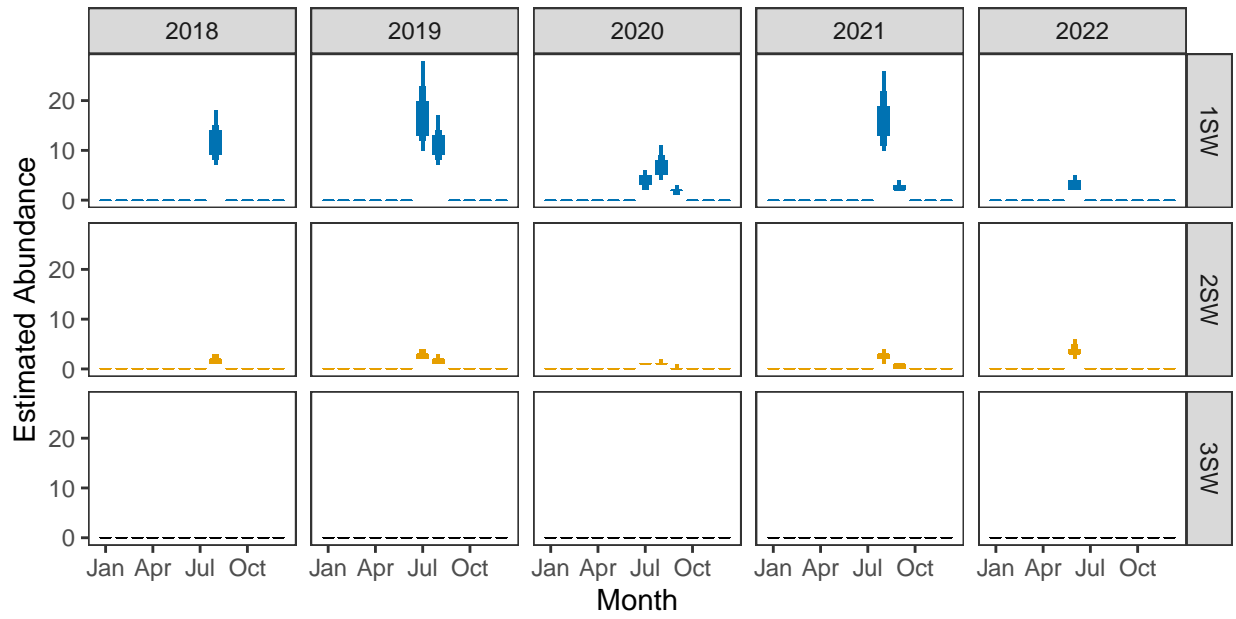


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



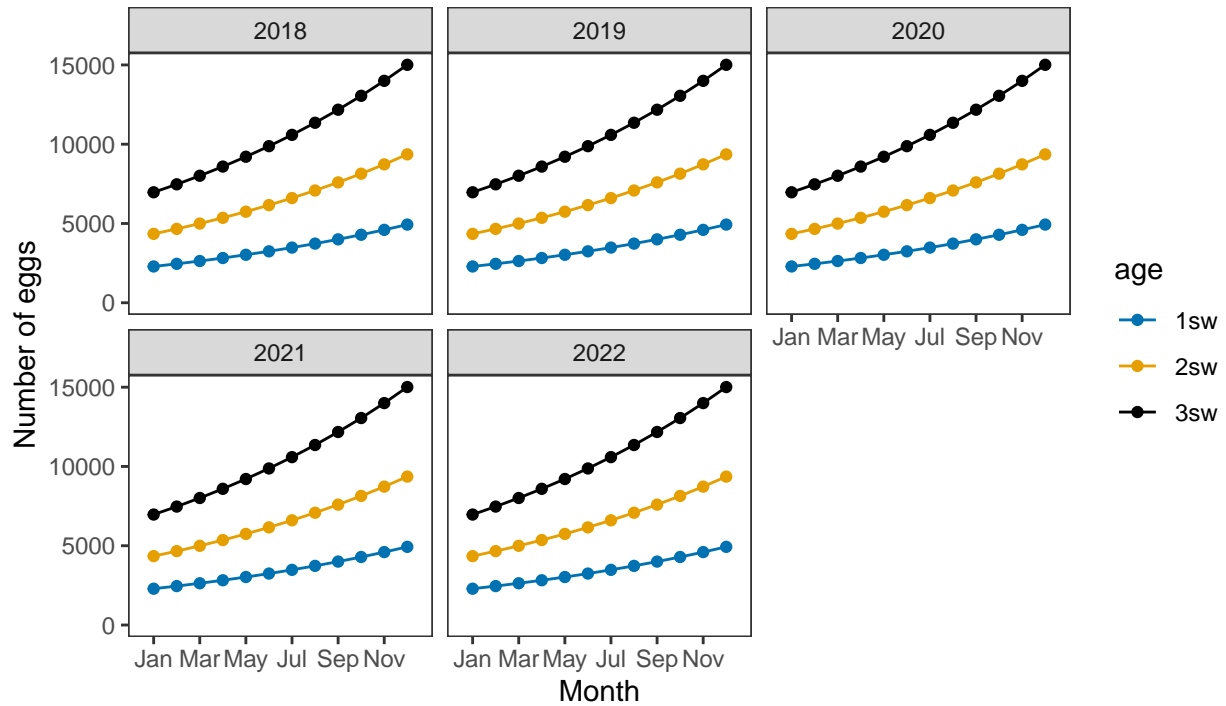
*Monthly number of spawning females*



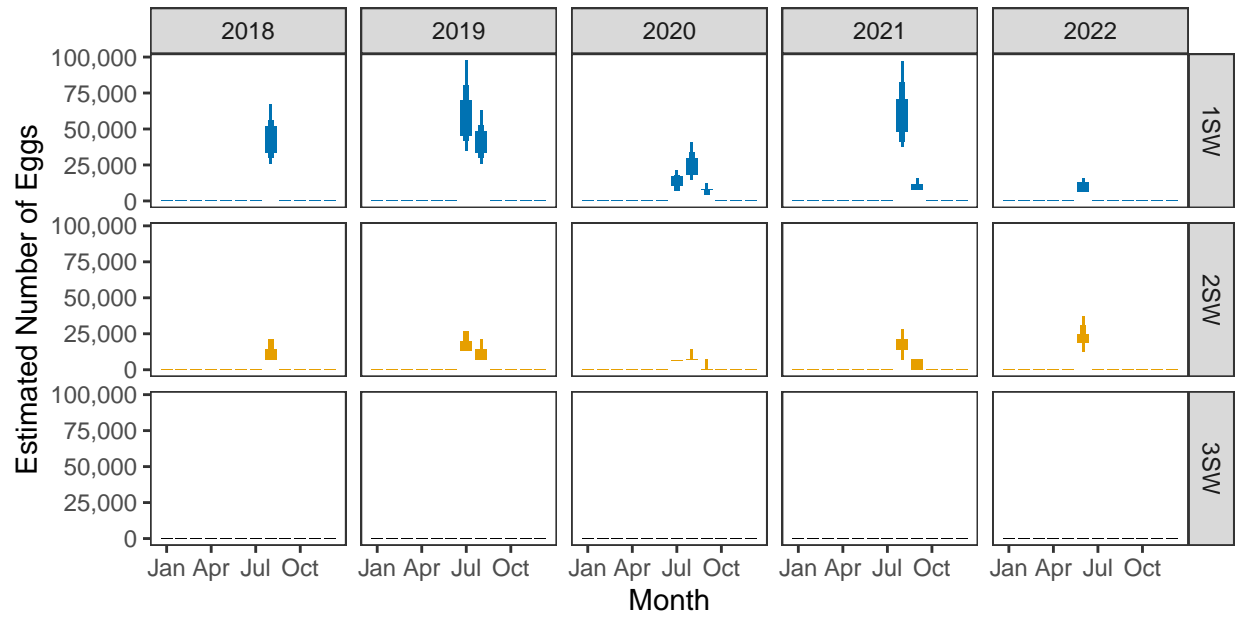
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

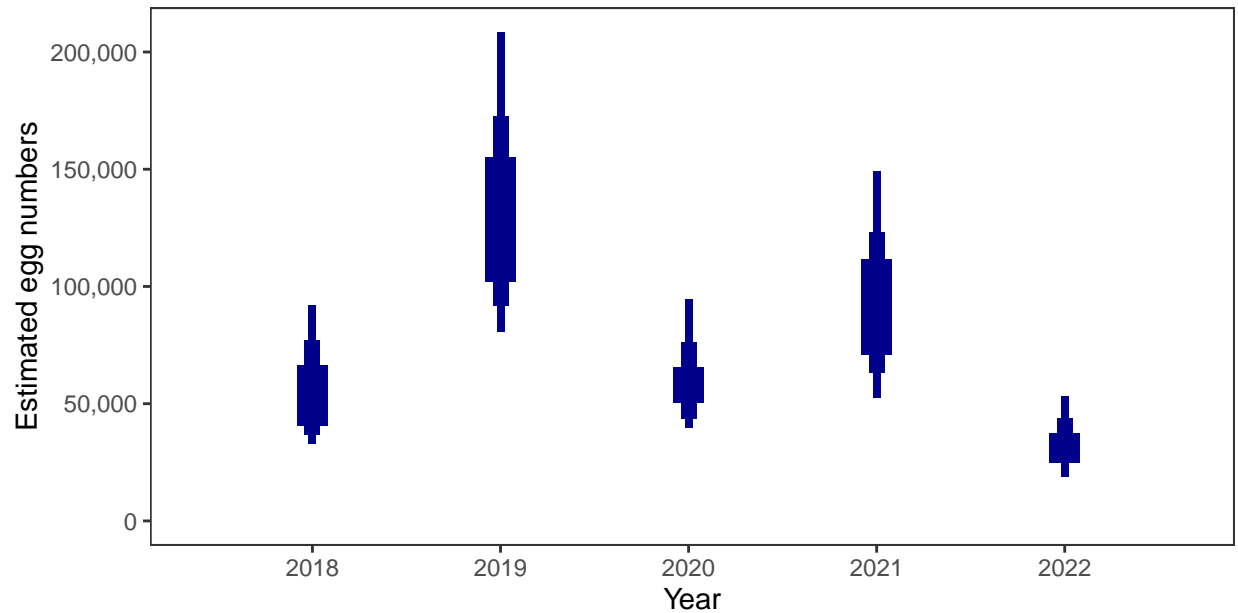


*Monthly number of eggs*



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).

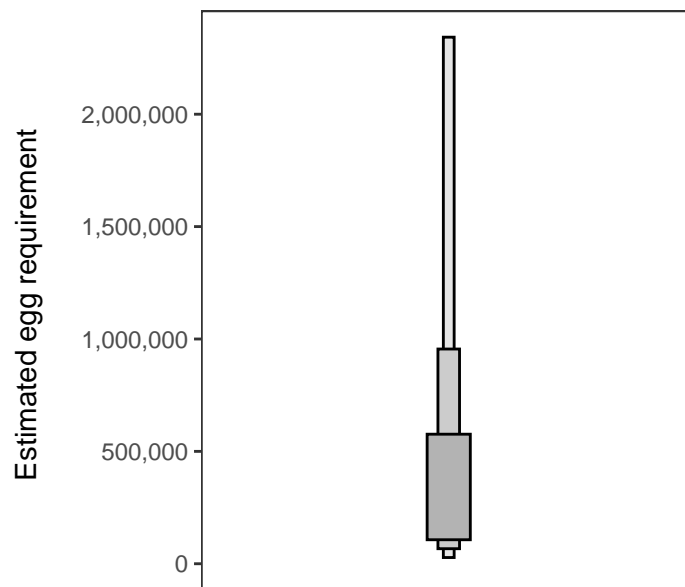
Year	Percentage above
2018	12.37
2019	29.95
2020	13.12
2021	21.89
2022	6.22

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

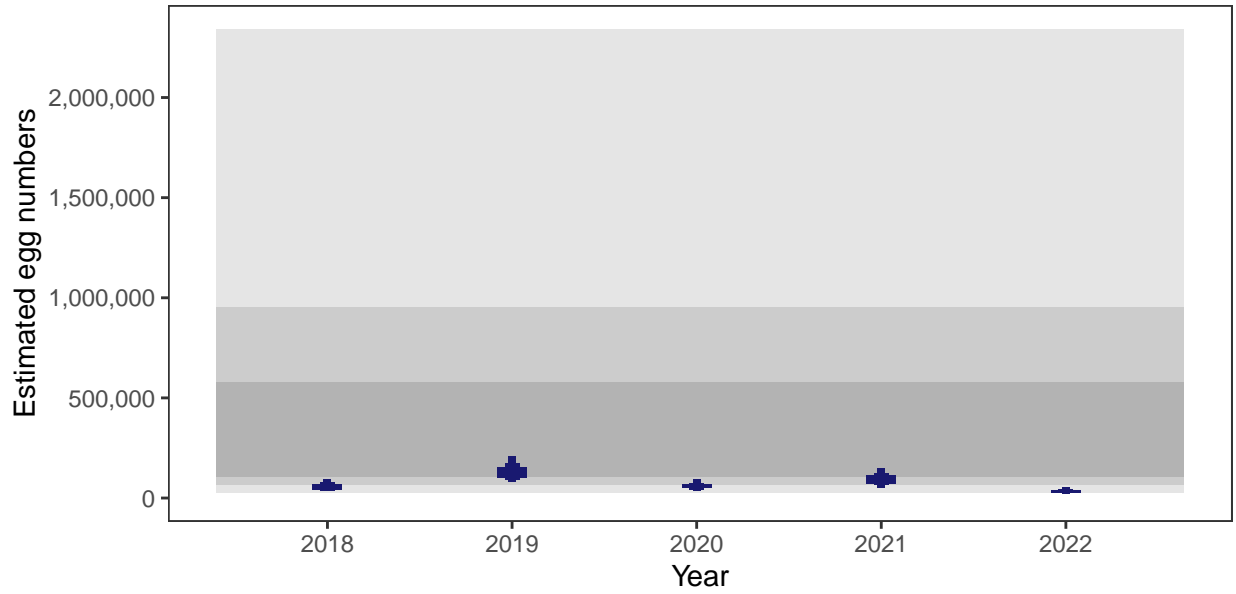
There is an estimated 265,212 square meters of known salmon habitat in the River Scaddle and a further 4,711 square meters where salmon may be present.

##### *Egg requirement*



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

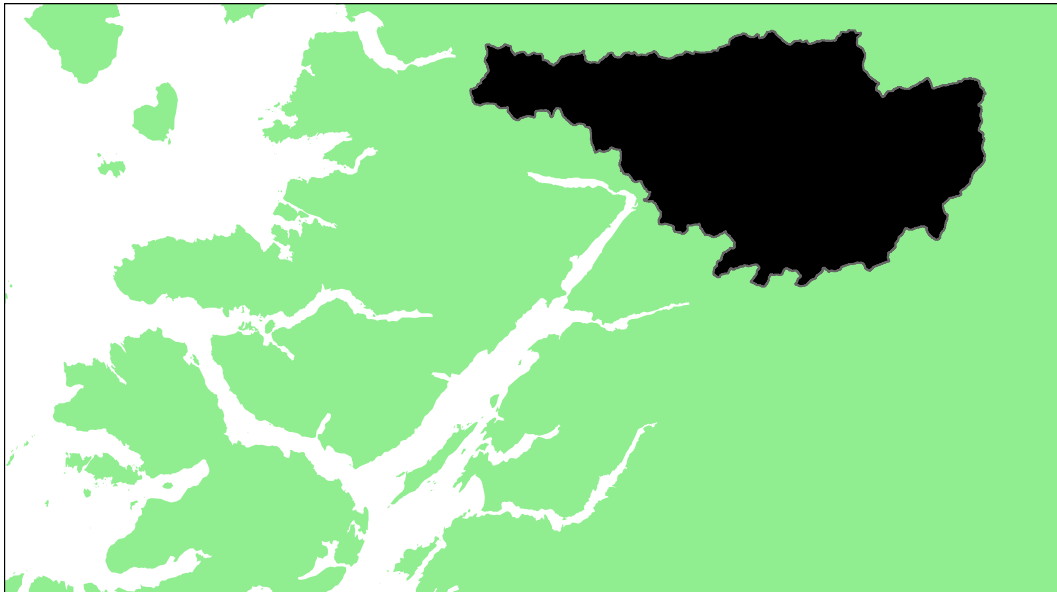
5. Percentage chance that the egg requirement has been reached



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 Lochy: Grade 3



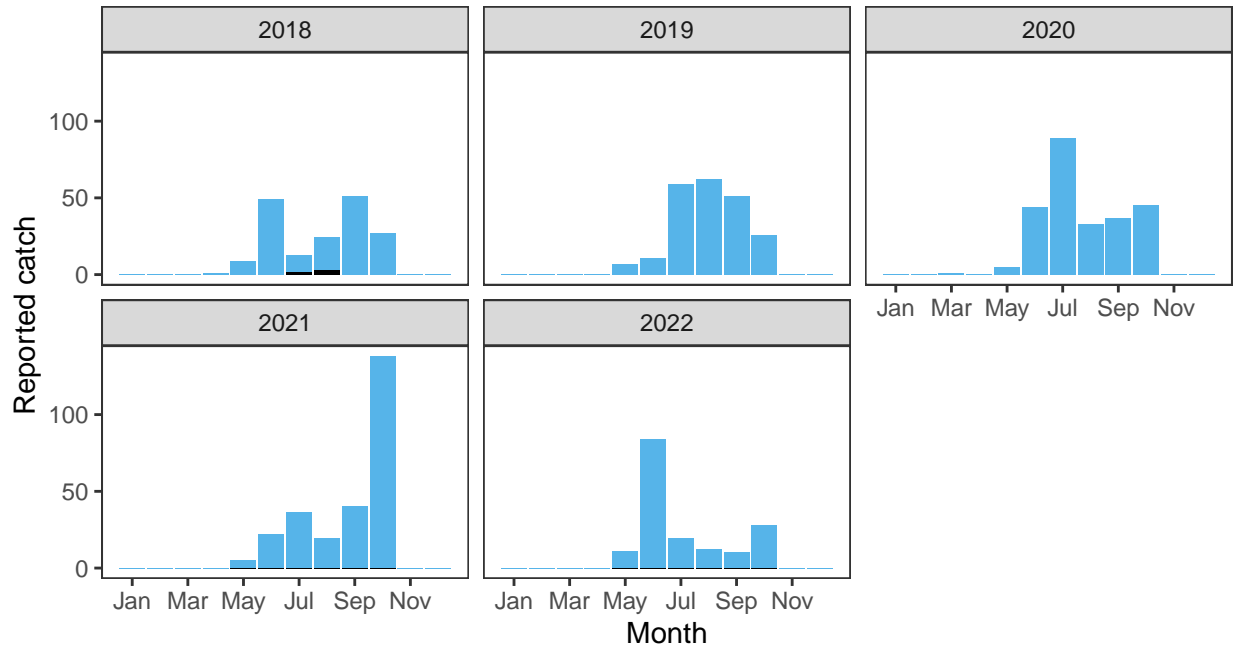
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.14	2,050,000	4,401,000	49.03	42.45	58.04	55.33	50.29	0.51028	3

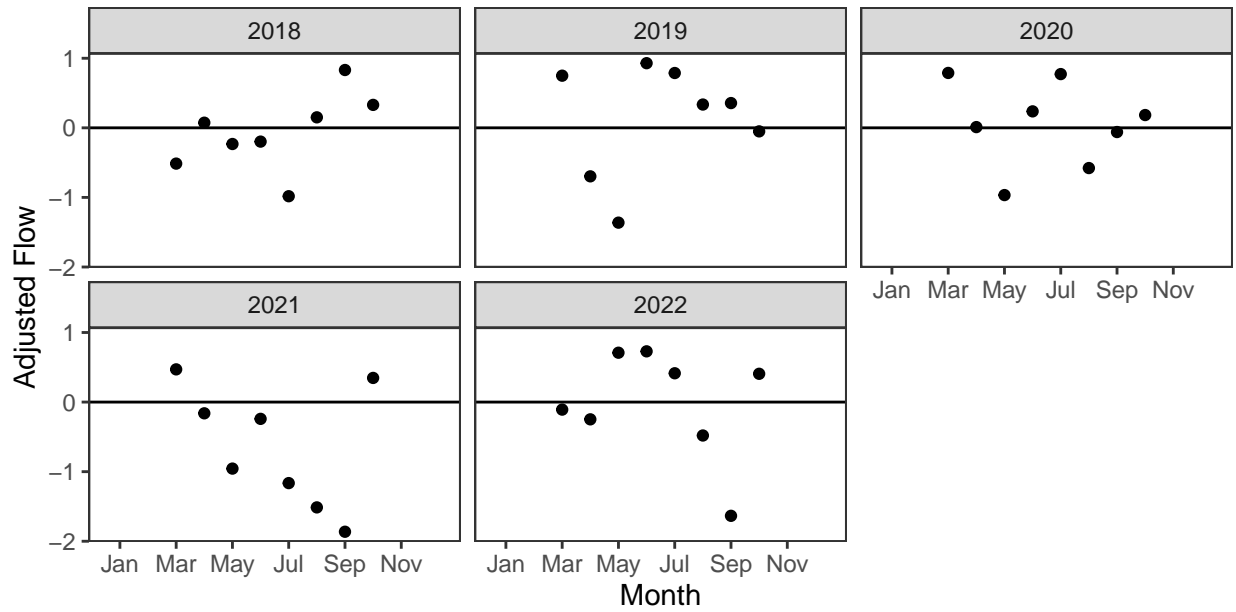
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

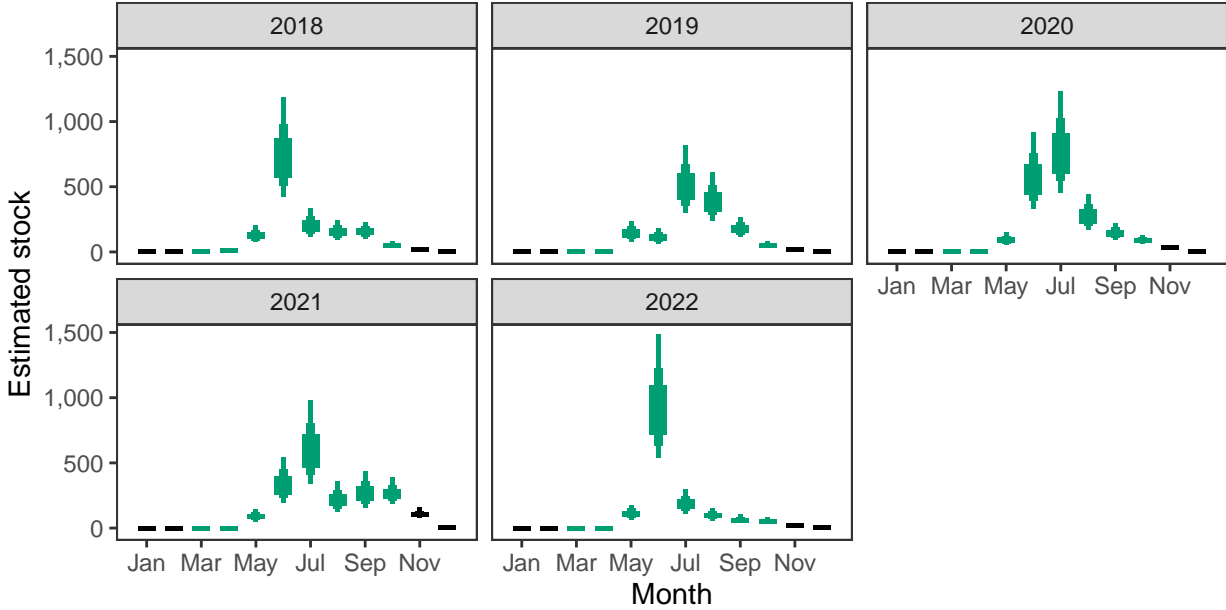
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

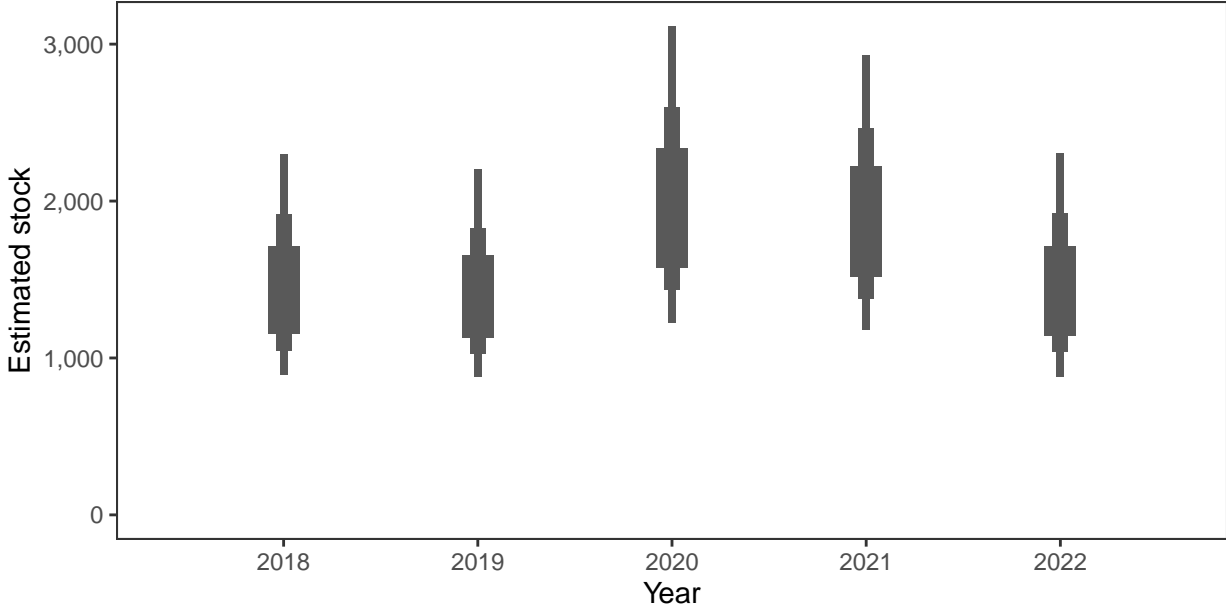


*Monthly stock estimates (out of season in black)*



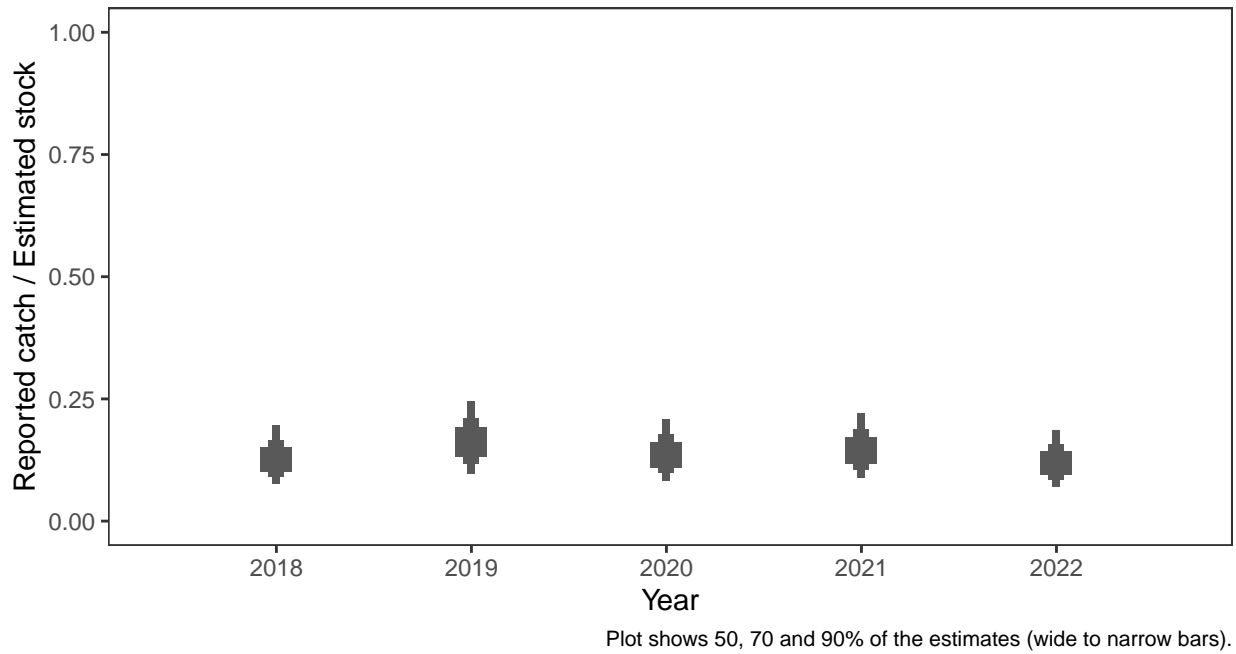
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



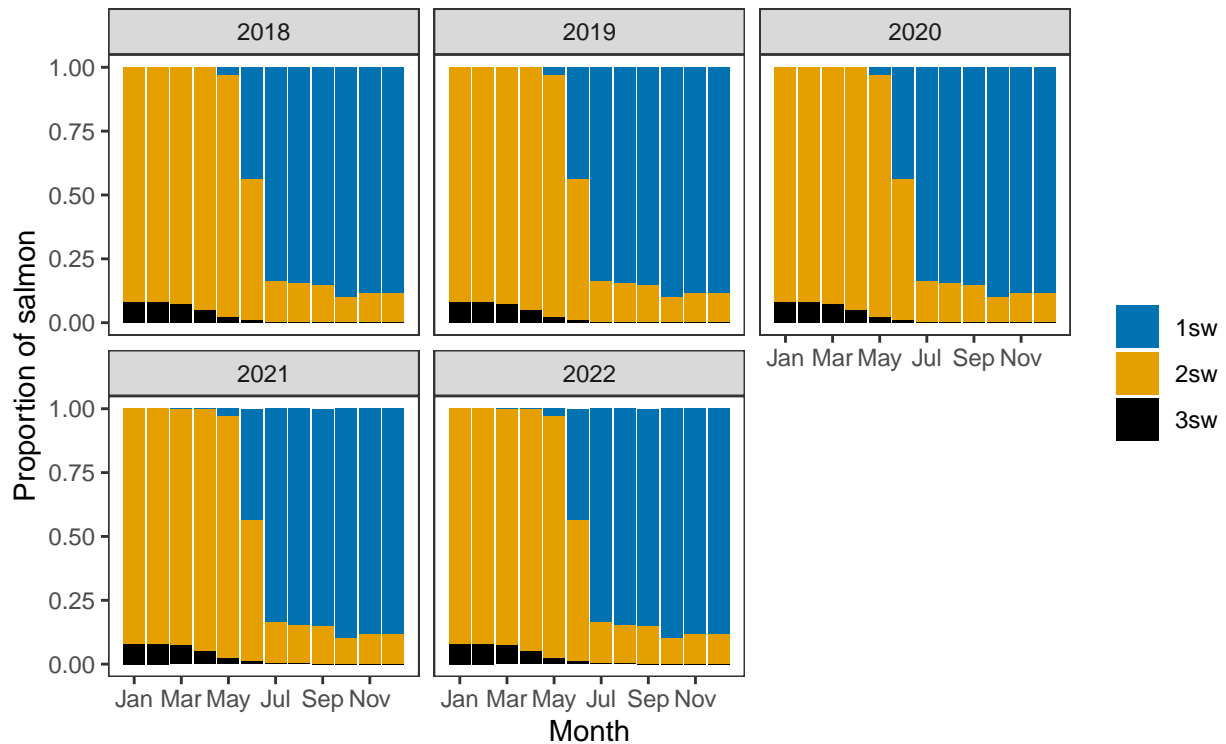
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

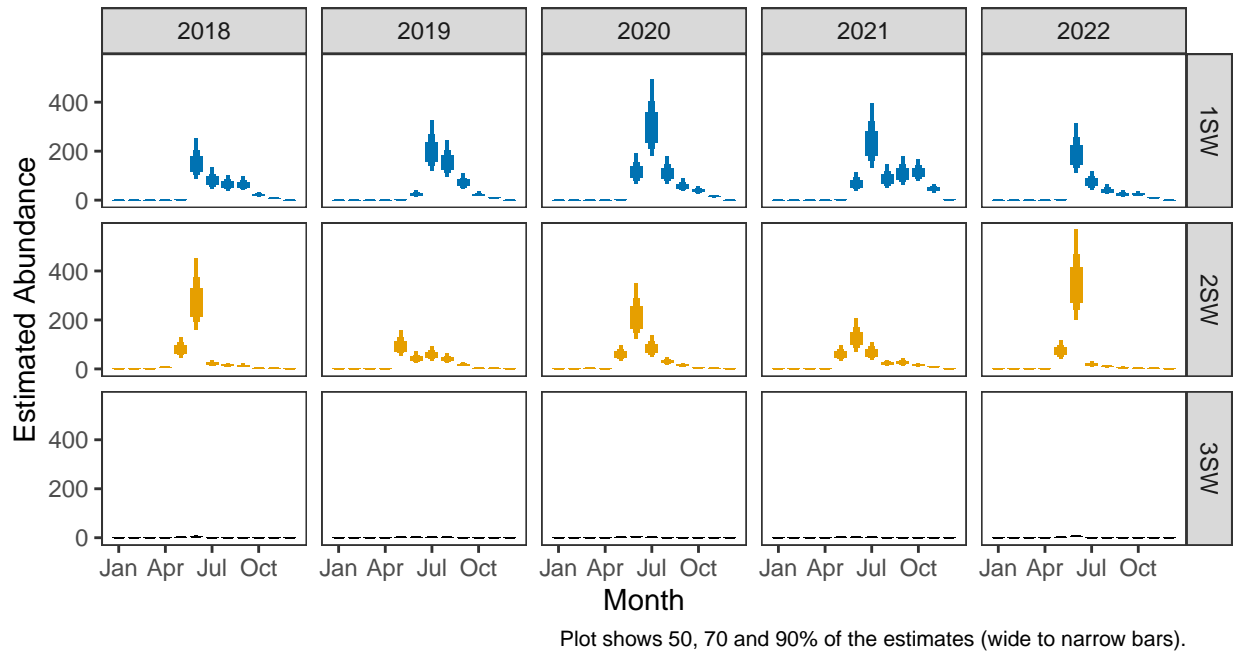


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

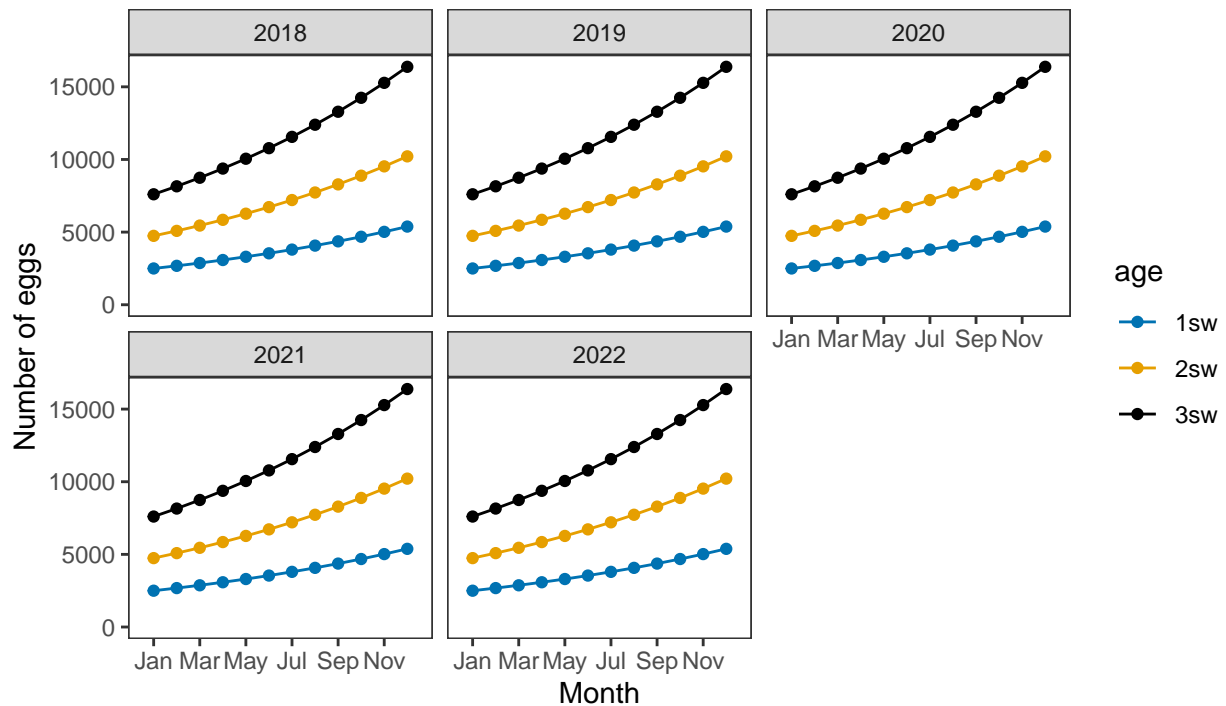


*Monthly number of spawning females*

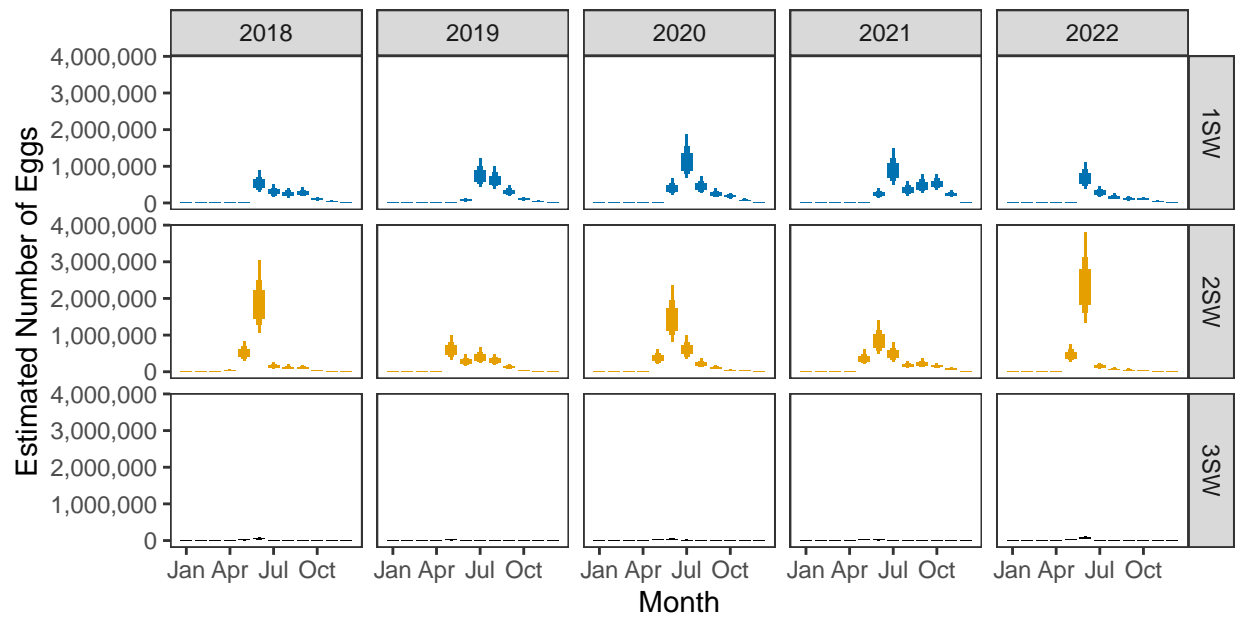


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

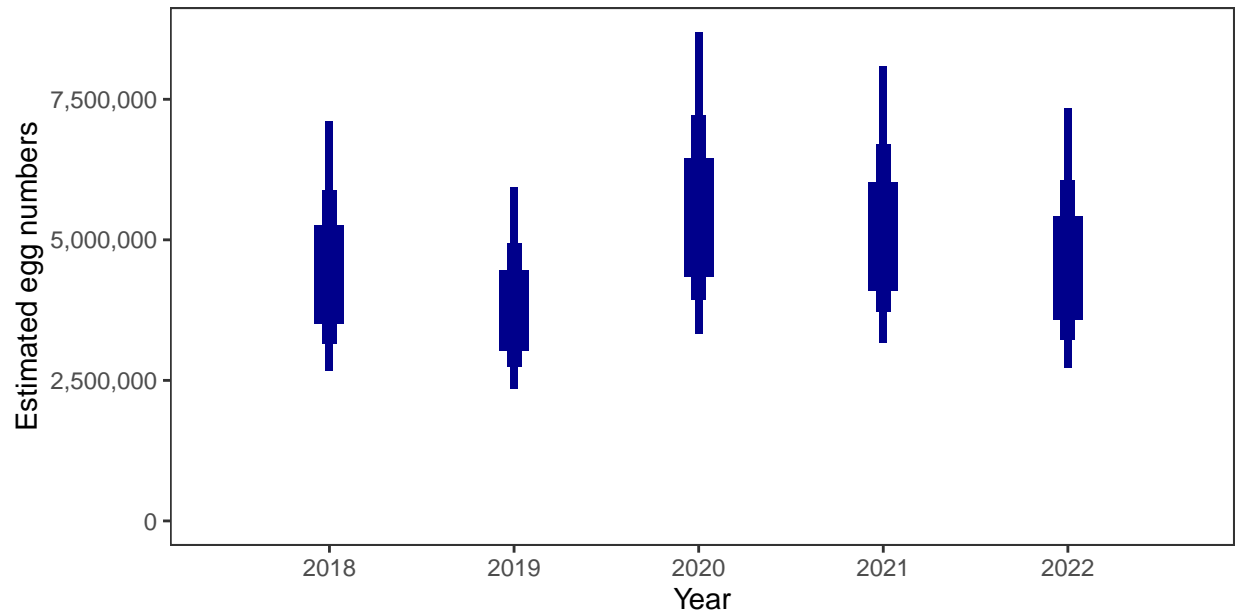


*Monthly number of eggs*



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).

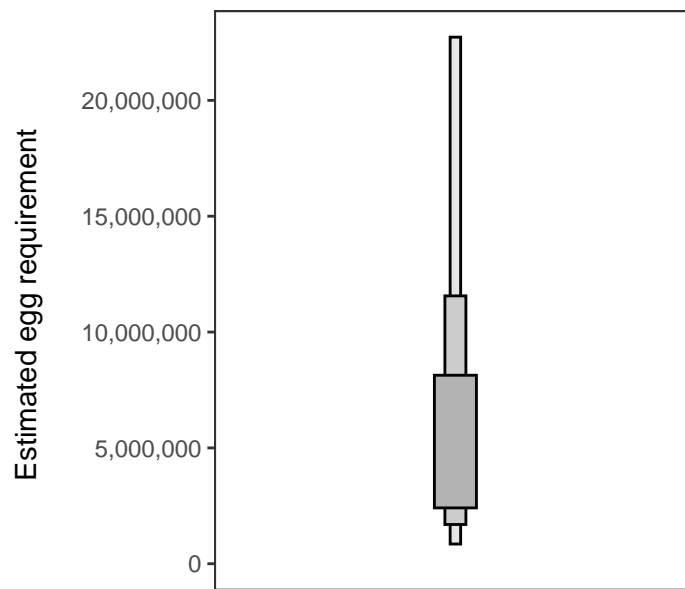
Year	Percentage above
2018	49.03
2019	42.45
2020	58.04
2021	55.33
2022	50.29

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

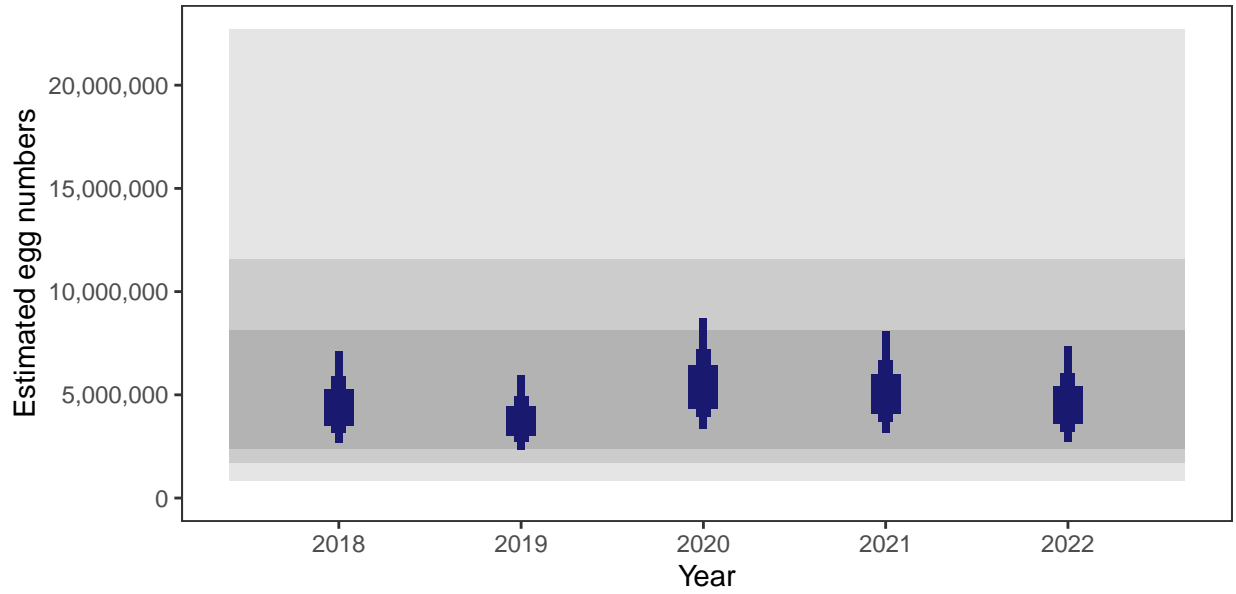
There is an estimated 2,269,828 square meters of known salmon habitat in the River Lochy and a further 120,635 square meters where salmon may be present.

##### *Egg requirement*



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

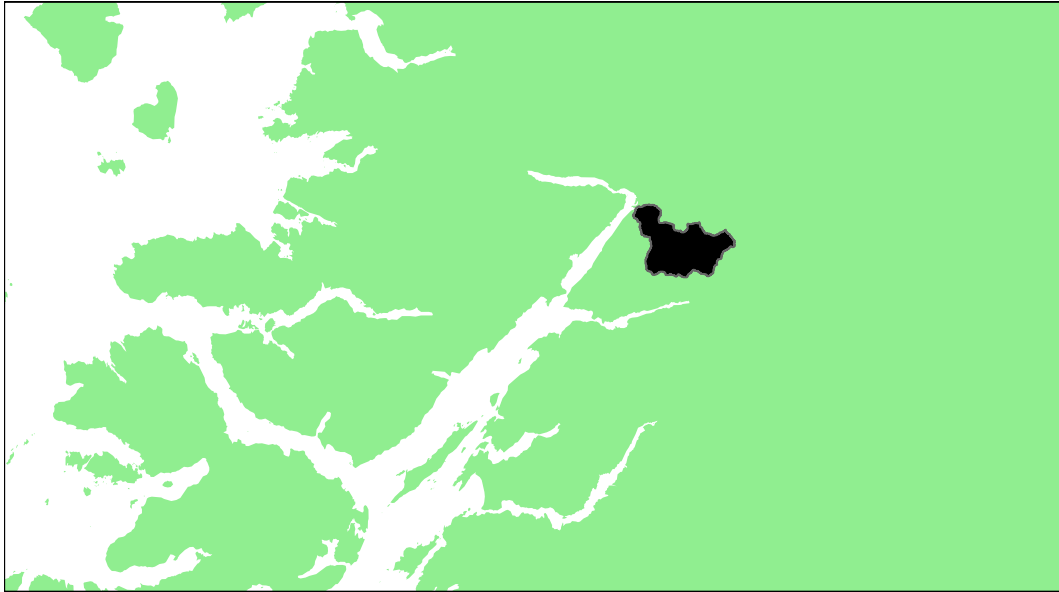
### 5. Percentage chance that the egg requirement has been reached



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 Nevis: Grade 3



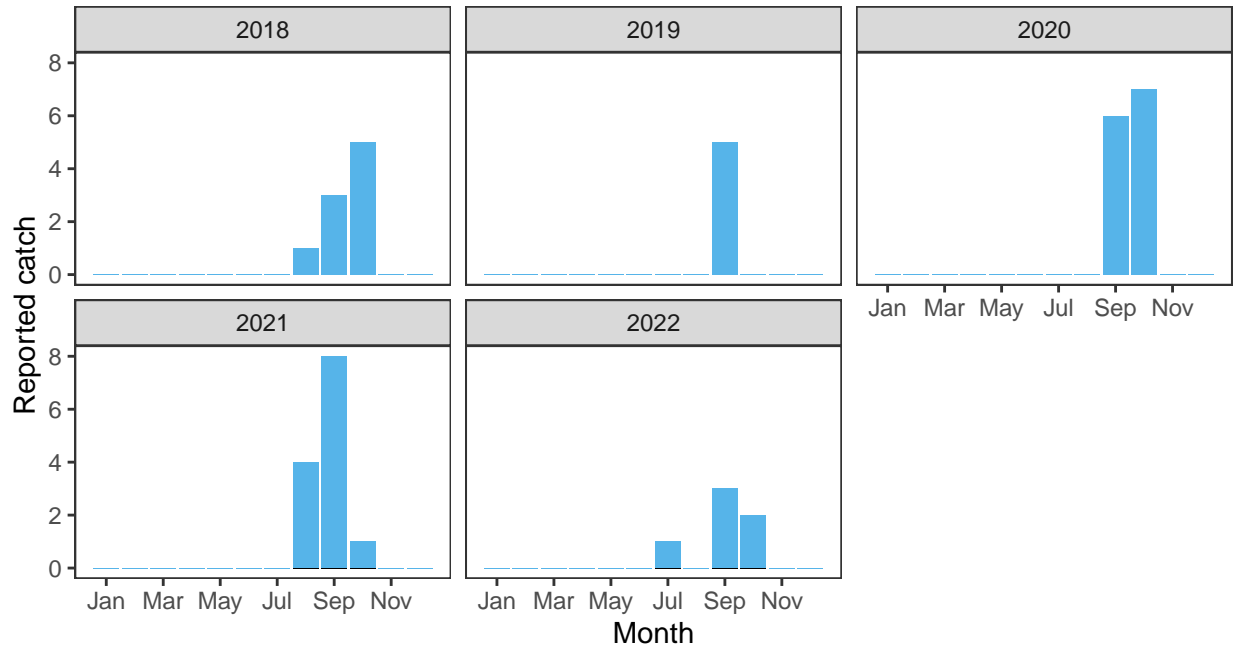
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.14	150,000	321,000	6.75	2.3	9.4	30.64	6.16	0.1105	3

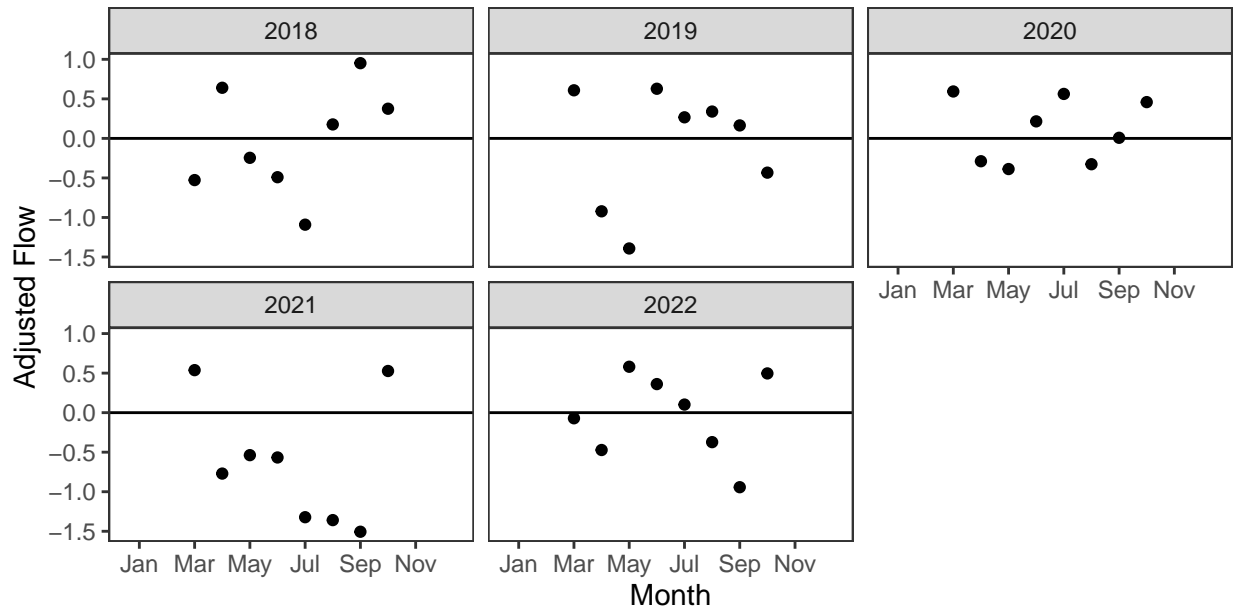
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

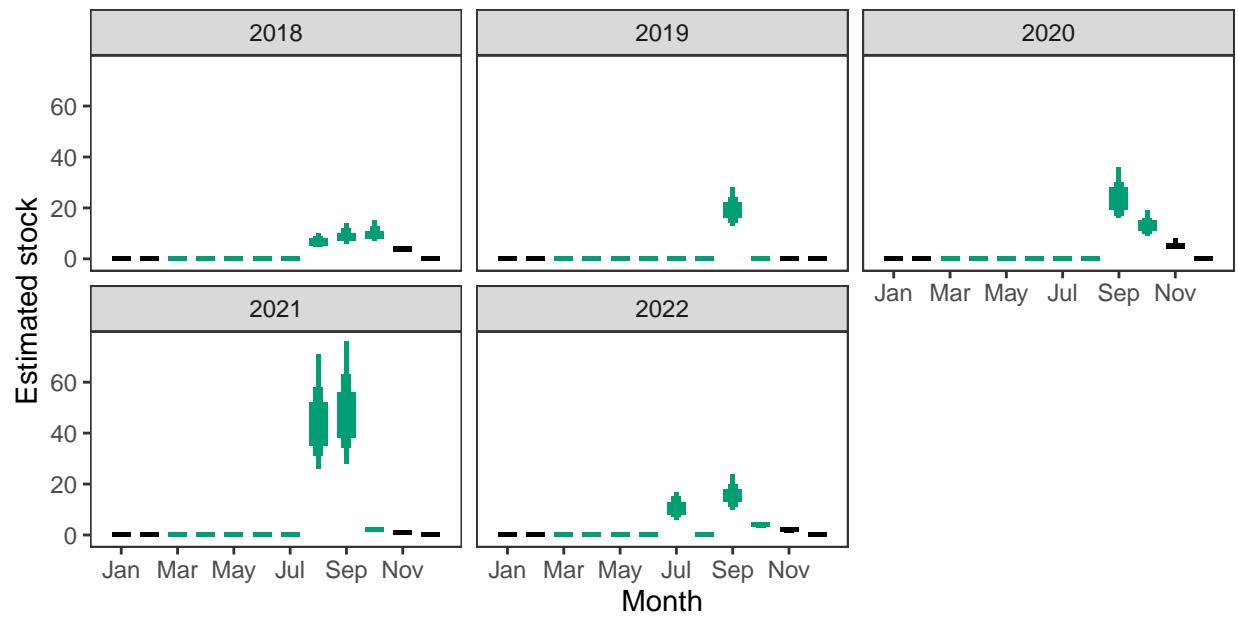
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

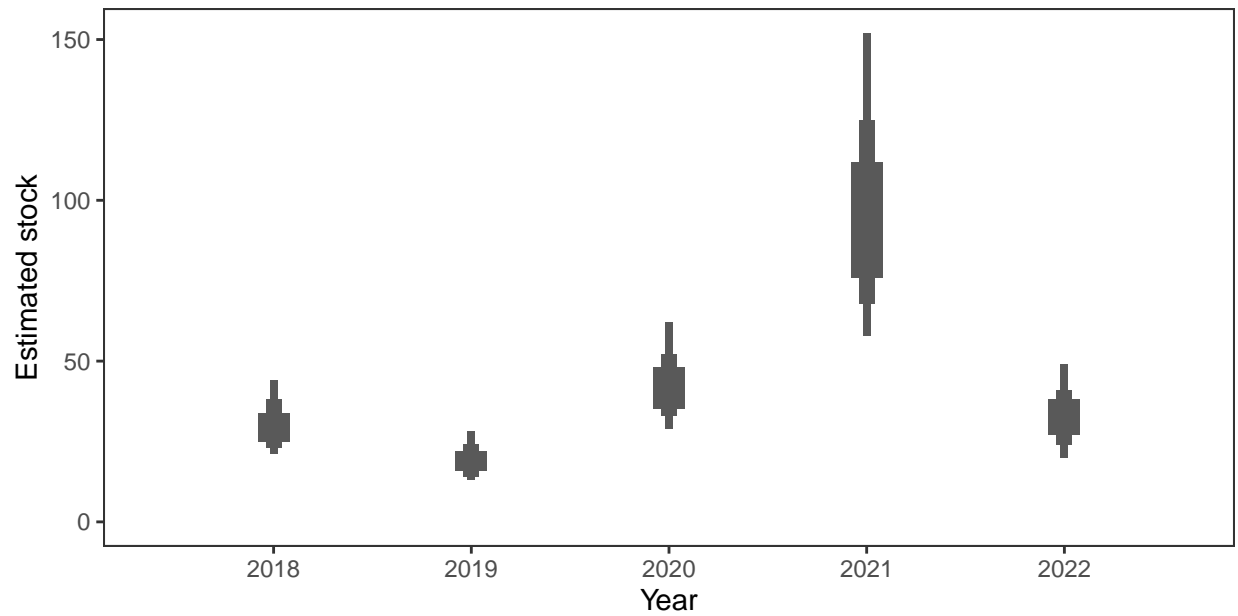


*Monthly stock estimates (out of season in black)*



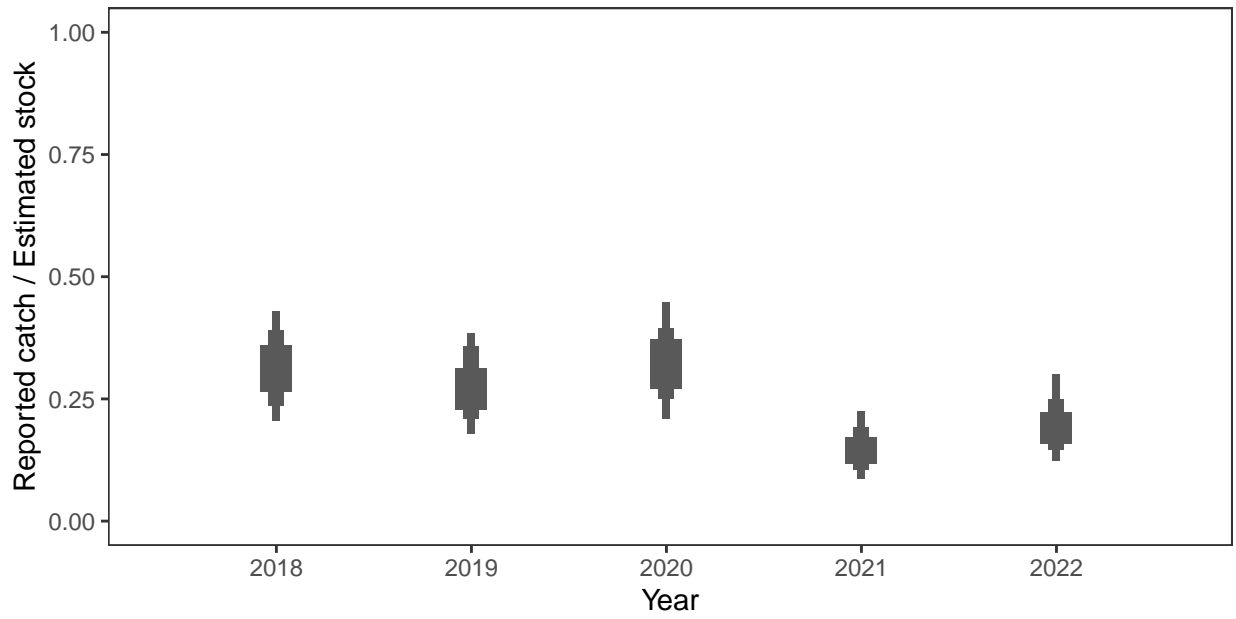
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



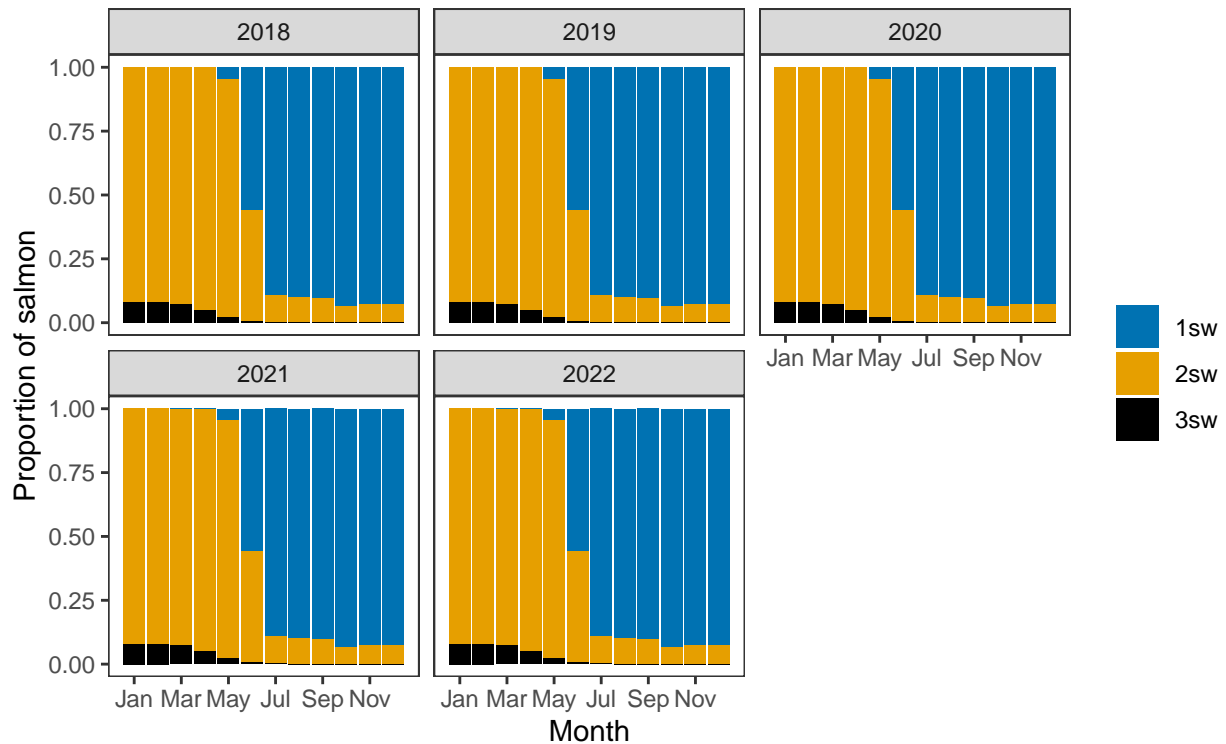
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

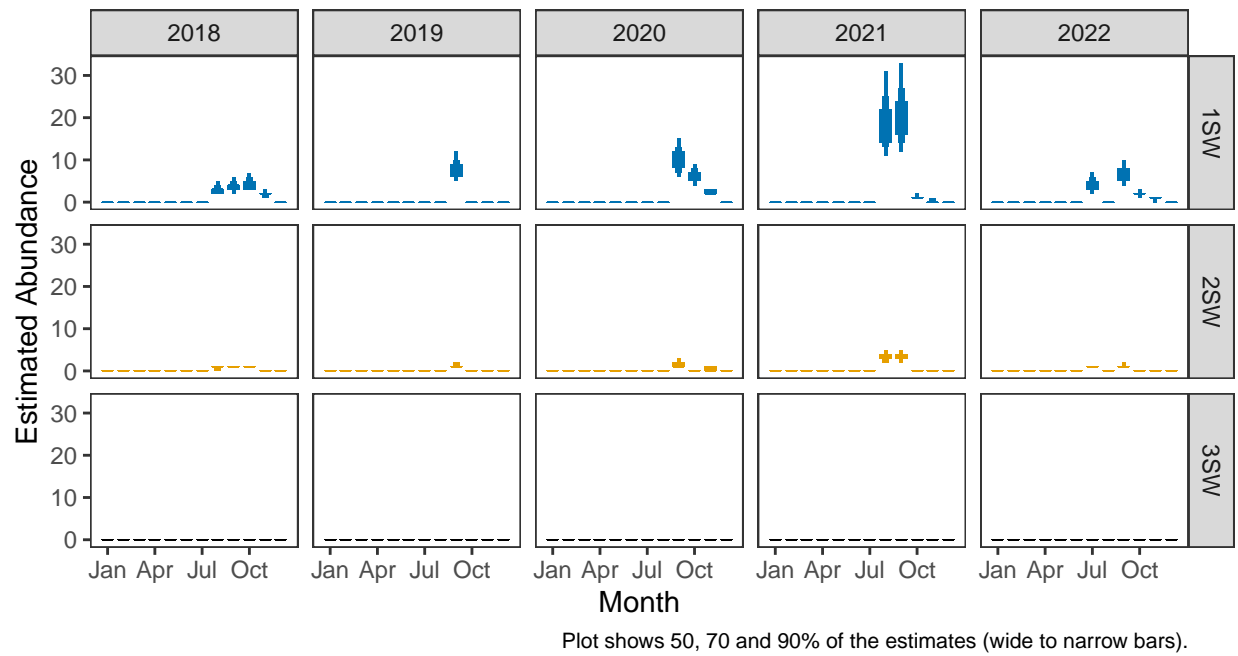


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

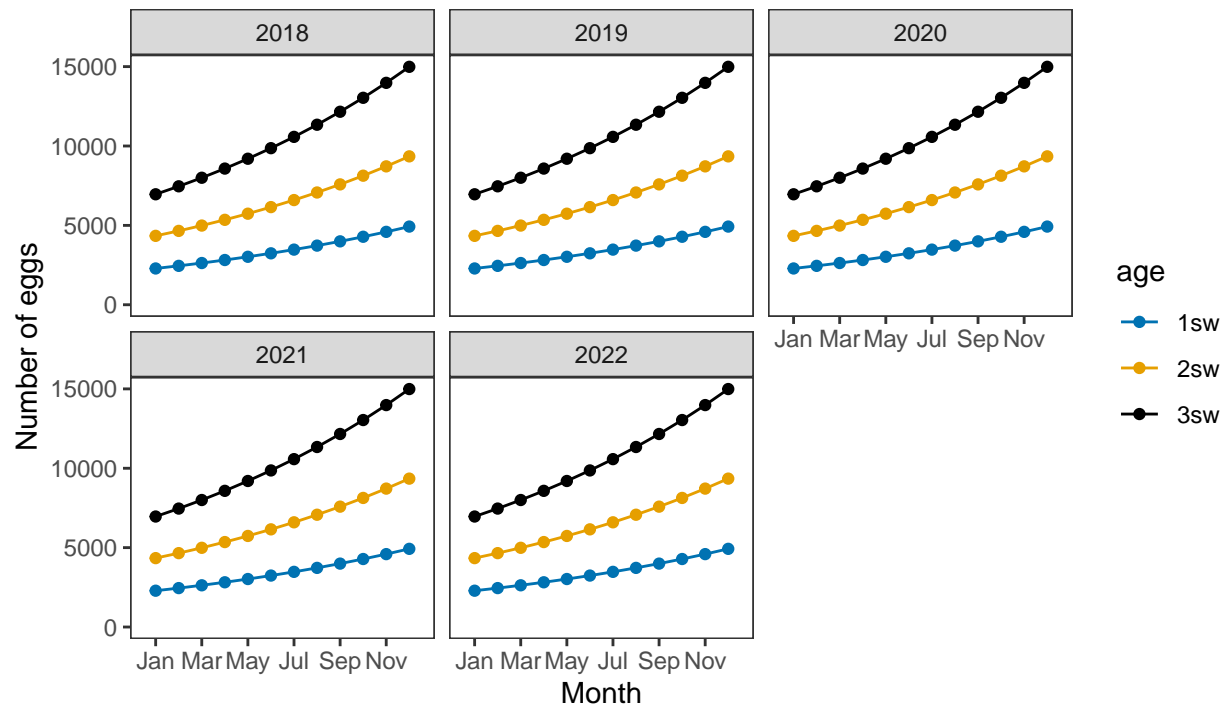


### Monthly number of spawning females

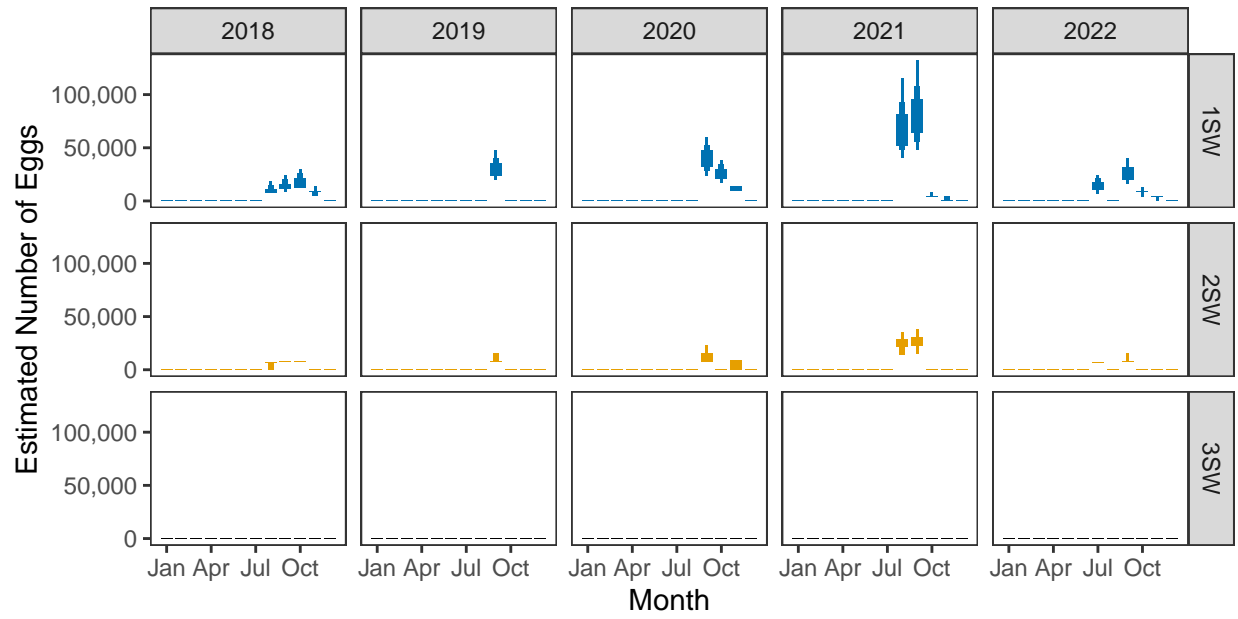


### 3. Converting Number of Spawners to Number of Eggs

#### Egg contents of females

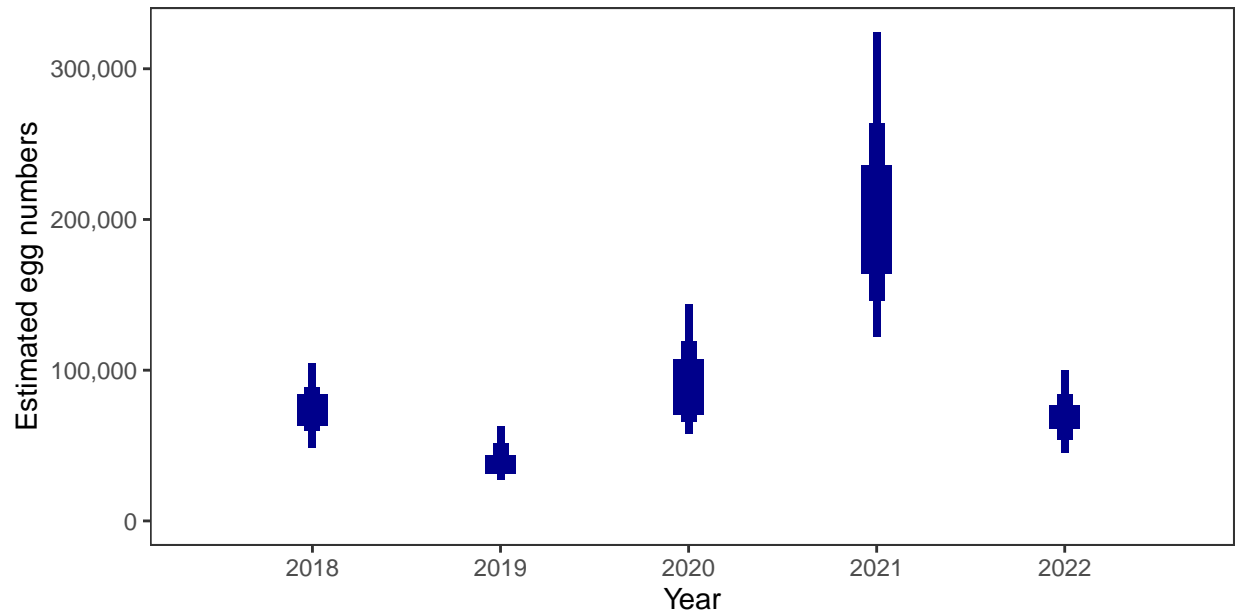


*Monthly number of eggs*



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).

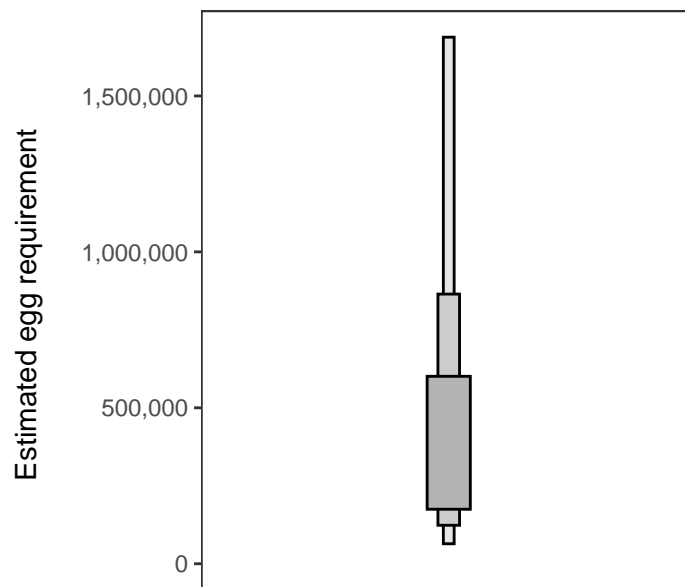
Year	Percentage above
2018	6.75
2019	2.30
2020	9.40
2021	30.64
2022	6.16

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

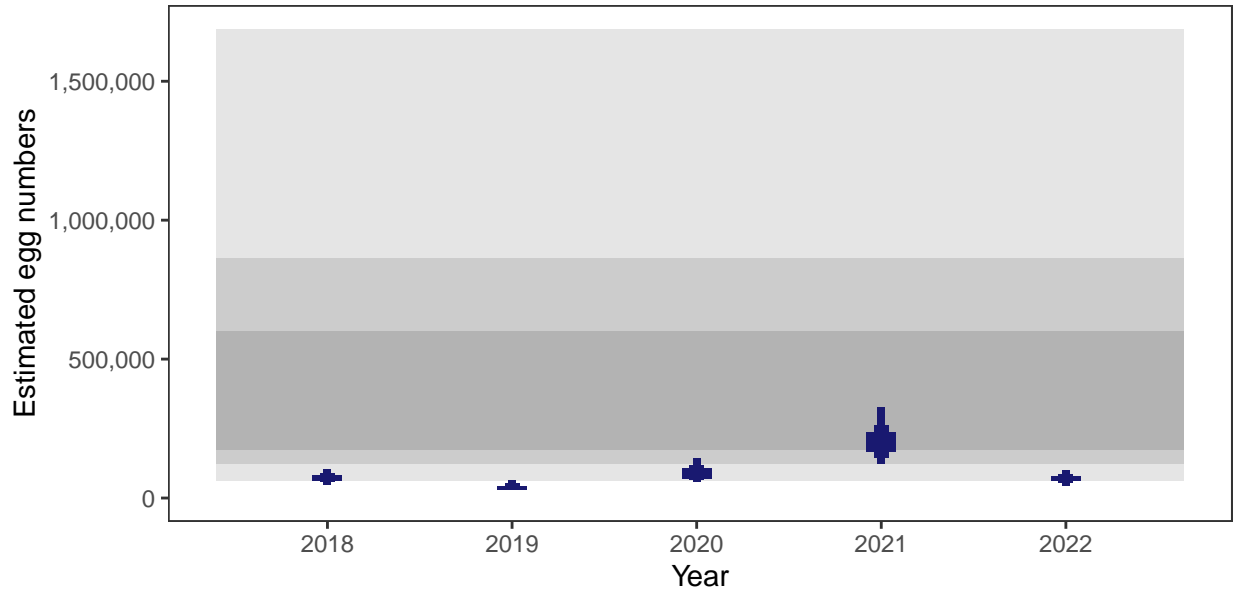
There is an estimated 170,053 square meters of known salmon habitat in the River Nevis and a further 1,759 square meters where salmon may be present.

