

### Goal Revisions (Summary)

1. Upper Snake River blocked areas (see additions & explanatory language).
2. Yakima (corrections)

		Current	Historical	Low	Medium	High
Spring Chinook	Yakima	<del>3,000</del>	<del>34,800</del>	<del>2,000</del>	<del>3,300</del>	<del>4,600</del>
	Upr mainstem	<u>4,000</u>	<u>124,500</u>	<u>4,000</u>	<u>12,870</u>	<u>55,700</u>
	Yakima	<del>1,000</del>	<del>21,400</del>	2,000	<del>2,650</del>	<del>3,300</del>
	Naches/American	<u>2,000</u>	<u>74,500</u>		<u>6,630</u>	<u>28,700</u>
Summer Chinook	Yakima	100	<del>50,000</del> <u>89,500</u>	1,000	3,500	10,000
Steelhead	Yakima Toppenish Cr.	500	3,400	<del>250</del> <u>500</u>	<del>500</del> <u>1,000</u>	1,500
Sockeye	Yakima	<del>900</del>	200,000	<del>17,500</del>	40,000	<del>1,000,000</del>
		<u>1,000</u>		<u>5,000</u>		<u>100,000</u>

### Background Info Revisions

1. Explain differences in approach between Upper Columbia and Upper Snake blocked area goals. (see Snake River additions)
2. Separate aggregate upriver coho stock into mid-Columbia, upper Columbia and Snake components. (Historical stock is undefined, provides better alignment across regions).
3. Move Yakima sockeye (extirpated) from Upper Columbia sockeye stock to Mid-Columbia sockeye stock. (Historical stock is undefined, provides better alignment across regions).
4. Resolve whether Yakima summer Chinook are part of the upper Columbia or mid-Columbia stock (Kept in UCR for consistency with ESU definition).
5. Columbia River mouth returns of sockeye corresponding to low, medium and high goals will decrease as a result of goal and conversion rate revisions.
6. Highlight which numbers are geometric means (natural production goals) and which ones are means (run reconstructions).
7. Miscellaneous revisions to current hatchery production numbers. (mostly related to program goals vs. recent actuals).
8. Fifteenmile Creek steelhead now classified as summer rather than winter run.
9. Misc. harvest and harvest rate corrections (mostly terminal harvest areas).

Table 1. Columbia Basin salmon and steelhead stocks defined for Columbia Basin Partnership Task Force based on listing unit and run type

