

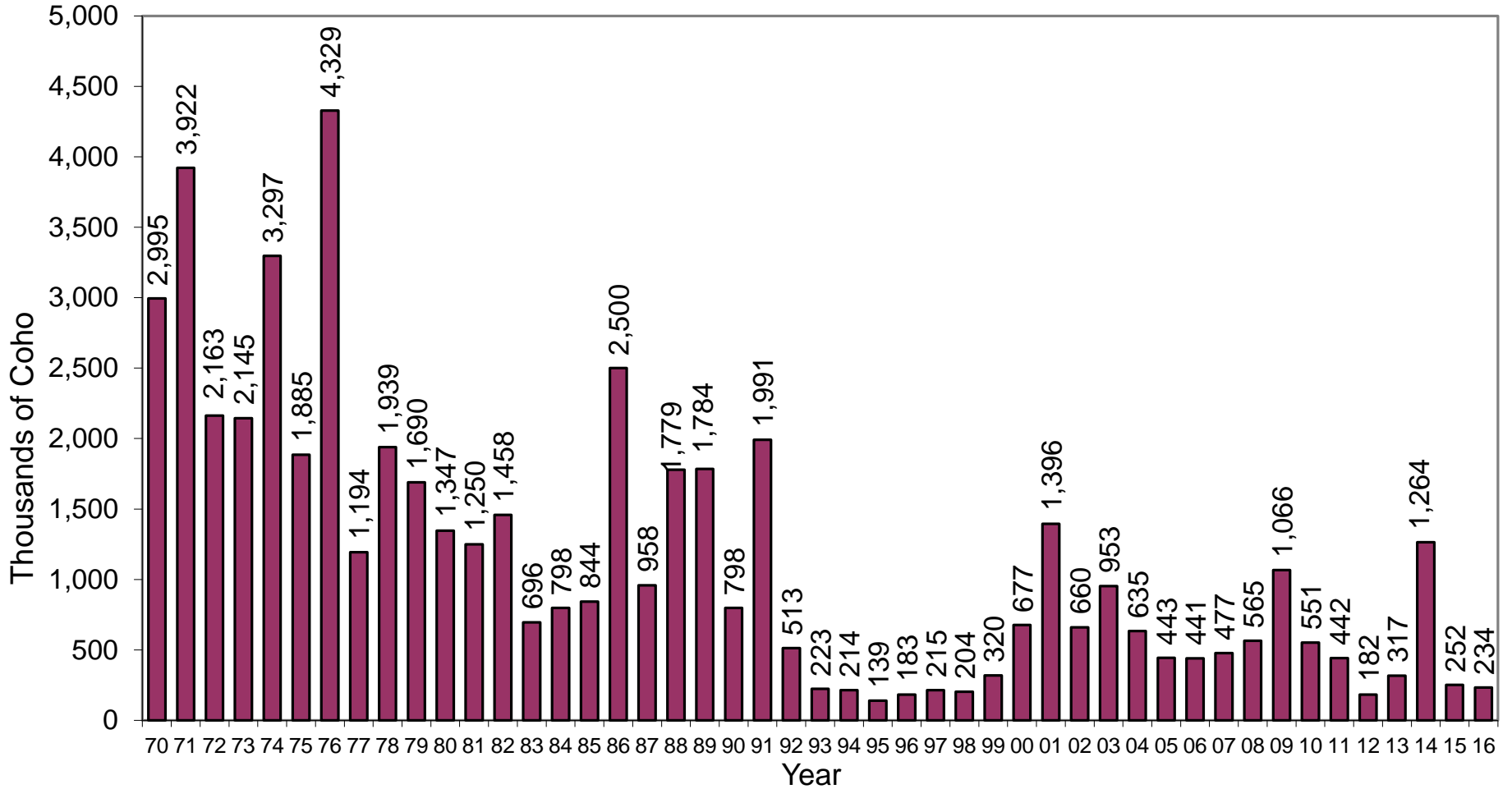
2017 Ocean Fishery Process Schedule

Feb. 27	Ocean Salmon Industry Group Meeting * 2017 Forecasts * 2017 Salmon season discussions	Newport, OR
Feb. 28	WDFW Public Meeting * 2017 Forecasts * 2017 Salmon season discussions	Olympia, WA
Mar. 1	CDFW Public Meeting * 2017 Forecasts * 2017 Salmon season discussions	Santa Rosa, CA
Mar. 8-13	Pacific Fishery Management Council * Adopt 2017 ocean salmon alternatives for public review	Vancouver, WA Hilton
Mar. 17	North of Falcon I (Public Meeting) * Ocean/Puget S./Col. R. area salmon season negotiations	Olympia, WA
Mar. 17	Oregon Fish and Wildlife Commission * Ocean Salmon (informational)	Corvallis, OR
Mar. 27	PFMC Public Options Hearing * Public input on 2017 season alternatives	Coos Bay, OR Red Lion
Mar. 27	PFMC Public Options Hearing * Public input on 2017 season alternatives	Westport, WA
Mar. 28	PFMC Public Options Hearing * Public input on 2017 season alternatives	Fort Bragg, CA
Mar. 24	North of Falcon (Public Meeting) * Continued negotiations - Ocean and Col. R.	Vancouver, WA
Apr. 5	North of Falcon (Public Meeting) * Continued negotiations - Ocean and Col. R.	Olympia, WA
Apr. 6-11	Pacific Fishery Management Council * Adopt 2017 ocean salmon fishery regulations	Sacramento, CA Double Tree
Apr. 21	Oregon Fish and Wildlife Commission * Adopt state waters ocean salmon fishery regulations	Klamath Falls

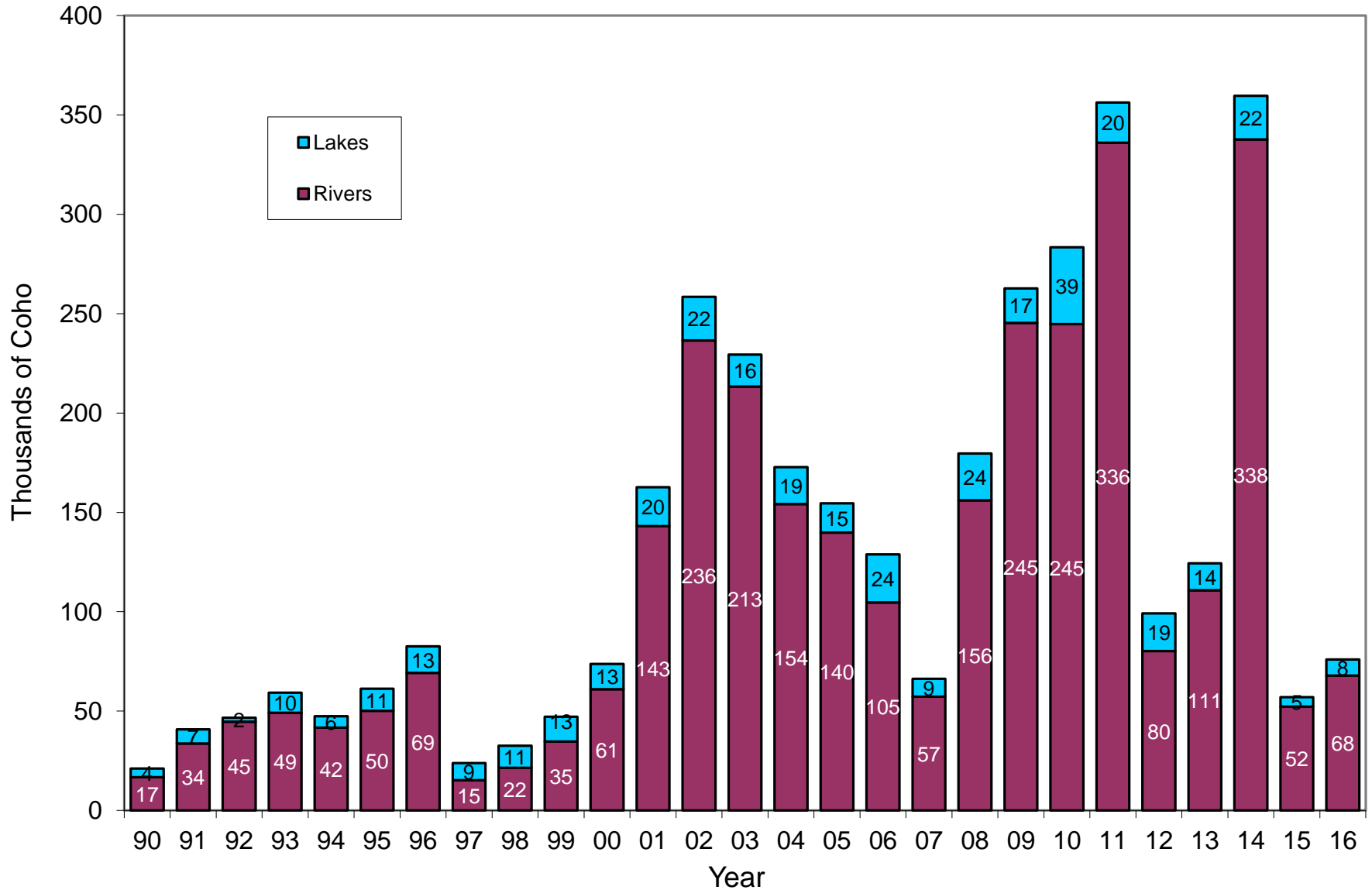
Review of 2016 Salmon Spawning Escapements and Abundance