##### *Egg requirement*



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

5. Percentage chance that the egg requirement has been reached



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 Leven (Inverness-shire): Grade 1



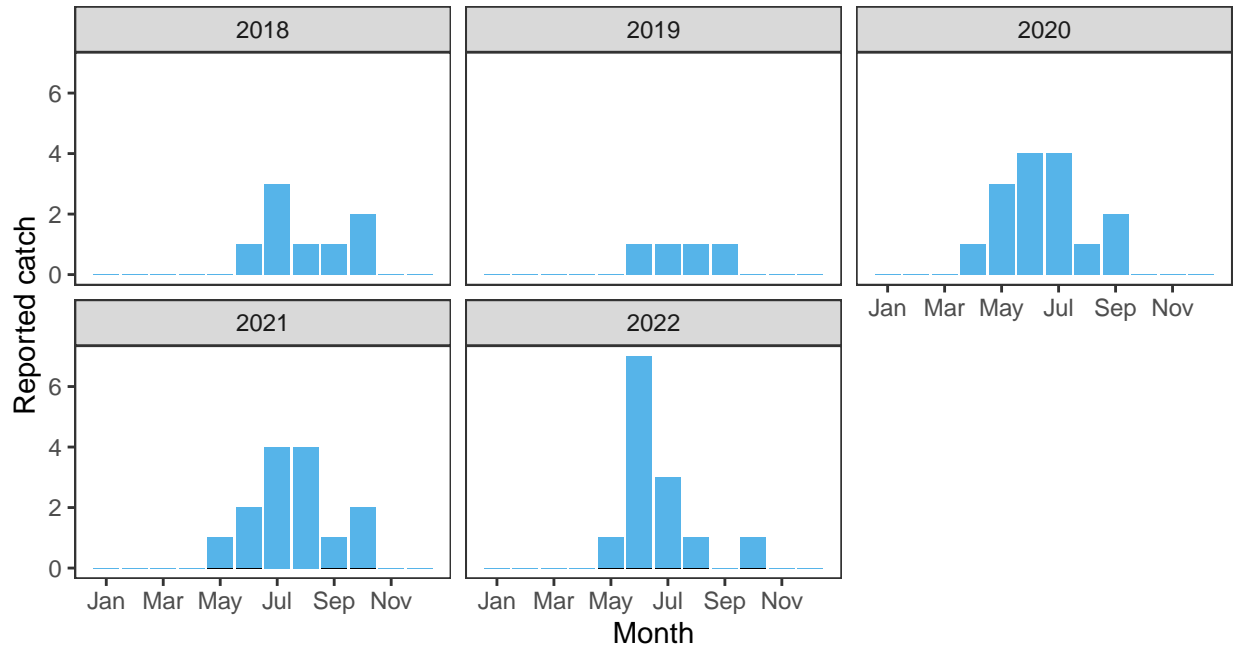
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.18	24,000	51,000	88.05	65.97	98.01	96.56	96.43	0.89004	1

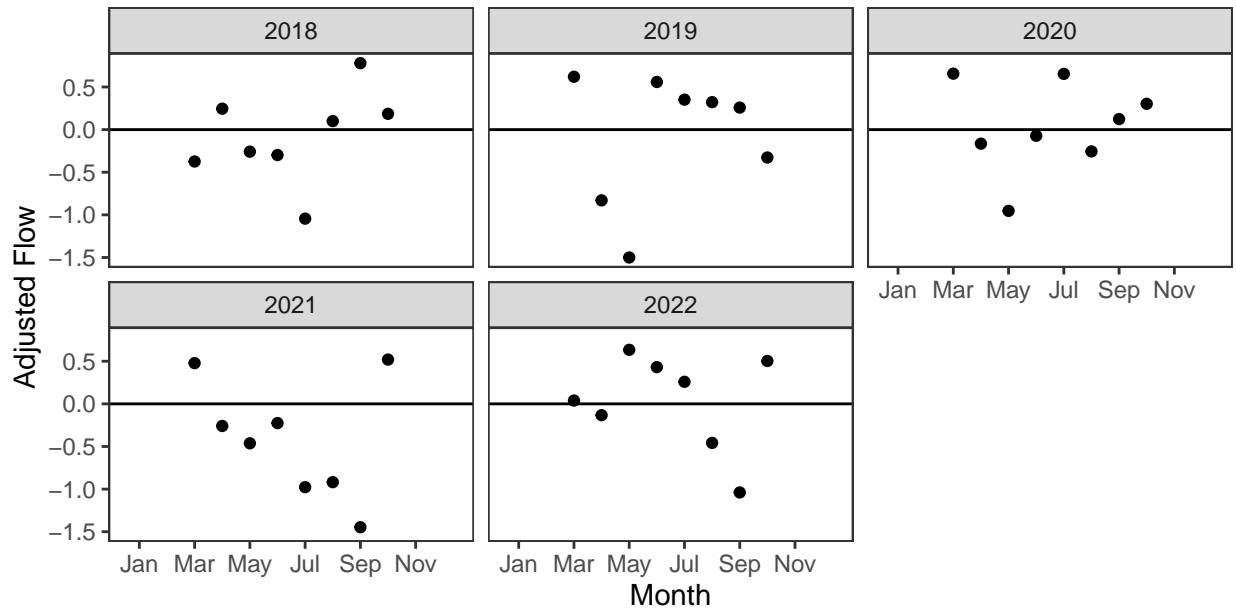
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

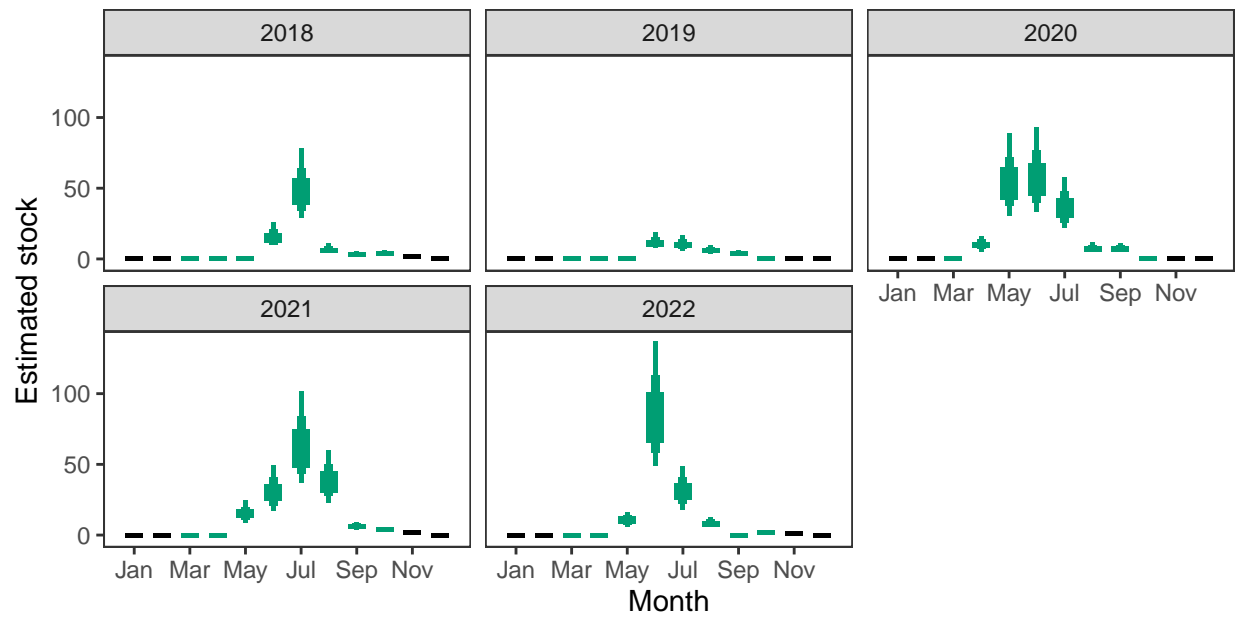
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

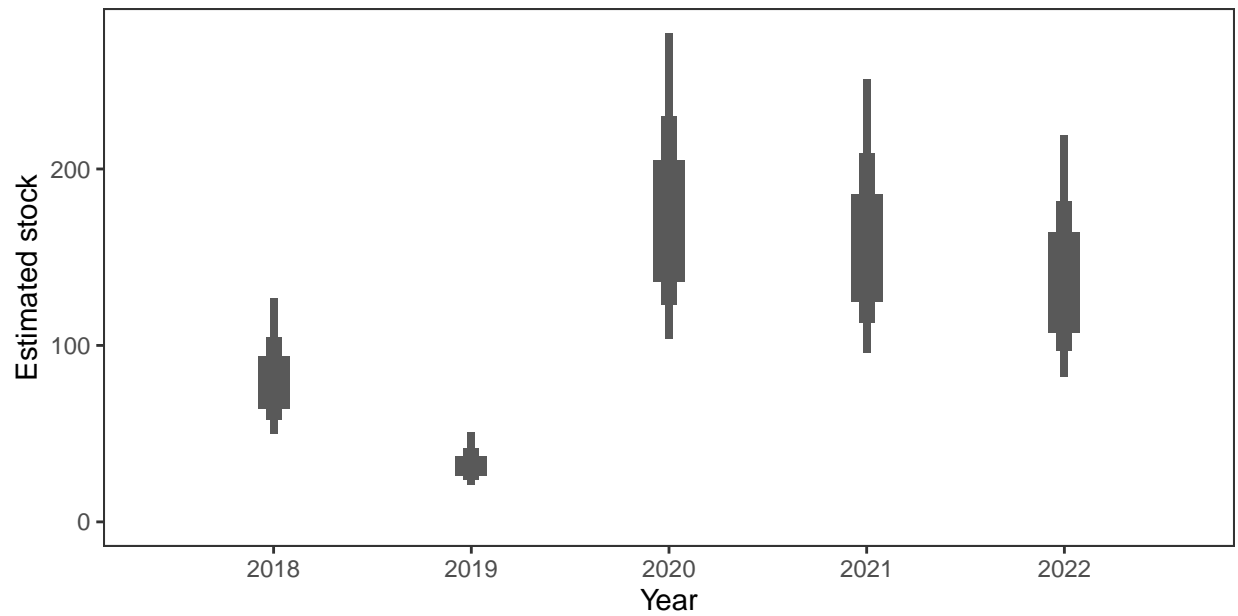


*Monthly stock estimates (out of season in black)*



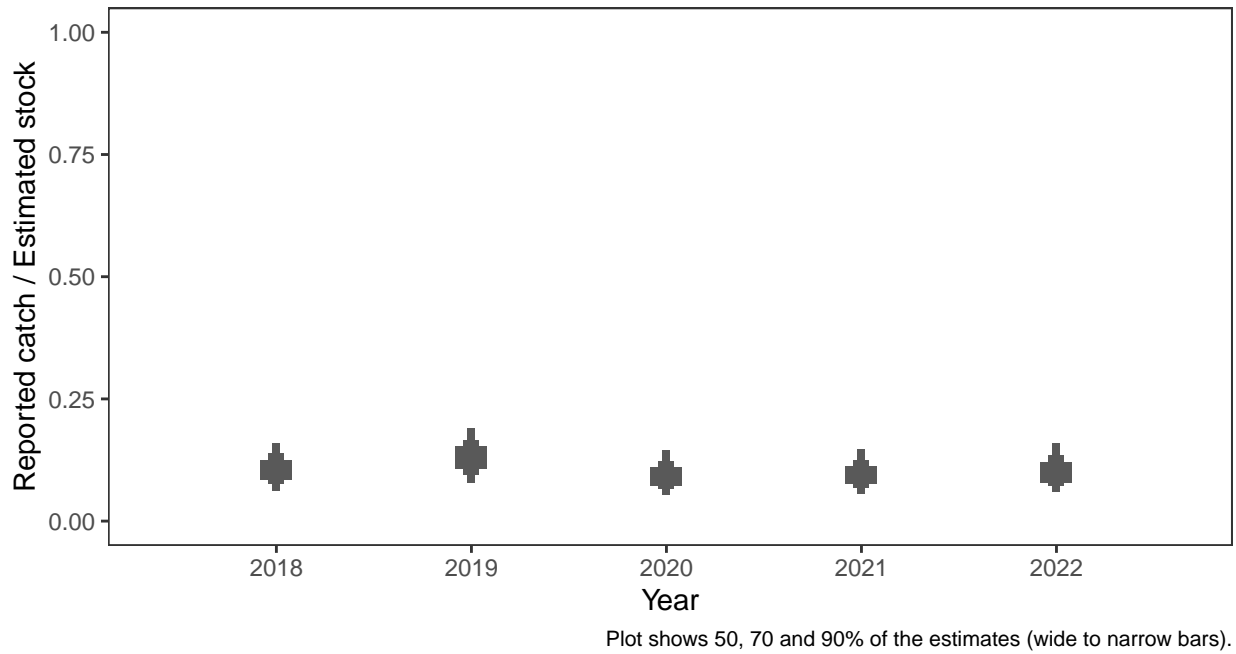
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



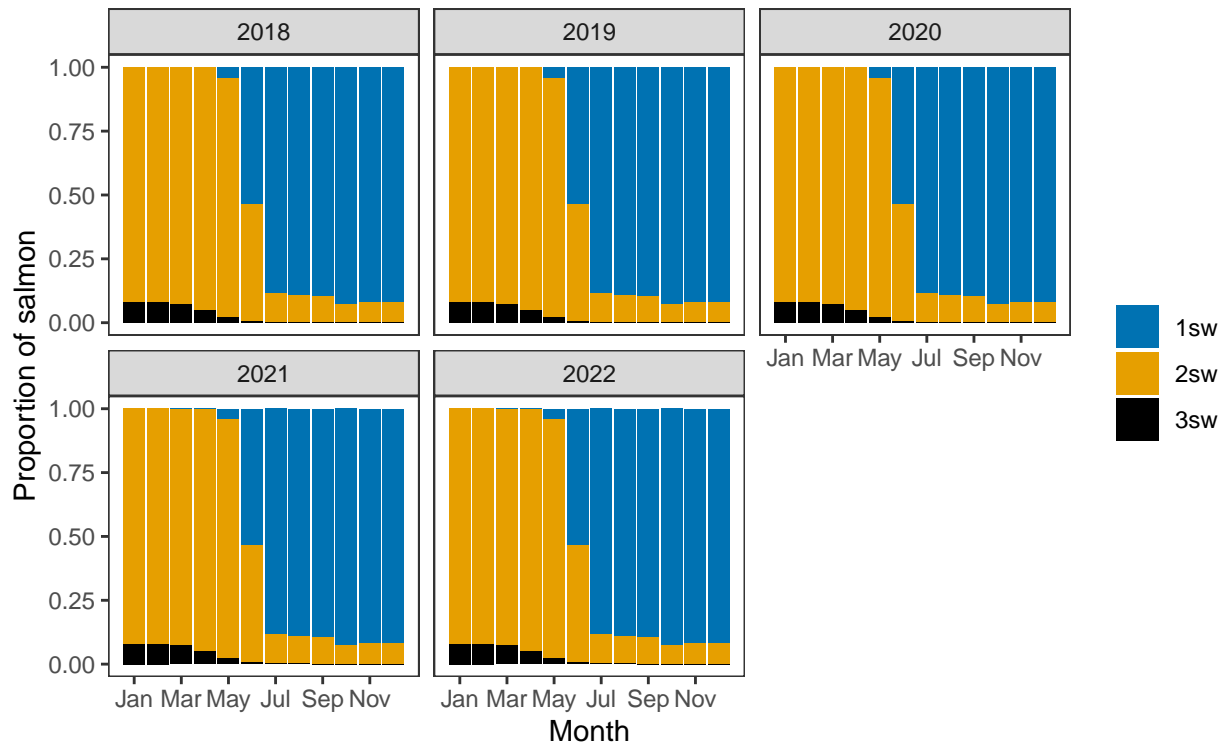
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

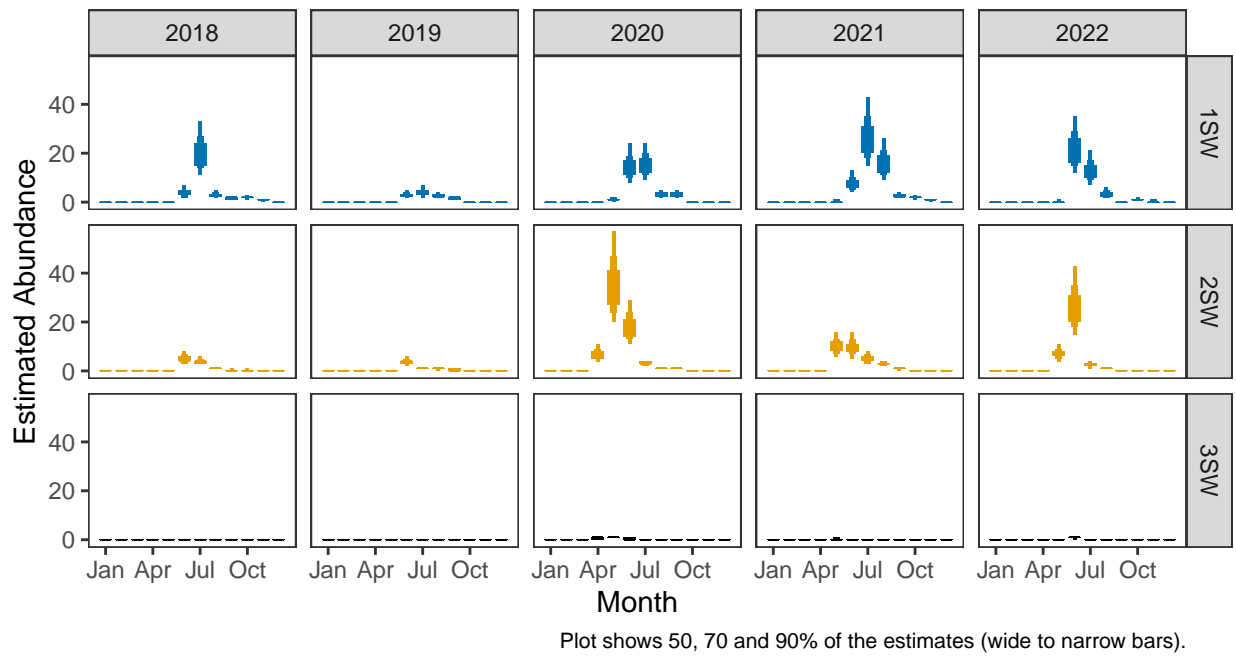


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

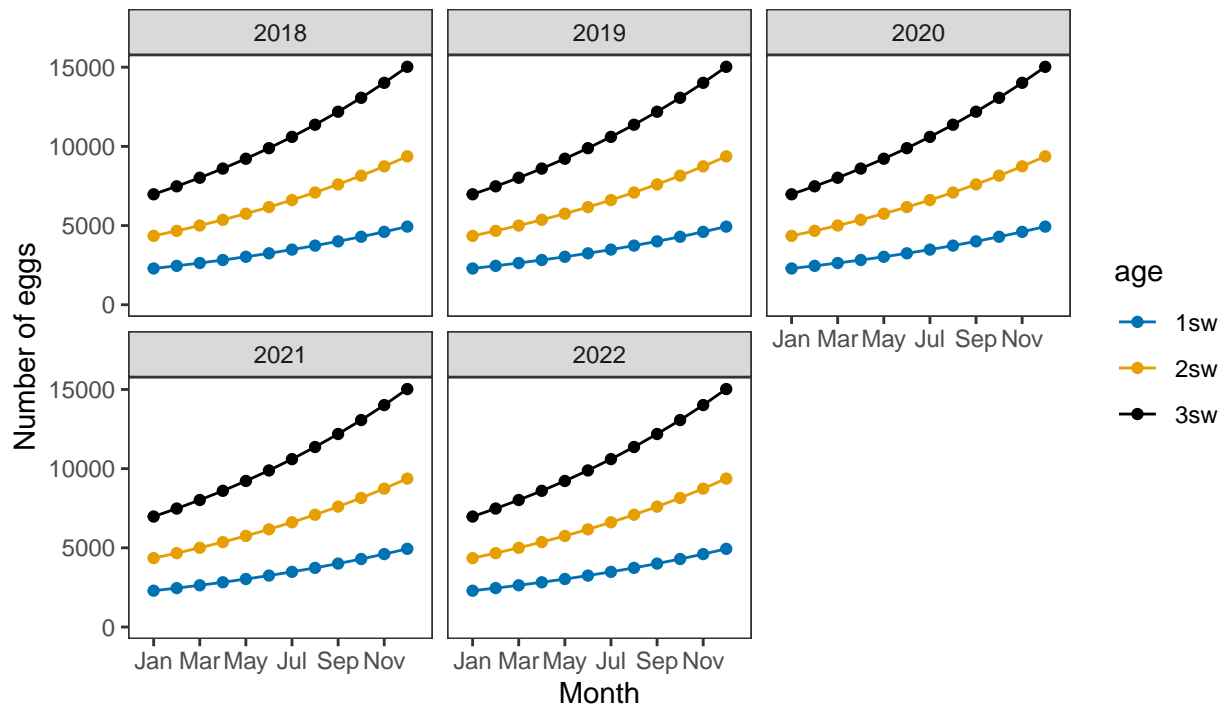


*Monthly number of spawning females*

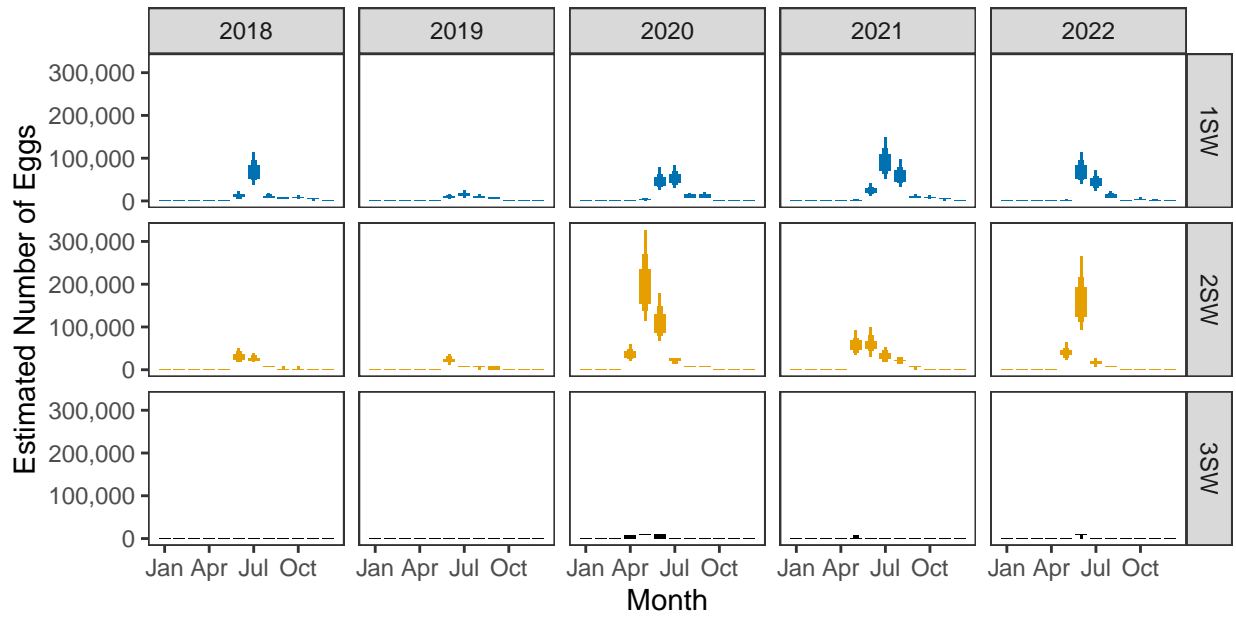


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

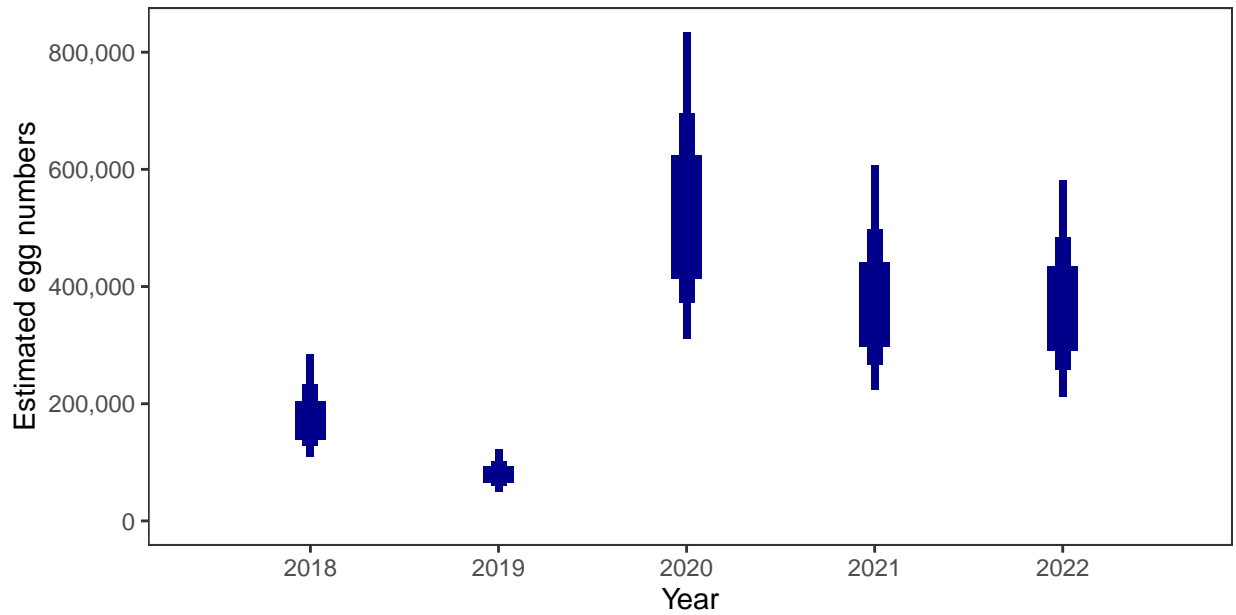


*Monthly number of eggs*



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).

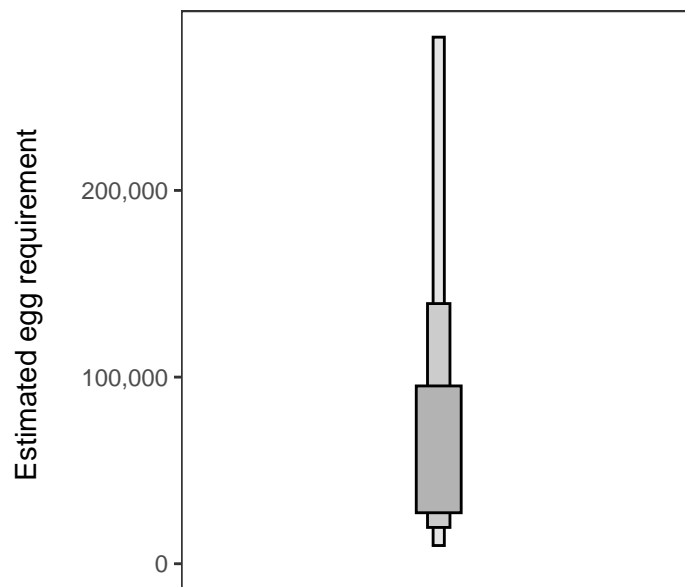
Year	Percentage above
2018	88.05
2019	65.97
2020	98.01
2021	96.56
2022	96.43

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

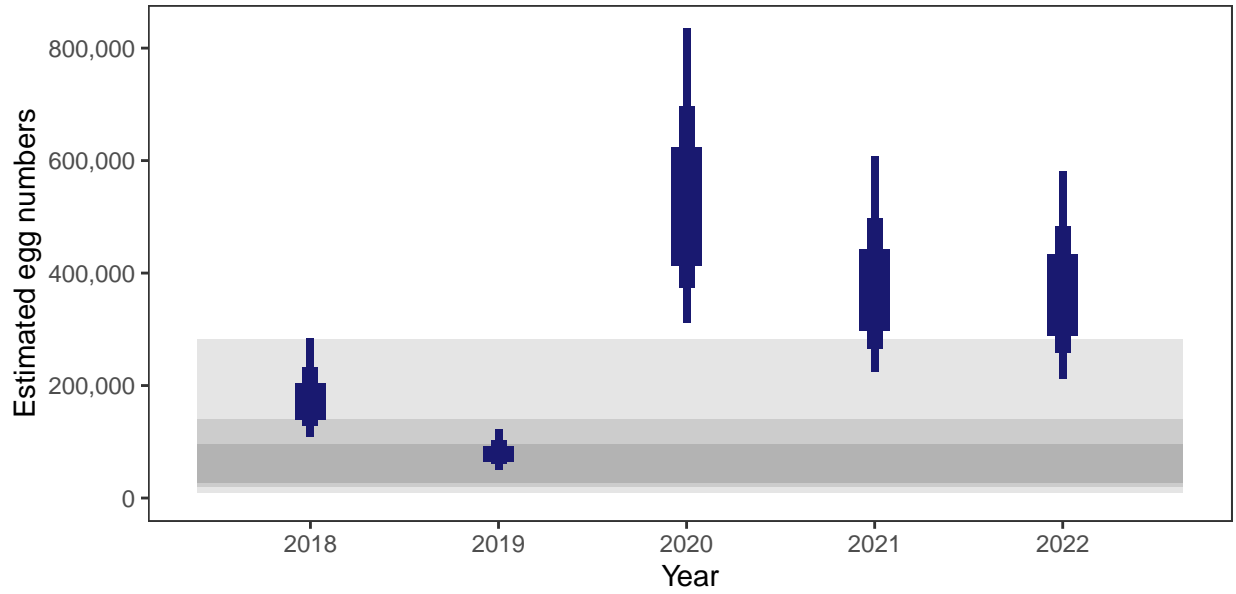
There is an estimated 26,418 square meters of known salmon habitat in the River Leven (Inverness-shire) and a further 787 square meters where salmon may be present.

##### *Egg requirement*



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

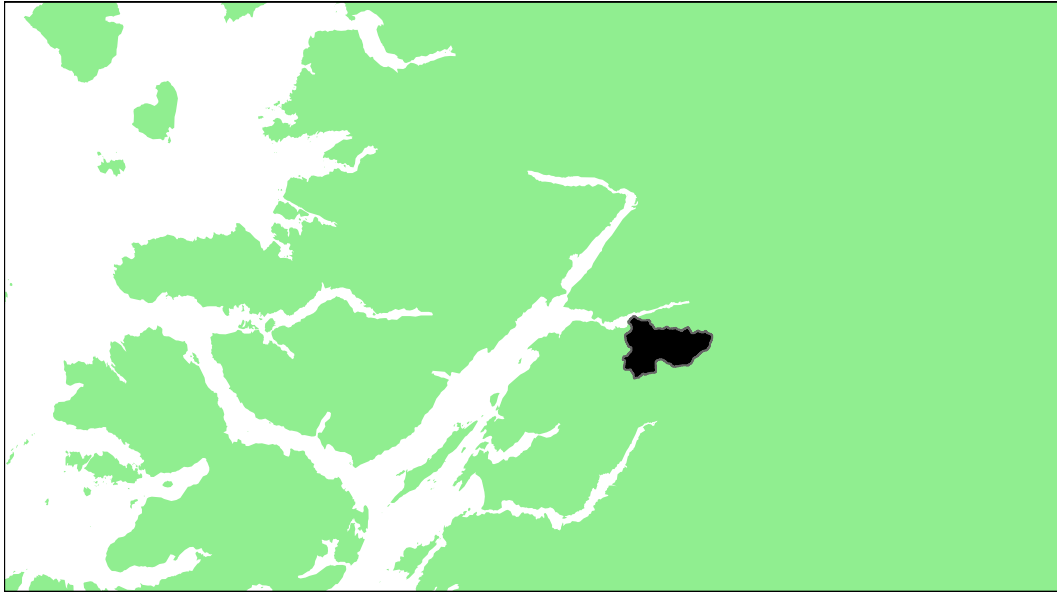
### 5. Percentage chance that the egg requirement has been reached



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 Coe: Grade 3



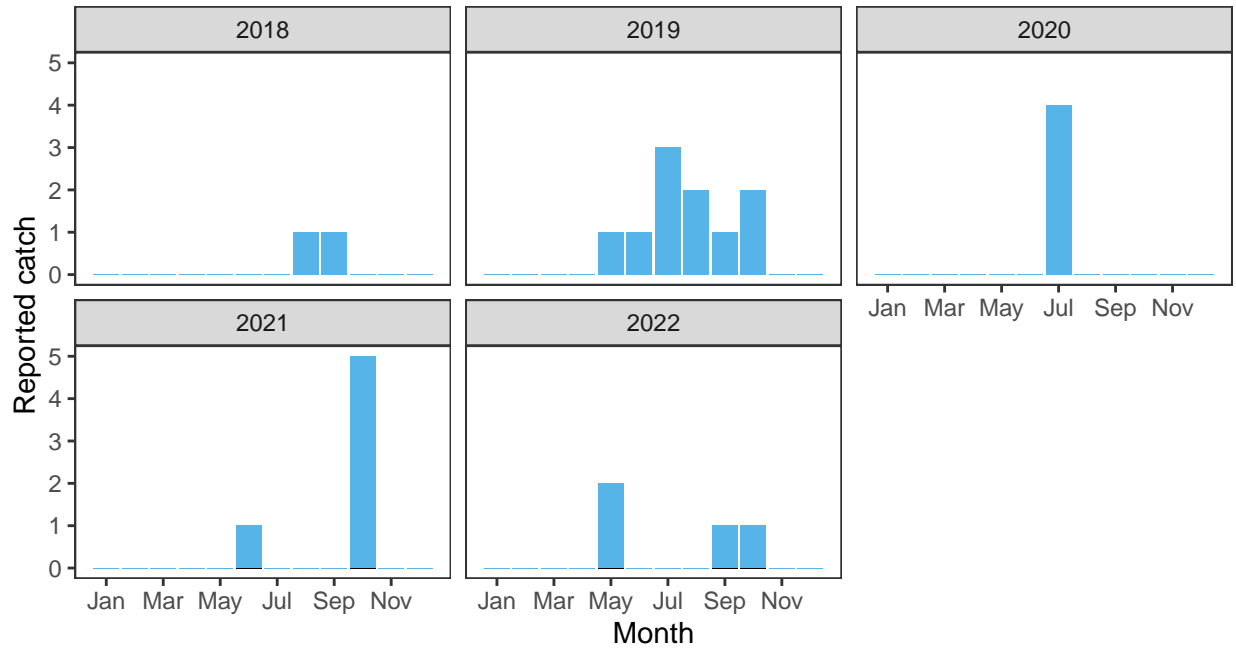
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.16	121,000	259,000	1.43	43.19	9.87	10.31	16.08	0.16176	3

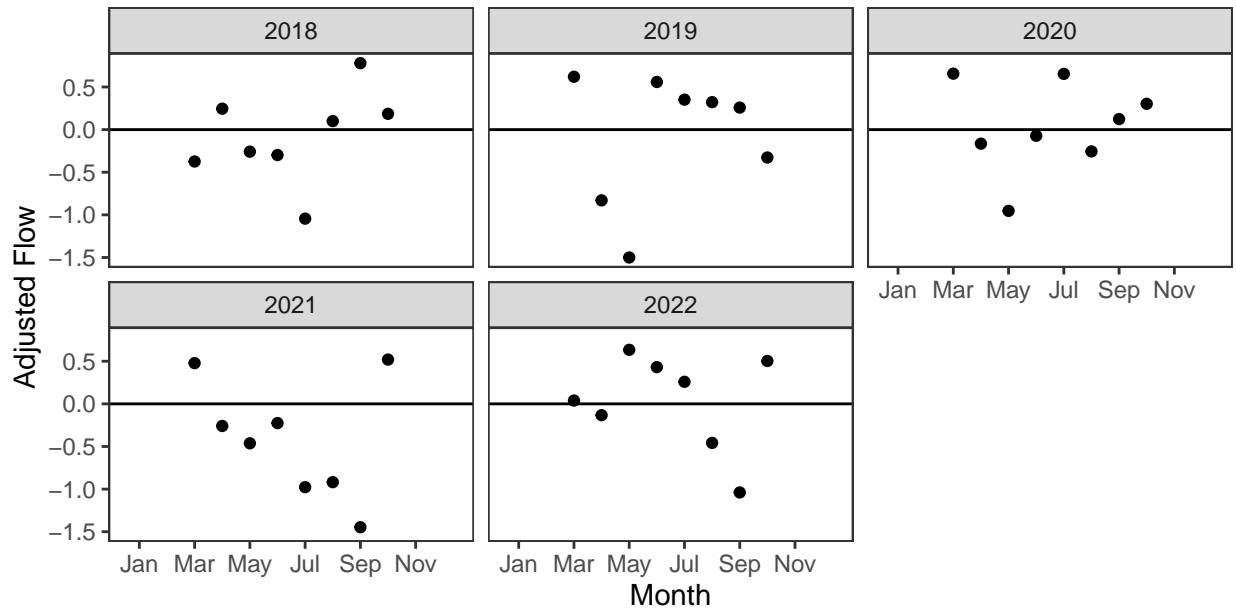
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

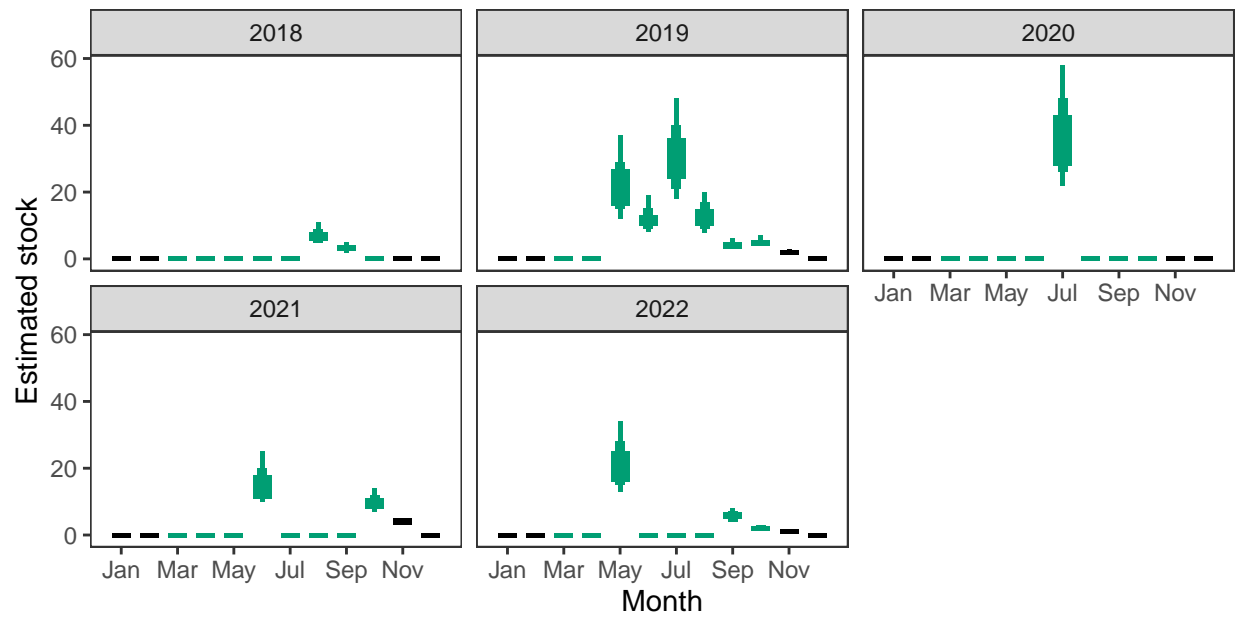
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

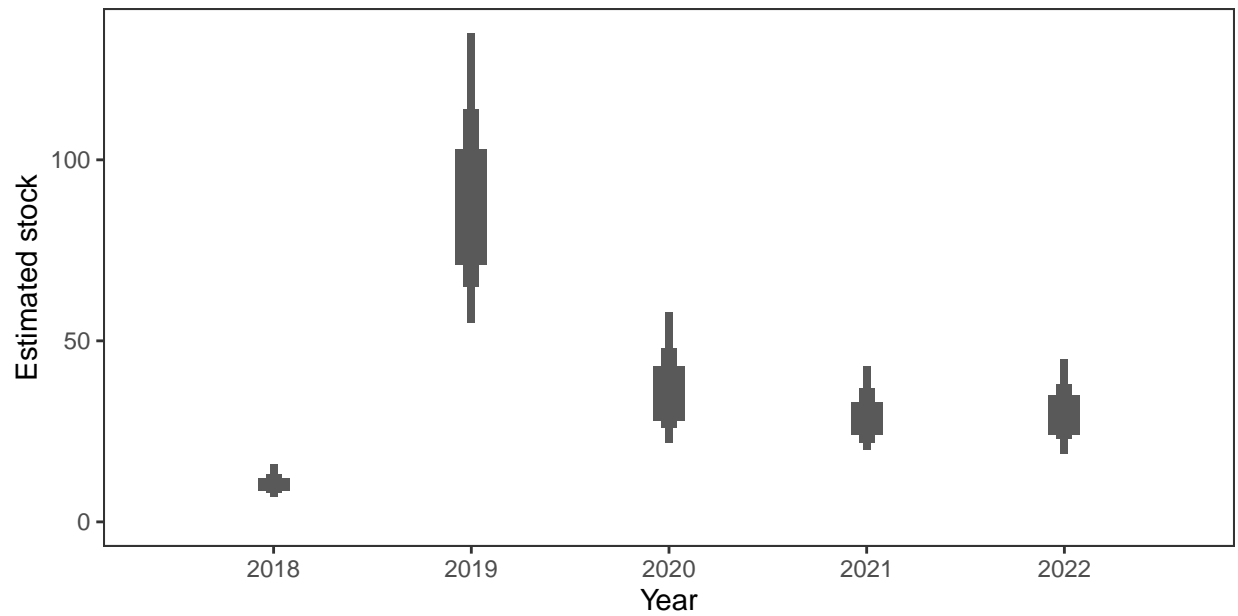


*Monthly stock estimates (out of season in black)*



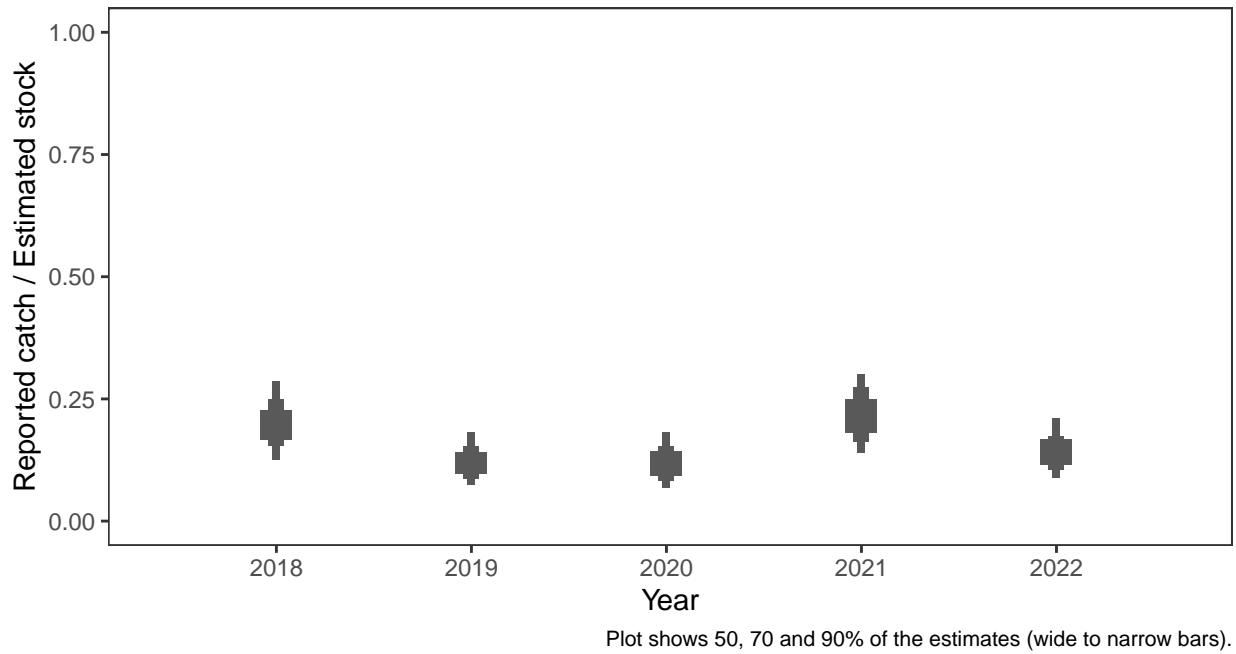
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



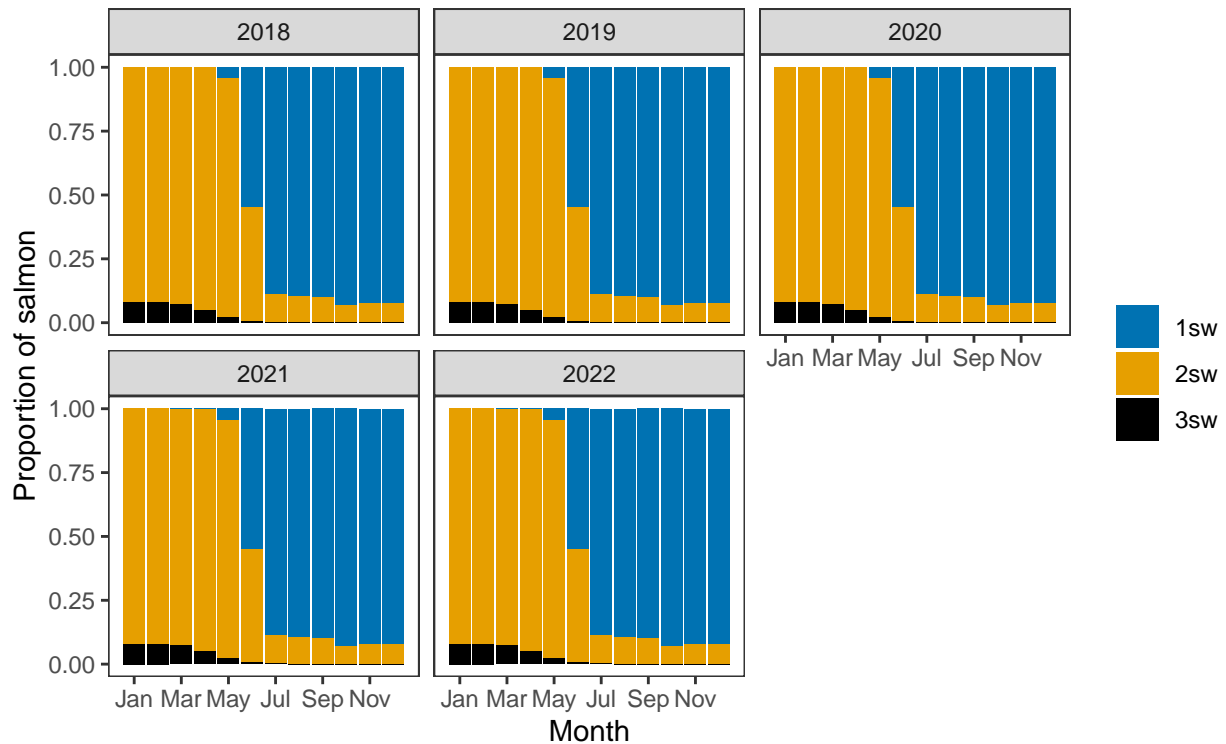
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

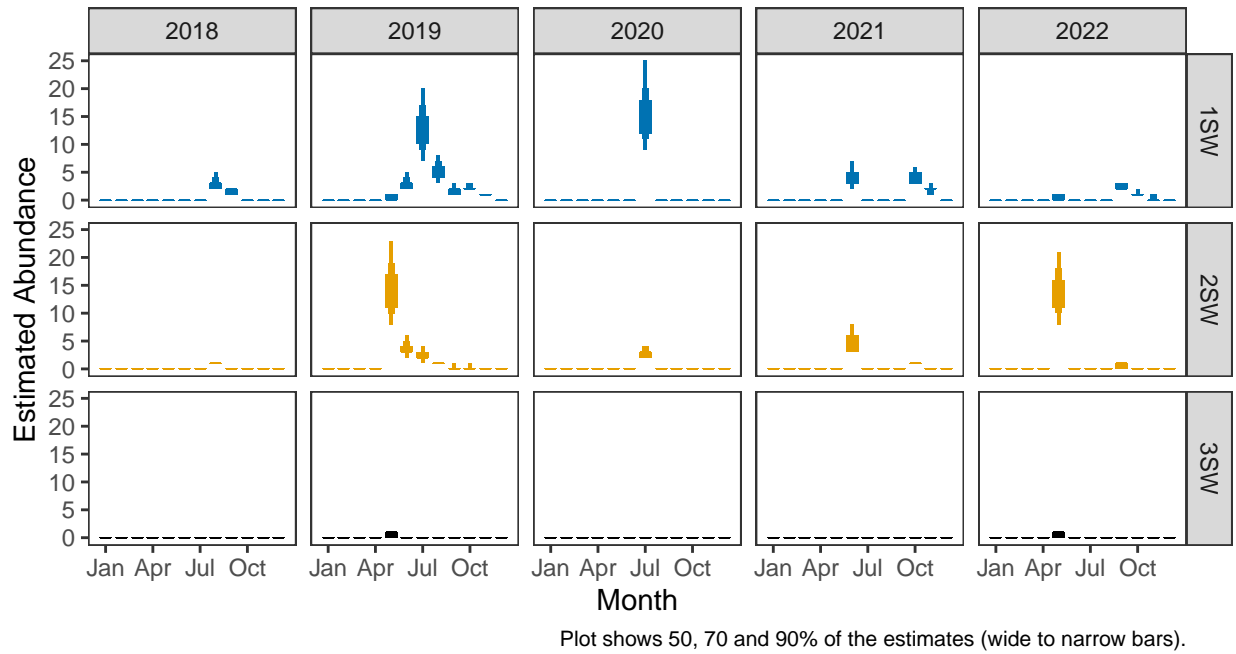


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

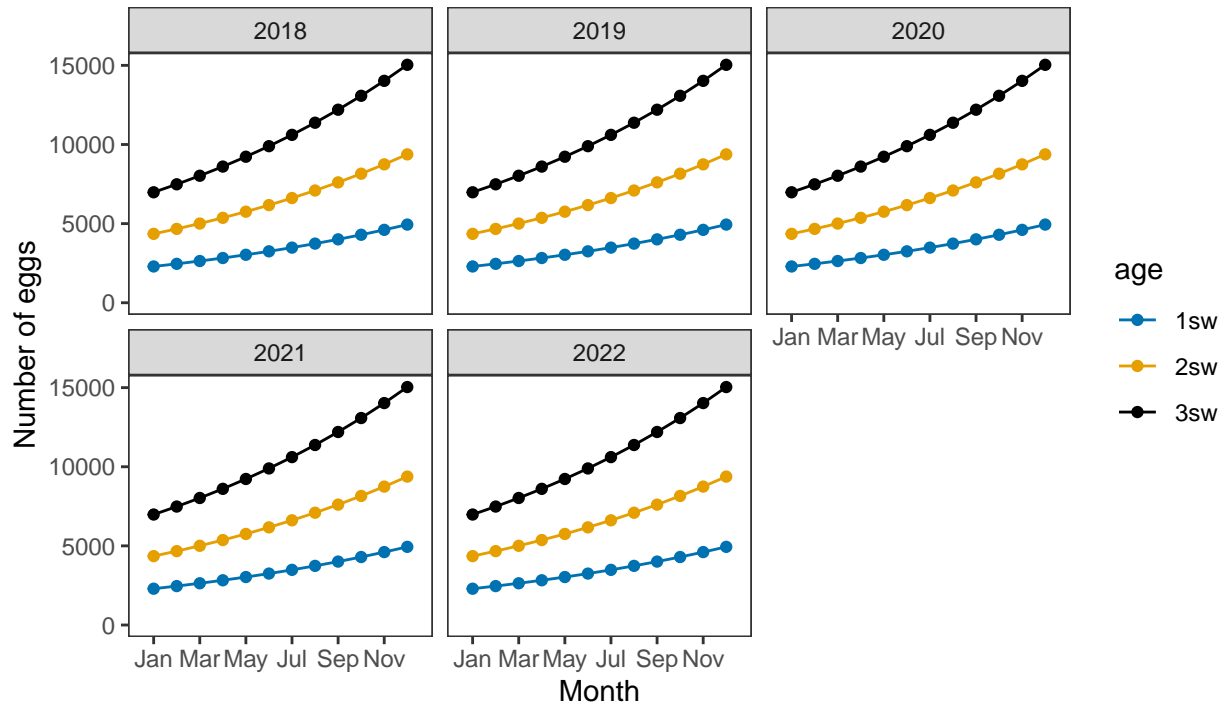


*Monthly number of spawning females*

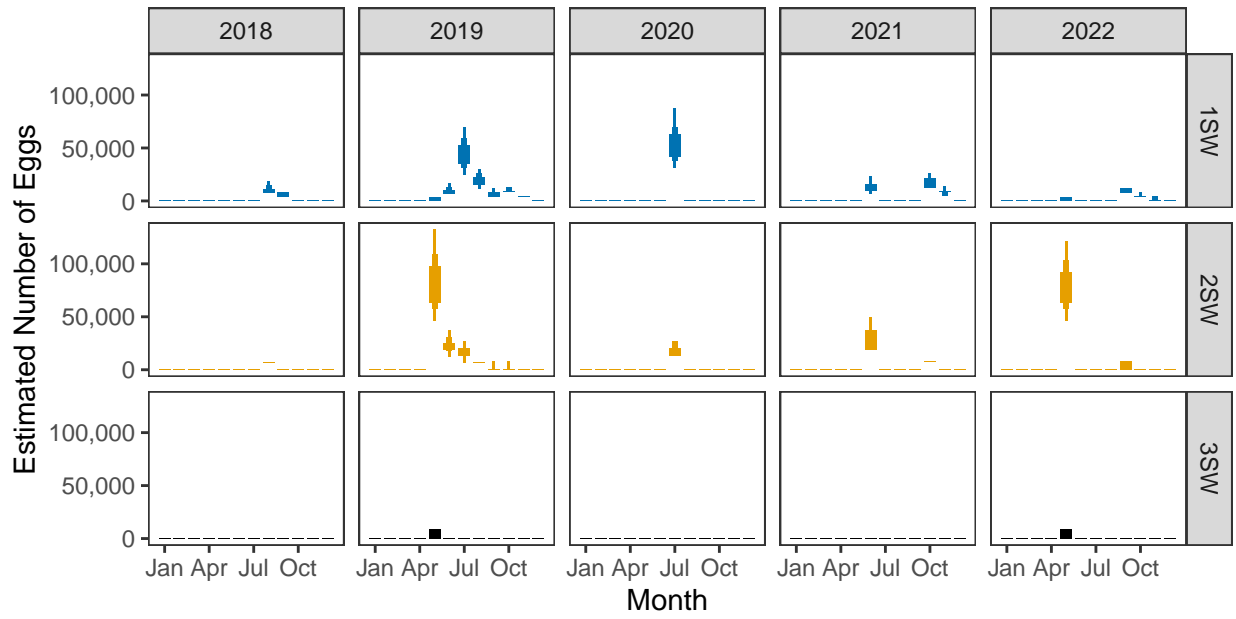


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

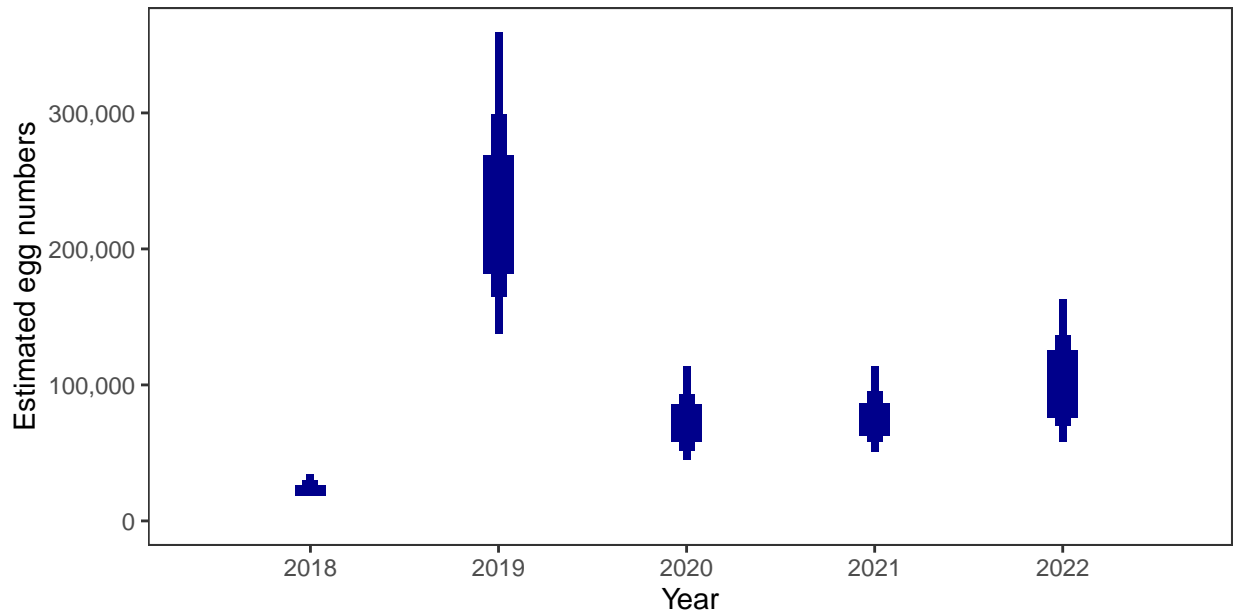


*Monthly number of eggs*



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).

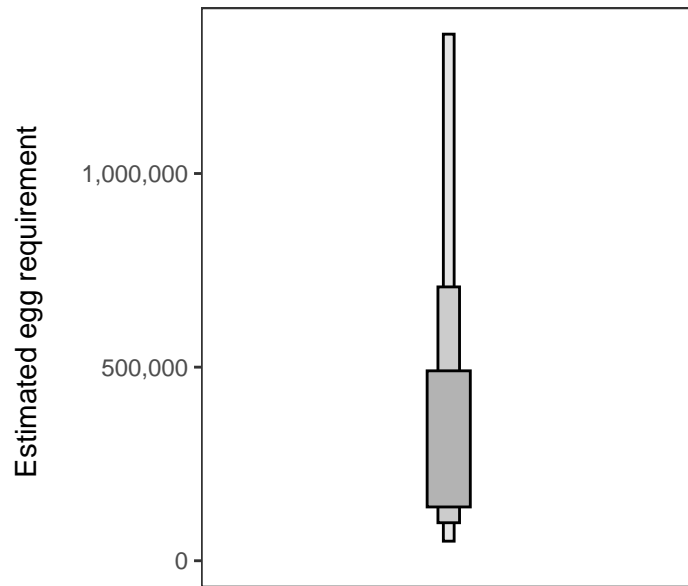
Year	Percentage above
2018	1.43
2019	43.19
2020	9.87
2021	10.31
2022	16.08

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

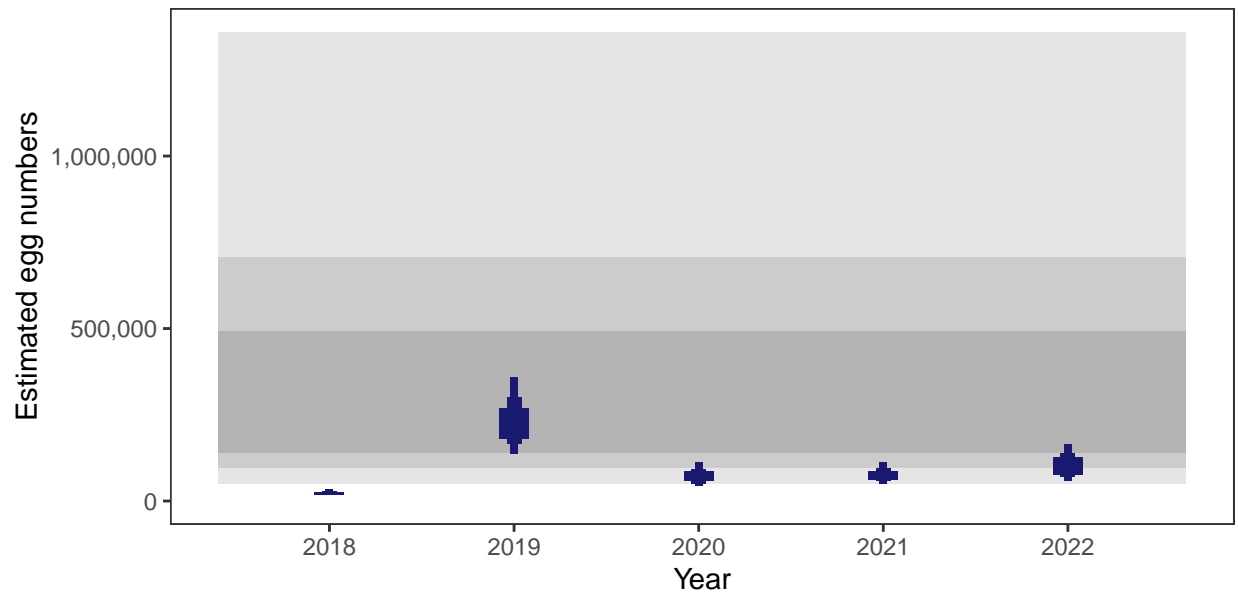
There is an estimated 115,024 square meters of known salmon habitat in the River Coe and a further 45,253 square meters where salmon may be present.

##### *Egg requirement*



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

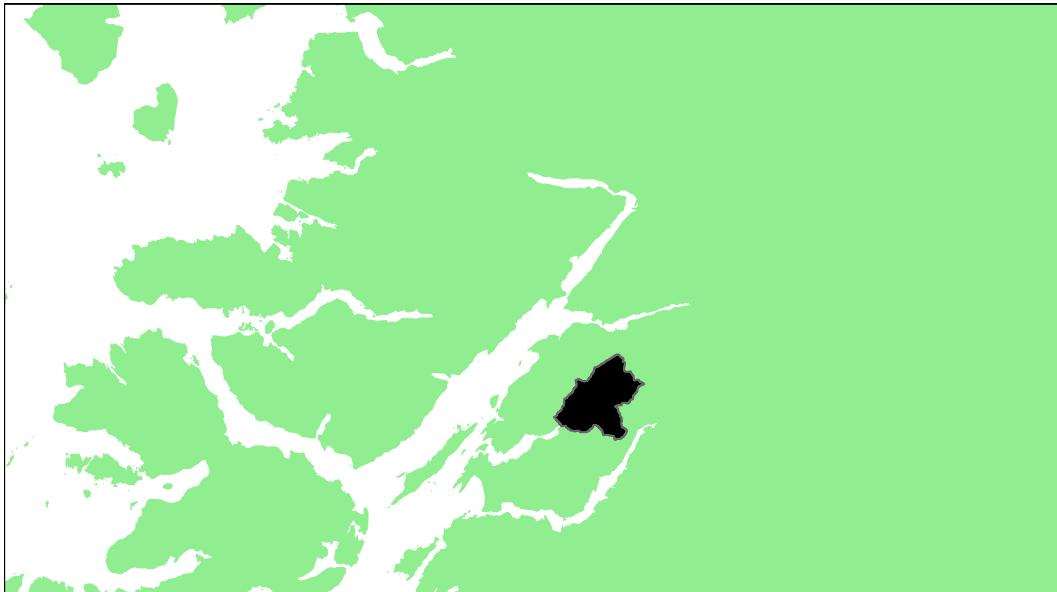
## 5. Percentage chance that the egg requirement has been reached



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 Creran: Grade 3



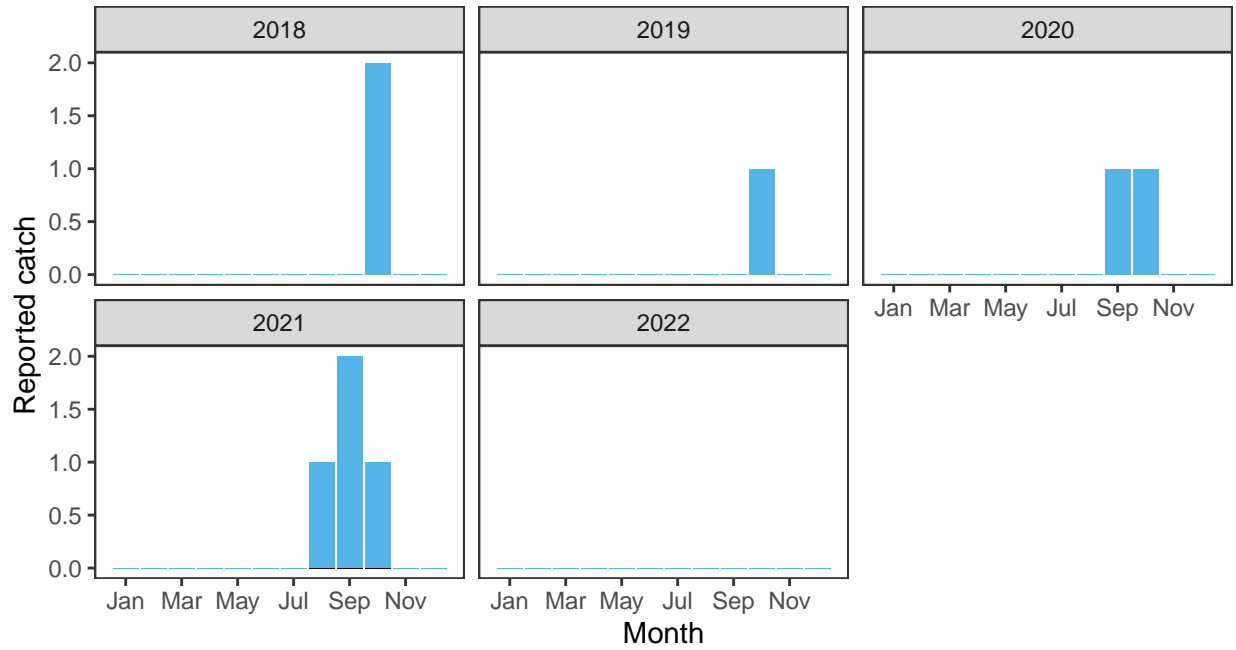
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.5	126,000	188,000	1.34	0.3	4.34	13.01	0	0.03798	3

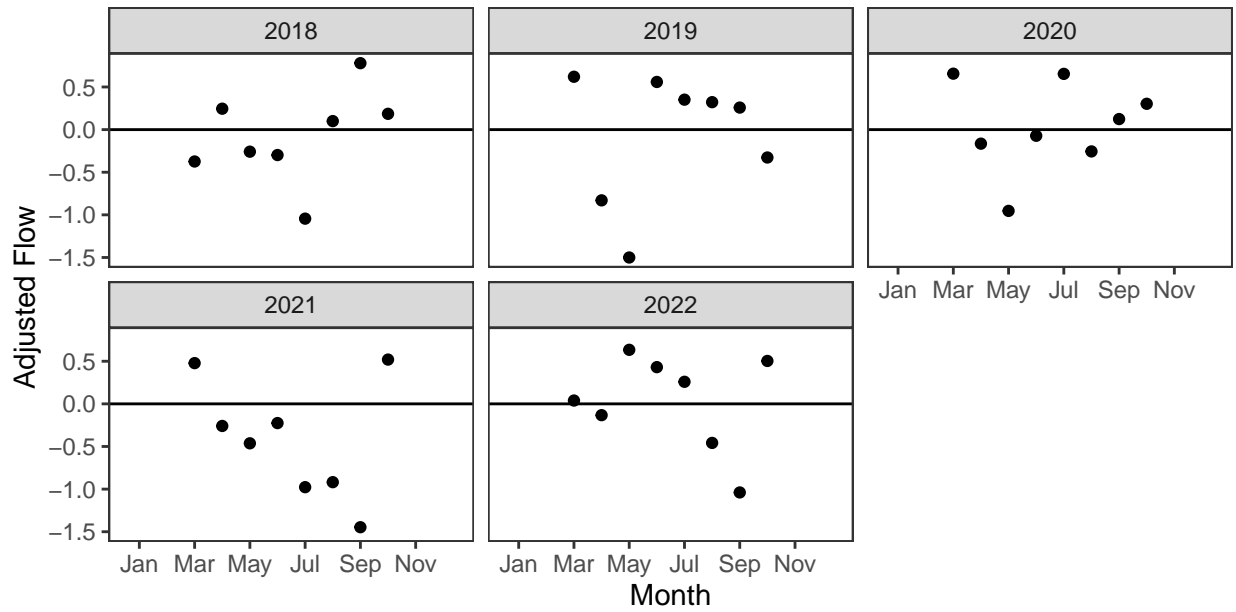
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

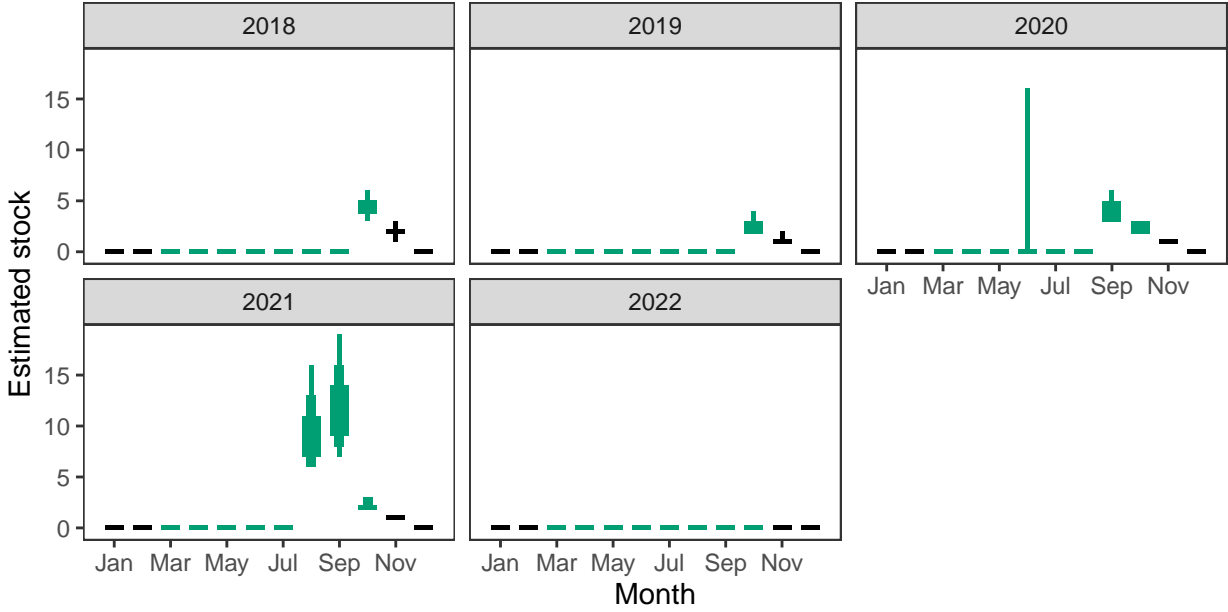
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

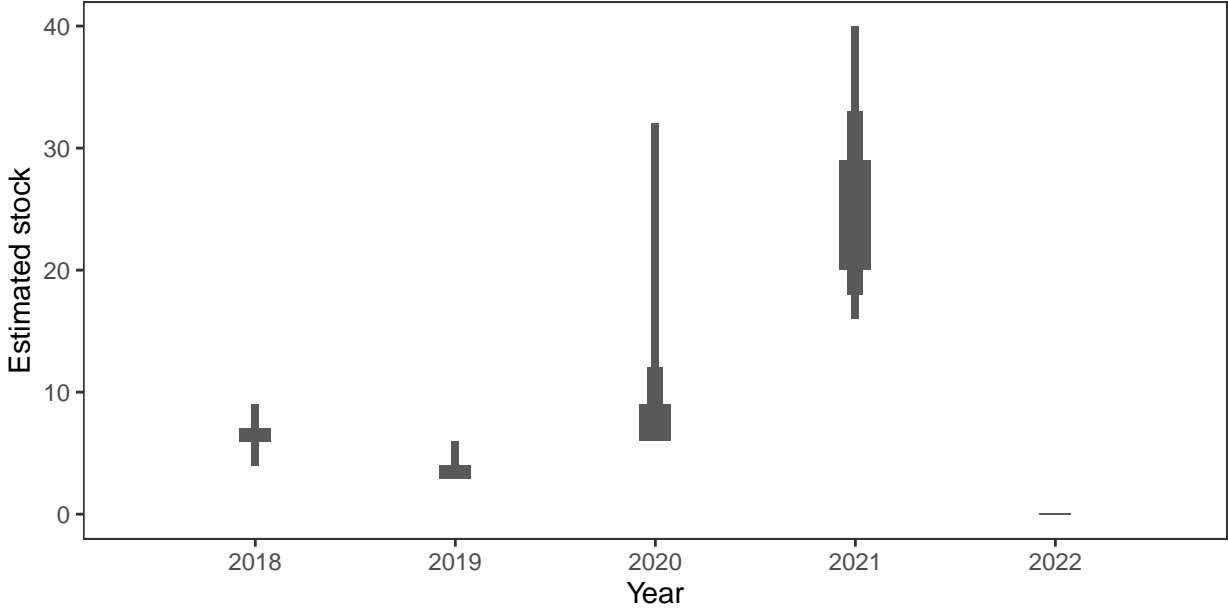


*Monthly stock estimates (out of season in black)*



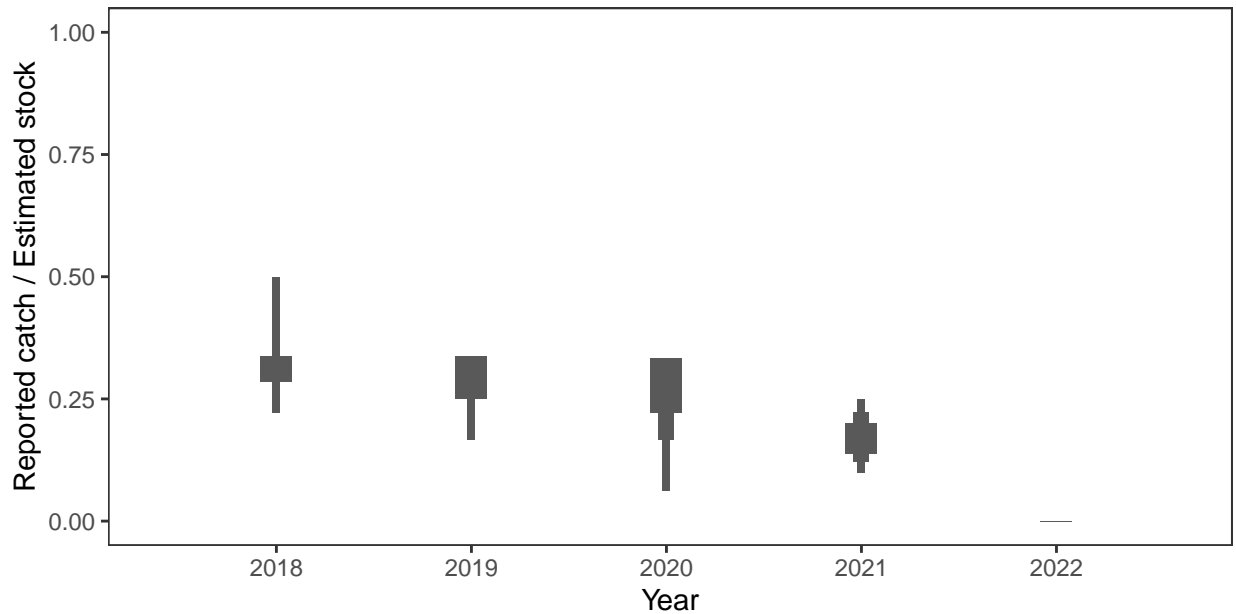
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



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

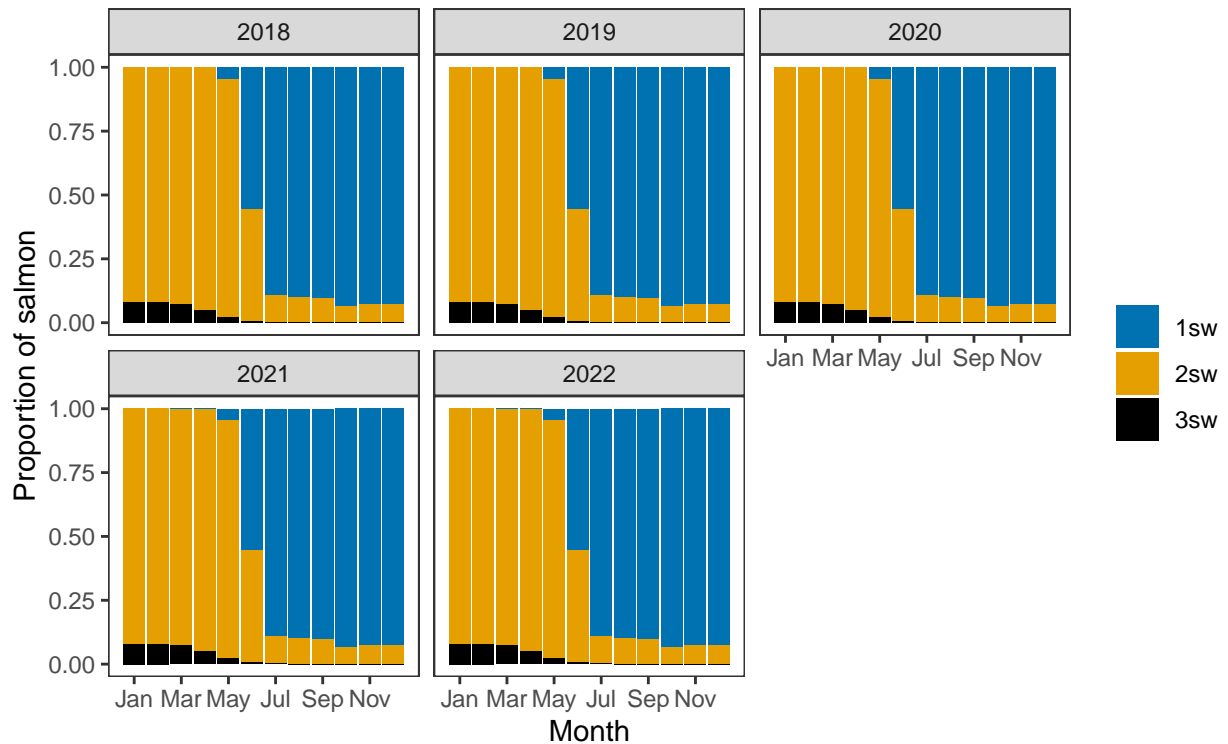
*Annual catch as a proportion of stock*



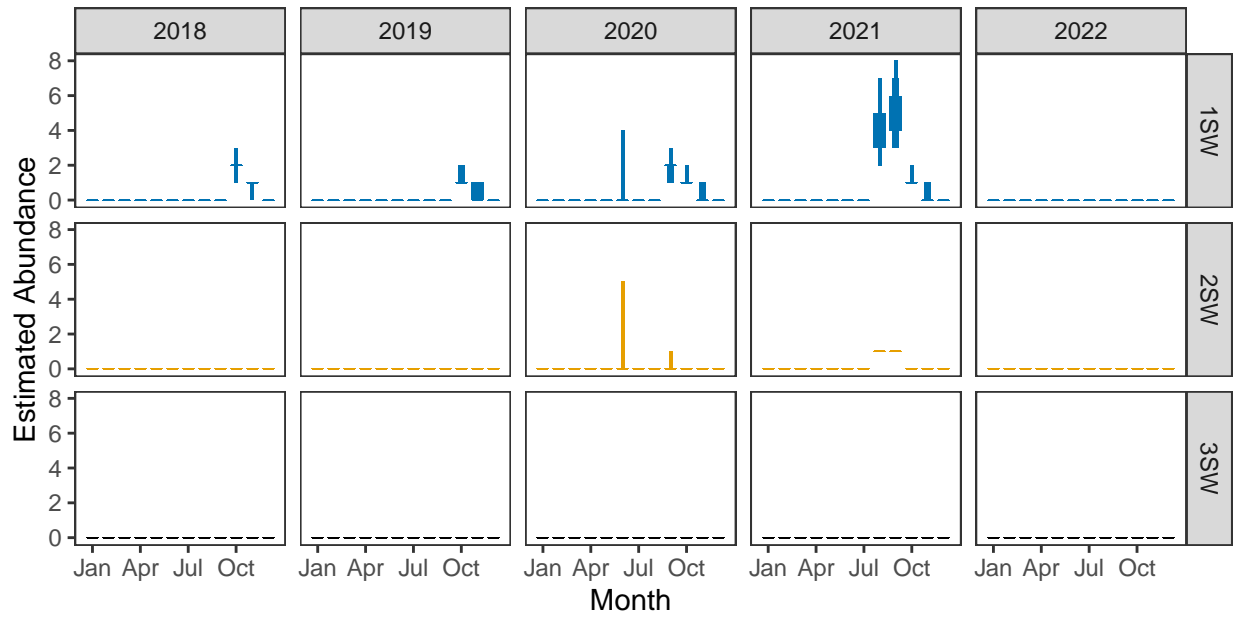
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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

*Ages of fish*



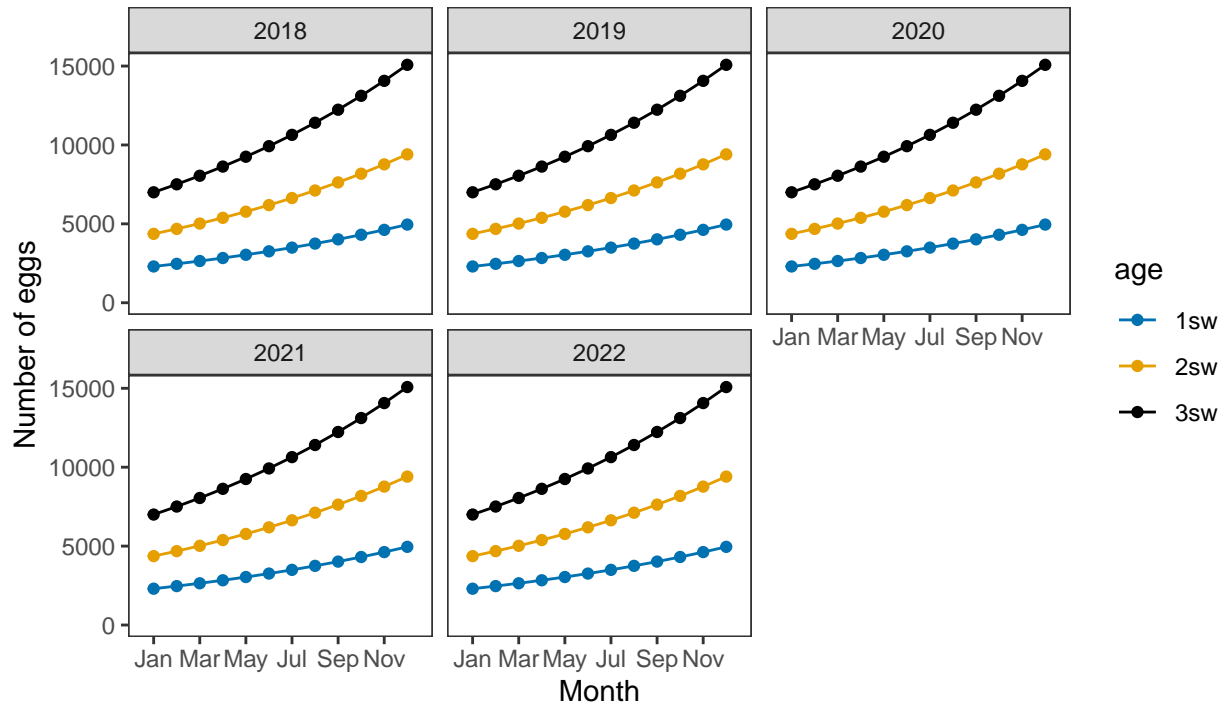
*Monthly number of spawning females*



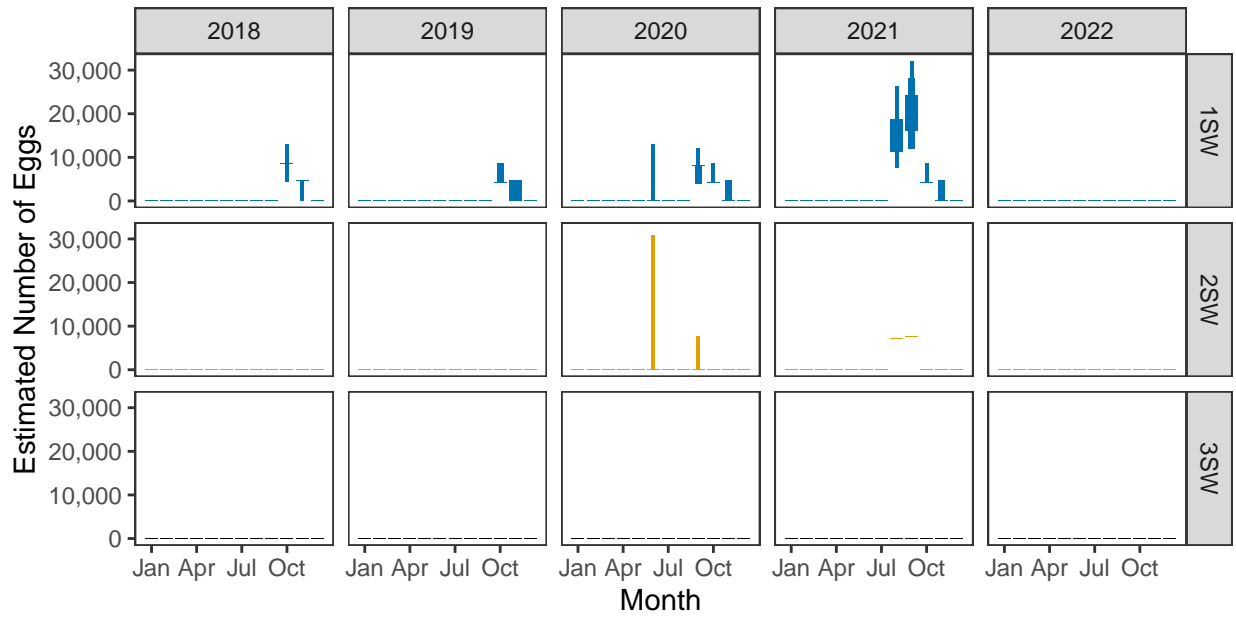
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

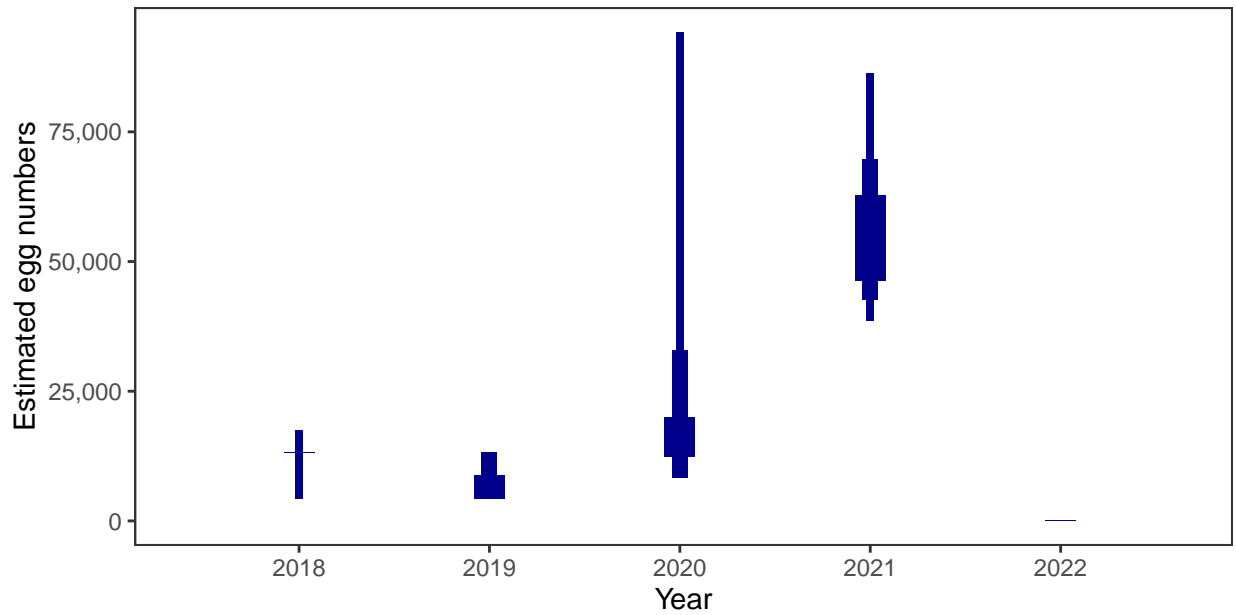


*Monthly number of eggs*



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).

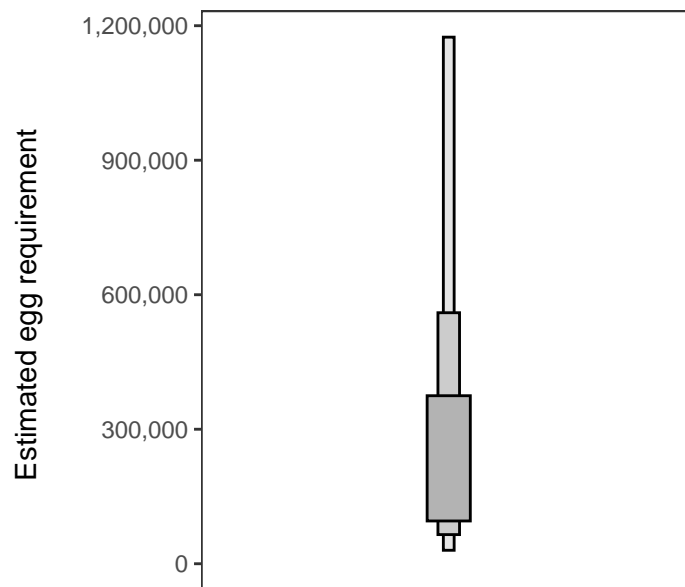
Year	Percentage above
2018	1.34
2019	0.30
2020	4.34
2021	13.01
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

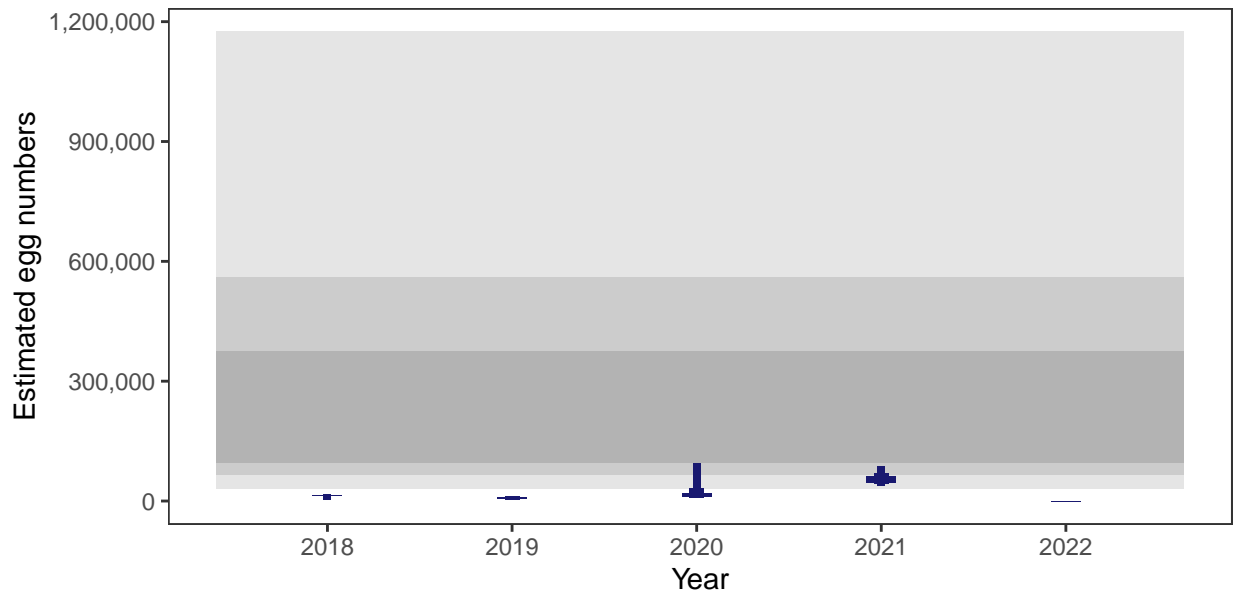
There is an estimated 131,511 square meters of known salmon habitat in the River Creran and a further 22,546 square meters where salmon may be present.