Region	Species	Run type	ESA?		CBP Stock	Evolutionarily Significant Unit or Distinct Population Segment	Fishery Management Unit	Major Pop Gr	# of pop.			
									total	extant	extirpated	re/introduced
Lower Columbia	Chinook	Spring	Yes	1	L Col R Spring Chinook	L Col R Chinook	L River Spring	2	9	9	0	0
	Chinook	Fall (tules)	Yes	2	L Col R Fall (tule) Chinook	L Col R Chinook	L River Hatchery (LRH, BPH)	3	21	21	0	0
	Chinook	Fall (late brights)	Yes	3	L Col R Late Fall (bright) Chinook	L Col R Chinook	L River Wild (LRW)	1	2	2	0	0
	<b>Chinook</b>	<b>Fall (brights)</b>	<b>No</b>	<b>4</b>	<b>L Col R Fall (bright)</b>	<b>--</b>	<b>L River Bright (LRB)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>
	Coho	Fall (early & late)	Yes	5	L Col R Coho	L Col R Coho	Col R Coho	4	25	25	0	1
	Chum	Late Fall	Yes	6	Col R Chum	Col R Chum	Col R Chum	4	18	17	1	0
	Steelhead	Winter	No	7	SW WA Winter Steelhead	SW Washington Steelhead	Winter run	1	7	7	0	0
Steelhead	Winter	Yes	8	L Col R Winter Steelhead	L Col R Steelhead	Winter run	2	17	17	0	0	
Steelhead	Summer	Yes	9	L Col R Summer Steelhead	L Col R Steelhead	L Col R Summer	2	6	6	0	0	
Mid-Col	Chinook	Spring	No	10	M Col R Spring Chinook	M Col R Spring Chinook	Upriver Spring	4	14	14	7	7
	Chinook	Summer/Fall	No	11	M Col R Summer/Fall Chinook	M Col R Summer/Fall Chinook	Upriver Summer, Bright (URB)	1	1	1	0	0
	Coho	Fall	Extinct	12	M Col R Coho	--	Upriver Coho	1	4	3	4	3
	Sockeye	Summer	Extinct	13	M Col Sockeye	--	--	2	2	2	2	2
	Steelhead	Summer	Yes	14	M Col R Summer Steelhead	M Col R Steelhead	Upriver Summer	4	20	19	3	2
Upper Col	Chinook	Spring	Yes	15	U Col R Spring Chinook	U Col R Spring Chinook	Upriver Spring	4	10	4	7	1
	Chinook	Summer	No	16	U Col R Summer Chinook	U Col R Summer/Fall Chinook	U Col Summer	3	14	7	7	2
	Chinook	Fall	No	17	U Col R Fall Chinook	U Col R Summer/Fall Chinook	Upriver Bright Fall Chinook (URB)	1	5	4	1	0
	<b>Coho</b>	<b>Fall</b>	<b>Extinct</b>	<b>18</b>	<b>U Col R Coho</b>	<b>--</b>	<b>Upriver Coho</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>2</b>
	Sockeye	Summer	No	19	U Col R Sockeye	Wenatchee, Okanogan Sockeye	U Col R Sockeye	3	5	2	3	0
	Steelhead	Summer	Yes	20	U Col R Summer Steelhead	U Col R Steelhead	Upriver Summer	3	11	4	7	0
Snake	Chinook	Spring/Summer	Yes	21	Snake R Spring/Summer Chinook	Snake R Spring/Summer Chinook	Upriver Spring	12	68	28	40	0
	Chinook	Fall (brights)	Yes	22	Snake R Fall Chinook	Snake R Fall Chinook	Upriver Bright / Snake R Bright	1	2	1	1	0
	<b>Coho</b>	<b>Fall</b>	<b>Extinct</b>	<b>23</b>	<b>Snake R Coho</b>	<b>--</b>	<b>Upriver Coho</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>3</b>
	Sockeye	Summer	Yes	24	Snake R Sockeye	Snake R Sockeye	Snake R Sockeye	4	9	1	8	0
	Steelhead	Summer	Yes	25	Snake R Summer Steelhead	Snake R Steelhead	Upriver Summer (A & B runs)	9	40	25	15	0
Will	Chinook	Spring	Yes	26	U Will R Spring Chinook	U Willamette R Spring Chinook	Will Spring	1	7	7	0	0
	Steelhead	Winter	Yes	27	U Will R Winter Steelhead	U Willamette R Steelhead	Winter run	1	4	4	0	0
All	<b>Total</b>	<b>including extinct</b>	<b>27</b>					<b>76</b>	<b>333</b>	<b>236</b>	<b>117</b>	<b>24</b>
	<b>Listed</b>		<b>17</b>					<b>57</b>	<b>202</b>	<b>187</b>		

Table 2. Aggregate abundance values for natural origin escapements under current, historical, and low, medium and high escapement goal ranges.