- Oregon Production Index (OPI) Coho
- Oregon Coastal Natural (OCN)
- Columbia River Chinook
- Klamath River Fall Chinook
- Sacramento River Fall Chinook

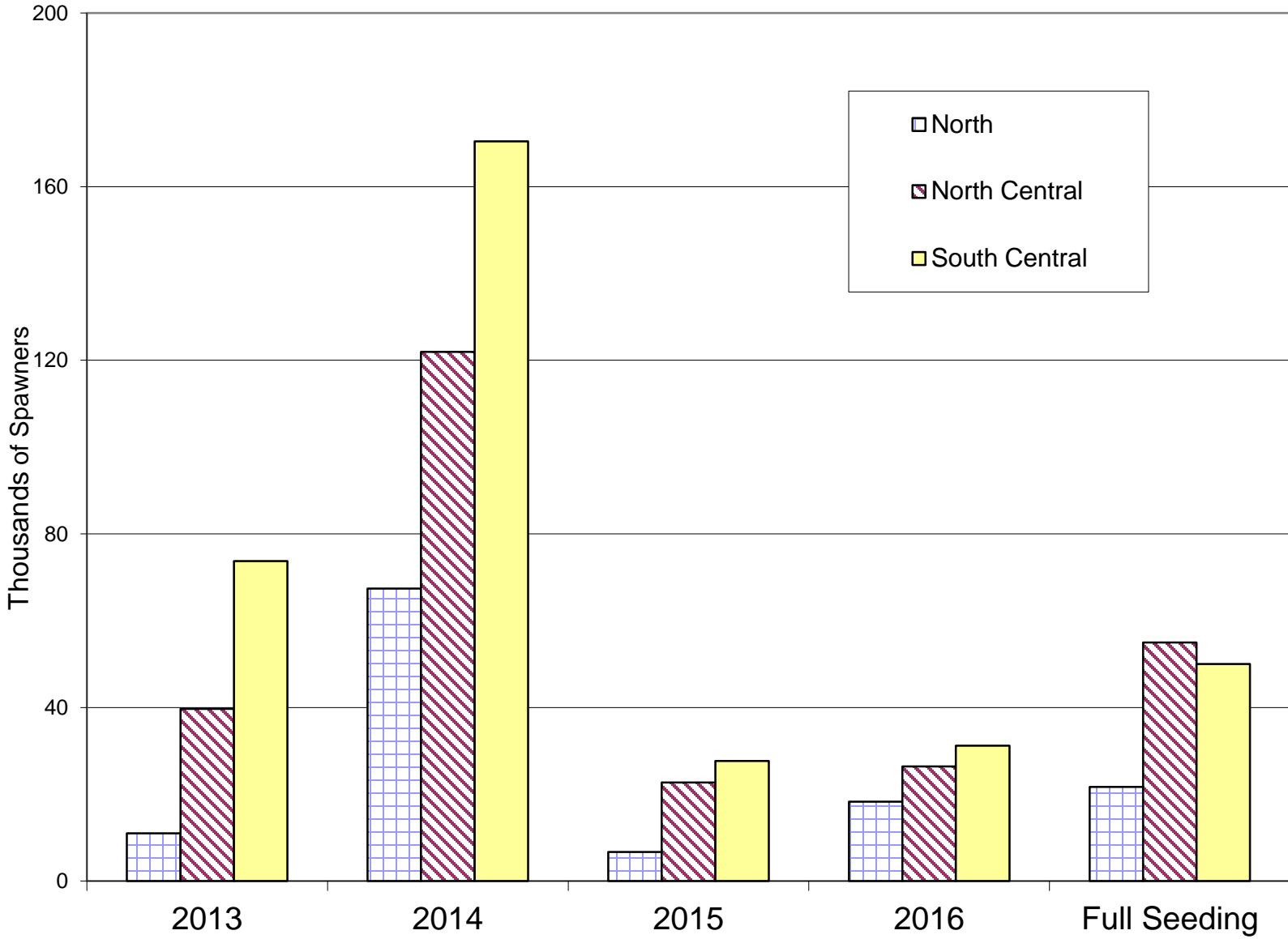
Oregon Production Index Area Hatchery Coho Abundance Estimates, 1970-2016



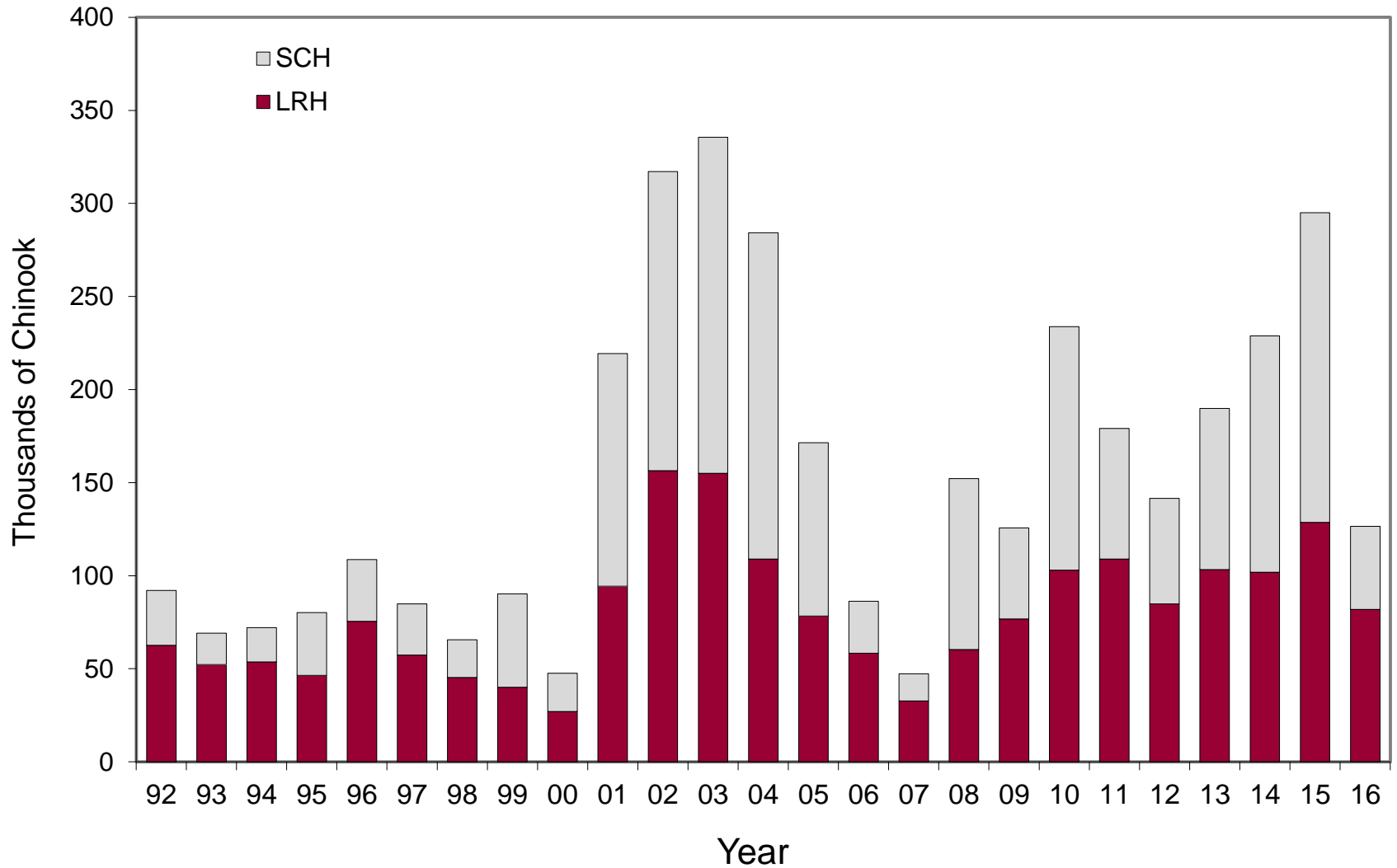
OCN Coho Spawner Escapement Rivers and Lakes, 1990-2016