##### *Egg requirement*



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

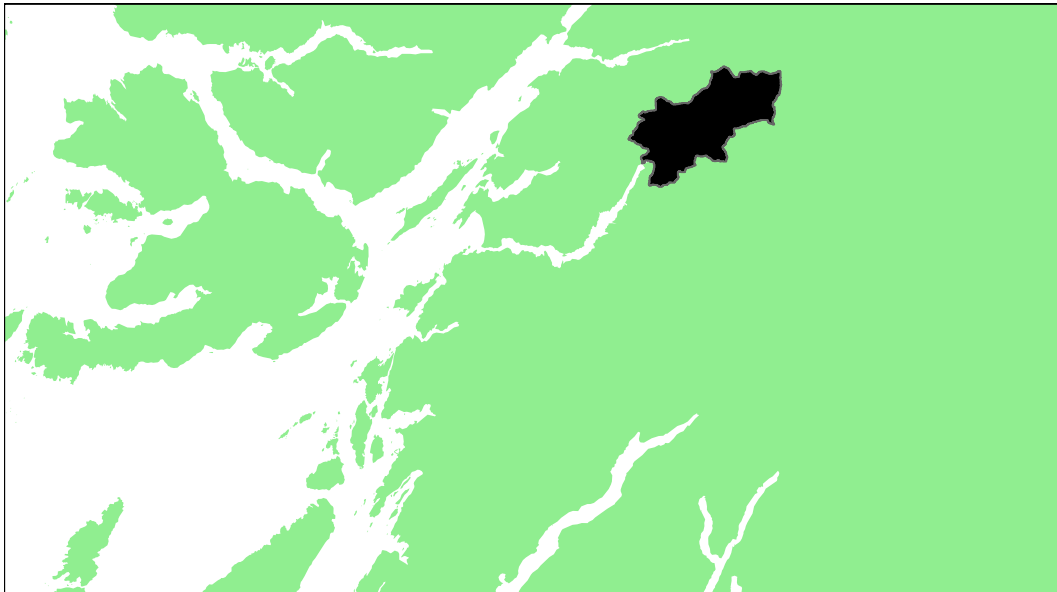
### 5. Percentage chance that the egg requirement has been reached



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 Etive: Grade 2



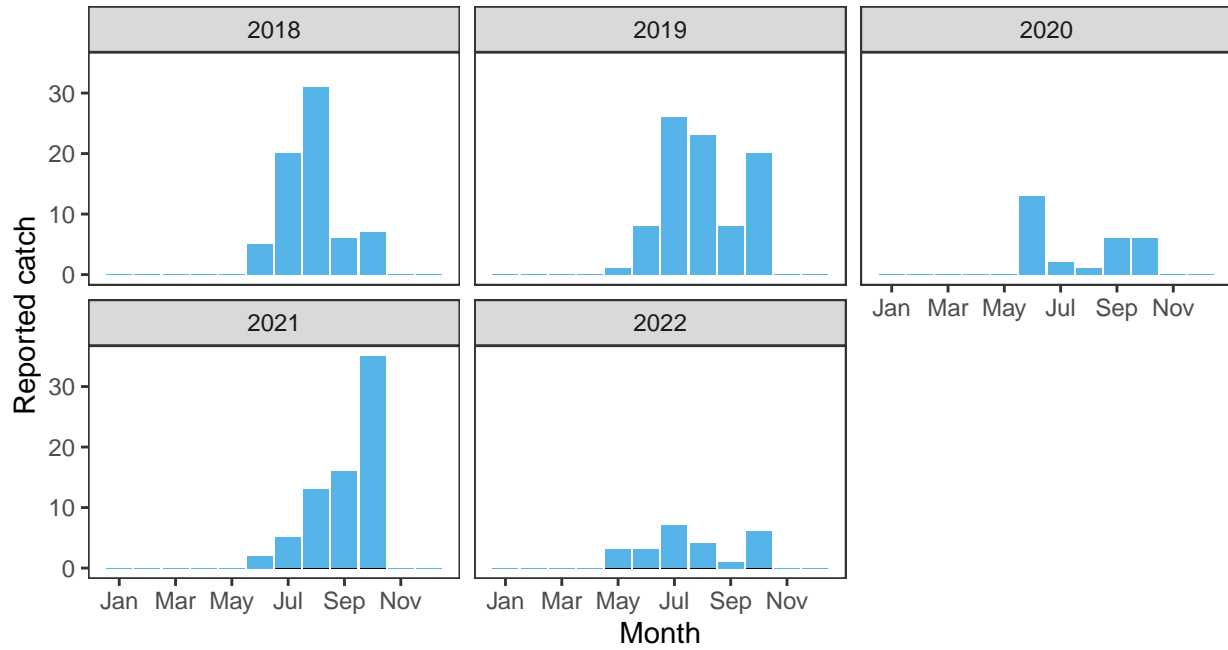
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.1	224,000	468,000	84.85	85.09	73.24	77.09	50.99	0.74252	2

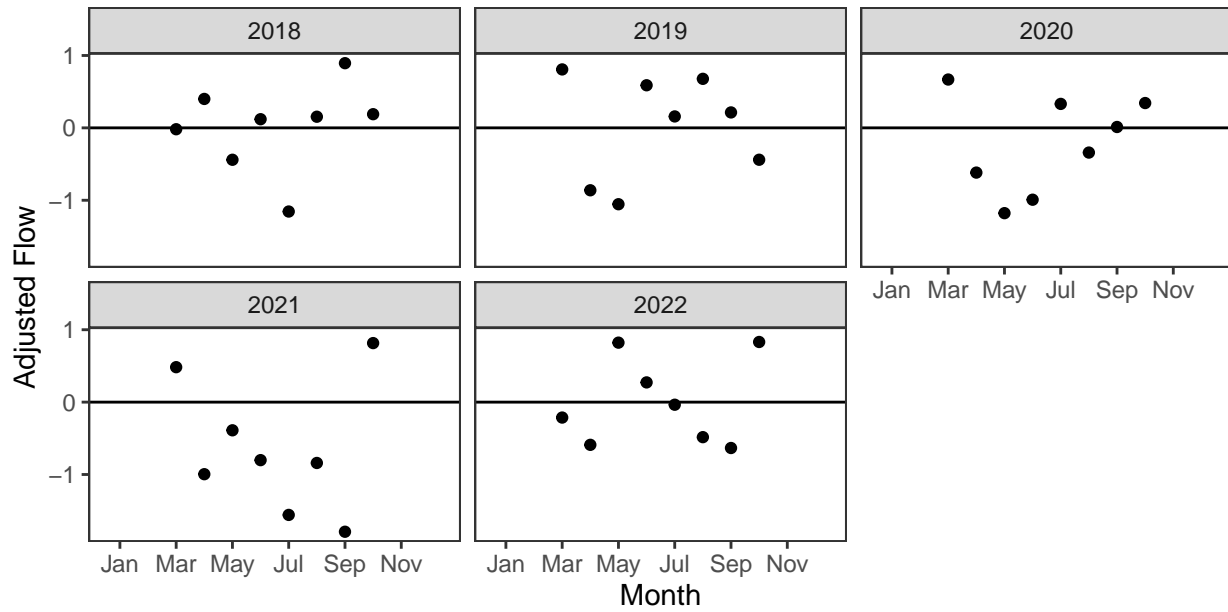
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

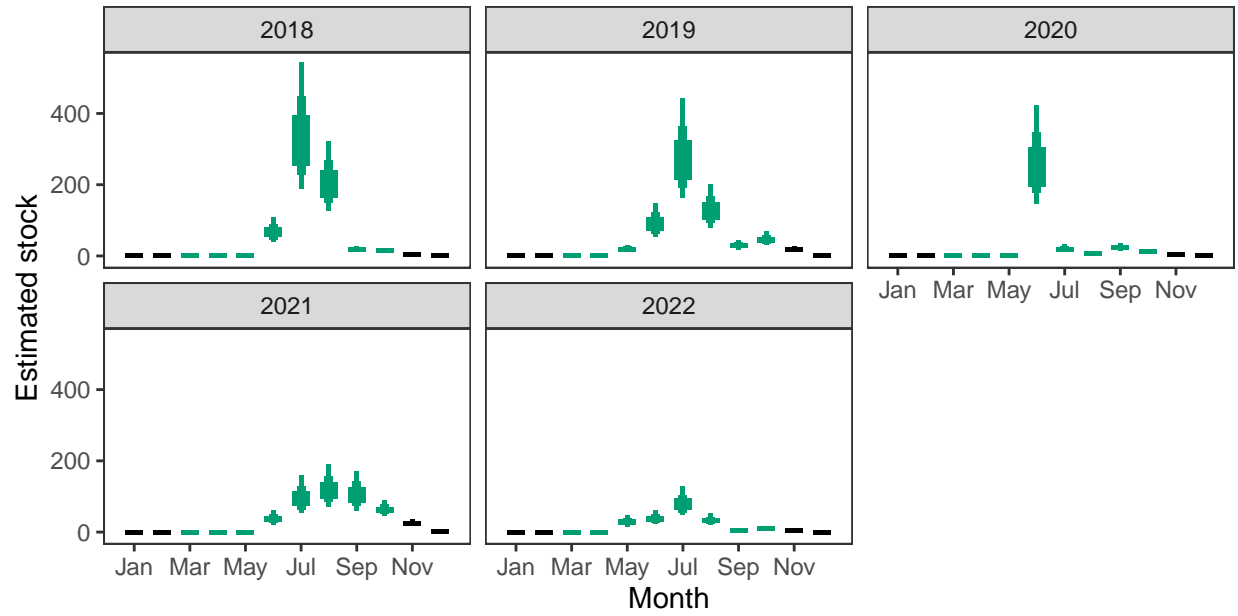
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

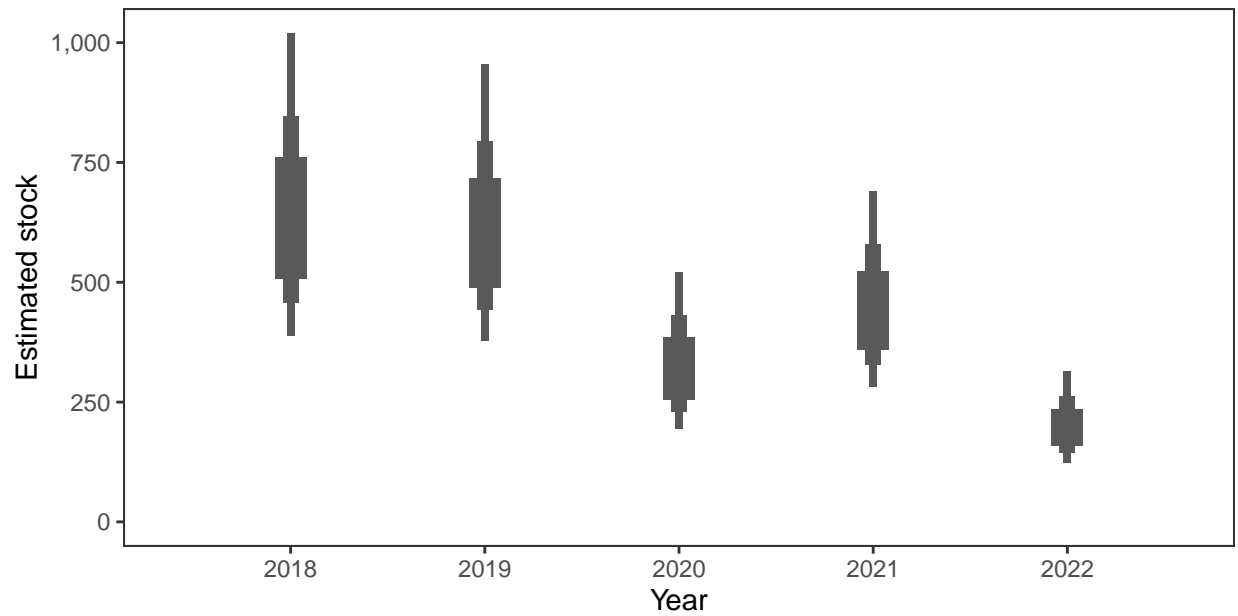


*Monthly stock estimates (out of season in black)*



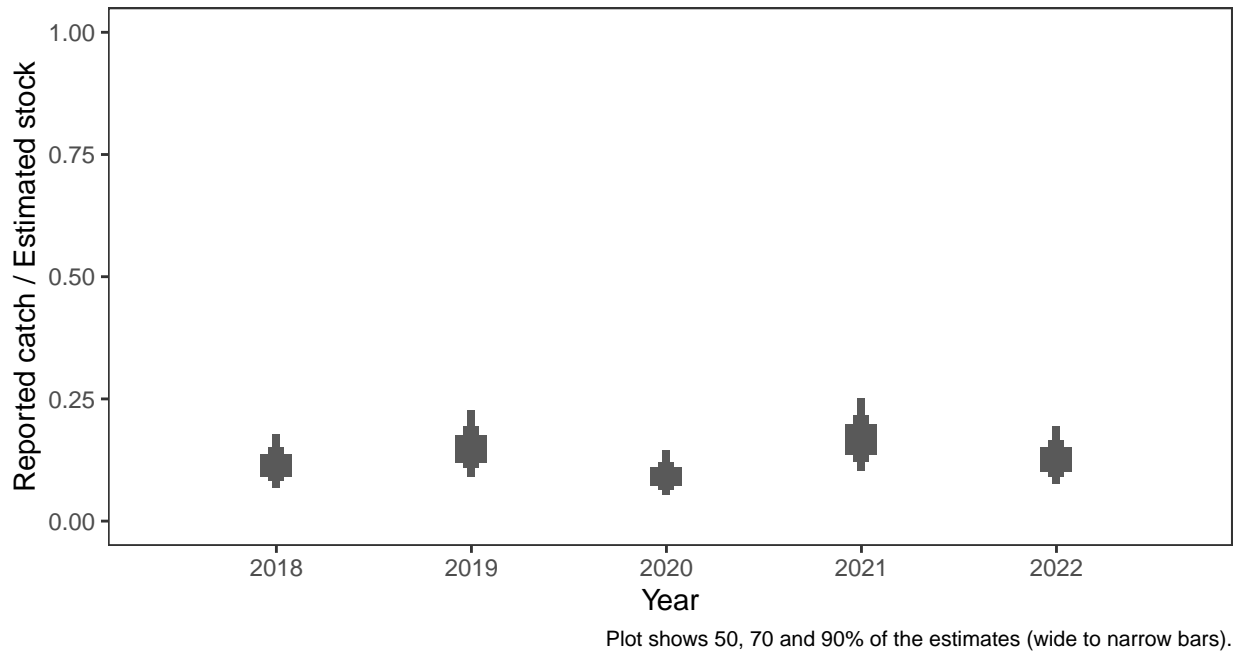
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



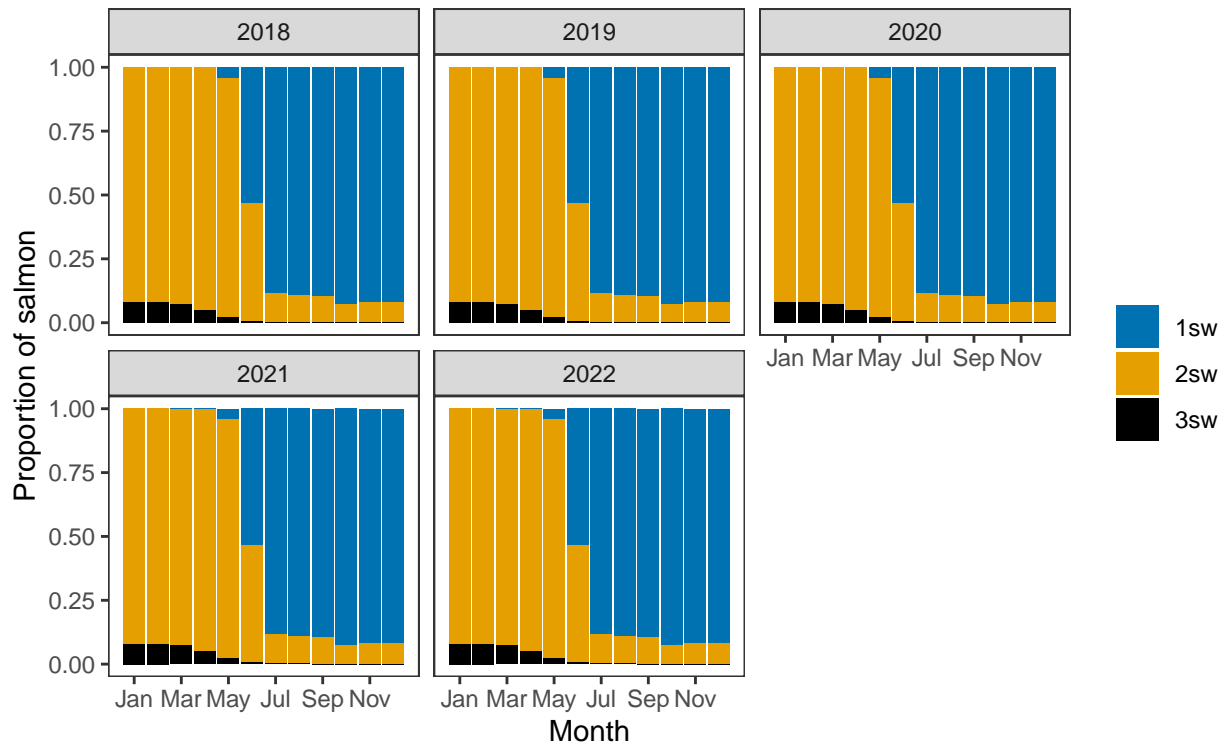
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

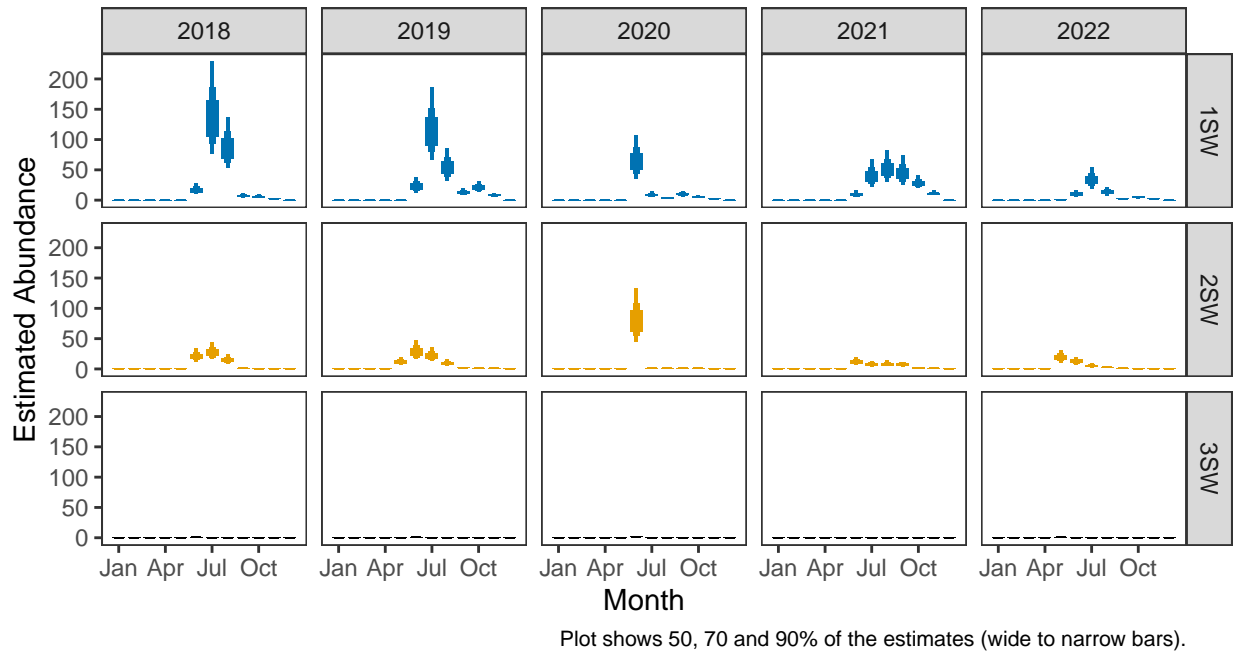


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

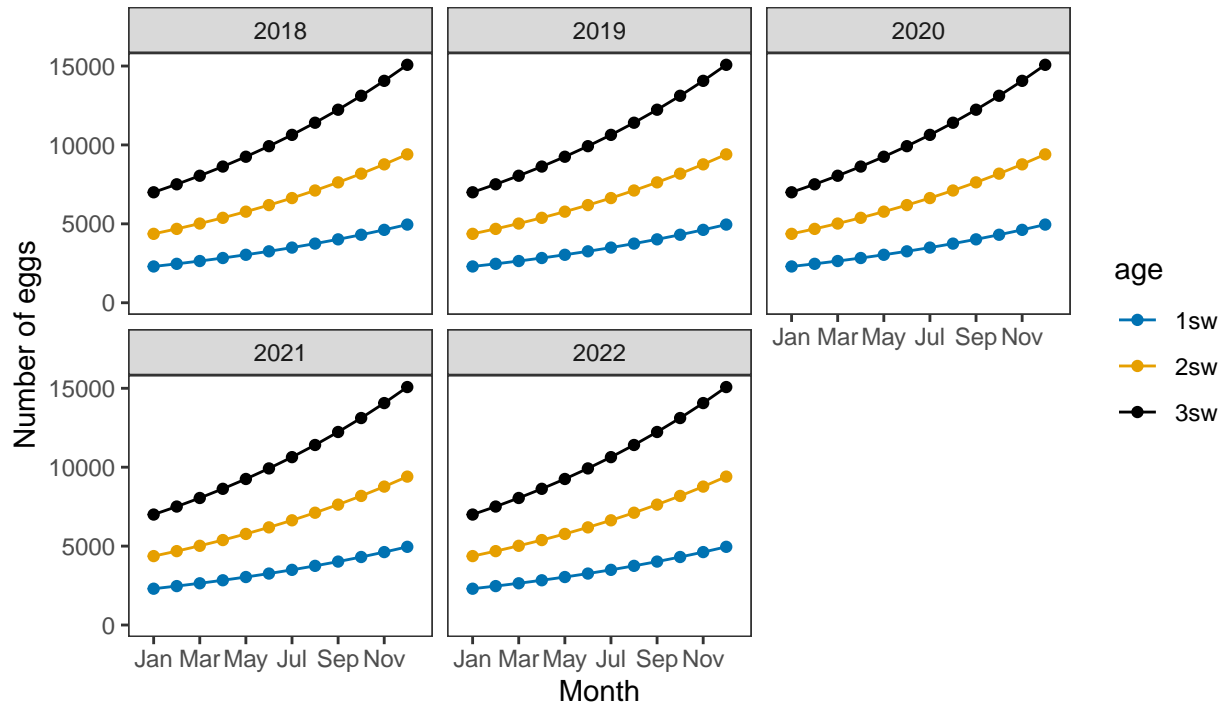


*Monthly number of spawning females*

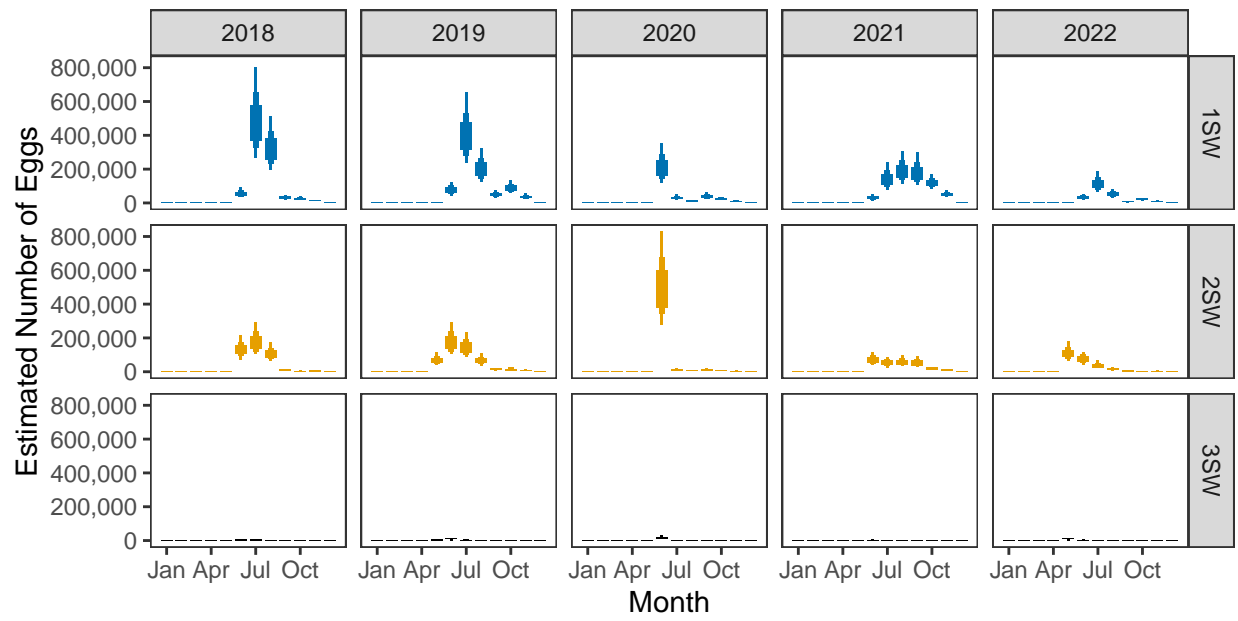


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

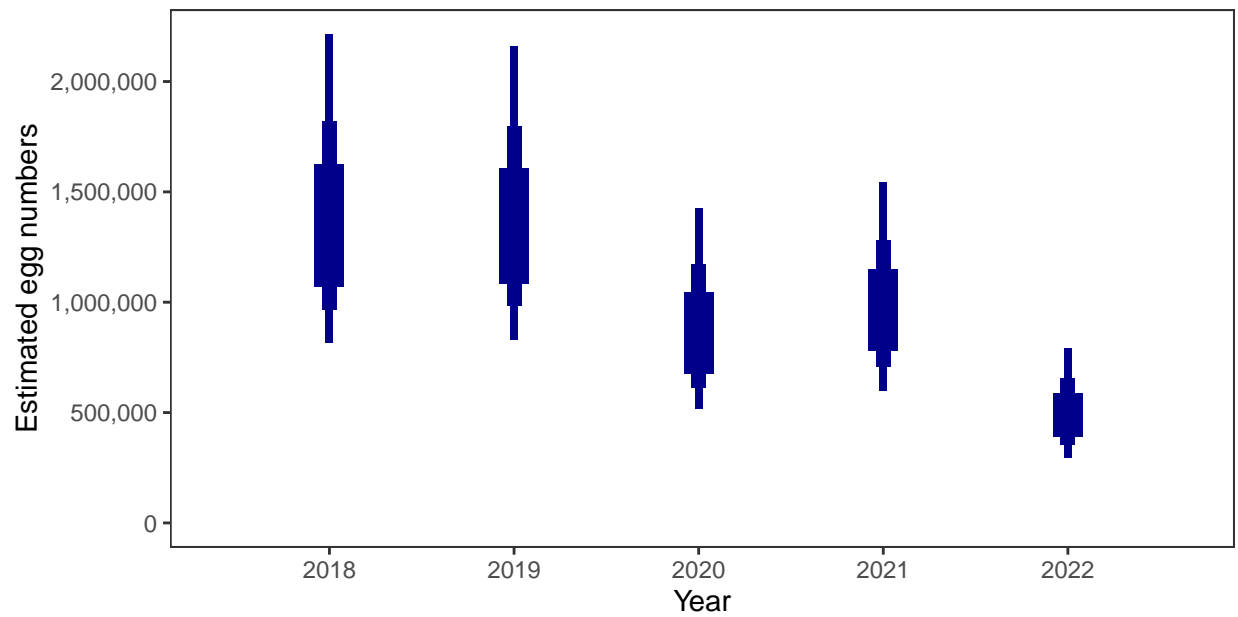


*Monthly number of eggs*



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).

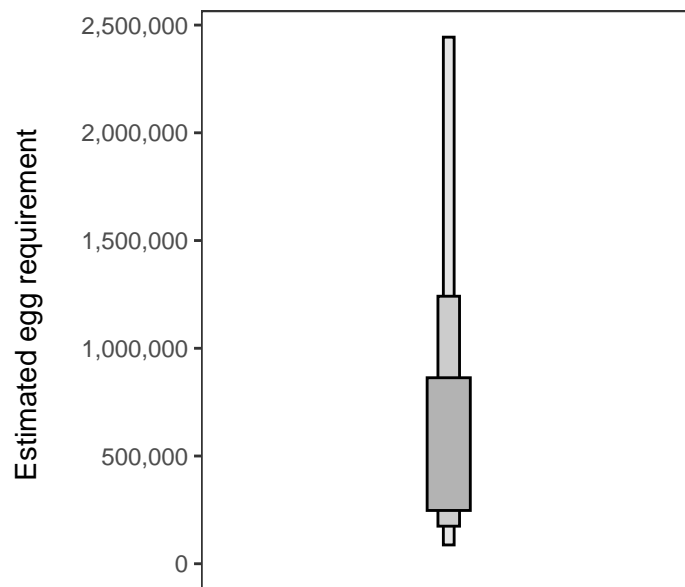
Year	Percentage above
2018	84.85
2019	85.09
2020	73.24
2021	77.09
2022	50.99

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

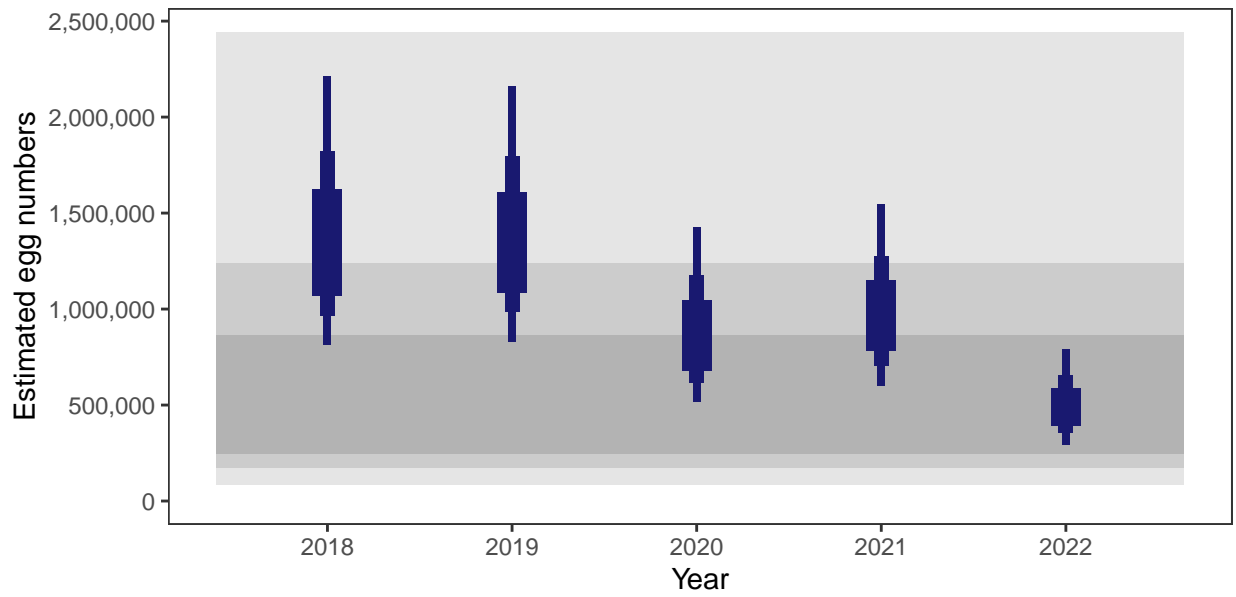
There is an estimated 246,843 square meters of known salmon habitat in the River Etive and a further 15,713 square meters where salmon may be present.

##### *Egg requirement*



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

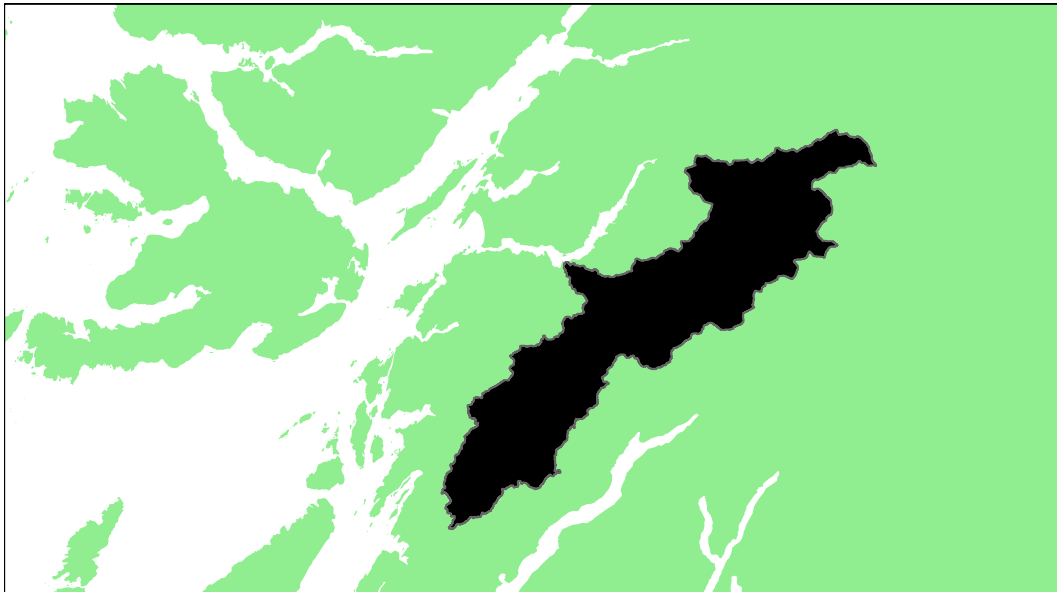
### 5. Percentage chance that the egg requirement has been reached



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 Awe: Grade 3



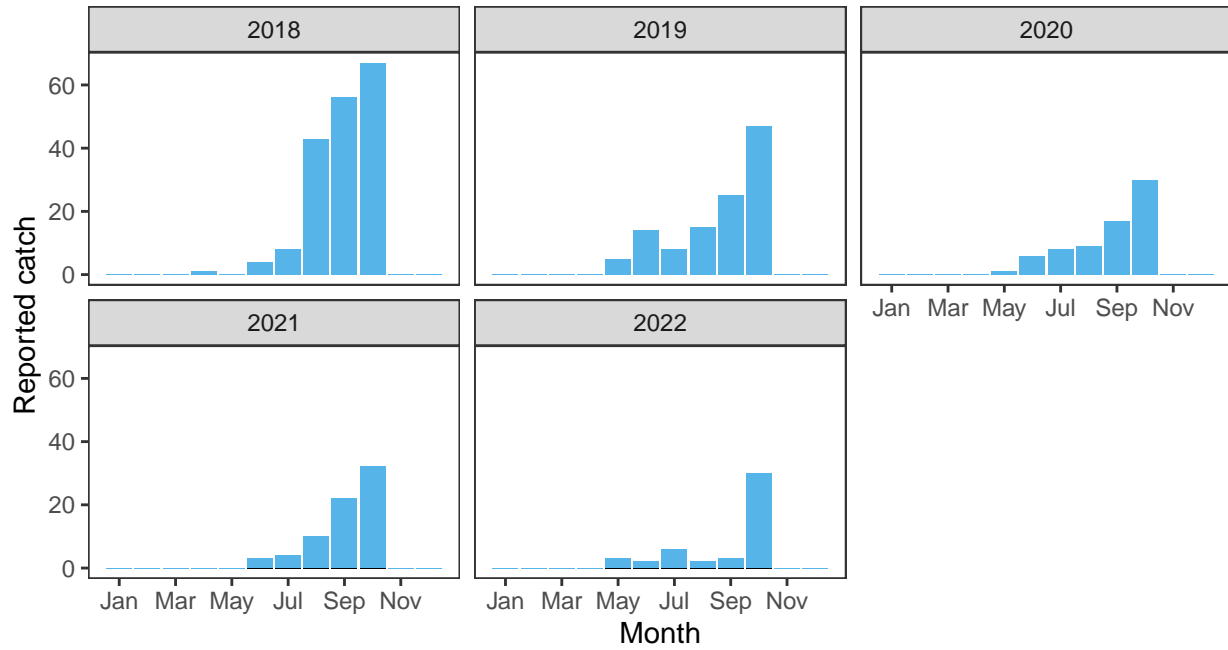
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.82	1,976,000	3,606,000	1.25	0.09	0	0.01	0	0.0027	3

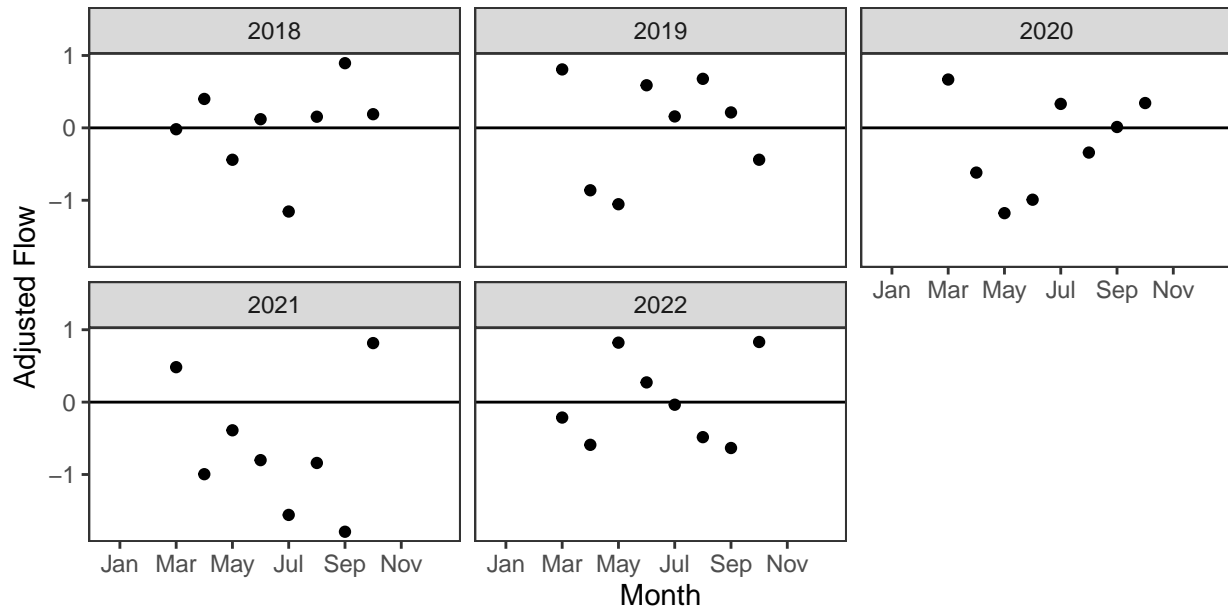
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

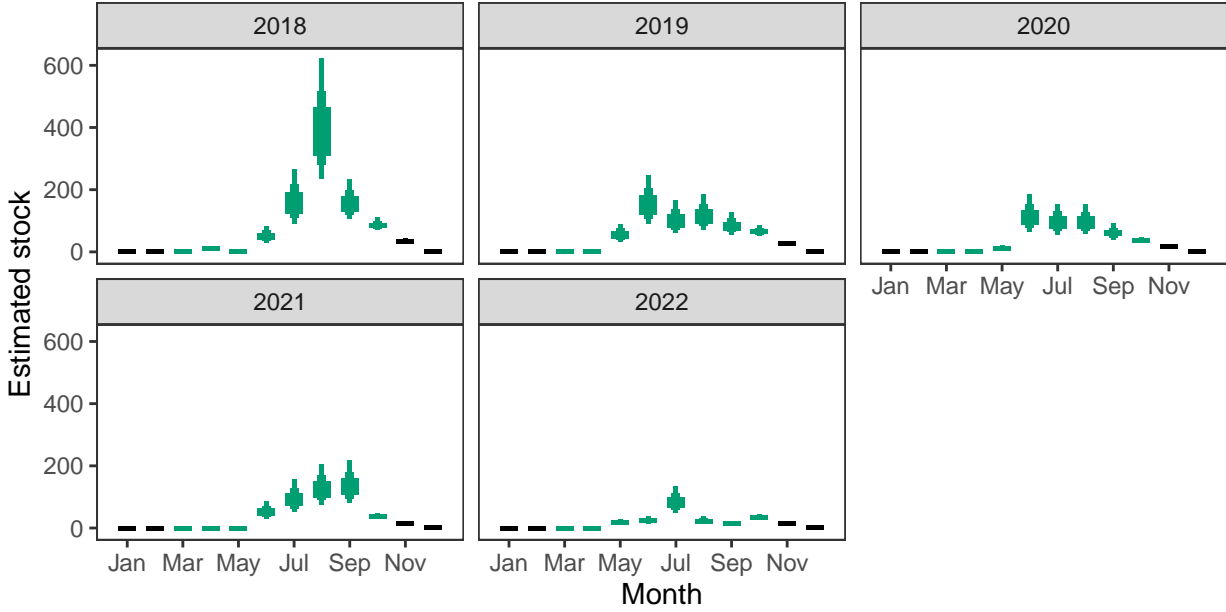
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

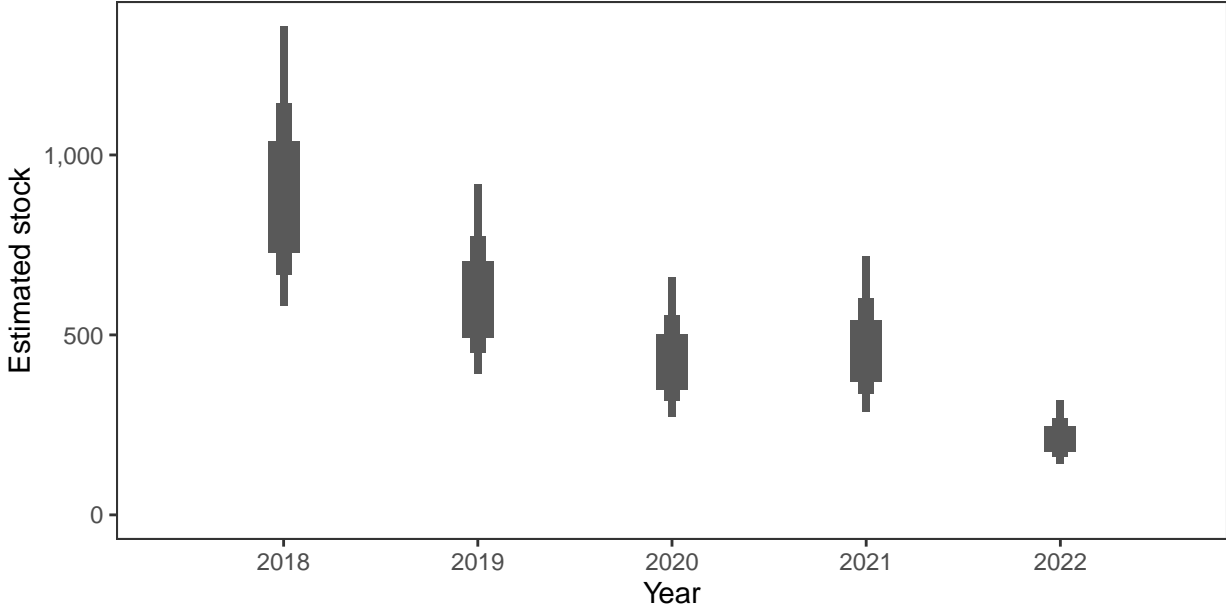


*Monthly stock estimates (out of season in black)*



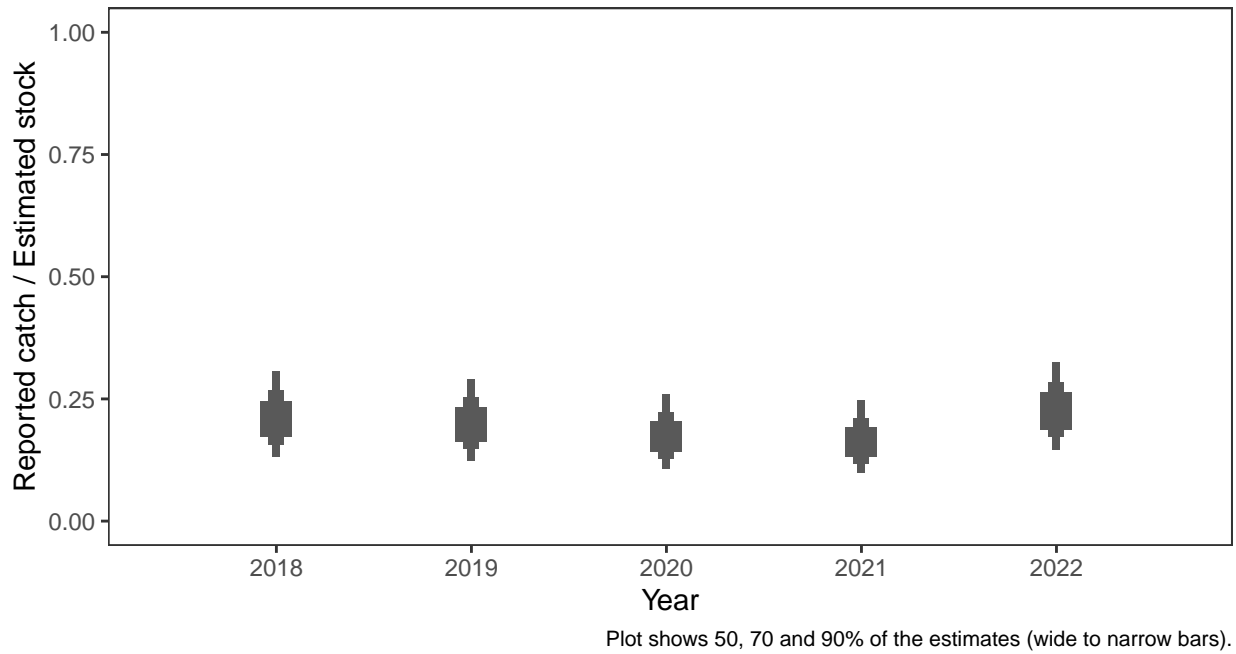
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



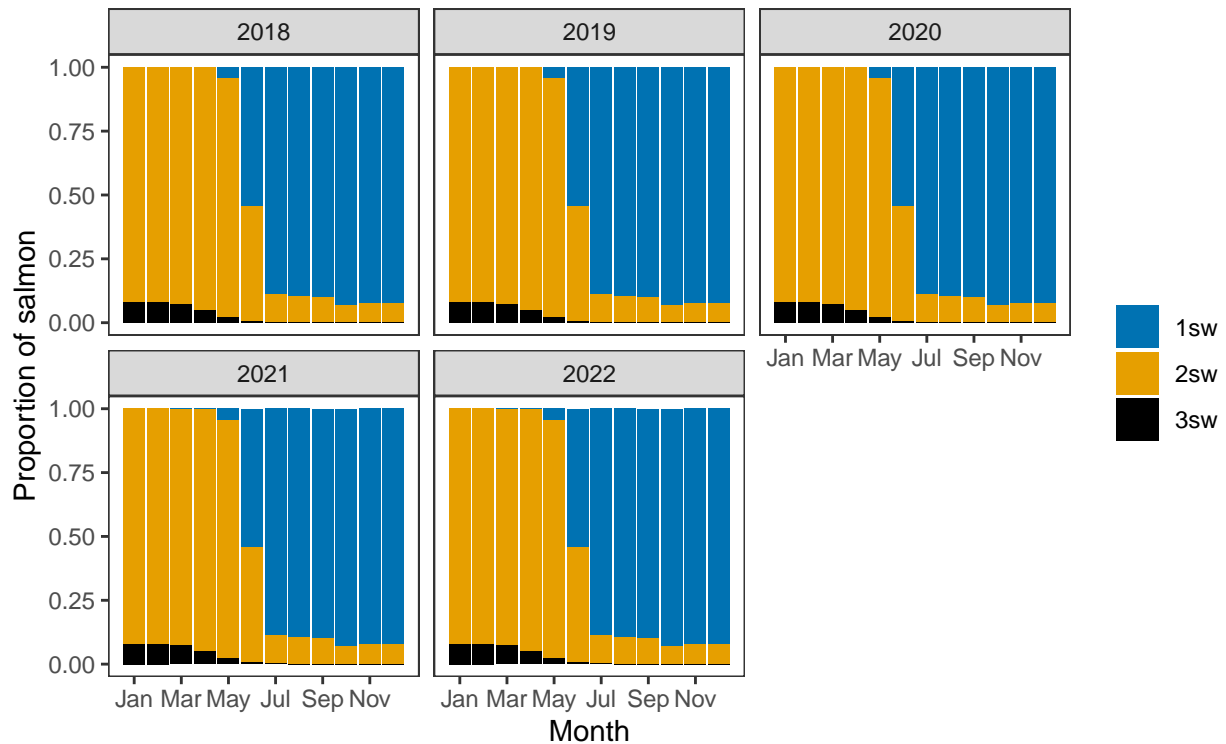
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

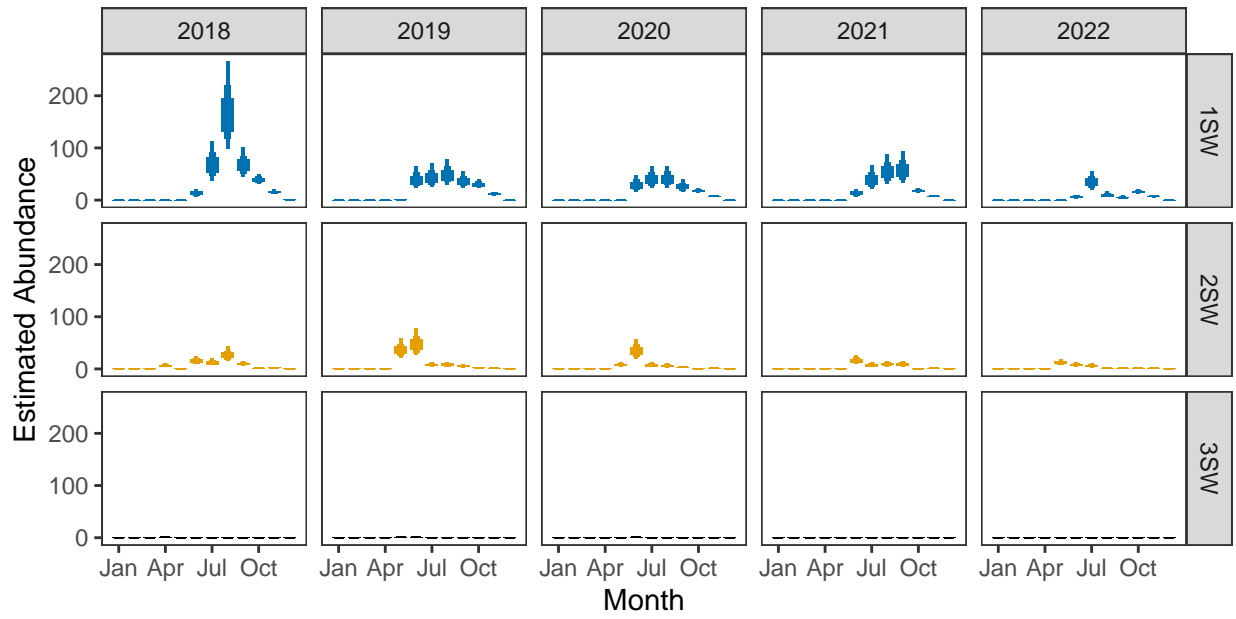


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



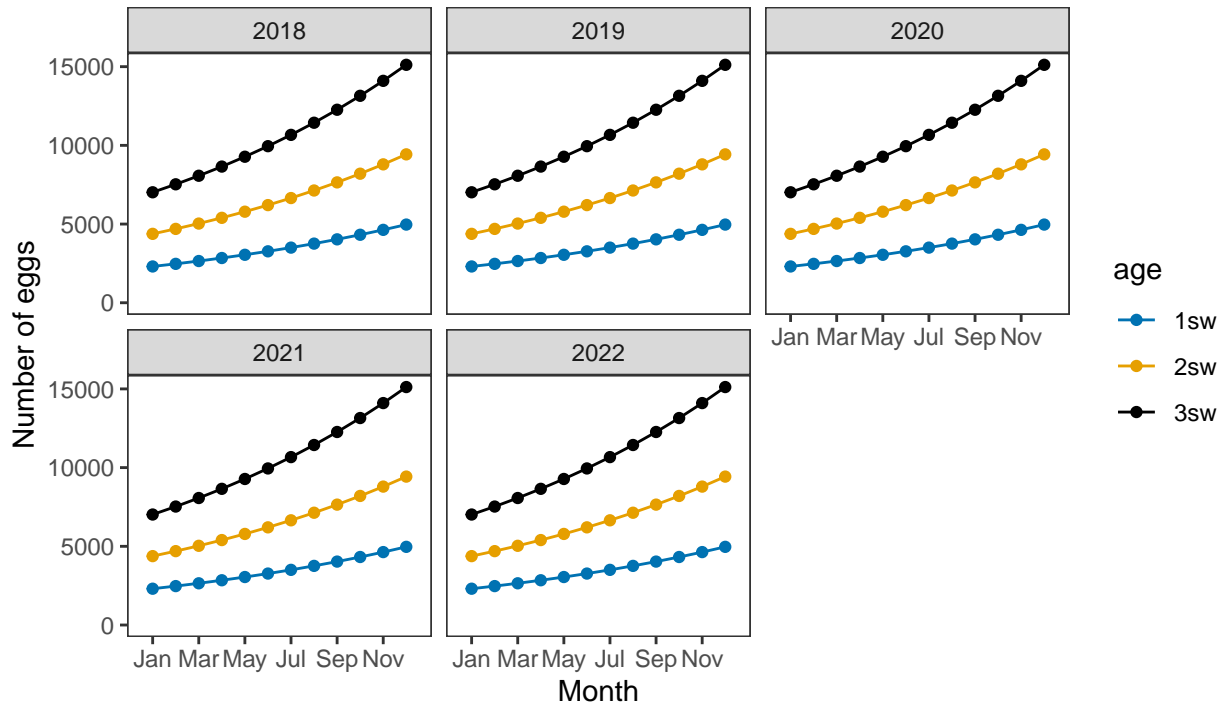
*Monthly number of spawning females*



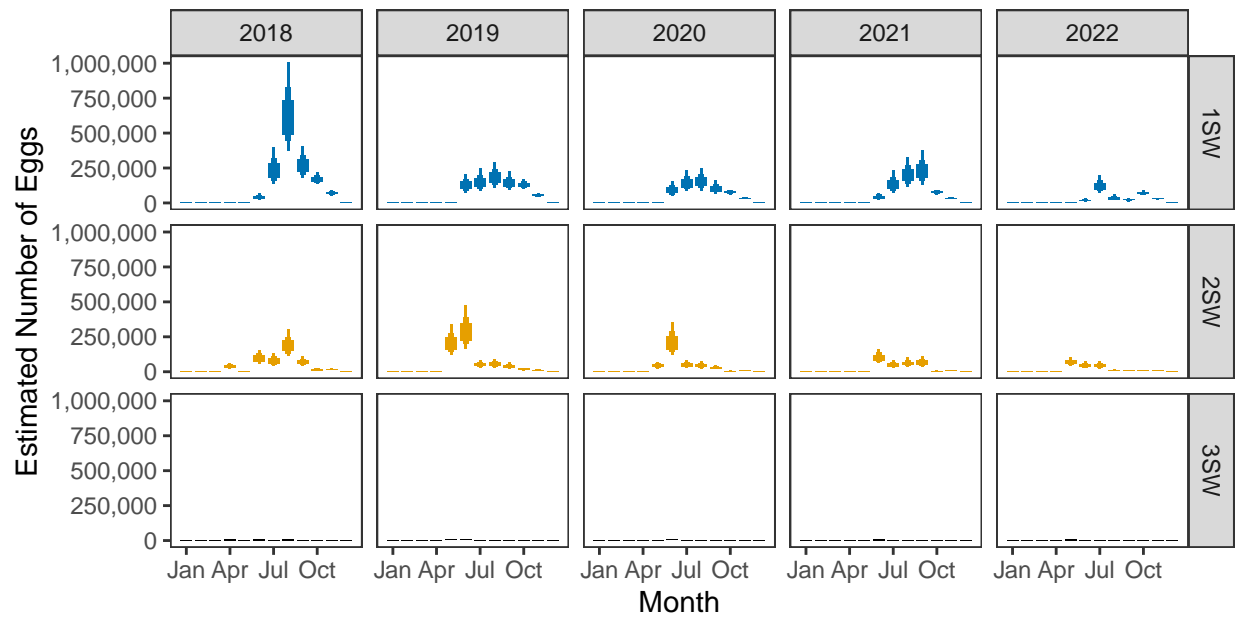
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

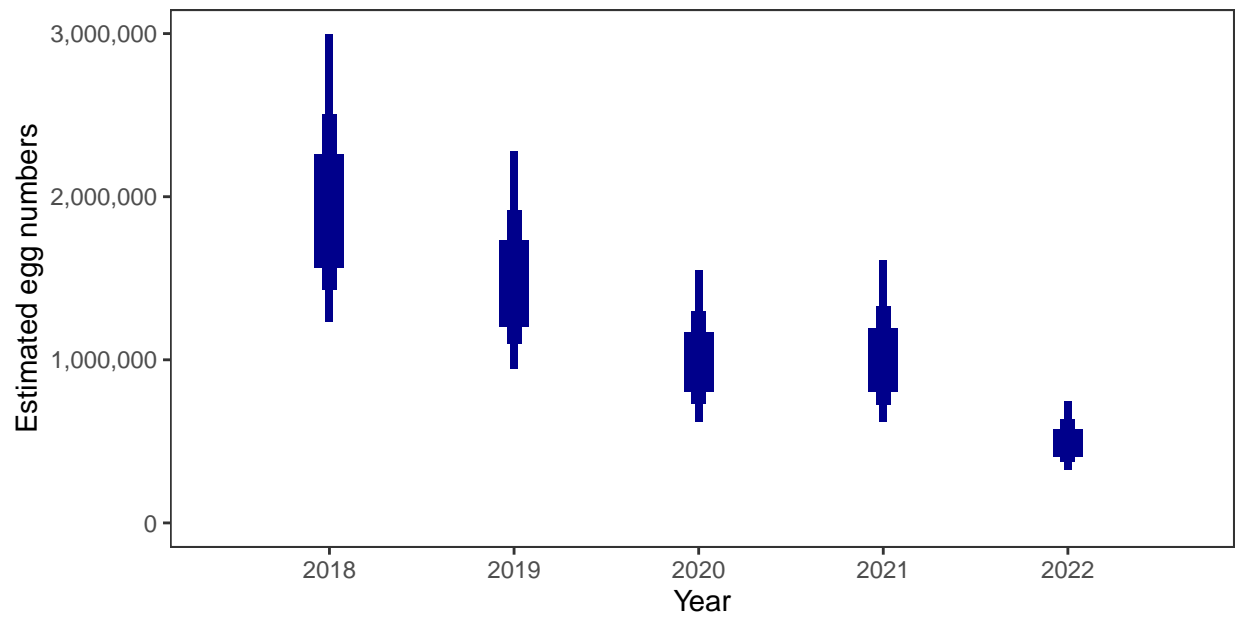


*Monthly number of eggs*



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).

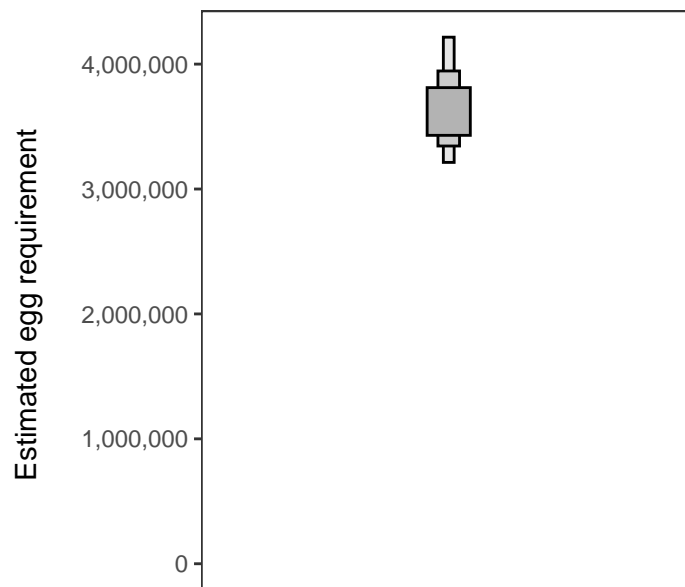
Year	Percentage above
2018	1.25
2019	0.09
2020	-
2021	0.01
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

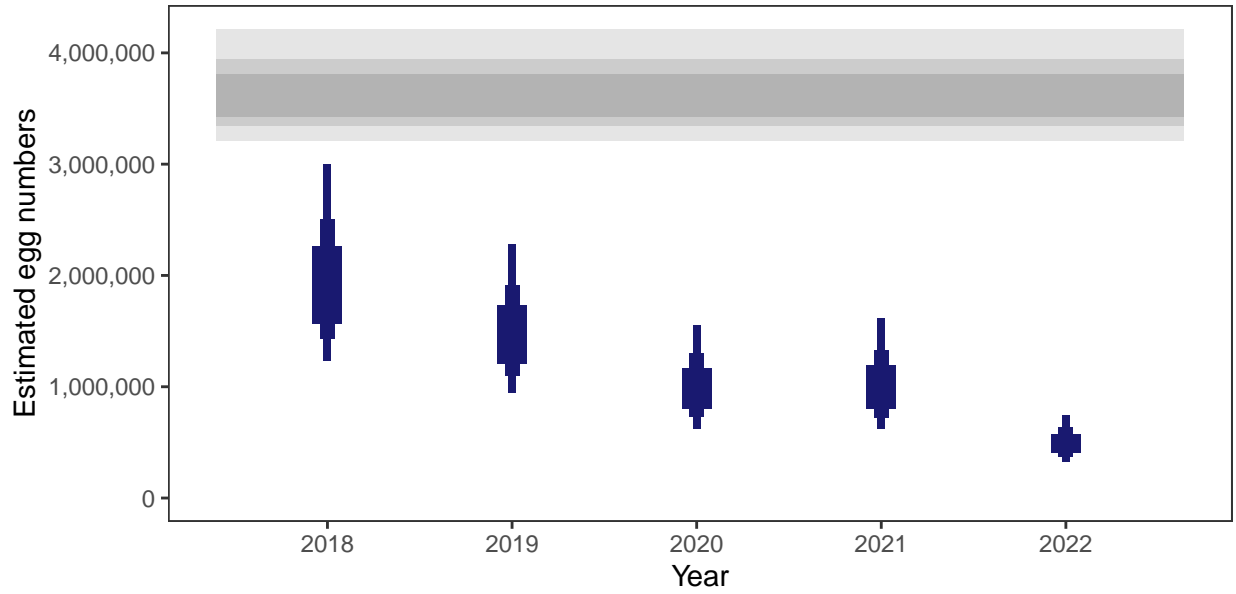
There is an estimated 2,167,343 square meters of known salmon habitat in the River Awe and a further 154,439 square meters where salmon may be present.

##### *Egg requirement*



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

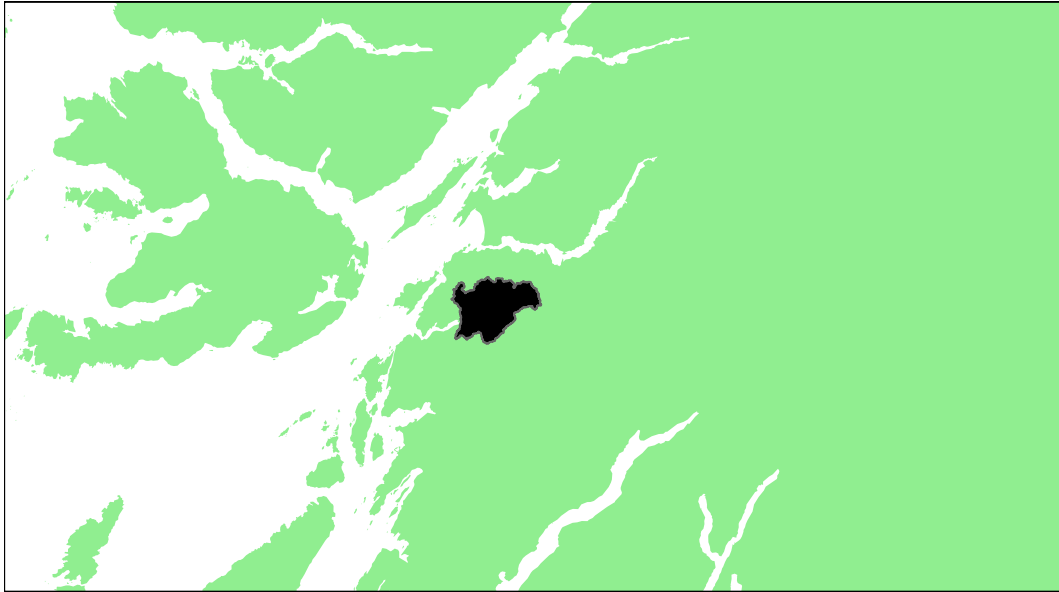
5. Percentage chance that the egg requirement has been reached



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 Nell: Grade 3



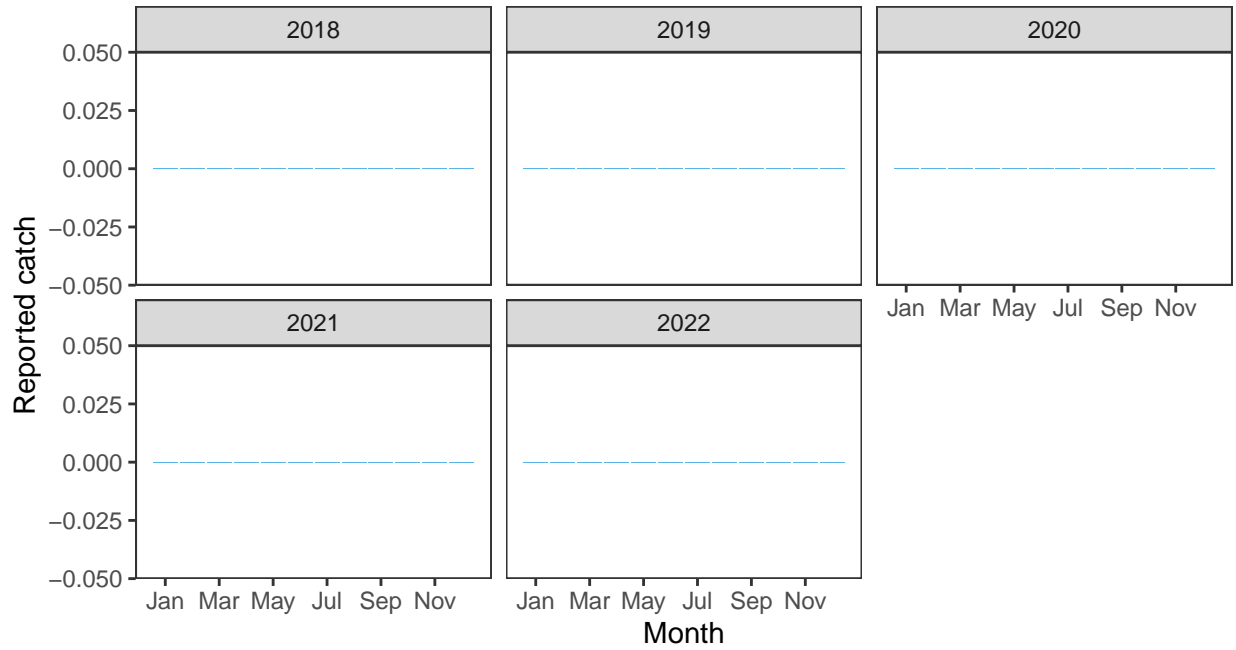
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.15	1e+05	213,000	0	0	0.27	0.02	0	0.00058	3

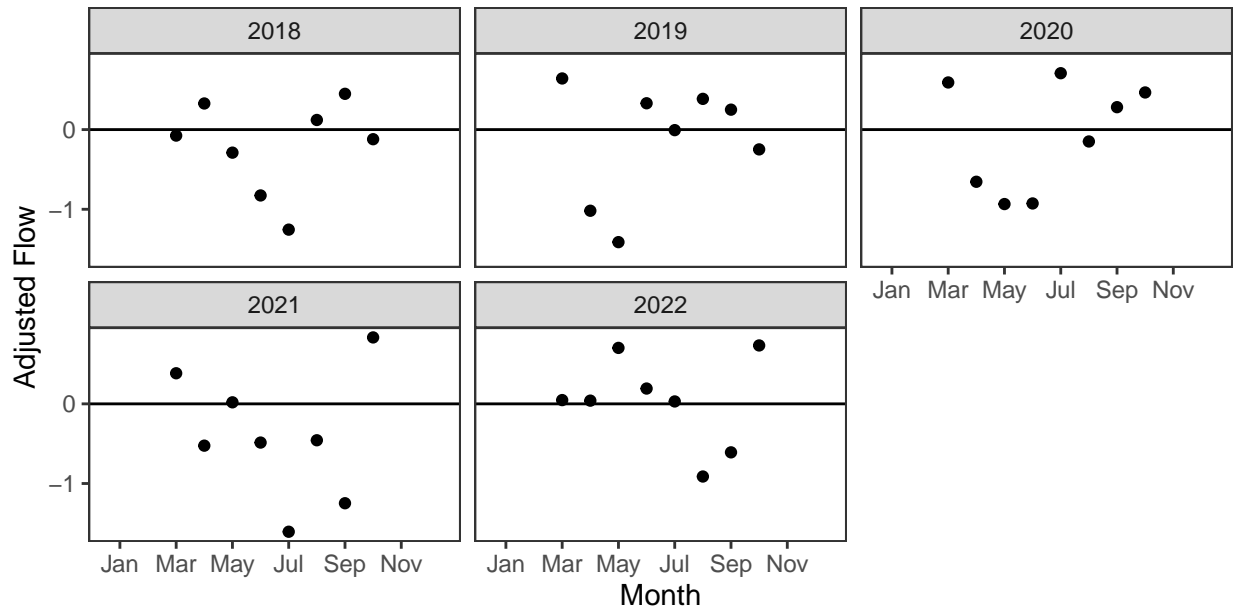
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

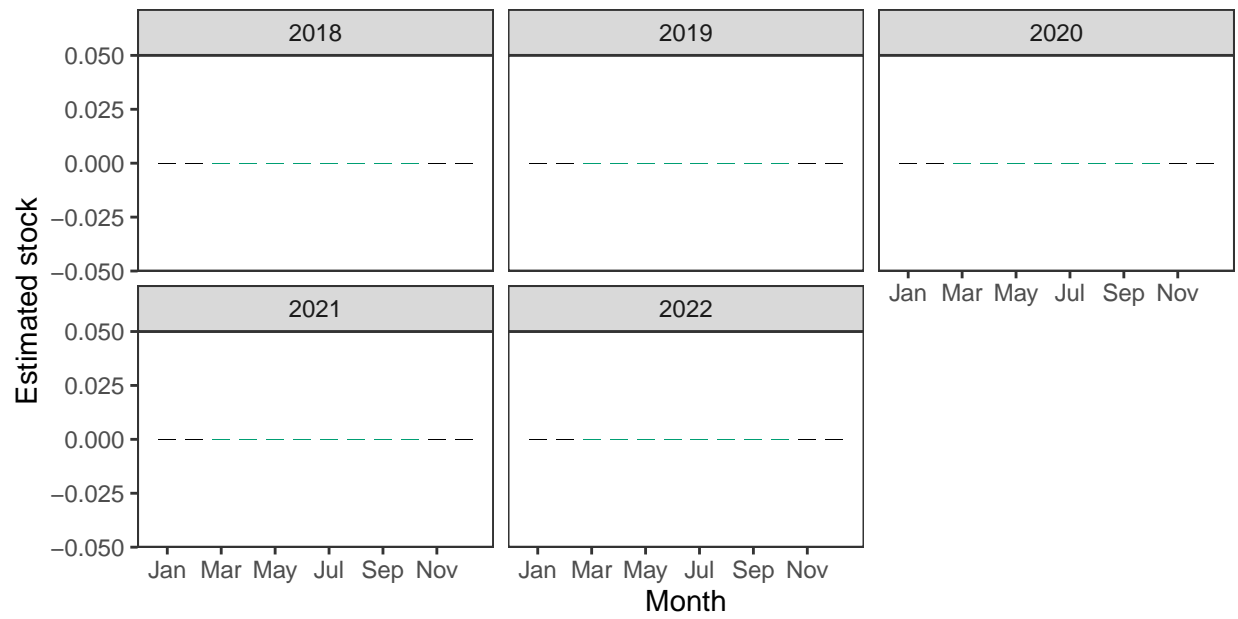
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

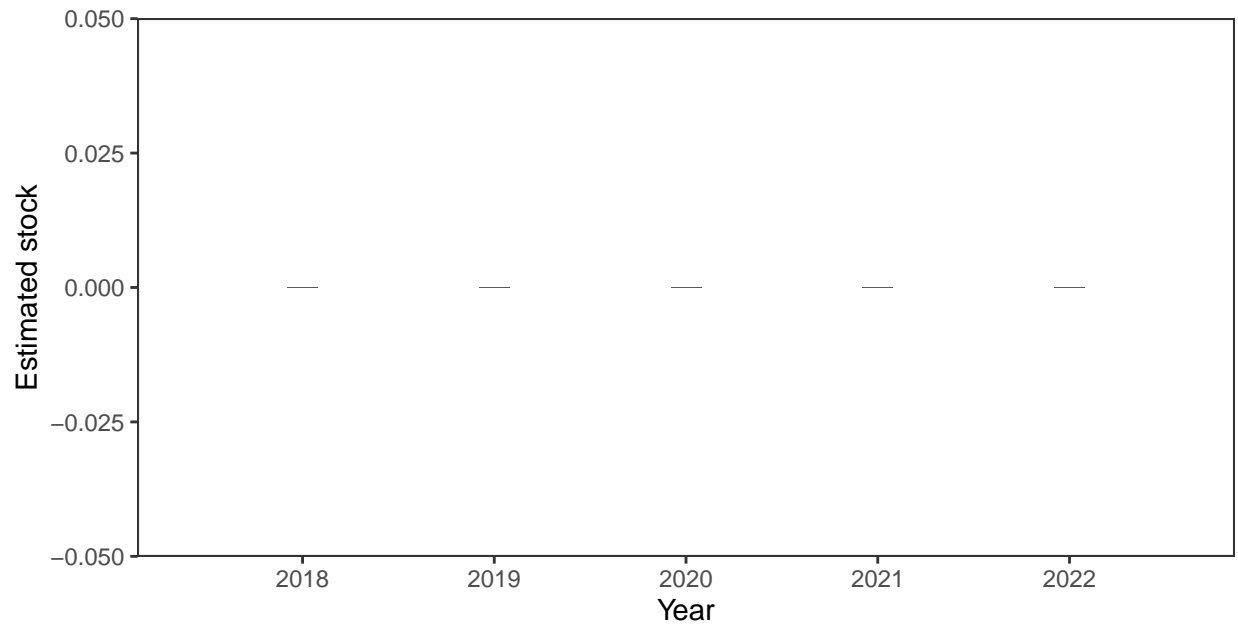


*Monthly stock estimates (out of season in black)*



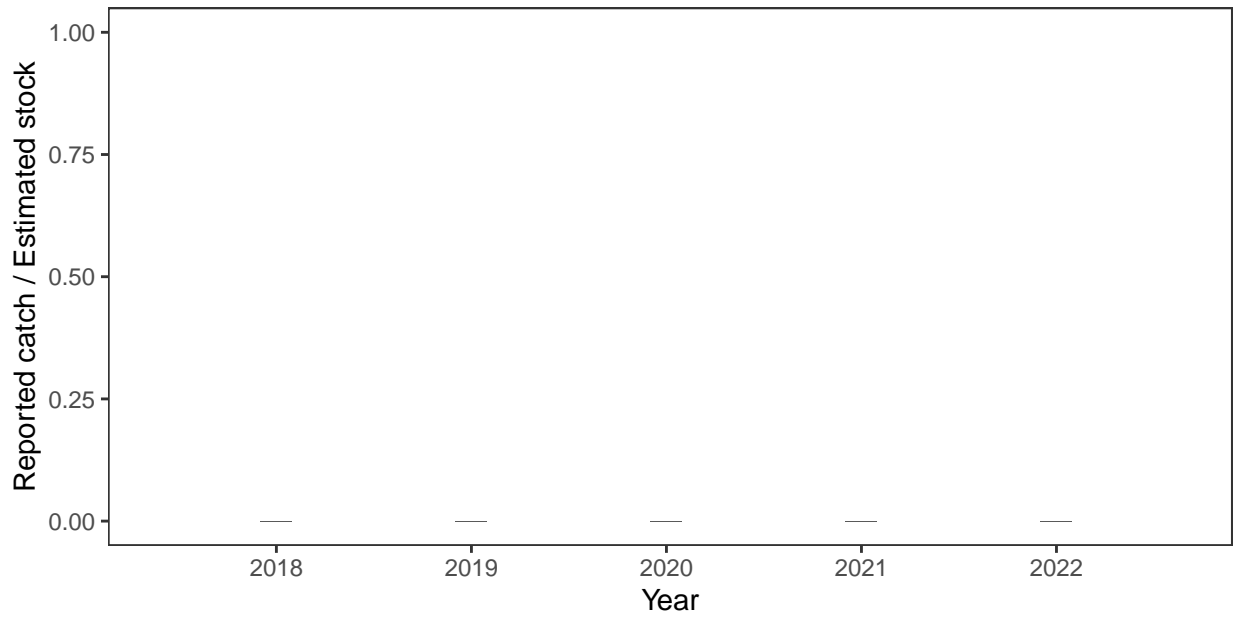
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



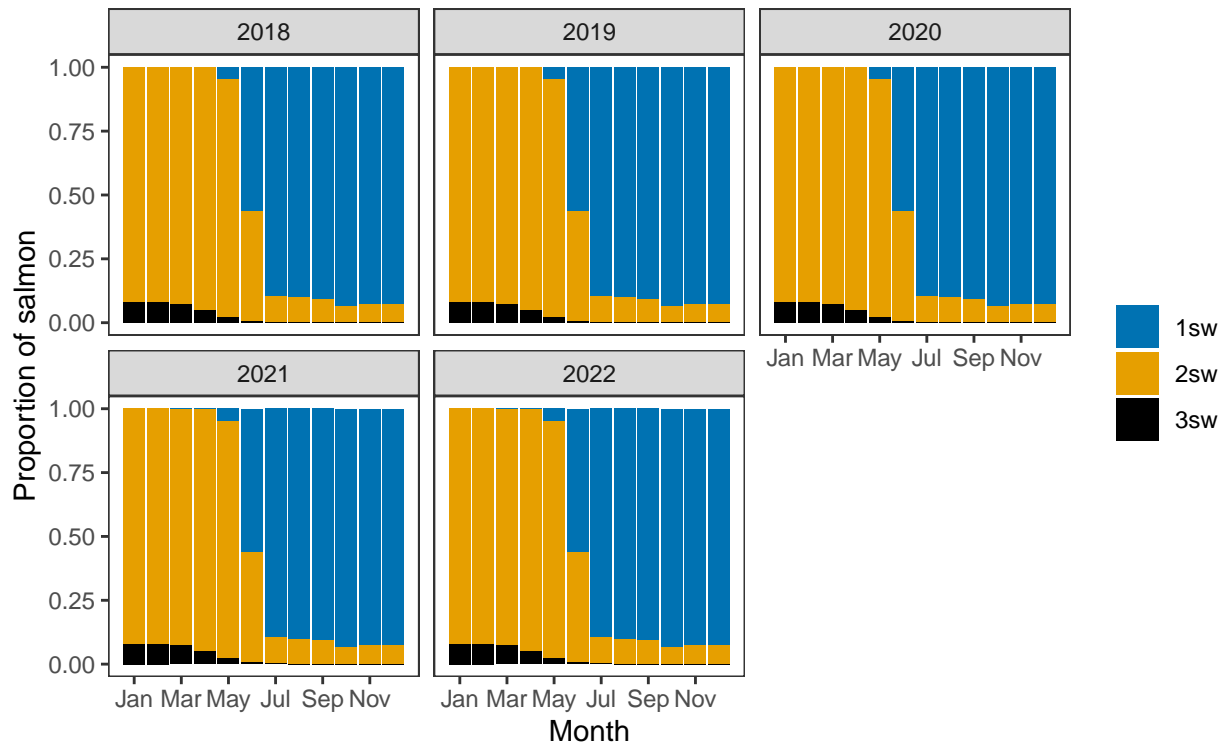
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

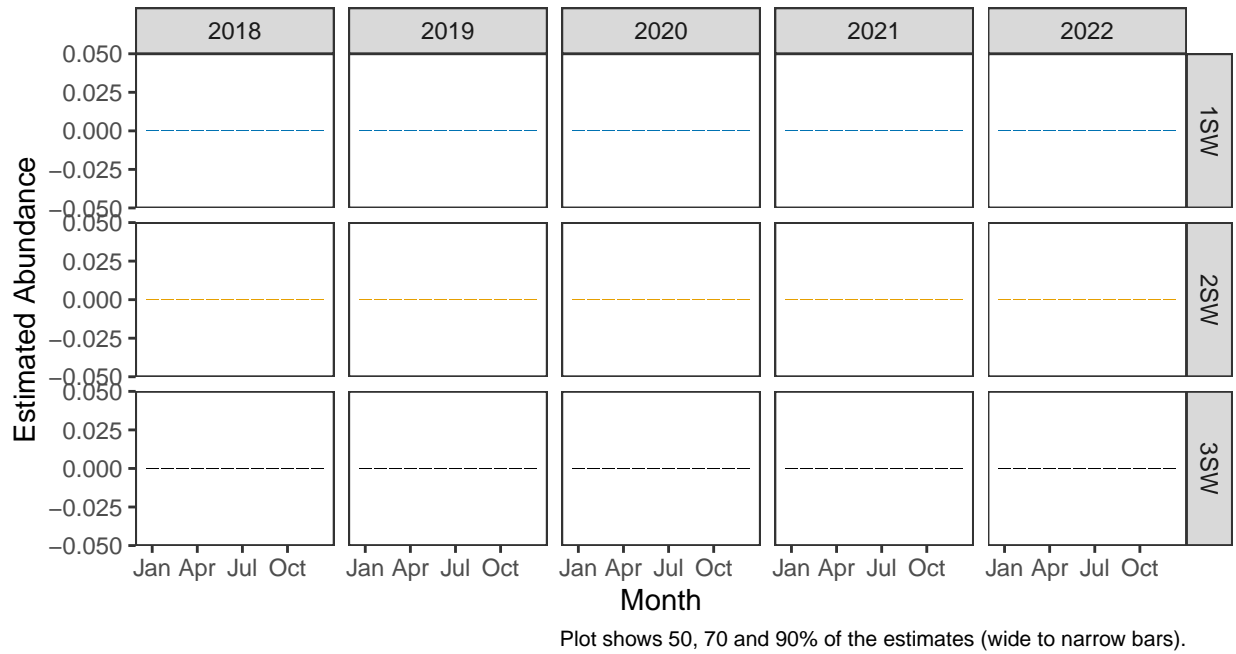


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

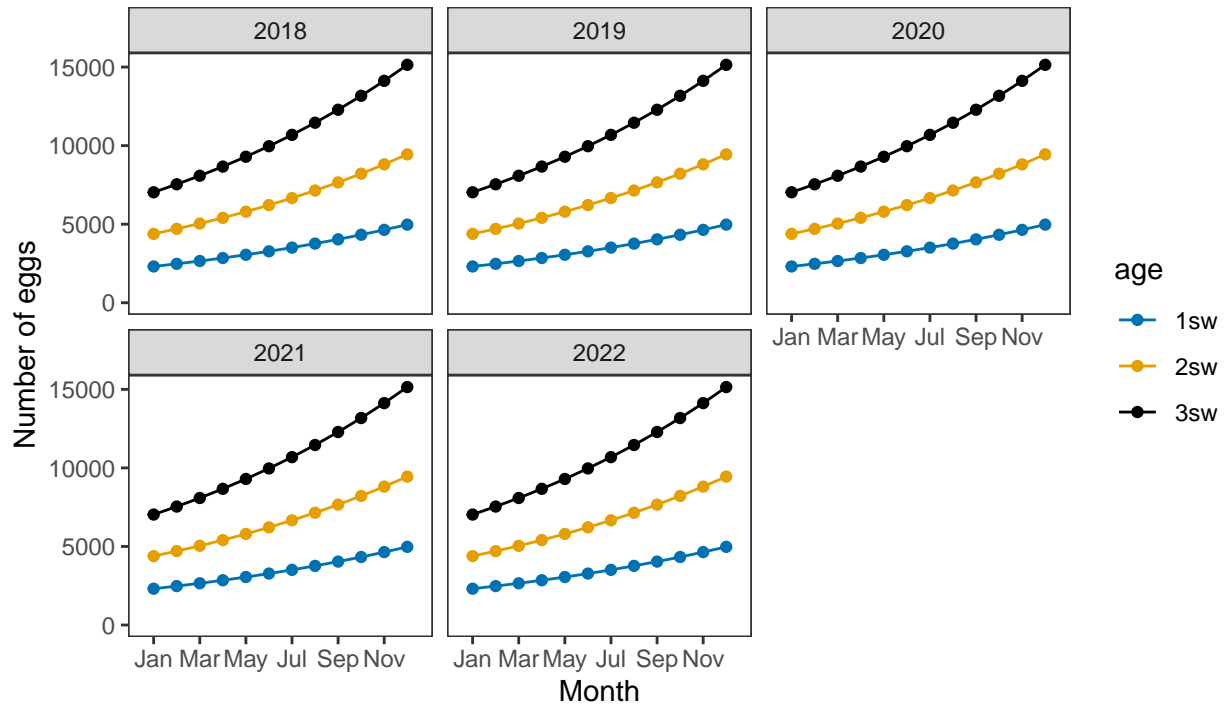


*Monthly number of spawning females*

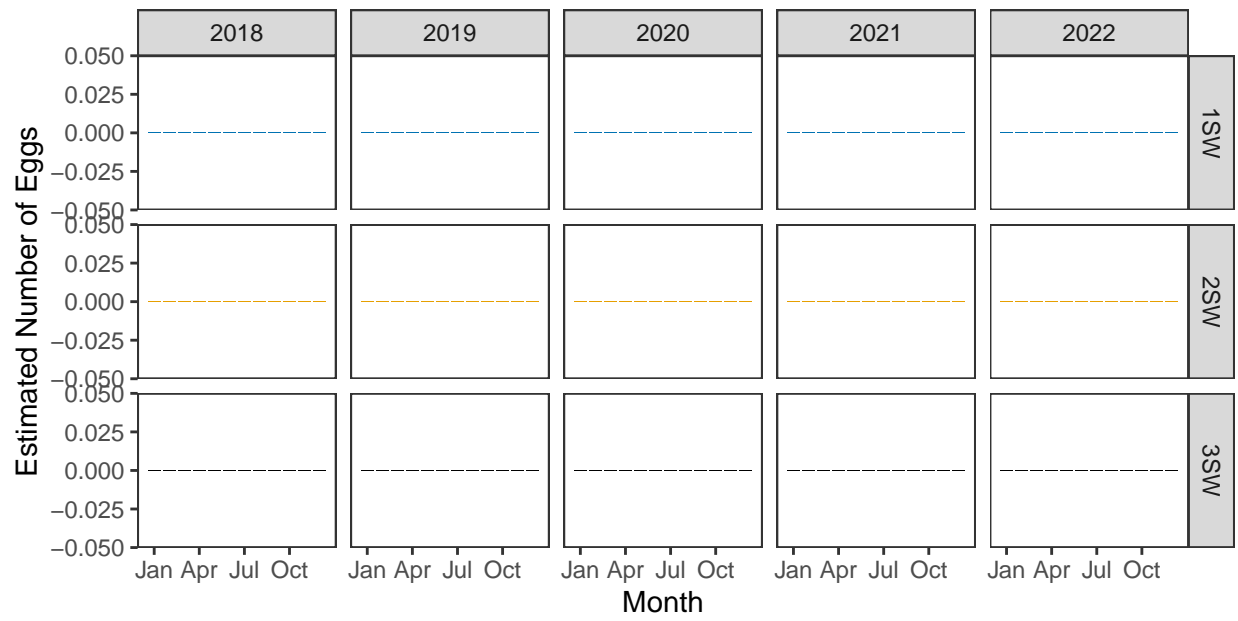


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

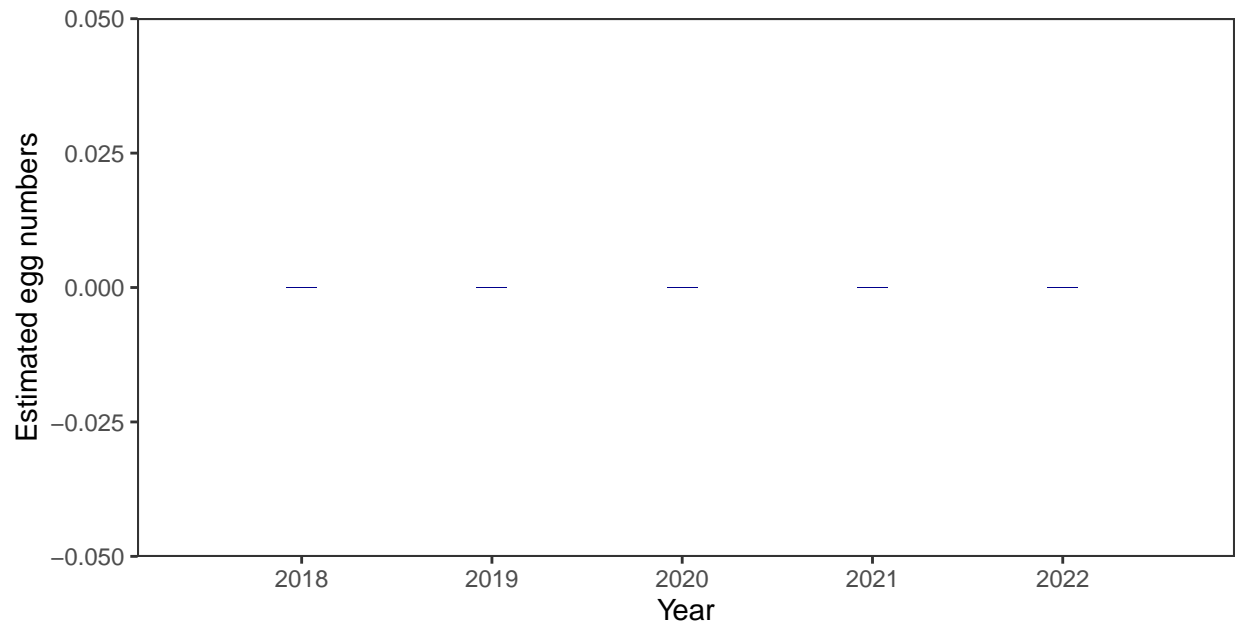


*Monthly number of eggs*



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).

