

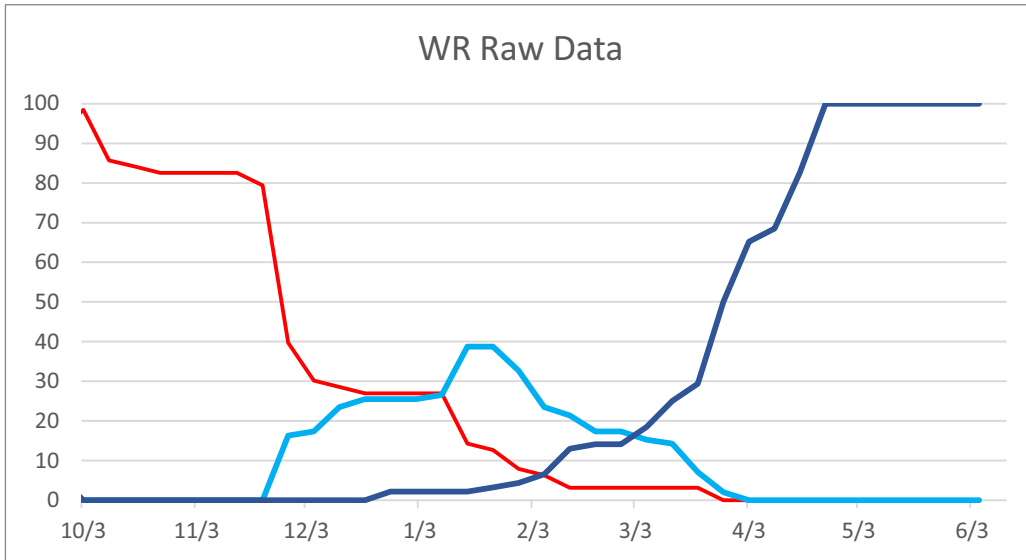
# DOSS Annual Report WY 2018

## 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

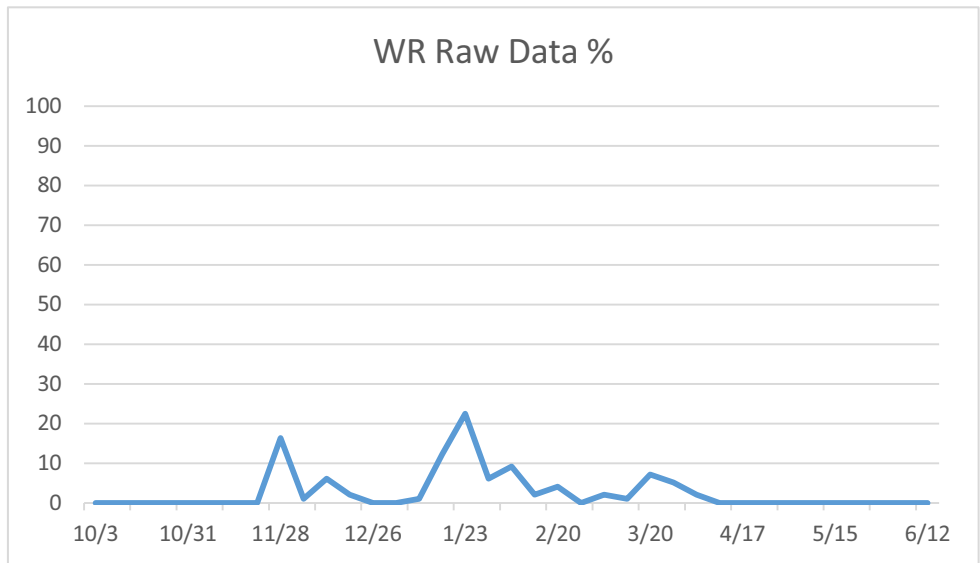


\*High Values Only = replace the high catch values with an average of 2 weeks before and 2 weeks after

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

Line and Sacramento Trawl (Winter-Run)					Chippis Island	
Winter-Run Percent	Winter-Run Cumulative Percent	Raw Data Cumulative % (after 50%, 100% minus Cum %)	Combined Beach Seine and Sac Trawl minus Chippis 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

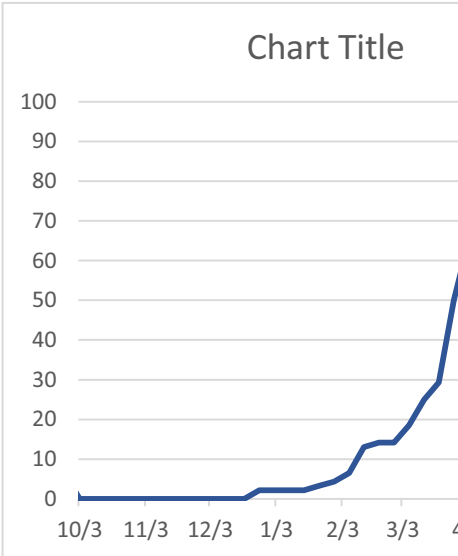


those data.