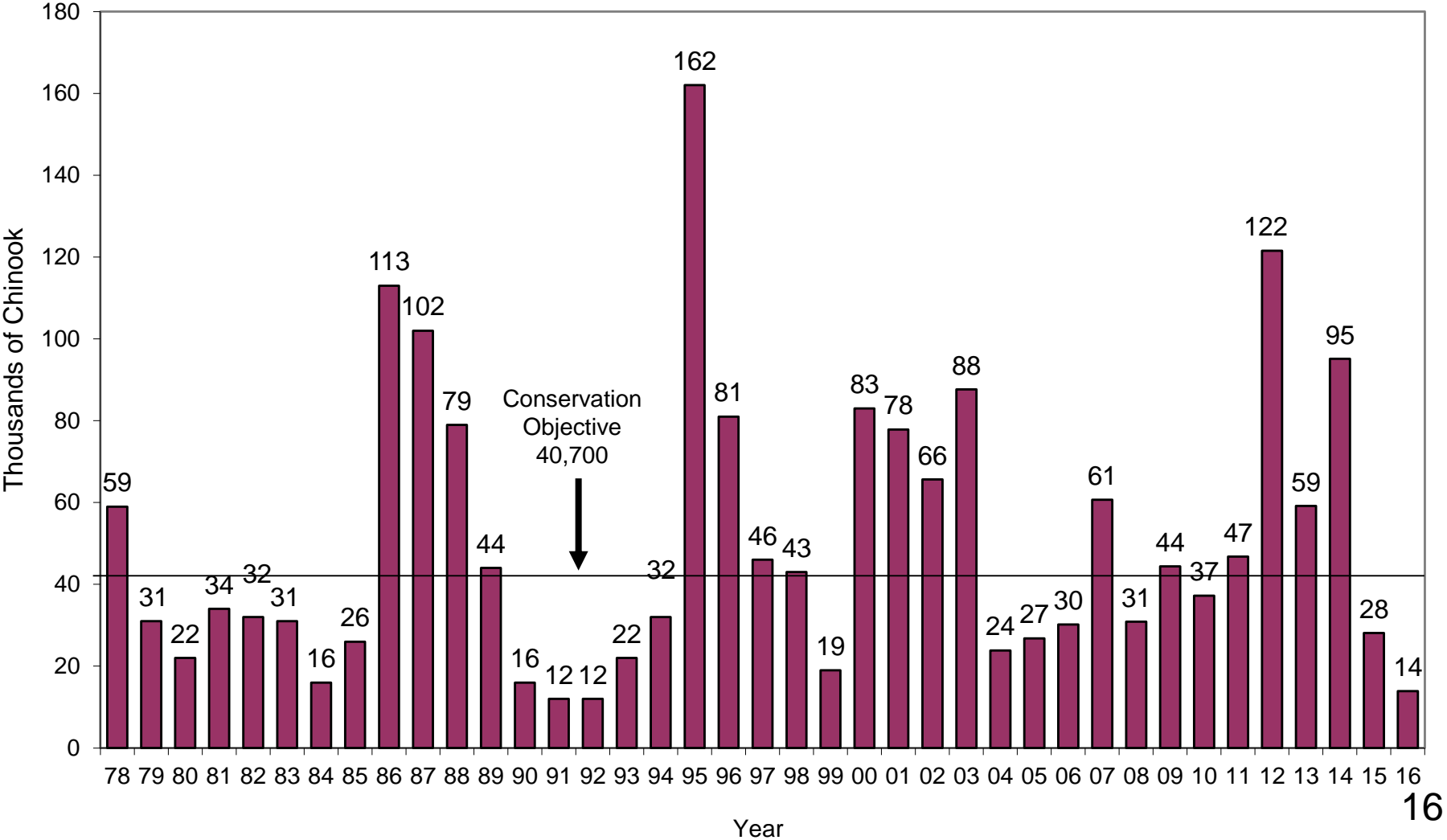
OCN Spawner Escapement by Sub-Aggregate Including Full Seeding Levels, 2013-2016



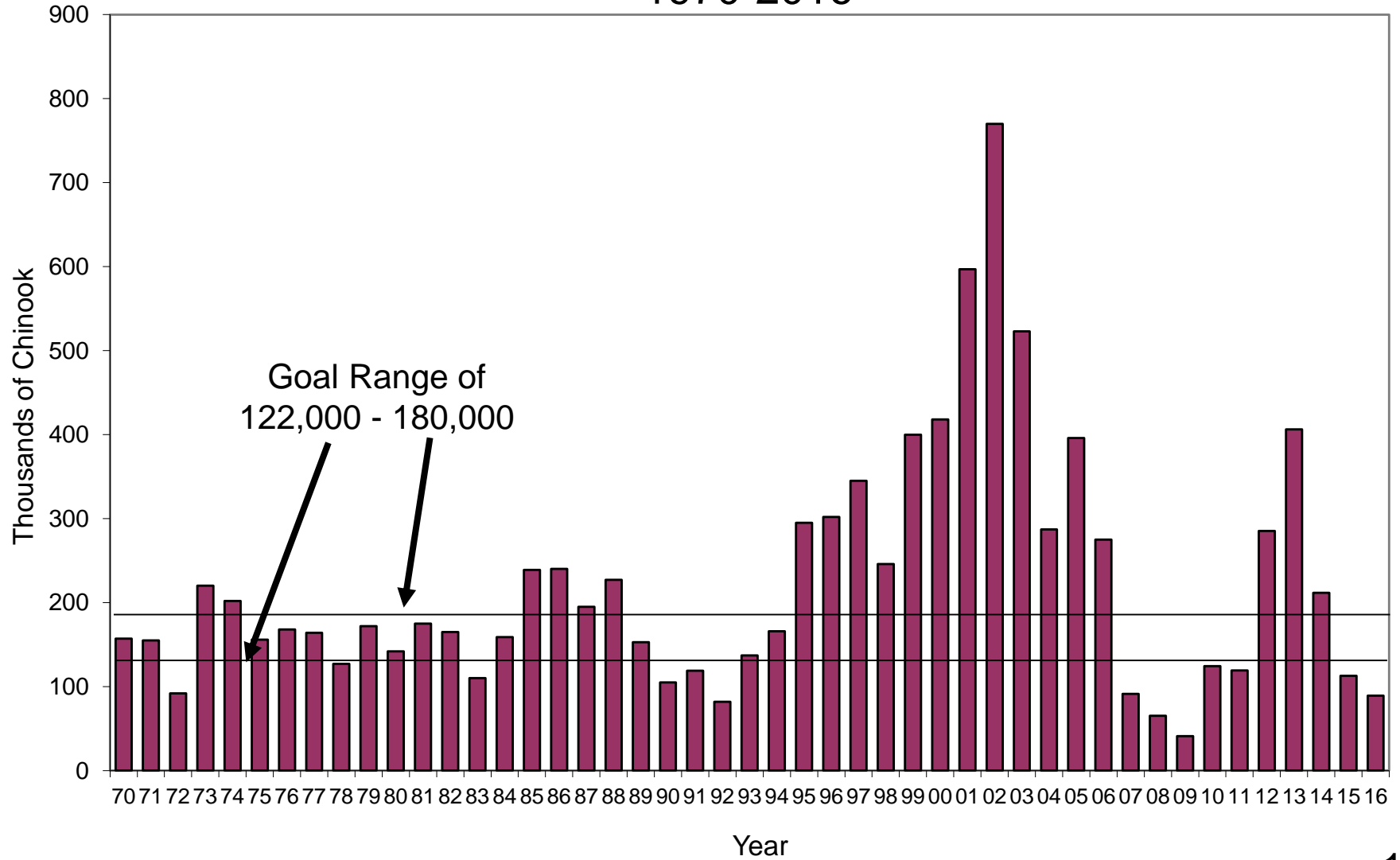
Columbia River Tule Chinook Ocean Escapement, 1992-2016



