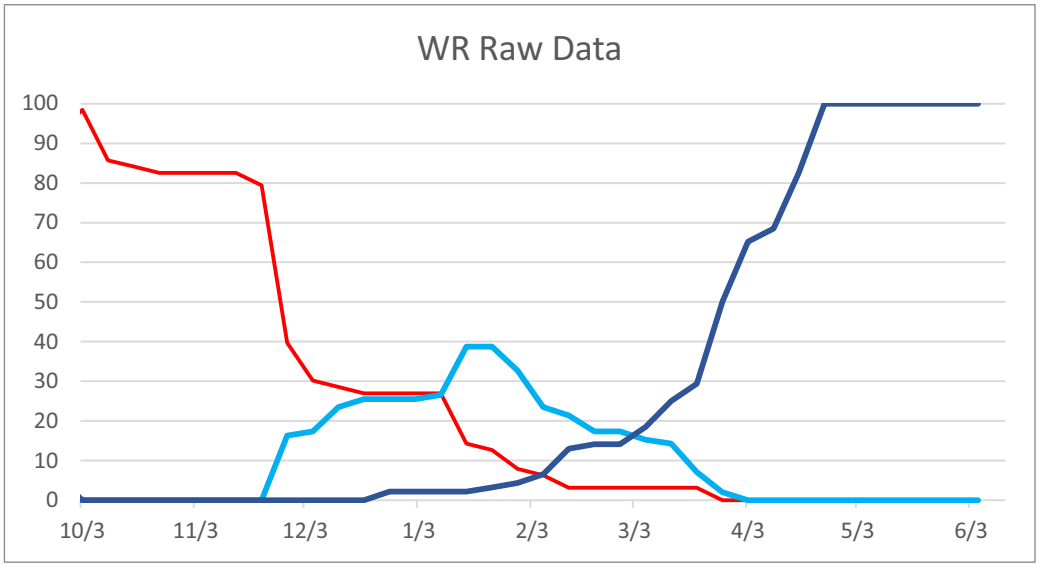
DOSS Annual Report WY 2018

Weekly fish distribution

Winter-run

Knight's Landing (Winter-Run)					Combined Beach Se	
Date of DOSS Notes	Winter-Run Raw Data	Winter-Run Percent	Cumulative Percent	100% minus cumulative raw data	Date of DOSS Notes	Winter-Run Raw Data
10/3	1	1.59	1.59	98.41	10/3	0
10/10	8	12.70	14.29	85.71	10/10	0
10/17	1	1.59	15.87	84.13	10/17	0
10/24	1	1.59	17.46	82.54	10/24	0
10/31	0	0.00	17.46	82.54	10/31	0
11/7	0	0.00	17.46	82.54	11/7	0
11/14	0	0.00	17.46	82.54	11/14	0
11/21	2	3.17	20.63	79.37	11/21	0
11/28	25	39.68	60.32	39.68	11/28	16
12/5	6	9.52	69.84	30.16	12/5	1
12/12	1	1.59	71.43	28.57	12/12	6
12/19	1	1.59	73.02	26.98	12/19	2
12/26	0	0.00	73.02	26.98	12/26	0
1/2	0	0.00	73.02	26.98	1/2	0
1/9	0	0.00	73.02	26.98	1/9	1
1/16	8	12.70	85.71	14.29	1/16	12
1/23	1	1.59	87.30	12.70	1/23	22
1/30	3	4.76	92.06	7.94	1/30	6
2/6	1	1.59	93.65	6.35	2/6	9
2/13	2	3.17	96.83	3.17	2/13	2
2/20	0	0.00	96.83	3.17	2/20	4
2/27	0	0.00	96.83	3.17	2/27	0
3/6	0	0.00	96.83	3.17	3/6	2
3/13	0	0.00	96.83	3.17	3/13	1
3/20	0	0.00	96.83	3.17	3/20	7
3/27	2	3.17	100.00	0.00	3/27	5
4/3	0	0.00	100.00	0.00	4/3	2
4/10	0	0.00	100.00	0.00	4/10	0
4/17	0	0.00	100.00	0.00	4/17	0
4/24	0	0.00	100.00	0.00	4/24	0
5/1	0	0.00	100.00	0.00	5/1	0
5/8	0	0.00	100.00	0.00	5/8	0
5/15	0	0.00	100.00	0.00	5/15	0
5/22	0	0.00	100.00	0.00	5/22	0

5/29	0	0.00	100.00	0.00	5/29	0
6/5	0	0.00	100.00	0.00	6/5	0
6/12	0	0.00	100.00	0.00	6/12	0
	63					98

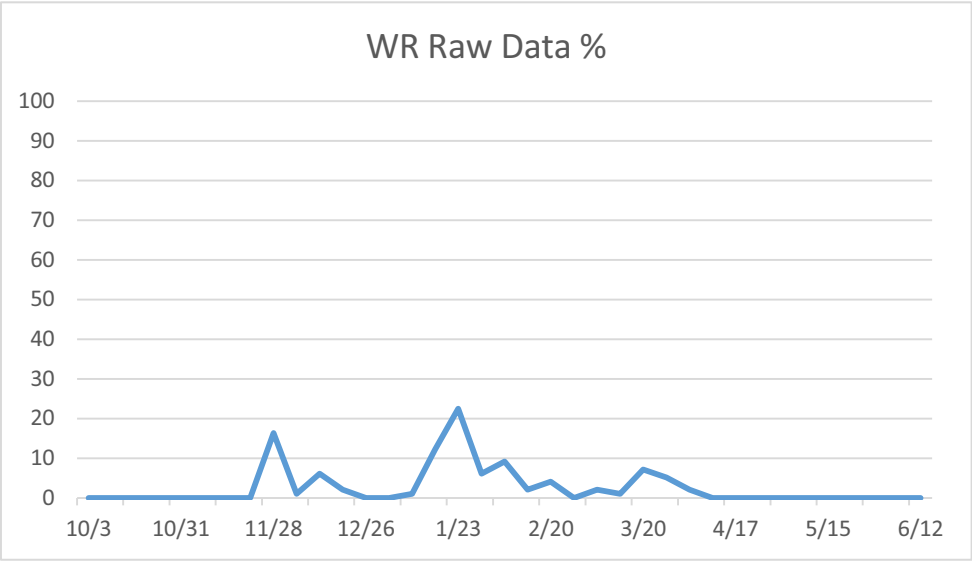


*High Values Only = replace the high catch values with an average of 2 weeks before and 2 weeks after