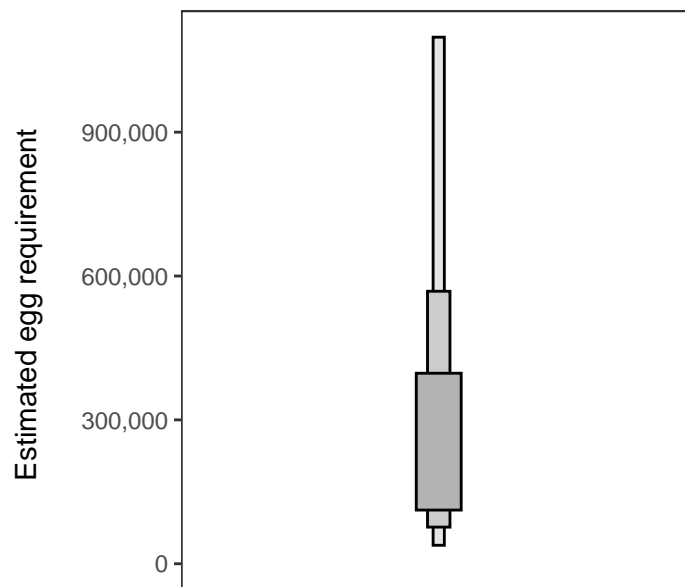
Year	Percentage above
2018	-
2019	-
2020	0.27
2021	0.02
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

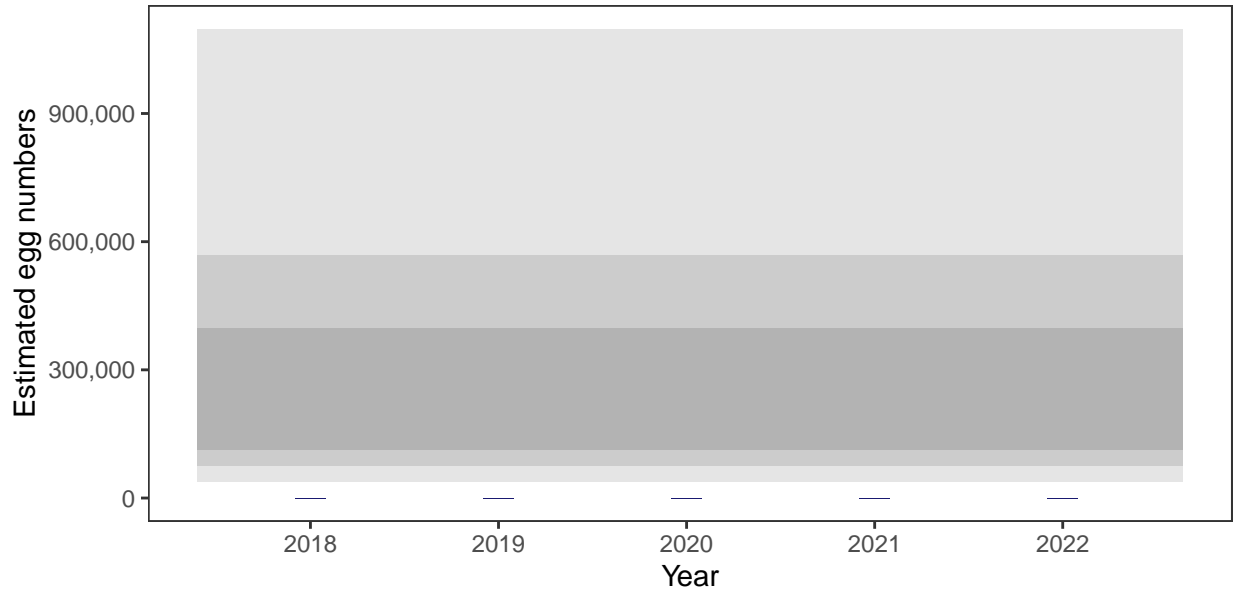
There is an estimated 96,959 square meters of known salmon habitat in the River Nell and a further 34,193 square meters where salmon may be present.

##### *Egg requirement*



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

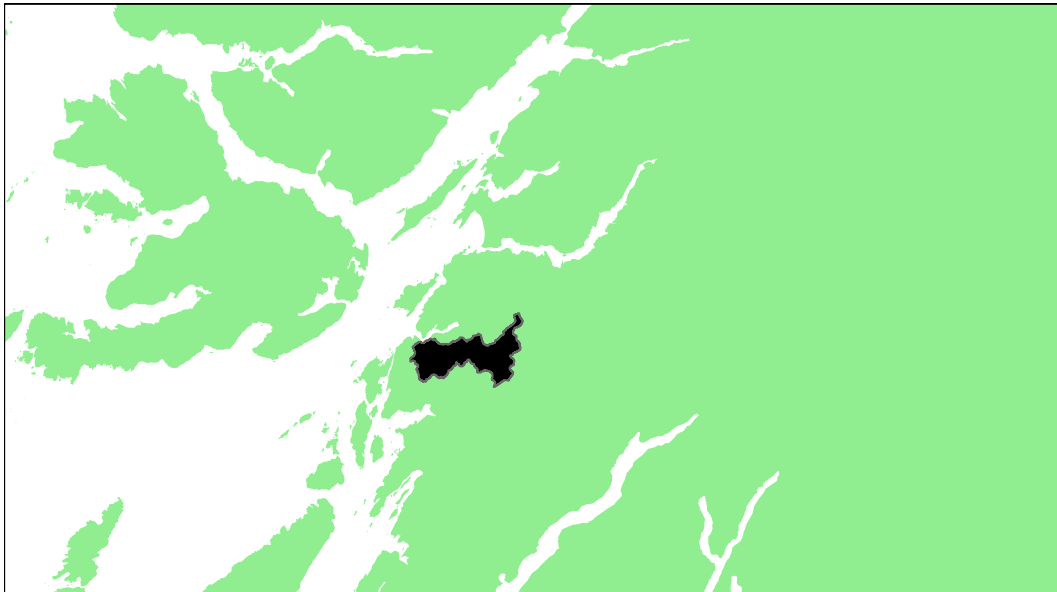
5. Percentage chance that the egg requirement has been reached



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 Euchar: Grade 3



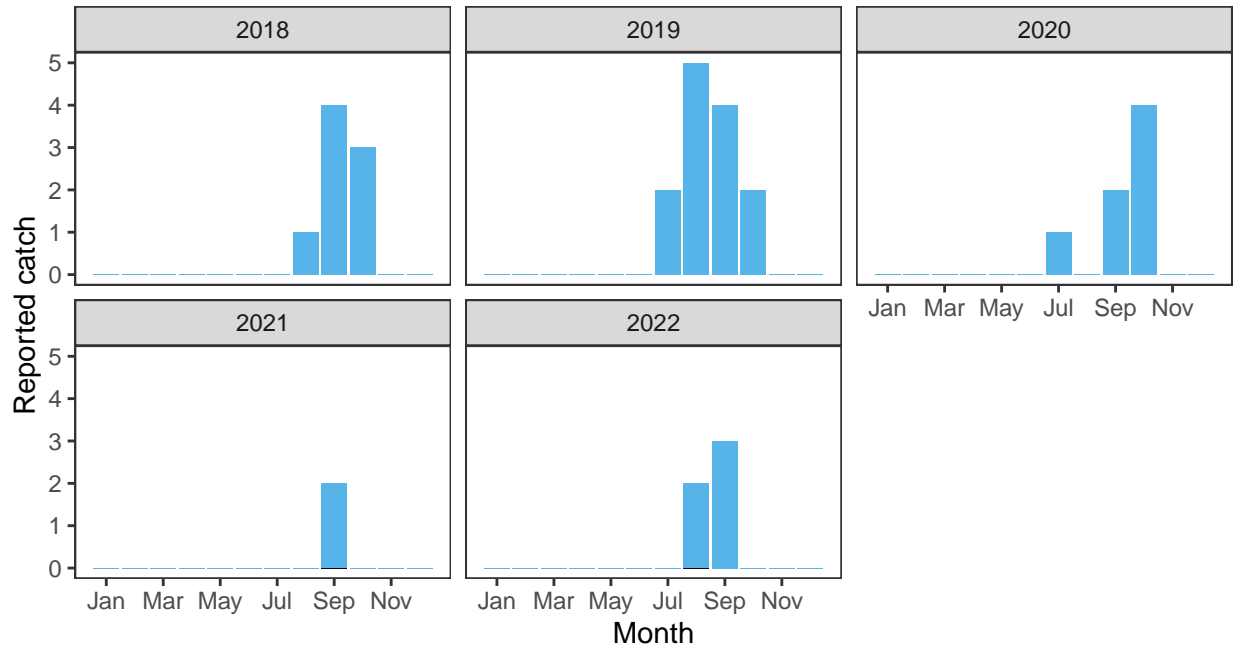
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.06	95,000	197,000	14	39.5	15.99	3.24	14.43	0.17432	3

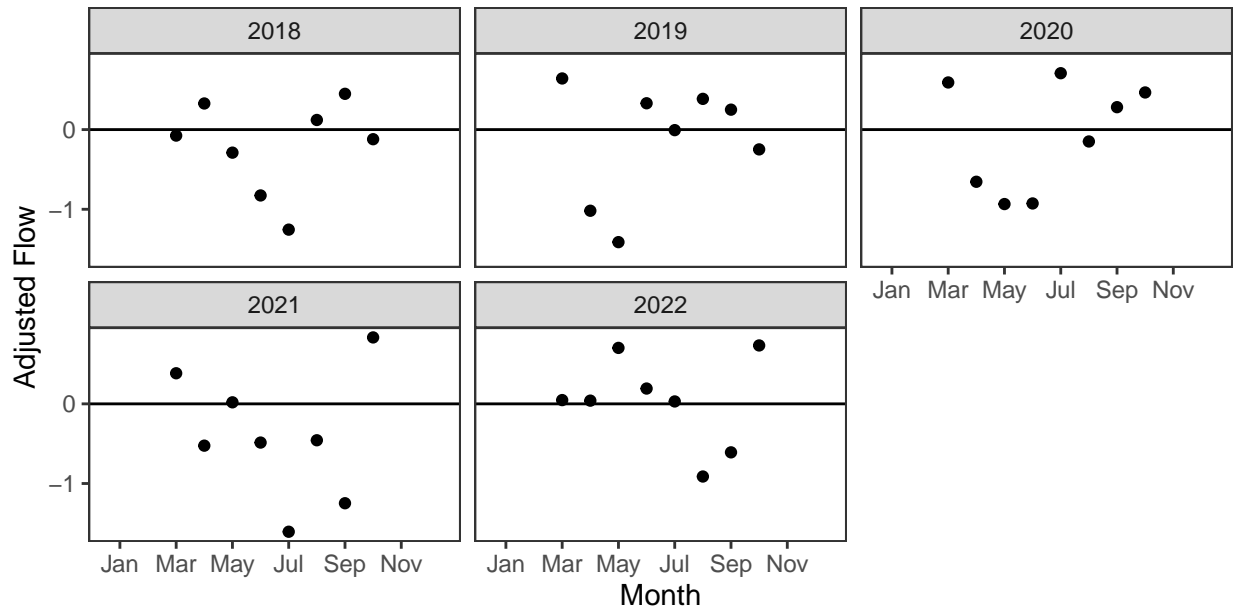
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

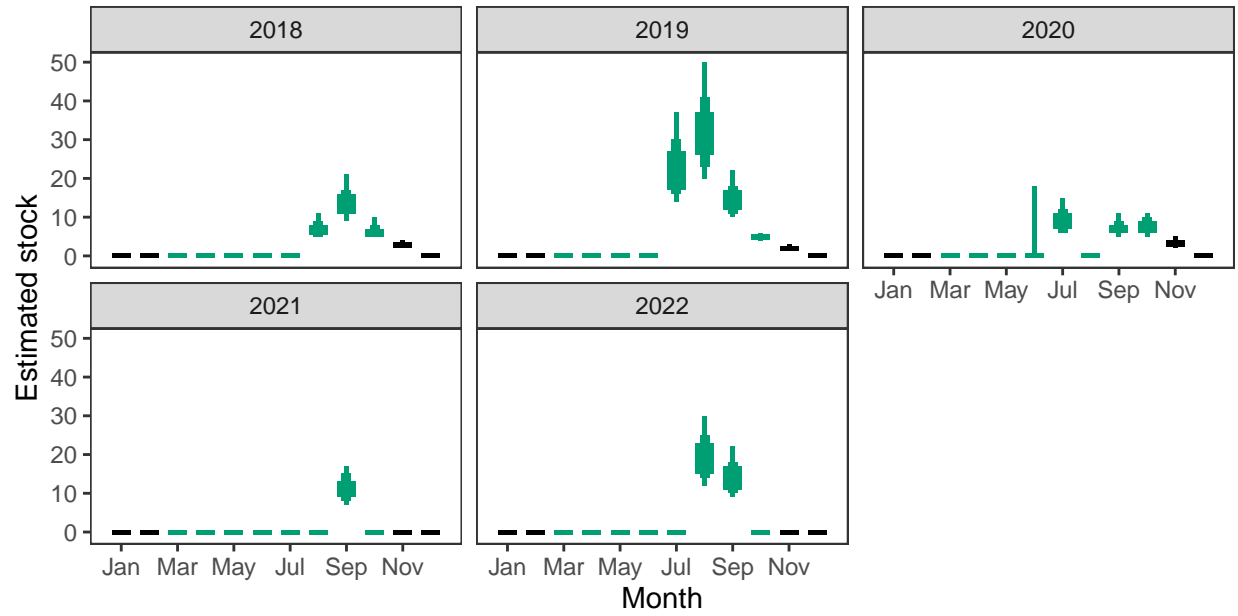
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

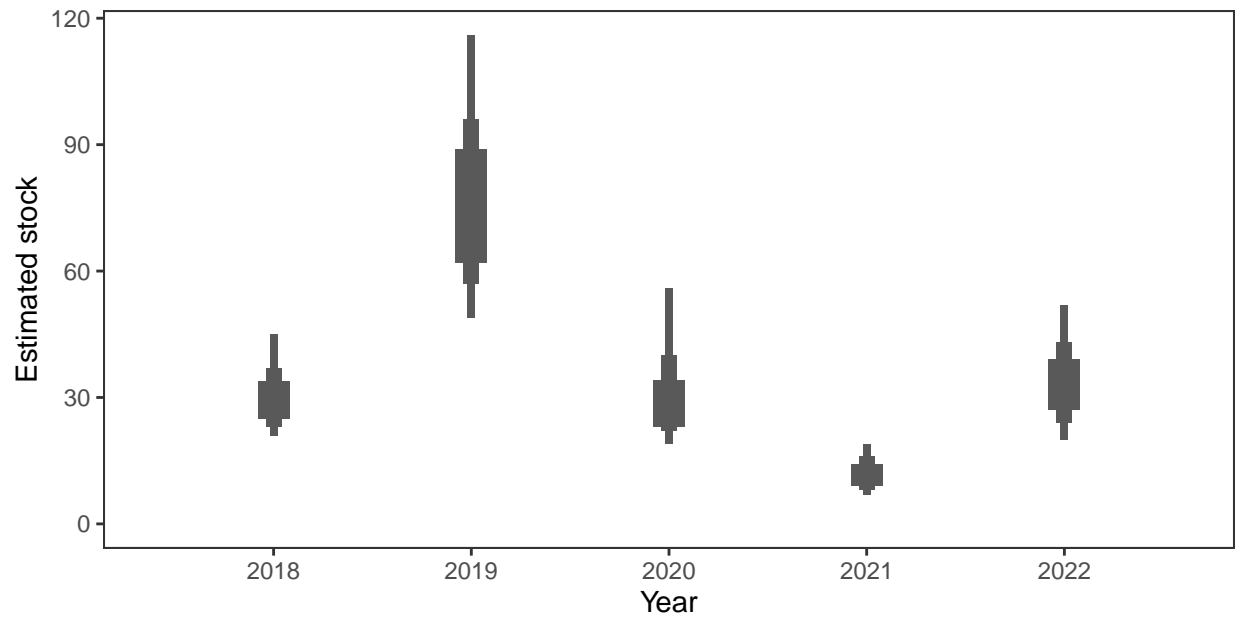


*Monthly stock estimates (out of season in black)*



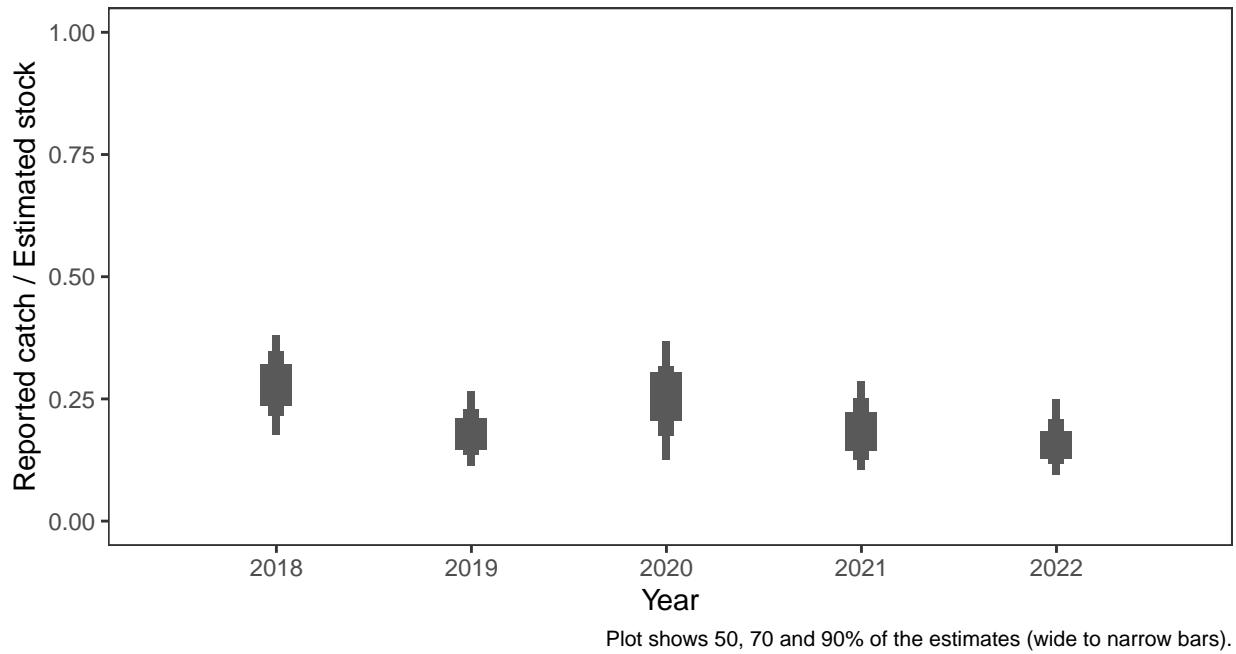
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



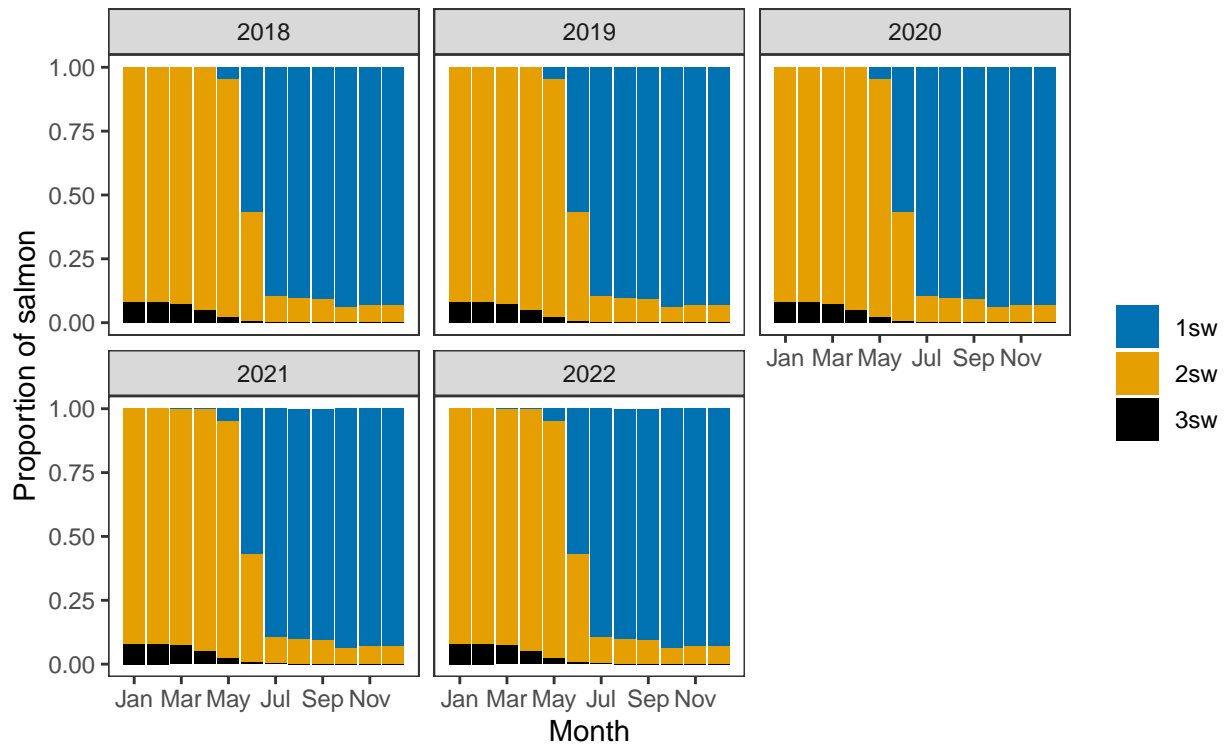
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

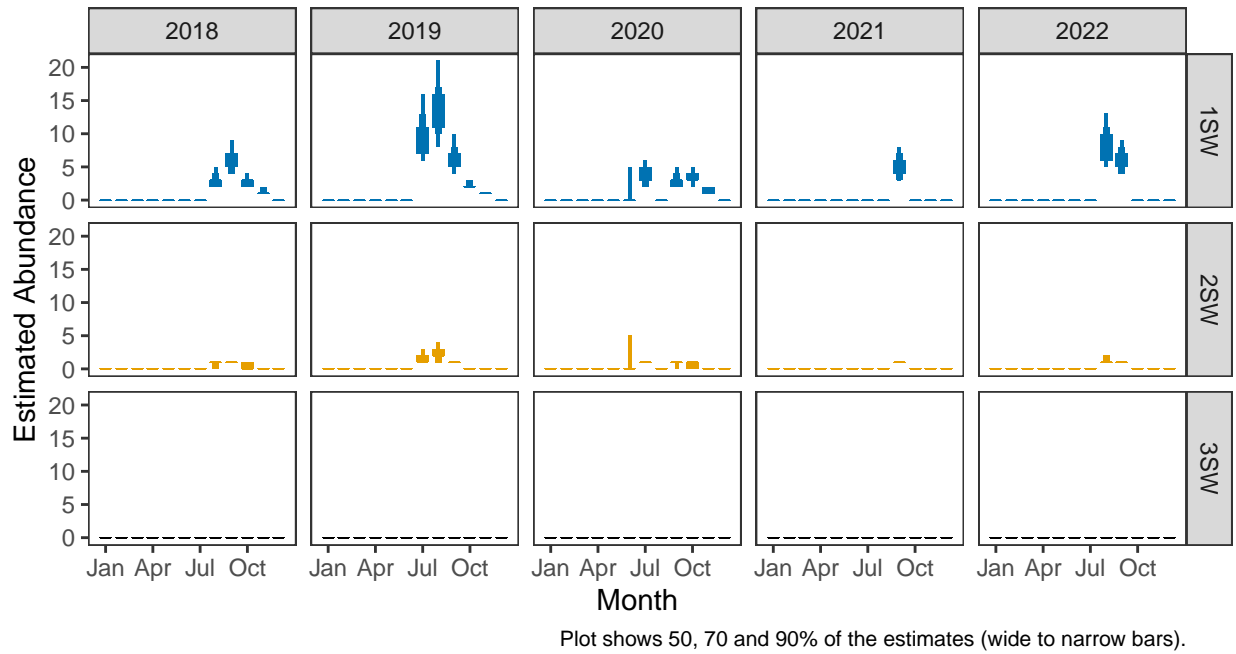


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

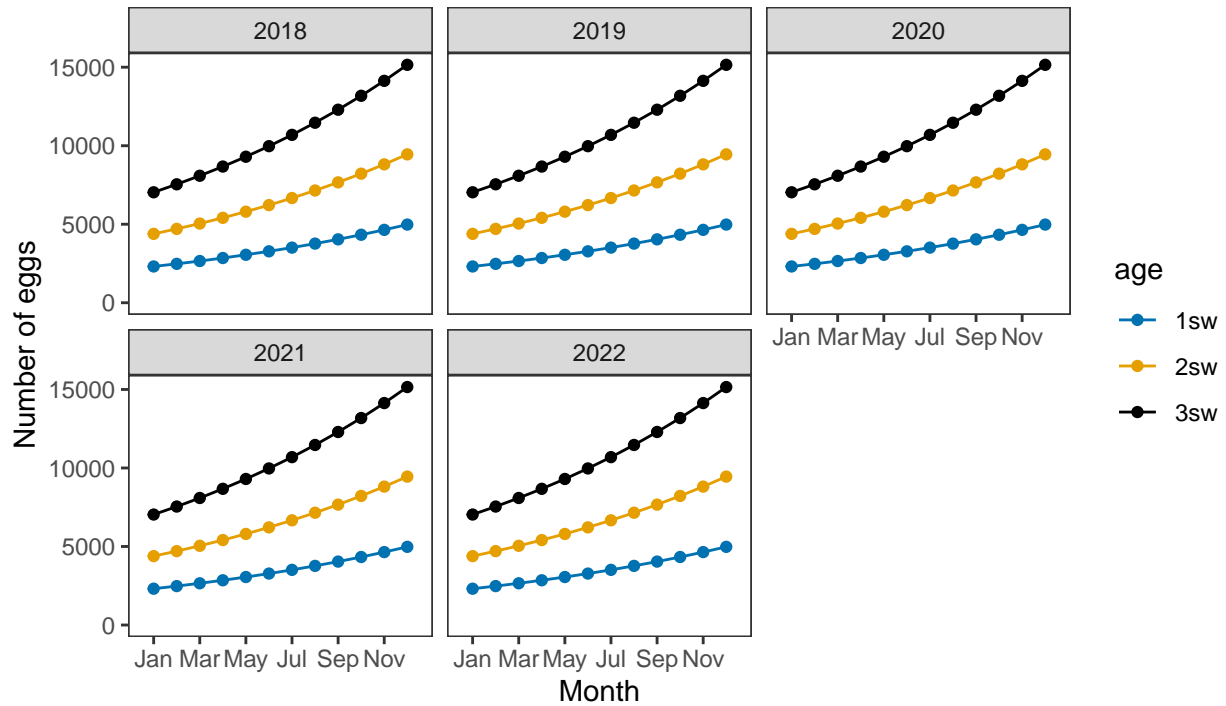


*Monthly number of spawning females*

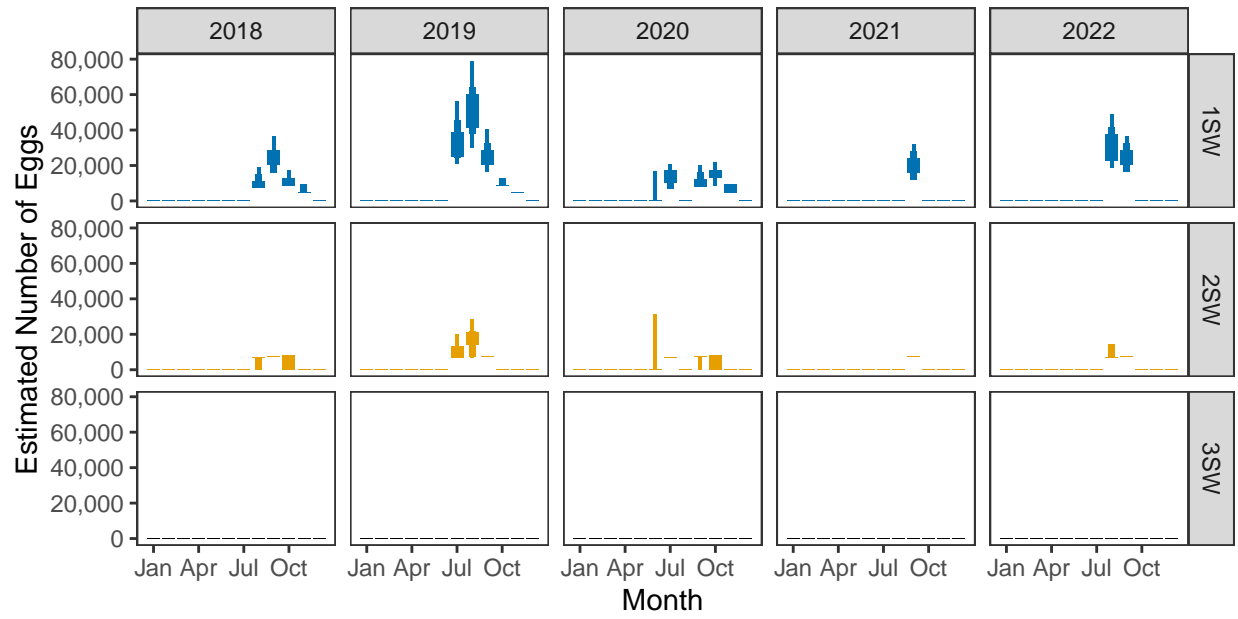


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

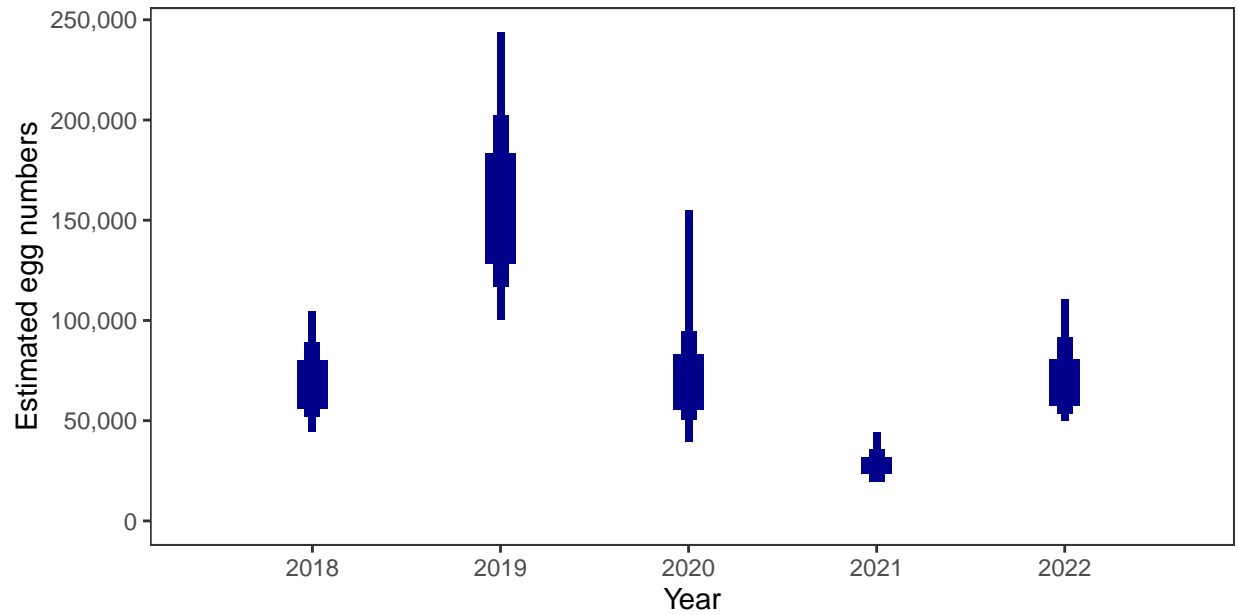


*Monthly number of eggs*



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).

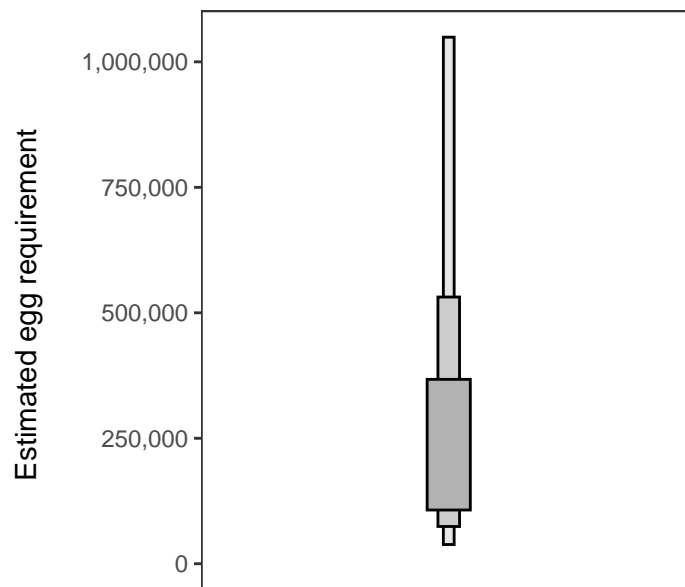
Year	Percentage above
2018	14.00
2019	39.50
2020	15.99
2021	3.24
2022	14.43

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

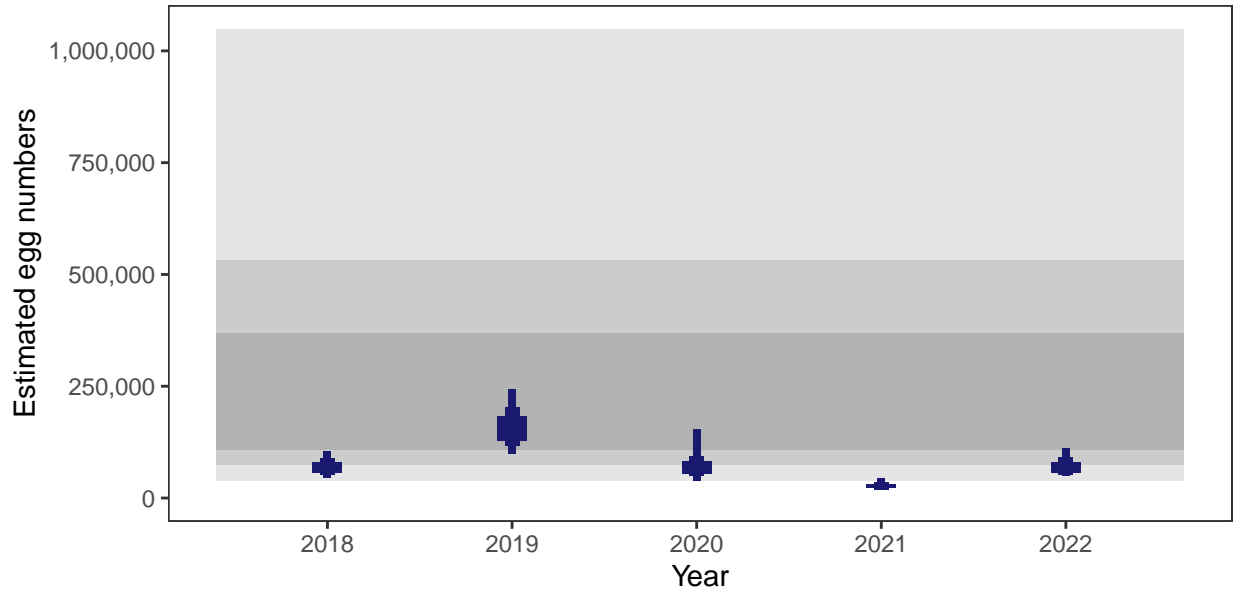
There is an estimated 106,336 square meters of known salmon habitat in the River Euchar and a further 4,221 square meters where salmon may be present.

##### *Egg requirement*



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

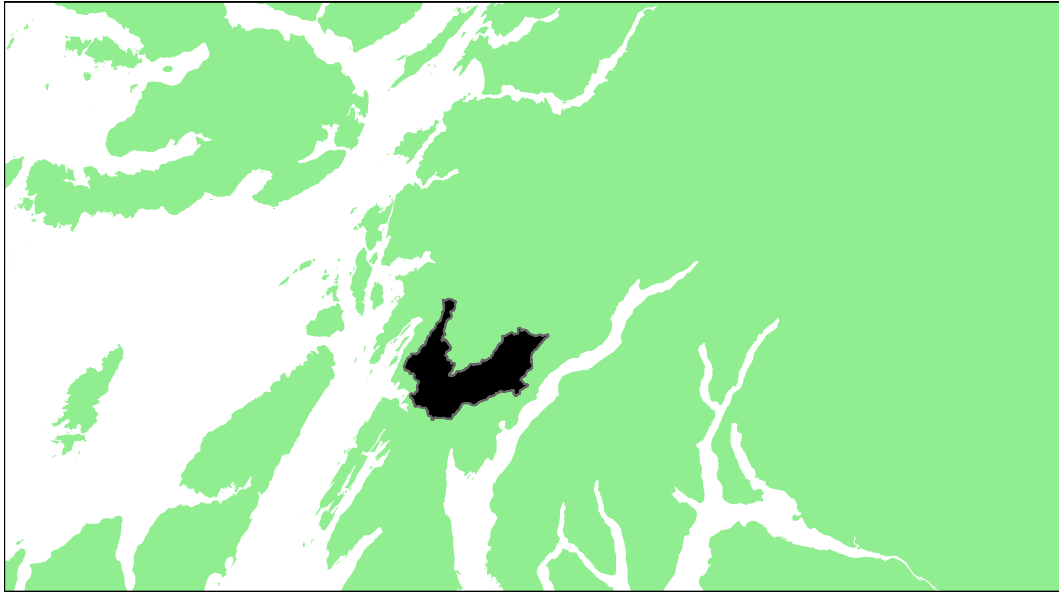
### 5. Percentage chance that the egg requirement has been reached



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 Add: Grade 3



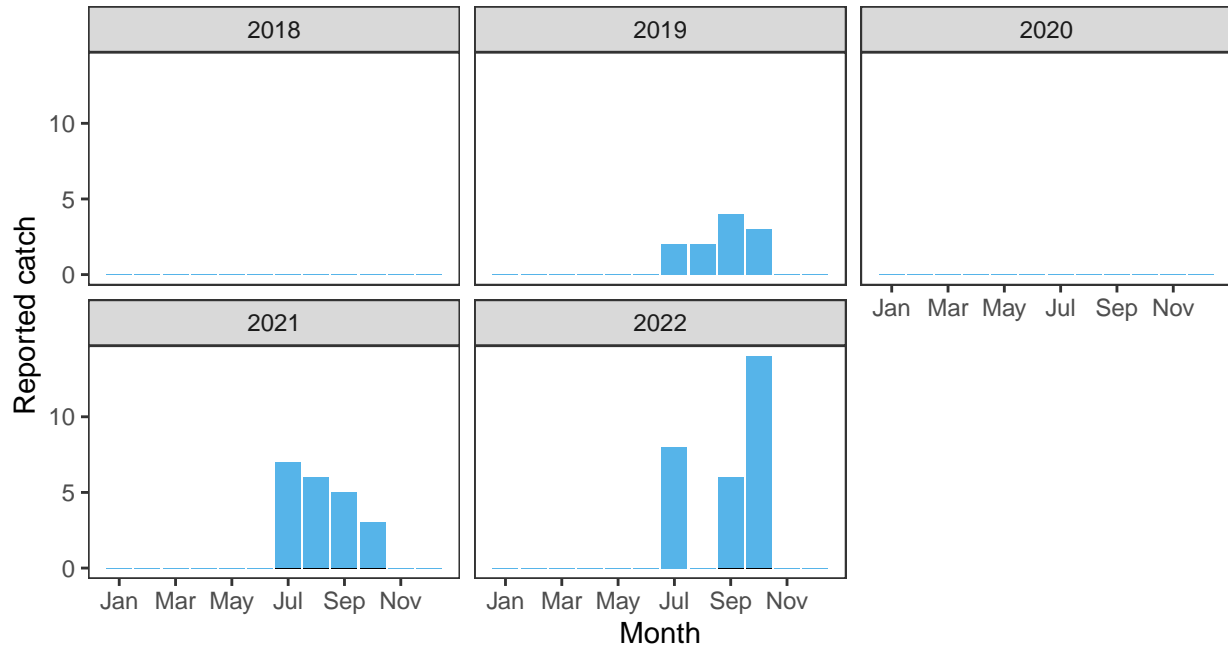
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.41	429,000	603,000	0	8.16	0	38.37	27.74	0.14854	3

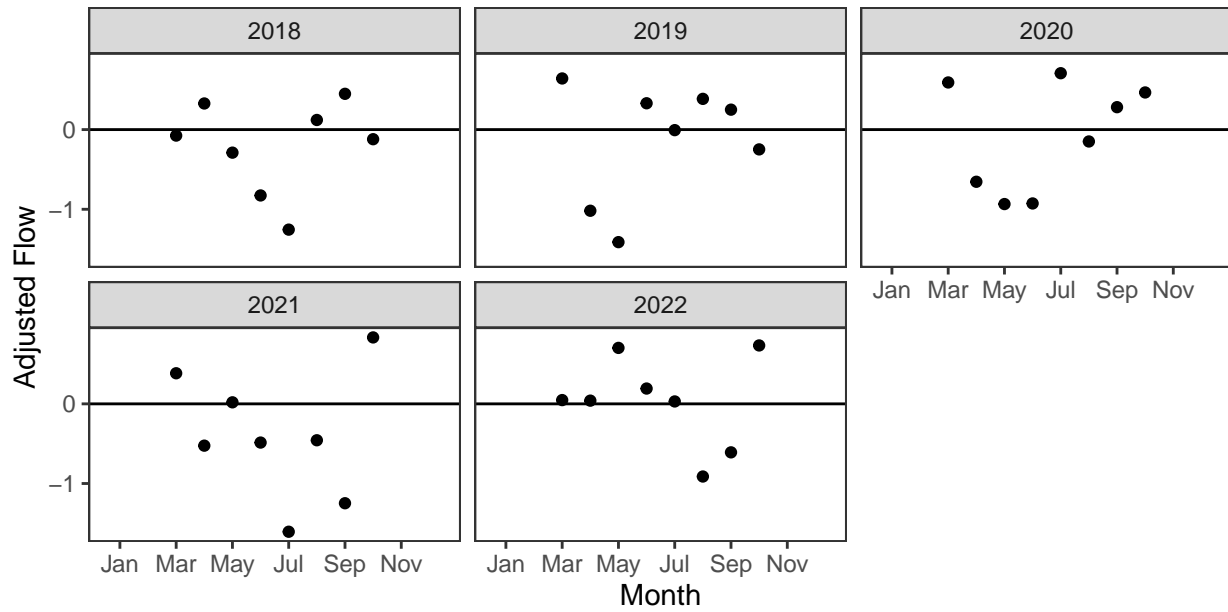
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

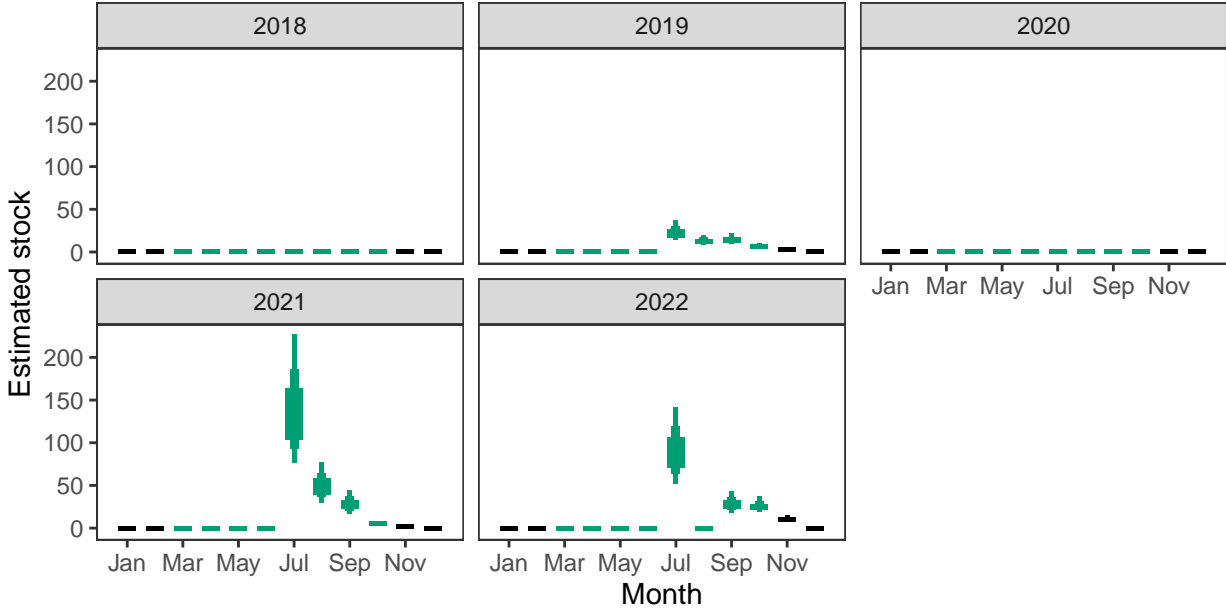
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

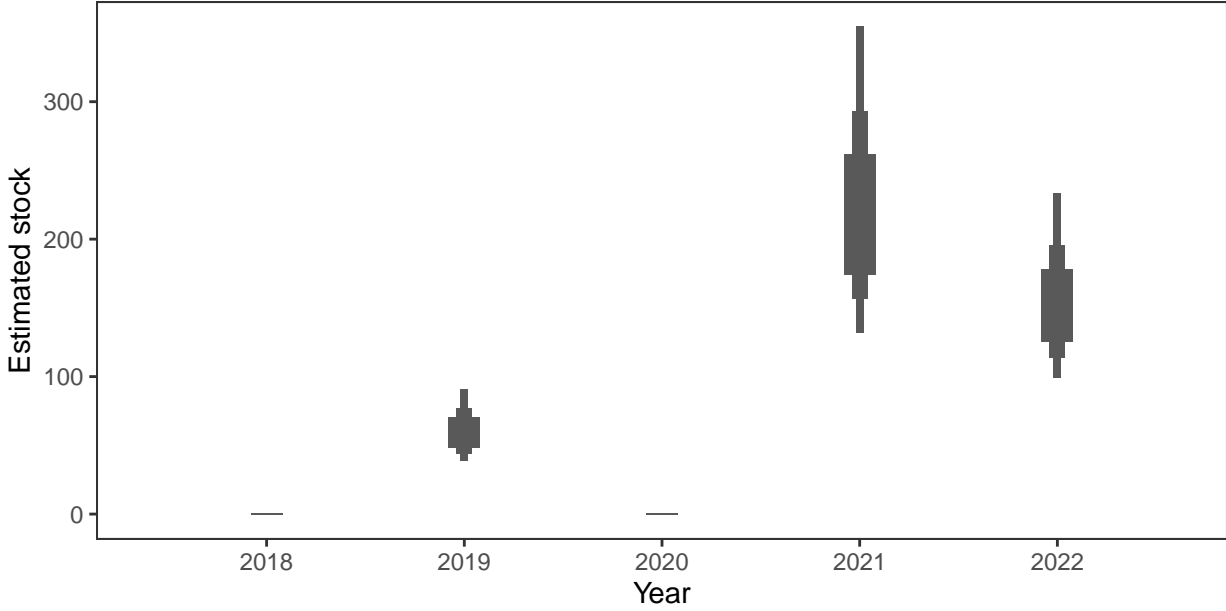


*Monthly stock estimates (out of season in black)*



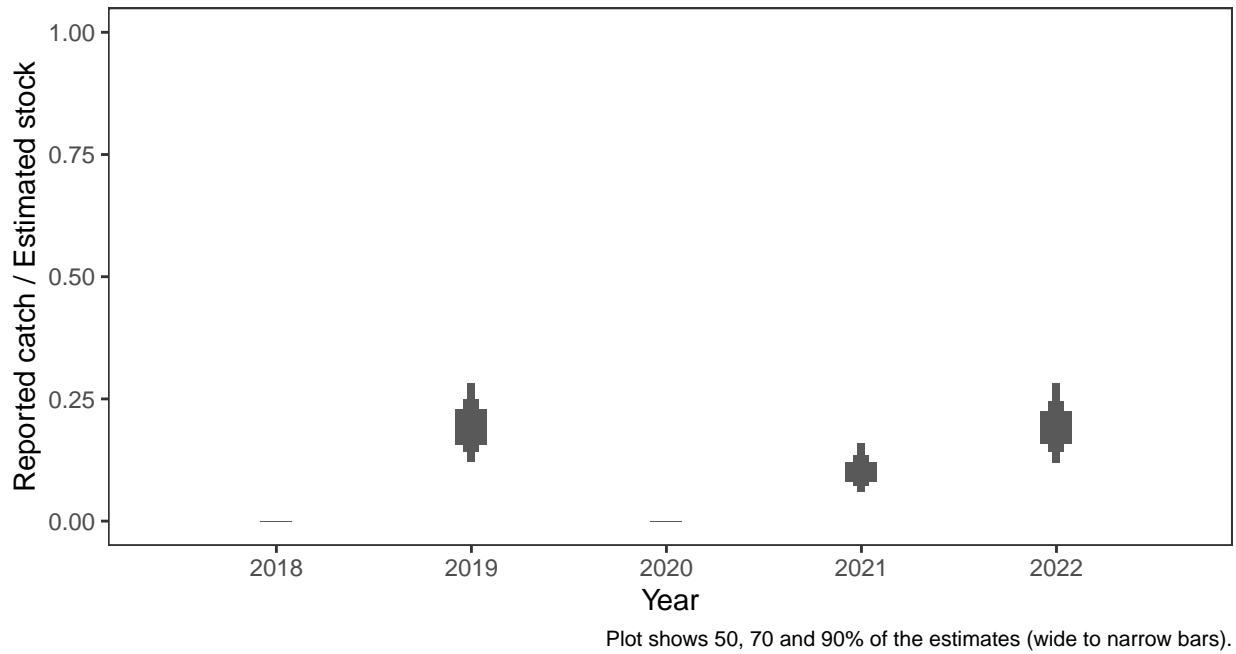
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



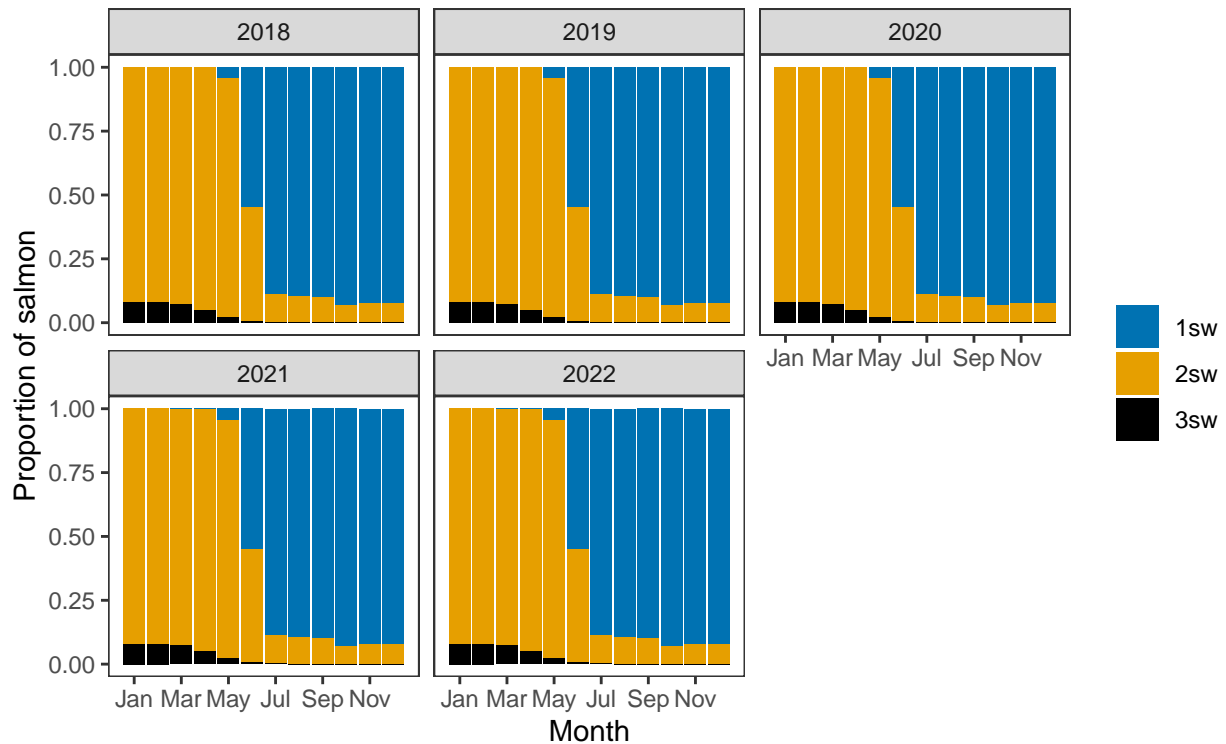
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

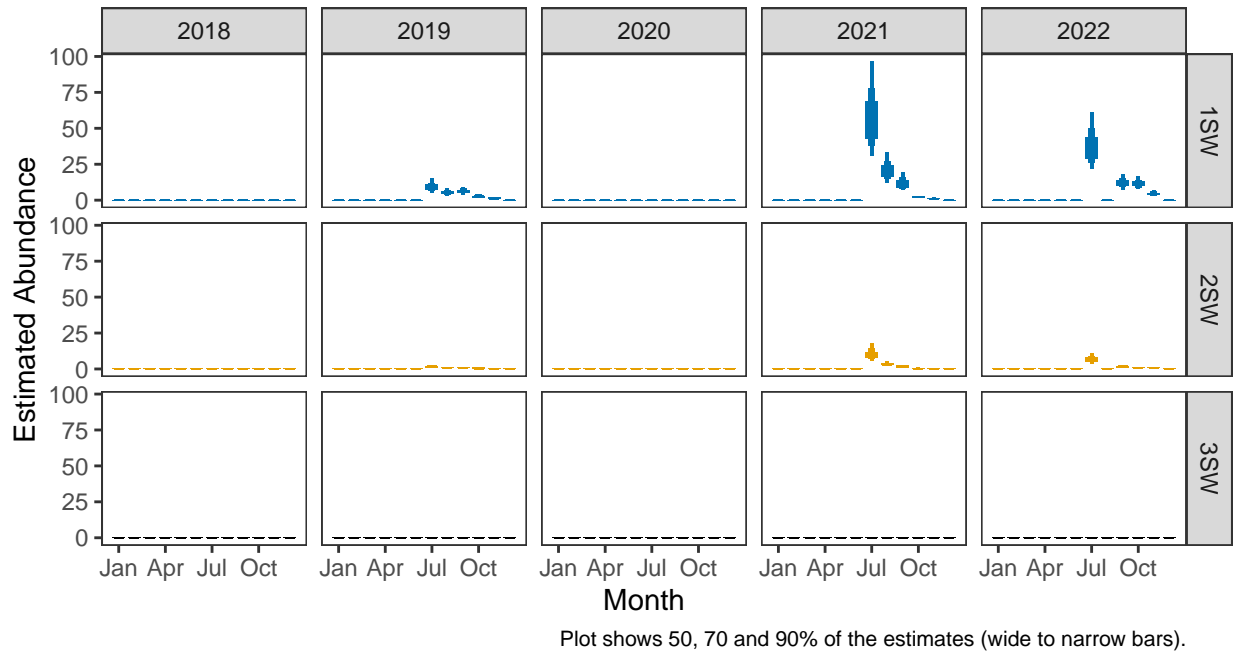


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



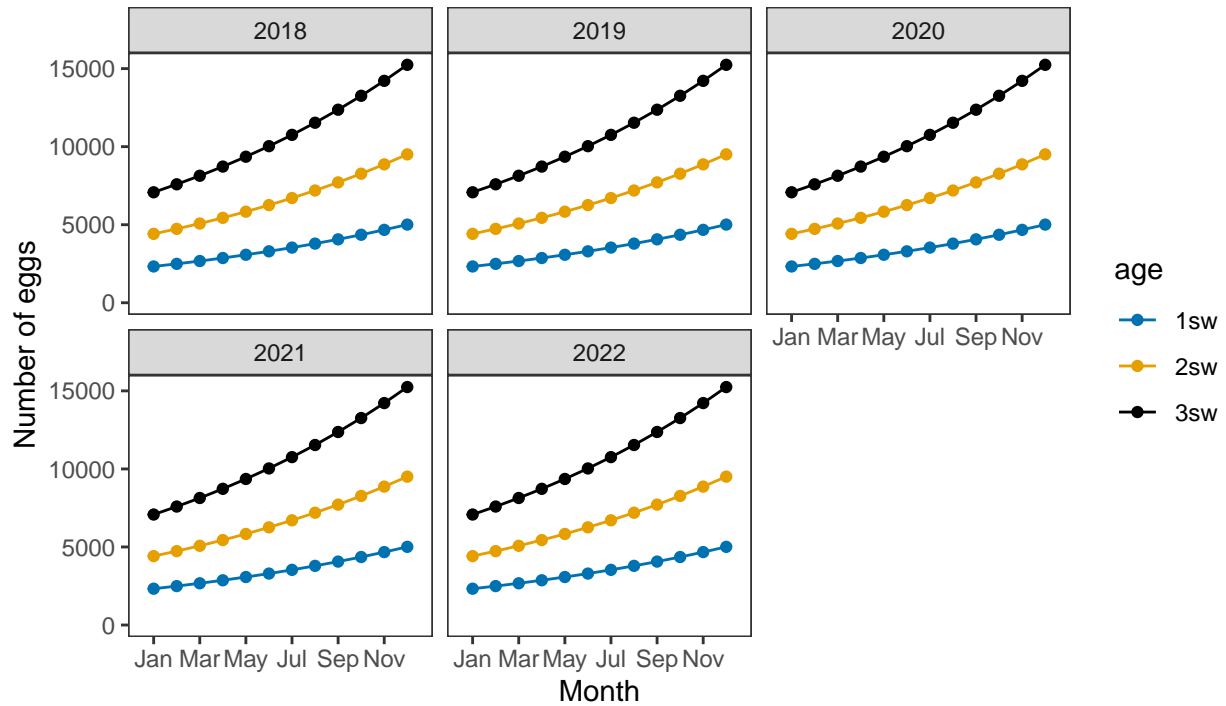
*Monthly number of spawning females*



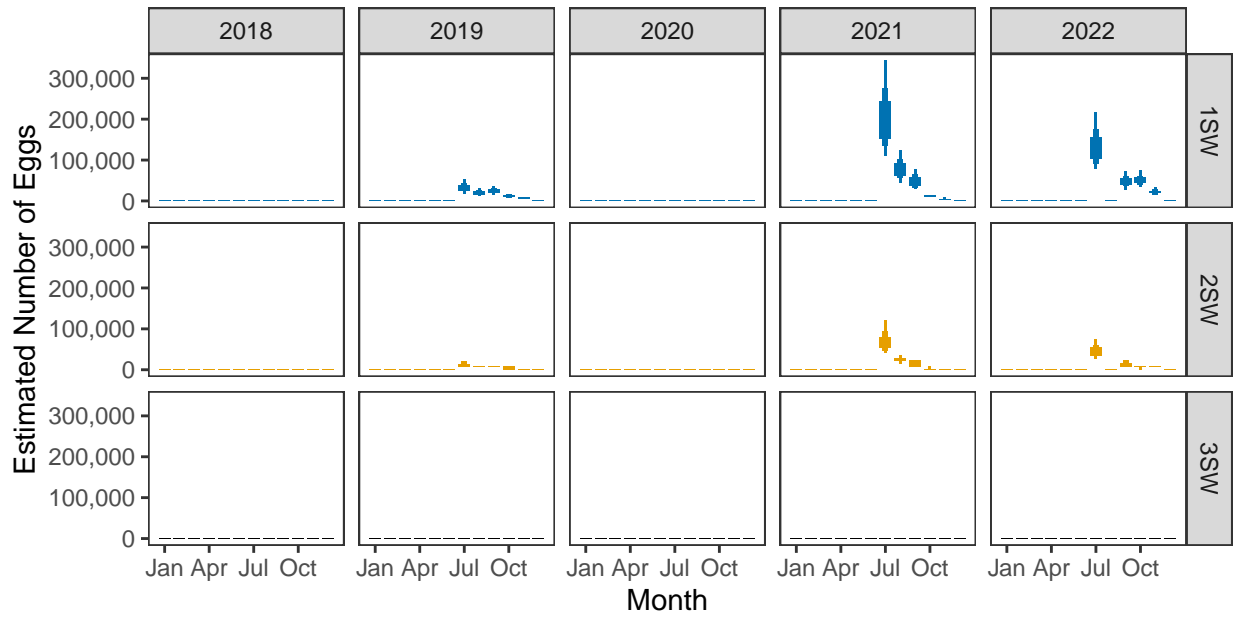
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

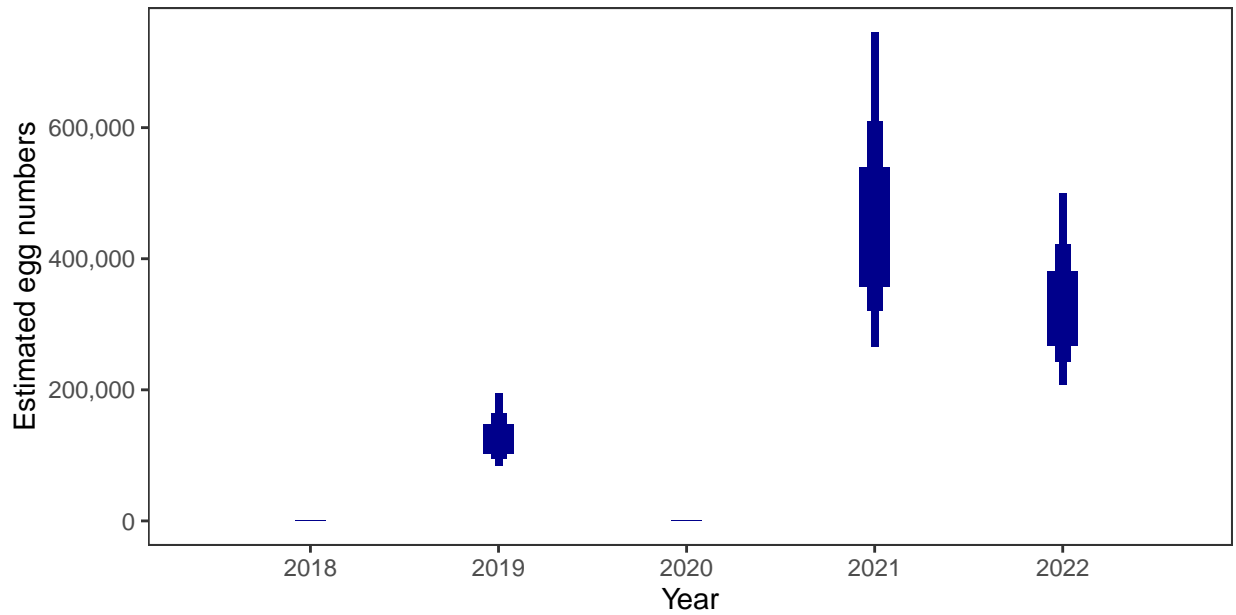


*Monthly number of eggs*



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).

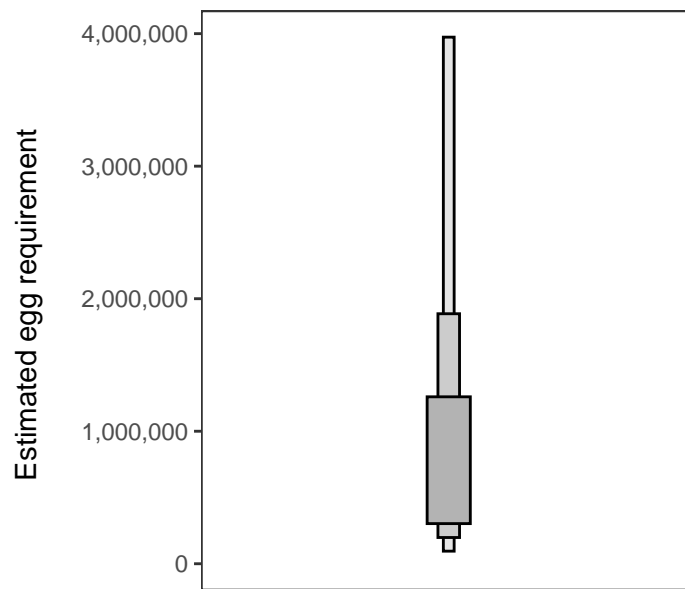
Year	Percentage above
2018	-
2019	8.16
2020	-
2021	38.37
2022	27.74

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

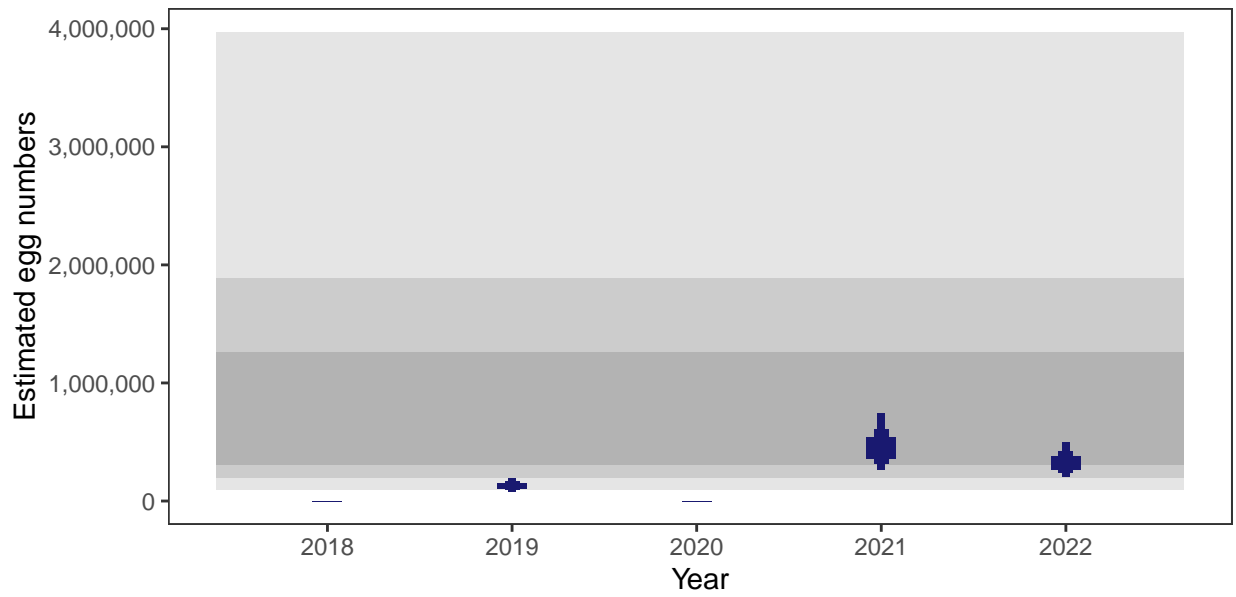
There is an estimated 474,696 square meters of known salmon habitat in the River Add and a further 25,504 square meters where salmon may be present.

##### *Egg requirement*



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

### 5. Percentage chance that the egg requirement has been reached



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)



## Barr Water: Grade 3



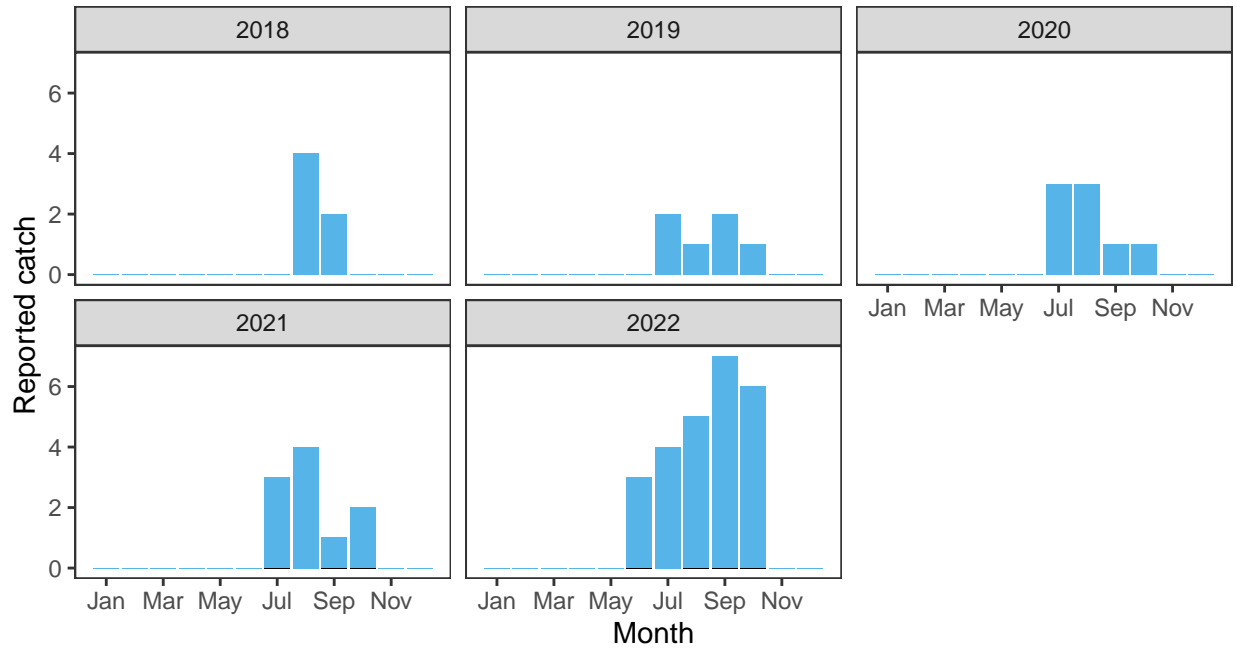
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.48	1e+05	148,000	26.34	30.33	43.86	63.25	82.22	0.492	3

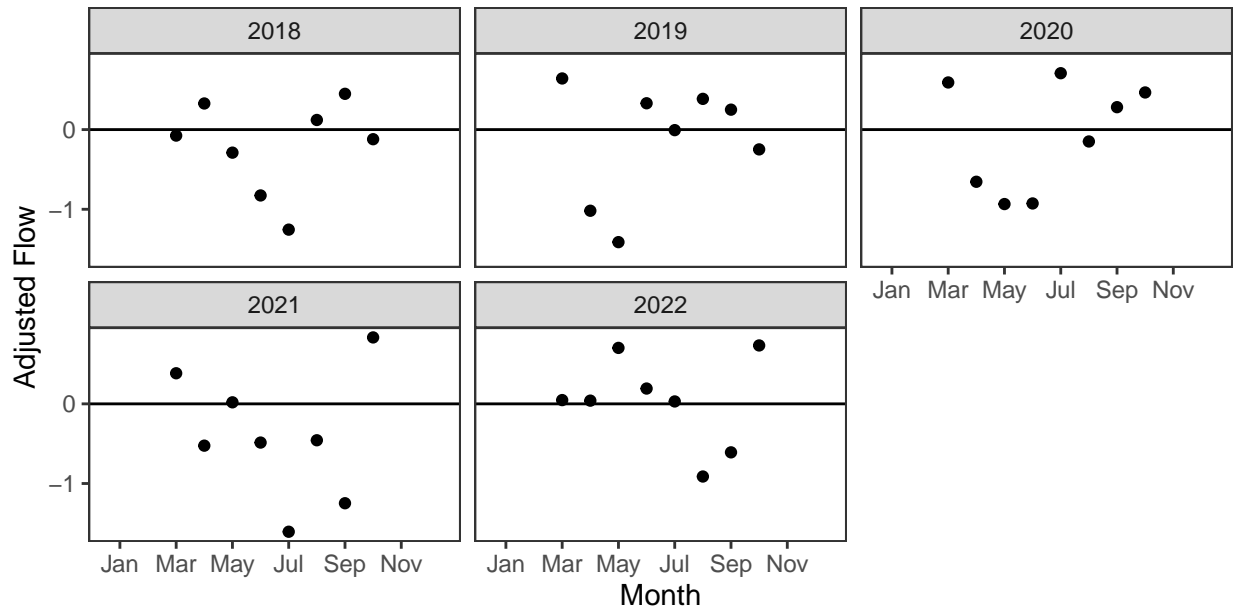
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

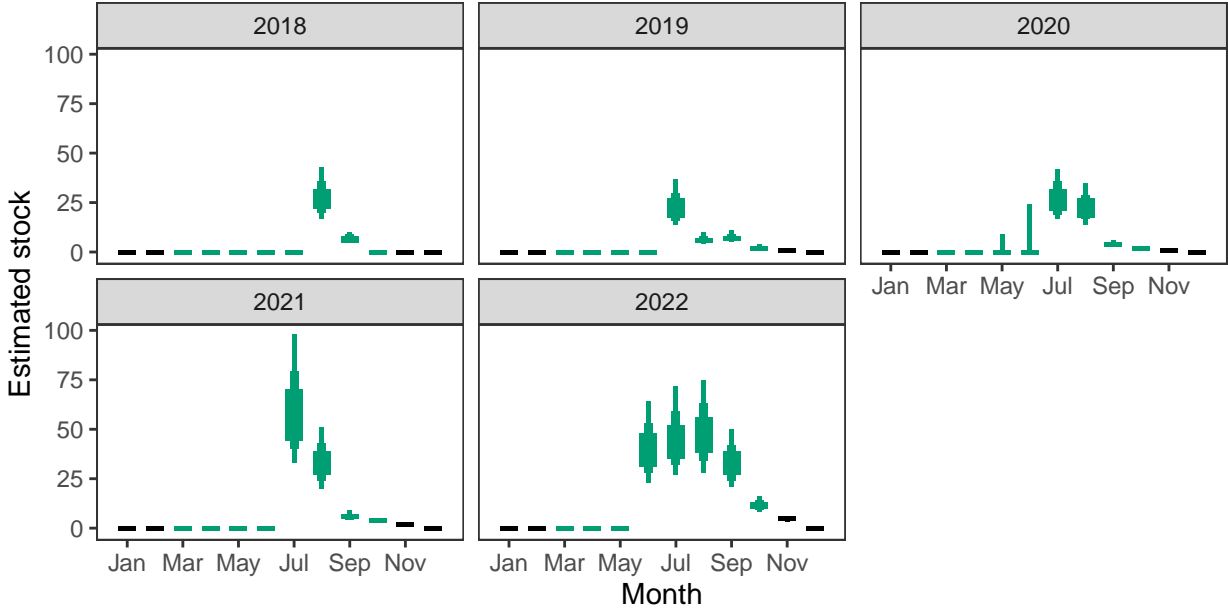
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

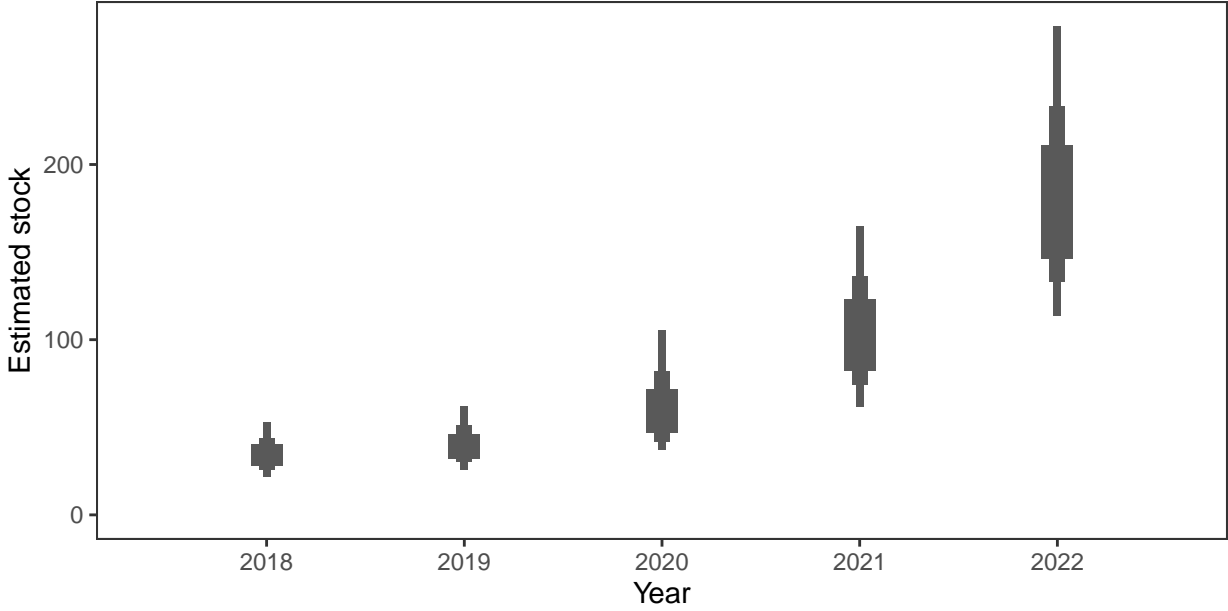


*Monthly stock estimates (out of season in black)*



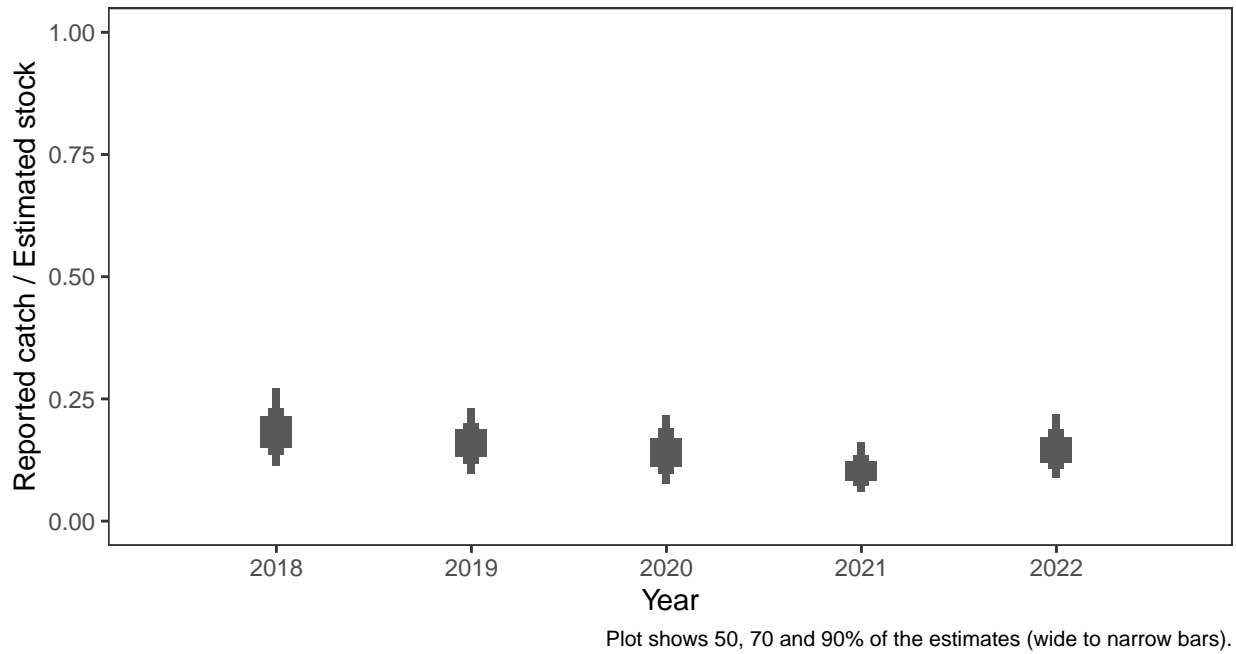
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



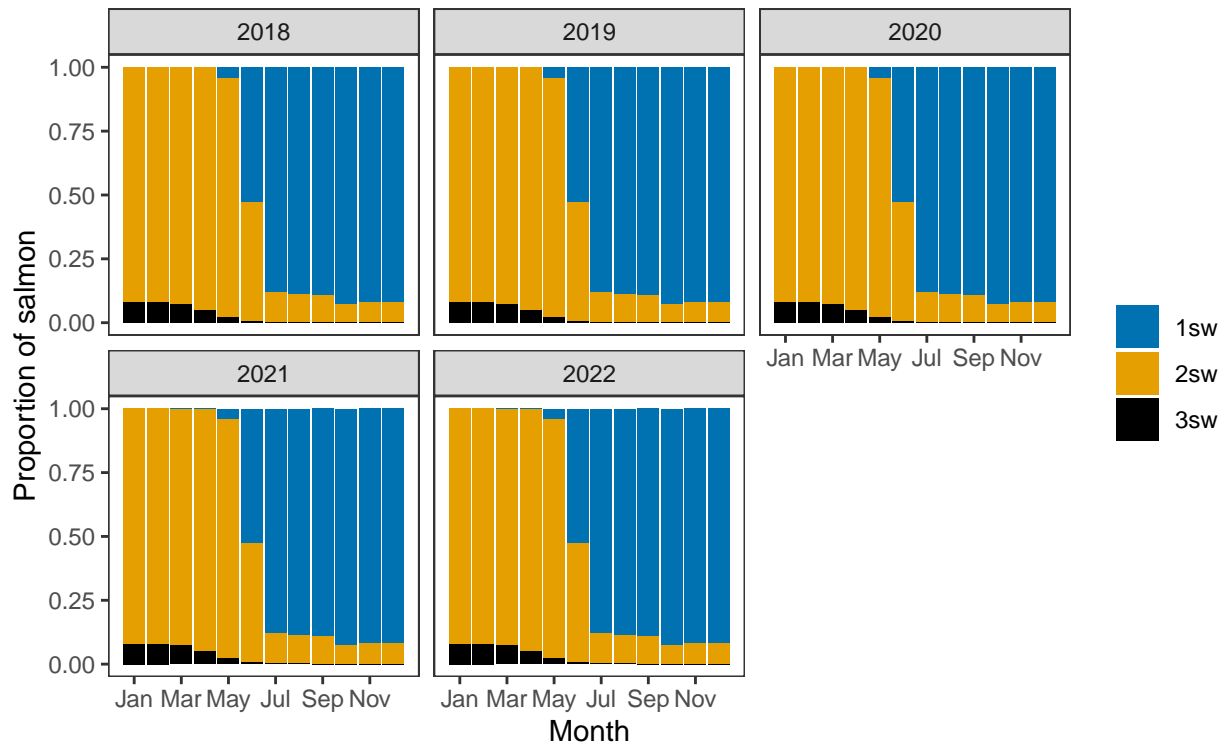
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

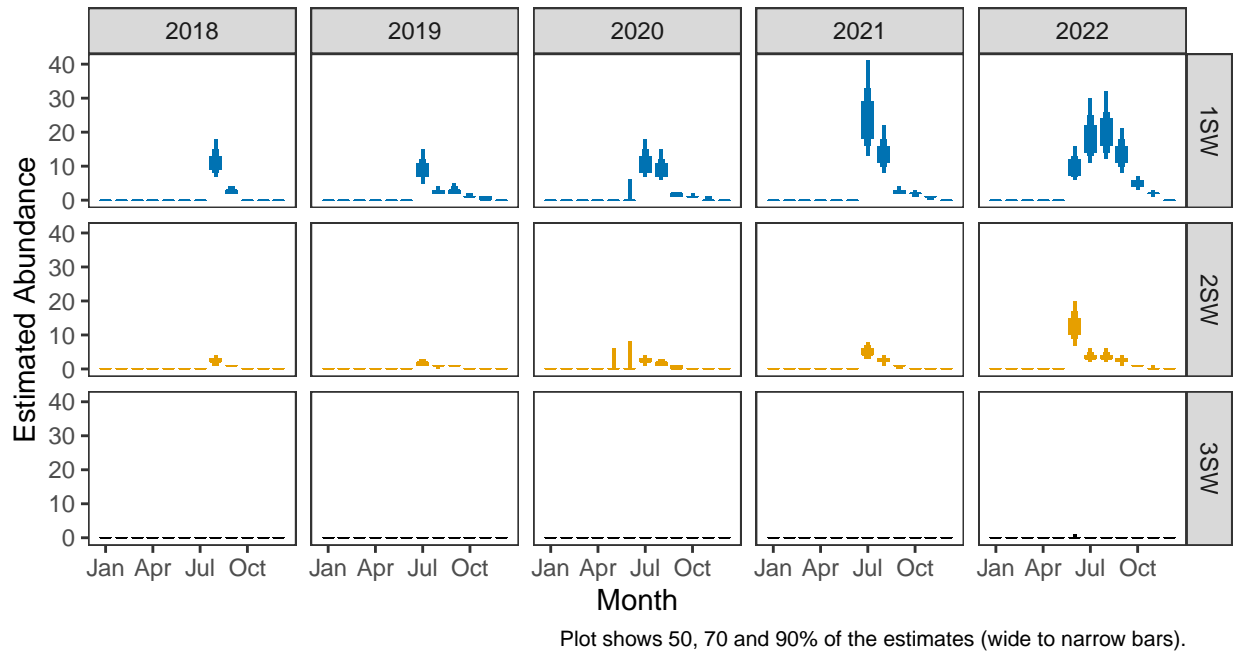


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

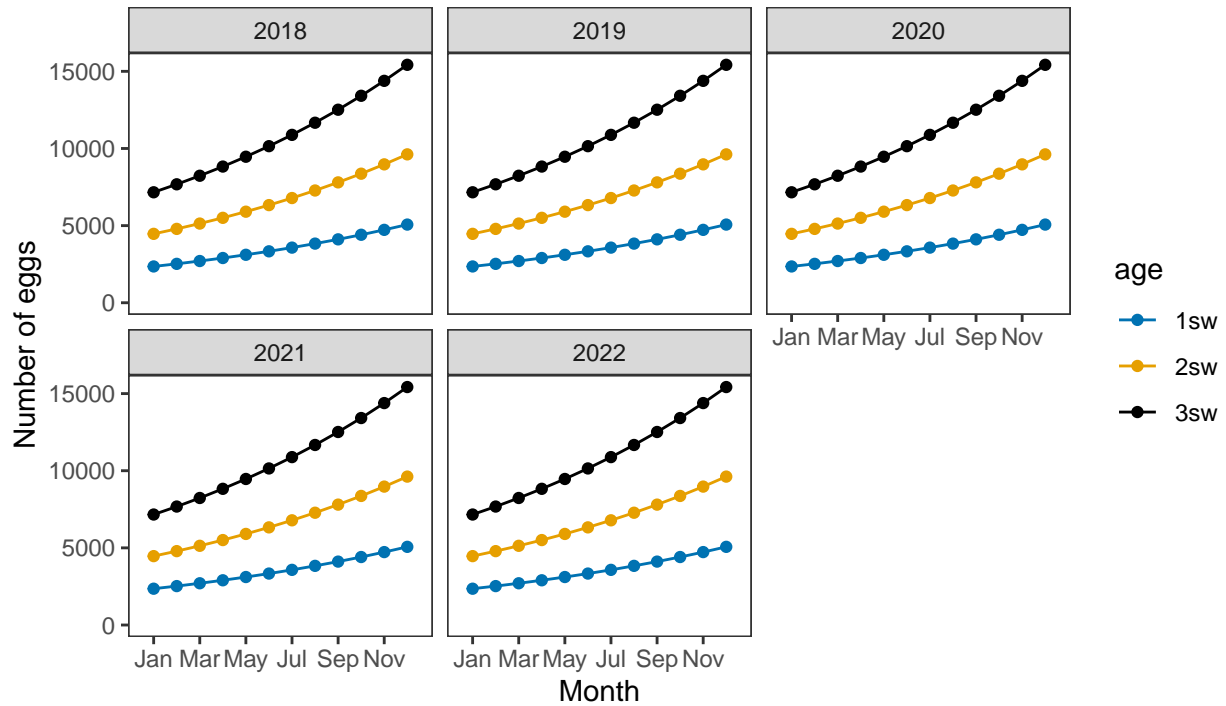


*Monthly number of spawning females*

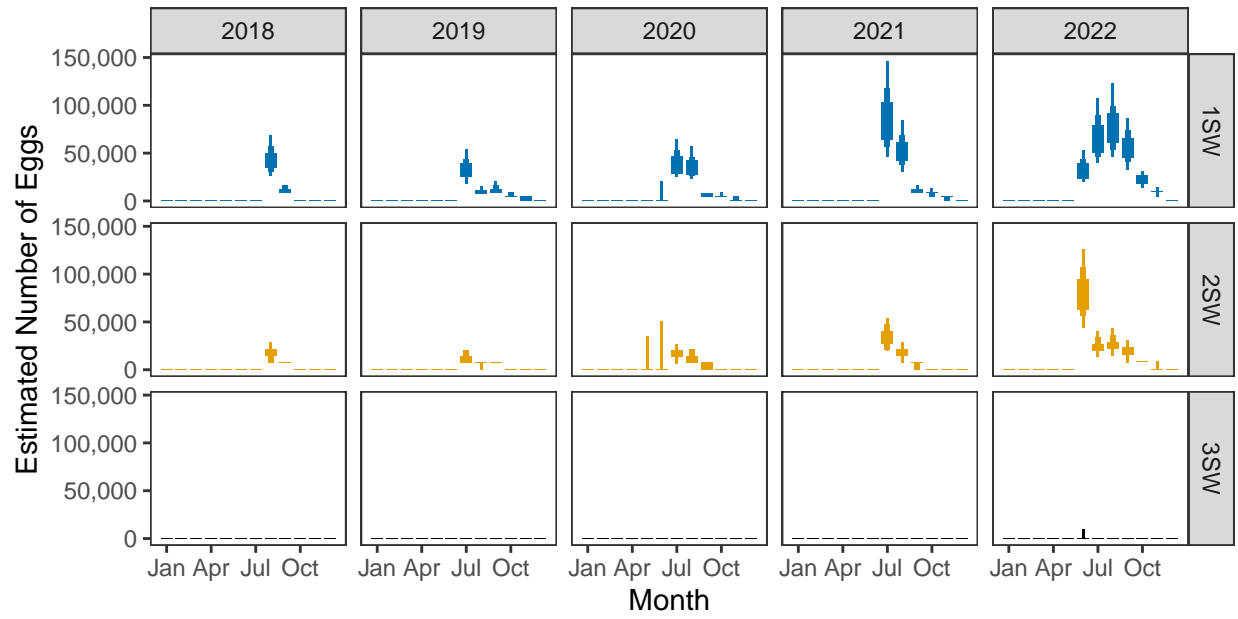


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

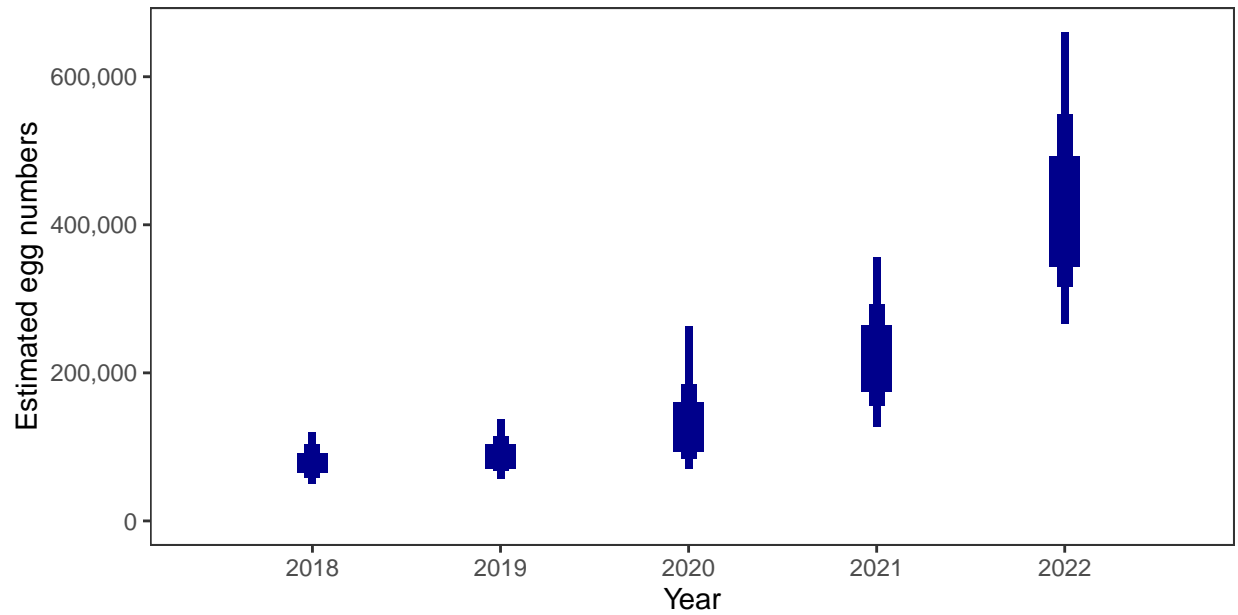


*Monthly number of eggs*



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).