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

### End 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
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

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# DOSS Annual Report WY 2017

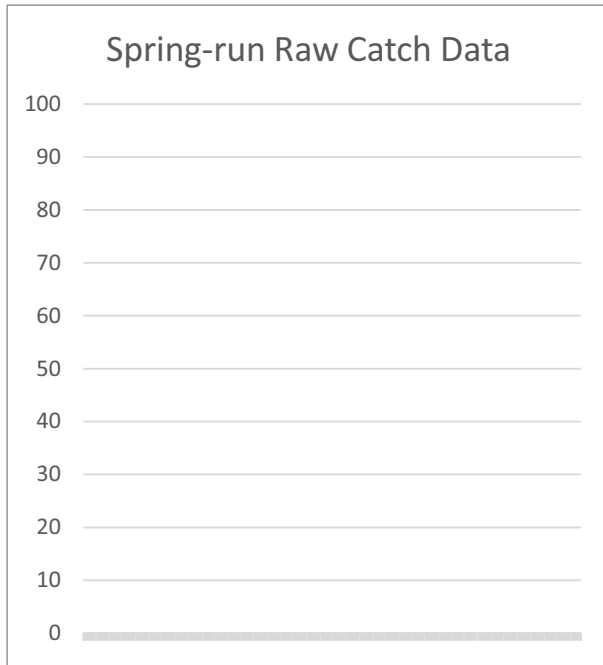
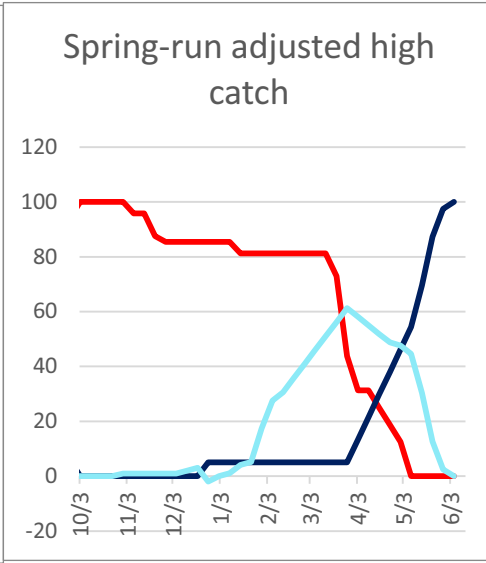
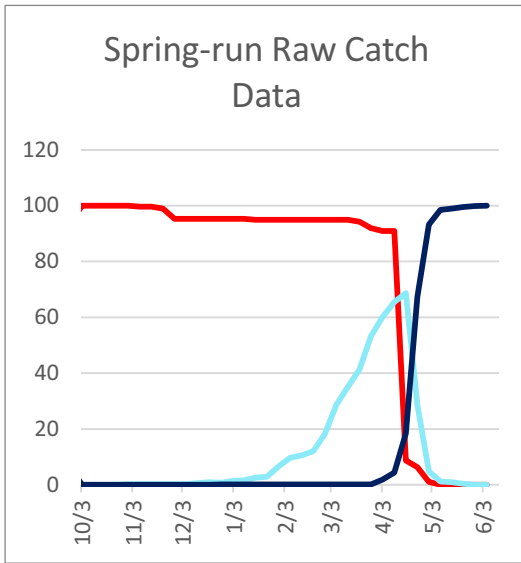
## Weekly fish distribution

### 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		

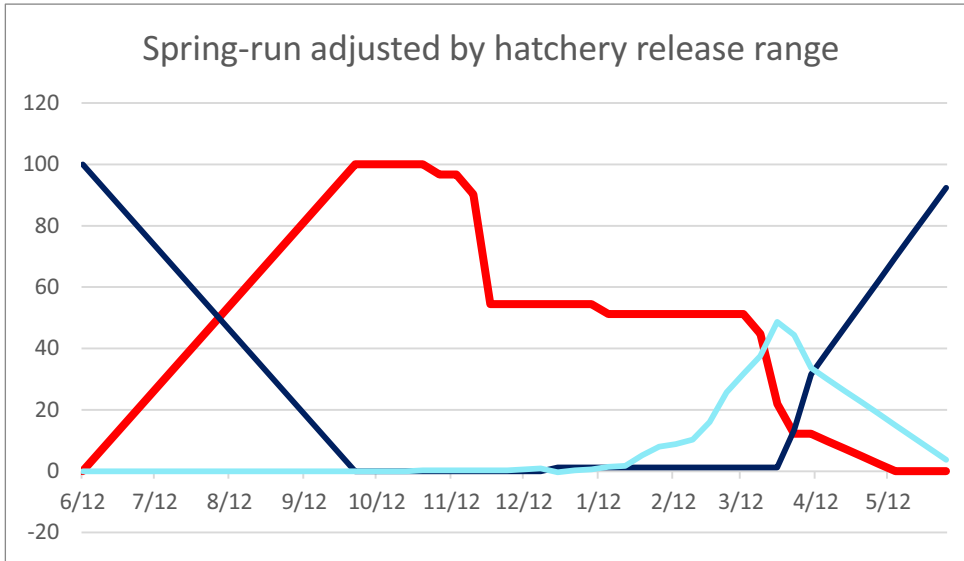


\*High Values Only = replace the high catch values with an average of 2 weeks before and 2 weeks after those