**Release Range = during the timeframe that hatchery fish were released which may influence catch n

ine and Sacramento Trawl (Winter-Run)				Chipps Isla	
Winter-Run Percent	Winter-Run Cumulative Percent	**Raw Data Cumulative % (after 50%, 100% minus Cum %)**	**Combined Beach Seine and Sac Trawl minus Chipps Island (% raw data)**	**Date of DOSS Notes**	**Winter-Run Raw Data**
0.00	0.00	0.00	0.00	10/3	0
0.00	0.00	0.00	0.00	10/10	0
0.00	0.00	0.00	0.00	10/17	0
0.00	0.00	0.00	0.00	10/24	0
0.00	0.00	0.00	0.00	10/31	0
0.00	0.00	0.00	0.00	11/7	0
0.00	0.00	0.00	0.00	11/14	0
0.00	0.00	0.00	0.00	11/21	0
16.33	16.33	16.33	16.33	11/28	0
1.02	17.35	17.35	1.02	12/5	0
6.12	23.47	23.47	6.12	12/12	0
2.04	25.51	25.51	2.04	12/19	0
0.00	25.51	25.51	-2.17	12/26	2
0.00	25.51	25.51	0.00	1/2	0
1.02	26.53	26.53	1.02	1/9	0
12.24	38.78	38.78	12.24	1/16	0
22.45	61.22	38.78	21.36	1/23	1
6.12	67.35	32.65	5.04	1/30	1
9.18	76.53	23.47	7.01	2/6	2
2.04	78.57	21.43	-4.48	2/13	6
4.08	82.65	17.35	2.99	2/20	1
0.00	82.65	17.35	0.00	2/27	0
2.04	84.69	15.31	-2.31	3/6	4
1.02	85.71	14.29	-5.50	3/13	6
7.14	92.86	7.14	2.80	3/20	4
5.10	97.96	2.04	-15.55	3/27	19
2.04	100.00	0.00	-13.18	4/3	14
0.00	100.00	0.00	-3.26	4/10	3
0.00	100.00	0.00	-14.13	4/17	13
0.00	100.00	0.00	-17.39	4/24	16
0.00	100.00	0.00	0.00	5/1	0
0.00	100.00	0.00	0.00	5/8	0
0.00	100.00	0.00	0.00	5/15	0
0.00	100.00	0.00	0.00	5/22	0

0.00	100.00	0.00	0.00	5/29	0
0.00	100.00	0.00	0.00	6/5	0
0.00	100.00	0.00	0.00	6/12	0
					92

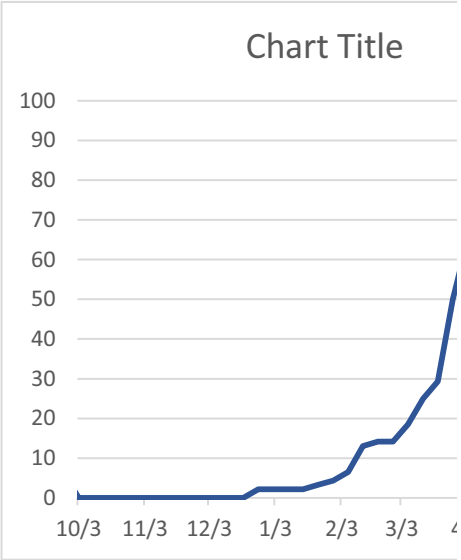


· those data.

umbers of wild fish. Use an average of 2 weeks before and 2 weeks after the release range.

nd Trawl (Winter-Run)

Winter-Run Percent	Cumulative Percent	**Cumulative raw data**
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
2.17	2.17	2.00
0.00	2.17	2.00
0.00	2.17	2.00
0.00	2.17	2.00
1.09	3.26	3.00
1.09	4.35	4.00
2.17	6.52	6.00
6.52	13.04	12.00
1.09	14.13	13.00
0.00	14.13	13.00
4.35	18.48	17.00
6.52	25.00	23.00
4.35	29.35	27.00
20.65	50.00	46.00
15.22	65.22	60.00
3.26	68.48	63.00
14.13	82.61	76.00
17.39	100.00	92.00
0.00	100.00	92.00
0.00	100.00	92.00
0.00	100.00	92.00
0.00	100.00	92.00