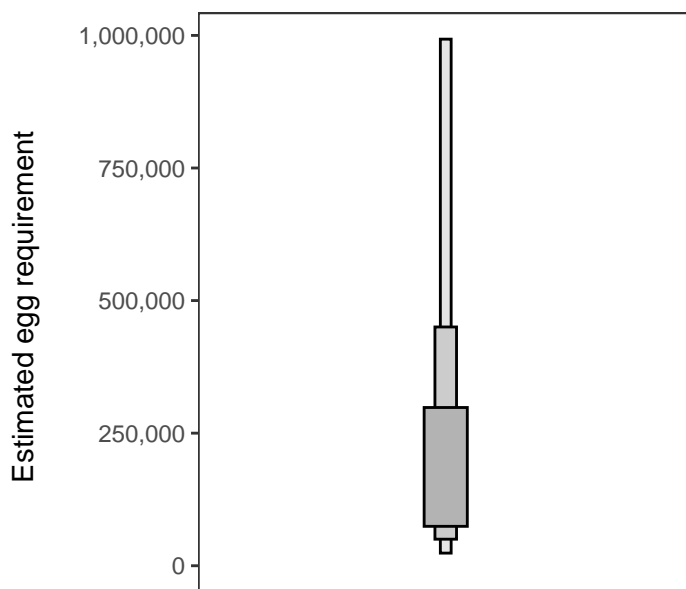
Year	Percentage above
2018	26.34
2019	30.33
2020	43.86
2021	63.25
2022	82.22

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

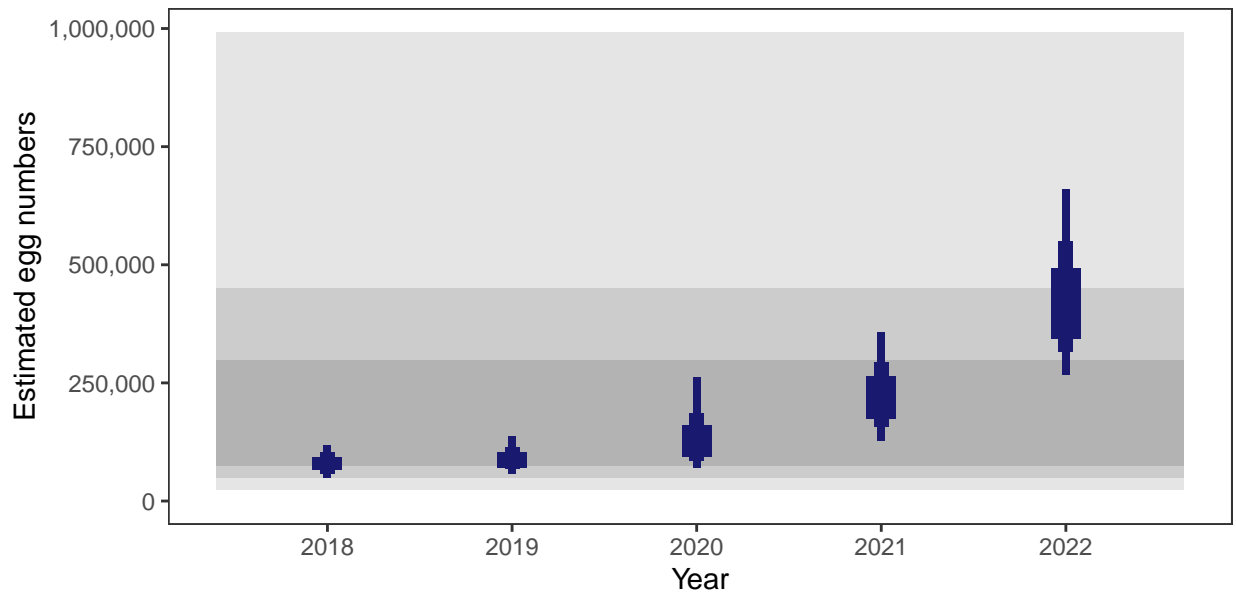
There is an estimated 109,663 square meters of known salmon habitat in the Barr Water and a further 8,192 square meters where salmon may be present.

##### *Egg requirement*



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

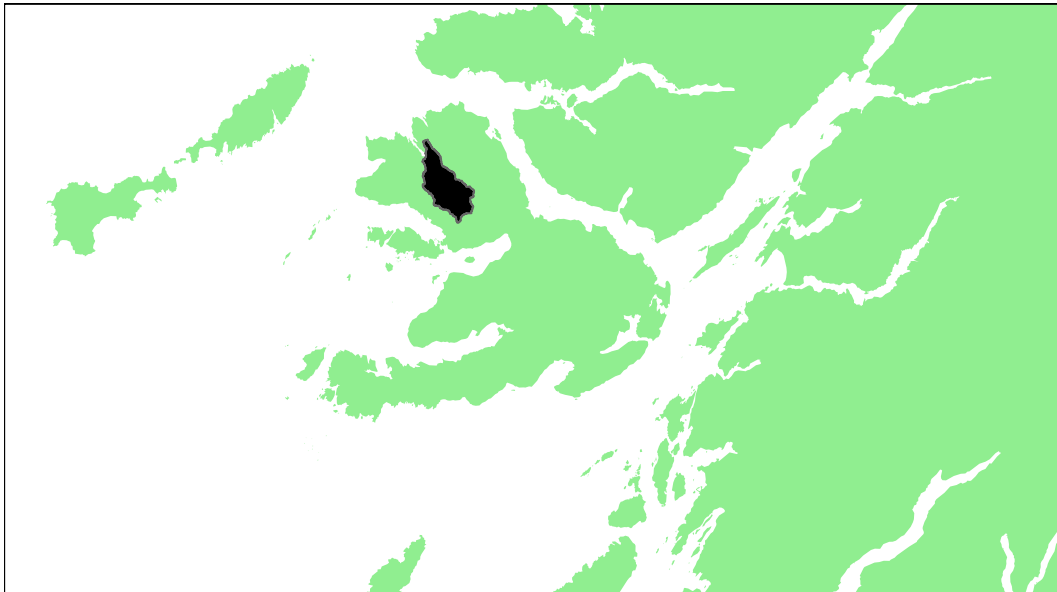
5. Percentage chance that the egg requirement has been reached



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 Bellart: Grade 3



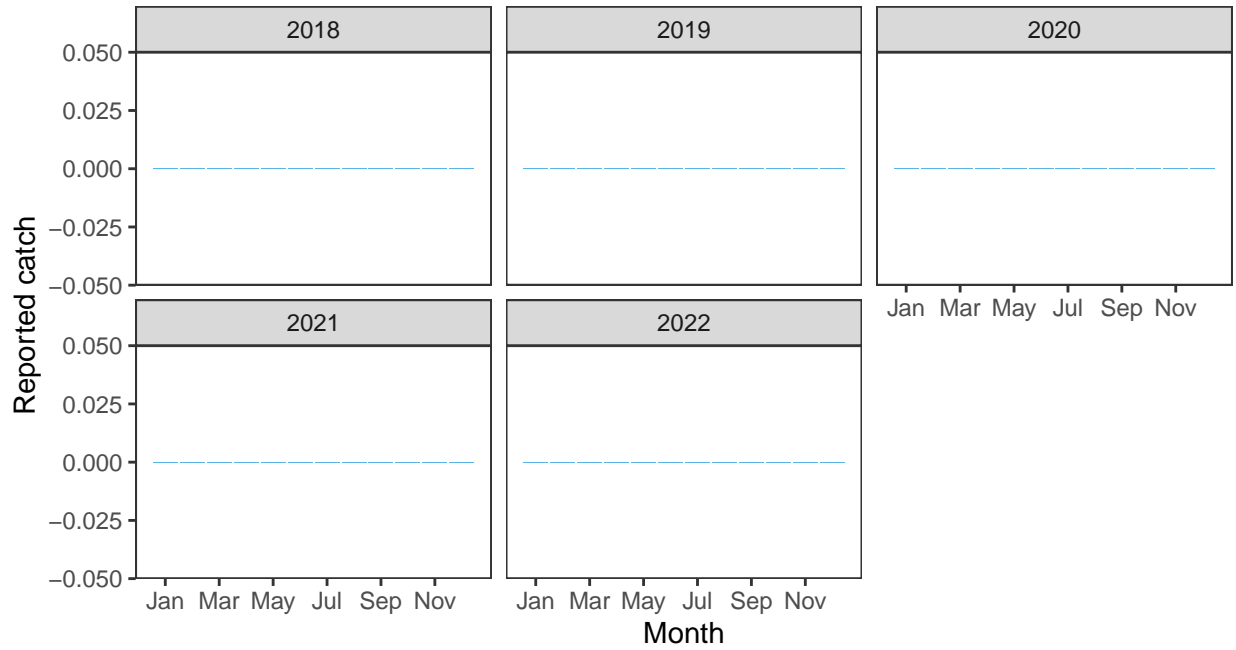
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.43	81,000	115,000	0	0	0.4	0.02	0	0.00084	3

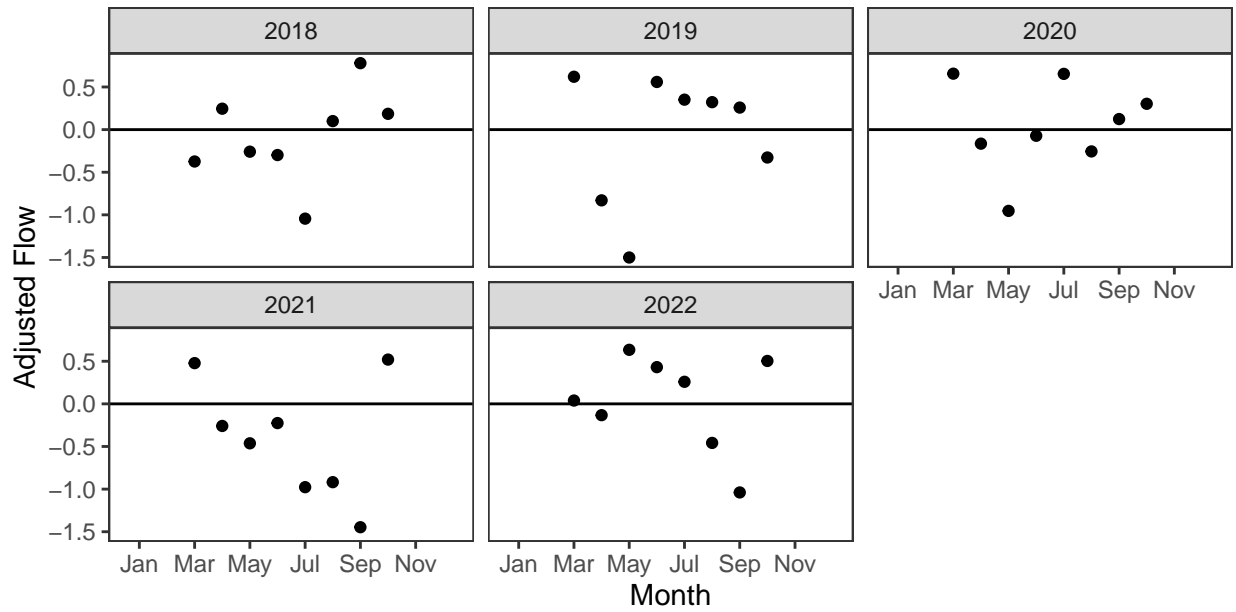
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

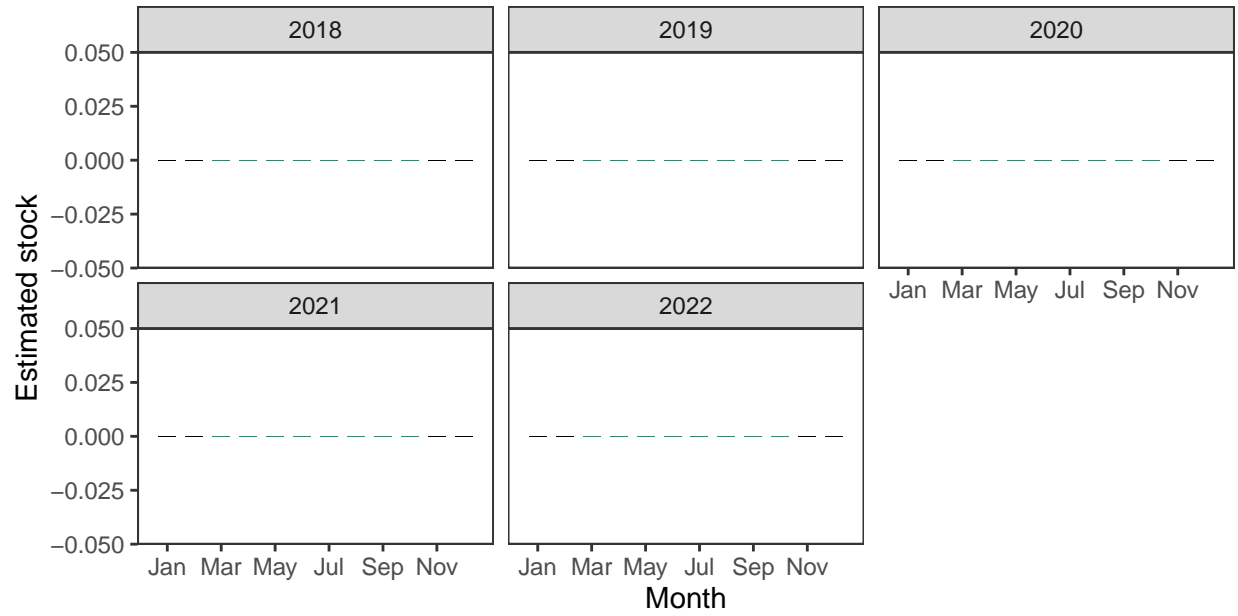
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

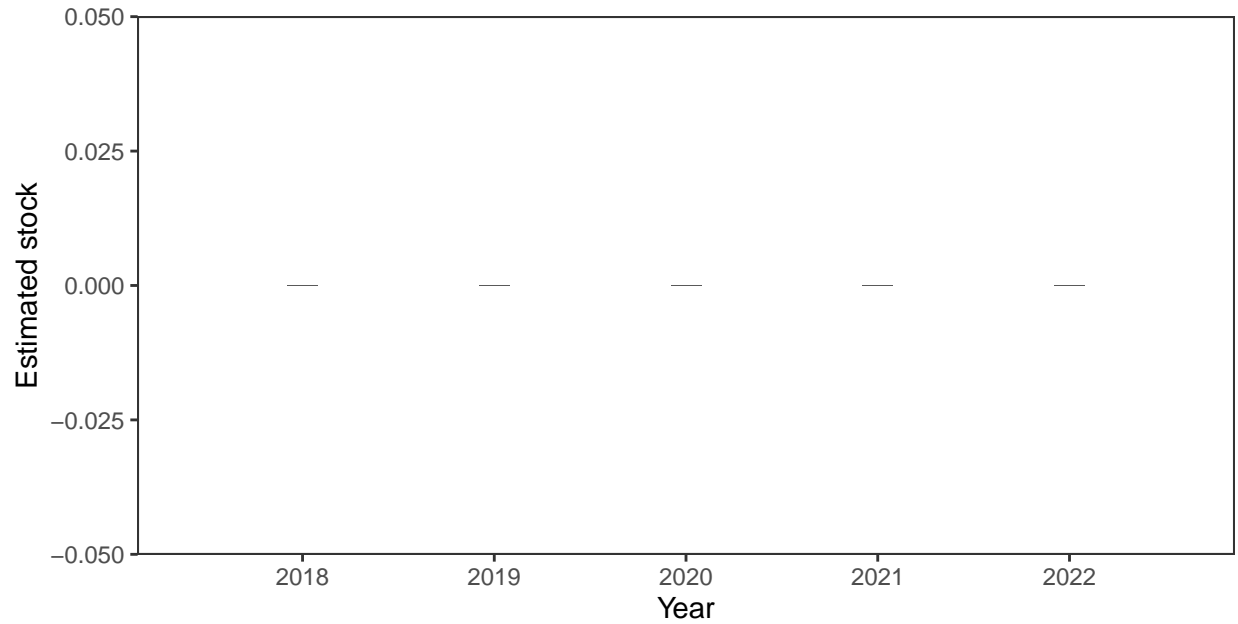


*Monthly stock estimates (out of season in black)*



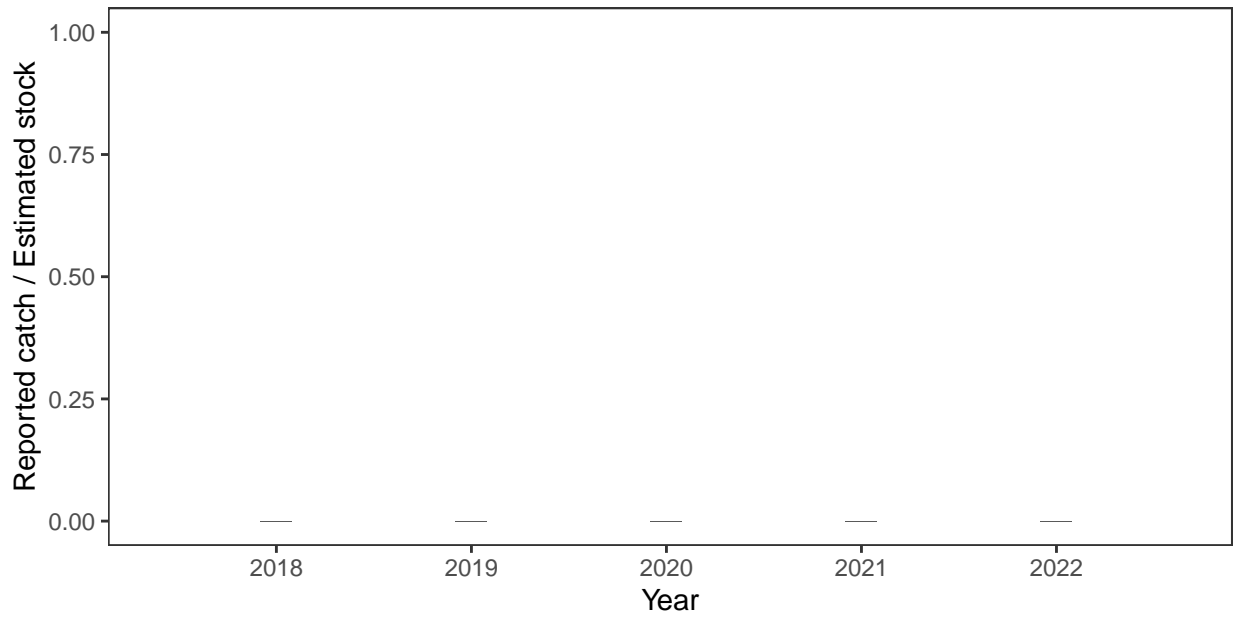
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



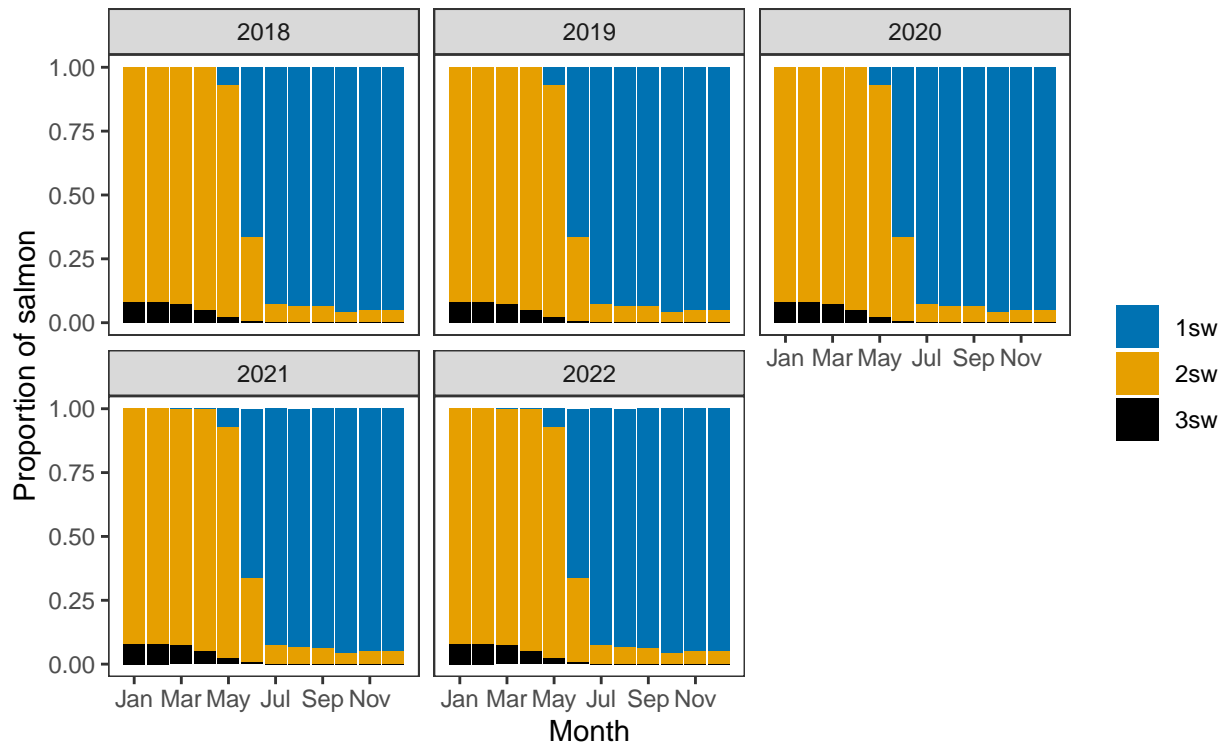
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

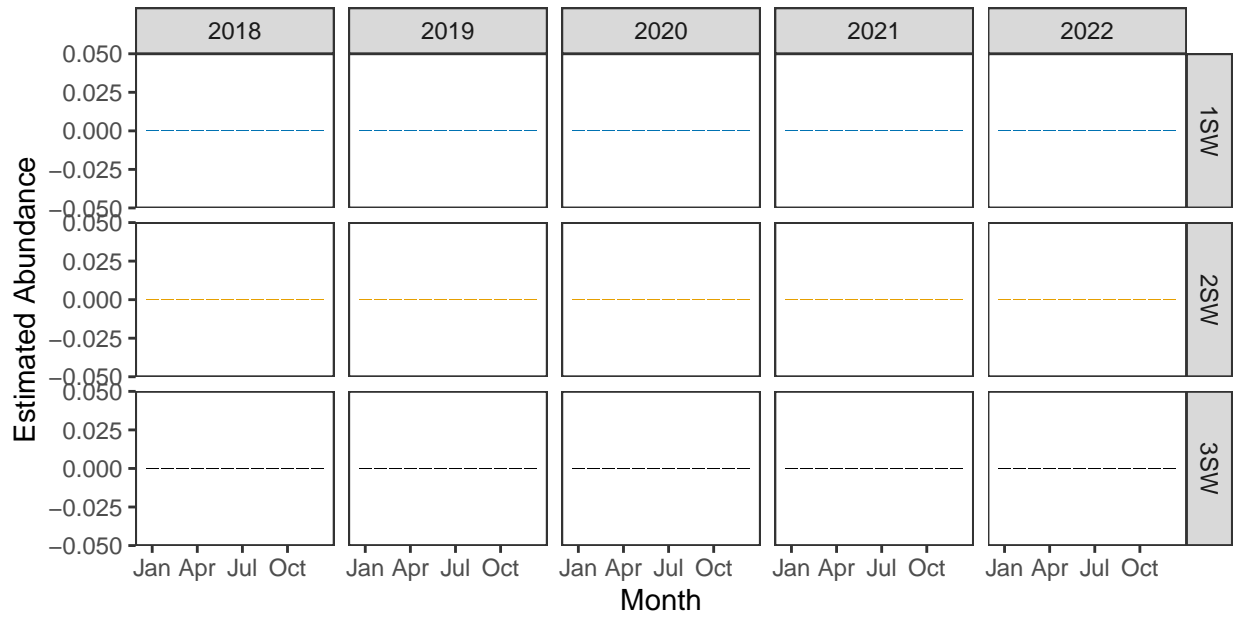


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



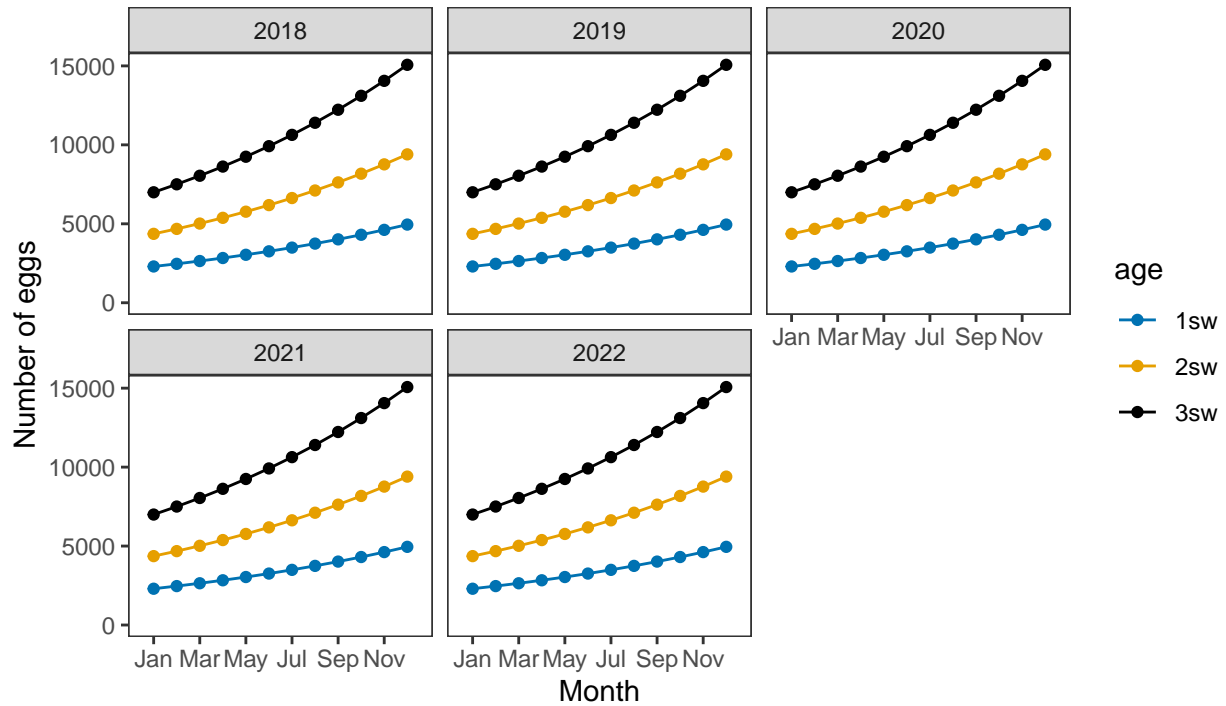
*Monthly number of spawning females*



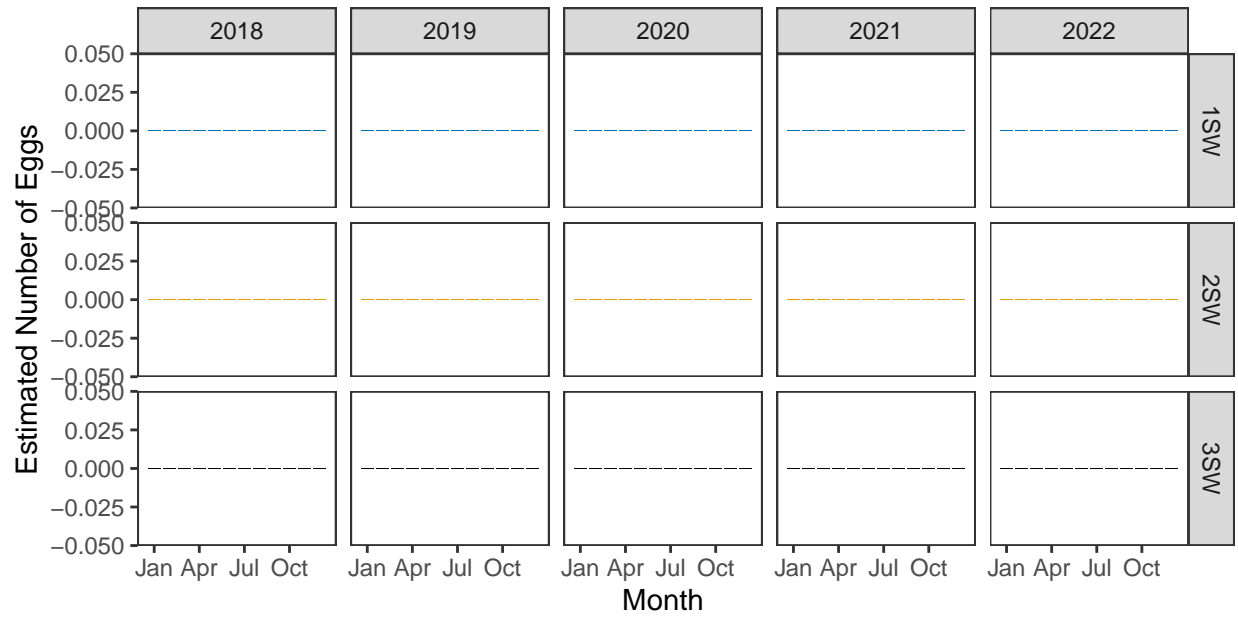
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

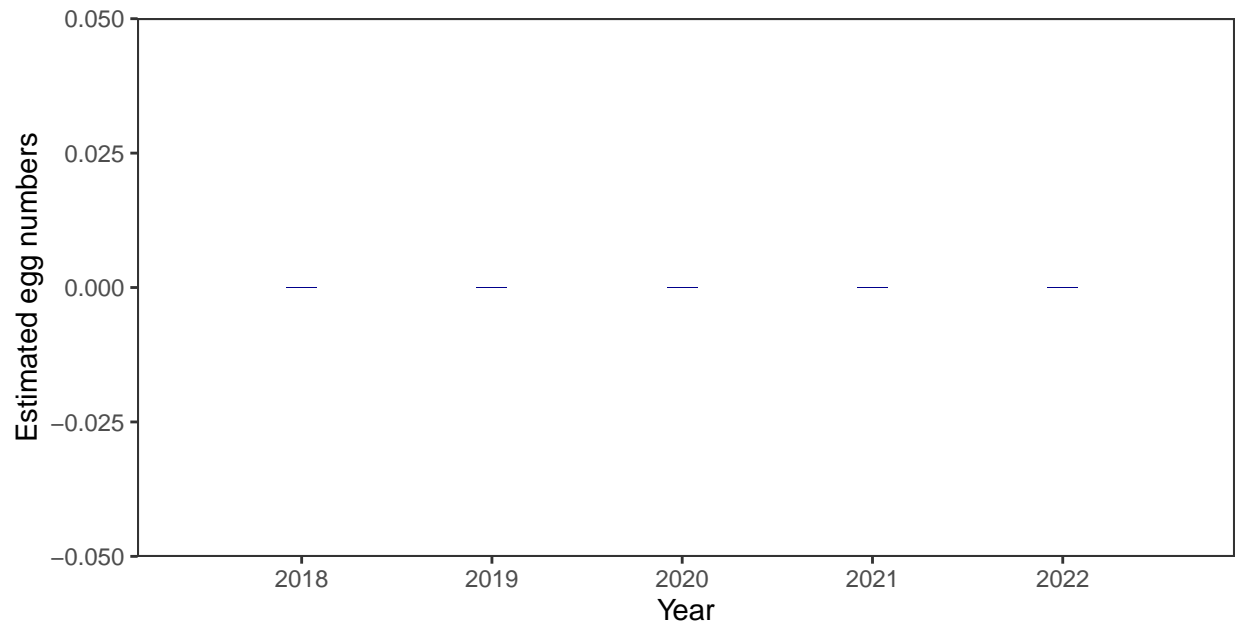


*Monthly number of eggs*



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).

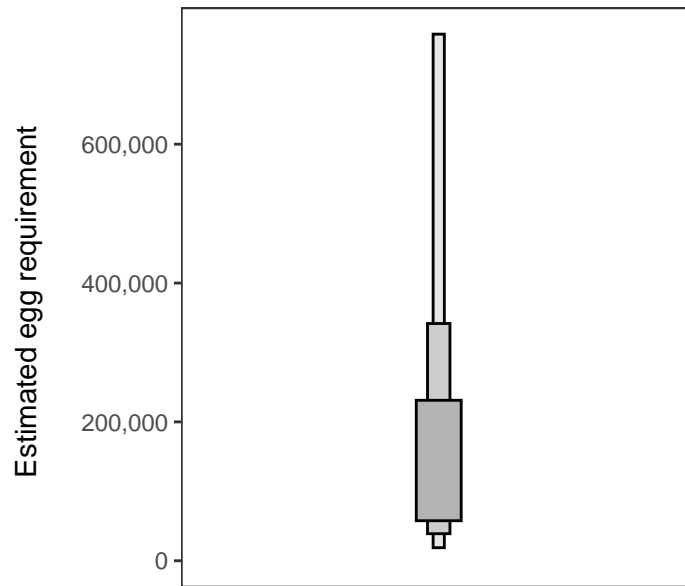
Year	Percentage above
2018	-
2019	-
2020	0.40
2021	0.02
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

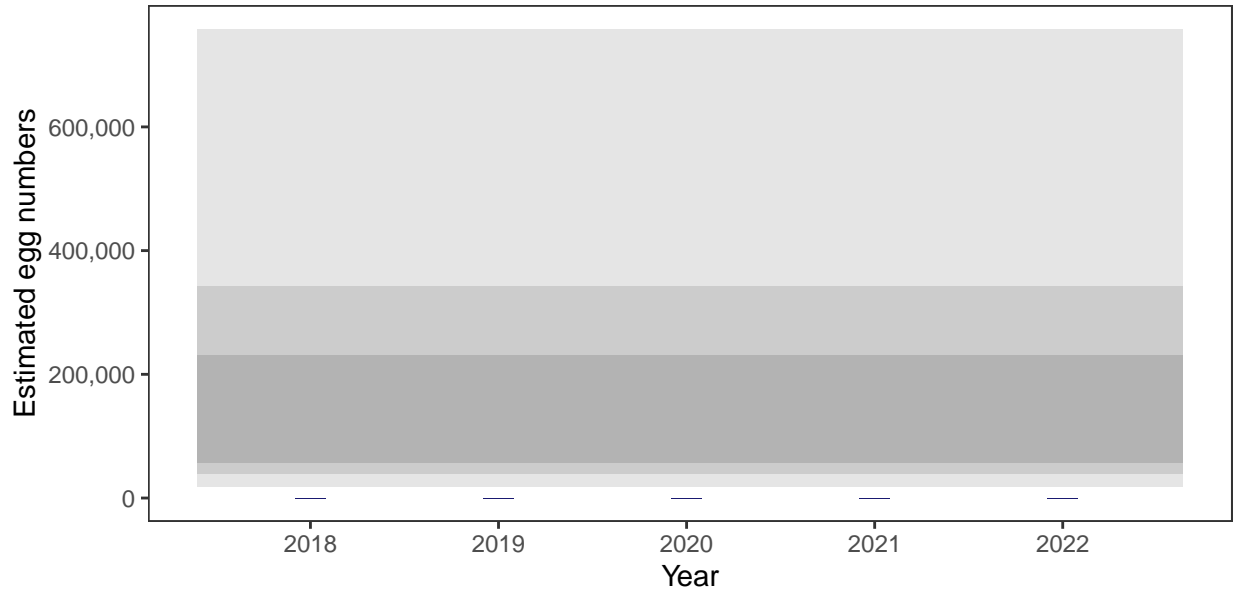
There is an estimated 86,994 square meters of known salmon habitat in the River Bellart and a further 9,204 square meters where salmon may be present.

##### *Egg requirement*



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

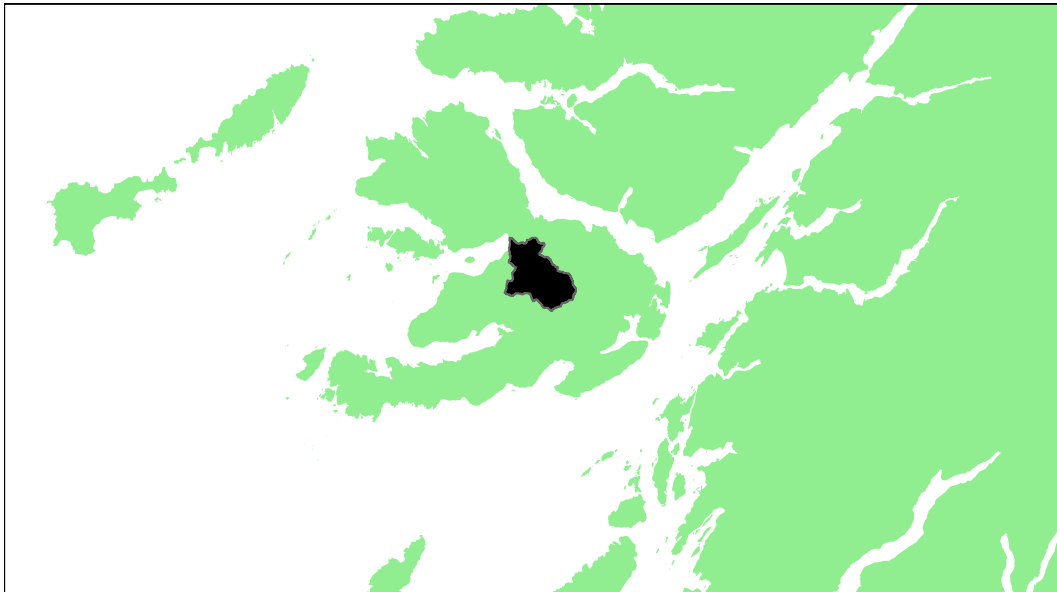
5. Percentage chance that the egg requirement has been reached



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 Ba: Grade 1



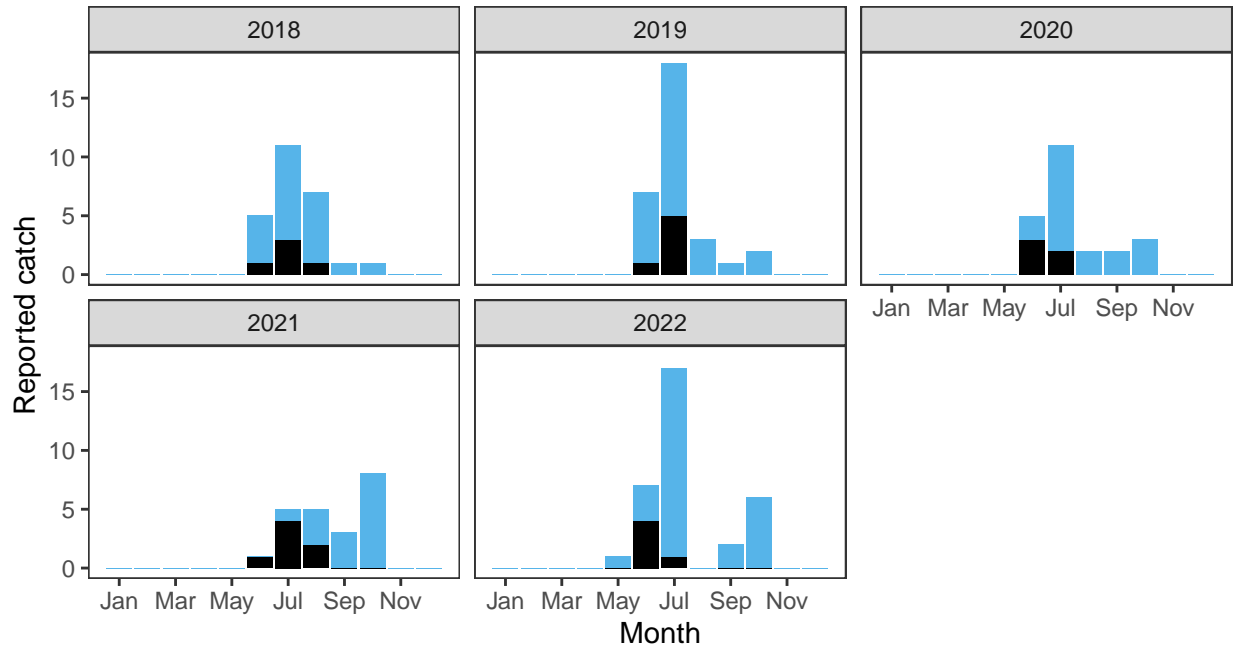
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.41	125,000	175,000	86.49	85.25	80.81	73.5	86.94	0.82598	1

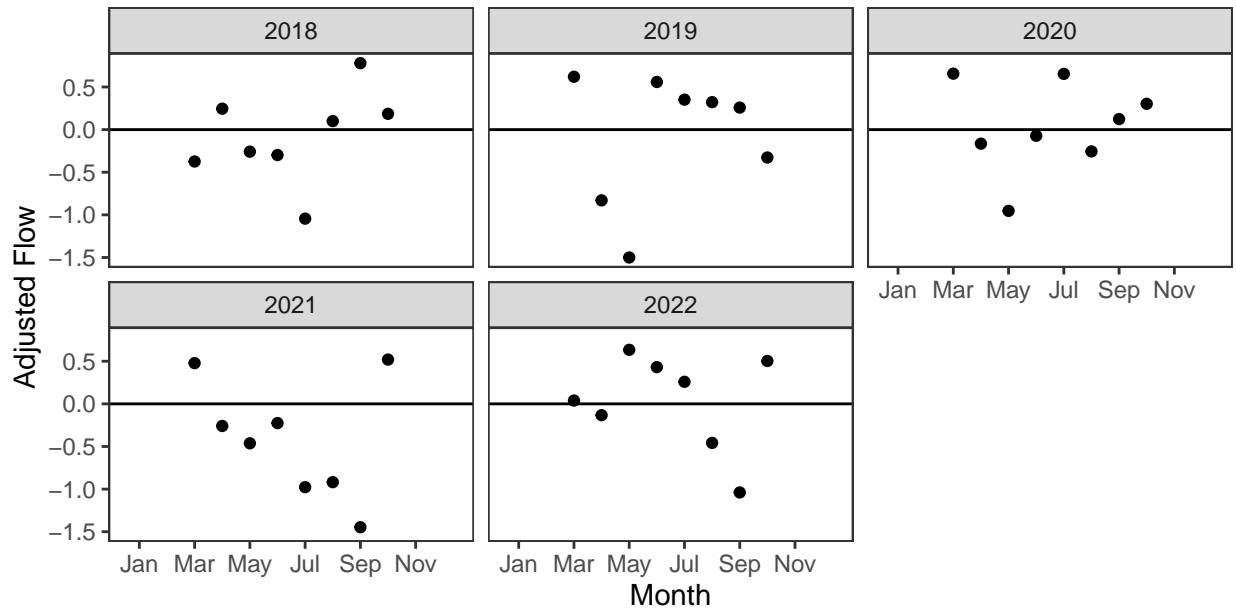
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

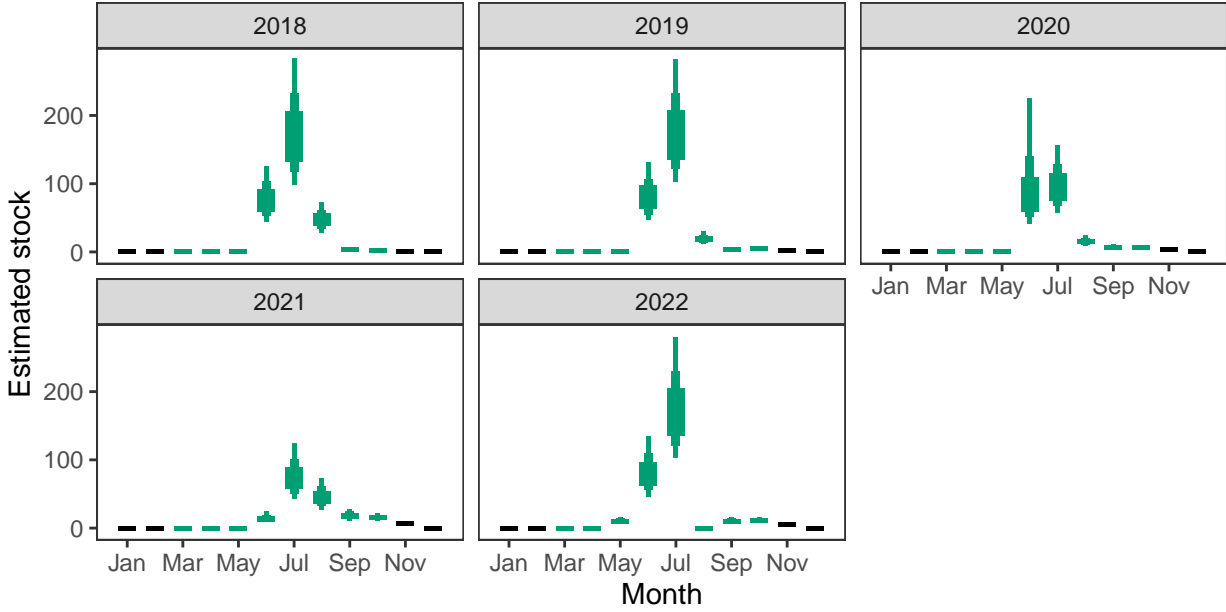
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

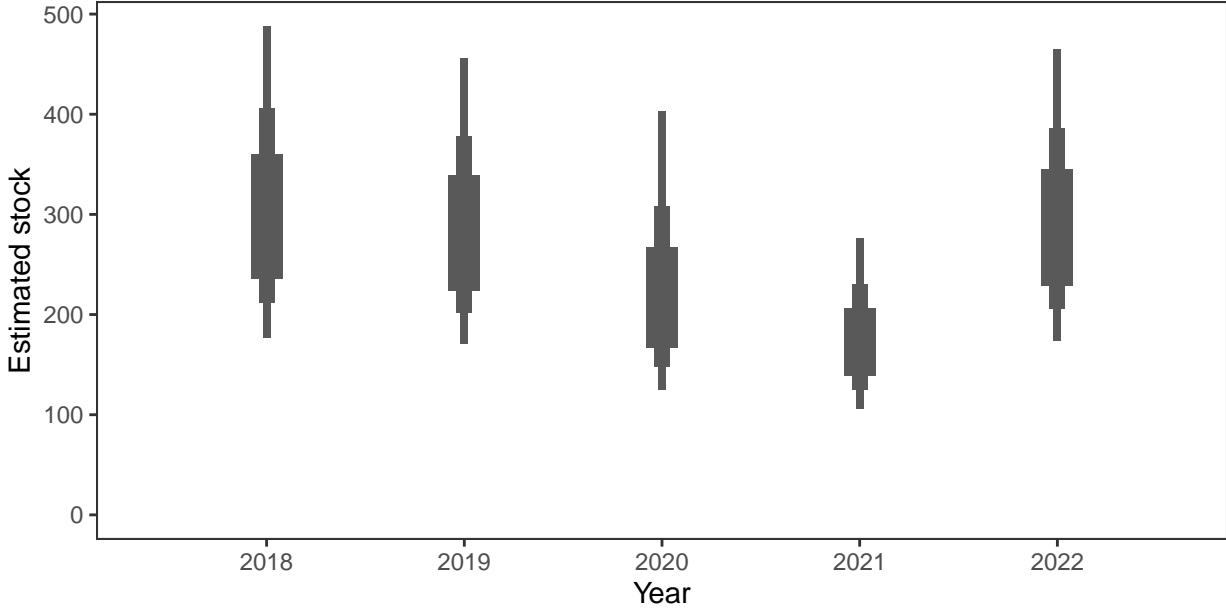


*Monthly stock estimates (out of season in black)*



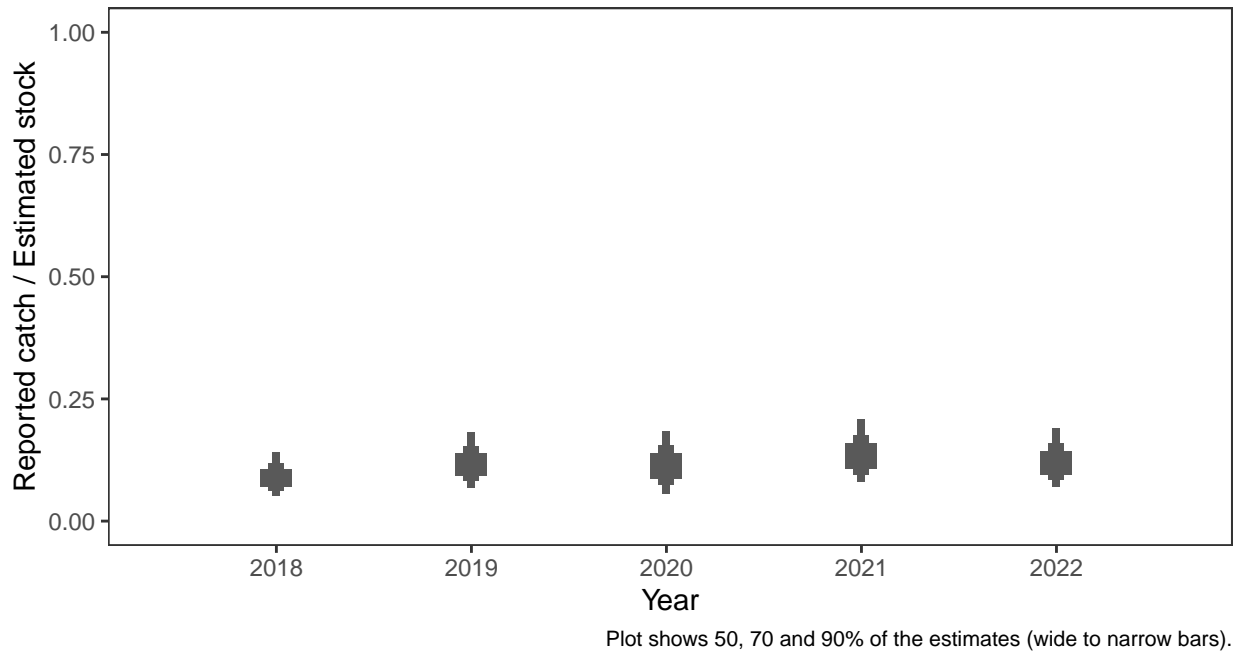
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



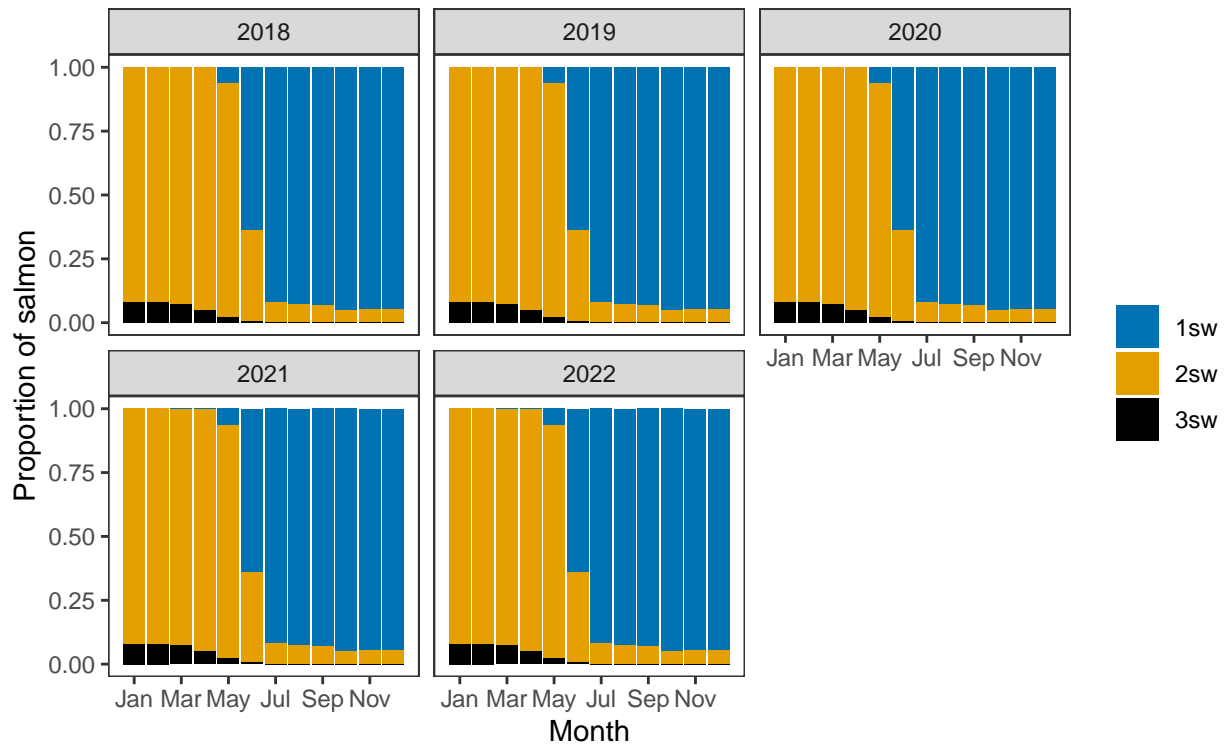
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

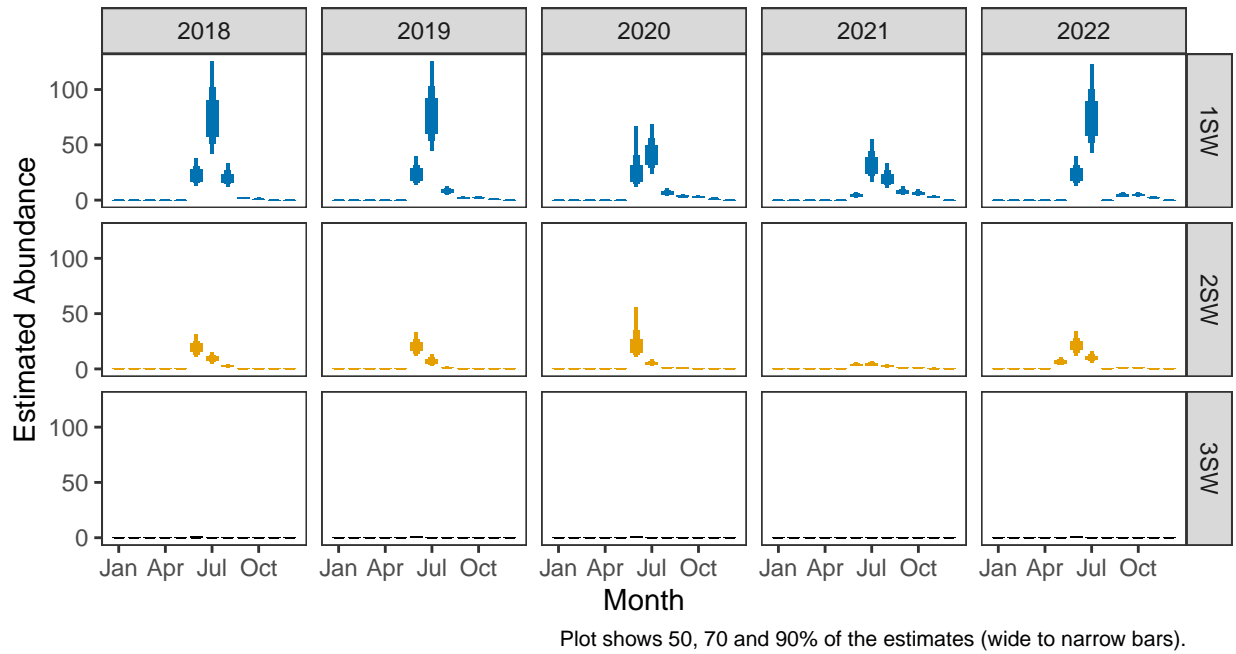


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

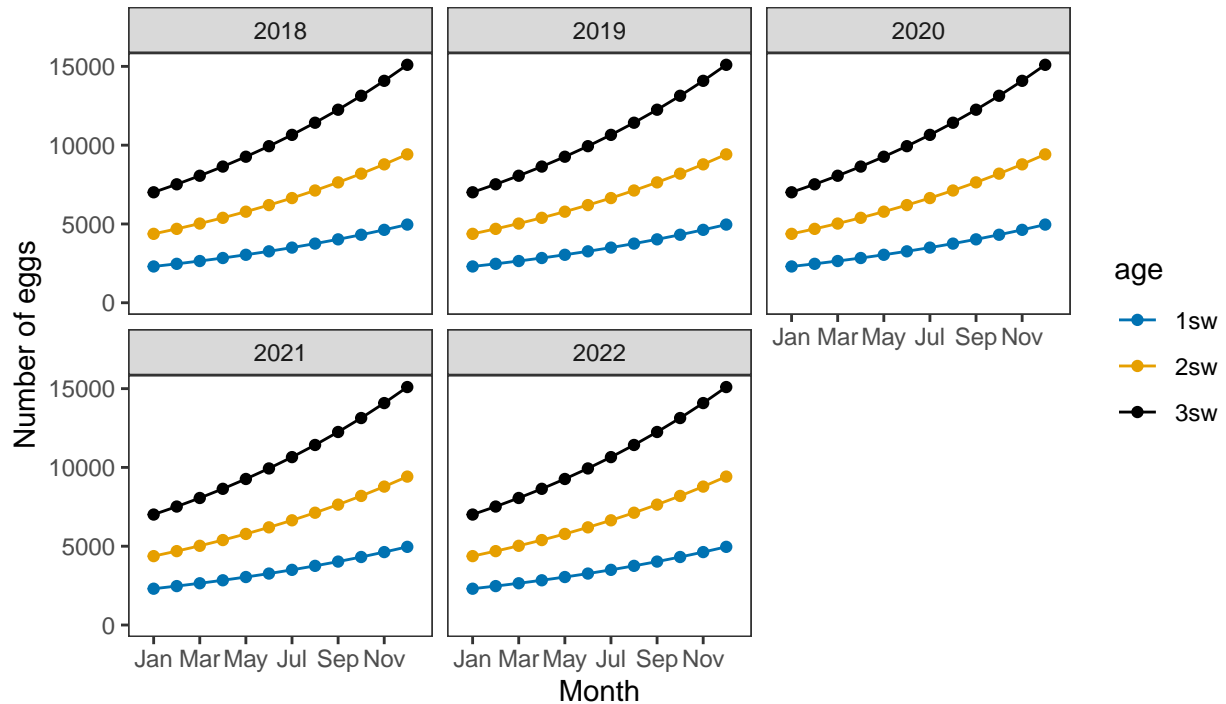


*Monthly number of spawning females*

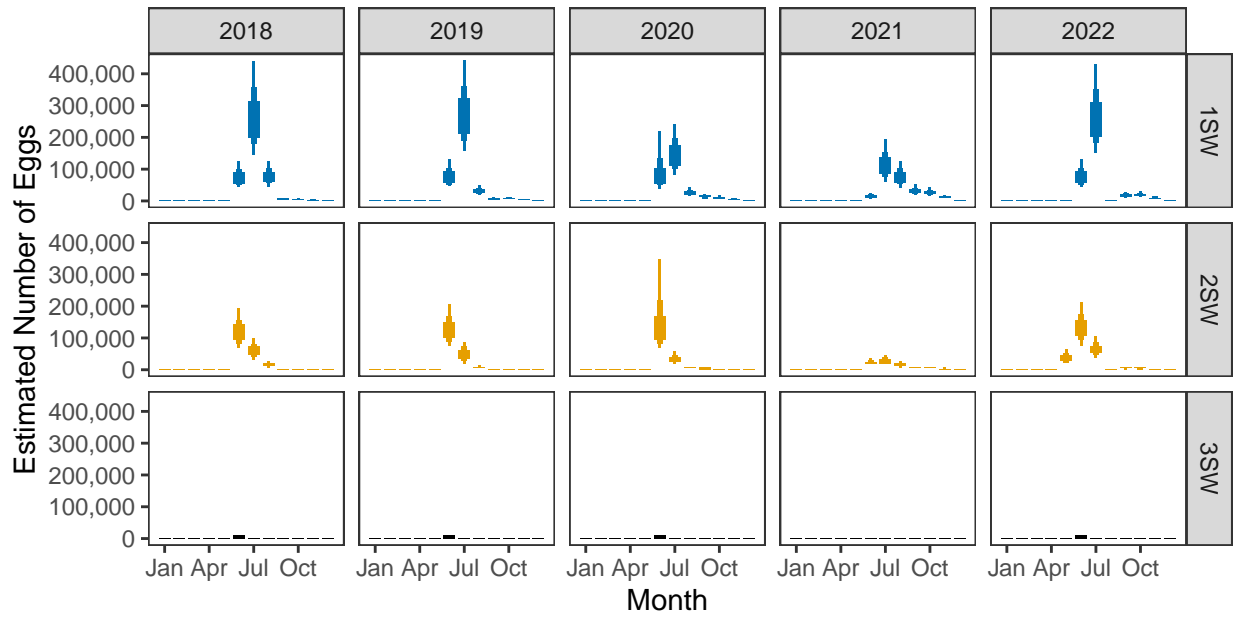


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

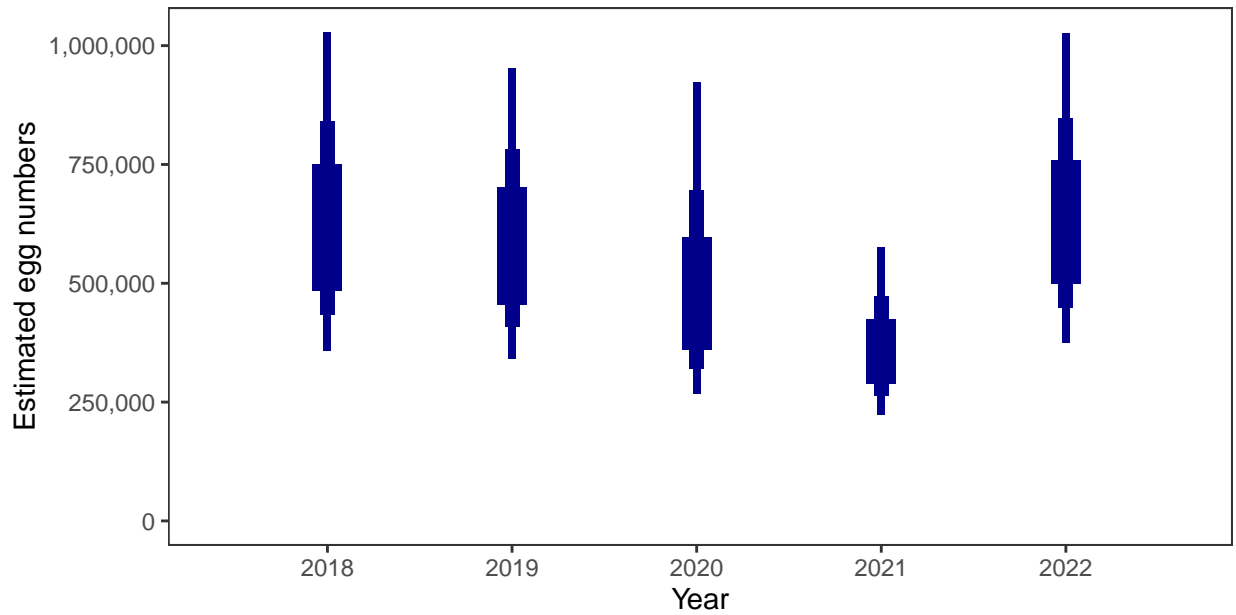


*Monthly number of eggs*



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).

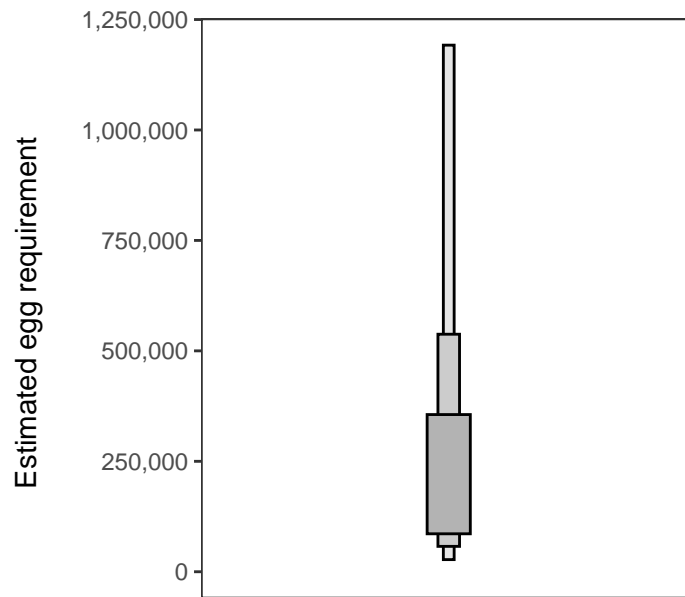
Year	Percentage above
2018	86.49
2019	85.25
2020	80.81
2021	73.50
2022	86.94

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

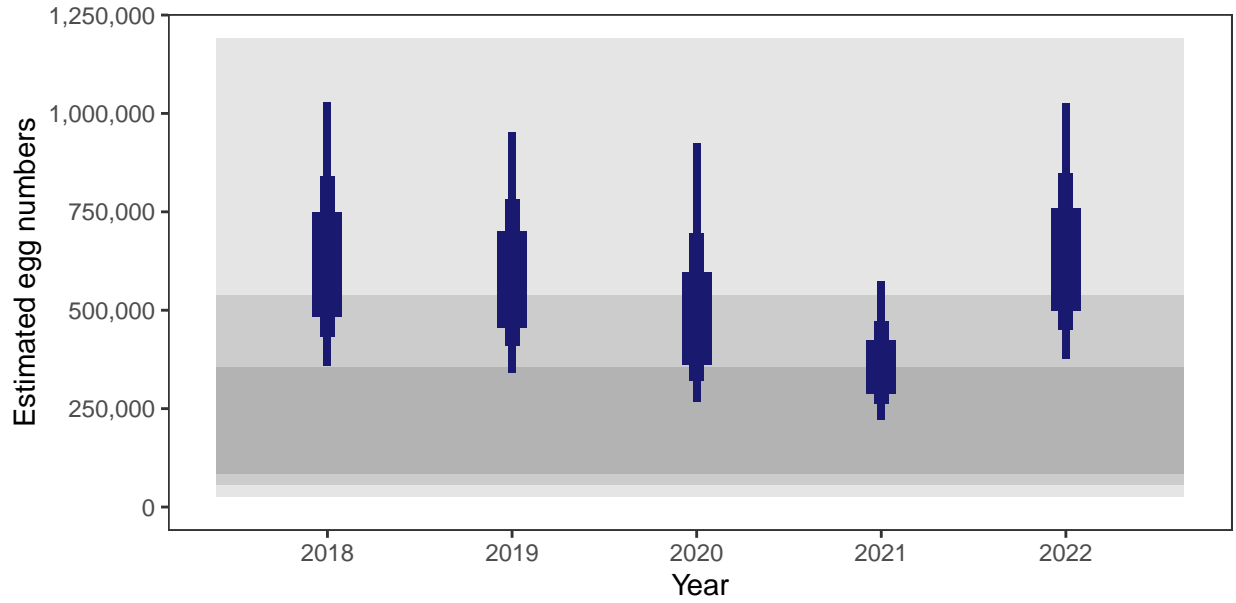
There is an estimated 112,482 square meters of known salmon habitat in the River Ba and a further 57,972 square meters where salmon may be present.

##### *Egg requirement*



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

### 5. Percentage chance that the egg requirement has been reached



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)



## Coladoir and Leidle: Grade 3



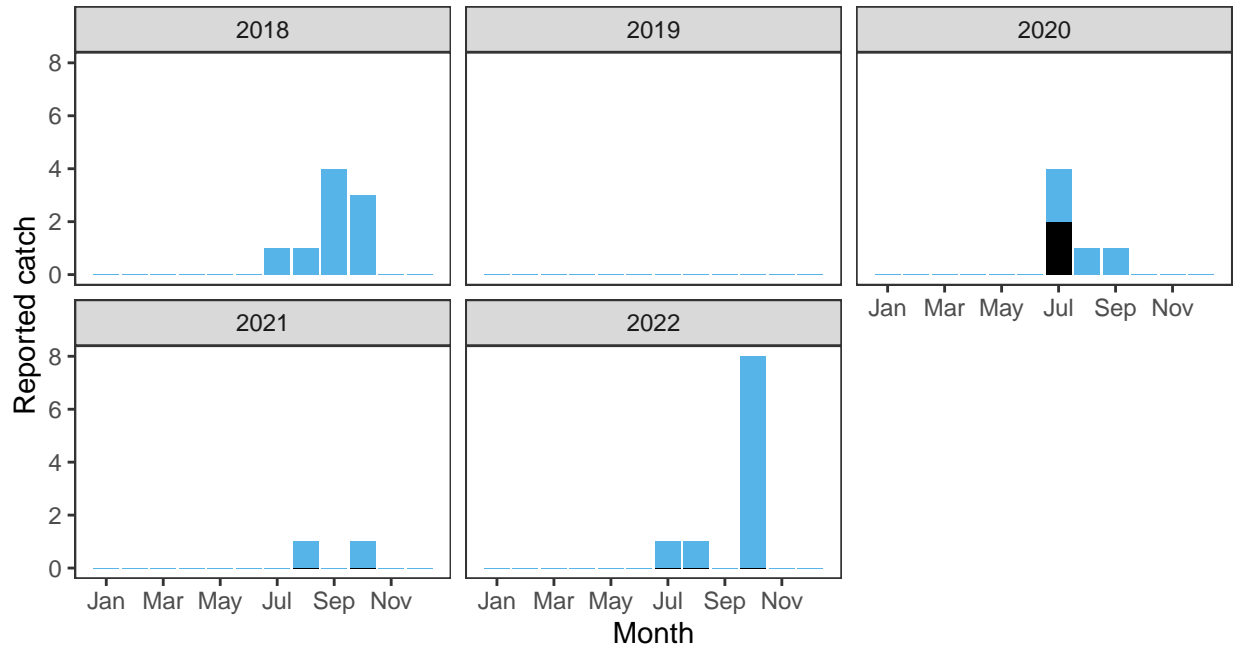
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.43	145,000	207,000	22.52	0	26.23	4.9	22.31	0.15192	3

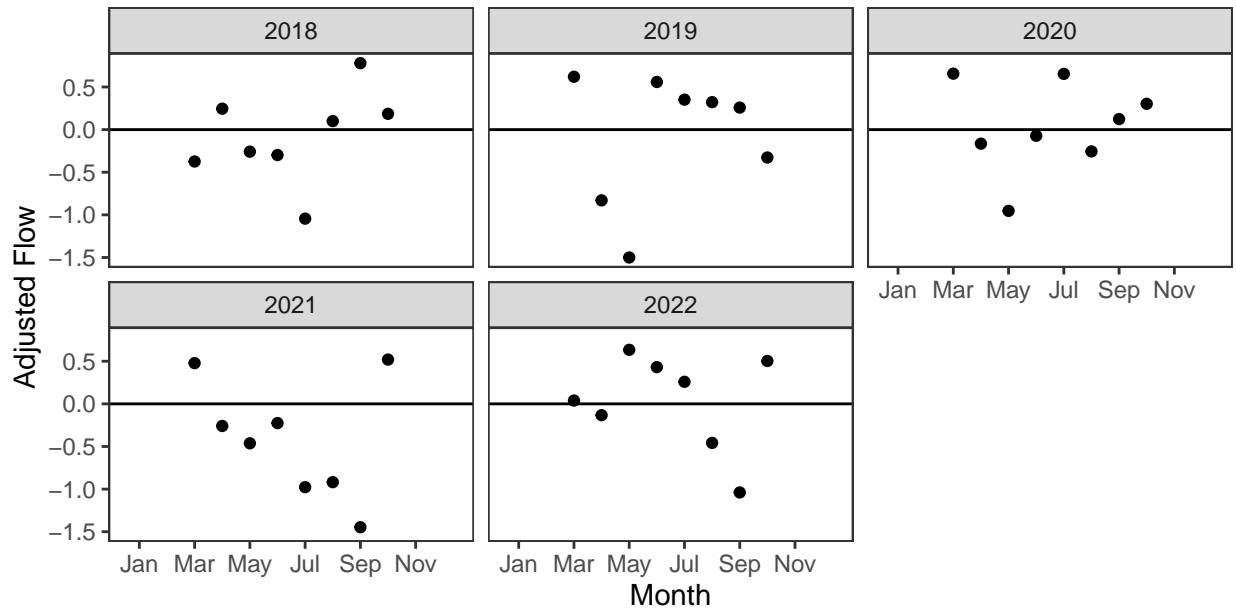
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

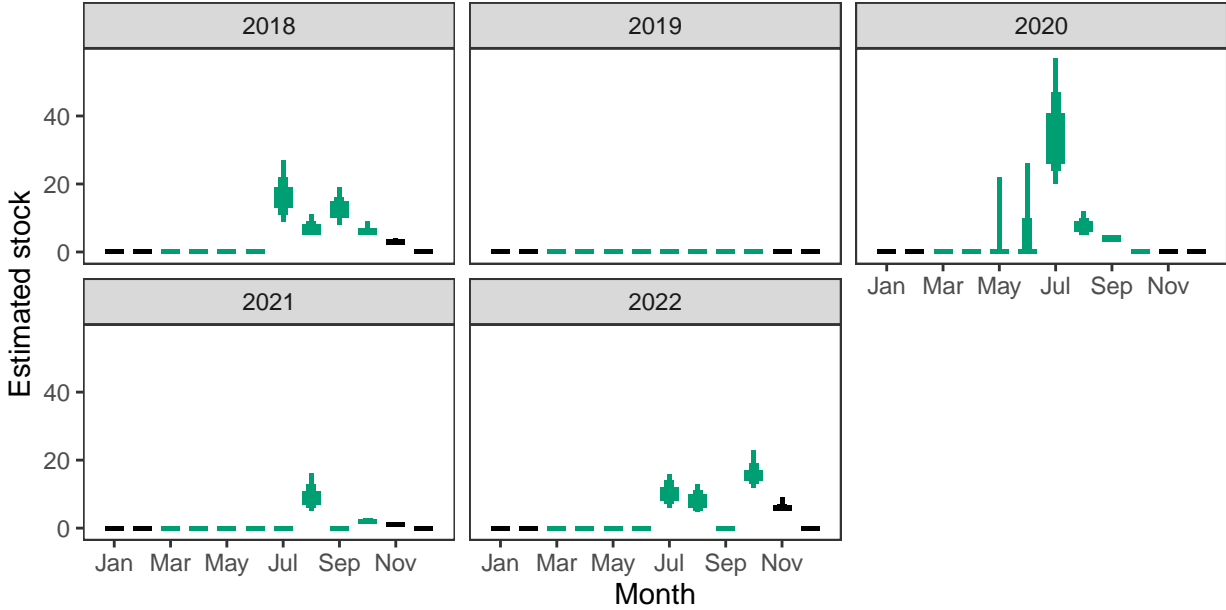
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

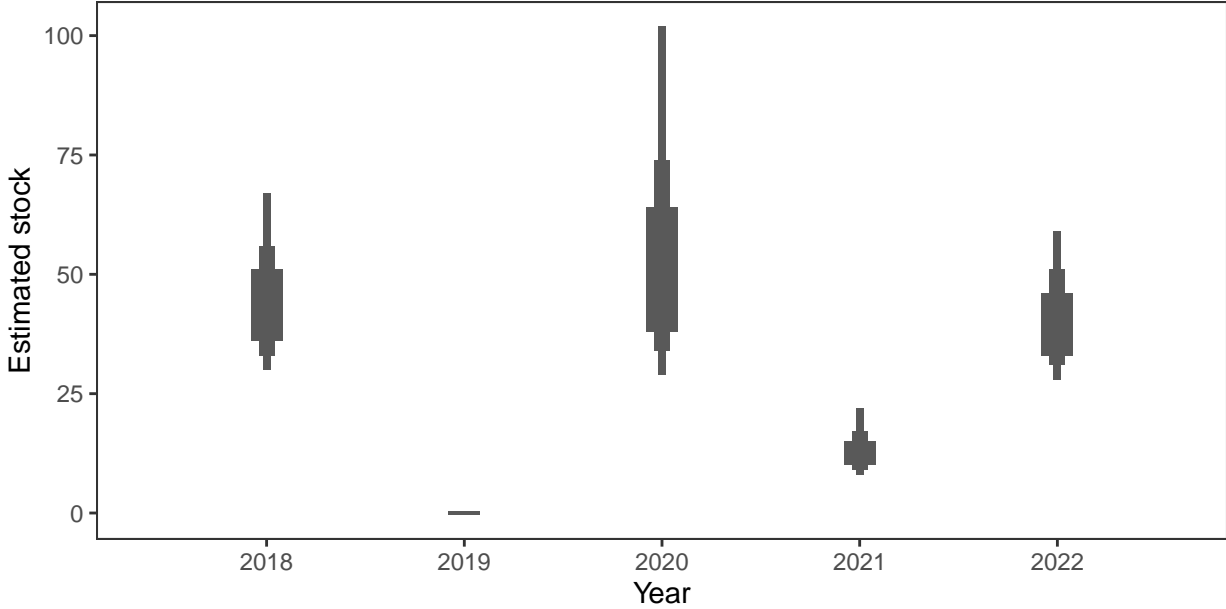


*Monthly stock estimates (out of season in black)*



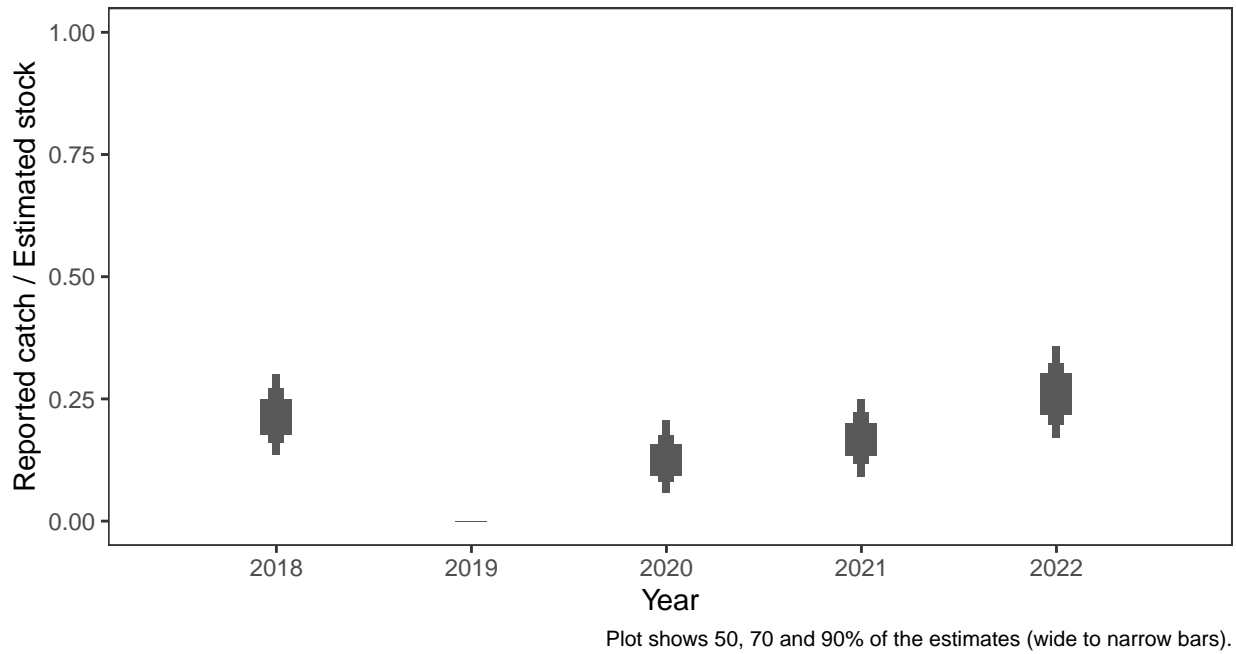
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



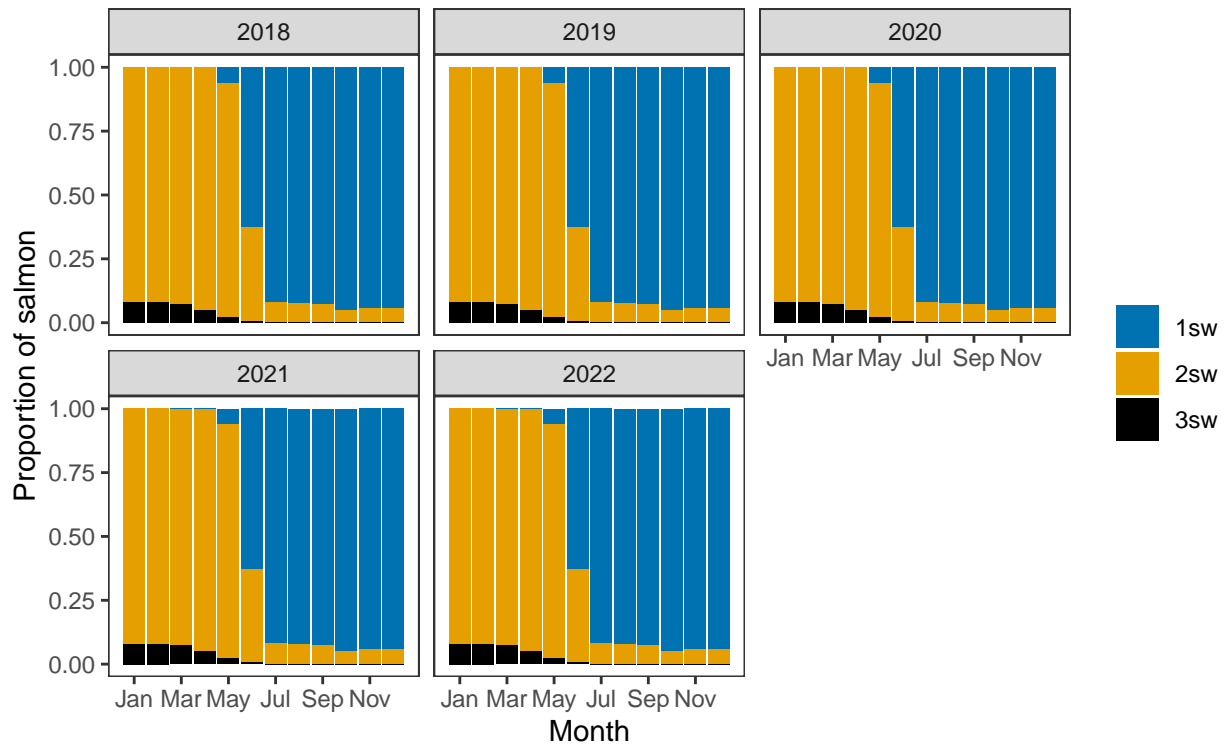
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

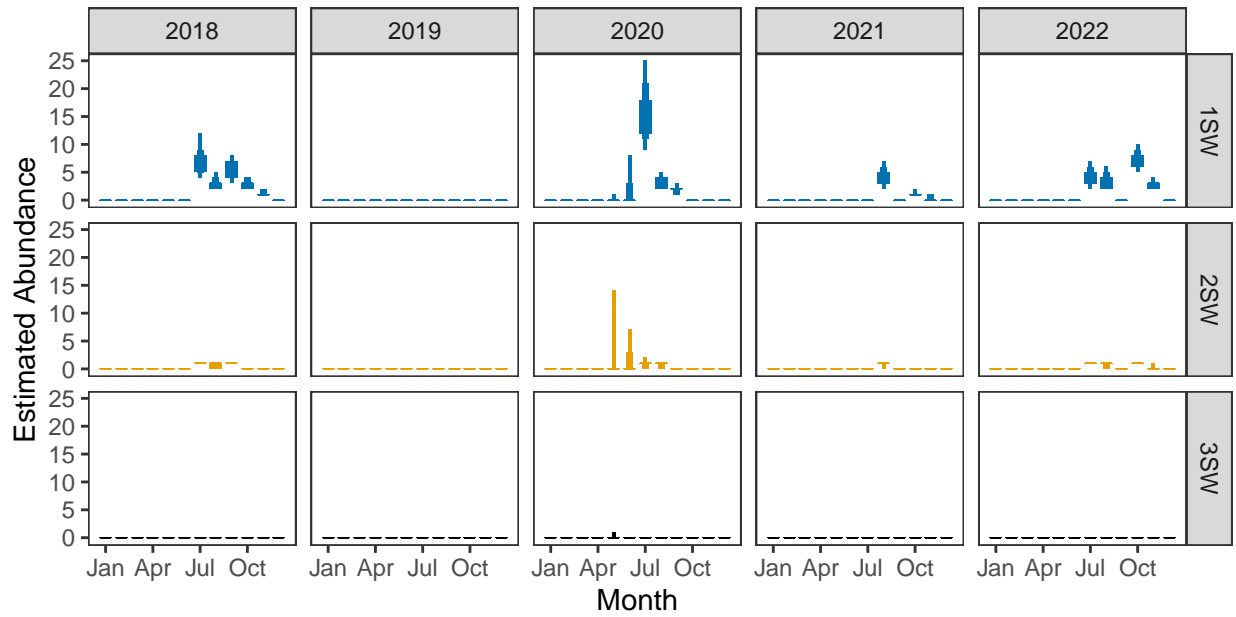


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



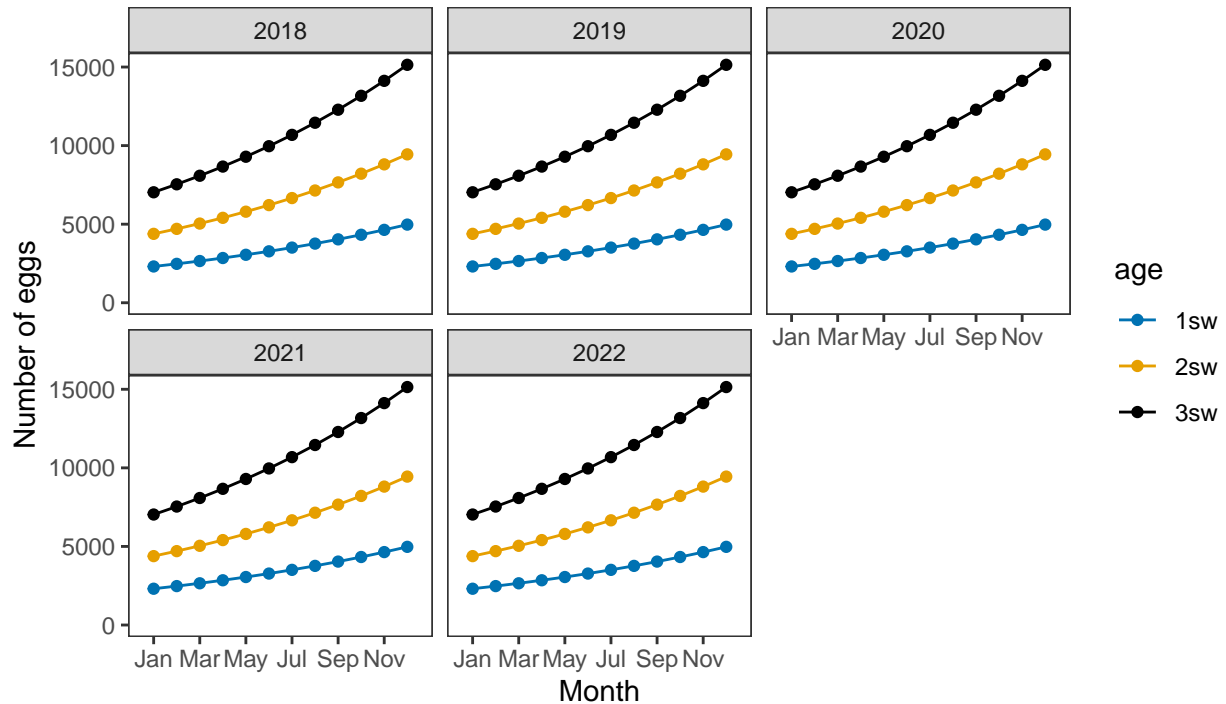
### Monthly number of spawning females



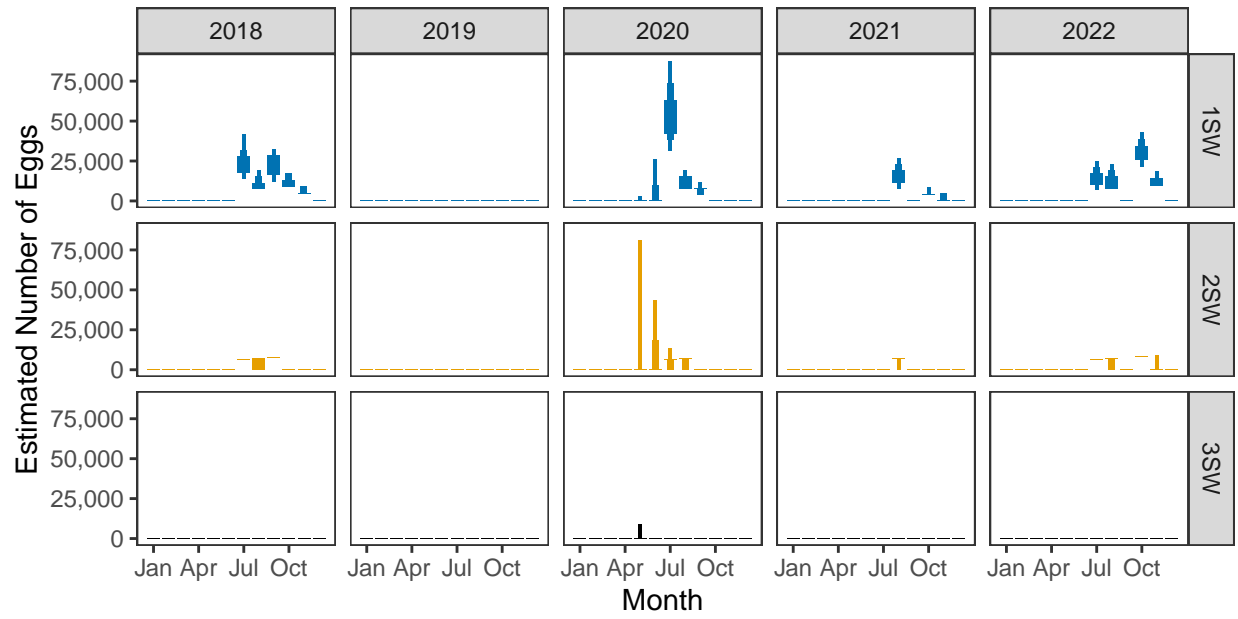
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

### 3. Converting Number of Spawners to Number of Eggs

#### Egg contents of females

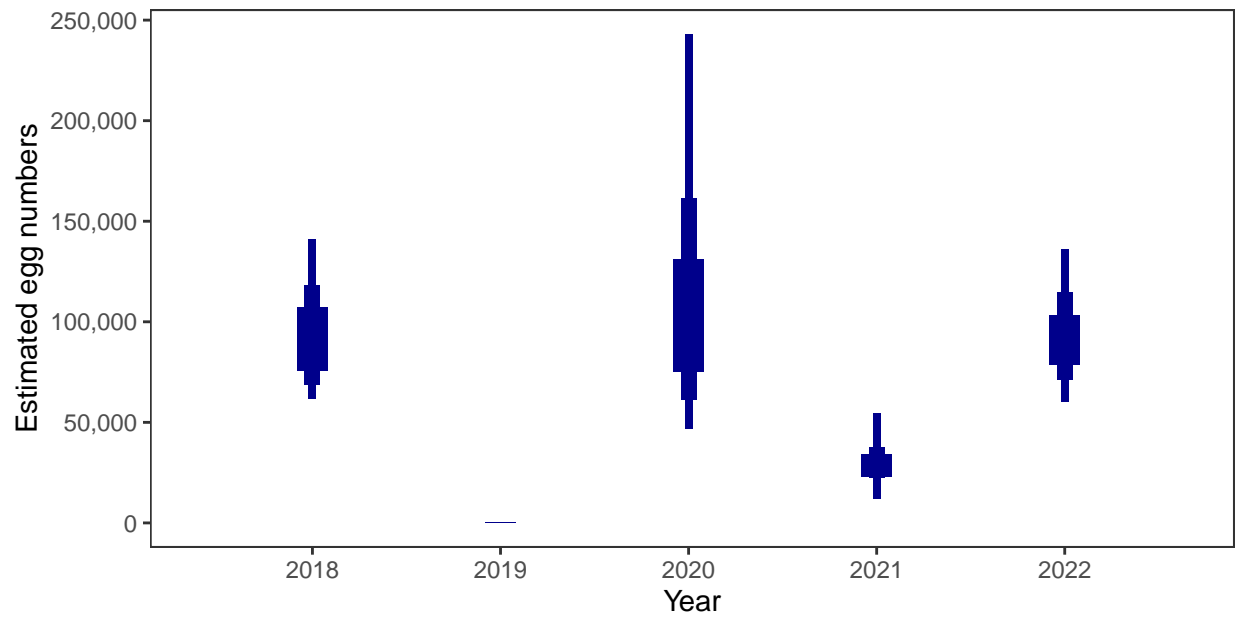


*Monthly number of eggs*



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).