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

<b>Combined Beach Seine and Sacramento Trawl (Spring-Run)</b>						
<b>100% minus Cumulative (adjusted release range)</b>	<b>Date of DOSS Notes</b>	<b>Spring-Run Raw Data</b>	<b>Spring-Run (adjusted high values only)*</b>	<b>Spring-Run (adjusted release range)**</b>	<b>Combined Beach Seine and Sac Trawl % minus Chipps Island (raw data) %</b>	
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	



3 data.

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

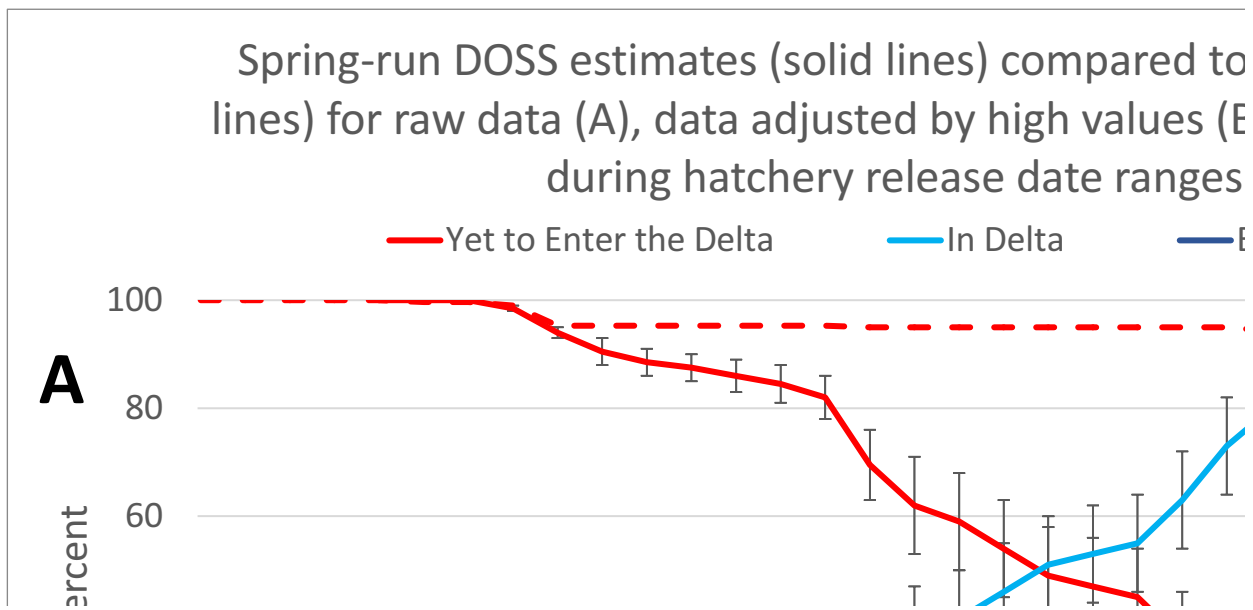