0.00	100.00	92.00
0.00	100.00	92.00
0.00	100.00	92.00

4/3
5/3
6/3

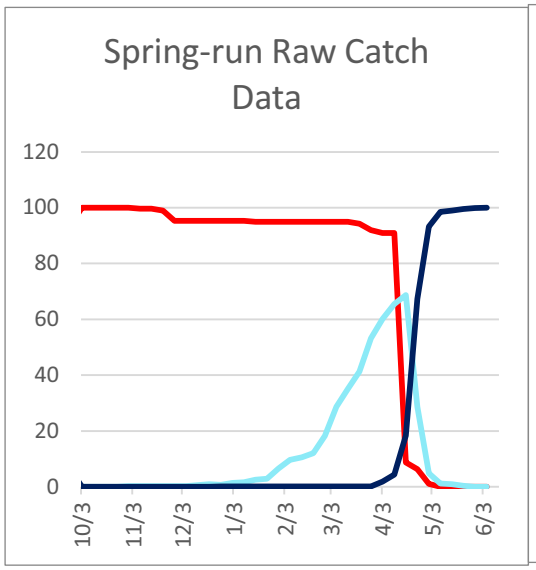
DOSS Annual Report WY 2017

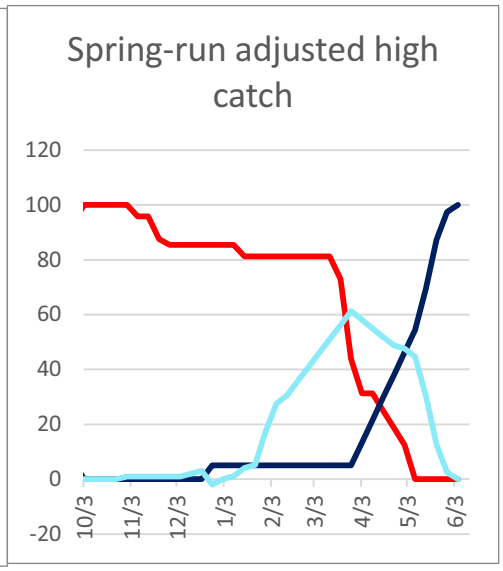
Weekly fish distribution

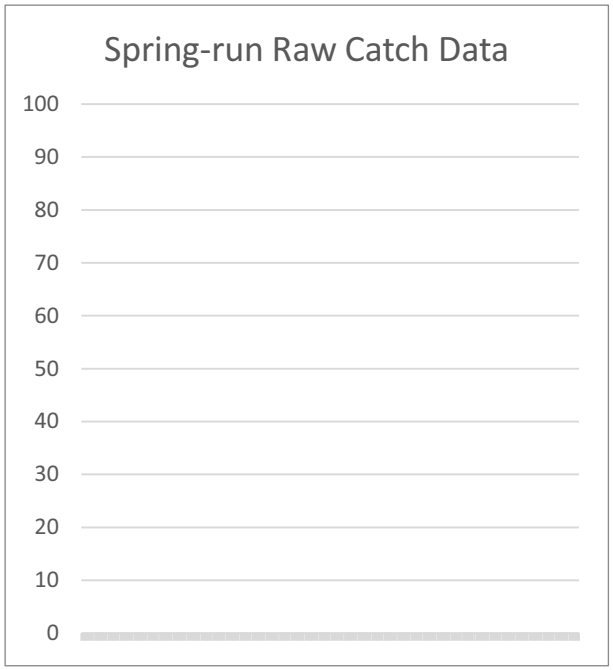
Spring-run

Knight's Landing (Spring-Run)					
Date of DOSS Notes	Spring-Run Raw Data	Spring-Run Adjusted high values*	Spring-Run Adjusted release range**	100% minus cumulative raw data	100% minus Cumulative (adjusted high values)
10/3	0	0	0	100	100
10/10	0	0	0	100	100
10/17	0	0	0	100	100
10/24	0	0	0	100	100
10/31	0	0	0	100	100
11/7	1	1	1	100	96
11/14	0	0	0	100	96
11/21	2	2	2	99	88
11/28	11	0.5	11	95	85
12/5	0	0	0	95	85
12/12	0	0	0	95	85
12/19	0	0	0	95	85
12/26	0	0	0	95	85
1/2	0	0	0	95	85
1/9	0	0	0	95	85
1/16	1	1	1	95	81
1/23	0	0	0	95	81
1/30	0	0	0	95	81
2/6	0	0	0	95	81
2/13	0	0	0	95	81
2/20	0	0	0	95	81
2/27	0	0	0	95	81
3/6	0	0	0	95	81
3/13	0	0	0	95	81
3/20	2	2	2	94	73
3/27	7	7	7	92	44
4/3	3	3	3	91	31
4/10	0	0	0	91	31
4/17	245	1.5	0.75	9	25
4/24	7	1.5	0.75	6	19
5/1	16	1.5	0.75	1	13
5/8	3	3	0.75	0	0
5/15	0	0	0.75	0	0
5/22	0	0	0	0	0

5/29	0	0	0	0	0
6/5	0	0	0	0	0
6/12	0	0	0	0	0
	298	24	30.75		





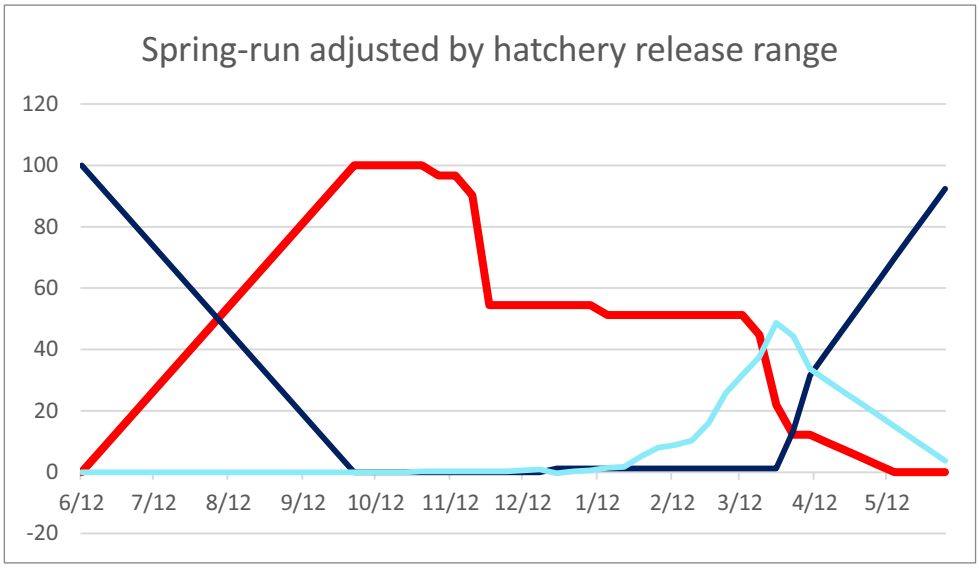


*High Values Only = replace the high catch values with an average of 2 weeks before and 2 weeks after those

**Release Range = during the timeframe that hatchery fish were released which may influence catch numbe

	Combined Beach Seine and Sacramento Trawl (Spri				
100% minus Cumulative (adjusted release range)	Date of DOSS Notes	Spring-Run Raw Data	Spring-Run (adjusted high values only)*	Spring-Run (adjusted release range)**	Combined Beach Seine and Sac Trawl % minus Chipps Island (raw data) %
100	10/3	0	0	0	0
100	10/10	0	0	0	0
100	10/17	0	0	0	0
100	10/24	0	0	0	0
100	10/31	1	1	1	0
97	11/7	0	0	0	0
97	11/14	0	0	0	0
90	11/21	0	0	0	0
54	11/28	0	0	0	0
54	12/5	0	0	0	0
54	12/12	1	1	1	1
54	12/19	1	1	1	1
54	12/26	0	0	0	1
54	1/2	2	2	2	1
54	1/9	1	1	1	2
51	1/16	3	3	3	3
51	1/23	1	1	1	3
51	1/30	12	12	12	7
51	2/6	10	10	10	10
51	2/13	3	3	3	11
51	2/20	5	5	5	12
51	2/27	20	5	20	18
51	3/6	34	5	34	29
51	3/13	21	5	21	35
45	3/20	20	5	20	41
22	3/27	39	5	39	53
12	4/3	28	5	28	60
12	4/10	26	5	26	66
10	4/17	56	5	13.5	69
7	4/24	29	5	13.5	29
5	5/1	7	7	13.5	5
2	5/8	5	5	13.5	1
0	5/15	1	1	13.5	1
0	5/22	0	0	13.5	0

0	5/29	0	0	13.5	0
0	6/5	0	0	13.5	0
0	6/12	0	0	13.5	0
		326	98	349.5	



e data.

rs of wild fish. Use an average of 2 weeks before and 2 weeks after the release range.