Evolutionarily Significant Unit or Distinct Population Segment		Run Type	ESA	Current	Historical	Low goal	Med goal	High goal	High as % of historical
Chinook	L Columbia	Spring	X	2,200	101,700	9,800	21,550	33,300	33%
Chinook	L Columbia	Fall (tules)	X	12,300	169,700	28,000	54,100	82,000	48%
Chinook	L Columbia	Fall (late brights)	X	10,800	33,000	11,100	16,700	22,200	67%
<b>Chinook</b>	<b>L Columbia</b>	<b>Fall (brights)</b>		<b>11,000</b>	<b>0</b>	<b>11,000</b>	<b>11,000</b>	<b>11,000</b>	<b>--</b>
Coho	L Columbia	Fall (early & late)	X	31,500	301,900	67,900	129,500	191,400	63%
Chum	L Columbia	Late Fall	X	11,800	461,300	16,500	33,000	49,500	11%
Steelhead	L Columbia	Summer	X	3,300	19,100	4,600	5,850	6,950	36%
Steelhead	SW Washington	Winter		6,000	41,900	19,000	27,900	36,400	87%
Steelhead	L Columbia	Winter	X	10,600	61,200	21,100	29,800	38,100	62%
Chinook	M Columbia Spr	Spring		<del>9,600</del> <b>11,600</b>	<del>103,700</del> <b>246,500</b>	<del>15,800</del> <b>17,750</b>	<del>26,900</del> <b>40,425</b>	<del>38,000</del> <b>114,500</b>	<del>37%</del> <b>46%</b>
Chinook	Deschutes Sum/Fall	Summer/Fall		11,500	17,000	4,000	13,000	16,000	94%
Coho	<b>(Mid Columbia)</b>	Fall		<del>10,000</del> <b>6,320</b>	<del>320,000</del> <b>75,000</b>	<del>24,000</del> <b>6,500</b>	<del>57,800</del> <b>14,000</b>	<del>96,900</del> <b>23,500</b>	<del>30%</del> <b>31%</b>
Sockeye	(Mid Columbia)	Summer		<del>30</del> <b>1,040</b>	<del>30,000</del> <b>230,000</b>	<del>2,500</del> <b>7,500</b>	<del>5,000</del> <b>45,000</b>	<del>7,500</del> <b>107,500</b>	<del>25%</del> <b>47%</b>
Steelhead	Mid Columbia	Summer	X	18,200	132,800	<del>21,200</del> <b>21,500</b>	43,400 <b>43,850</b>	69,200 <b>69,150</b>	52%
Chinook	U Columbia Spr	Spring	X	1,200	259,000	11,500	19,800	30,100	12%
Chinook	U Columbia Sum/Fall	Summer		16,900	<del>694,000</del> <b>733,500</b>	9,000	<del>78,400</del> <b>78,350</b>	131,300	<del>19%</del> <b>18%</b>
Chinook	U Columbia Sum/Fall	Fall		92,400	680,000	9,200	62,200	87,800	13%
<b>Coho</b>	<b>(U Columbia)</b>	<b>Fall</b>		<b>400</b>	<b>44,500</b>	<b>7,500</b>	<b>15,000</b>	<b>26,000</b>	<b>58%</b>
Sockeye	(U Columbia)	Summer		<del>80,800</del> <b>79,850</b>	<del>2,000,000</del> <b>1,800,000</b>	<del>49,000</del> <b>31,500</b>	<del>620,000</del> <b>580,000</b>	<del>2,235,000</del> <b>1,235,000</b>	<del>112%</del> <b>69%</b>
Steelhead	U Columbia	Summer	X	1,500	1,121,400	7,500	31,000	47,000	4%
Chinook	Snake Spr/Sum	Spring/Summer	X	7,000	671,000	<del>31,800</del> <b>31,750</b>	<del>79,400</del> <b>91,875</b>	<del>127,000</del> <b>148,500</b>	<del>19%</del> <b>22%</b>
Chinook	Snake Fall	Fall (brights)	X	8,360	500,000	4,200	<del>9,300</del> <b>10,780</b>	<del>14,360</del> <b>23,360</b>	<del>3%</del> <b>5%</b>
<b>Coho</b>	<b>(Snake)</b>	<b>Fall</b>		<b>na</b>	<b>200,000</b>	<b>10,000</b>	<b>28,800</b>	<b>47,400</b>	<b>24%</b>

Sockeye	Snake	Summer	X	100	84,000	2,500 <b>3,000</b>	5,800 <b>6,750</b>	9,000 <b>11,500</b>	11% <b>14%</b>
Steelhead	Snake	Summer	X	28,000	600,000	21,000 <b>70,500</b>	63,000 <b>124,000</b>	105,000 <b>214,000</b>	18% <b>21%</b>
Chinook	U Willamette	Spring	X	4,300	312,200	28,900	47,800	66,800	21%
Steelhead	U Willamette	Winter	X	2,800	220,000	16,300	27,800	39,300	18%
				<del>381,190</del> <b>390,970</b>	<del>8,934,900</del> <b>9,116,700</b>	<del>436,400</del> <b>437,600</b>	<del>1,509,000</del> <b>1,556,330</b>	<del>3,580,110</del> <b>2,819,560</b>	<del>40%</del> <b>31%</b>

**Table 3. Current and anticipated hatchery production and appropriate adult returns to the Columbia River mouth for Columbia Basin salmon and steelhead stocks.**