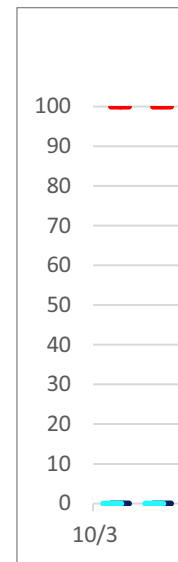
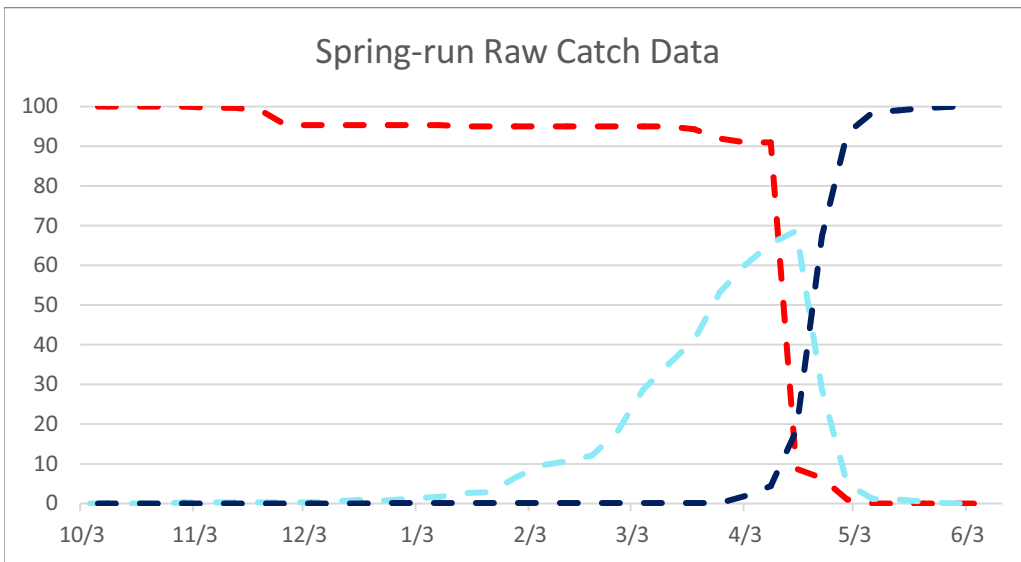
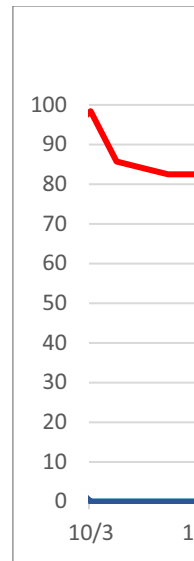
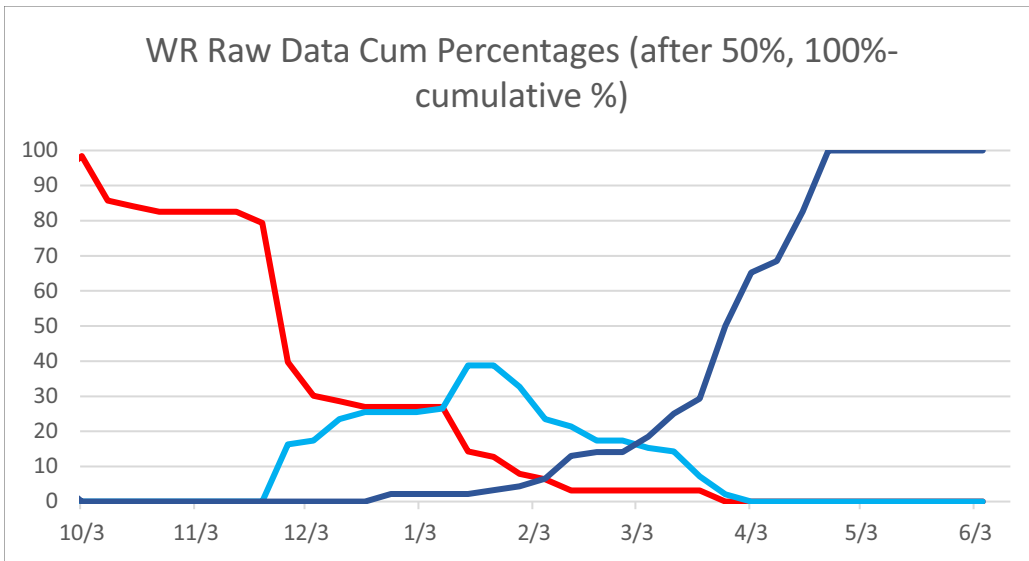
Spring-Run)		Chippis Island Trawl (			
Combined Beach Seine and Sac Trawl minus Chipps Island (adjusted high value)	Combined Beach Seine and Sac Trawl minus Chipps Island (adjusted release range)	Date of DOSS	Notes	Spring-Run Raw Data	Spring-Run (adjusted high values)*
0	0	10/3		0	0
0	0	10/10		0	0
0	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
<hr/>			1221	39.5