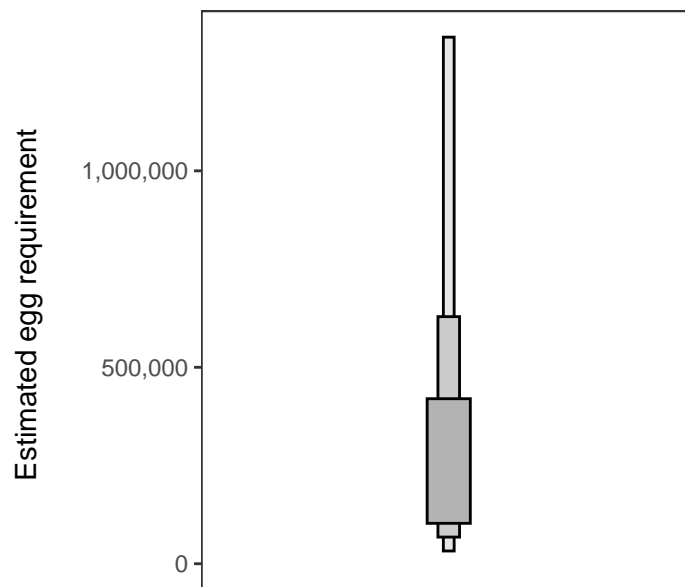
Year	Percentage above
2018	22.52
2019	-
2020	26.23
2021	4.90
2022	22.31

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

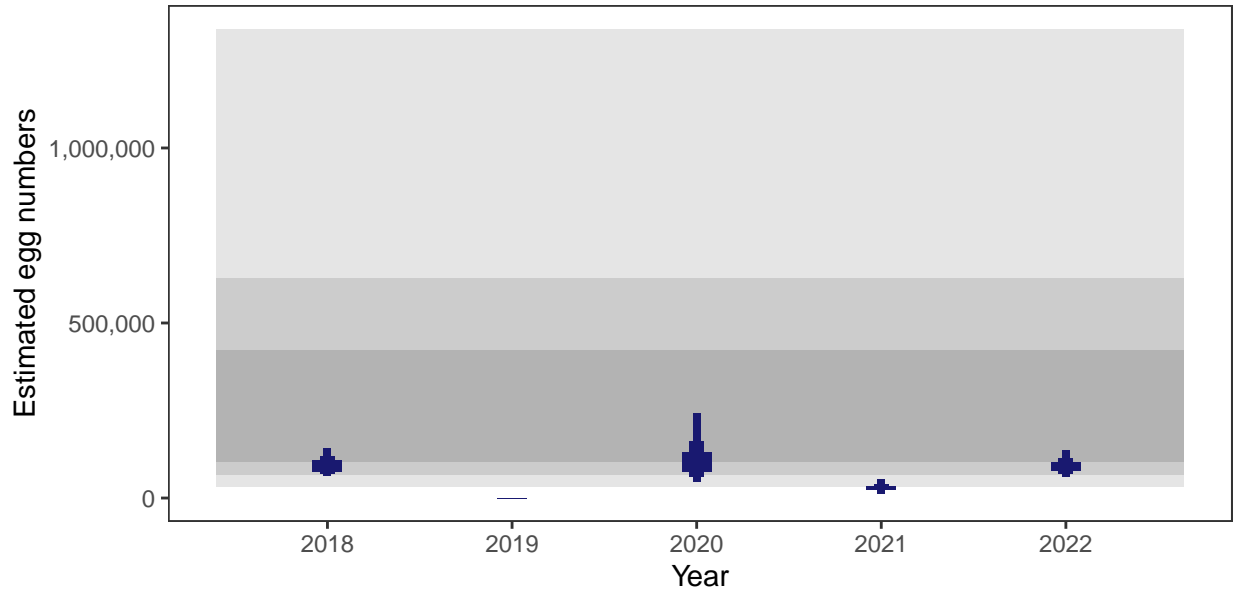
There is an estimated 150,840 square meters of known salmon habitat in the Coladoir and Leidle and a further 28,183 square meters where salmon may be present.

##### *Egg requirement*



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

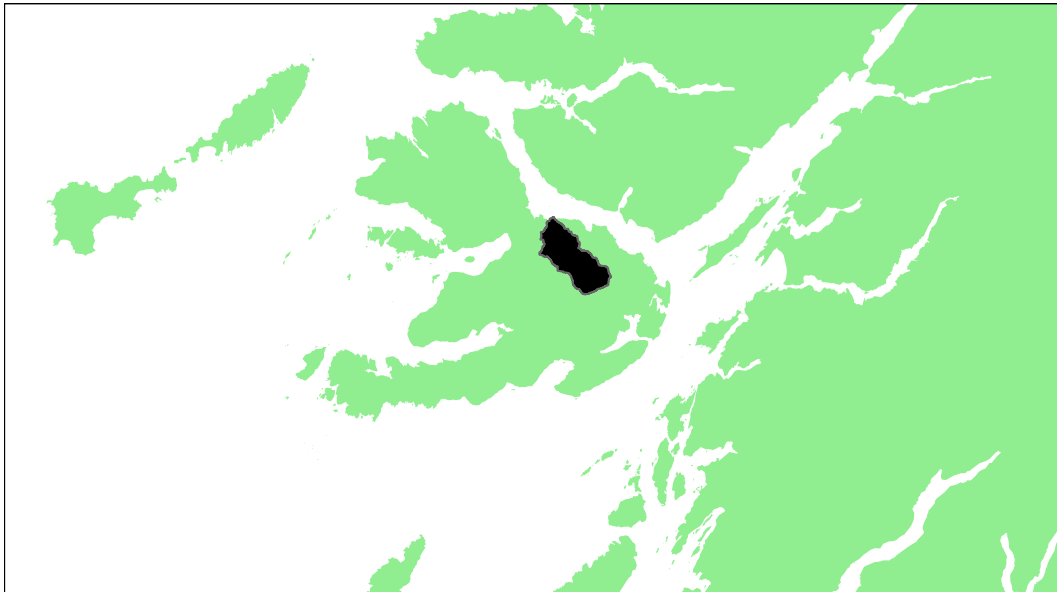
5. Percentage chance that the egg requirement has been reached



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 Forsa (Mull): Grade 3



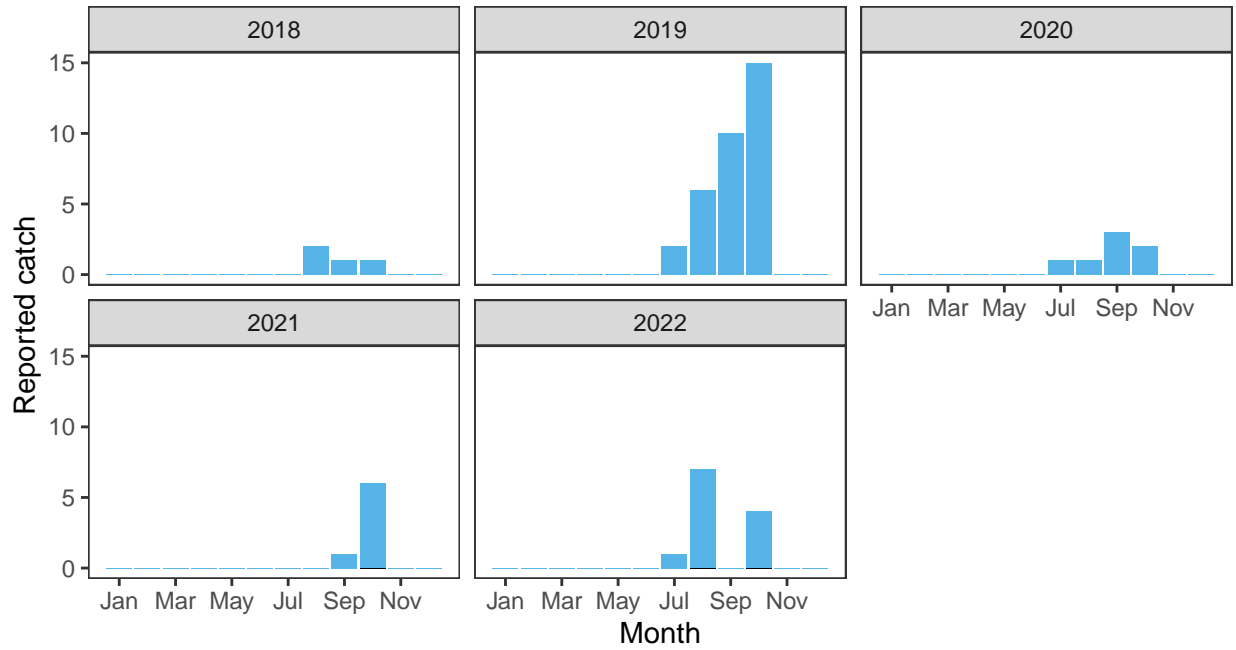
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.2	178,000	213,000	8.04	60.75	26.7	12.8	38.75	0.29408	3

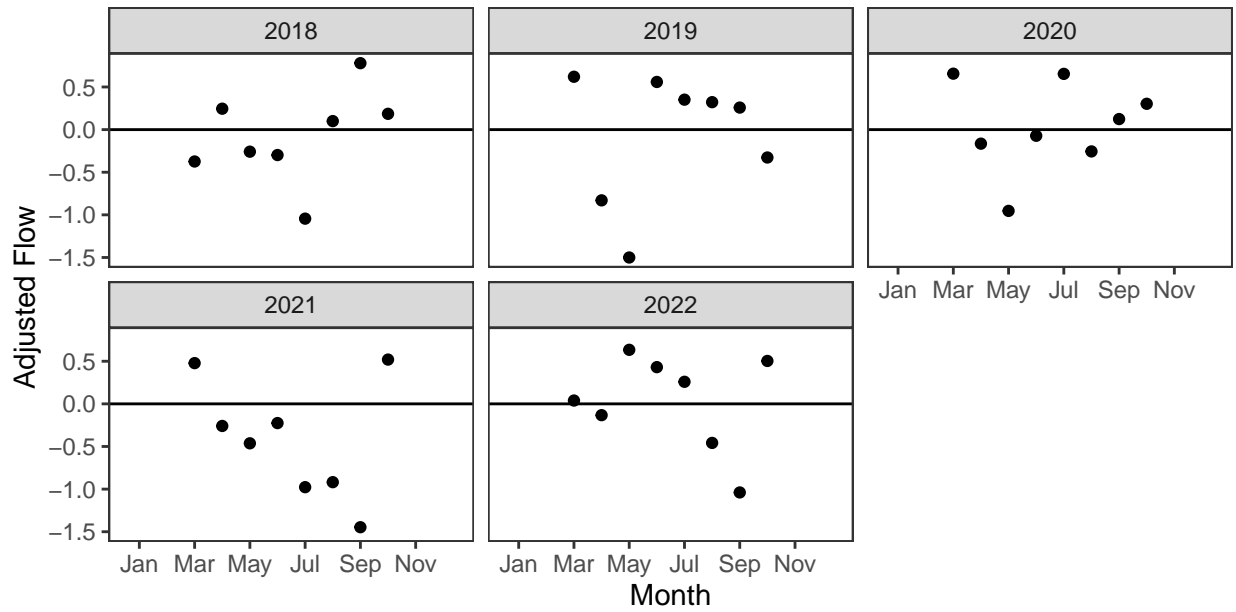
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

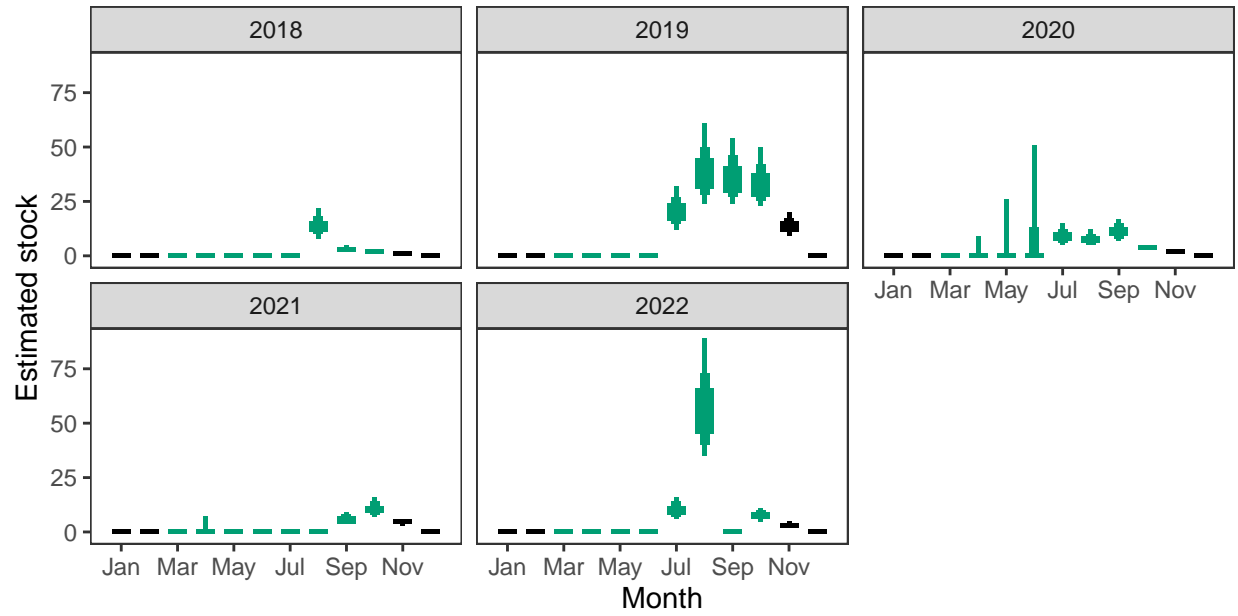
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

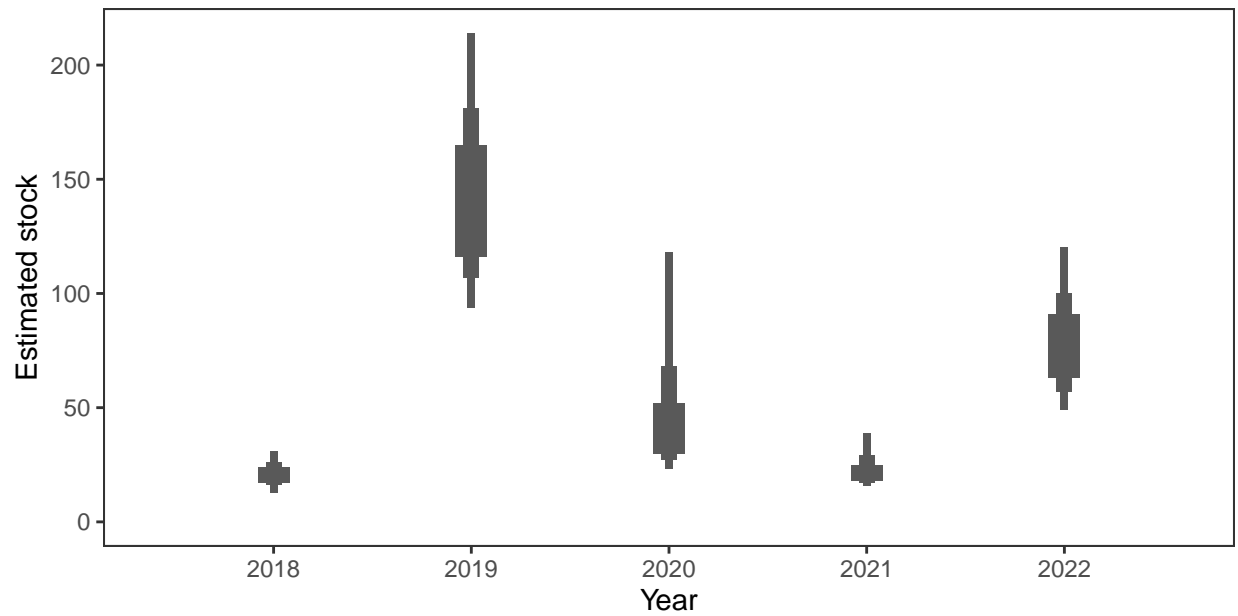


*Monthly stock estimates (out of season in black)*



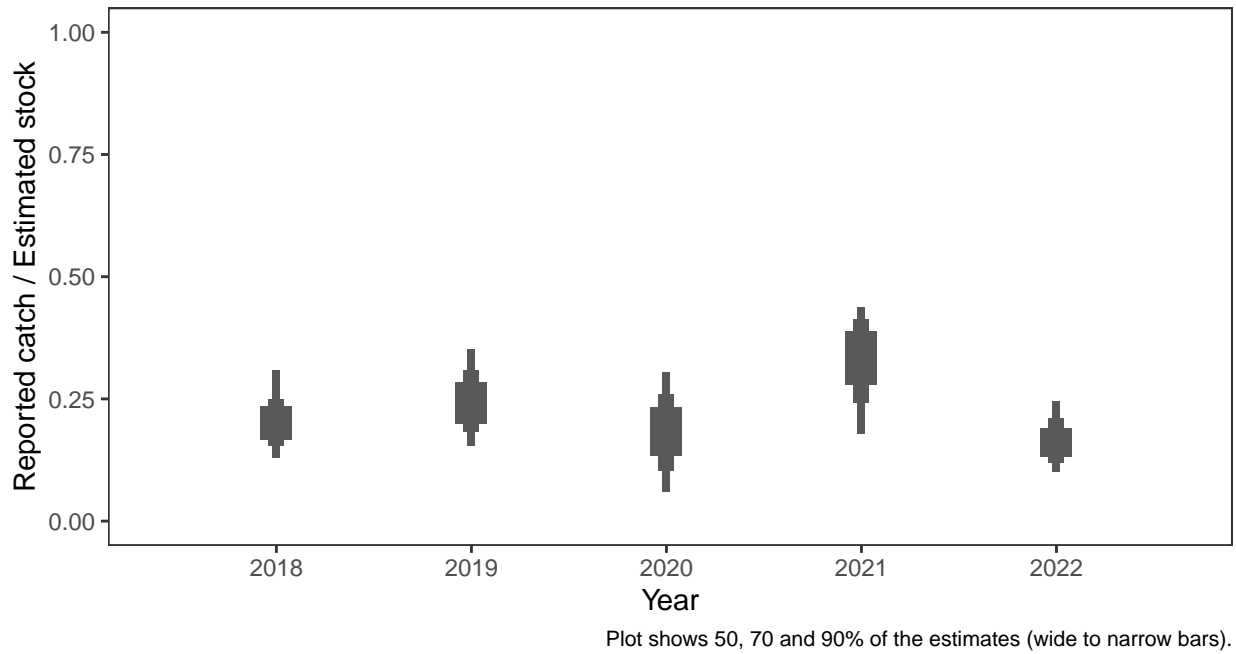
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



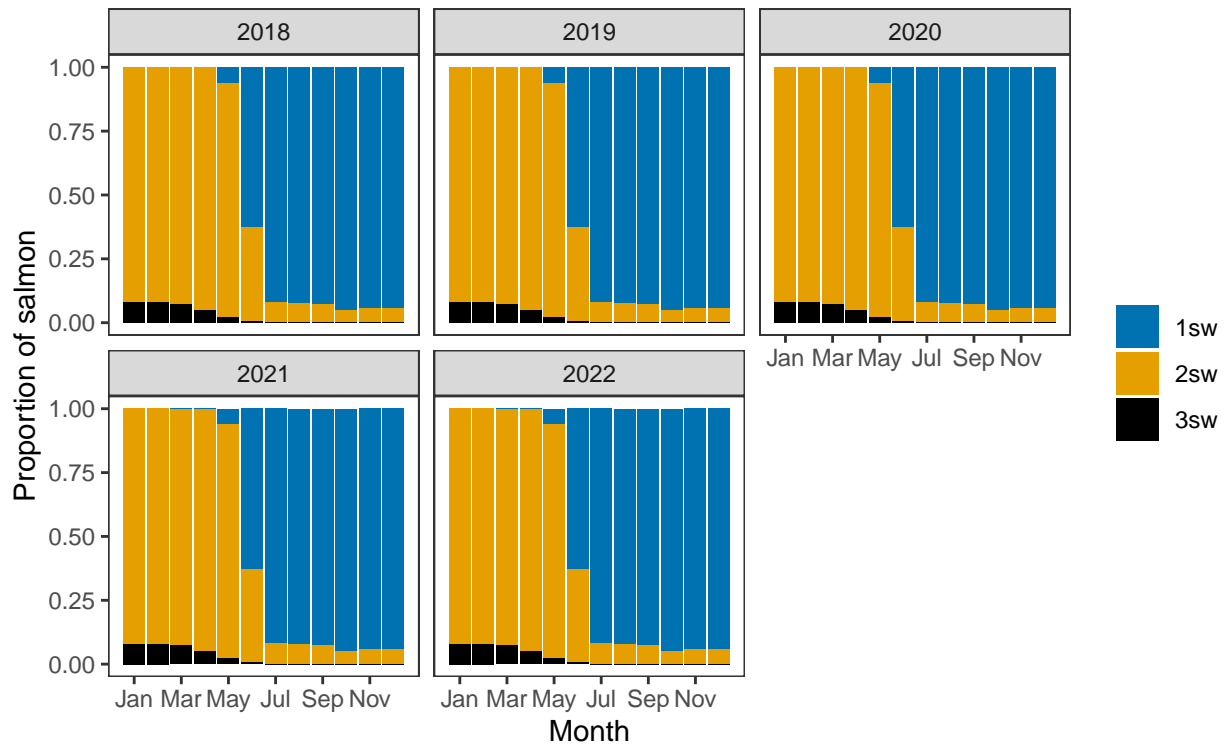
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

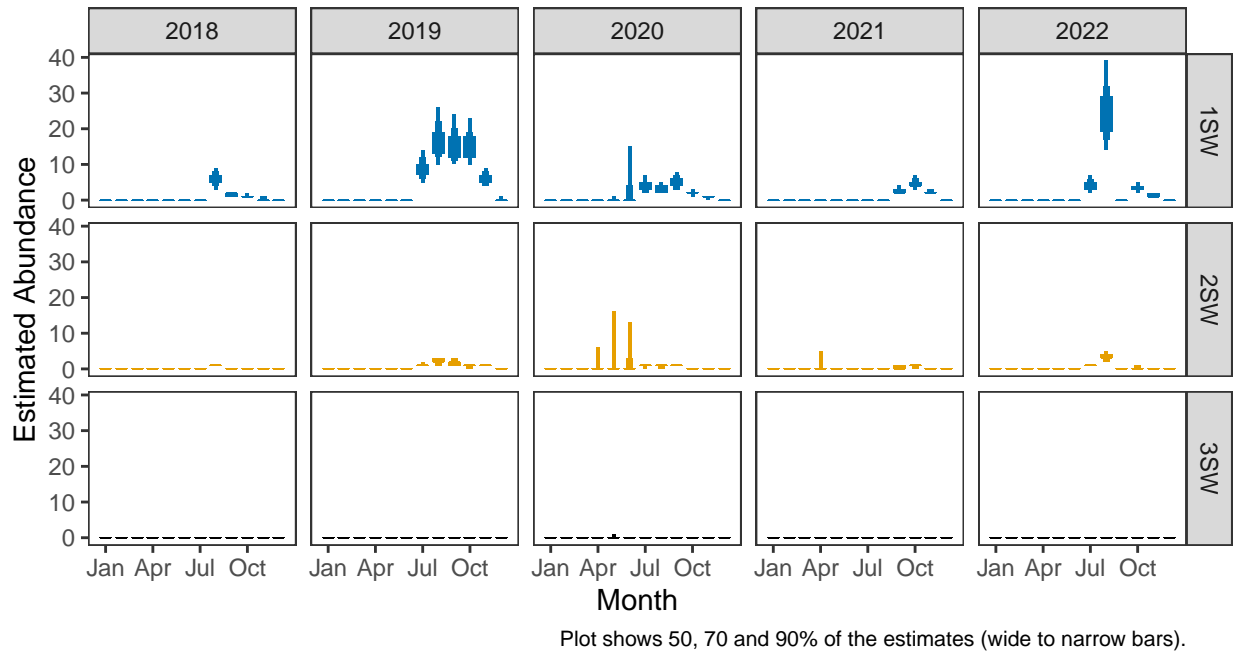


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

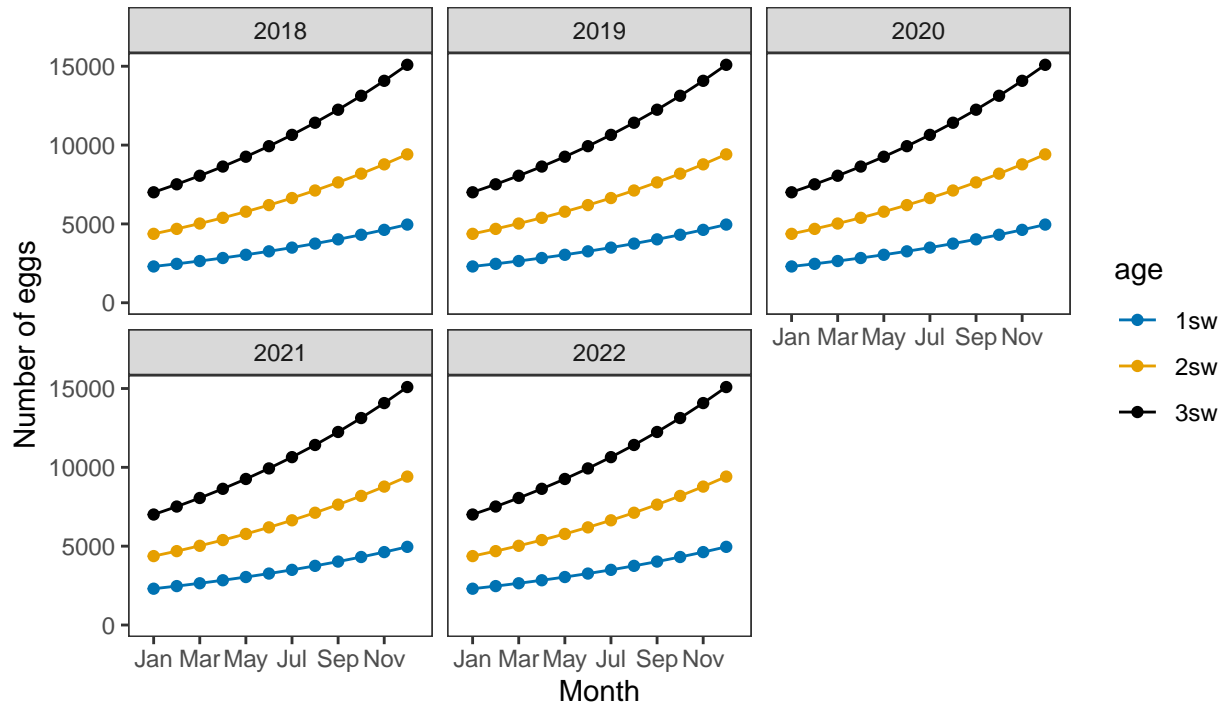


*Monthly number of spawning females*

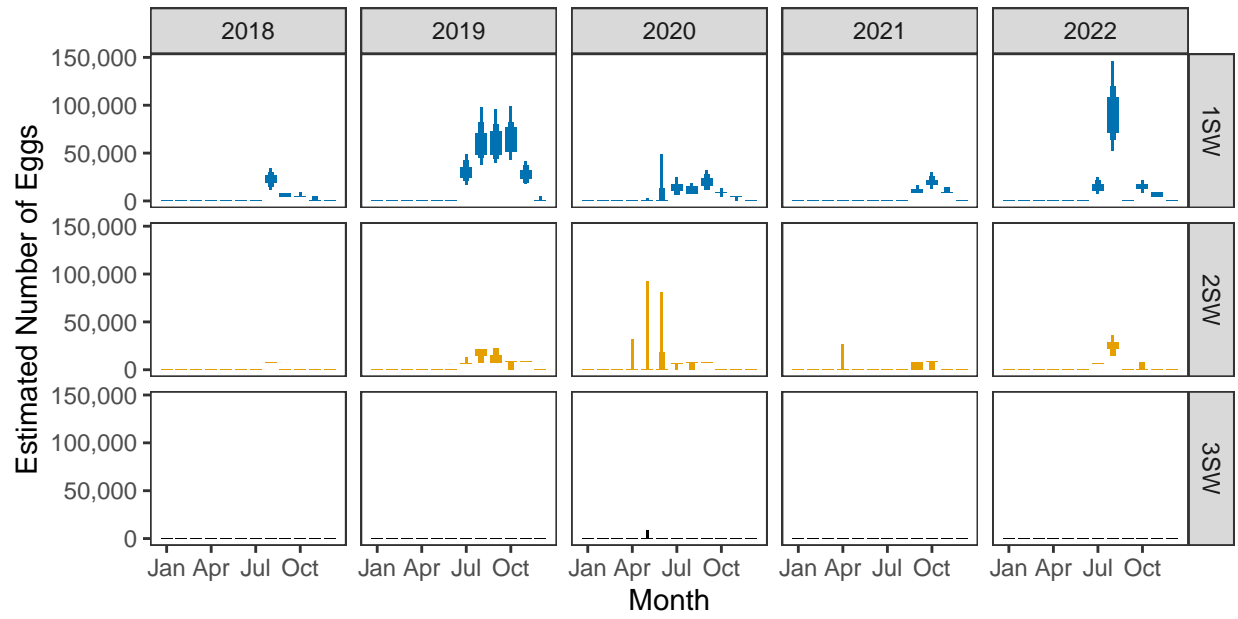


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

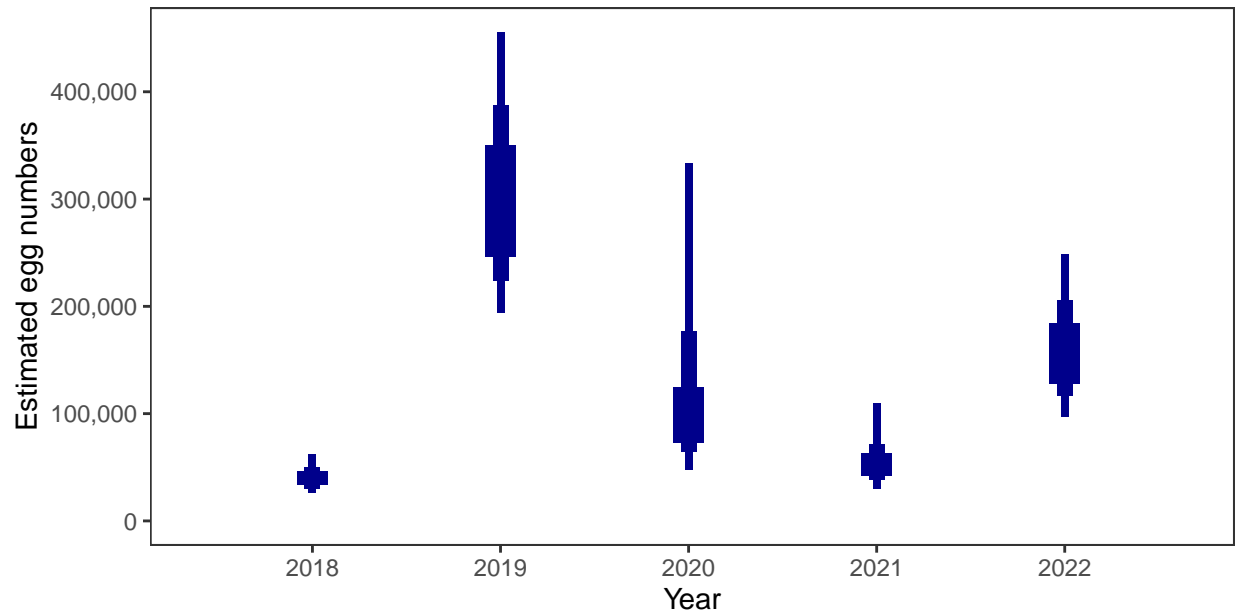


*Monthly number of eggs*



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).

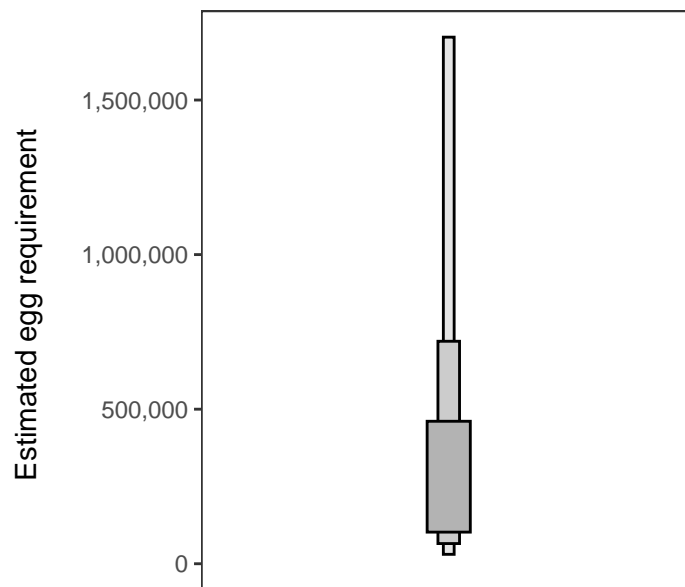
Year	Percentage above
2018	8.04
2019	60.75
2020	26.70
2021	12.80
2022	38.75

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

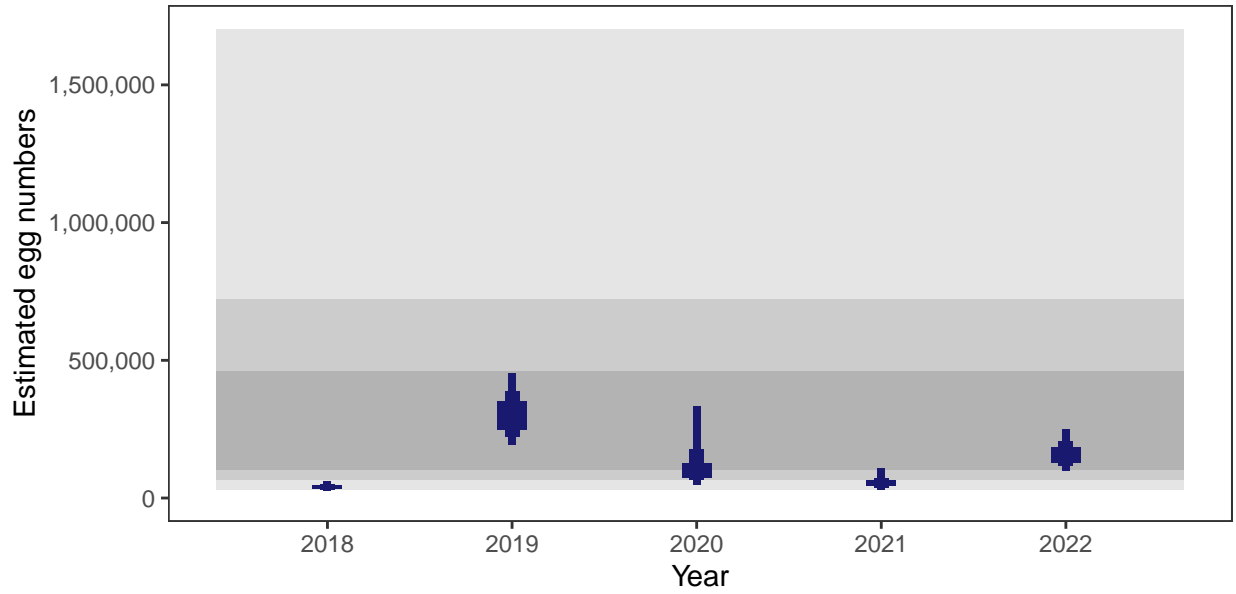
There is an estimated 188,800 square meters of known salmon habitat in the River Forsa (Mull) and a further 26,034 square meters where salmon may be present.

##### *Egg requirement*



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

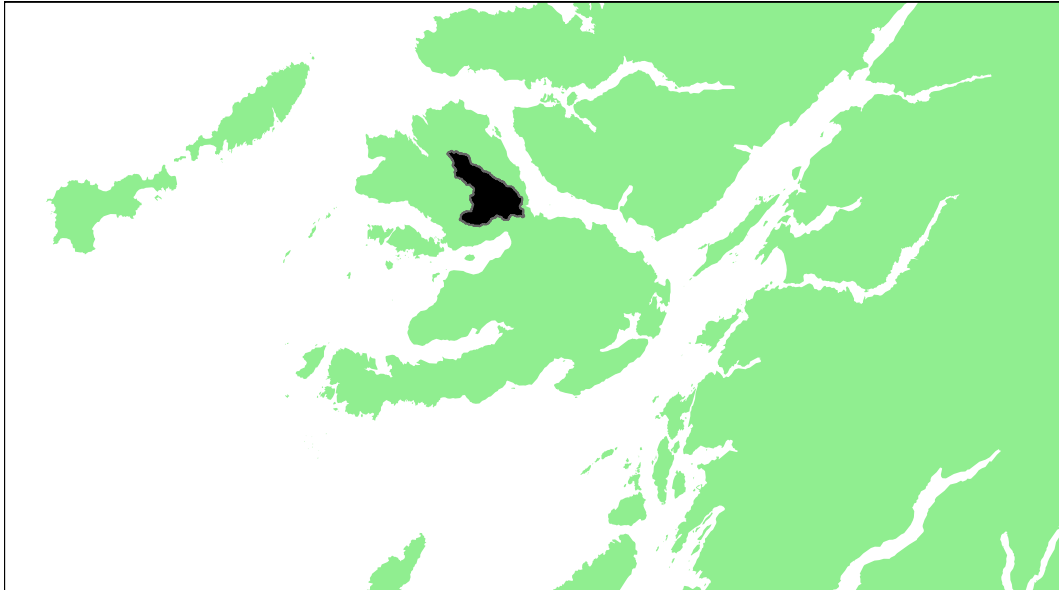
5. Percentage chance that the egg requirement has been reached



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)



## Aros River: Grade 3



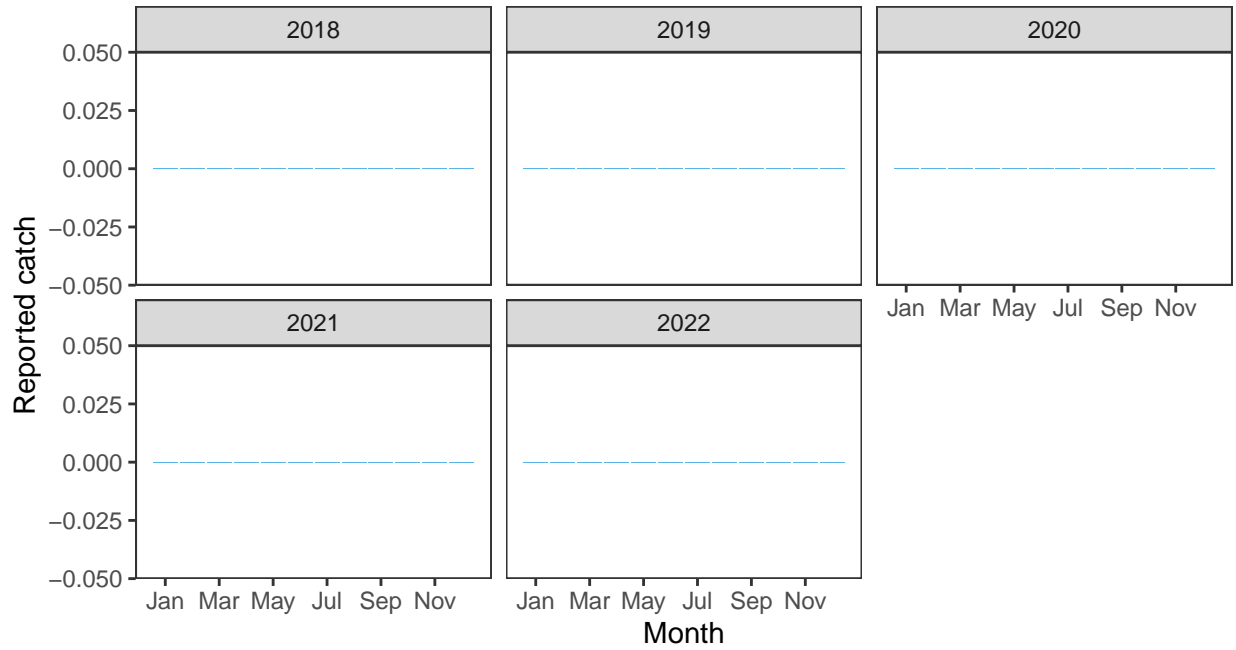
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.22	90,000	110,000	0	0	0.42	0.07	0	0.00098	3

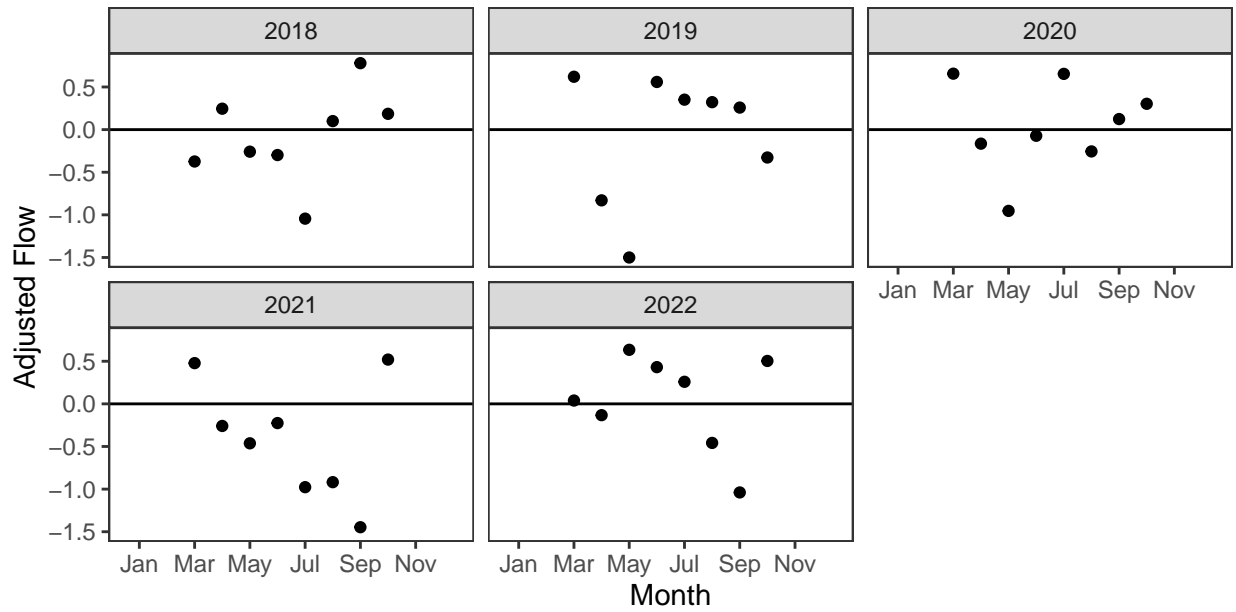
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

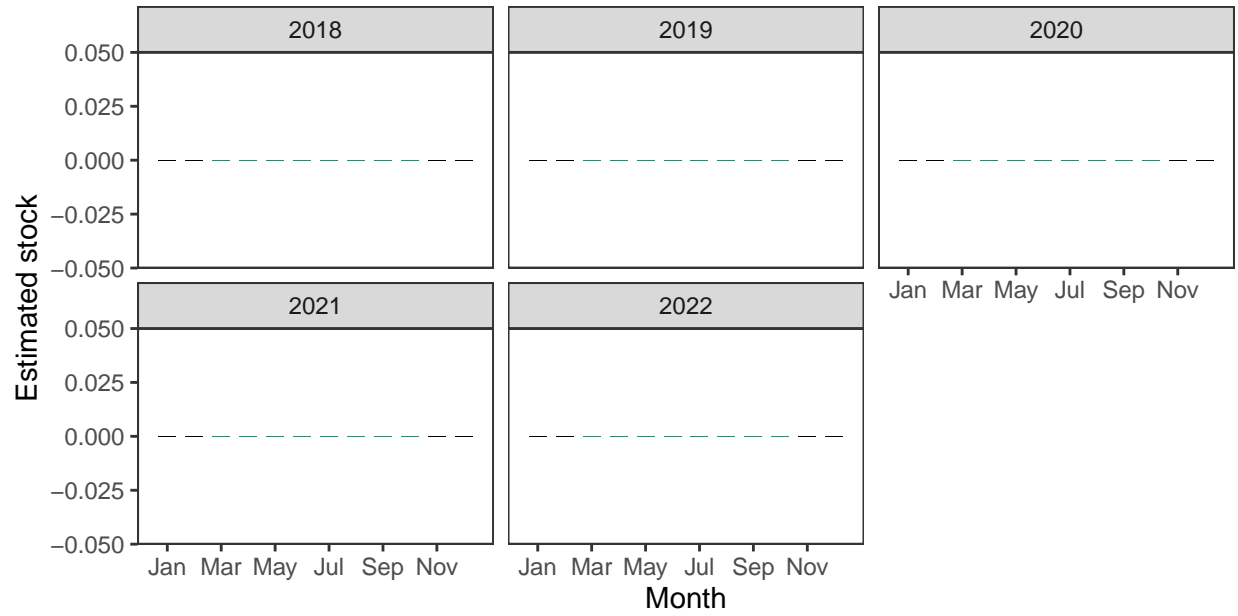
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

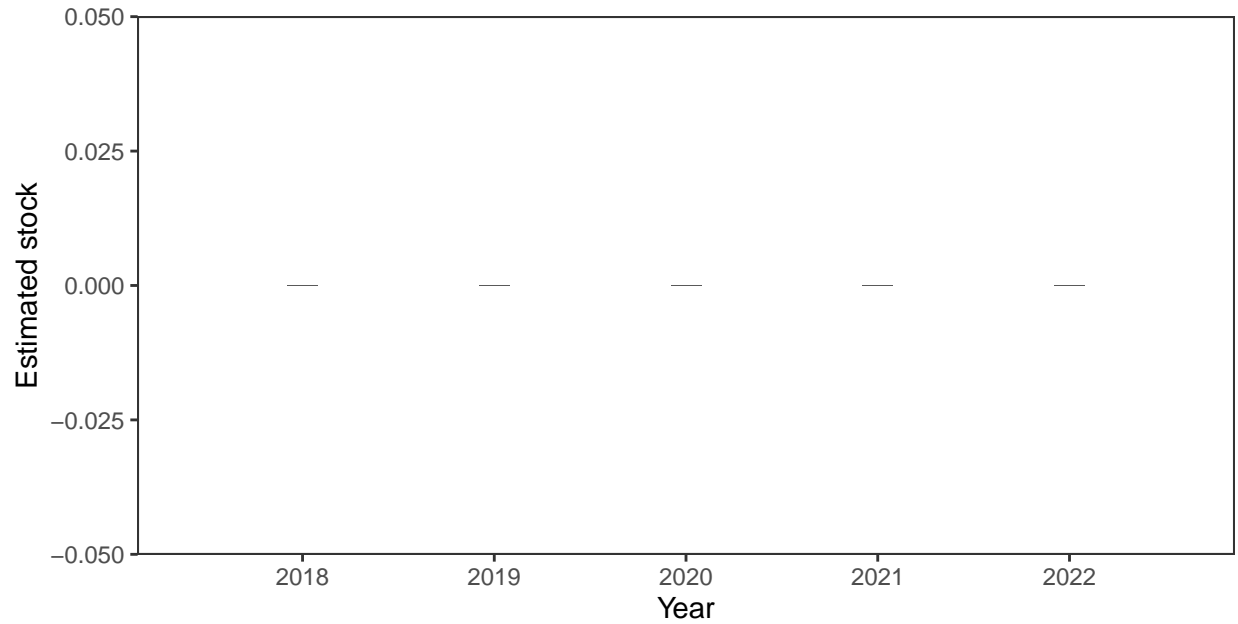


*Monthly stock estimates (out of season in black)*



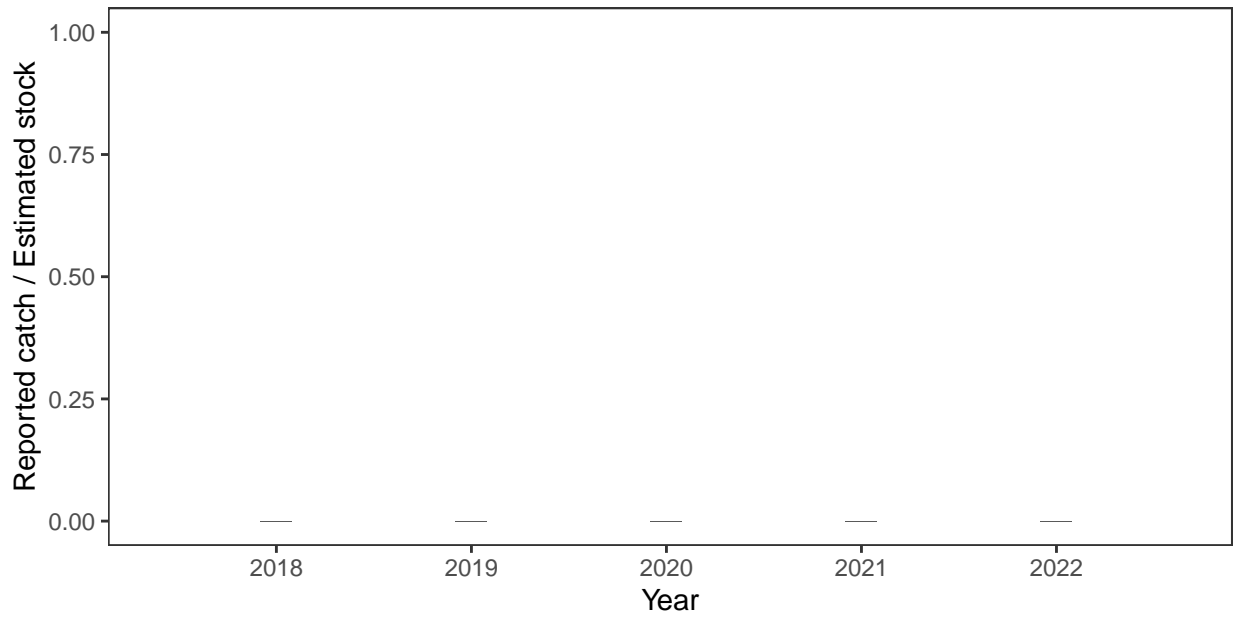
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



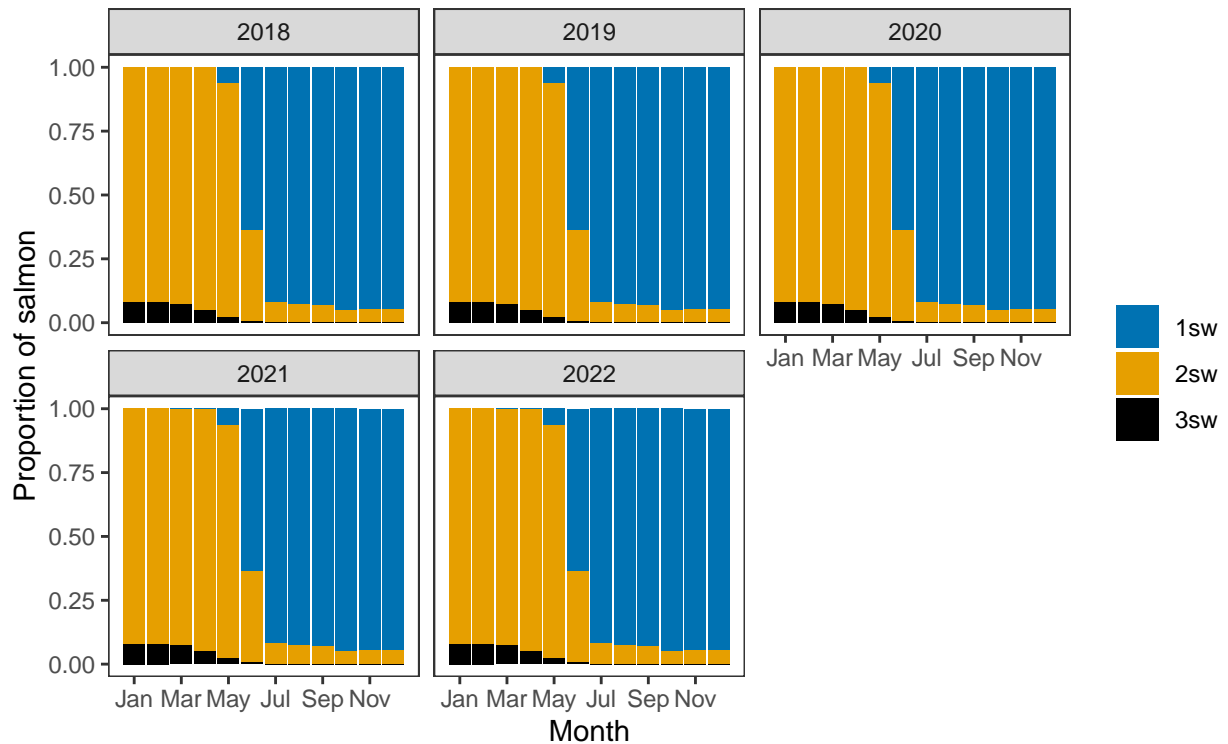
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

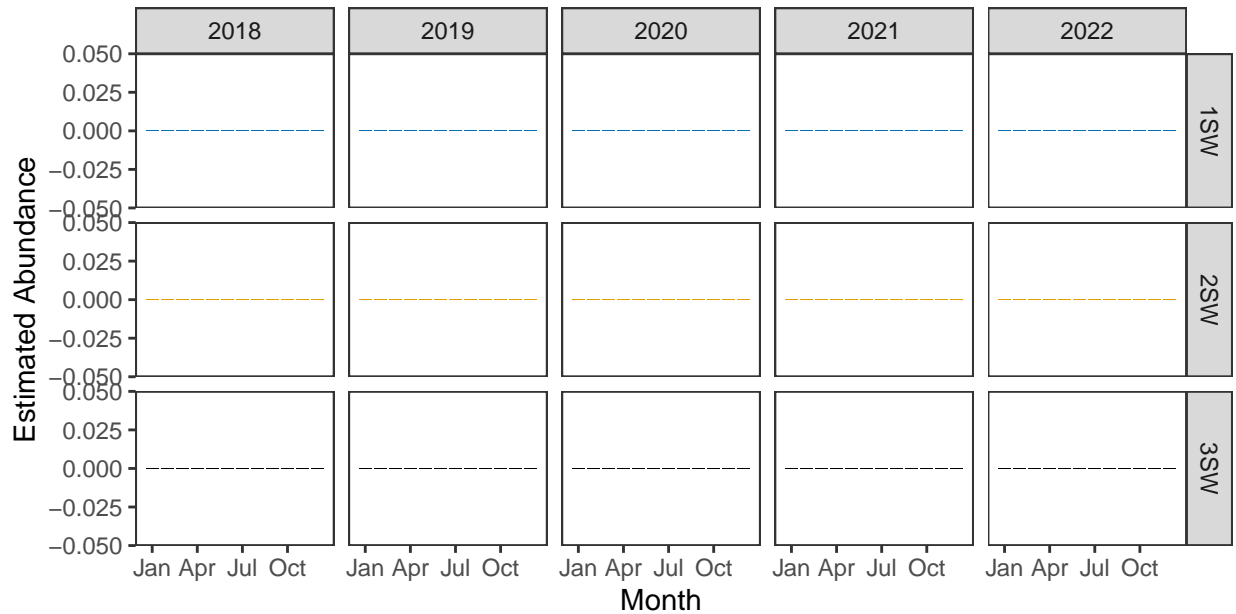


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



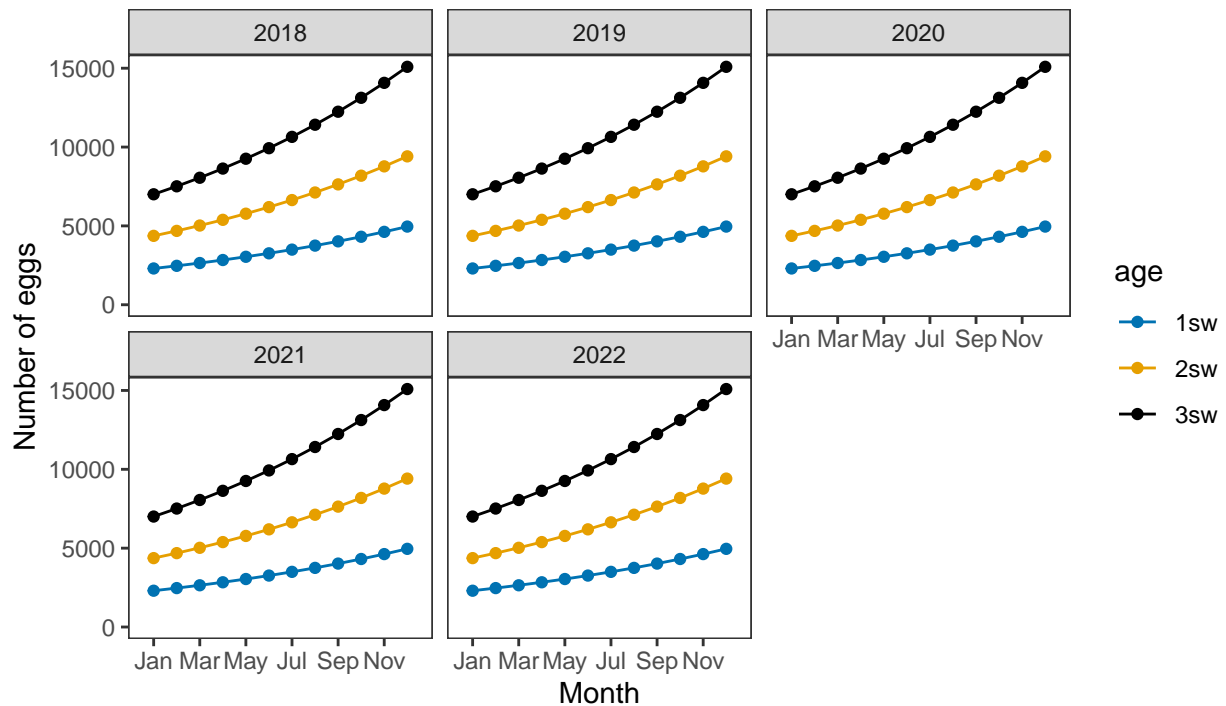
*Monthly number of spawning females*



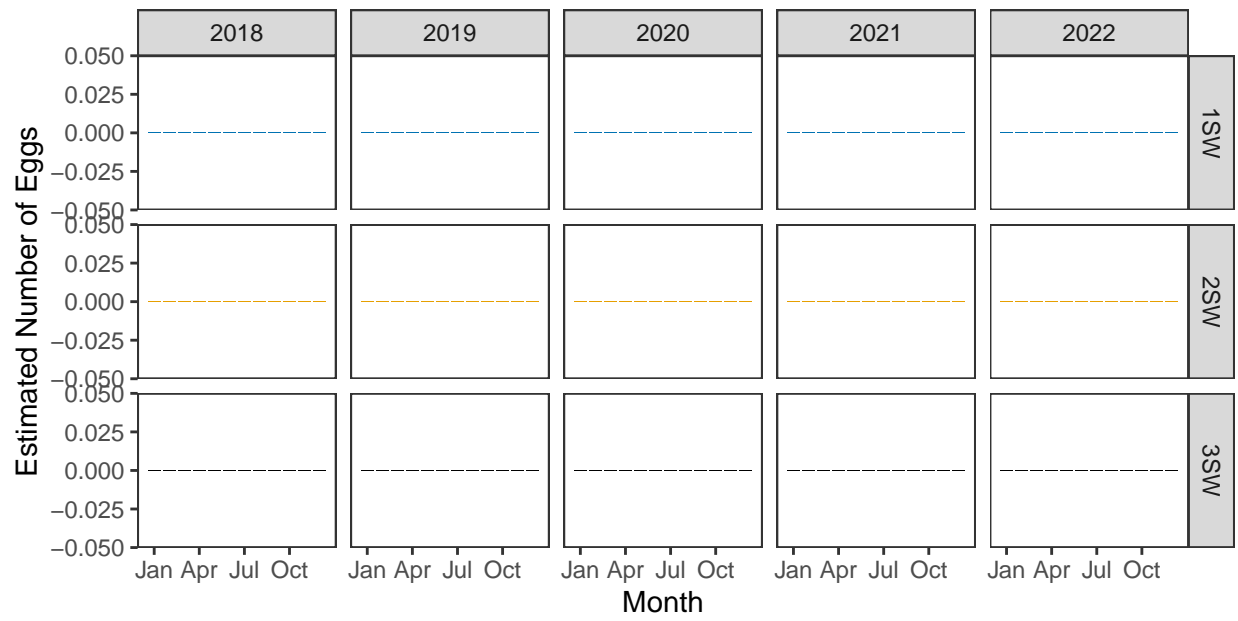
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

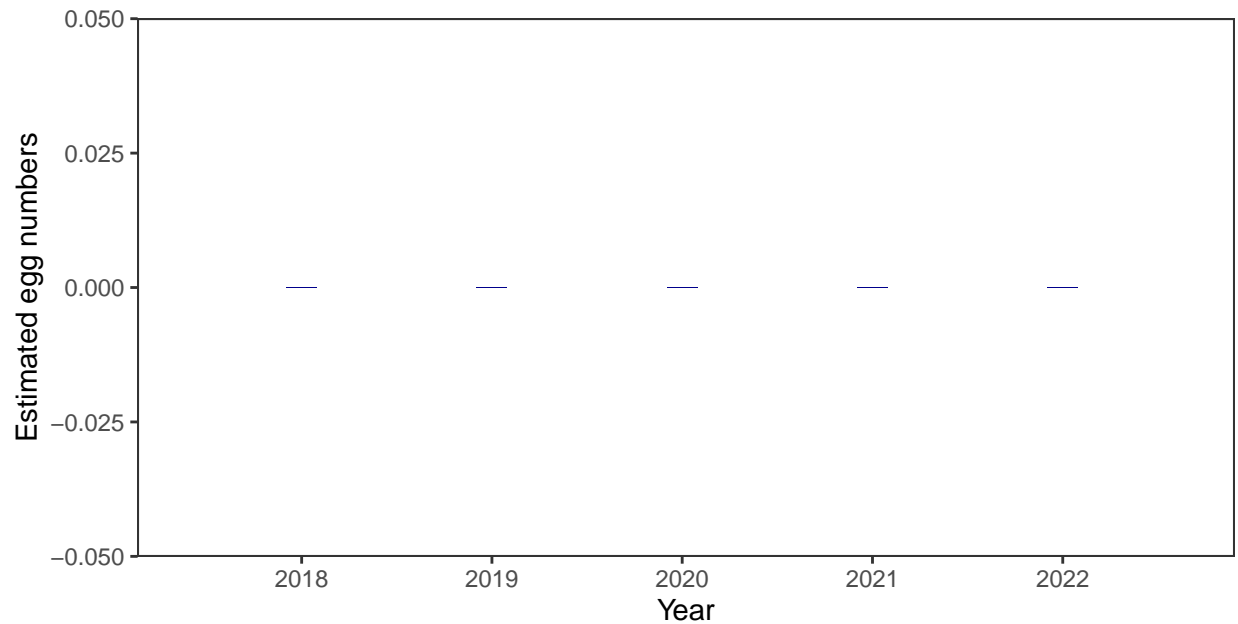


*Monthly number of eggs*



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).

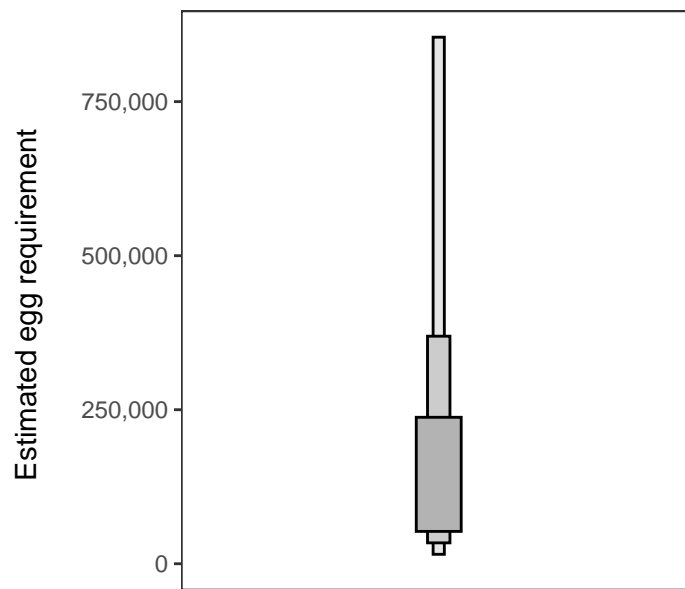
Year	Percentage above
2018	-
2019	-
2020	0.42
2021	0.07
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

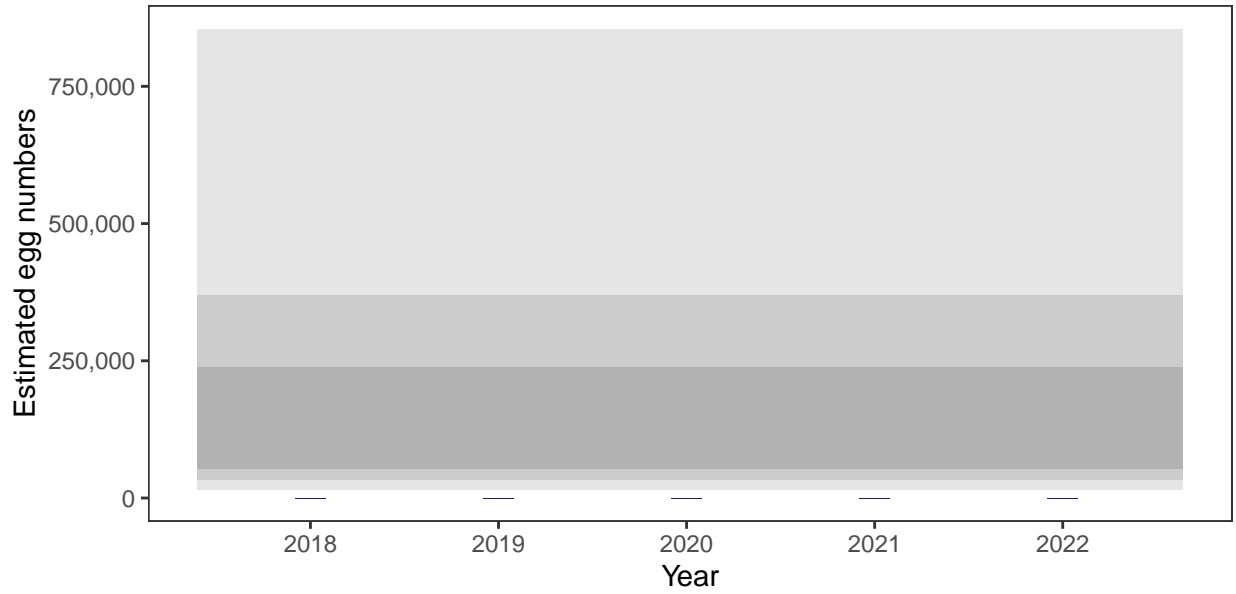
There is an estimated 83,851 square meters of known salmon habitat in the Aros River and a further 36,615 square meters where salmon may be present.