Klamath River Natural Fall Chinook Adult Spawner Escapement, 1978-2016



Sacramento River Adult Fall Chinook Escapements, 1970-2016



2016 Ocean Abundance Estimates for Select Salmon Stocks Preseason vs. Postseason

Coho	Preseason Expectations	Postseason	Post - Pre
Oregon Production Index (OPI)			
Hatchery	396,500	233,800	-162,700
Oregon Coast Natural	152,700	83,200	-69,500
Lower Columbia Natural	40,000	16,000	-24,000

Chinook

Sacramento Index (Fall Chinook)	299,600	205,000	-94,600
Klamath	age 3 - 93,400	42,400	-51,000
	age 4 - 45,100	24,900	-20,200
Rogue Fall	Index - 136,400	NA	
Oregon Coast North Migrating	Good Returns	Lower survey results and returns.	

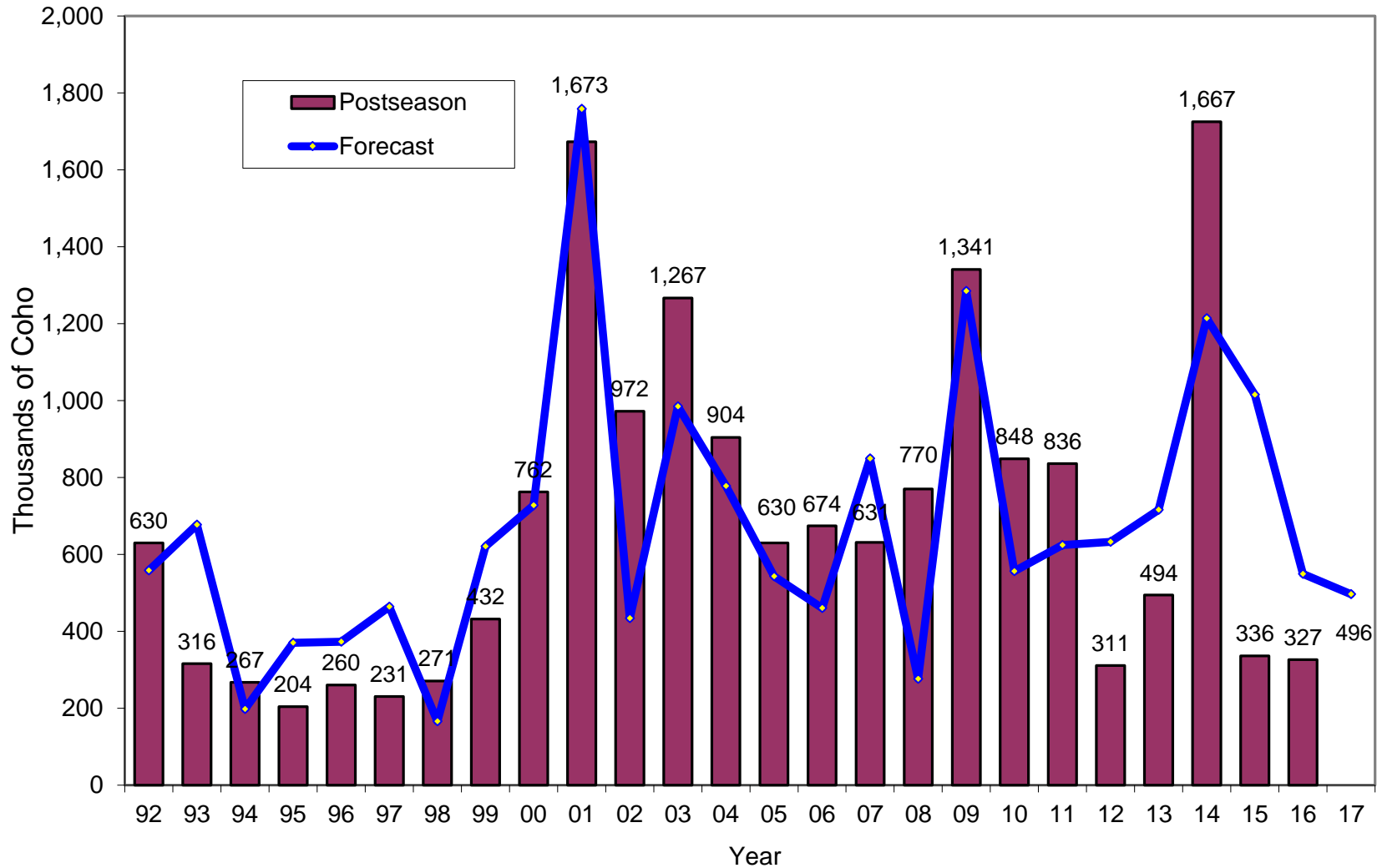
Columbia River Chinook ^{1/}

Tules	223,200	126,500	-96,700
Fall Brights	690,000	494,900	-195,100
Lower River Wild	22,200	13,000	-9,200
Upriver Spring	188,800	160,400	-28,400
Willamette Spring	70,100	49,800	-20,300