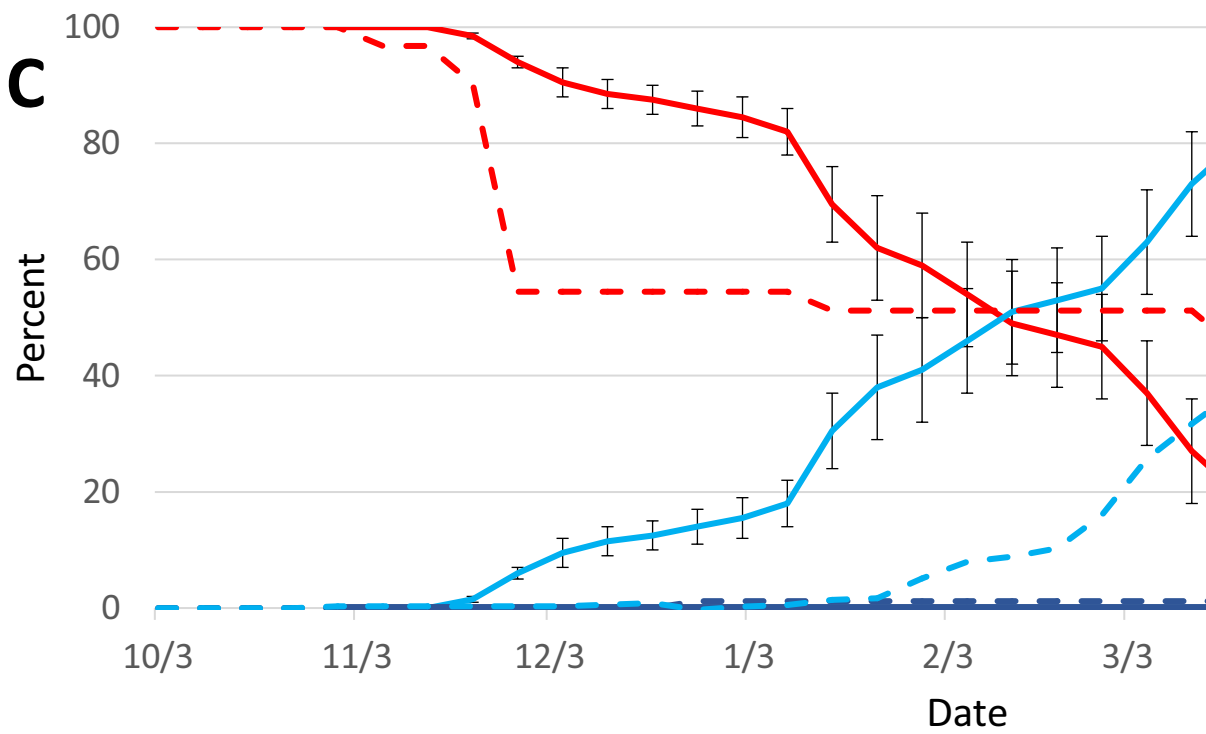
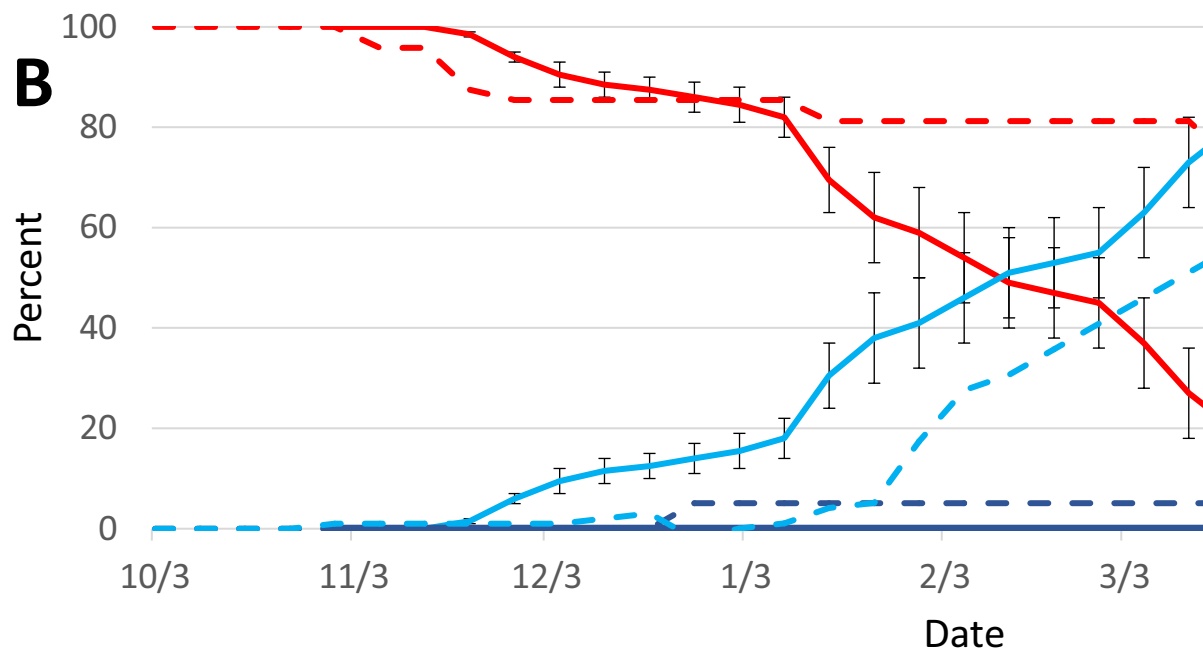
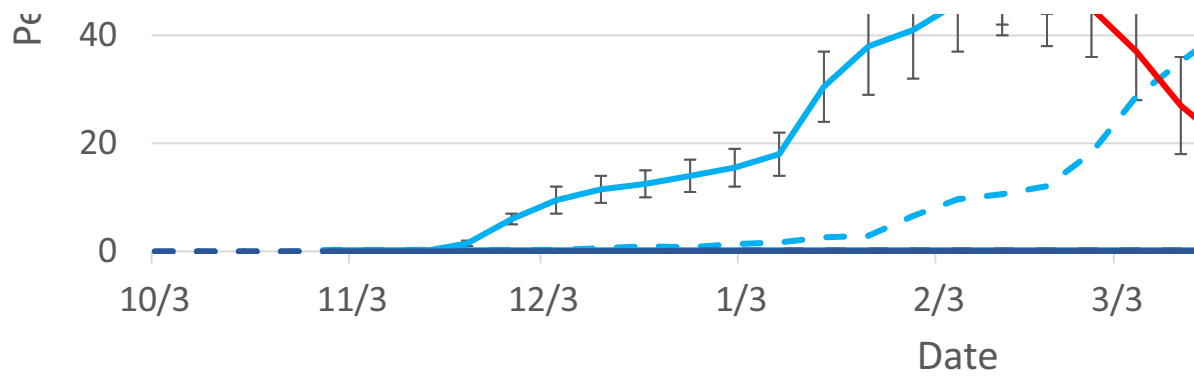
## Spring-Run)