##### *Egg requirement*



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

5. Percentage chance that the egg requirement has been reached



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)



## Lussa River (Mull): Grade 3



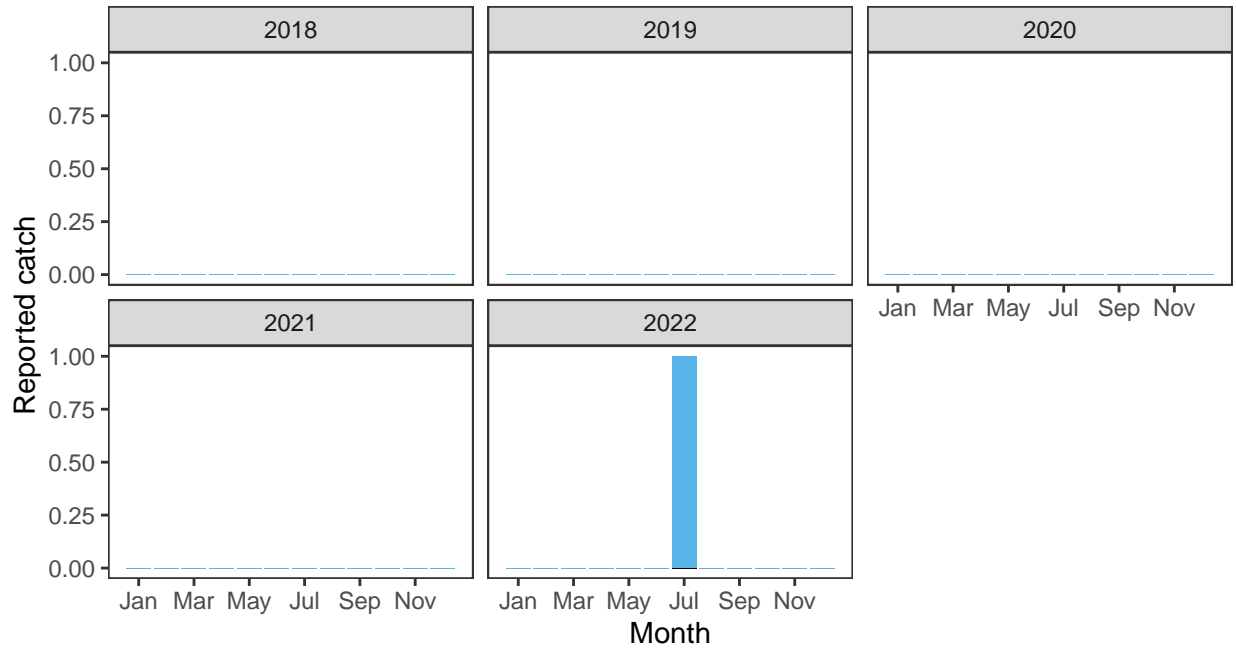
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.09	112,000	122,000	0	0	0.33	0.03	8.23	0.01718	3

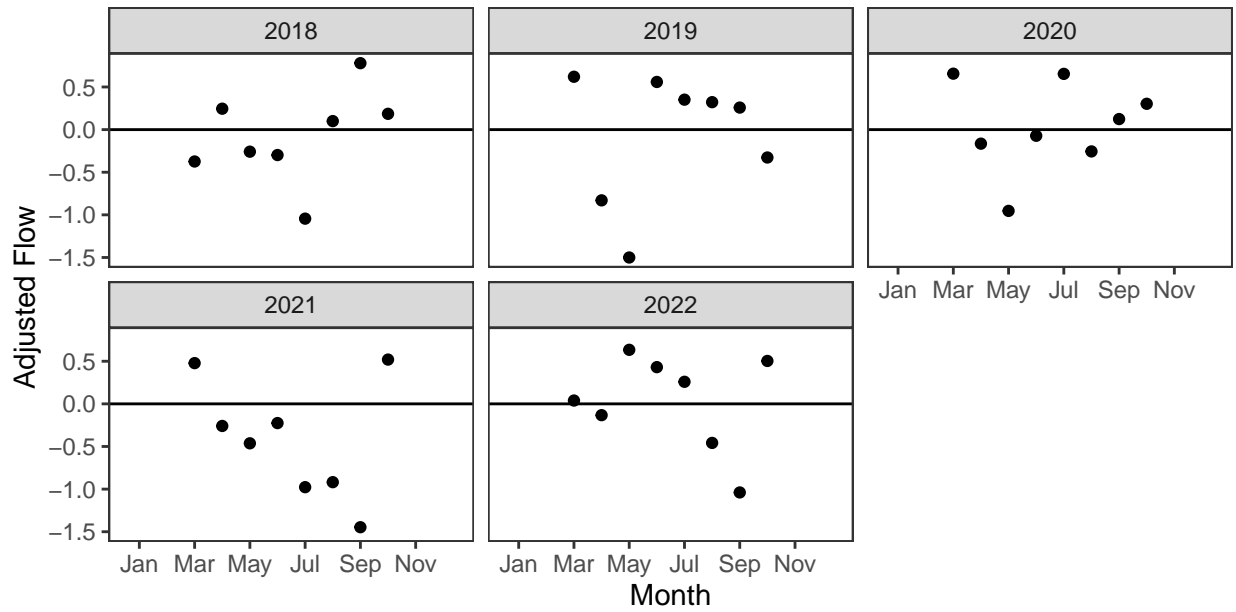
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

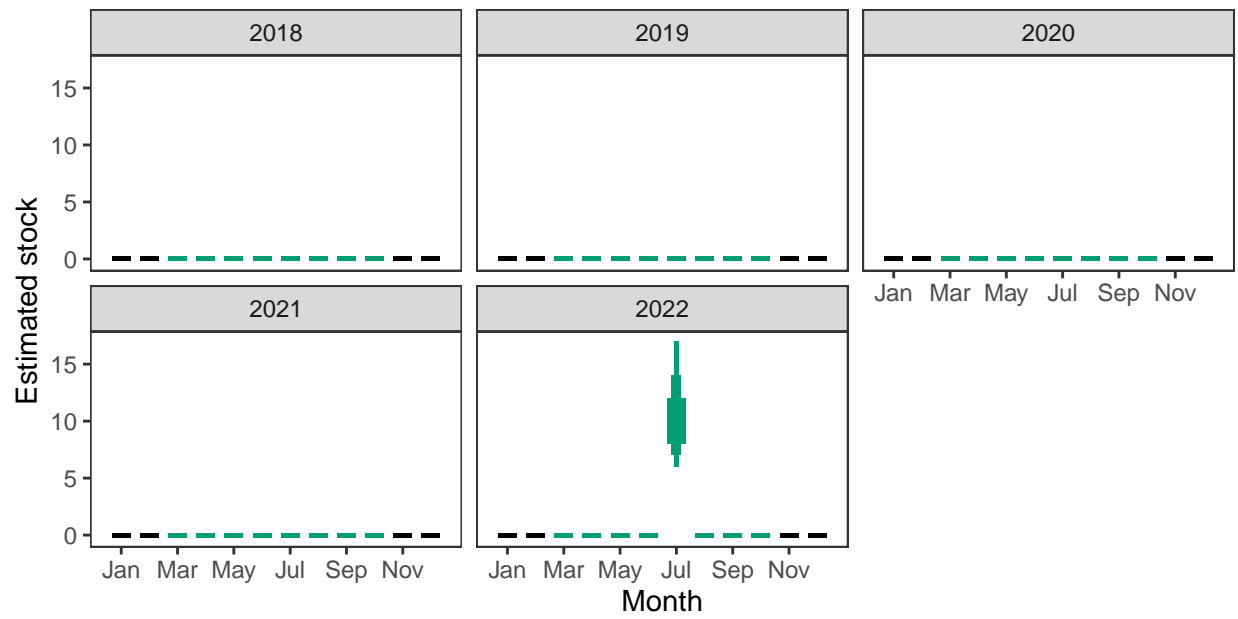
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

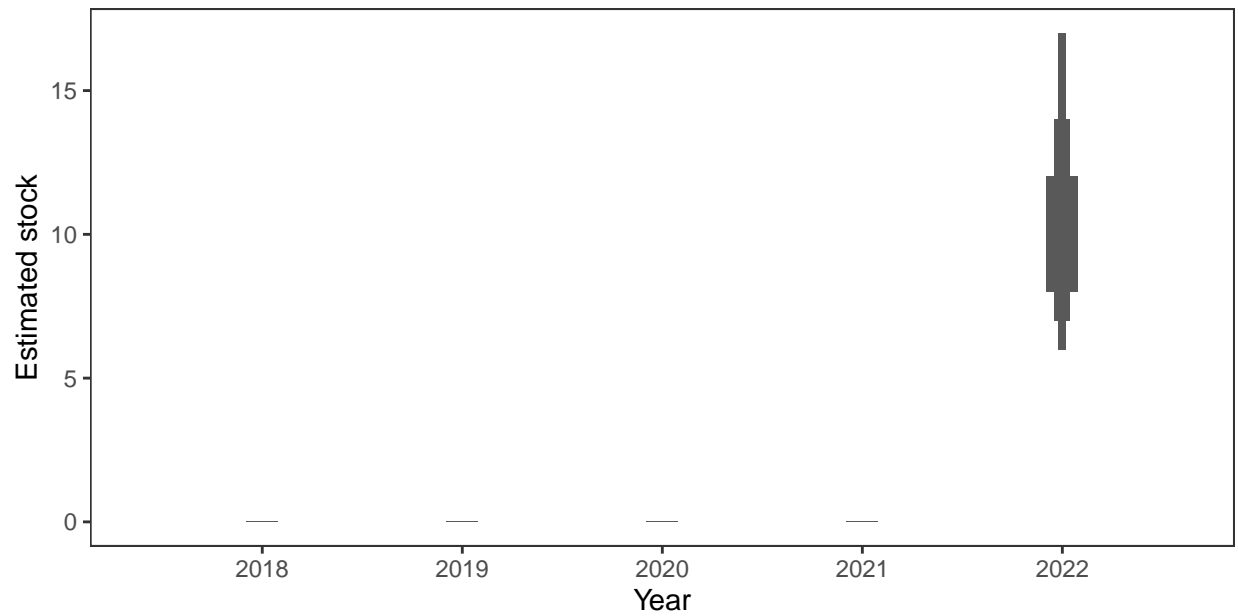


*Monthly stock estimates (out of season in black)*



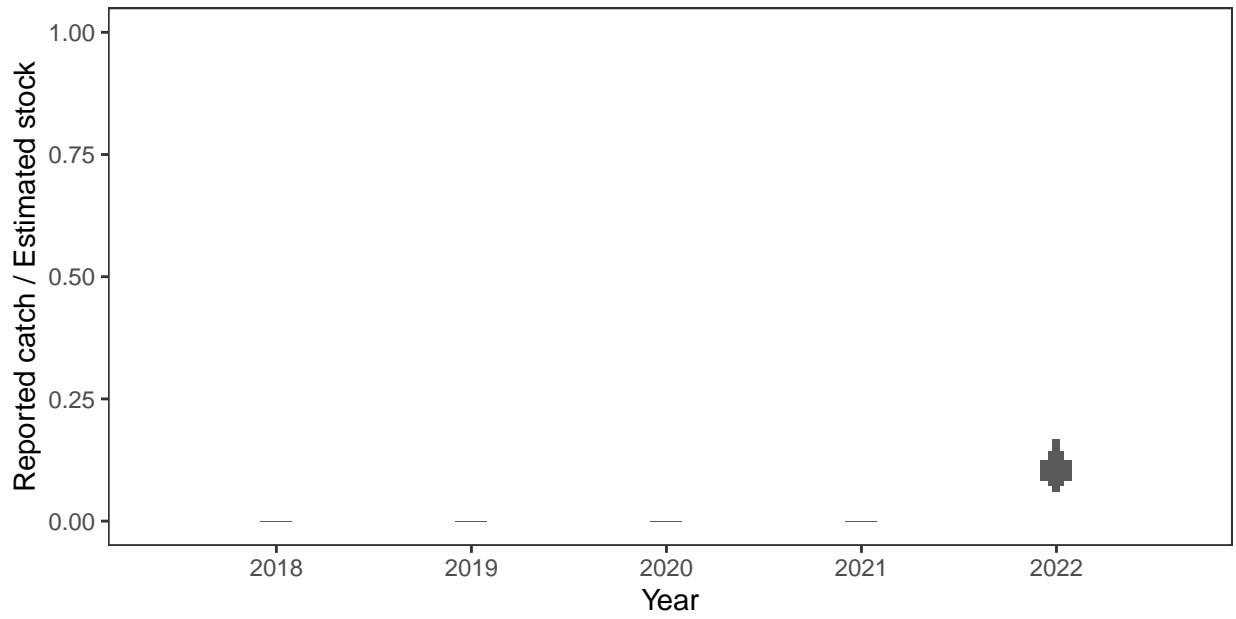
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



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

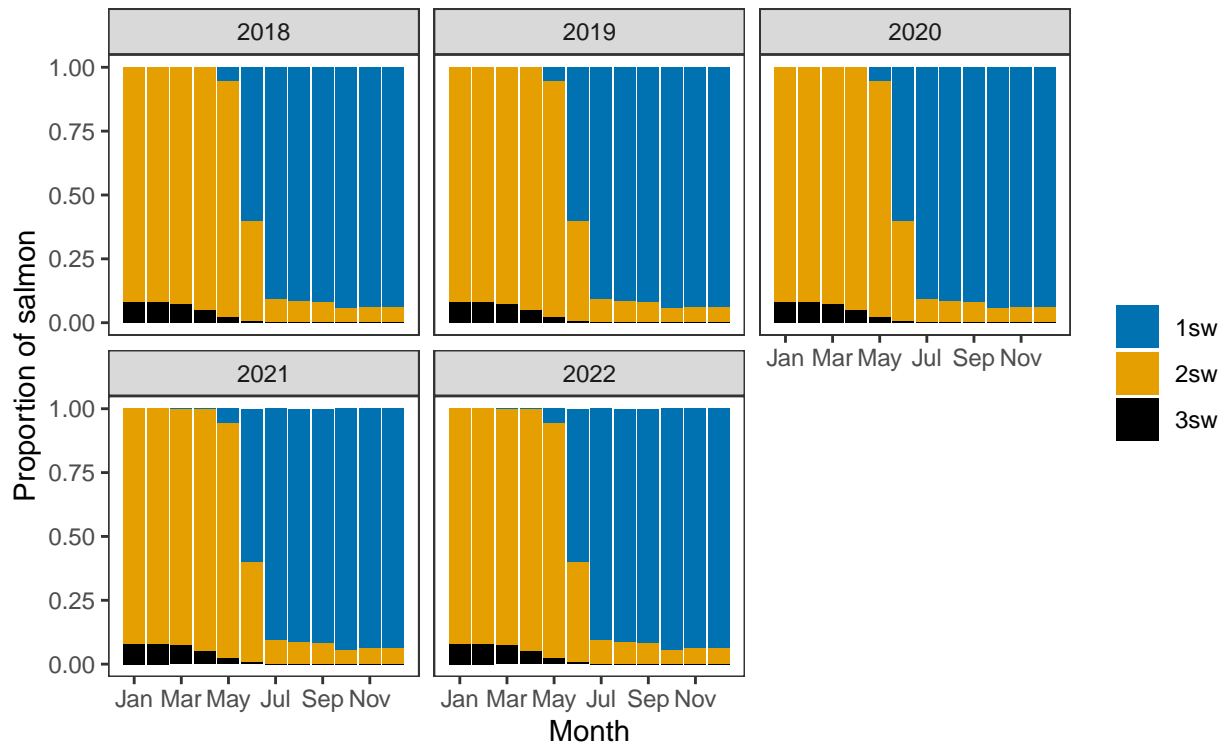
*Annual catch as a proportion of stock*



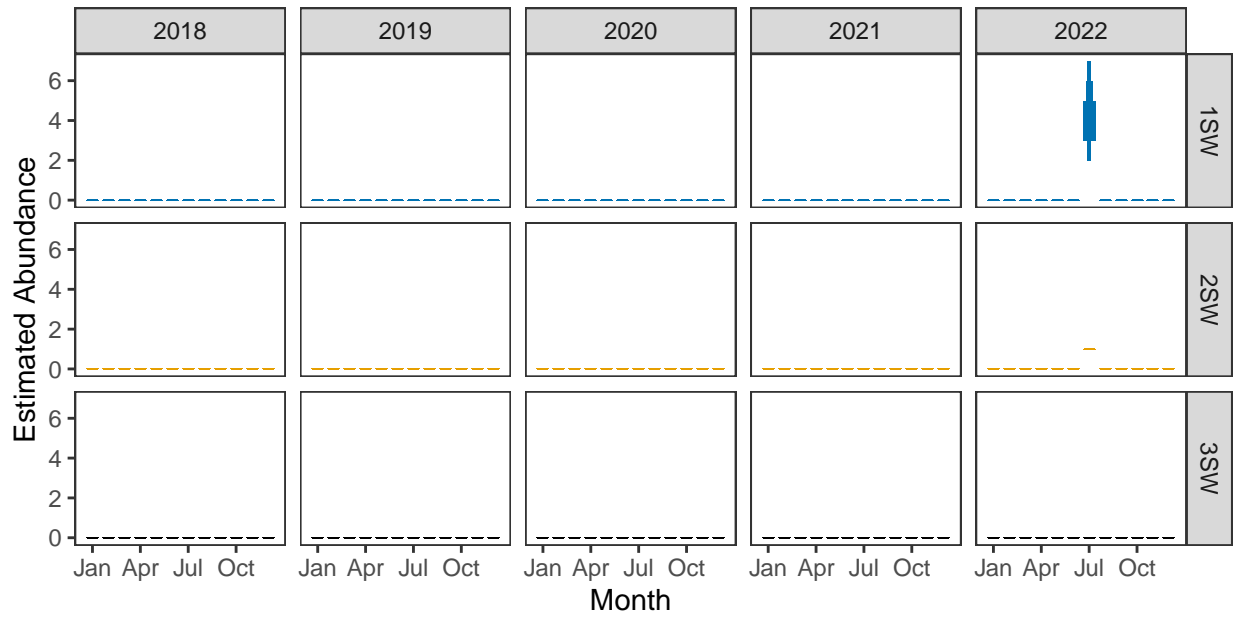
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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

*Ages of fish*



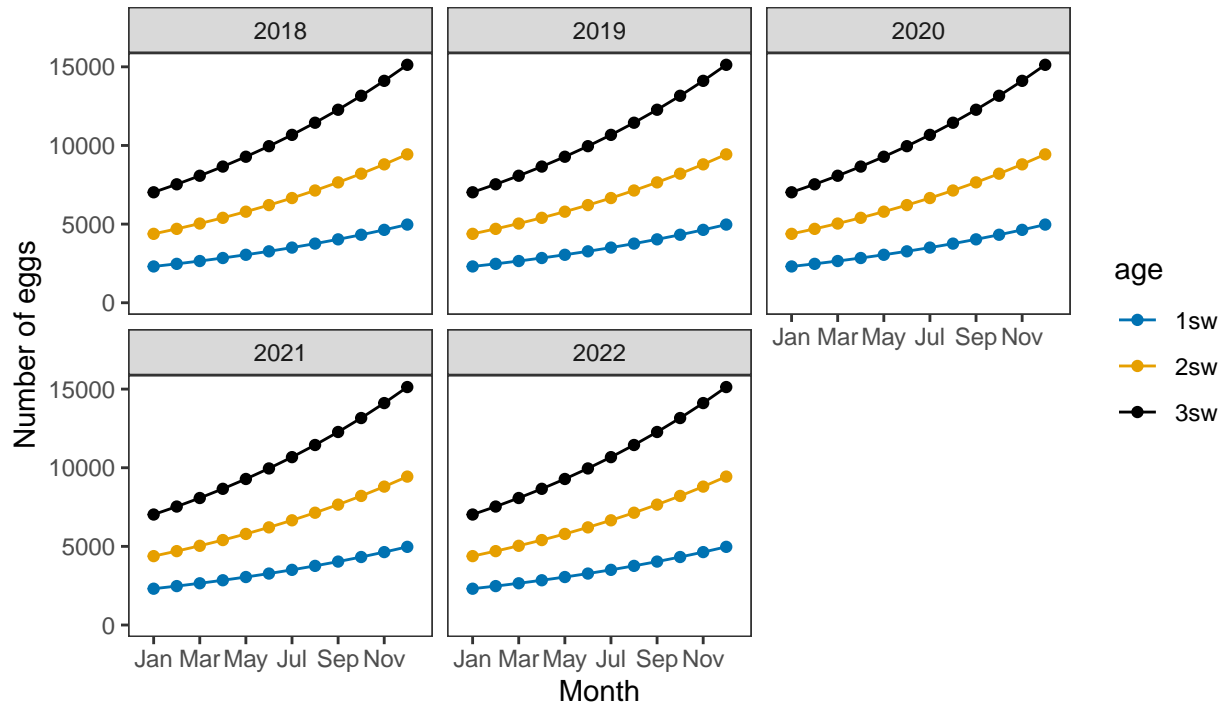
*Monthly number of spawning females*



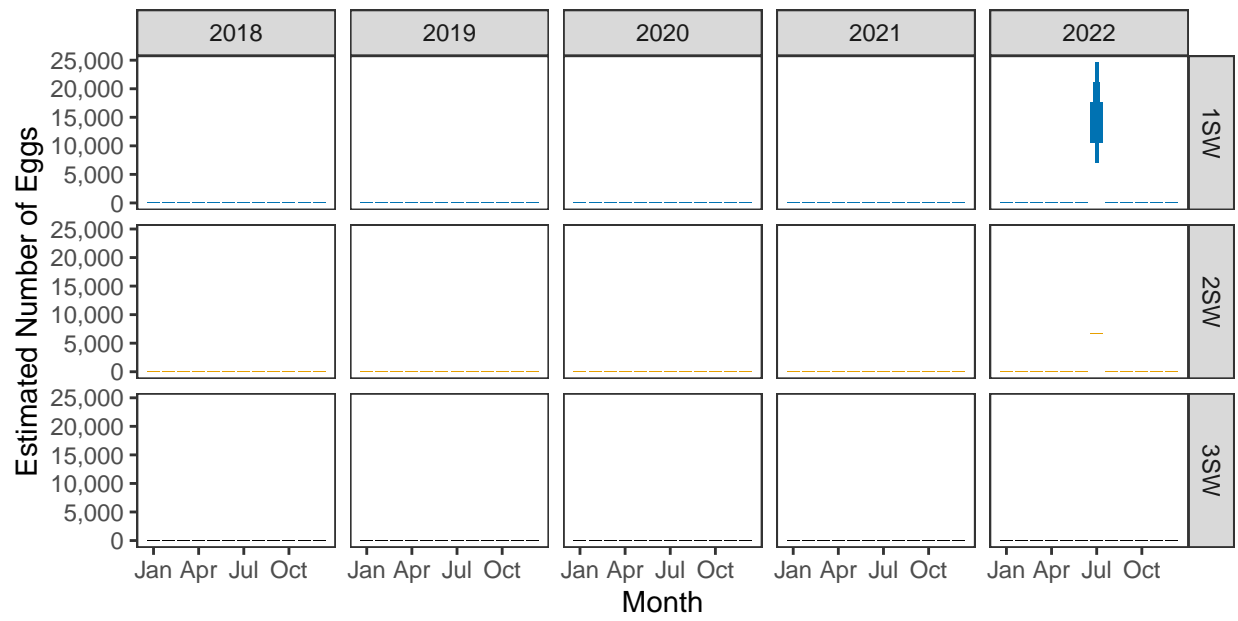
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

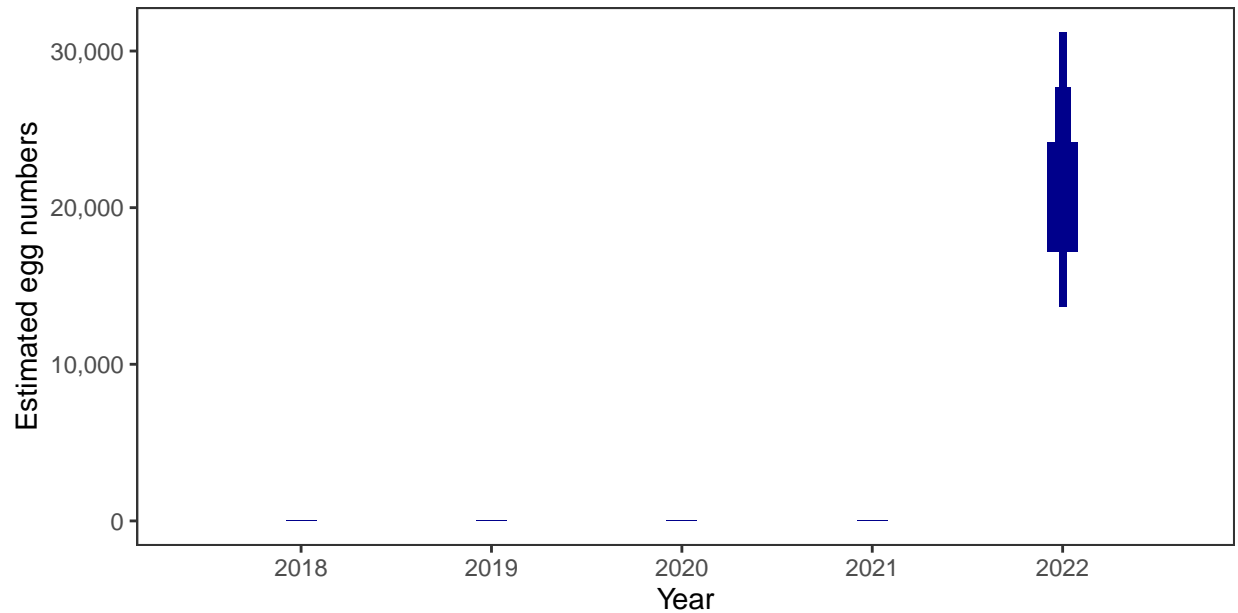


*Monthly number of eggs*



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).

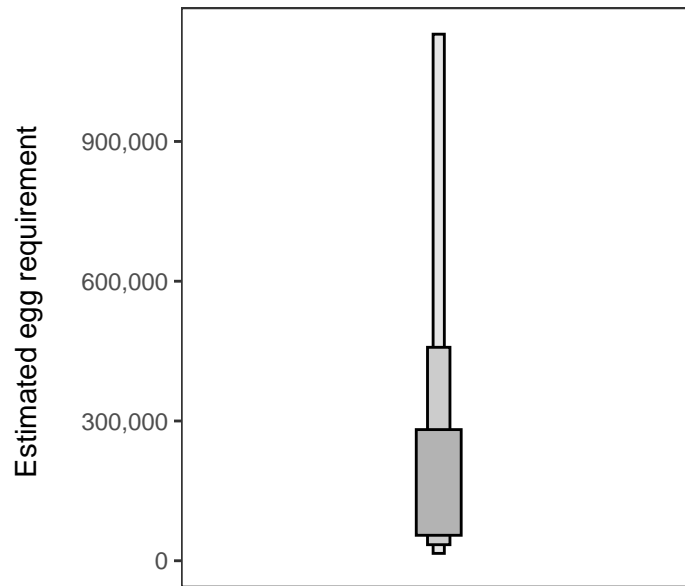
Year	Percentage above
2018	-
2019	-
2020	0.33
2021	0.03
2022	8.23

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

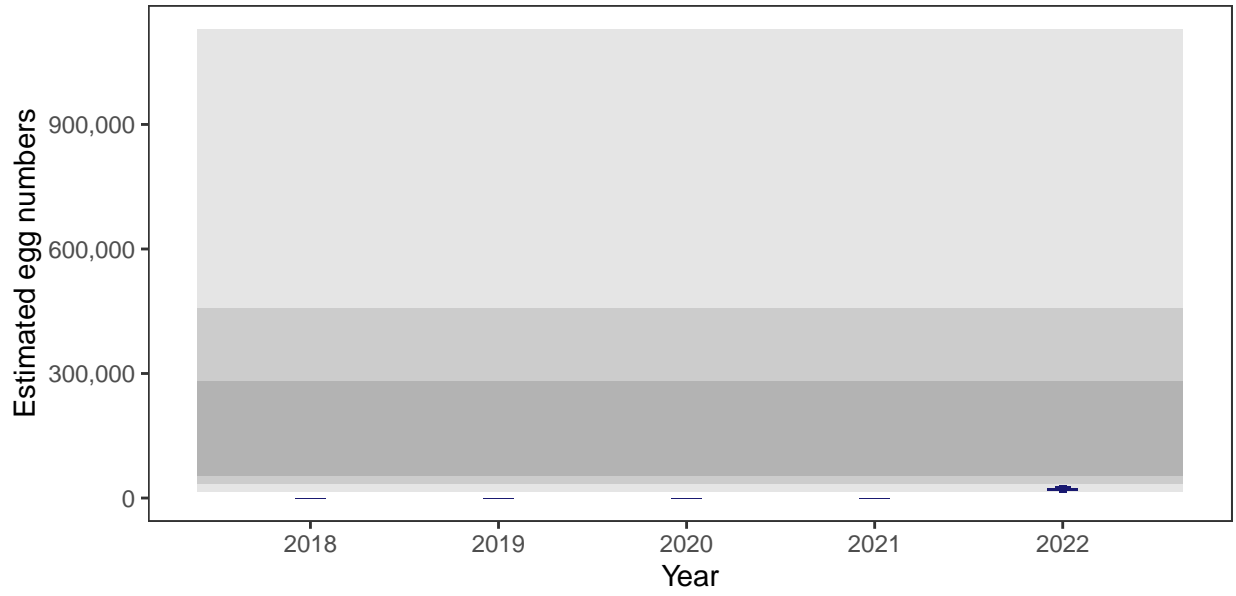
There is an estimated 112,671 square meters of known salmon habitat in the Lussa River (Mull) and a further 29,655 square meters where salmon may be present.

##### *Egg requirement*



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

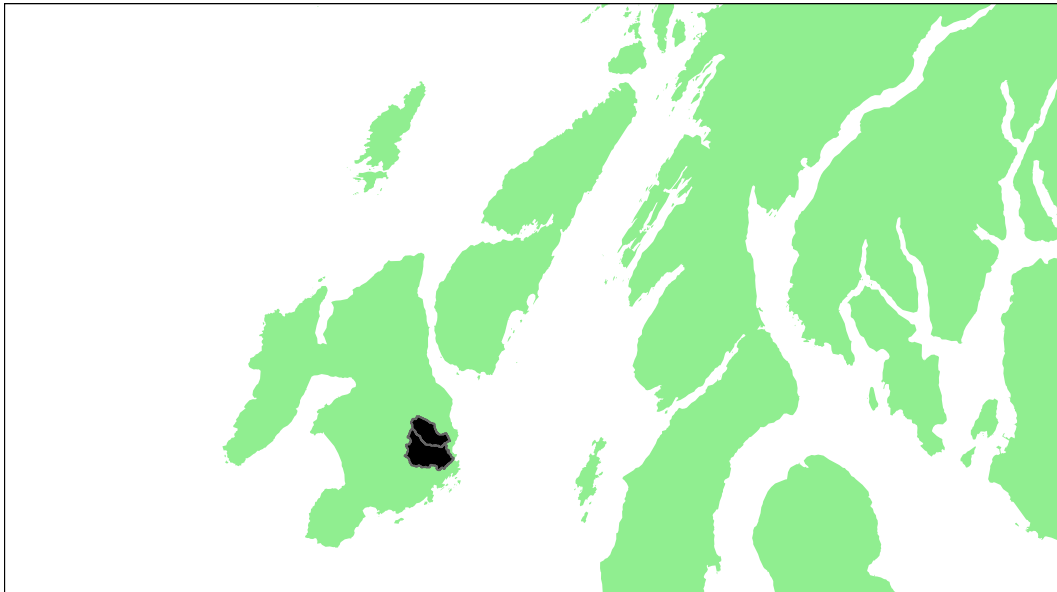
5. Percentage chance that the egg requirement has been reached



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)



## Kintour and Claggain: Grade 3



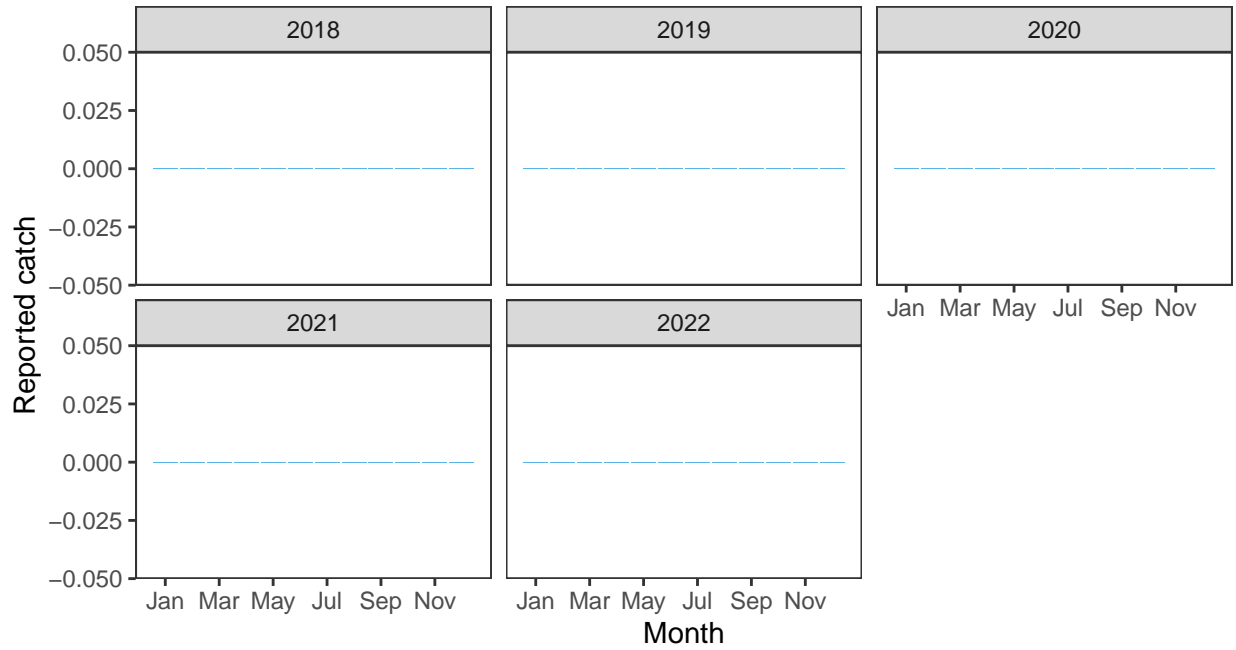
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.12	48,000	101,000	0	0	0.42	0.06	0	0.00096	3

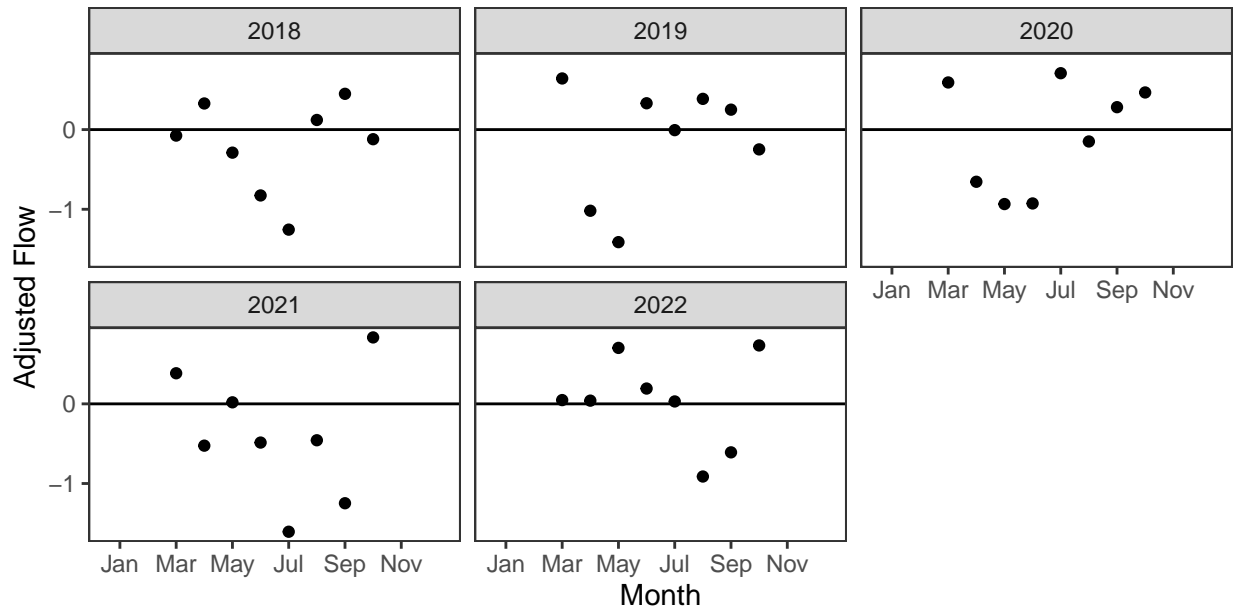
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

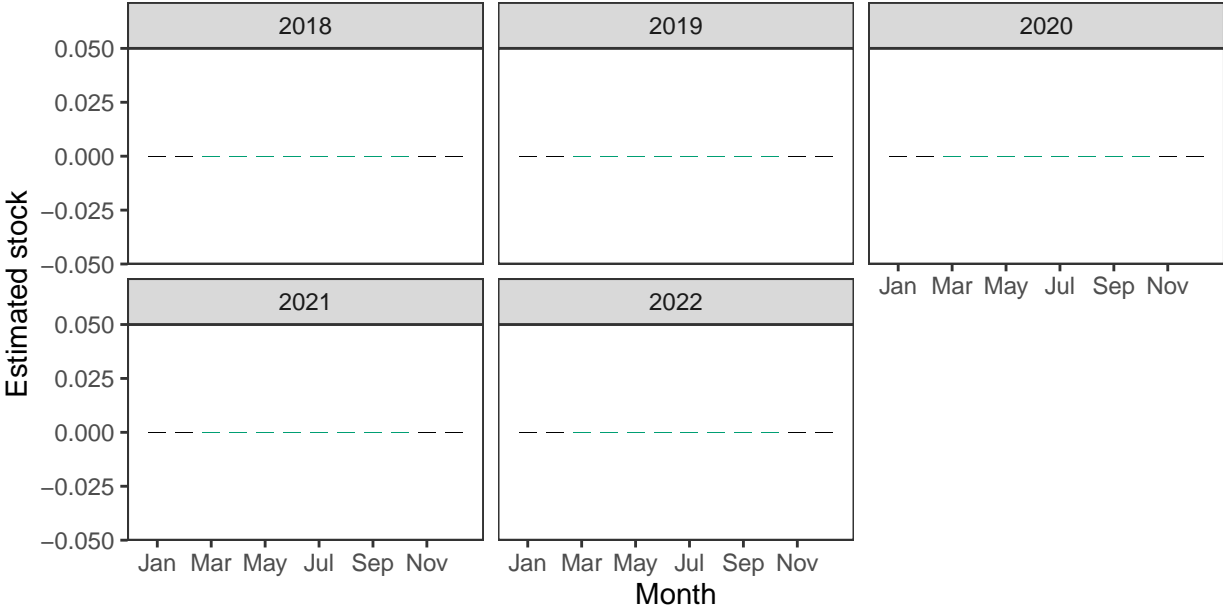
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

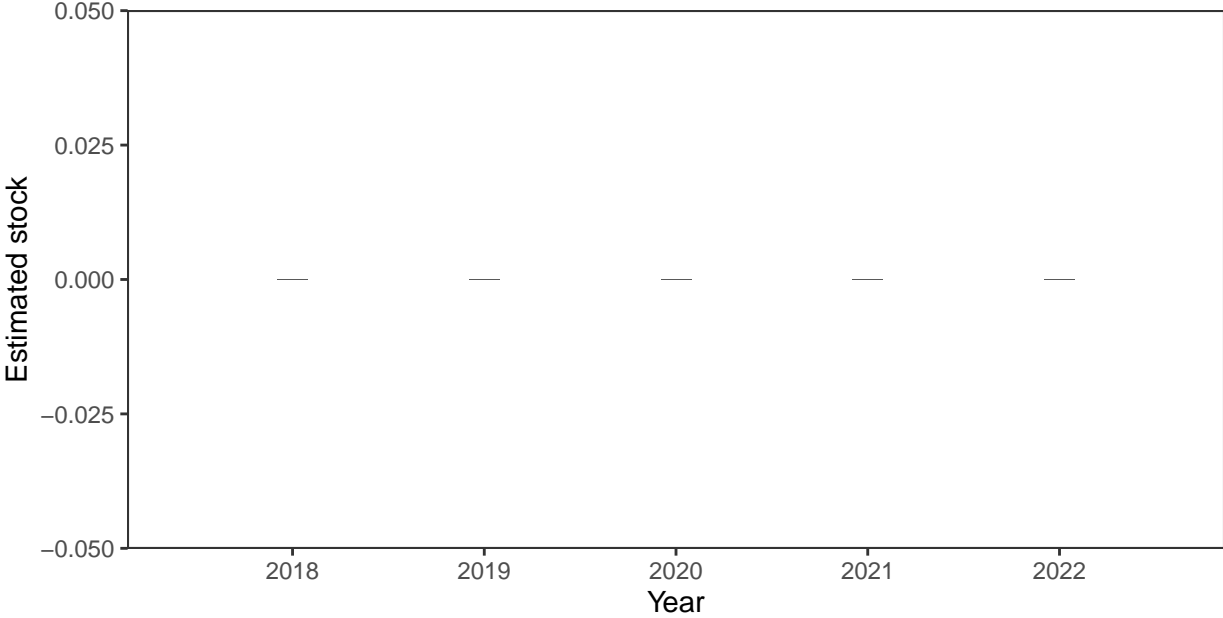


*Monthly stock estimates (out of season in black)*



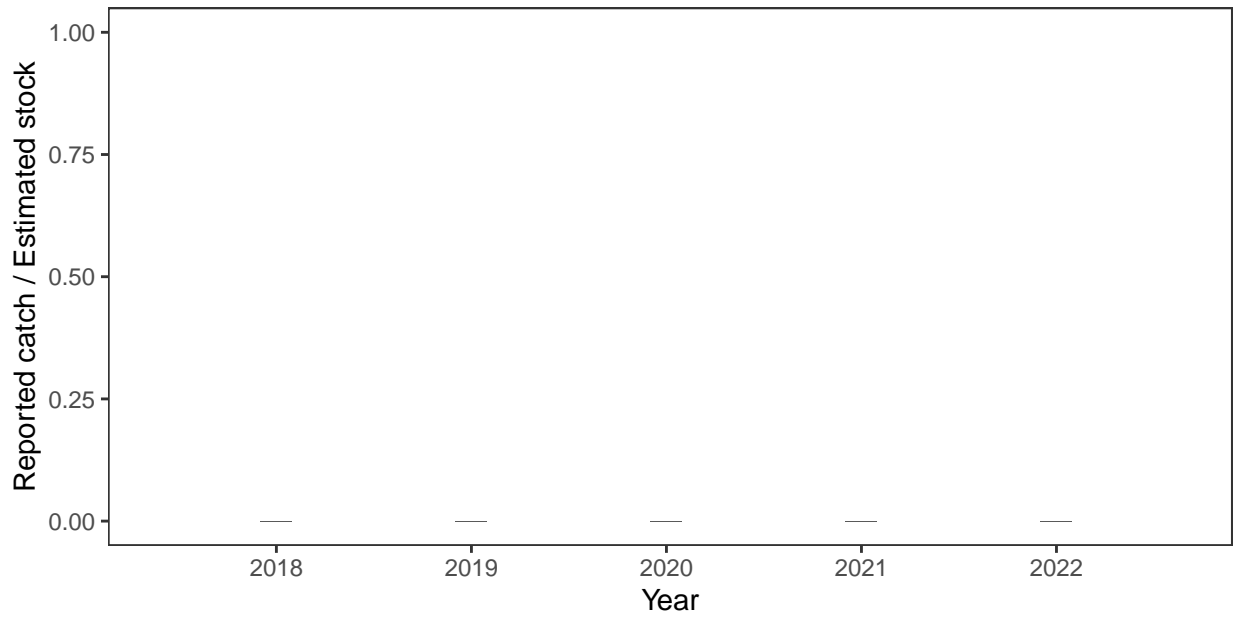
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



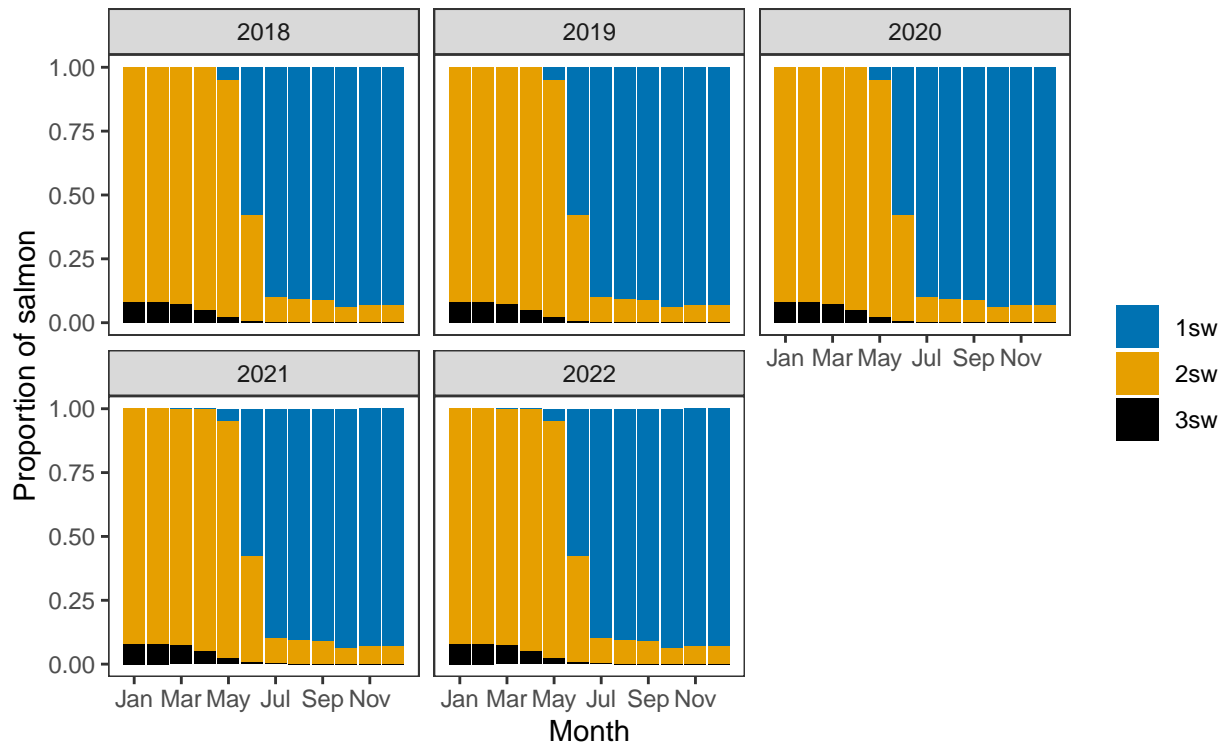
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

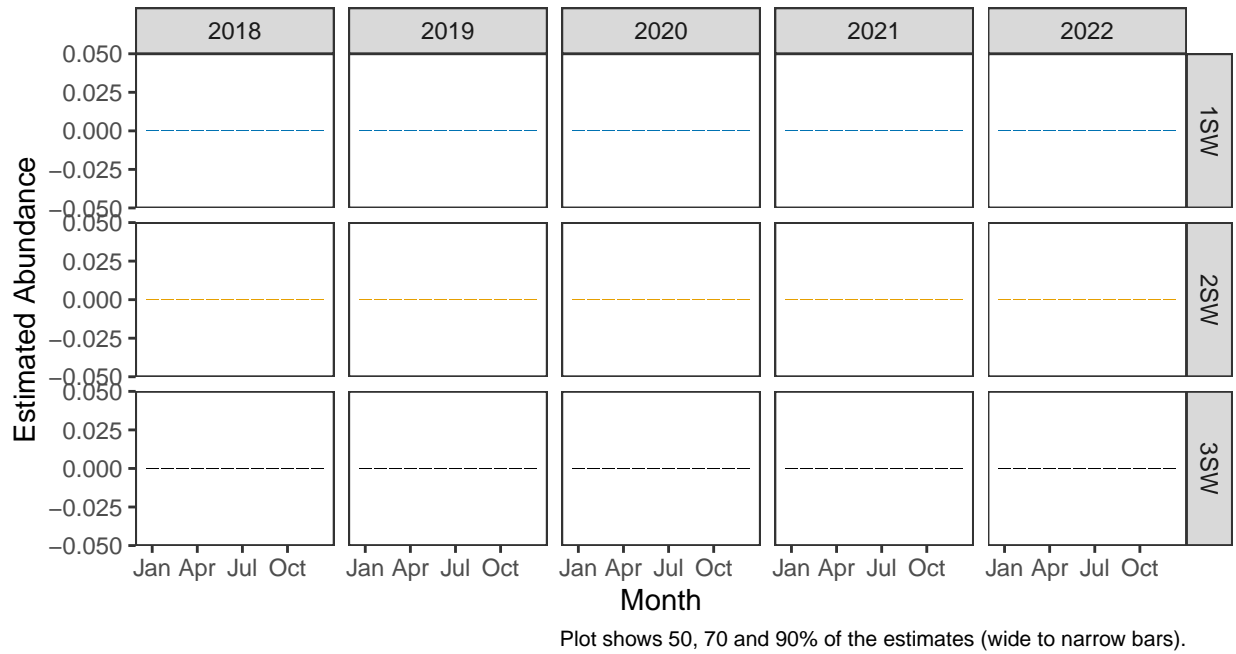


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

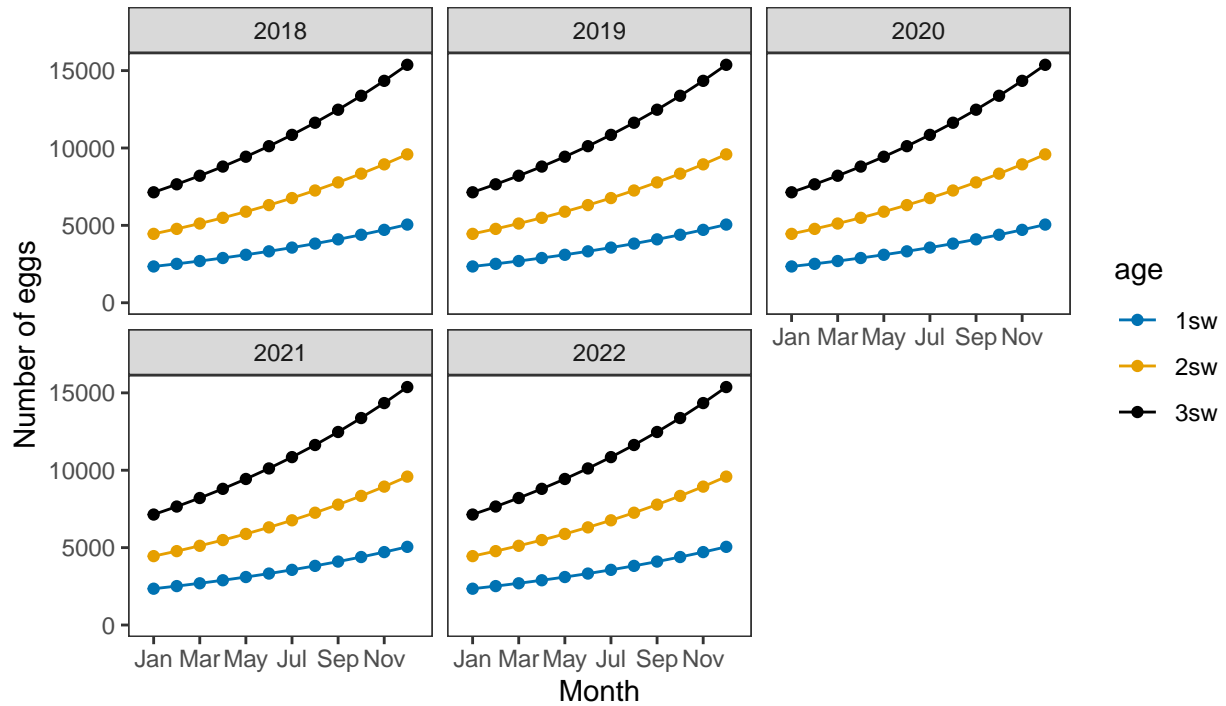


*Monthly number of spawning females*

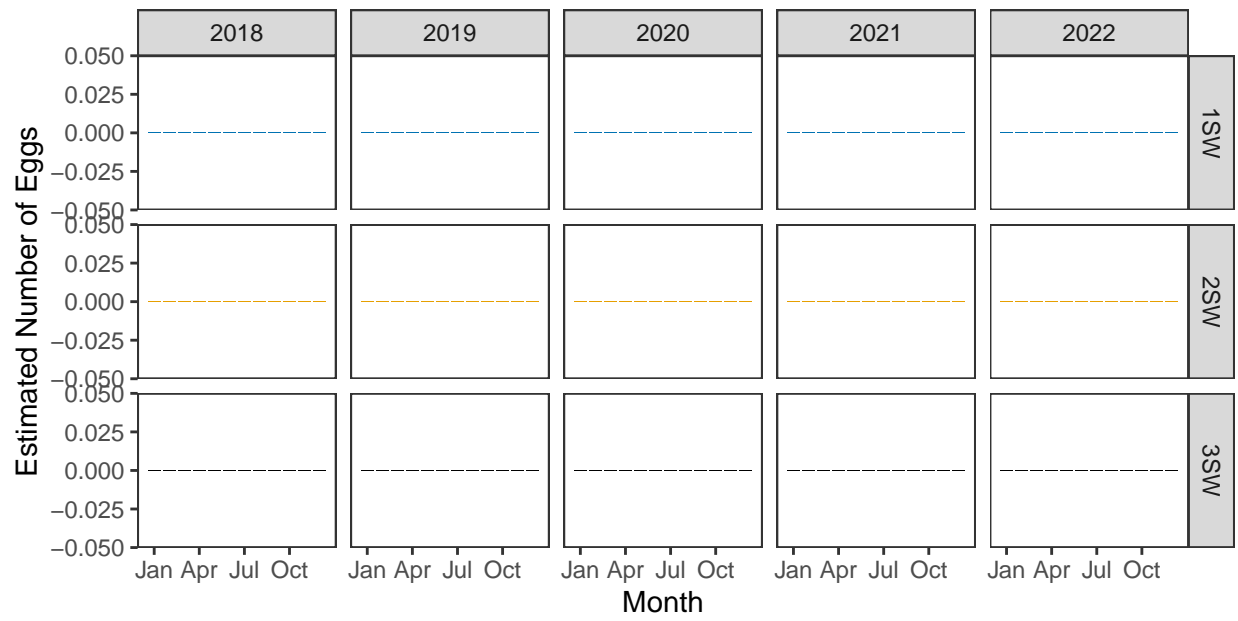


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

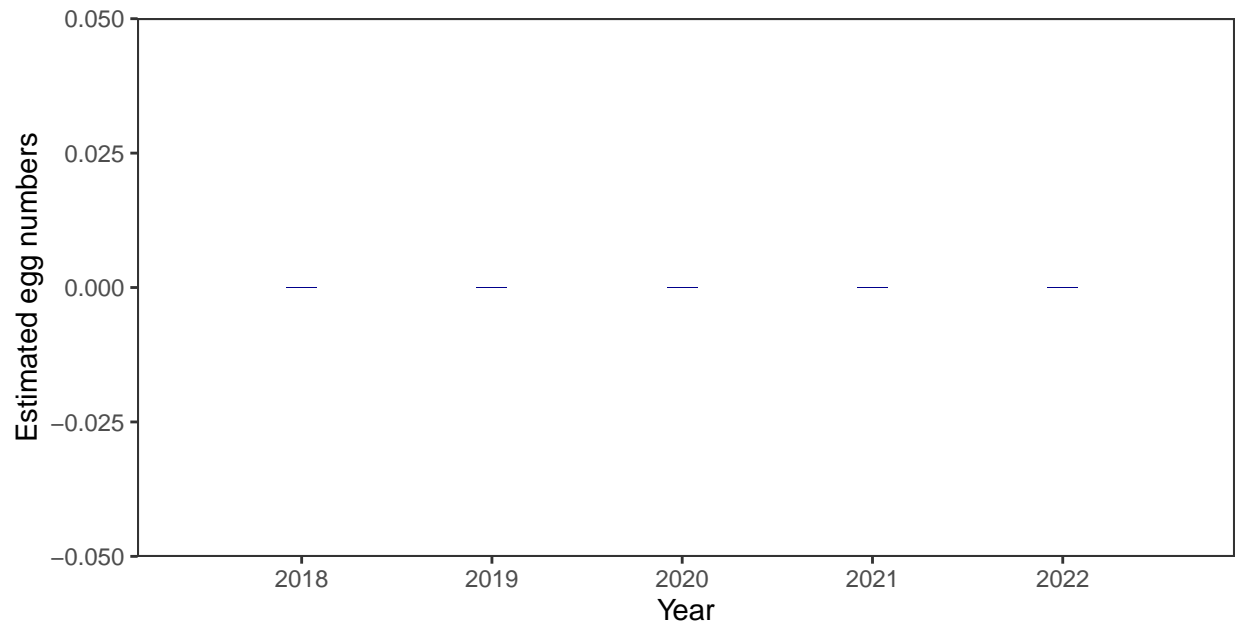


*Monthly number of eggs*



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).

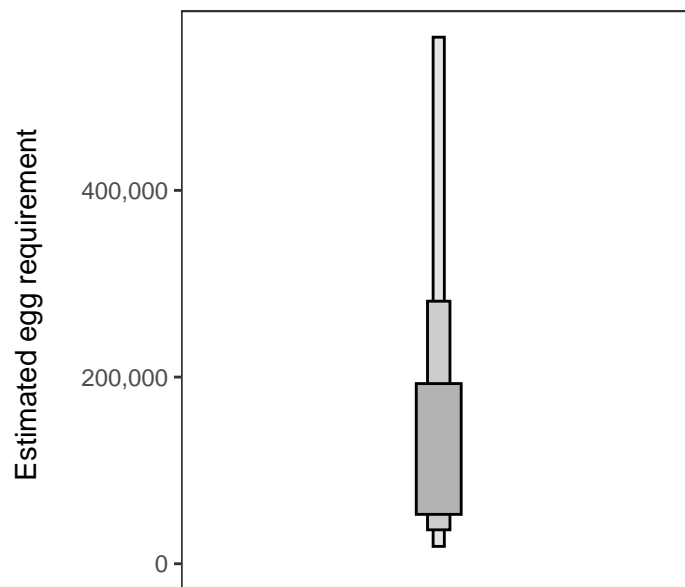
Year	Percentage above
2018	-
2019	-
2020	0.42
2021	0.06
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

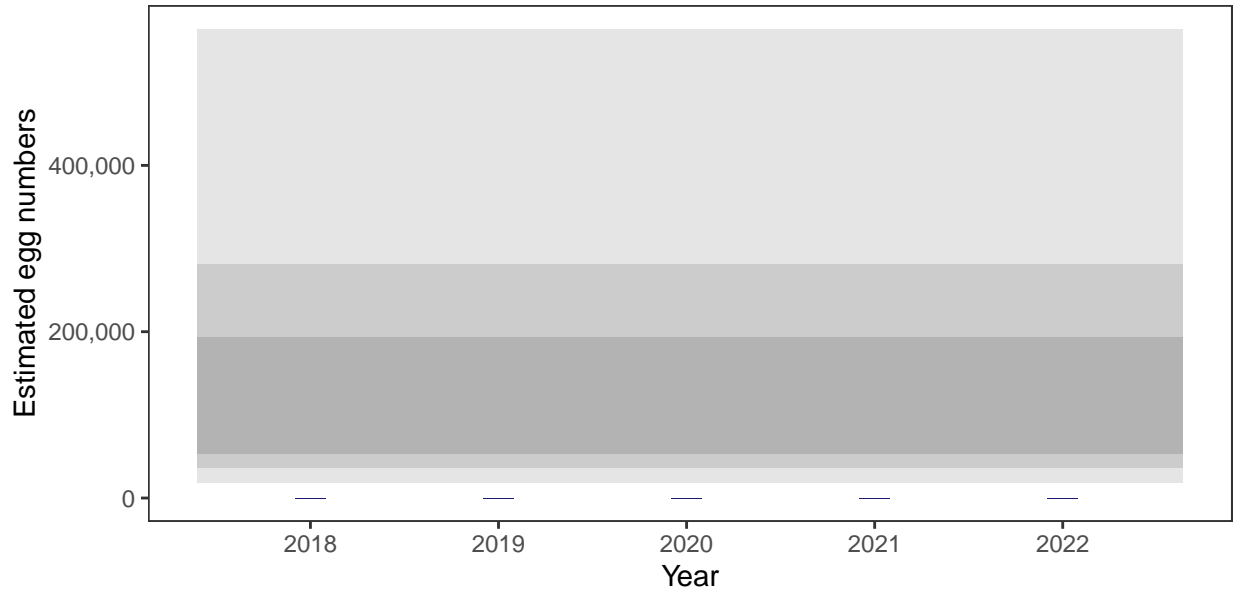
There is an estimated 49,141 square meters of known salmon habitat in the Kintour and Claggain and a further 9,637 square meters where salmon may be present.

##### *Egg requirement*



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

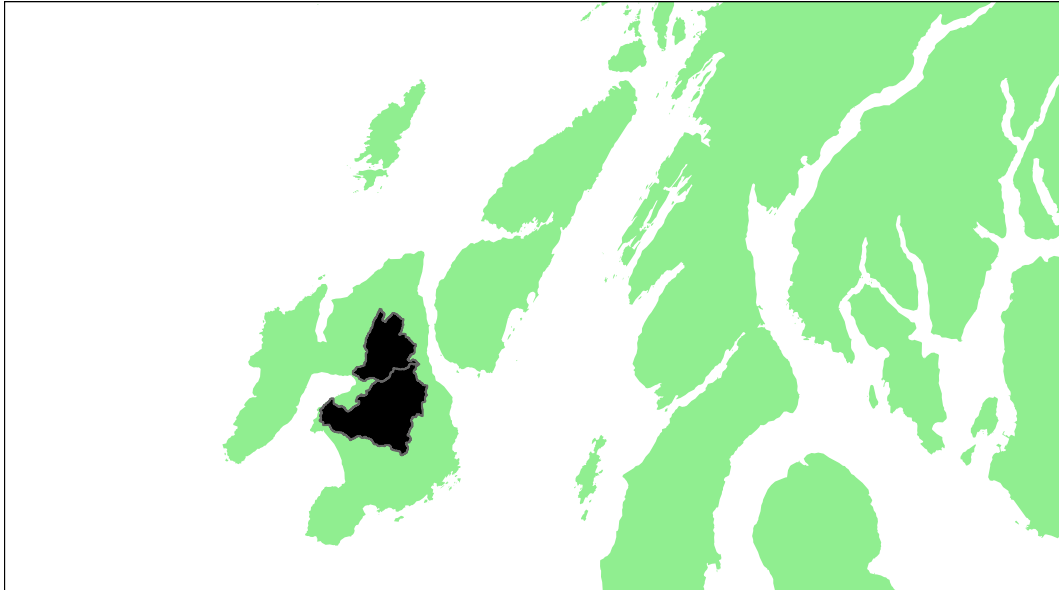
5. Percentage chance that the egg requirement has been reached



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)



## Laggan and Sorn: Grade 3



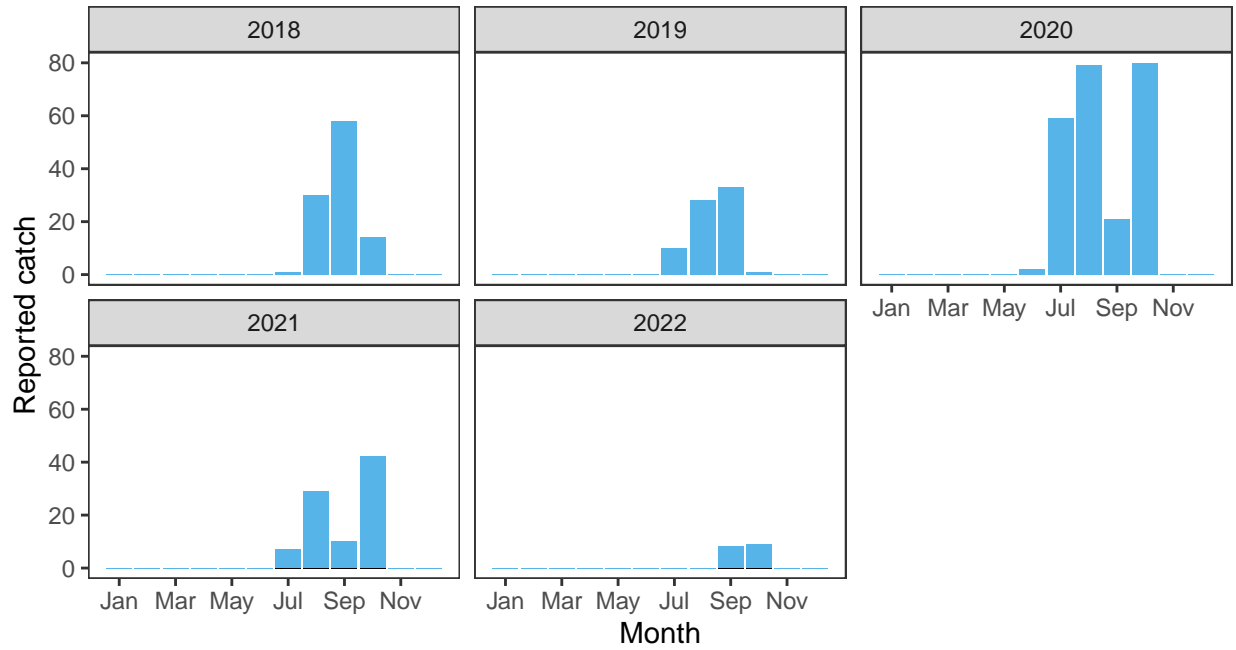
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
2.11	357,000	756,000	58.65	52.01	90.2	63.45	5.24	0.5391	3

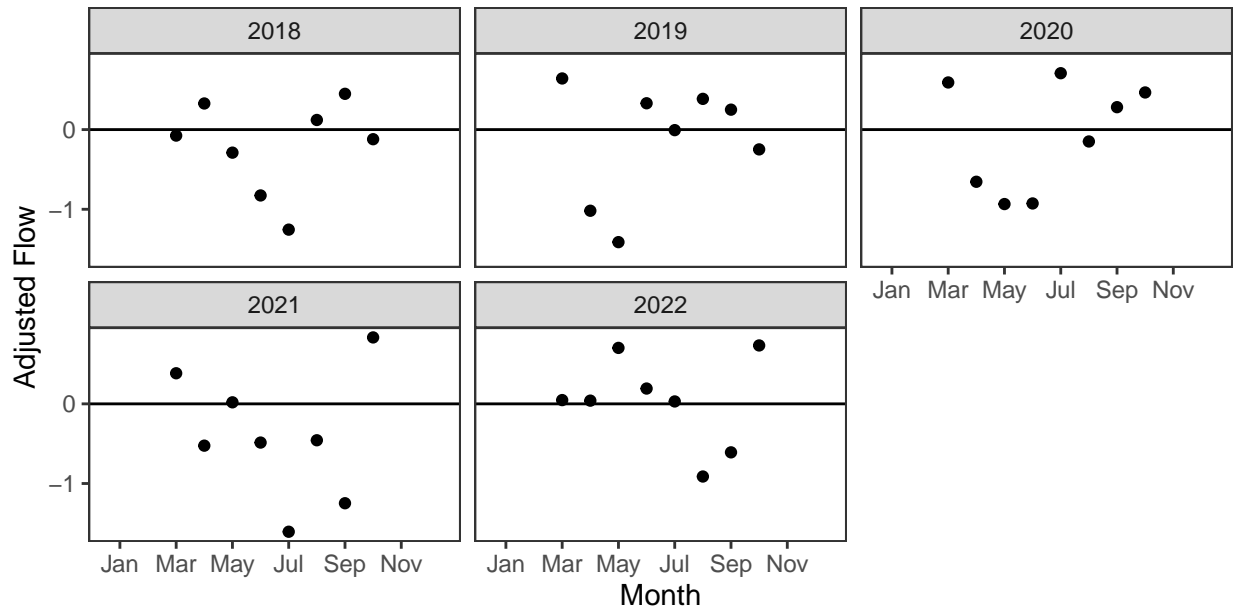
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

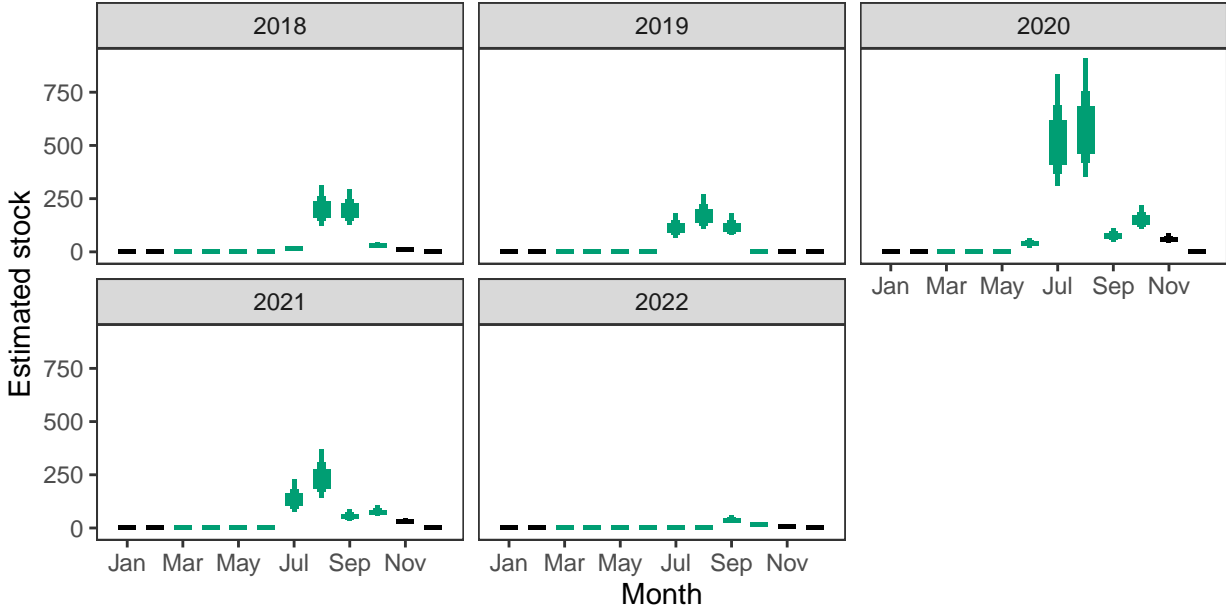
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

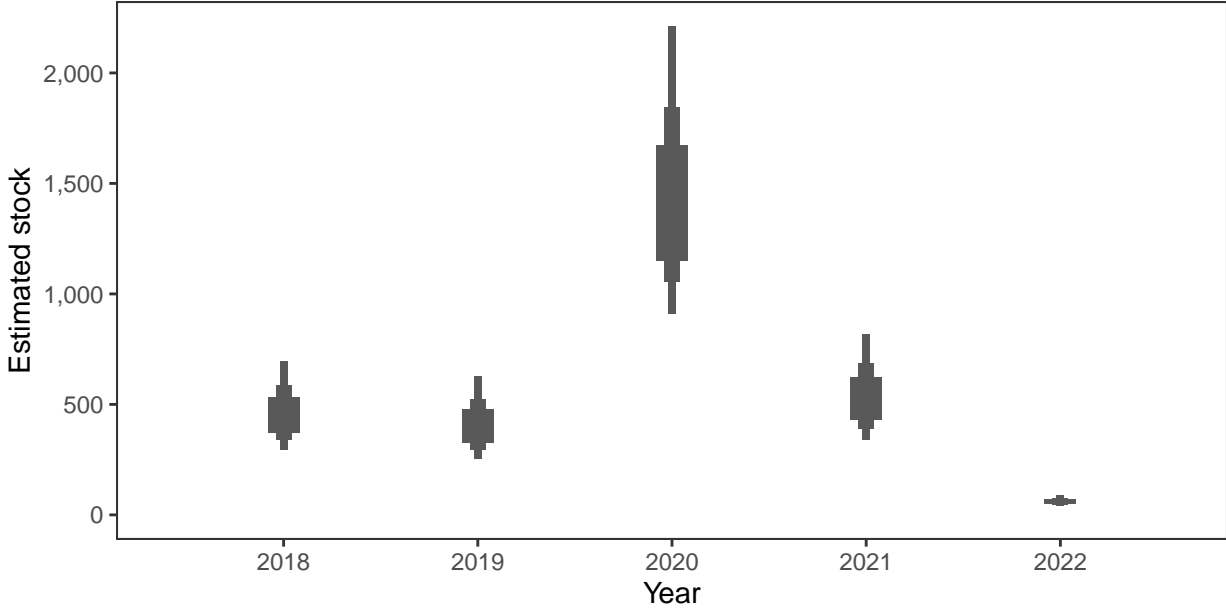


*Monthly stock estimates (out of season in black)*



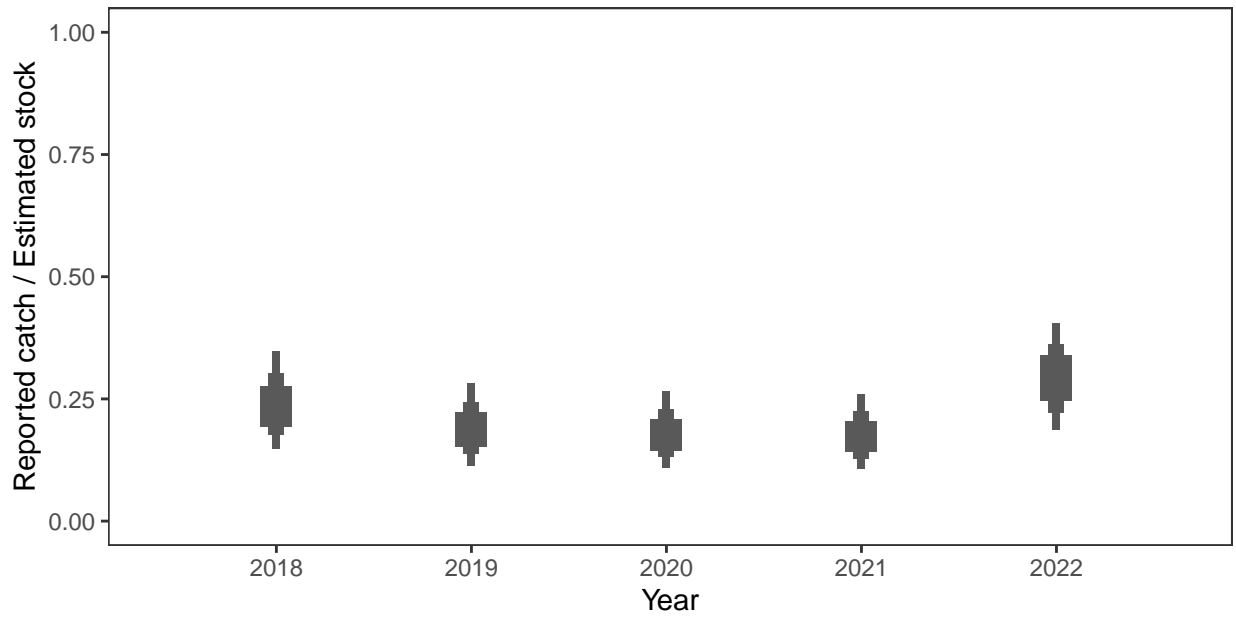
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



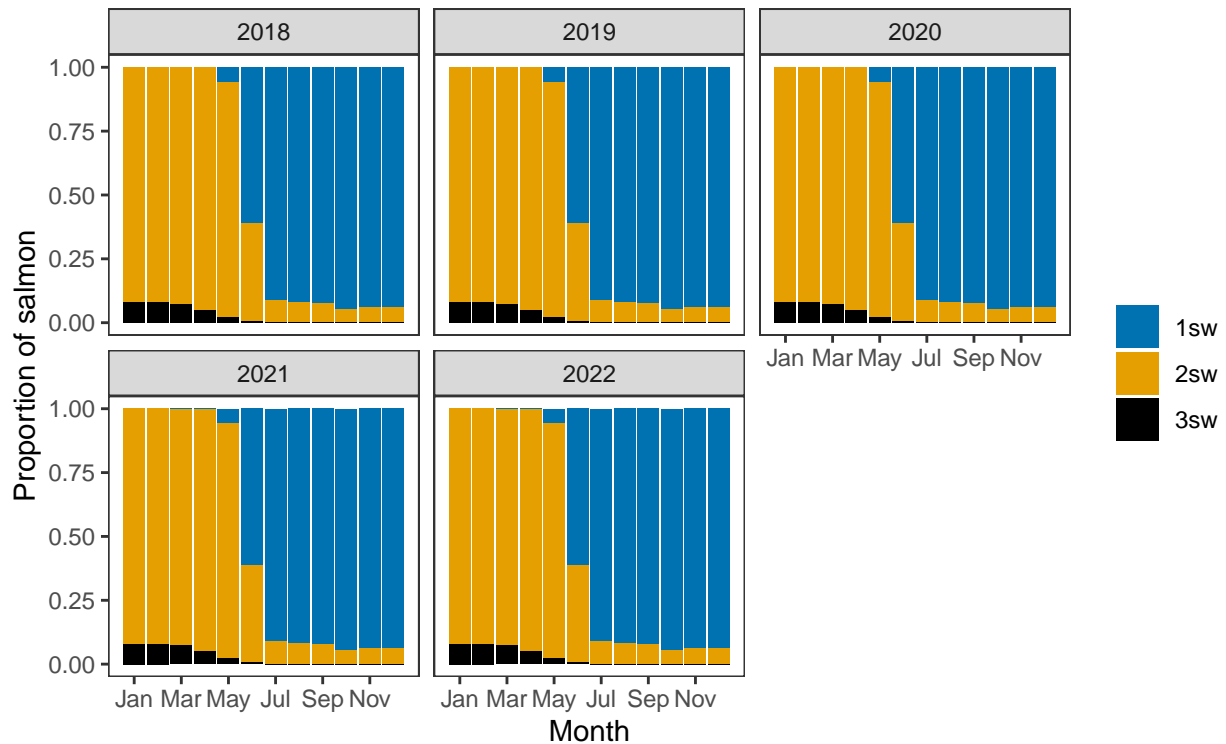
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

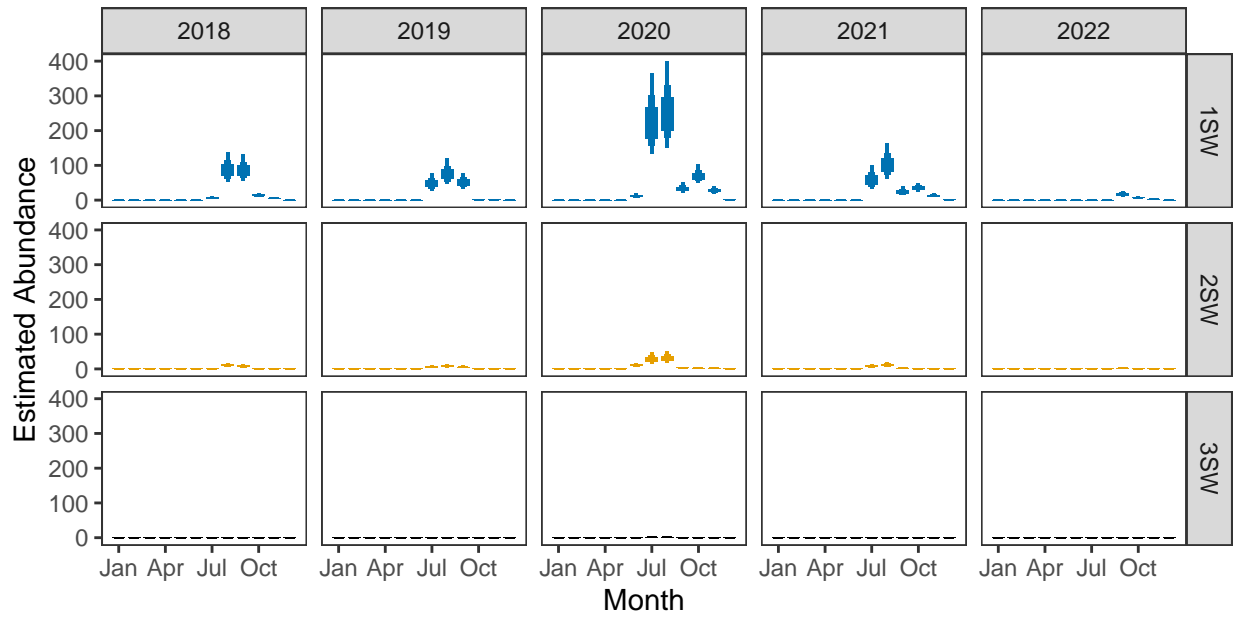


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



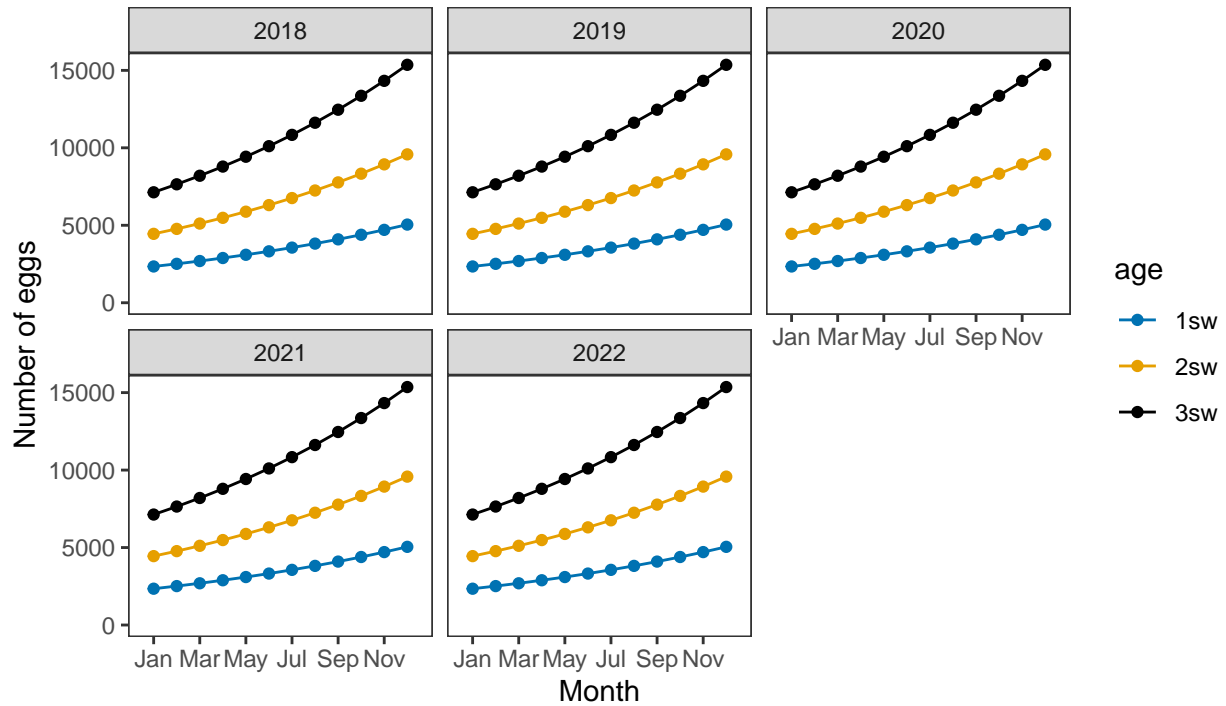
*Monthly number of spawning females*



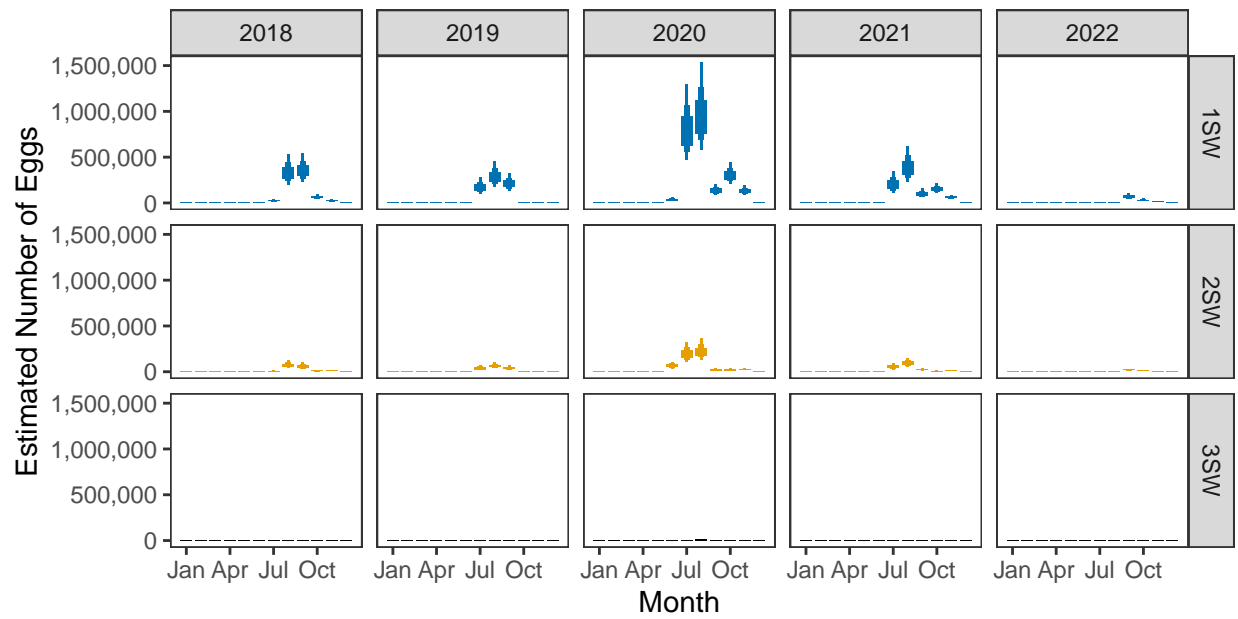
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

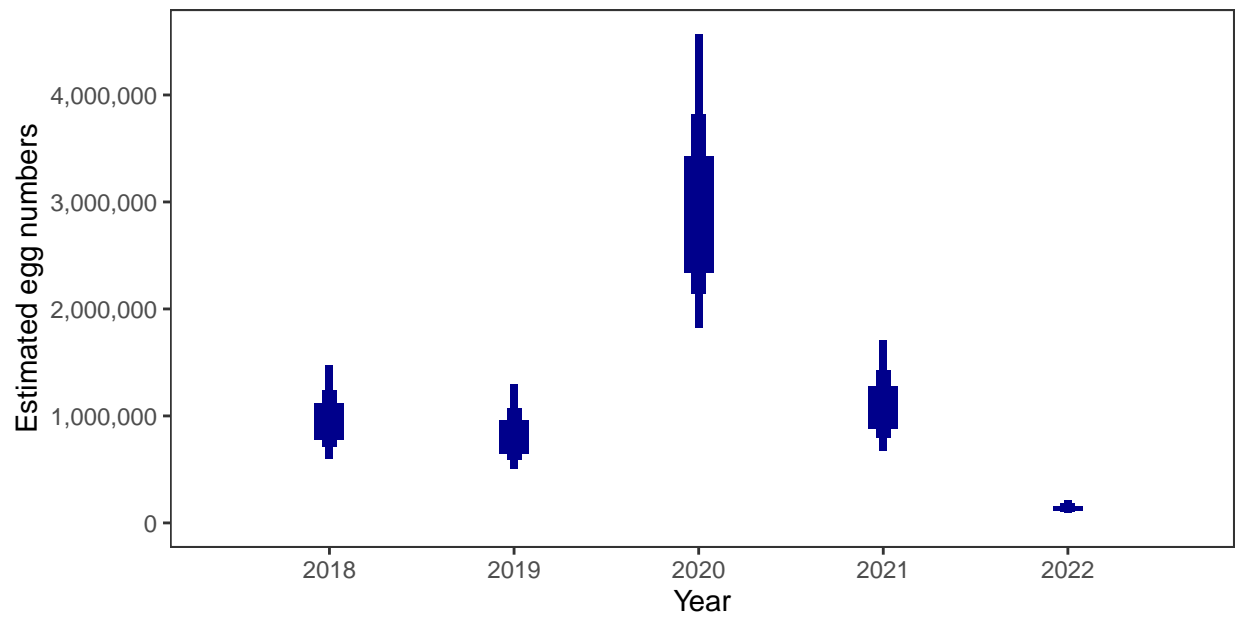


*Monthly number of eggs*



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).

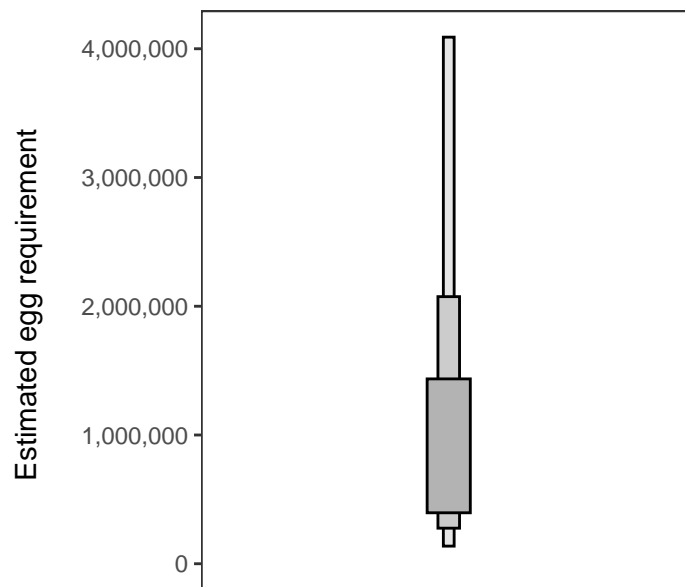
Year	Percentage above
2018	58.65
2019	52.01
2020	90.20
2021	63.45
2022	5.24

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

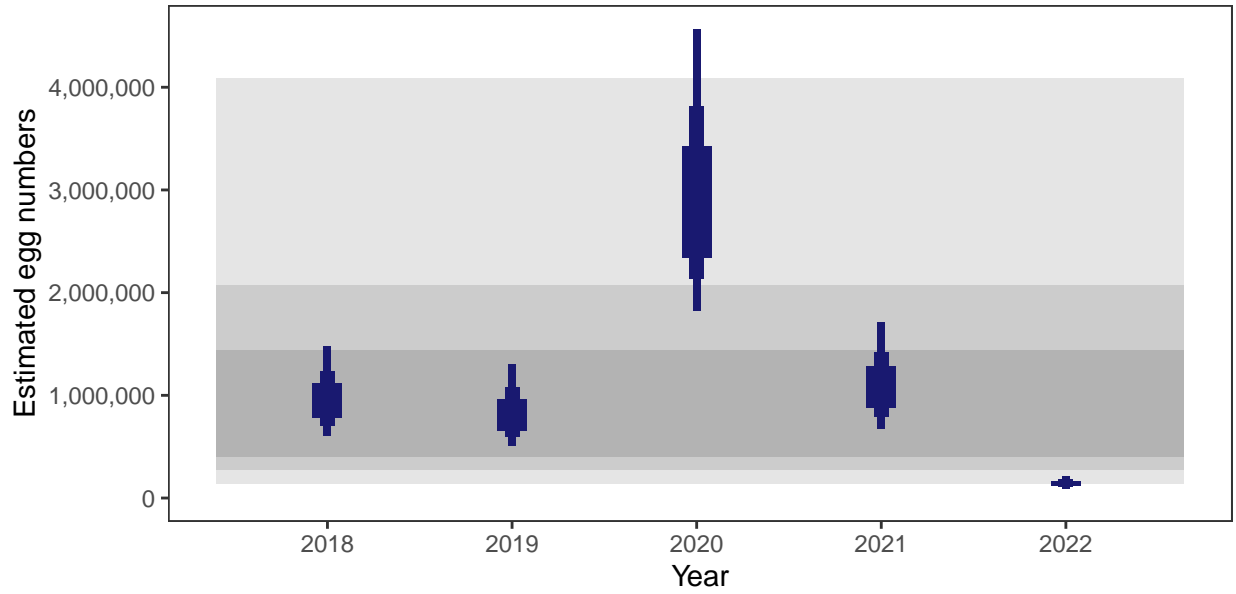
There is an estimated 367,855 square meters of known salmon habitat in the Laggan and Sorn and a further 76,076 square meters where salmon may be present.