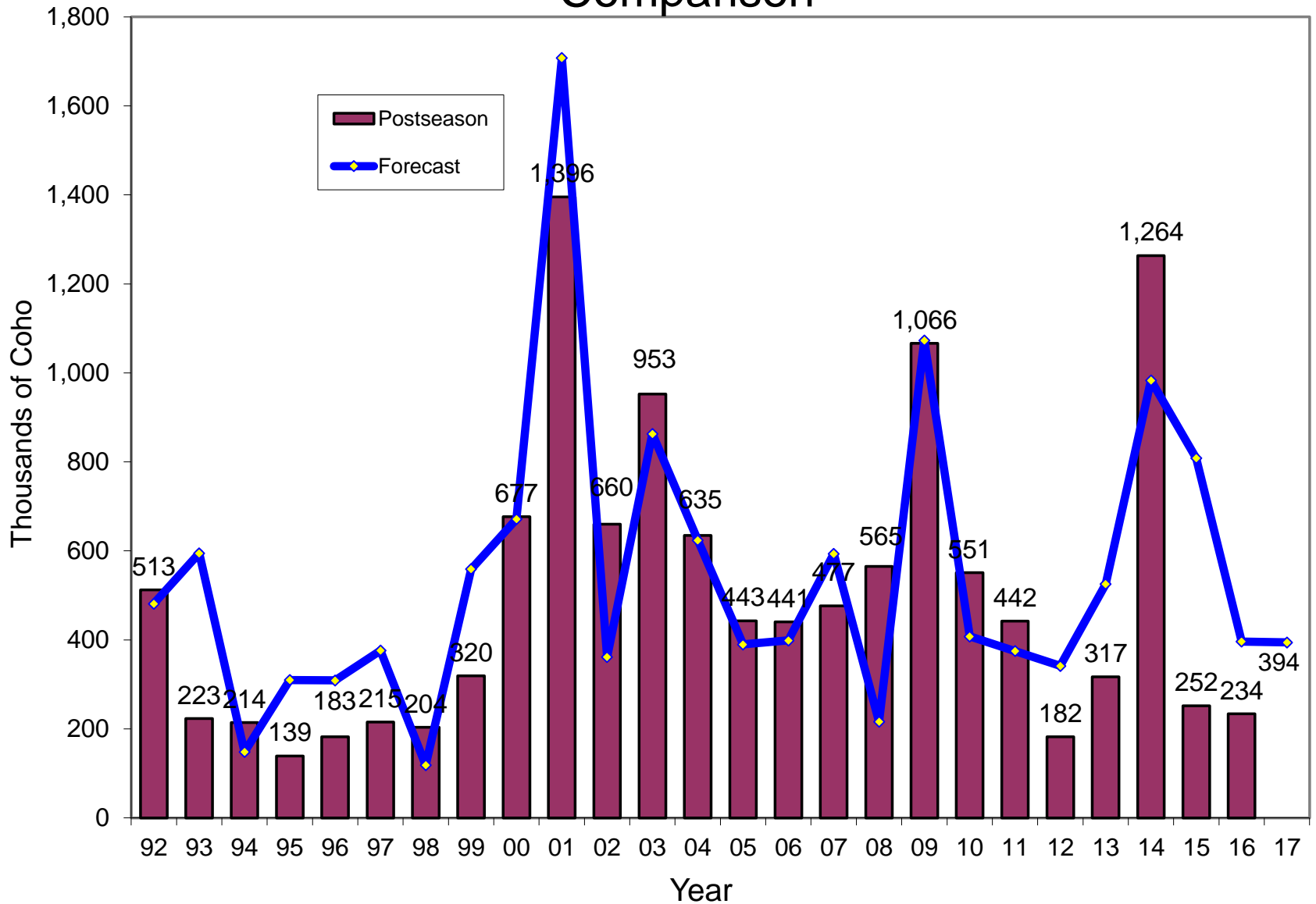
Review of 2017 Salmon Forecasts

- Oregon Production Index (OPI) Coho
 - Columbia River and Coastal Hatchery
 - Oregon Coastal Natural (OCN)
- Columbia River Chinook
- Klamath River Fall Chinook
- Sacramento Index (Fall Chinook)
- 2017 Forecasts
 - Comparison to Postseason Estimates and Preseason Forecasts

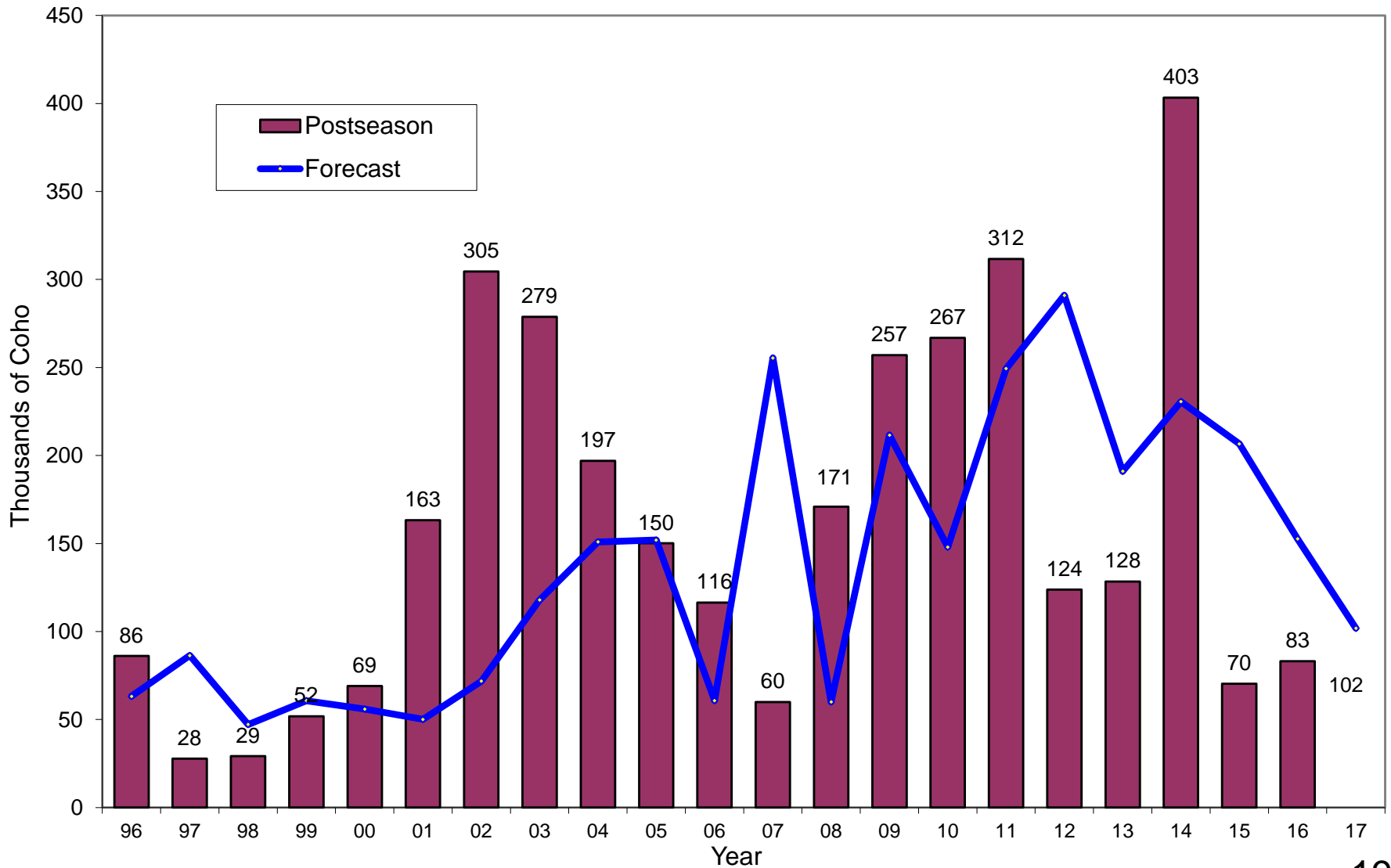
Total OPI Coho Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