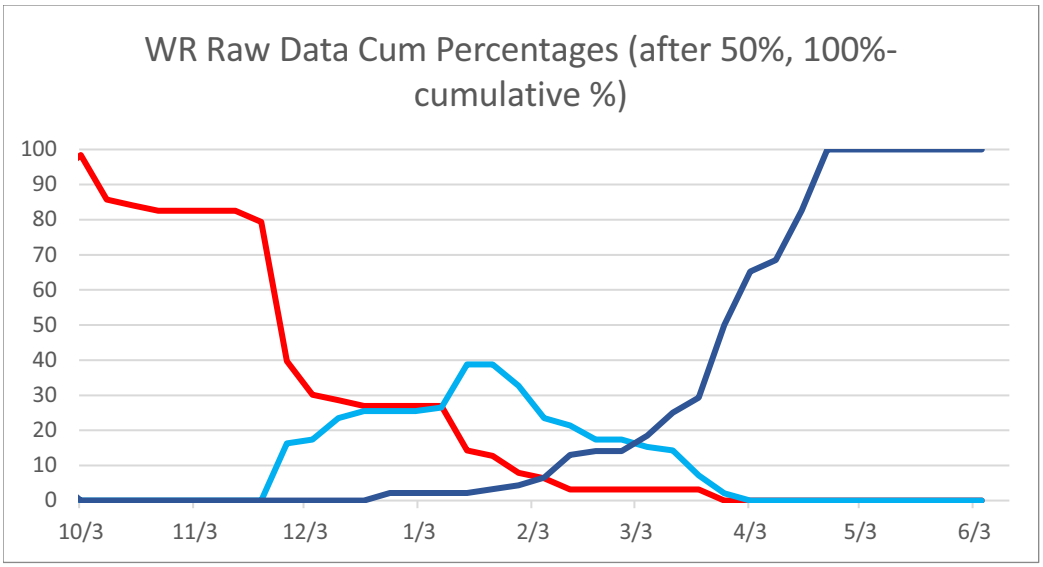
ing-Run)		Chipps Island Trawl (		
Combined Beach Seine and Sac Trawl minus Chipps Island (adjusted high value)	Combined Beach Seine and Sac Trawl minus Chipps Island (adjusted release range)	Date of DOSS Notes	Spring-Run Raw Data	Spring-Run (adjusted high values)*
0	0	10/3	0	0
0	0	10/10	0	0
0	0	10/17	0	0
0	0	10/24	0	0
1	0	10/31	0	0
1	0	11/7	0	0
1	0	11/14	0	0
1	0	11/21	0	0
1	0	11/28	0	0
1	0	12/5	0	0
2	1	12/12	0	0
3	1	12/19	0	0
-2	0	12/26	2	2
0	0	1/2	0	0
1	1	1/9	0	0
4	1	1/16	0	0
5	2	1/23	0	0
17	5	1/30	0	0
28	8	2/6	0	0
31	9	2/13	0	0
36	10	2/20	0	0
41	16	2/27	0	0
46	26	3/6	0	0
51	32	3/13	0	0
56	37	3/20	0	0
61	49	3/27	0	0
58	44	4/3	21	3.25
55	34	4/10	31	3.25
52	30	4/17	171	3.25
49	26	4/24	597	3.25
48	22	5/1	317	3.25
45	19	5/8	64	3.25
30	15	5/15	6	6
13	11	5/22	7	7

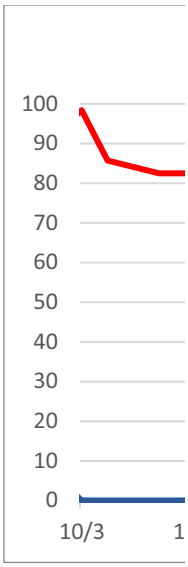
3	7	5/29	4	4
0	4	6/5	1	1
0	0	6/12	0	0
			1221	39.5

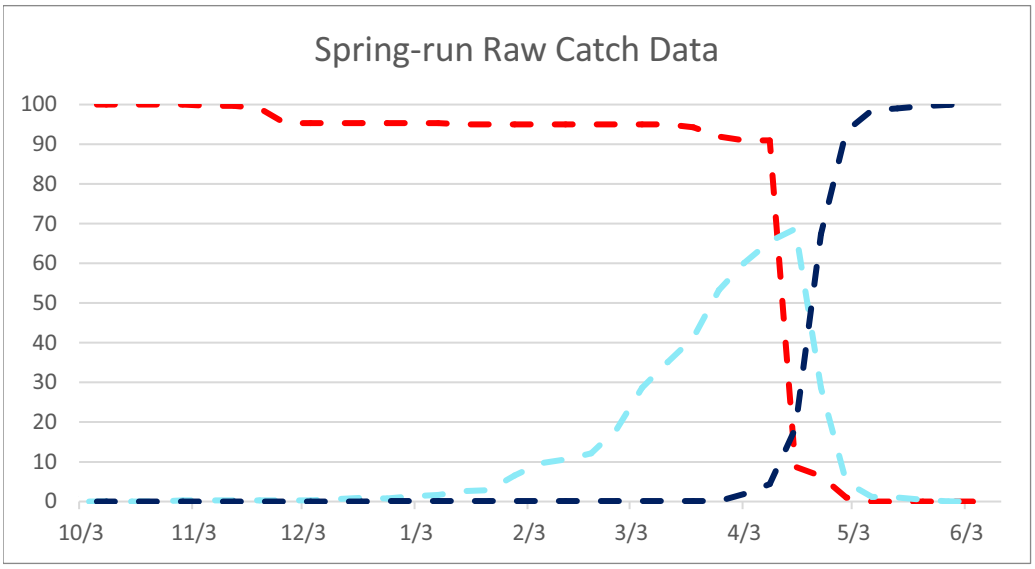
Spring-Run)

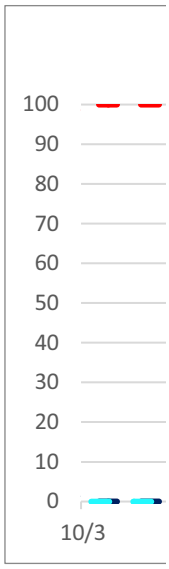
Spring-Run (adjusted release range)**	Cumulative % raw data	Cumulative Spring-Run (adjusted high values)	Cumulative Spring-Run (adjusted release range)
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
2	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0	5	1
0	0.16	5	1
0	0.16	5	1
0	0.16	5	1
0	0.16	5	1
0	0.16	5	1
21	1.88	13	13
31	4.42	22	32
13	18.43	30	39
13	67.32	38	47
13	93.28	46	54
13	98.53	54	62
13	99.02	70	70
13	99.59	87	77