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	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
<hr/>			
171			

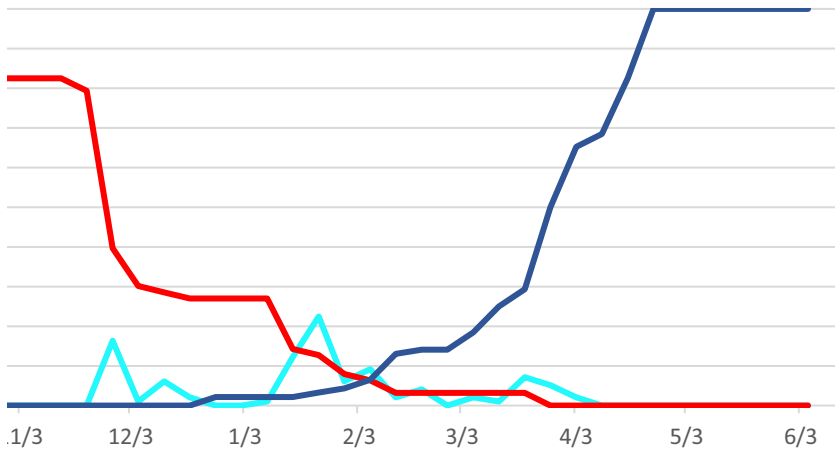




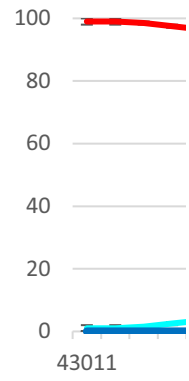




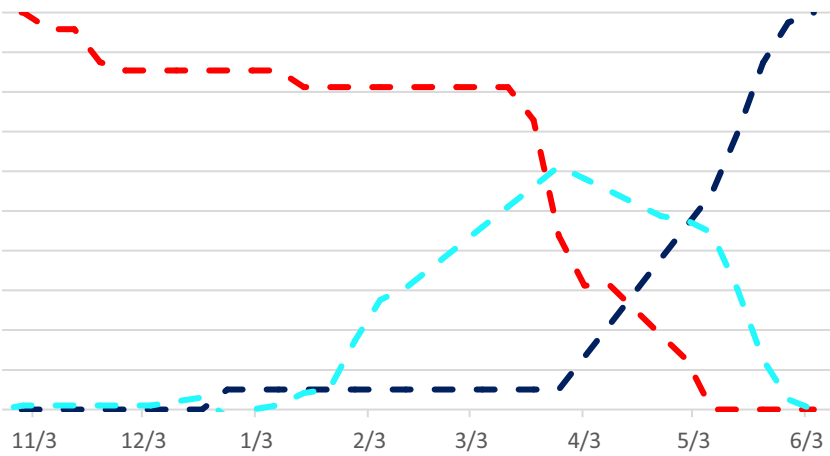
WR Raw Data Percentages