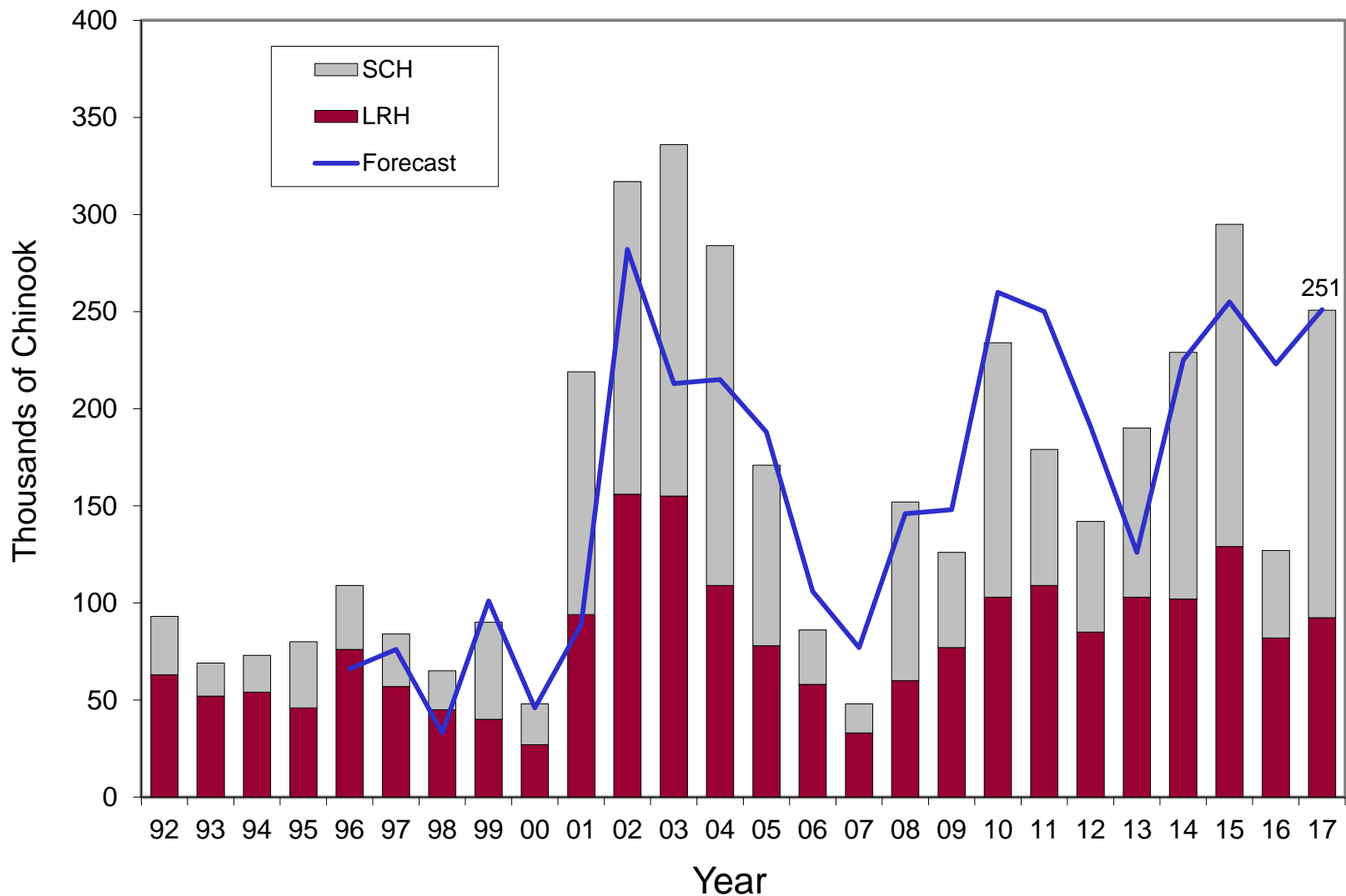
OPI Hatchery Coho Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



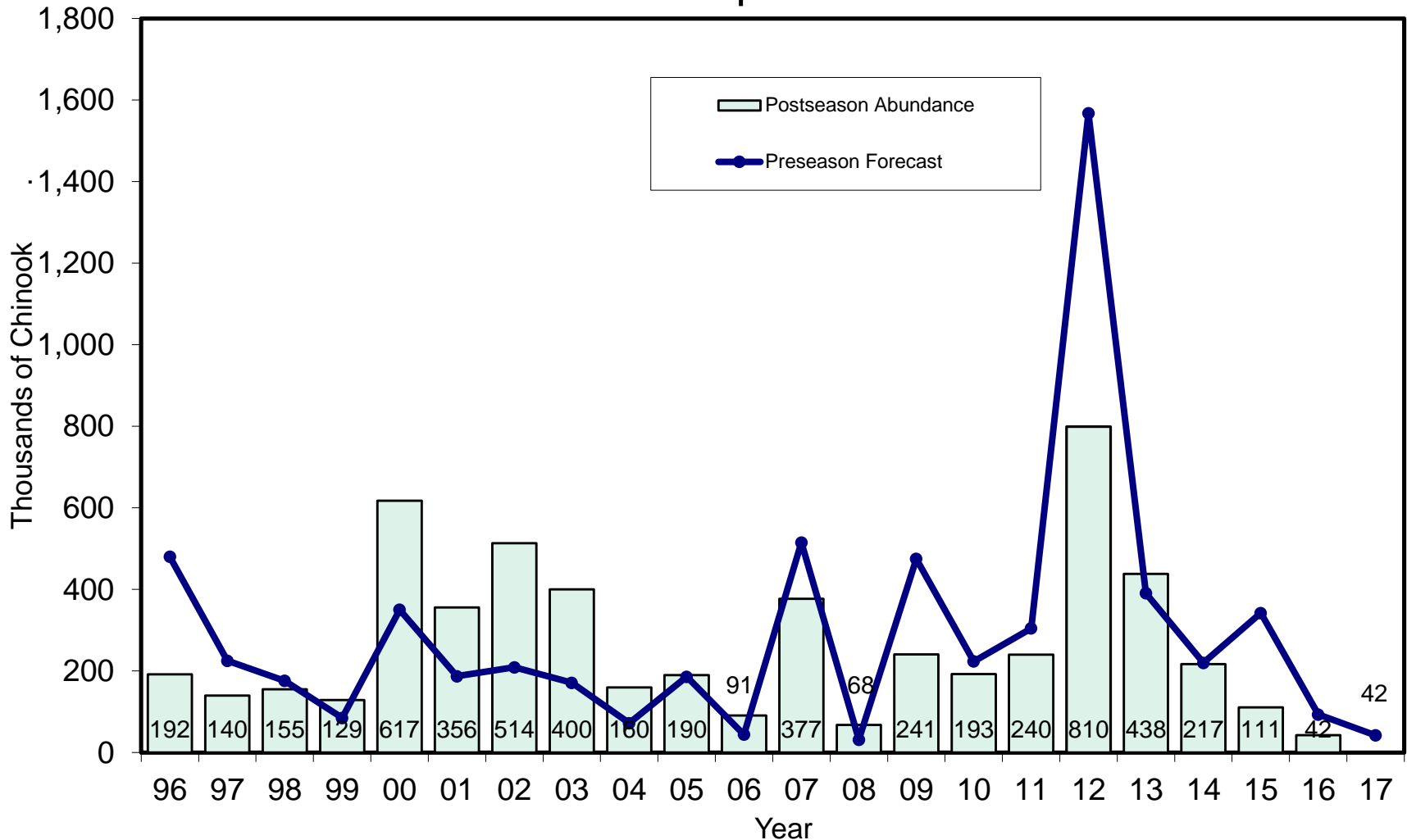
OCN Coho Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