Stock	Current production (avg.)				Anticipated production	
	Yearlings	Other	Total	Col R adults	Total	Col R adults
Spr Chinook L Col	3,720,000	400,000	4,120,000	17,000	6,340,000	26,200
Fall (tule) Chinook L Col	0	19,366,500	19,366,500	76,000	19,366,500	76,000
Fall (brite) Chinook L Col	0	0	0	0	0	0
Fall (brite) Select Area		2,100,000	2,100,000	12,500	2,100,000	12,500
Coho L Col	12,100,000	8,600	12,108,600	246,000	12,230,000	248,500
Chum L Col	0	770,000	770,000	300	770,000	300
Win Steelhead SW WA	223,000	0	223,000	4,100	223,000	4,100
Win Steelhead L Col	1,381,000	0	1,381,000	28,900	1,381,000	28,900
Sumr Steelhead L Col	1,307,000	0	1,307,000	44,000	1,307,000	44,000
Spr Chinook Mid Col	5,950,000	430,000	6,380,000	47,200	6,930,000	51,300
Fall (tule) Chinook Bonn Pool	0	10,700,000	10,700,000	87,000	10,700,000	87,000
Fall (brite) Chinook M Col	0	11,000,000	11,000,000	115,300	12,000,000	125,800
Coho Mid Col	4,700,000	500,000	5,200,000	76,000	5,200,000	76,000
Sockeye Deschutes	0	7,000	7,000	100	80,000	1,100
Sumr Steelhead Mid Col	610,000	350,000	960,000	58,000	710,000	42,900
Spr Chinook U Col	3,094,000	0	3,094,000	19,400	10,200,000	64,000
Summer Chinook U Col	3,102,000	1,184,000	4,286,000	46,800	14,400,000	157,200
Fall Chinook U Col	450,000	14,000,000	14,450,000	118,100	24,140,000	197,300
<b>Coho U Col</b>	2,000,000		2,000,000	29,000	2,250,000	32,600
Sockeye U Col	0	4,500,000	4,500,000	32,700	14,100,000	102,500
Sumr Steelhead U Col	935,300	0	935,300	21,000	2,750,000	61,700
Spr Chinook Snake	14,115,500	1,225,000	15,340,500	85,500	18,115,500	101,000
Fall Chinook Snake	0	5,650,000	5,650,000	49,200	5,650,000	49,200
<b>Coho Snake</b>	1,550,000	0	1,550,000	23,000	1,550,000	23,000
Sockeye Snake	0	980,000	980,000	1,200	1,000,000	1,200
Sumr Steelhead Snake	9,328,000	1,000,000	10,328,000	203,400	10,328,000	203,400
Spr Chinook Willamette	5,241,000	0	5,241,000	48,000	5,817,000	53,300
Win Steelhead U Willam	0	0	0	0	0	0
(Smr) Steelhead U Willam	600,000	0	600,000	17,000	600,000	17,000
<b>Spring Chinook</b>	<b>32,120,500</b>	<b>2,055,000</b>	<b>34,175,500</b>	<b>217,100</b>	<b>47,402,500</b>	<b>295,800</b>
<b>Summer Chinook</b>	<b>3,102,000</b>	<b>1,184,000</b>	<b>4,286,000</b>	<b>46,800</b>	<b>14,400,000</b>	<b>157,200</b>
<b>Fall Chinook</b>	<b>450,000</b>	<b>62,816,500</b>	<b>63,266,500</b>	<b>458,100</b>	<b>73,956,500</b>	<b>547,800</b>
<b>Chum</b>	<b>0</b>	<b>770,000</b>	<b>770,000</b>	<b>300</b>	<b>770,000</b>	<b>300</b>
<b>Coho</b>	<b>20,350,000</b>	<b>508,600</b>	<b>20,858,600</b>	<b>374,000</b>	<b>21,230,000</b>	<b>380,100</b>
<b>Sockeye</b>	<b>0</b>	<b>5,487,000</b>	<b>5,487,000</b>	<b>34,000</b>	<b>15,180,000</b>	<b>104,800</b>
<b>Winter Steelhead</b>	<b>1,604,000</b>	<b>0</b>	<b>1,604,000</b>	<b>33,000</b>	<b>1,604,000</b>	<b>33,000</b>
<b>Summer Chinook</b>	<b>12,780,300</b>	<b>1,350,000</b>	<b>14,130,300</b>	<b>343,400</b>	<b>15,695,000</b>	<b>369,000</b>
<b>Total</b>	<b>70,406,800</b>	<b>74,171,100</b>	<b>144,577,900</b>	<b>1,506,700</b>	<b>190,238,000</b>	<b>1,888,000</b>