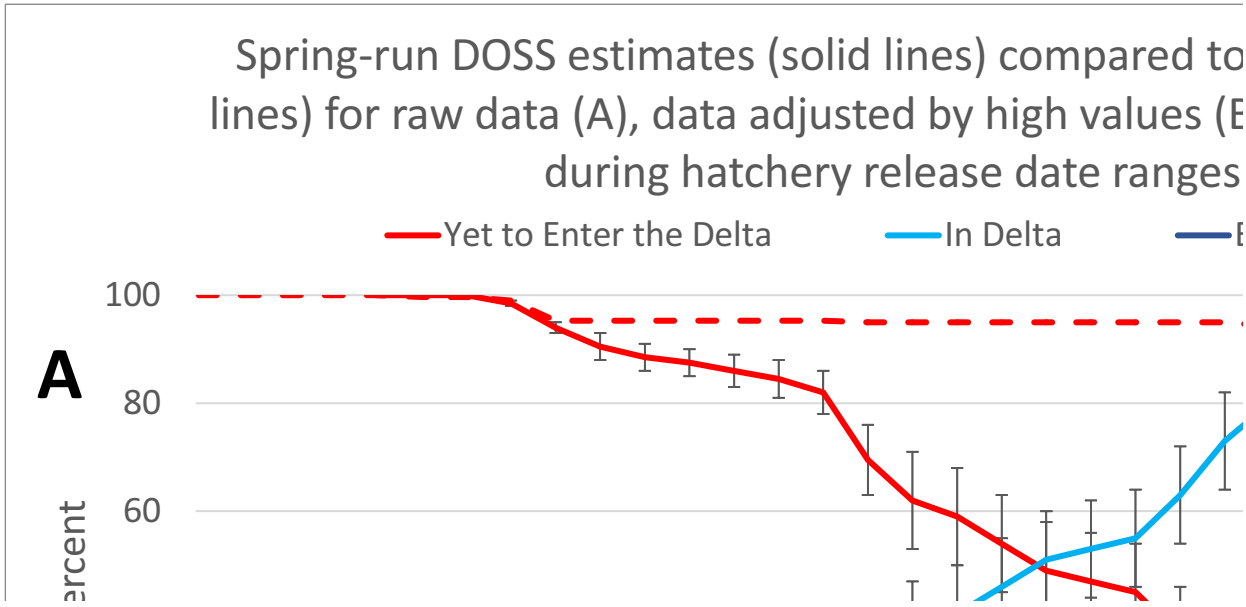
13	99.92	97	85
13	100.00	100	92
13	100.00	100	100
171			

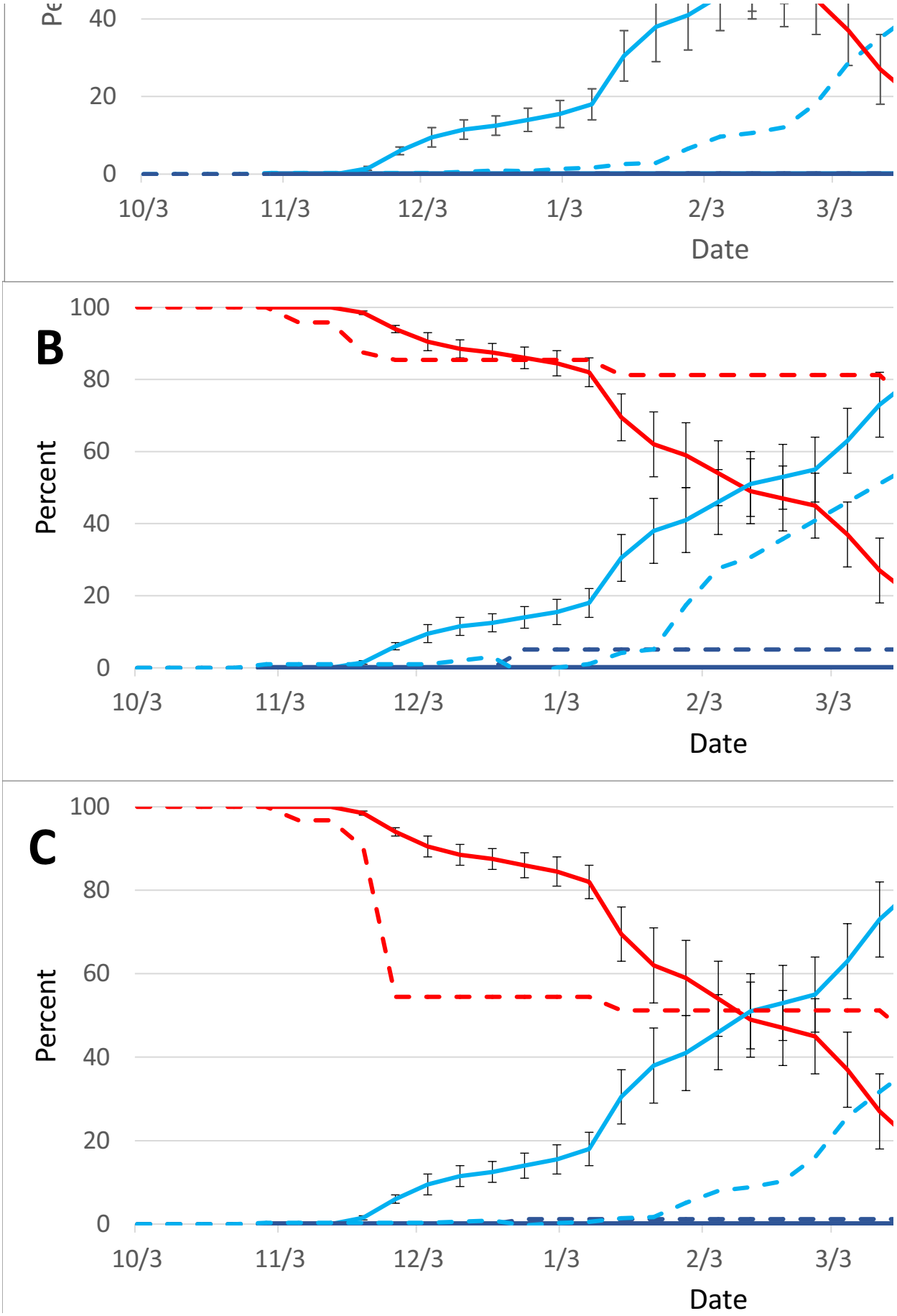

WR Raw Data Cum Percentages (after 50%, 100%-cumulative %)
100
90
80
70
60
50
40
30
20
10
0
10/3
11/3
12/3
1/3
2/3
3/3
4/3
5/3
6/3