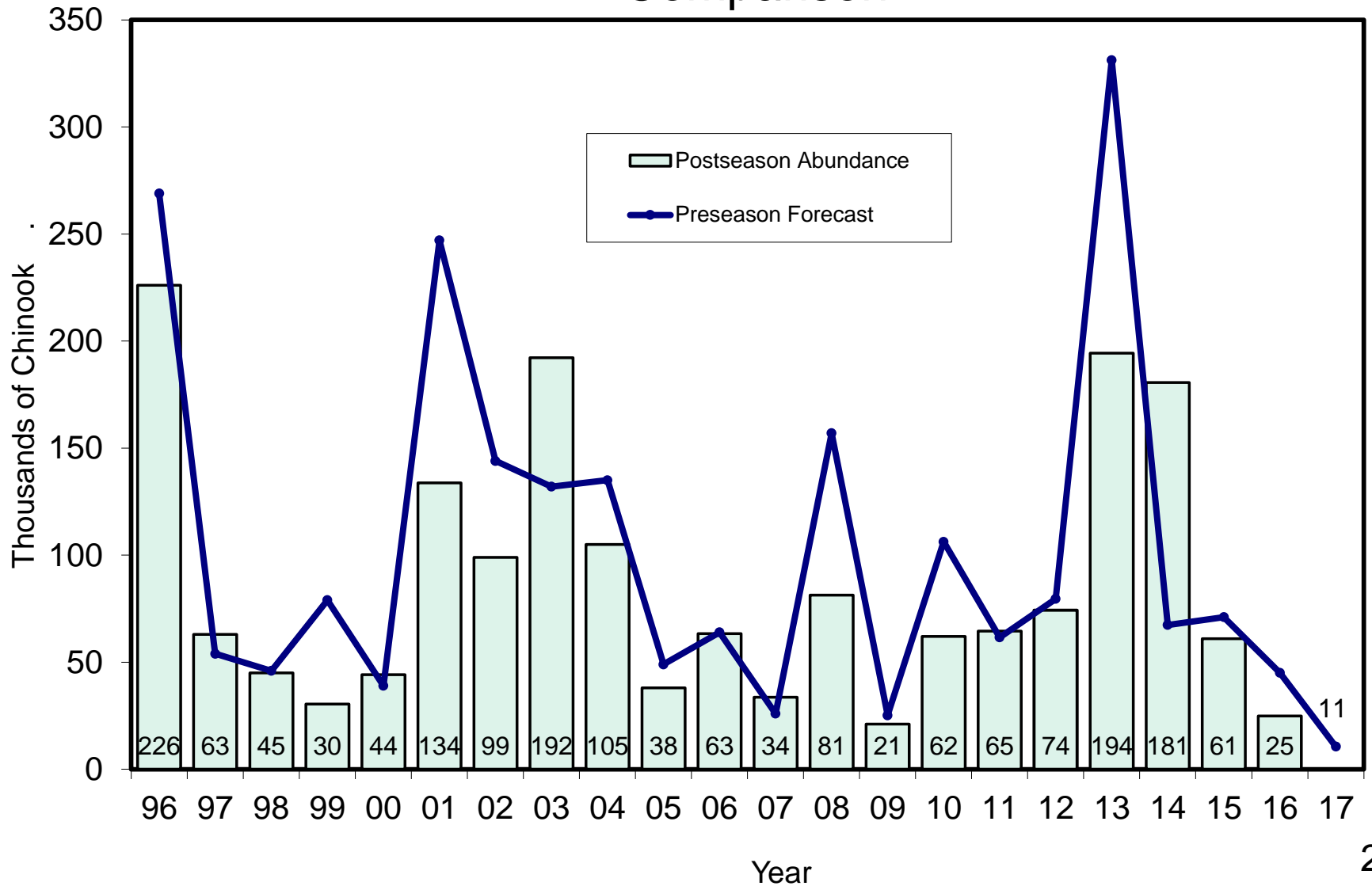
Columbia R. Tule Chinook Ocean Escapement Forecast for 2017 with Postseason Estimate and Preseason Forecast Comparison



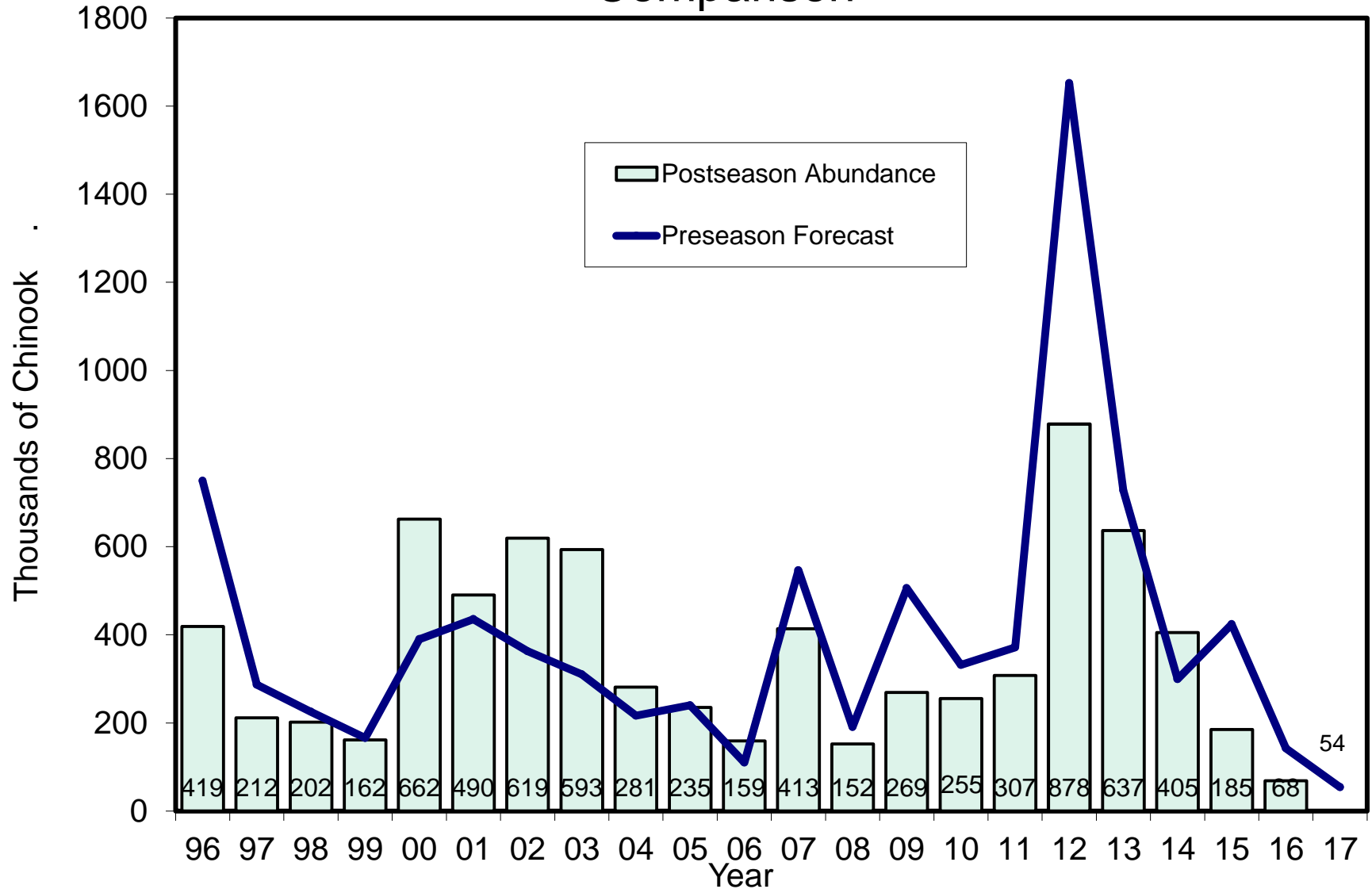
Klamath R. Fall Chinook Age-3 Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