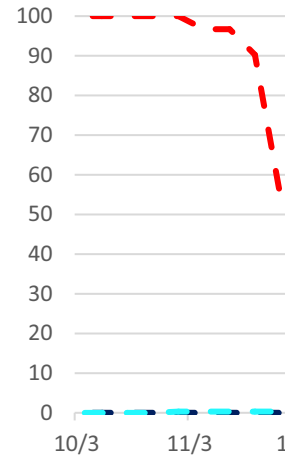
Percent



Spring-run adjusted high catch

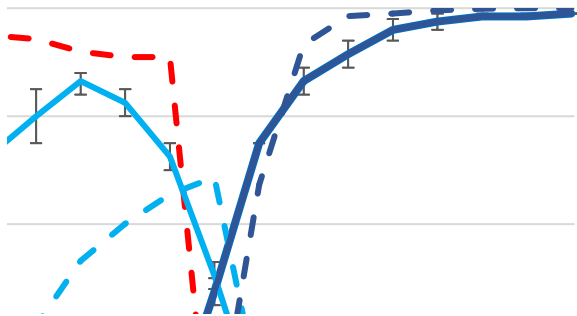


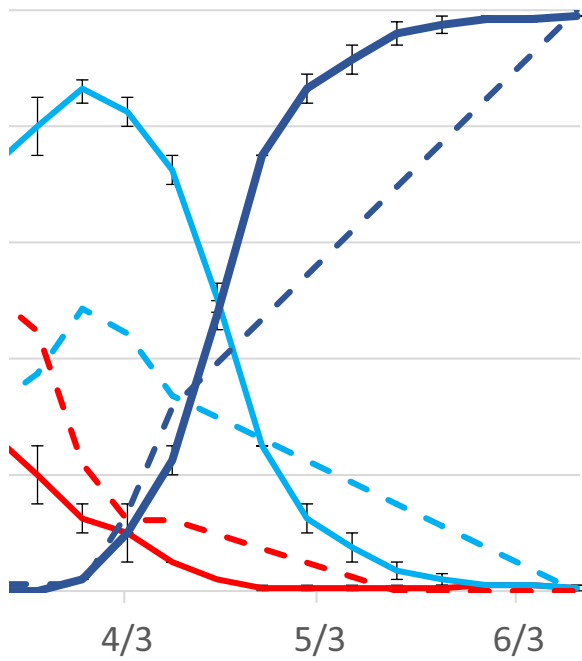
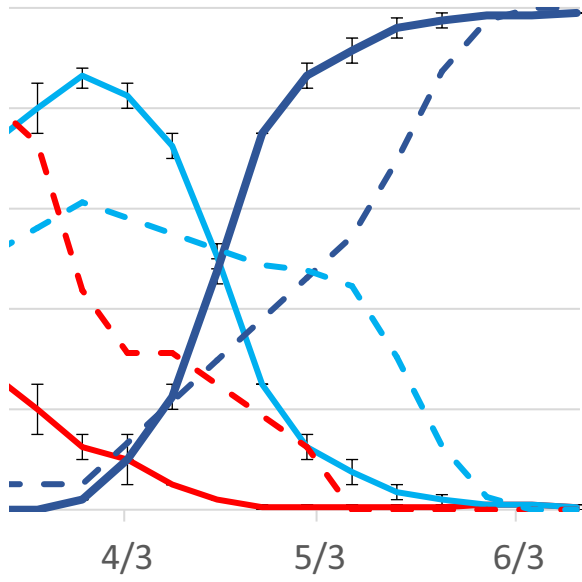
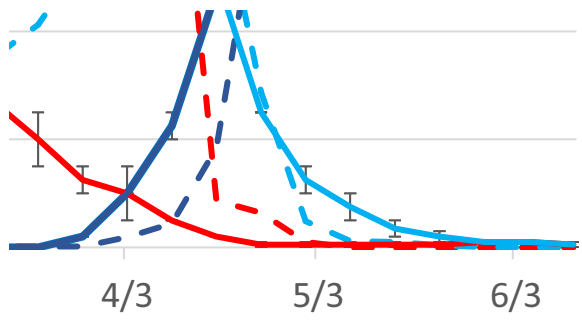
Spring-run



catch data (dotted  
3), and data adjusted  
(C)

