

## **Korean Chum Salmon Catch Statistics and Hatchery Releases in 2013-2014**

by

Kwan Eui Hong, Ju Kyoung Kim and Doo Ho Kim

Yangyang Salmon Station, Korea Fisheries Resources Agency(FIRA),  
119, Dongmyeong-ro, Sonyang-myeon, Yangyang-gun, Gangwon-do 215-821,  
Republic of Korea

**submitted to the**

**North Pacific Anadromous Fish Commission**

by

**Republic of Korea**

**April 2014**

**THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:**

Hong, K.E., J.K. Kim, and D.H. Kim. 2014. Korean chum salmon catch statistics and hatchery releases in 2013-2014. NPAFC Doc. 1525. 2pp. Yangyang Salmon Station, Korea Fisheries Resources Agency(FIRA), Yangyang-gun, Gangwon-do 215-851, Republic of Korea. (Available at <http://www.npafc.org>).

## Abstract

Total catch of chum salmon was 95,057 fish or 218.6 metric tons in 2013. The total fries of chum salmon released was 28,250 thousand fish in 2014 (2013 brood).

### Statistics of chum salmon catch

Total catch of chum salmon was 95,057 fish or 218.6 metric tons (MT) in 2013. Among these, 53,388 fish or 122.7 MT were caught from the coastal areas for the commercial purpose (i.e., mostly set-net fishery) and 41,669 fish and 95.8 MT from the river for artificial propagation in hatchery (Table 1). Chum salmon were caught in the coasts (56.1%) and rivers (43.9%). Average weight of chum salmon in 2013 was 2.30kg, while 2.04kg in 2012.

Table 1. Chum salmon catch by area and region from Republic of Korea in 2012 and 2013

Area	Region (Province)	2012		2013	
		Number (Ind. of fish)	Weight (MT)	Number (Ind. of fish)	Weight (MT)
Coast	Eastern coasts	20,965	42.8	54,846	218.6
River	Gangwon Province	12,557	25.6	38,379	88.2
	Gyeongbuk Province	1,295	2.6	1,335	3.0
	Ulsan City	592	1.2	1,788	4.1
	Jeonnam Province	79	0.2	162	0.3
	Others	3	0.006	5	0.01
Total		35,491	72.4	96,515	218.6

### Release of chum salmon fries

The total released fries of chum salmon were 9,710 thousand fish in 2013 (2012 brood) and 28,250 thousand fish in 2014 (2013 brood) (Table 2).

Table 2. Chum salmon releases by hatchery and river from Republic of Korea in 2013 and 2014

Province	Hatchery/Location (Main river)	No. of Release (thousand fish)	
		2013	2014
Gangwon	Yangyang (Namdae-cheon)	6,500	21,000
	Samcheok (Maup-cheon)	1,900	3,750
Gyeongbuk	Uljin (Wangpi-cheon)	900	2,500
Jeonnam	Gurye (Seomjin-gang)	140	650
Gyeongnam		270	350
Total		9,710	28,250