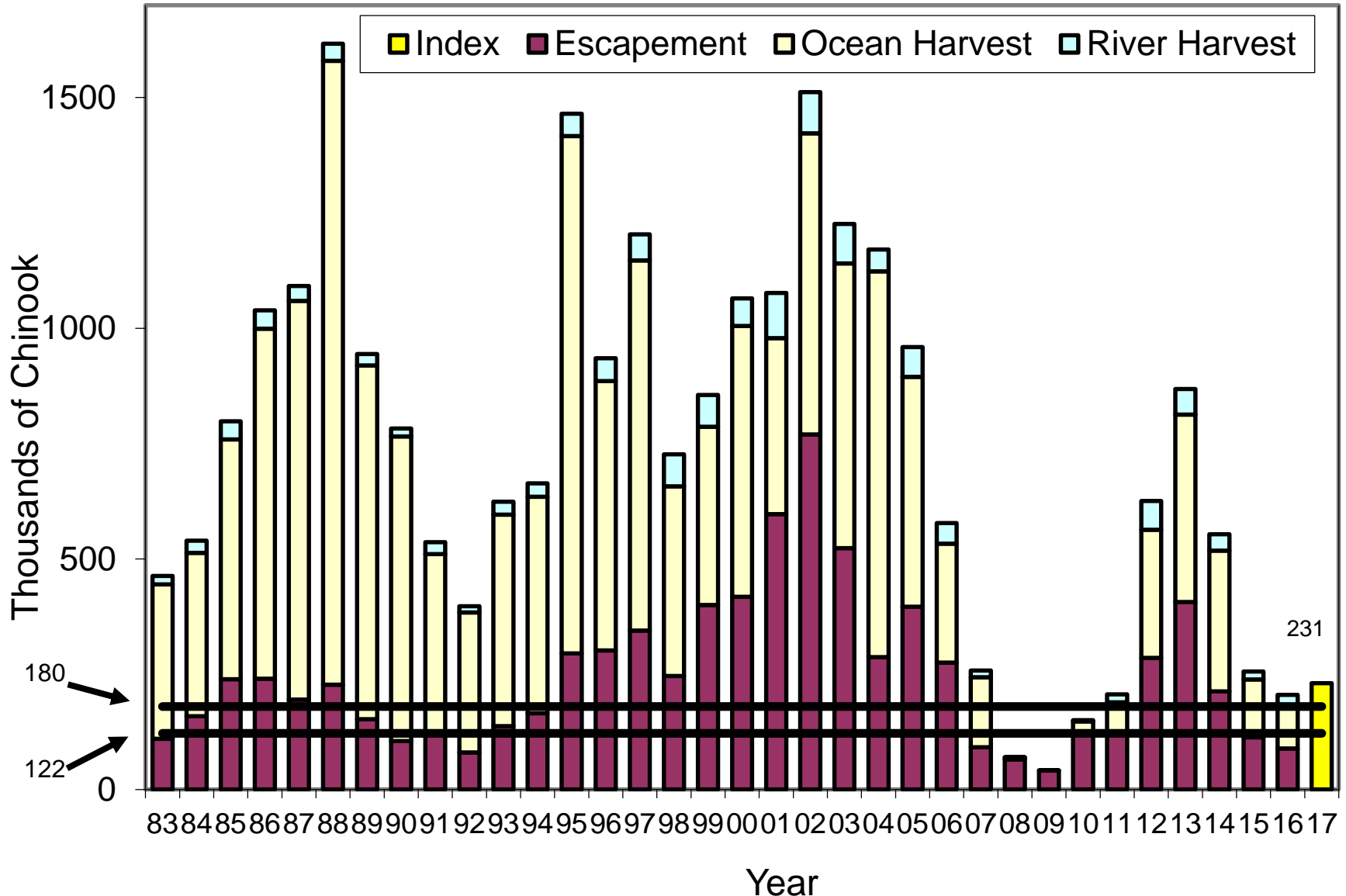
Klamath R. Fall Chinook Age-4 Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



Klamath R. Fall Chinook Adult Forecast for 2017 with Preseason Forecast and Postseason Estimate Comparison



Sacramento R. Fall Chinook Escapements and Harvest, 1983-2016; and 2017 Index



Preliminary 2017 Ocean Abundance Forecasts for Select Salmon Stocks

Coho	Preseason Expectations	Comments
Oregon Production Index (OPI)		
Hatchery	394,300	2,200 less than 2016 Forecast
Oregon Coast Natural	101,900	50,800 less than 2016 Forecast
Lower Columbia Natural	30,100	900 less than 2016 Forecast

Chinook

Sacramento Index (Fall Chinook)	230,700	68,900 less than 2016 Forecast
Klamath	age 3 - 42,000 age 4 - 10,600	51,400 less than 2016 Forecast 34,500 less than 2016 Forecast
Rogue Fall	Index - 246,800	110,400 more than 2016 Forecast
Oregon Coast North Migrating	Below recent year average	Decreasing spawner counts

Columbia River Chinook ^{1/}

Tules	250,800	27,600 more than 2016 Forecast
Fall Brights	305,600	384,000 less than 2016 Forecast
Lower River Wild	12,500	9,700 less than 2016 Forecast
Upriver Spring	160,400	28,400 less than 2016 Forecast
Willamette Spring	40,200	29,900 less than 2016 Forecast

^{1/} Preseason expectations to the mouth of the Columbia River.

Oregon Coastal Natural Coho Spawning Escapement Estimates, 2002-2016

Component and Basin	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2002-2016 Avg.
NORTHERN																
Necanicum	2,047	2,377	2,198	1,218	750	431	1,055	3,827	4,445	2,120	902	798	5,727	847	1,013	1,984
Nehalem	17,164	32,517	18,736	10,451	11,614	14,033	17,205	21,753	32,215	15,322	2,963	4,539	30,577	3,079	6,252	15,895
Tillamook	13,334	13,008	2,532	1,995	8,774	2,295	4,828	16,251	14,890	19,250	1,686	4,402	20,090	1,345	6,022	8,713
Nestucca	16,698	10,194	4,695	686	1,876	394	1,844	4,252	1,947	7,857	1,751	946	6,369	1,029	4,373	4,327
Ind. Tribs.	16	0	661	2,116	1,121	376	639	2,052	1,473	1,341	218	271	4,607	440	688	1,068
TOTAL	49,259	58,096	28,822	16,466	24,135	17,529	25,571	48,135	54,970	45,890	7,520	10,956	67,370	6,740	18,347	31,987
NORTH CENTRAL																
Salmon	543	42	1,642	79	513	59	652	753	1,382	3,636	297	1,165	3,680	332	1,029	1,054
Siletz	2,129	8,038	8,179	14,567	5,205	2,197	20,634	24,070	6,283	33,094	4,495	7,660	19,496	2,216	2,361	10,708
Yaquina	23,800	16,484	5,539	3,441	4,247	3,158	10,913	11,182	8,589	19,074	6,268	3,553	25,582	2,400	3,204	9,829
Beaver Ck.	3,217	5,552	4,569	2,264	1,950	611	1,218	3,575	2,072	2,389	1,878	2,015	6,564	332	1,696	2,660
Alsea	9,073	10,281	5,233	13,907	1,972	2,146	13,320	14,638	9,688	28,337	8,470	9,283	25,786	6,185	8,578	11,126
Siuslaw	55,445	29,003	8,729	16,907	5,869	3,552	17,491	30,607	25,983	28,082	11,946	14,118	38,896	10,352	9,184	20,411
Ind. Tribs.	5,308	1,852	8,179	242	1,468	547	3,910	1,610	2,548	4,487	492	1,929	1,890	856	354	2,378
TOTAL	99,515	71,252	42,070	51,407	21,224	12,270	68,138	86,435	56,545	119,099	33,846	39,723	121,894	22,673	26,406	58,166
SOUTH CENTRAL																
Umpqua	43,504	34,783	29,920	42,532	18,092	11,783	37,868	57,984	70,019	94,655	20,969	27,016	66,272	14,843	8,517	38,584
Coos	33,120	25,761	23,337	17,048	11,266	1,329	14,881	26,979	27,658	10,999	9,414	6,884	38,880	3,030	4,285	16,991
Coquille	7,676	22,403	22,138	11,806	28,577	13,968	8,791	22,286	23,564	55,667	5,911	23,637	41,660	3,357	9,147	20,039
Floras Ck.	3,272	952	7,446	506	1,104	340	786	3,203	11,329	9,217	2,502	1,936	1,022	1,585	1,054	3,084
Sixes R.	95	86	403	105	294	97	43	176	92	334	34	567	410	168	138	203
Coastal Lakes	21,977	16,076	18,642	14,725	24,127	8,955	23,608	17,349	38,744	20,281	18,922	13,659	22,010	4,729	8,044	18,123
Ind. Tribs.	-	-	-	-	-	-	0	188	484	101	48	33	106	0	0	107
TOTAL	109,644	100,061	101,886	86,722	83,460	36,472	85,977	128,165	171,890	191,254	57,800	73,732	170,360	27,712	31,185	97,088
SOUTH																
Rogue	8,460	6,805	24,509	9,957	3,911	5,136	414	2,566	3,671	4,545	5,474	11,210	2,409	4,072	6,302	6,629
COASTWIDE	266,878	236,214	197,287	164,552	132,730	71,407	180,100	265,301	287,076	360,788	104,640	135,621	362,033	61,197	82,241	193,871