##### *Egg requirement*



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

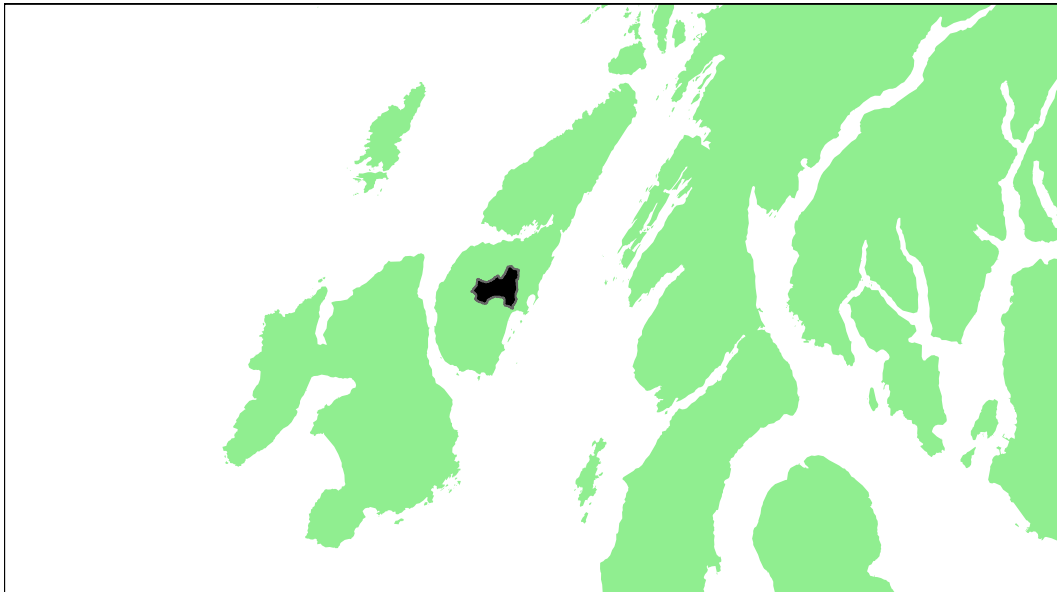
5. Percentage chance that the egg requirement has been reached



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)



## Corran River: Grade 3



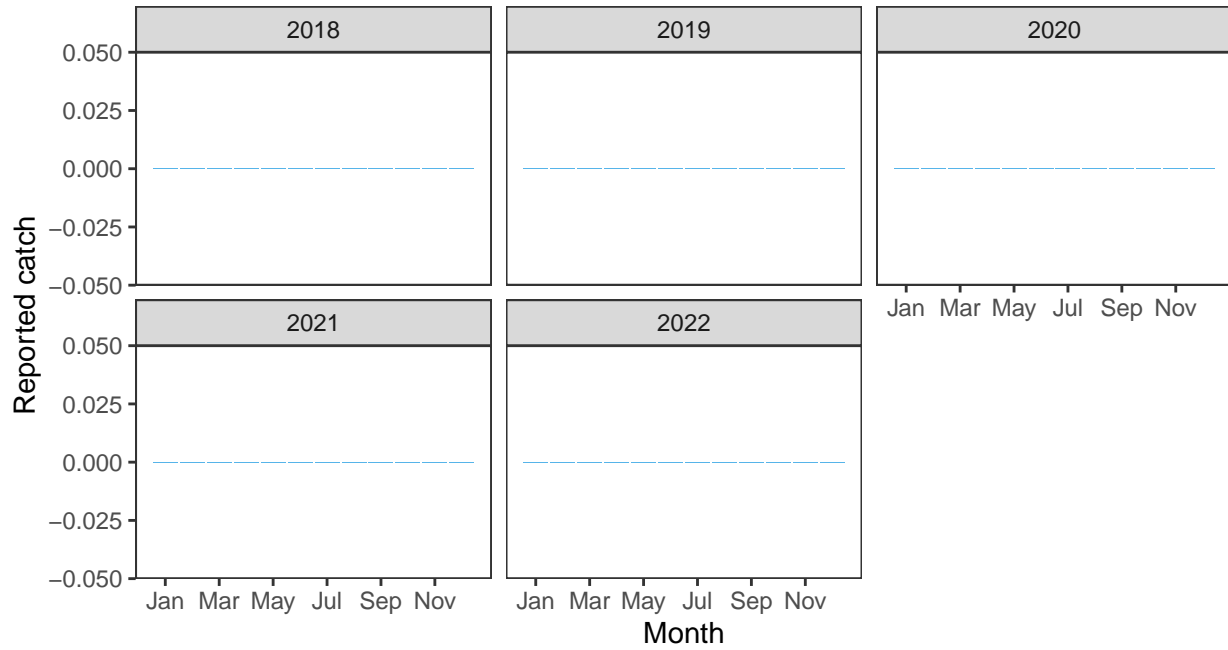
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.45	12,000	17,000	0	0	0.93	0.07	0	0.002	3

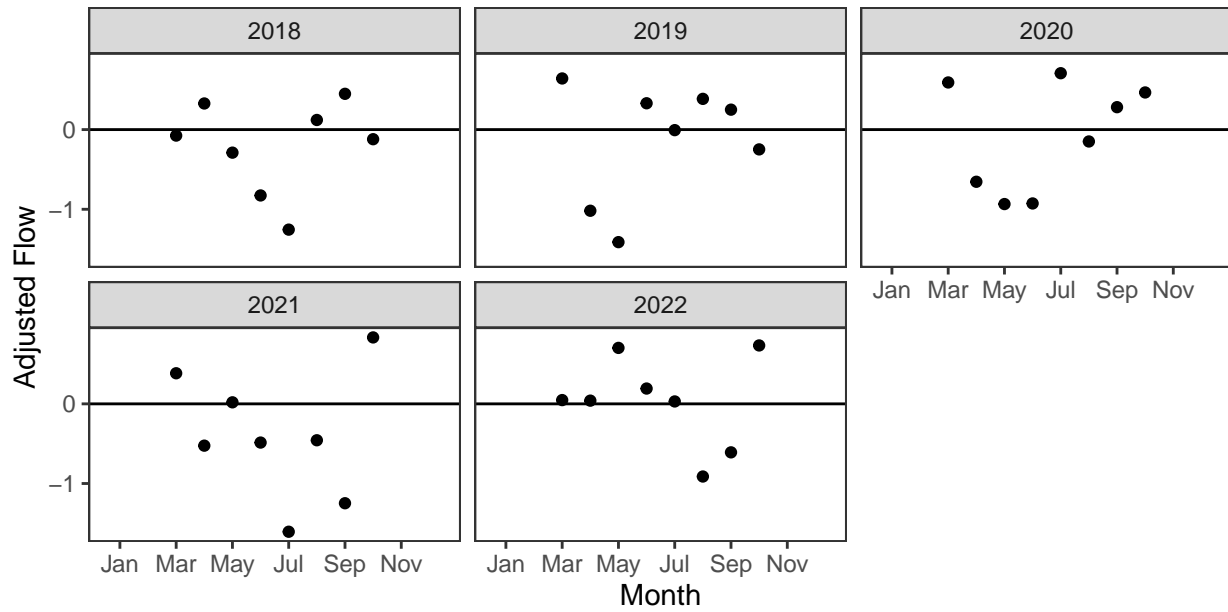
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

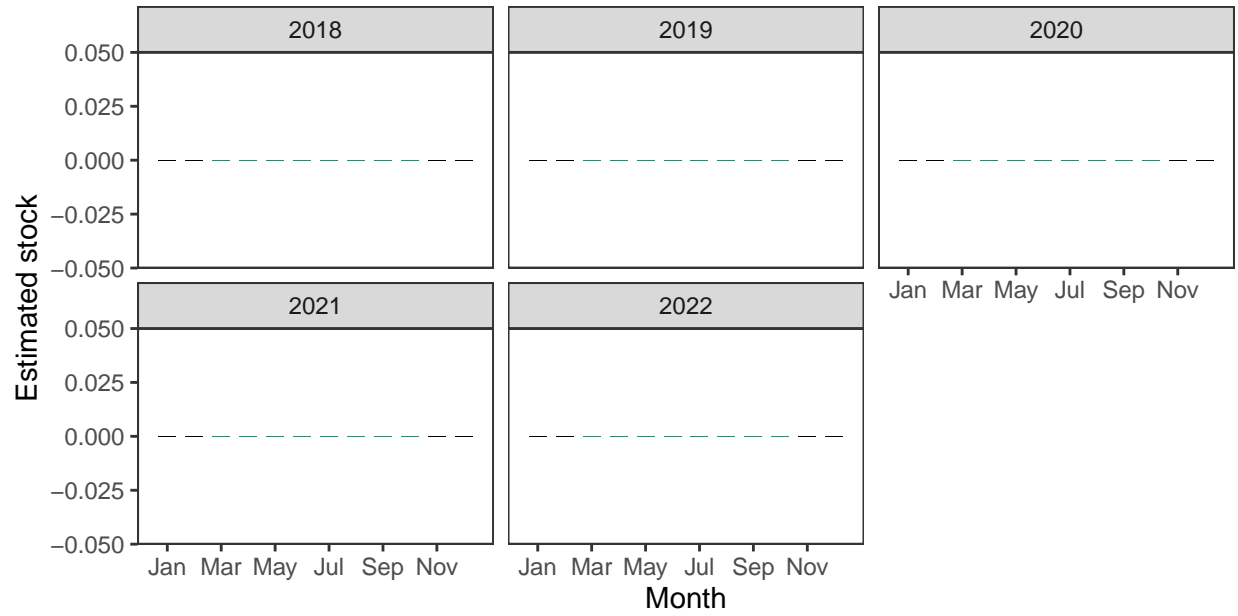
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

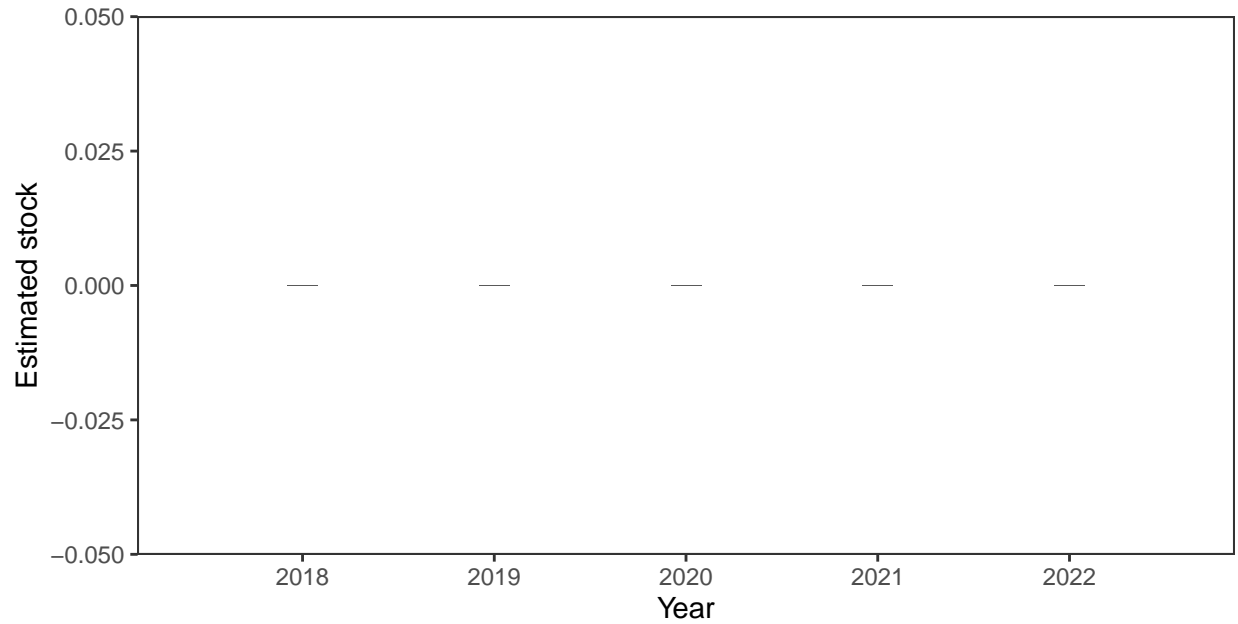


*Monthly stock estimates (out of season in black)*



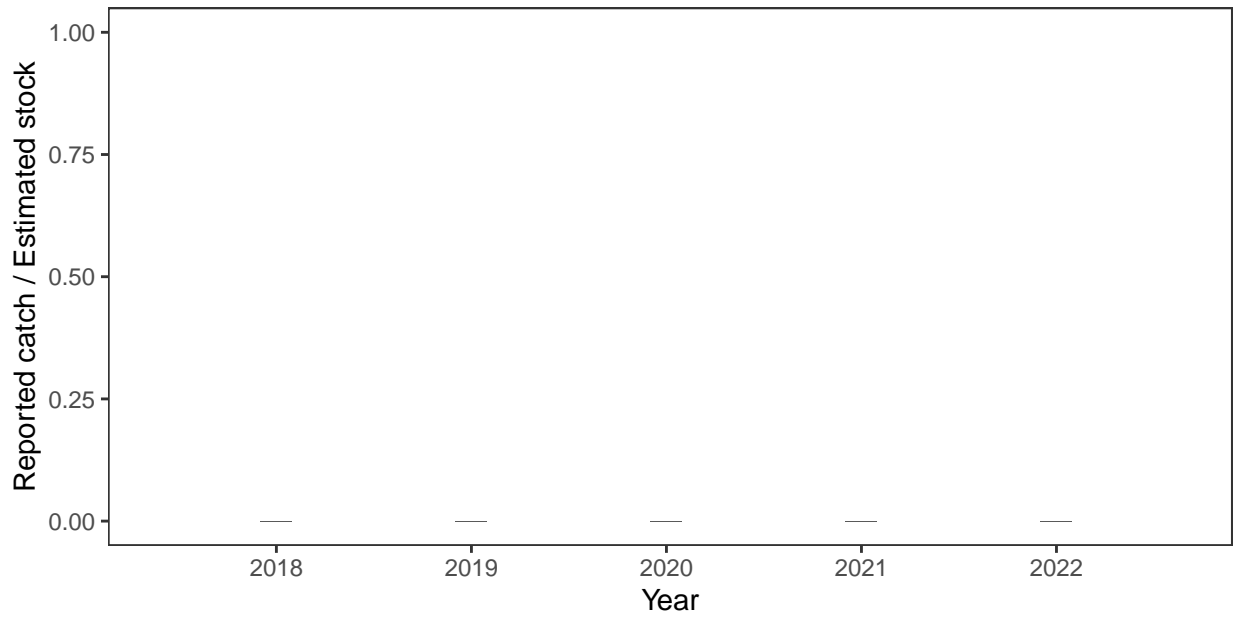
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



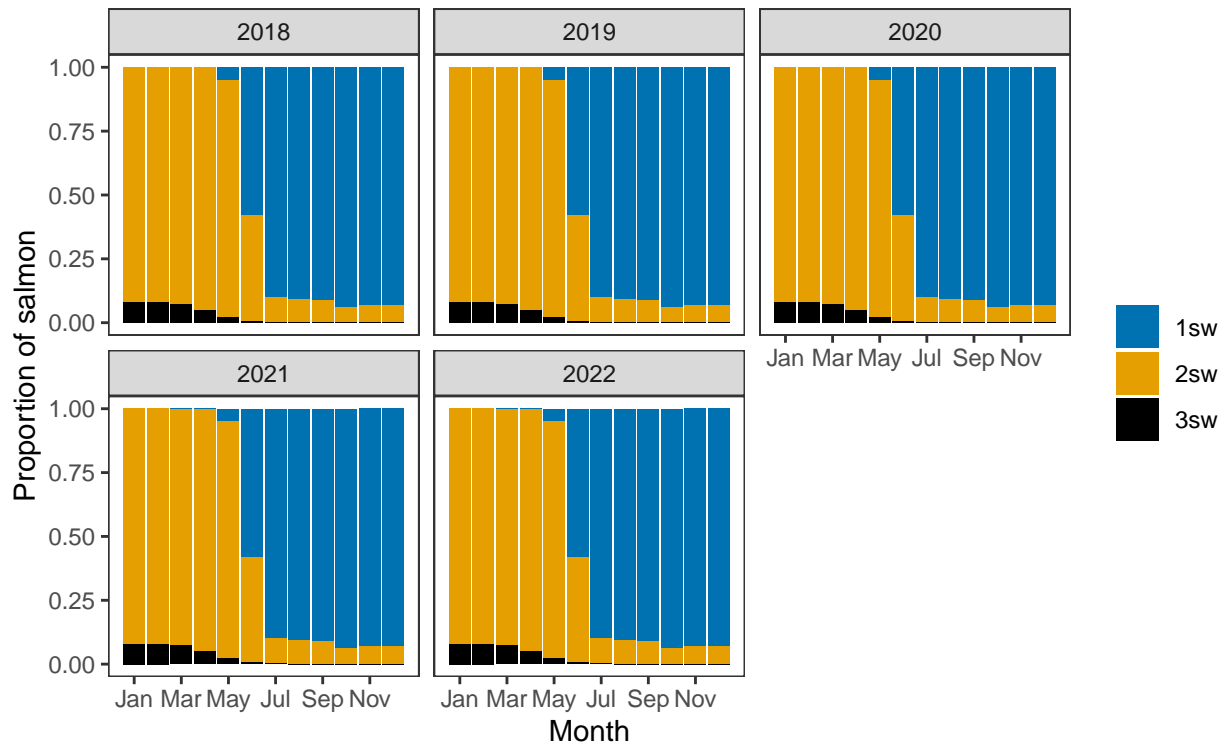
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

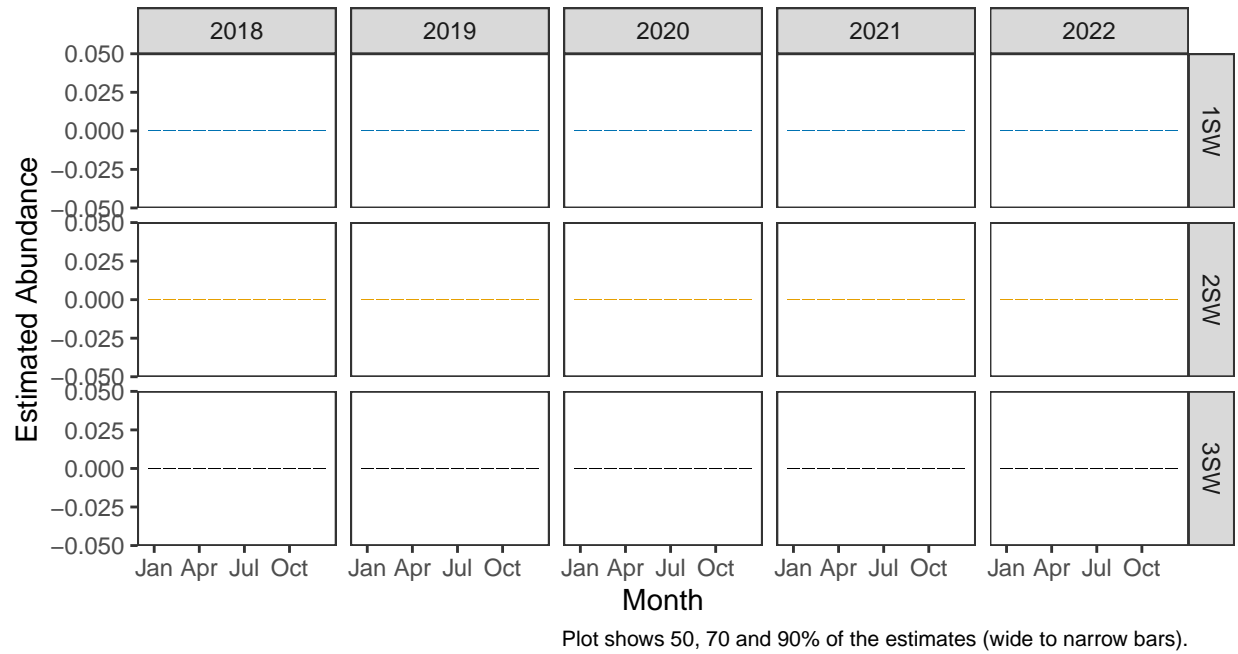


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*

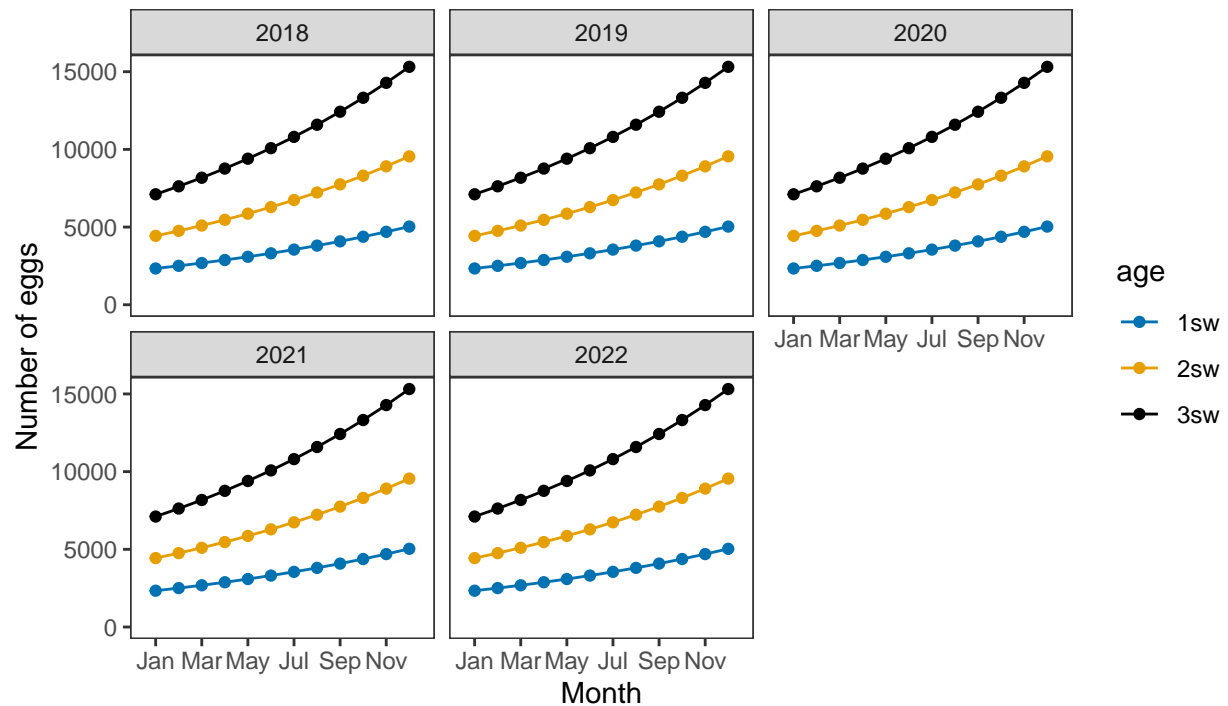


*Monthly number of spawning females*

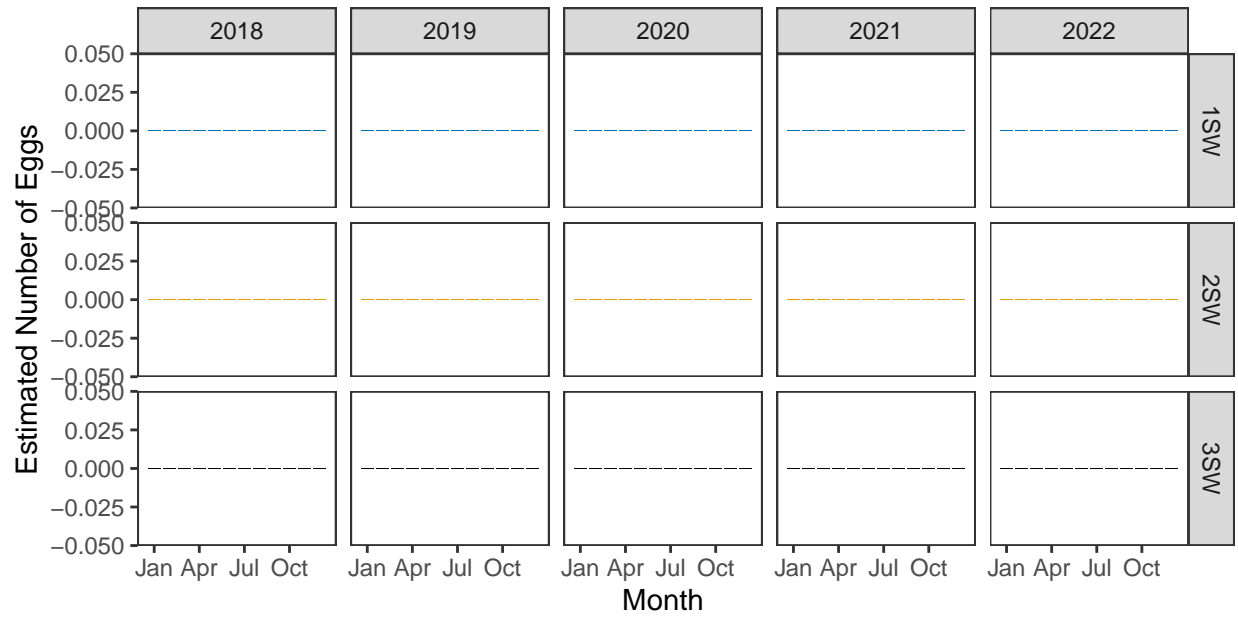


**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

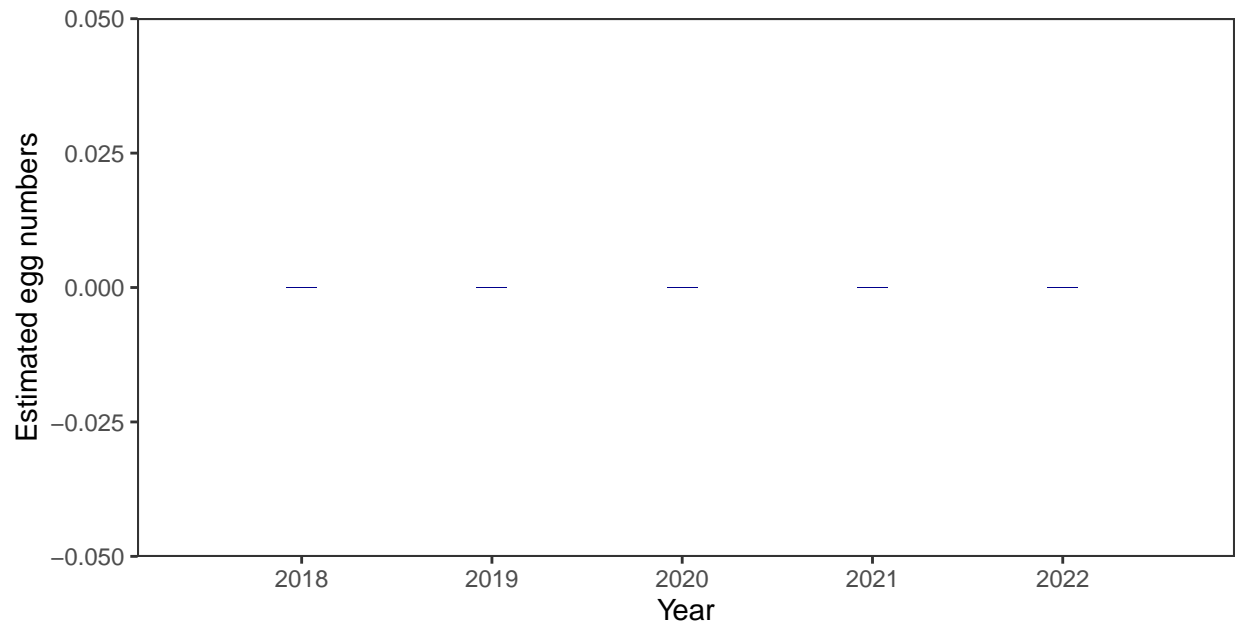


*Monthly number of eggs*



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).

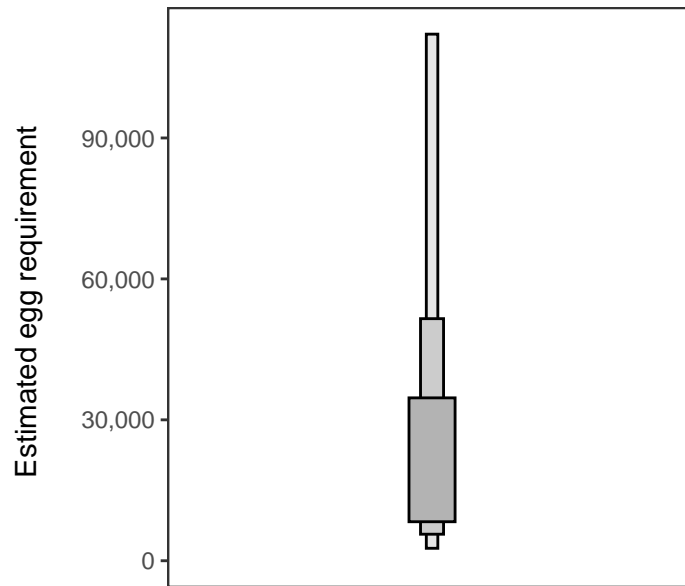
Year	Percentage above
2018	-
2019	-
2020	0.93
2021	0.07
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

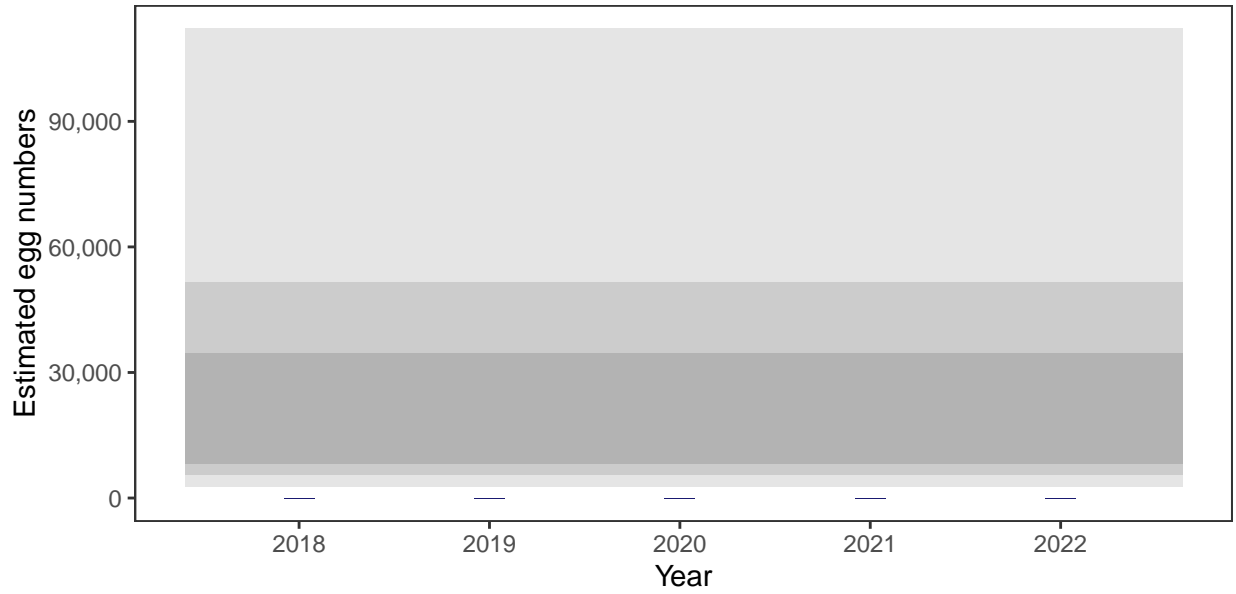
There is an estimated 13,366 square meters of known salmon habitat in the Corran River and a further 0 square meters where salmon may be present.

##### *Egg requirement*



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

5. Percentage chance that the egg requirement has been reached



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)



## Lussa River (Jura): Grade 2



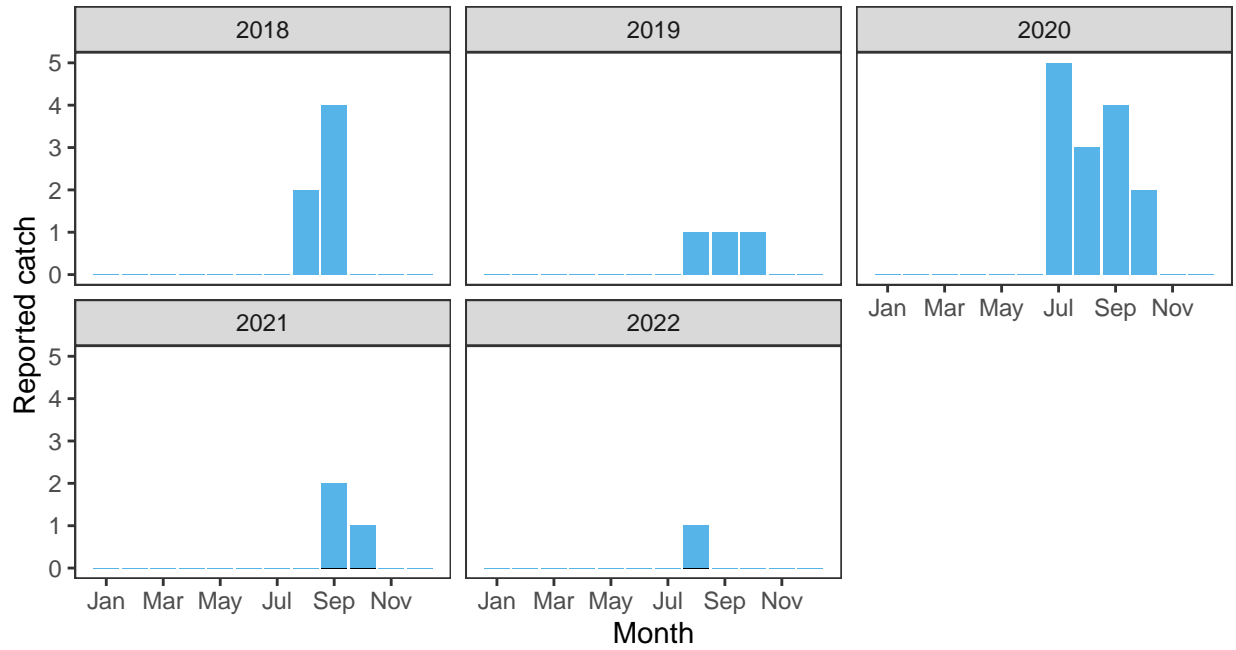
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.43	21,000	30,000	73.48	46.93	94.11	53.05	37.22	0.60958	2

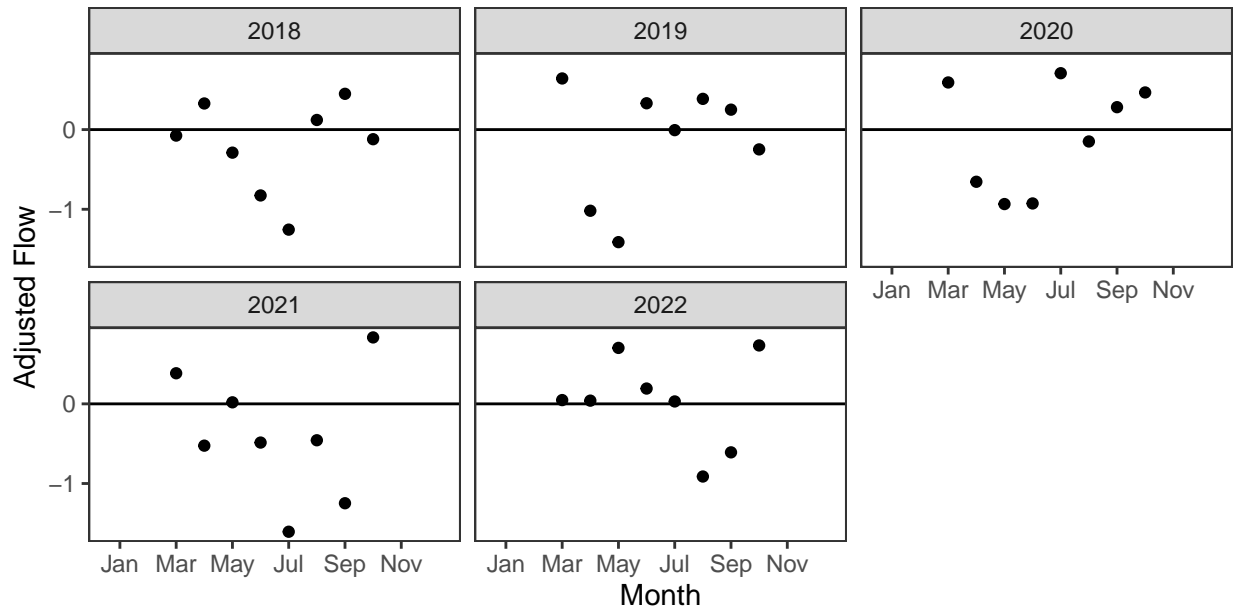
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

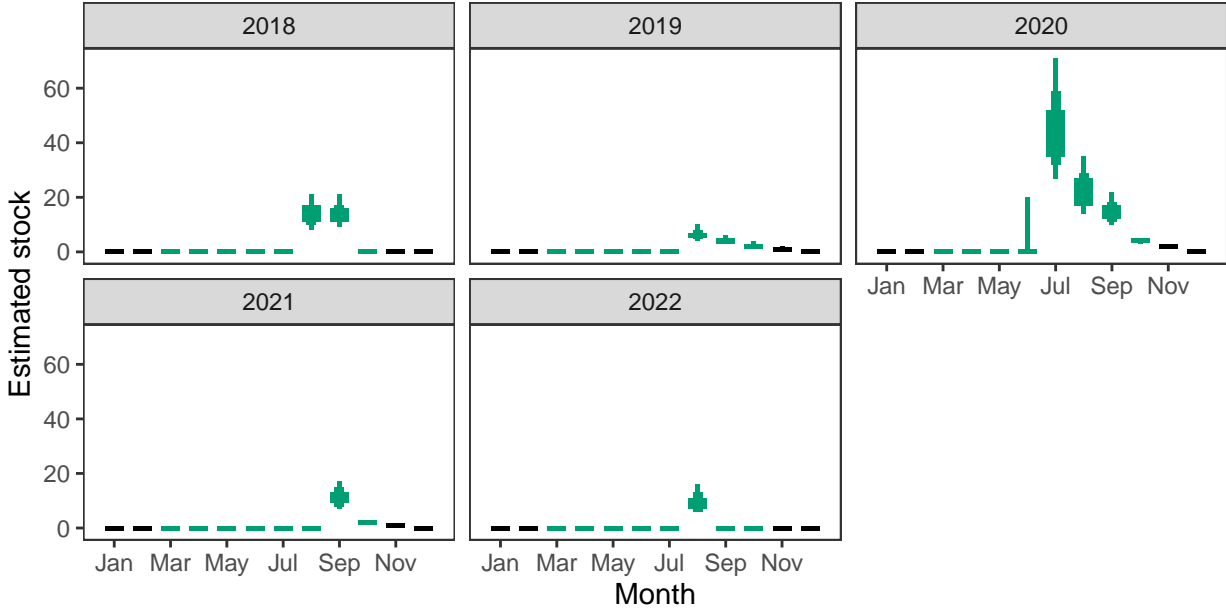
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

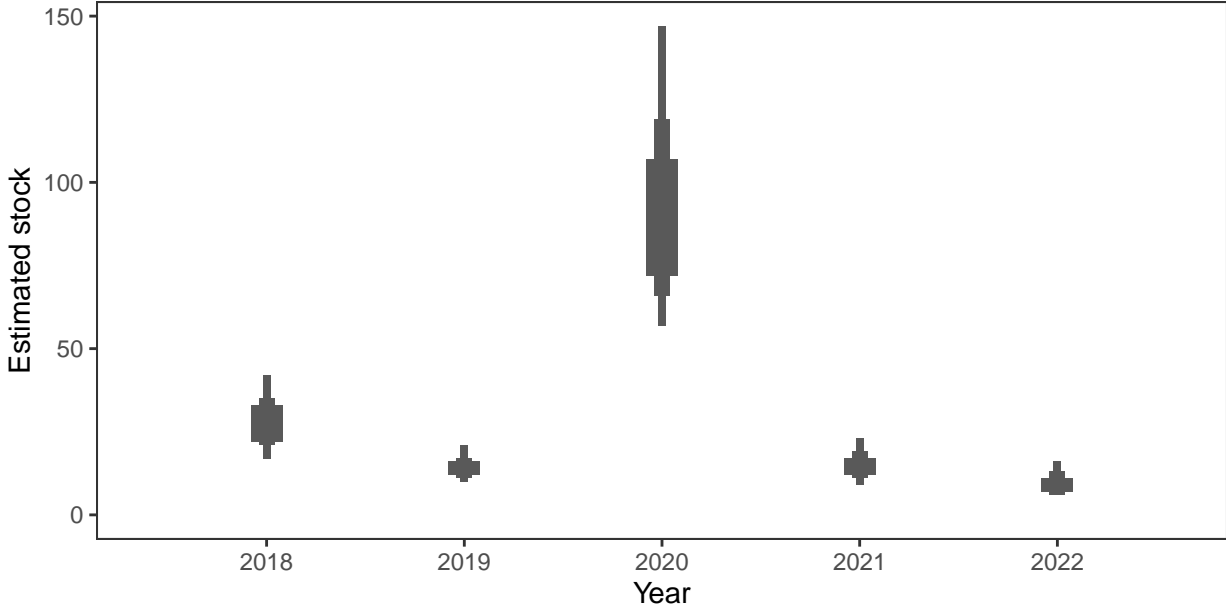


*Monthly stock estimates (out of season in black)*



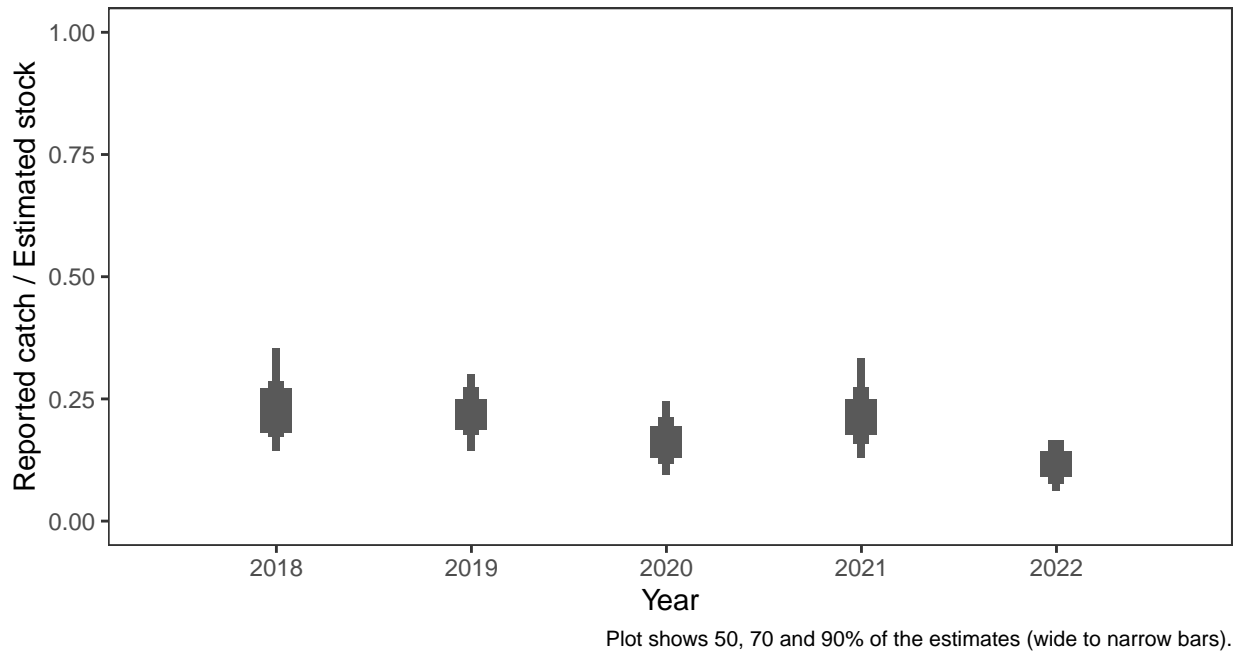
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



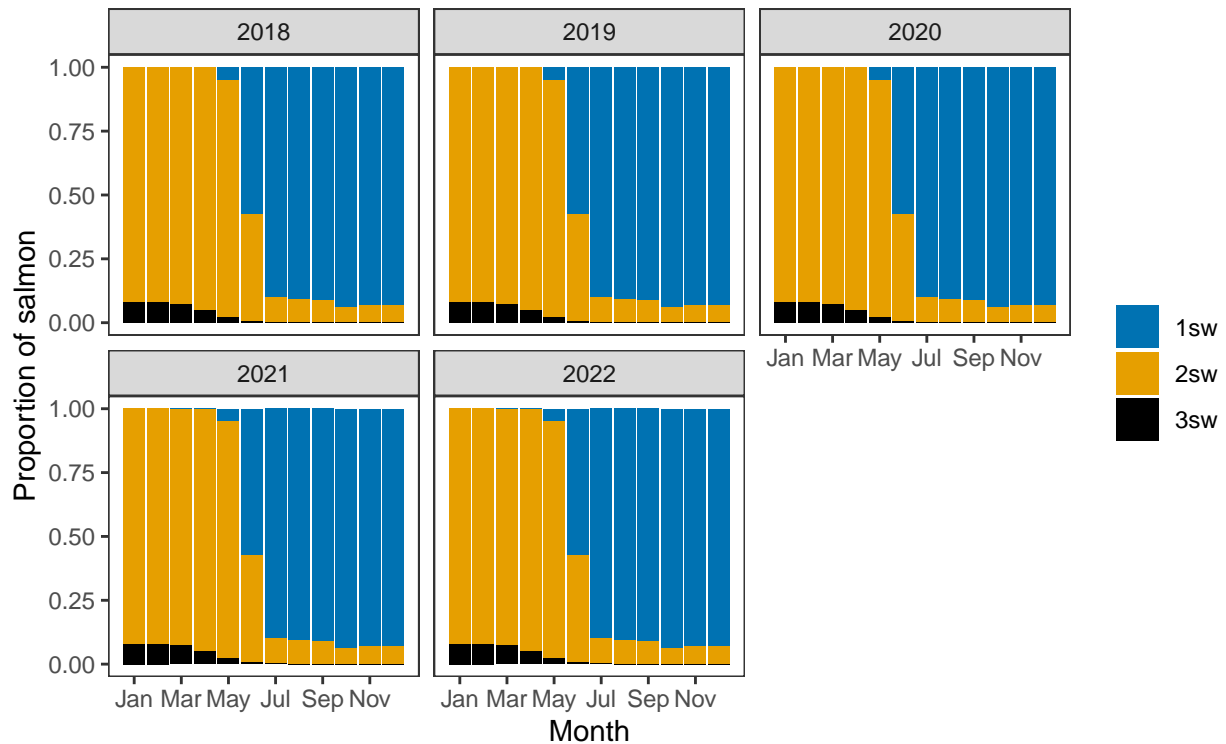
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual catch as a proportion of stock*

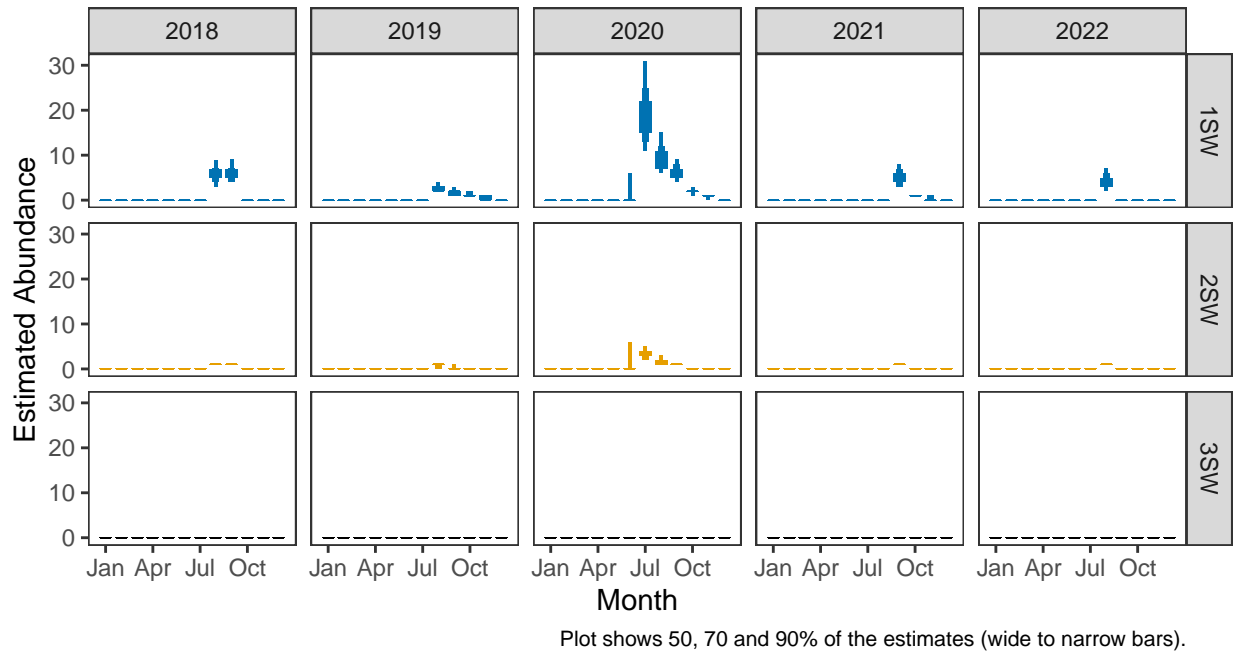


**2. Converting Numbers of Returning Salmon to Numbers of Spawning Females**

*Ages of fish*



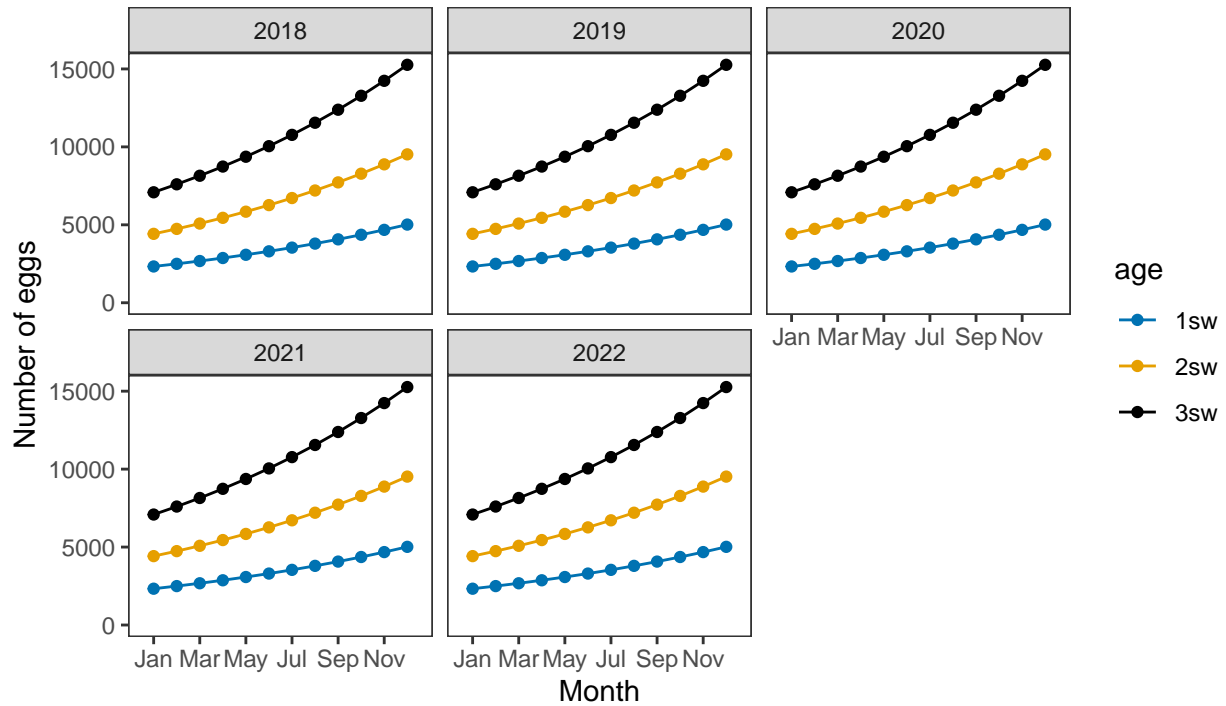
*Monthly number of spawning females*



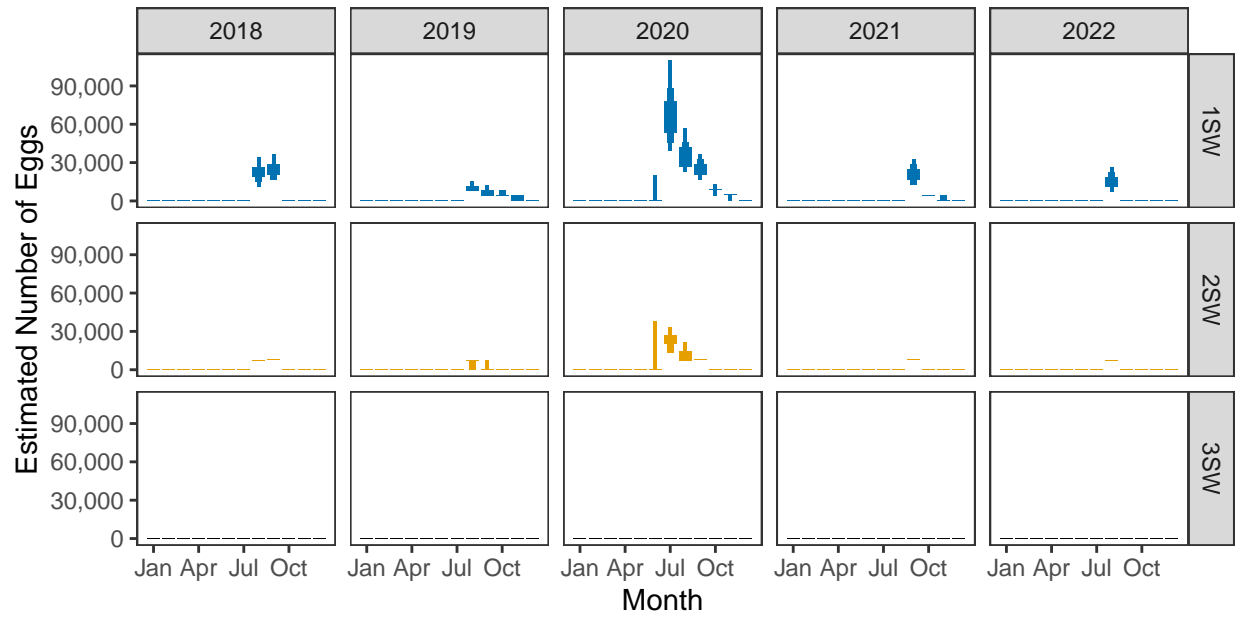
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

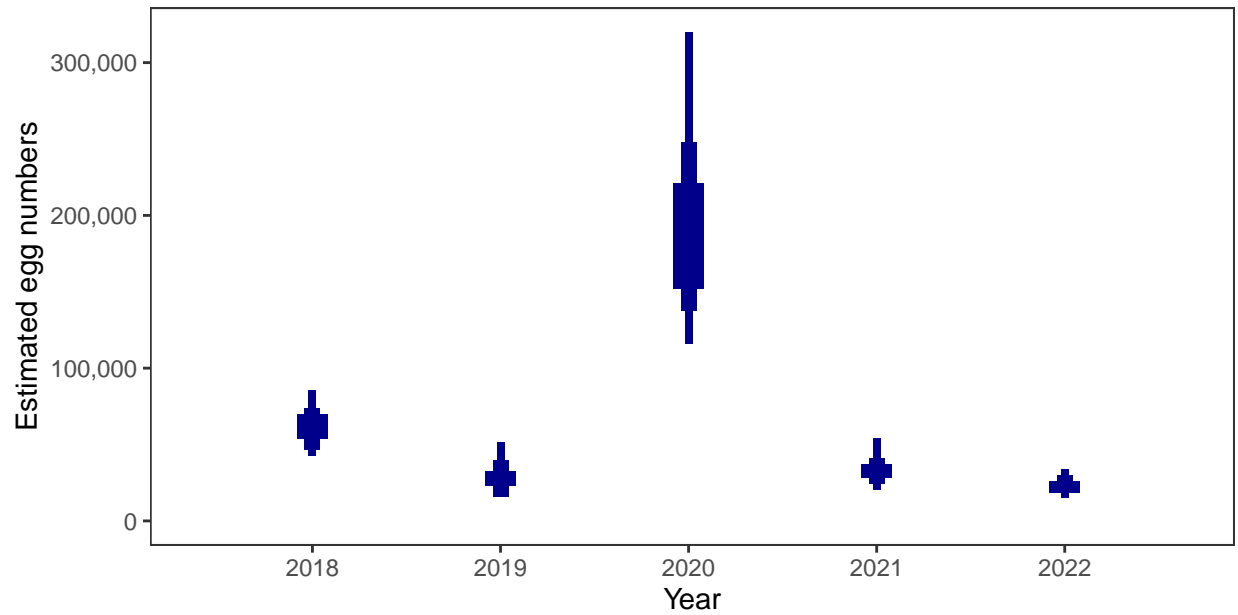


*Monthly number of eggs*



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).

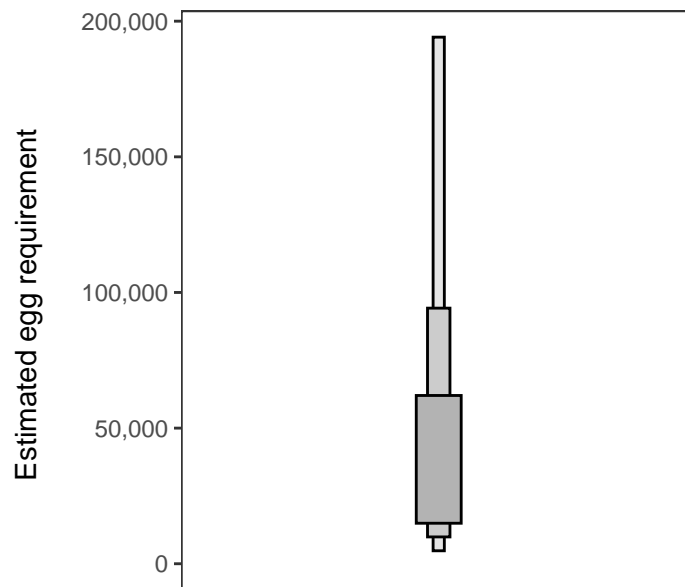
Year	Percentage above
2018	73.48
2019	46.93
2020	94.11
2021	53.05
2022	37.22

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

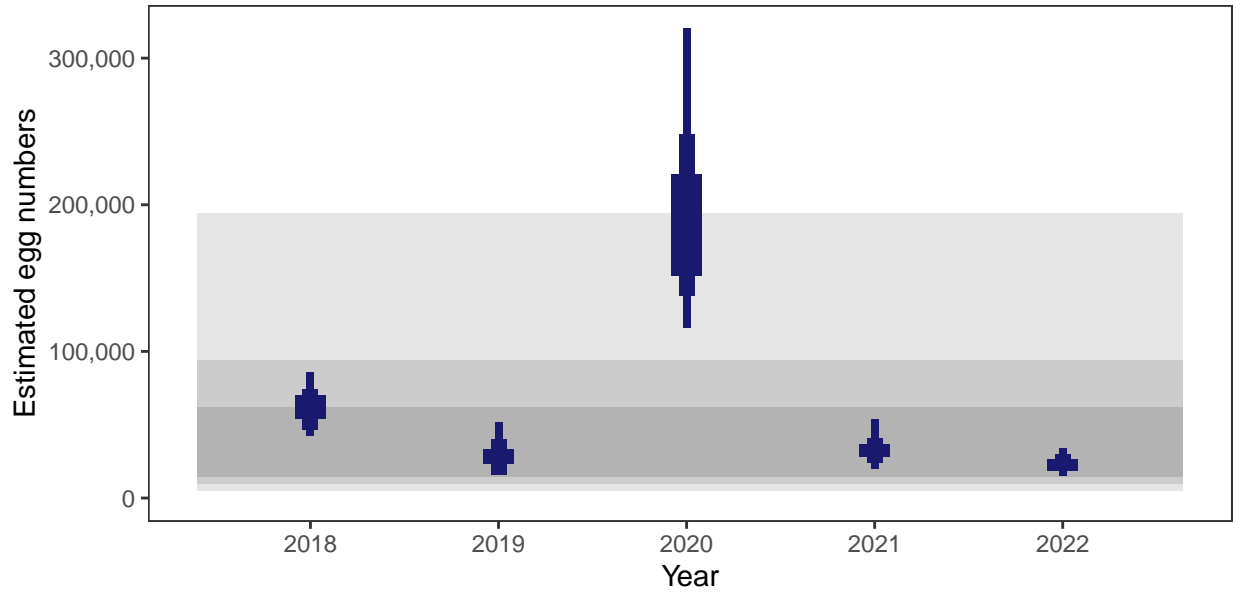
There is an estimated 20,805 square meters of known salmon habitat in the Lussa River (Jura) and a further 6,508 square meters where salmon may be present.

##### *Egg requirement*



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

5. Percentage chance that the egg requirement has been reached



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)



## Oisdale River: Grade 3



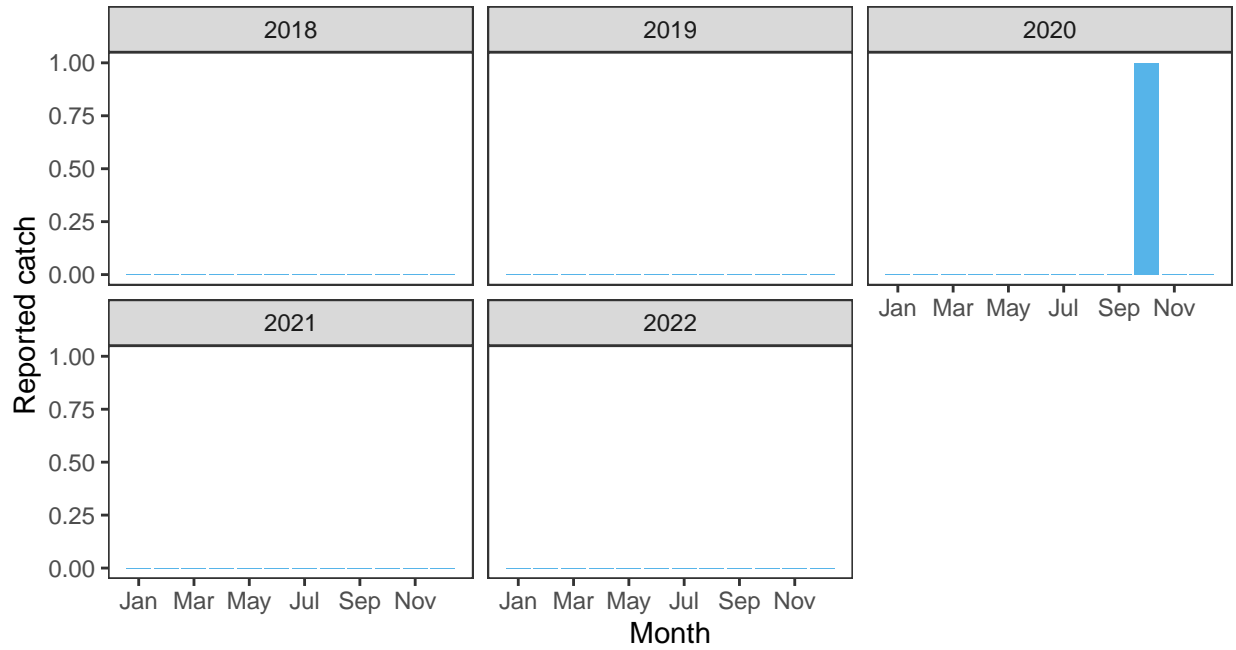
### *Summary Table*

Eggs required (m <sup>2</sup> ) <sup>a</sup>	Area (m <sup>2</sup> ) <sup>a</sup>	Total egg requirement <sup>a</sup>	Percentage chance meeting requirement					Overall	Grade
			2018	2019	2020	2021	2022		
1.42	13,000	17,000	0	0	19.21	0.67	0	0.03976	3

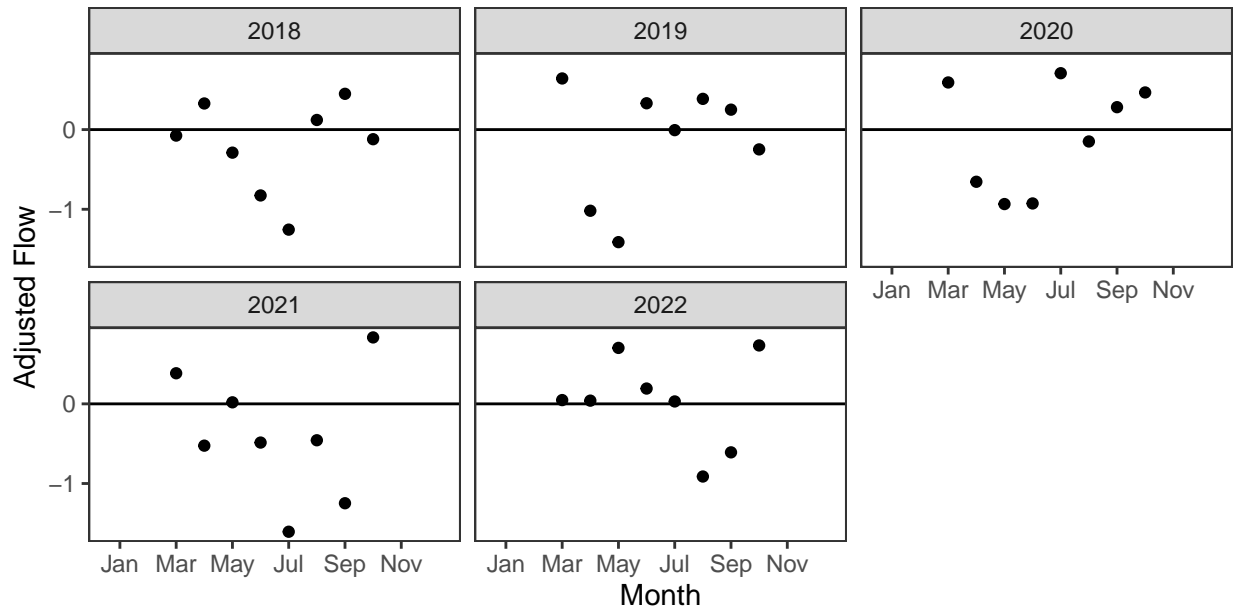
<sup>a</sup> Figures presented are median values

# 1. Converting Reported Catches to Numbers of Returning Salmon

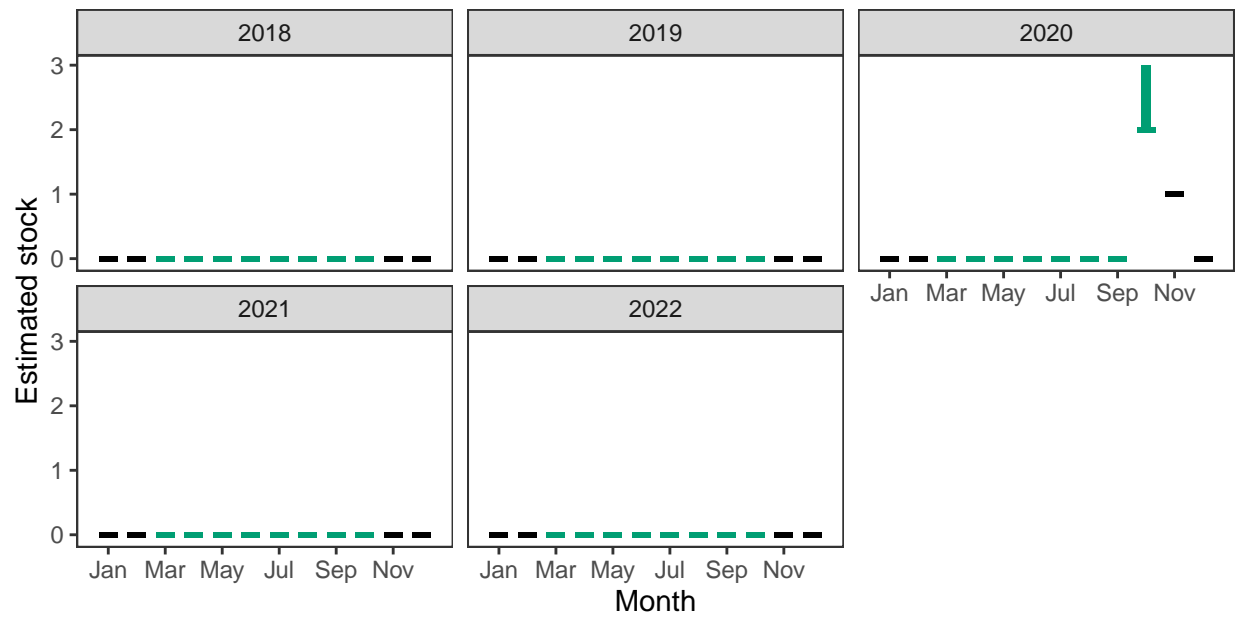
*Reported Catches (black = retained, blue = released)*



*Monthly flow data*

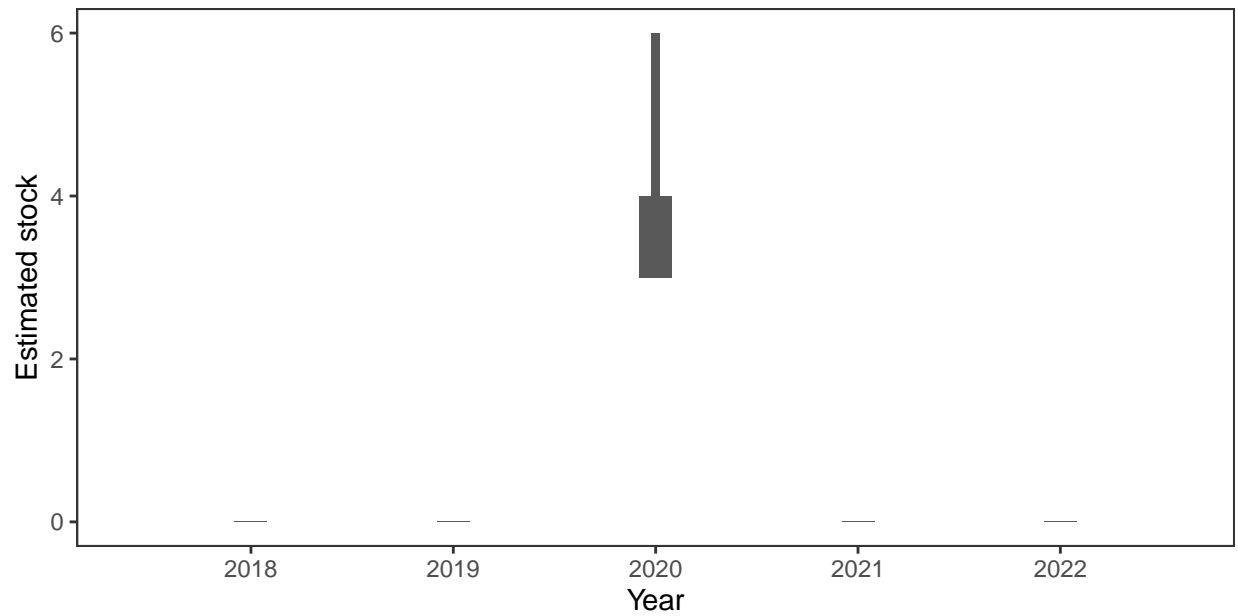


*Monthly stock estimates (out of season in black)*



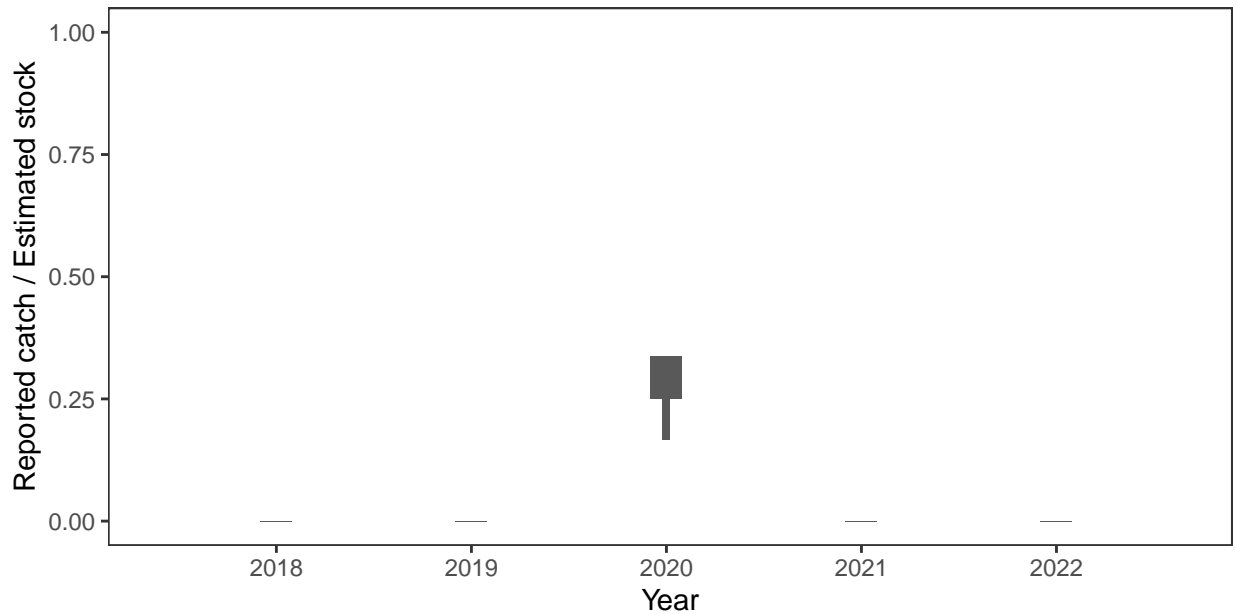
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

*Annual estimated stock*



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

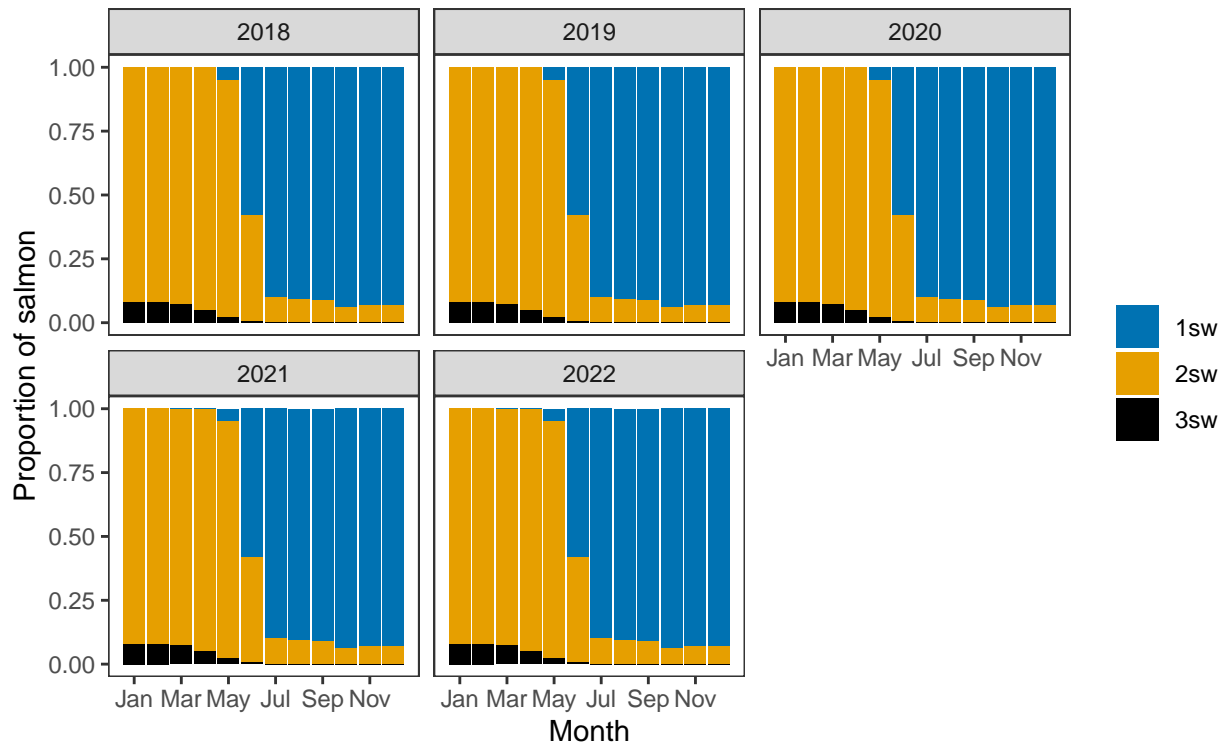
*Annual catch as a proportion of stock*



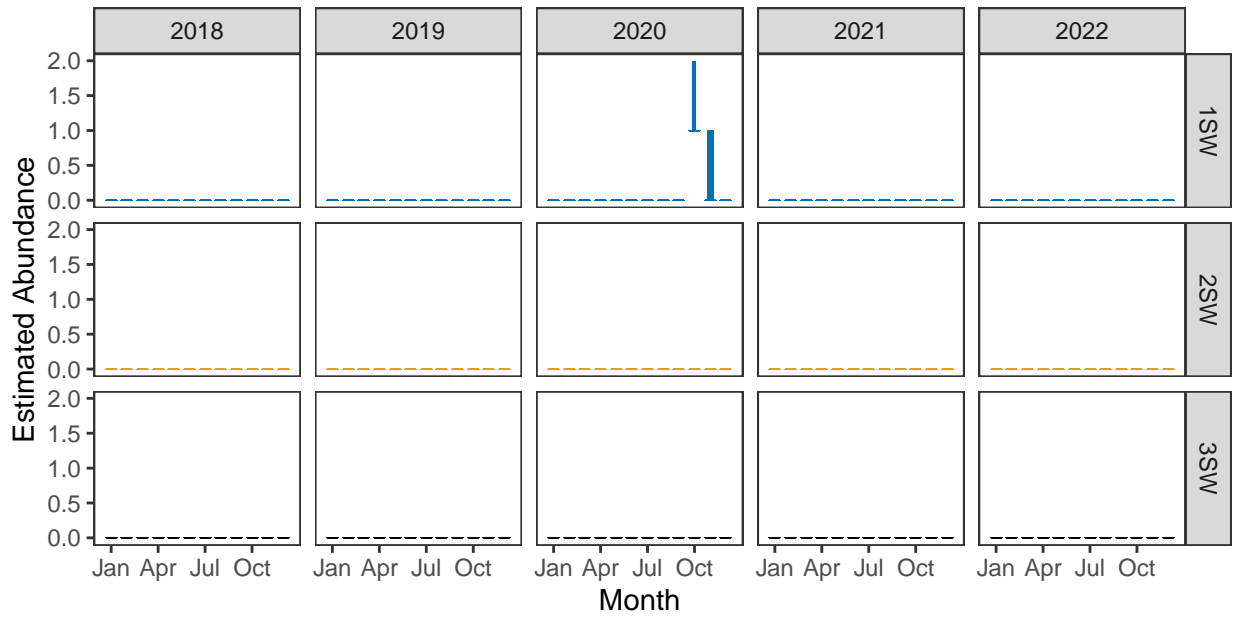
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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

*Ages of fish*



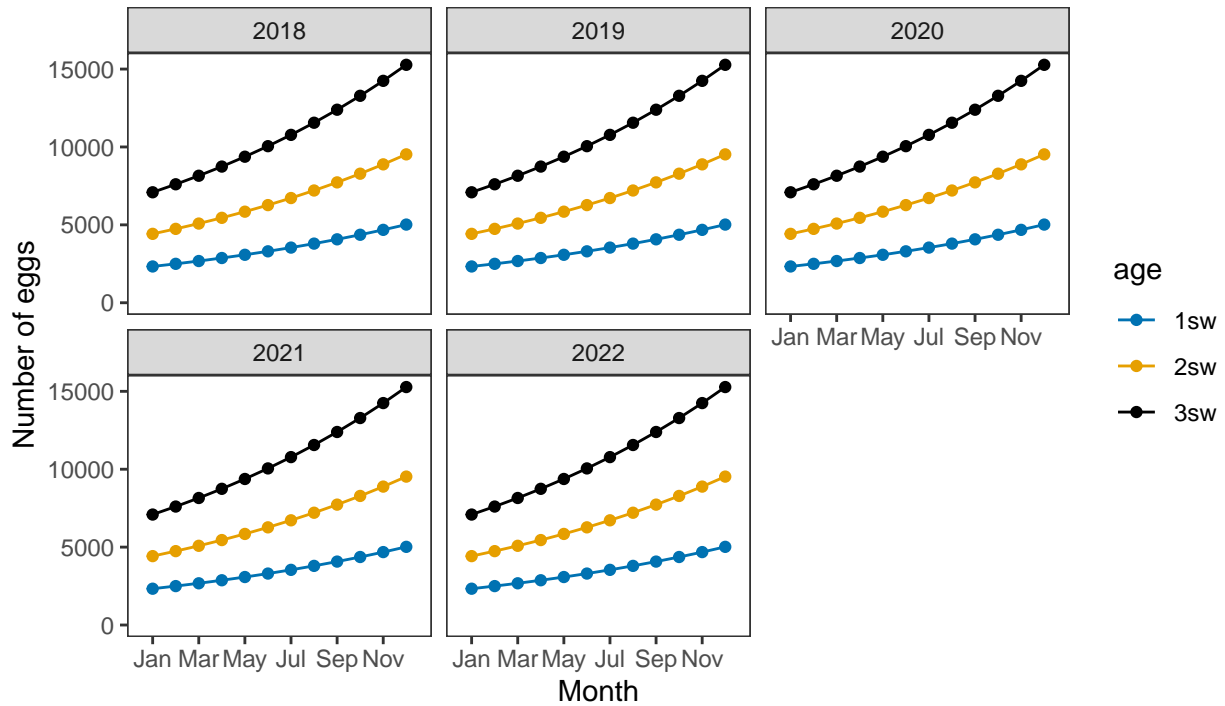
*Monthly number of spawning females*



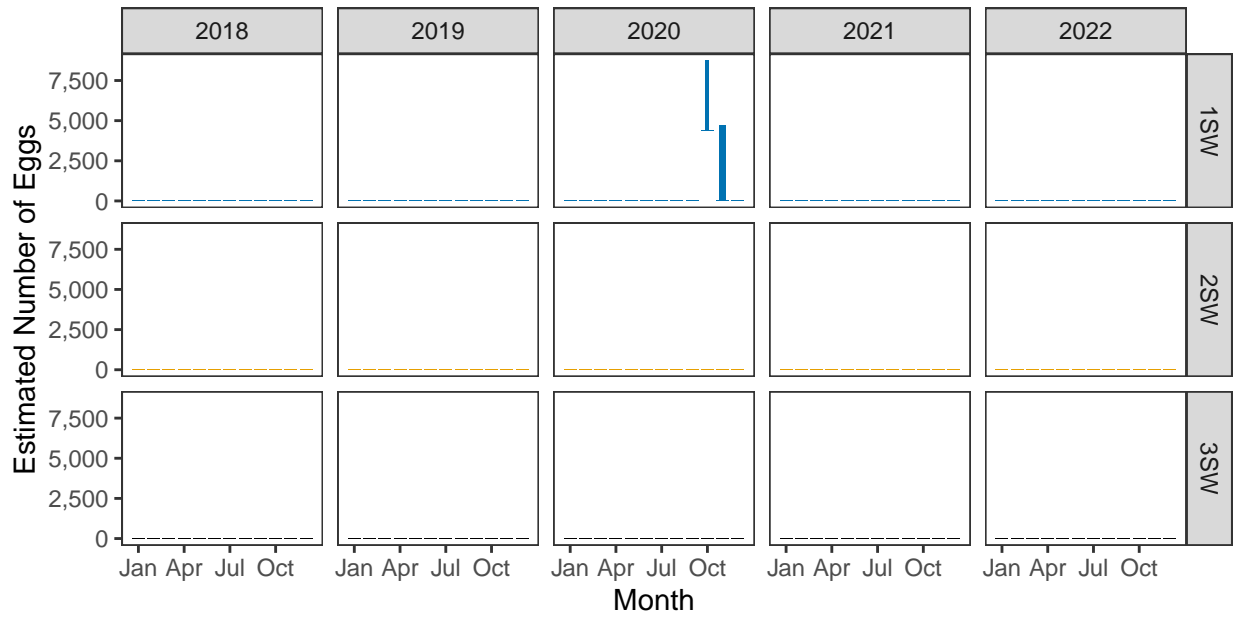
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

**3. Converting Number of Spawners to Number of Eggs**

*Egg contents of females*

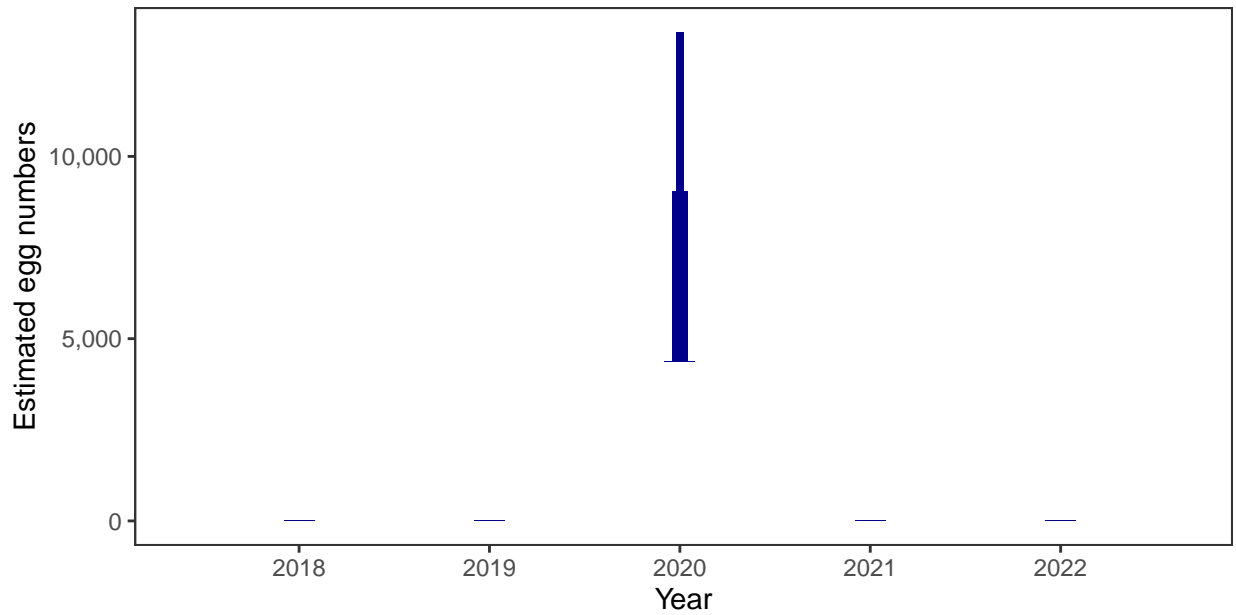


*Monthly number of eggs*



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).

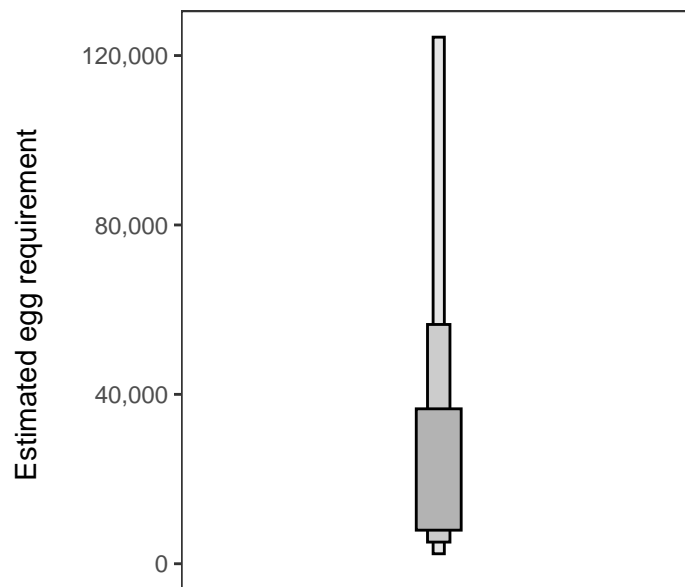
Year	Percentage above
2018	-
2019	-
2020	19.21
2021	0.67
2022	-

#### 4. Egg requirement

##### *Areas of salmon habitat in square meters*

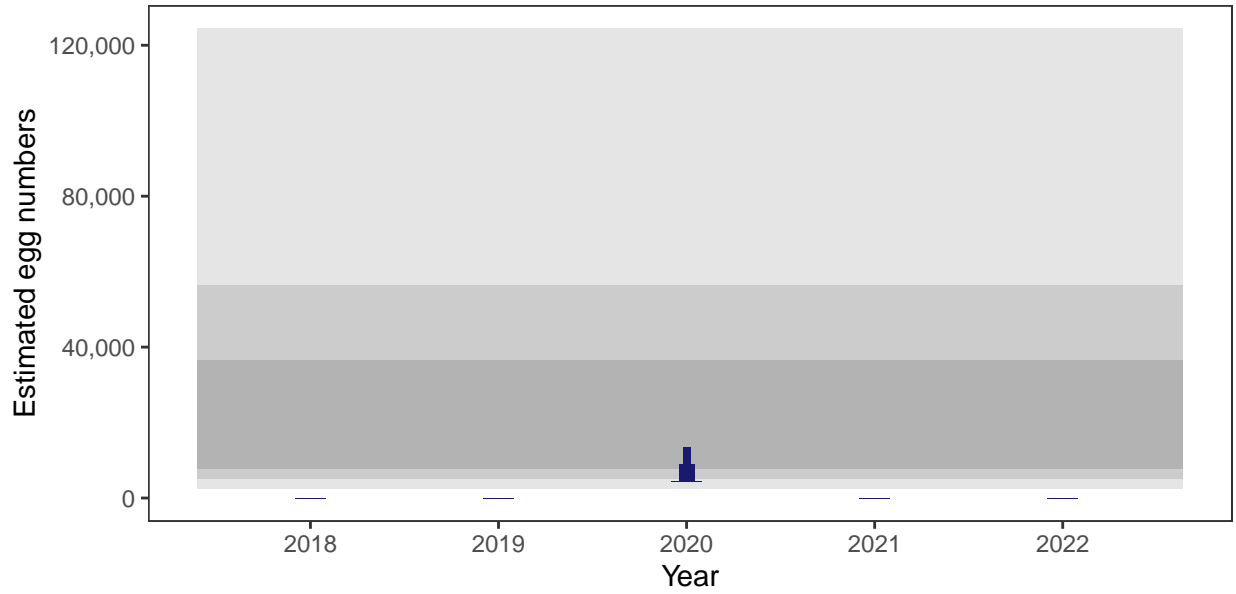
There is an estimated 5,936 square meters of known salmon habitat in the Oisdale River and a further 16,884 square meters where salmon may be present.

##### *Egg requirement*



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

5. Percentage chance that the egg requirement has been reached



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)