Exited the Delta

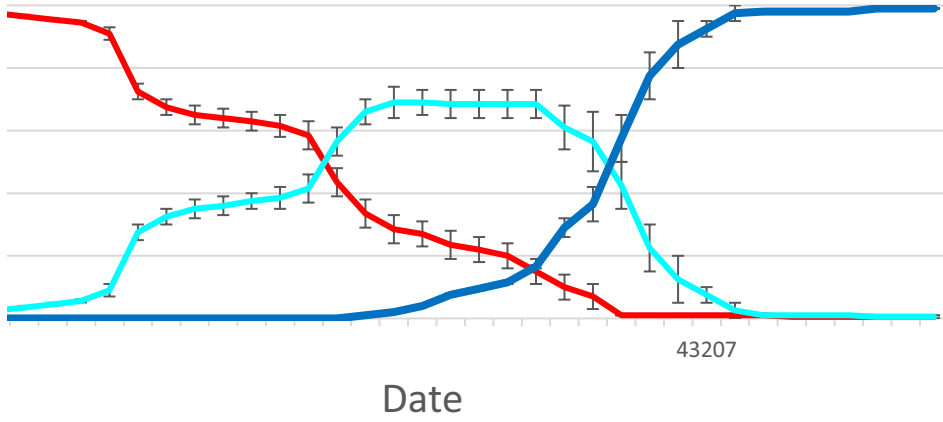




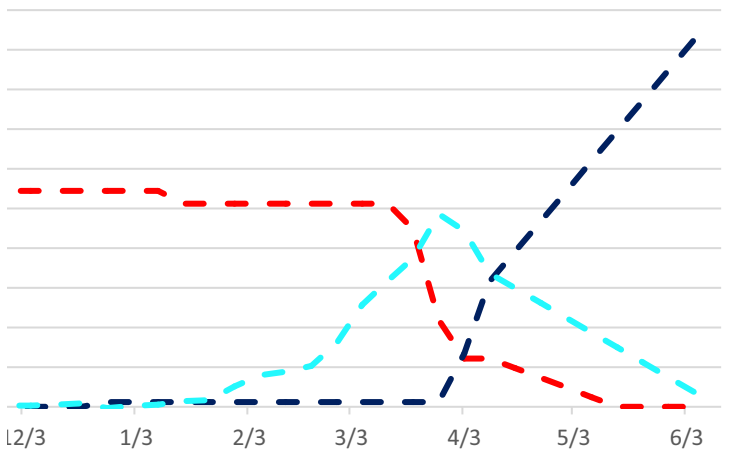


# Wild Winter-Run Estimates to Date

— Yet to Enter the Delta    
 — In Delta    
 — Exited the Delta

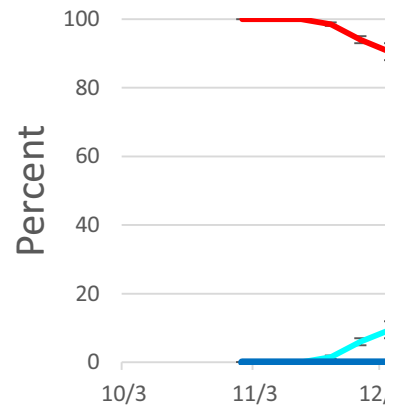


adjusted by hatchery release range



## Wild S

— Yet to Ente

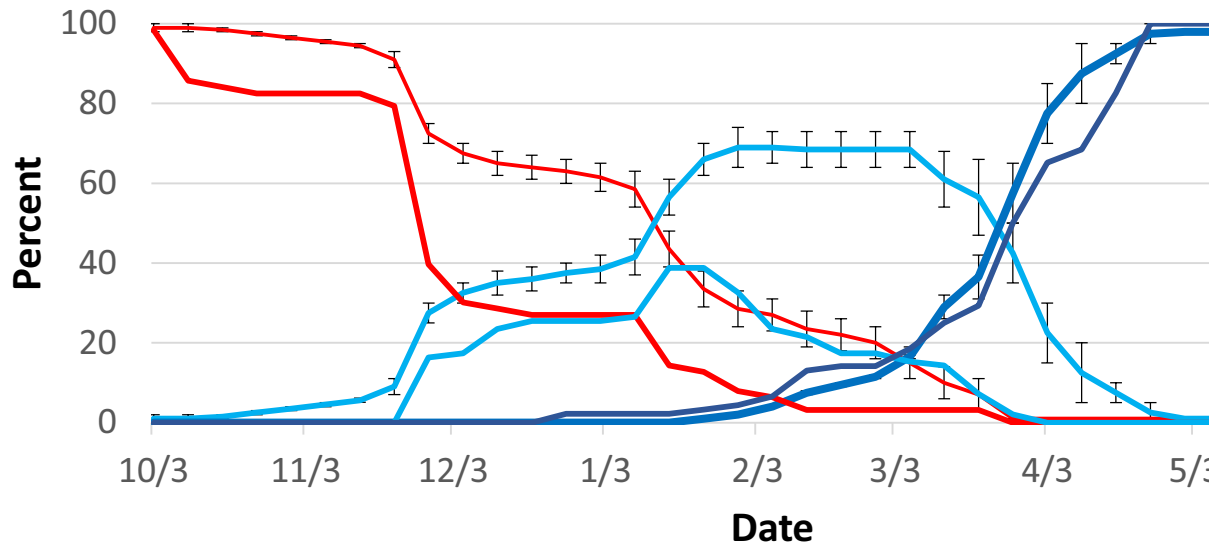




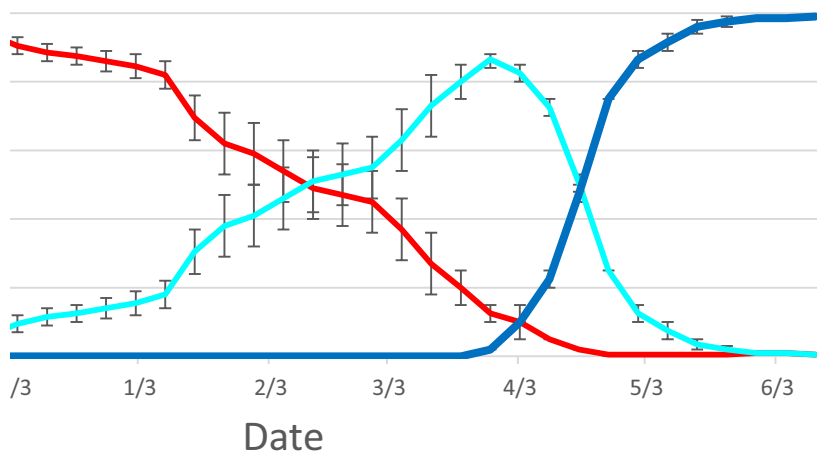




Winter-run DOSS estimates (solid lines) compared to ra  
catch data (dotted lines)



er the Delta    In Delta    Exited the Delta







IW



3

6/3