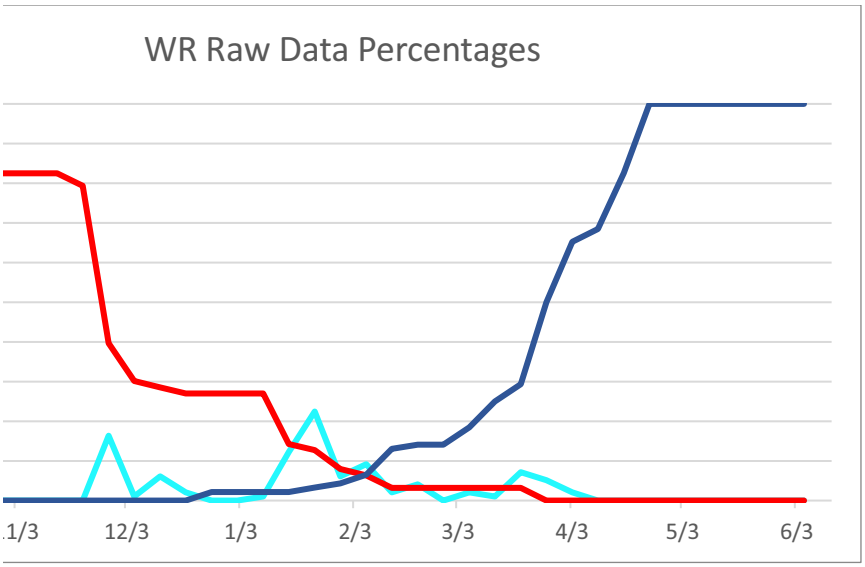

100
90
80
70
60
50
40
30
20
10
0
10/3

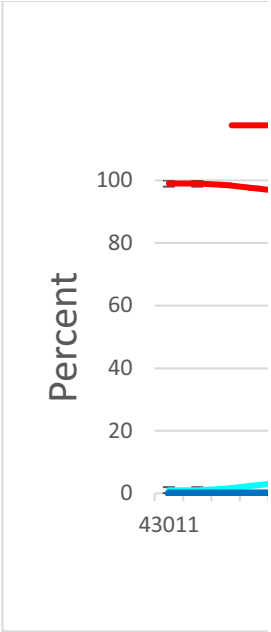

Spring-run Raw Catch Data
100
90
80
70
60
50
40
30
20
10
0
10/3
11/3
12/3
1/3
2/3
3/3
4/3
5/3
6/3

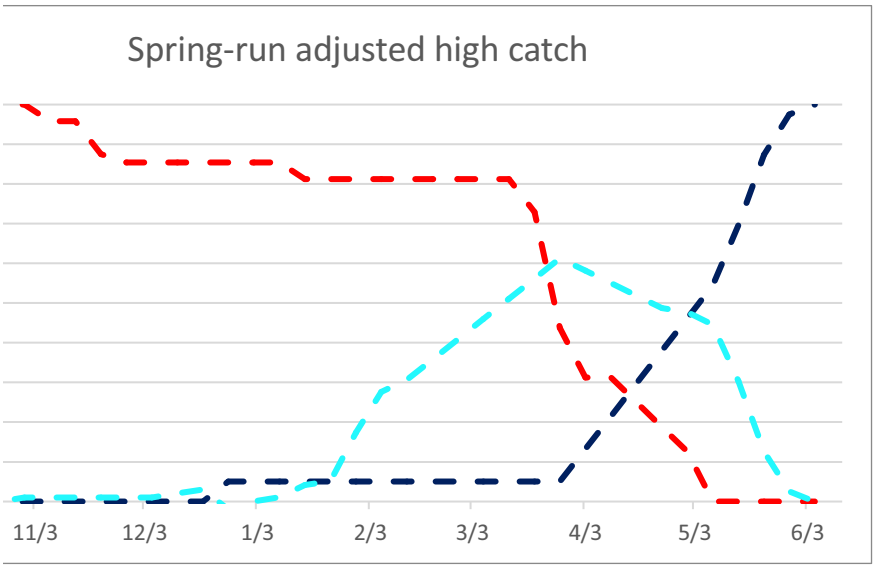

100
90
80
70
60
50
40
30
20
10
0
10/3

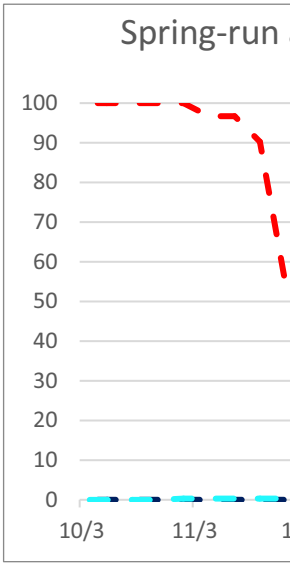

Spring-run DOSS estimates (solid lines) compared to
lines) for raw data (A), data adjusted by high values (E
during hatchery release date ranges
Yet to Enter the Delta
In Delta
A
100
80
60

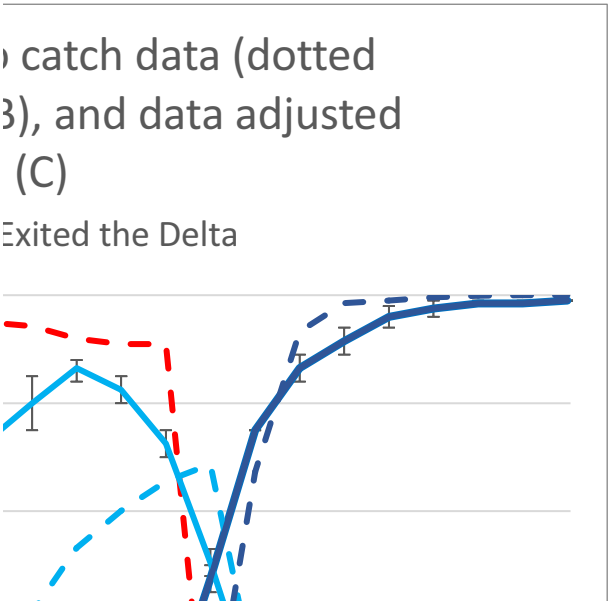

Pe
40
20
0
10/3
11/3
12/3
1/3
2/3
3/3
Date
B
100
80
60
40
20
0
Percent
10/3
11/3
12/3
1/3
2/3
3/3
Date
C
100
80
60
40
20
0
Percent
10/3
11/3
12/3
1/3
2/3
3/3
Date

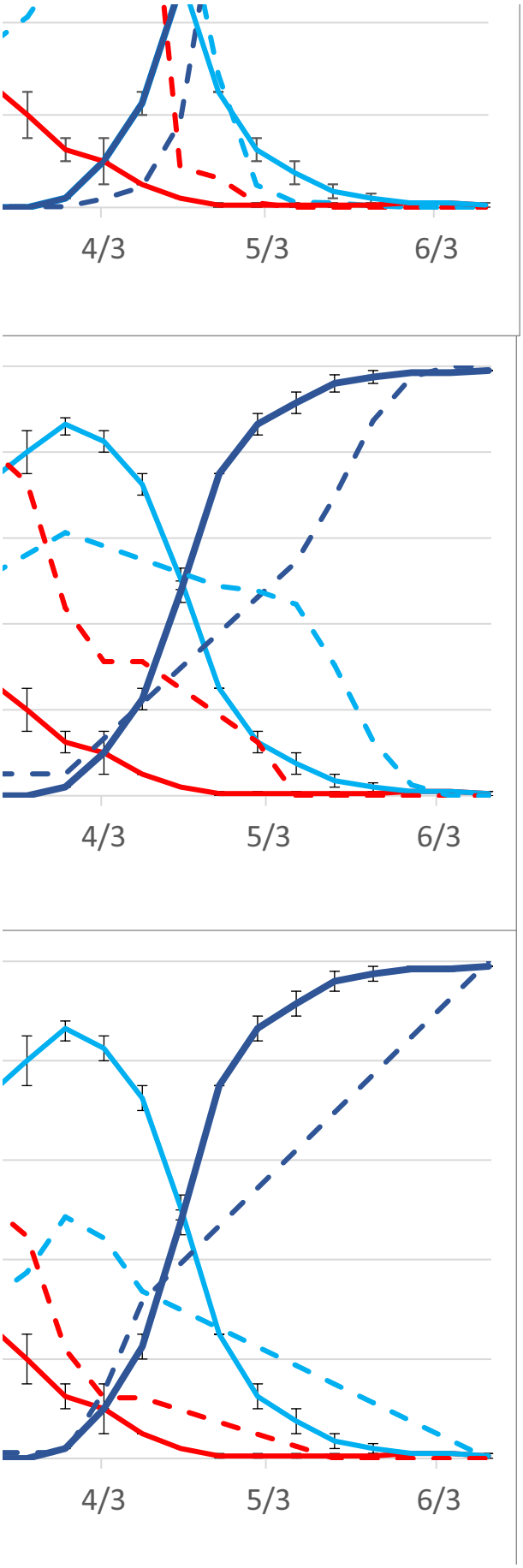

WR Raw Data Percentages
1/3
12/3
1/3
2/3
3/3
4/3
5/3
6/3

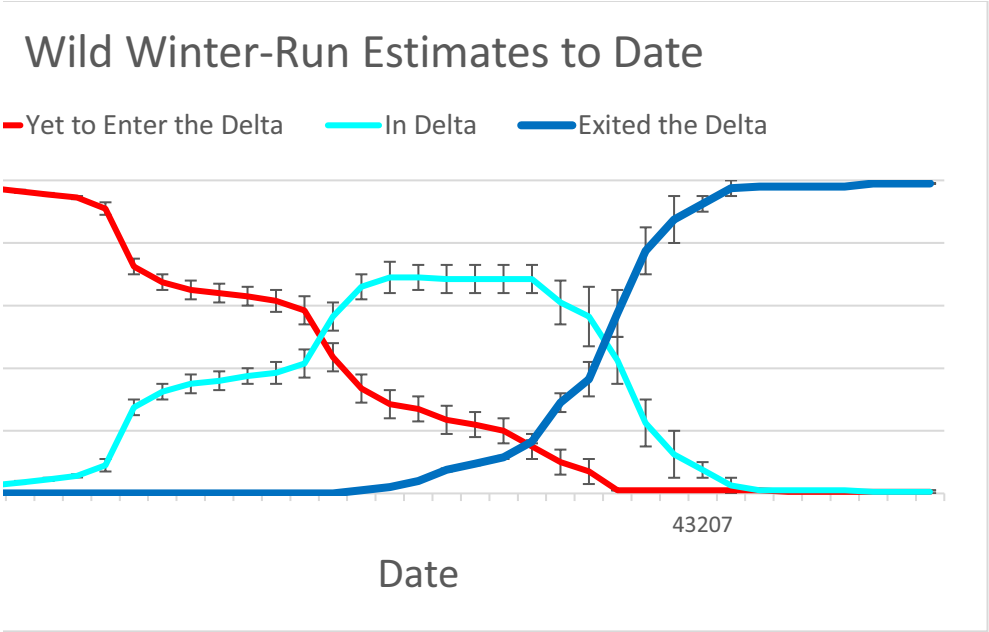

Percent
100
80
60
40
20
0
43011

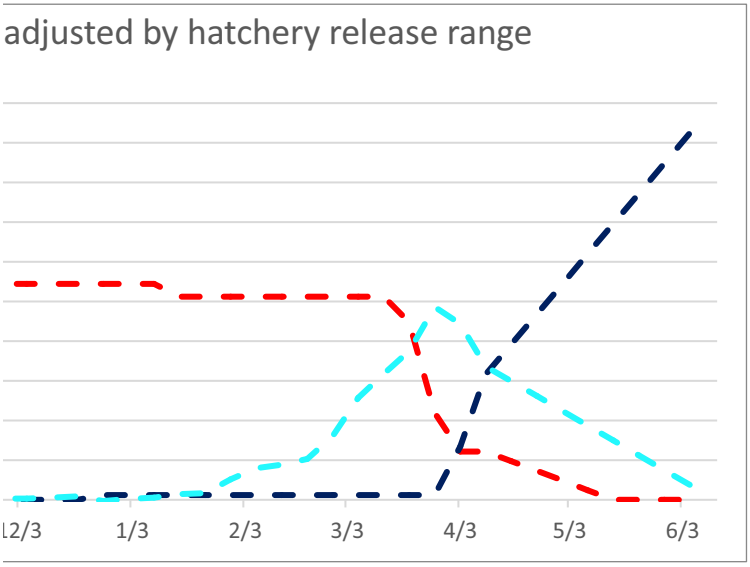

Spring-run adjusted high catch
11/3
12/3
1/3
2/3
3/3
4/3
5/3
6/3

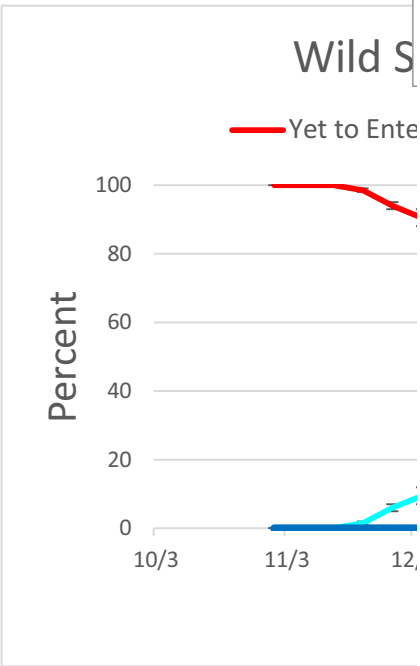

Spring-run
100
90
80
70
60
50
40
30
20
10
0
10/3
11/3

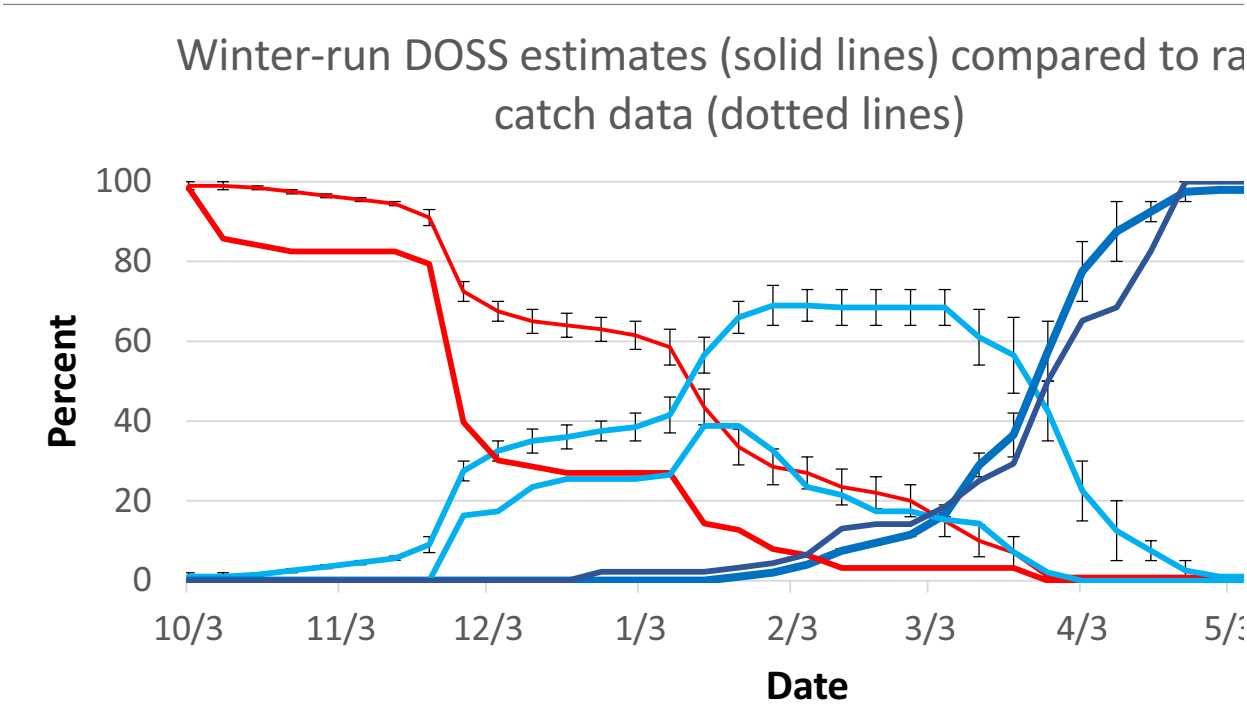

catch data (dotted
3), and data adjusted
(C)
Exited the Delta

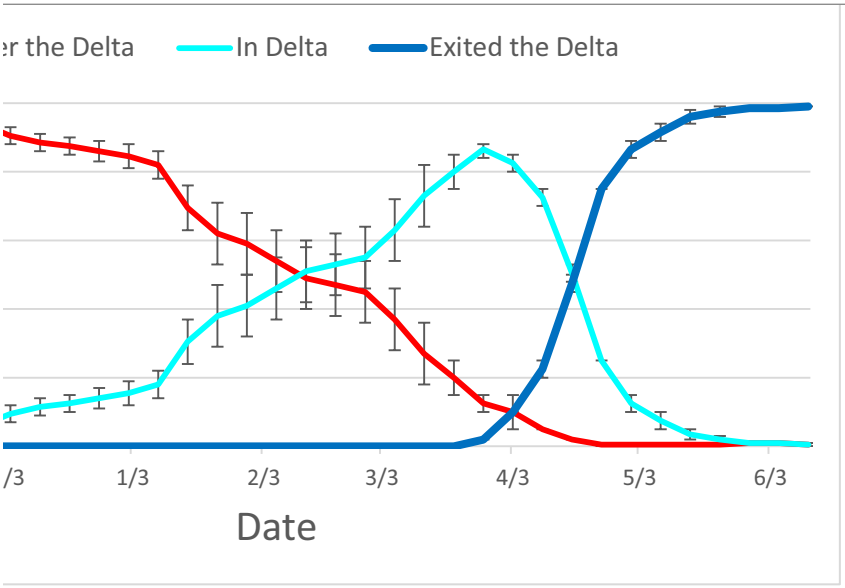

4/3
5/3
6/3
4/3
5/3
6/3
4/3
5/3
6/3


Wild Winter-Run Estimates to Date
Yet to Enter the Delta
In Delta
Exited the Delta
43207
Date


adjusted by hatchery release range
12/3
1/3
2/3
3/3
4/3
5/3
6/3


Wild S
Yet to Ente
Percent
100
80
60
40
20
0
10/3
11/3
12/


Winter-run DOSS estimates (solid lines) compared to ra
catch data (dotted lines)
Percent
100
80
60
40
20
0
10/3
11/3
12/3
1/3
2/3
3/3
4/3
5/3
Date


er the Delta
In Delta
Exited the Delta
/3
1/3
2/3
3/3
4/3
5/3
6/3
Date

IW
3
6/3