

Kasnyku and Takatz Chum Releases by Size Group

Species	CHUM
Stage	FED FRY

Sum of Total Released	Release Site	Size Group		KASNYKU BAY 112-11 Total	TAKATZ BAY 112-11	Size Group		TAKATZ BAY 112-11 Total	Grand Total
Year Brood	KASNYKU BAY 112-11 LATE LARGE	REGULAR	EARLY CHUM		LATE LARGE	REGULAR			
1977		212,551		212,551					212,551
1978		1,889,184		1,889,184					1,889,184
1979		3,599,384		3,599,384					3,599,384
1980		9,013,938		9,013,938					9,013,938
1981		10,291,351		10,291,351					10,291,351
1982		18,909,761		18,909,761					18,909,761
1983		20,100,000		20,100,000					20,100,000
1984		21,530,000		21,530,000					21,530,000
1985		19,680,000		19,680,000					19,680,000
1986		21,140,000		21,140,000					21,140,000
1987		29,181,000		29,181,000					29,181,000
1988		34,249,000		34,249,000		19,250,000		19,250,000	53,499,000
1989		36,371,500		36,371,500		26,135,291		26,135,291	62,506,791
1990		37,686,000		37,686,000		26,589,400		26,589,400	64,275,400
1991		36,479,100		36,479,100		19,650,100		19,650,100	56,129,200
1992		36,530,800		36,530,800		25,912,100		25,912,100	62,442,900
1993		33,155,175		33,155,175		27,067,798		27,067,798	60,222,973
1994		37,035,400		37,035,400		33,854,350		33,854,350	70,889,750
1995		49,715,678		49,715,678		26,956,000		26,956,000	76,671,678
1996		37,544,876		37,544,876		25,021,120		25,021,120	62,565,996
1997		37,809,253		37,809,253		25,882,728		25,882,728	63,691,981
1998		48,905,343		48,905,343		25,744,971		25,744,971	74,650,314
1999		38,689,735		38,689,735		36,259,333		36,259,333	74,949,068
2000		38,918,758		38,918,758		41,925,974		41,925,974	80,844,732
2001		36,503,940		36,503,940		36,316,937		36,316,937	72,820,877
2002		38,788,889		38,788,889		36,626,794		36,626,794	75,415,683
2003	13,662,435	29,881,079		43,543,514		45,054,655		45,054,655	88,598,169
2004	9,917,604	33,897,948		43,815,552		44,984,748		44,984,748	88,800,300
2005	9,300,684	34,971,120		44,271,804		41,926,494		41,926,494	86,198,298
2006	9,252,243	34,654,534		43,906,777		44,395,047		44,395,047	88,301,824
2007	9,688,433	31,966,262		41,654,695		42,828,059		42,828,059	84,482,754
2008		41,302,992		41,302,992		40,294,519		40,294,519	81,597,511
2009		40,268,478		40,268,478		39,039,177		39,039,177	79,307,655
2010		37,630,694		37,630,694		38,807,328		38,807,328	76,438,022
2011	7,048,558	31,283,930		38,332,488	13,453,301	29,204,857		42,658,158	80,990,646
2012	6,508,719	28,358,647		34,867,366	9,972,601	29,681,749		39,654,350	74,521,716
2013	6,395,064	25,970,400		32,365,464	10,420,817	32,028,756		42,449,573	74,815,037
2014	6,513,515	23,868,519		30,382,034	11,826,533	31,396,973		43,223,506	73,605,540
2015	10,419,637	35,599,703		46,019,340	7,345,485	31,032,302		38,377,787	84,397,127
2016	11,290,910	53,311,753		64,602,663					64,602,663
2017	13,542,507	30,183,284		43,725,791					43,725,791
2018	15,531,098	32,092,646		47,623,744					47,623,744
2019	25,052,055	23,537,892		48,589,947					48,589,947
2020	24,972,690	23,922,415		48,895,105					48,895,105
2021	25,951,121	25,030,977		50,982,098					50,982,098
2022	22,832,770	9,748,774	13,010,843	45,592,387					45,592,387
Grand Total	227,880,043	1,361,412,663	13,010,843	1,602,303,549	53,018,737	971,493,877		1,024,512,614	2,626,816,163

Southeast Cove, Gunnuk Creek & Thomas Bay Chum Releases by Size Group

Species	CHUM
Stage	FED FRY

Sum of Total Released	Release Site	Size Group		SE COVE 109-42 Total	GUNNUK CR 109-42	Size Group		GUNNUK CR 109-42 Total	THOMAS BAY 110-12	Size Group		THOMAS BAY 110-12 Total	Grand Total
Year Brood	SE COVE 109-42 LATE LARGE	REGULAR		LATE LARGE	REGULAR				LATE LARGE	REGULAR			
2012	8,712,136			8,712,136									8,712,136
2013	9,142,373			9,142,373									9,142,373
2014	17,478,583			17,478,583									17,478,583
2015	13,316,743	29,441,527		42,758,270									42,758,270
2016	17,565,716	29,183,809		46,749,525					7,149,566	14,749,497		21,899,063	68,648,588
2017	15,741,942	27,367,140		43,109,082	8,866,586			8,866,586	9,303,427	12,952,470		22,255,897	74,231,565
2018	19,569,520	17,074,771		36,644,291	8,785,255	7,071,823		15,857,078	8,469,381	6,881,163		15,350,544	67,851,913
2019	20,883,064	20,068,712		40,951,776	9,666,773	6,475,719		16,142,492	10,562,842	10,835,469		21,398,311	78,492,579
2020	26,158,405	9,198,802		35,357,207	9,222,376			17,566,539	11,691,221				64,614,967
2021	18,377,402	17,710,505		36,087,907		8,484,195		8,484,195	7,403,776	7,443,023		14,846,799	59,418,901
2022	21,167,654	20,727,576		41,895,230					11,954,645	7,963,718		19,918,363	61,813,593
Grand Total	188,113,538	170,772,842		358,886,380	36,540,990	30,375,900		66,916,890	66,534,858	60,825,340		127,360,198	553,163,468

SIZE GROUP is defined as "REGULAR" or "LATE-LARGE"

Regular releases are generally 1.5 to 2.5g at release.

Late-Large releases are held and fed to 3.5 to 4.0+ g at release. Also referred to as our "4.0" program.

BY 2010 Takatz Release included 8,595,158 fry reared as LATE-LARGE. These were not differentially otolith marked, so are included in the REGULAR group.

BY 2015 Southeast Cove REGULAR group release included 4,184,748 fry reared as LATE-LARGE that have the REGULAR group OT mark.

Hidden Falls Chum Releases by Mark Detail (1977-2006)

Species	CHUM
Stage	FED FRY

Sum of Total Released				Release Site	Size Group	KASNYKU BAY 112-11 Total	TAKATZ BAY 112-11 REGULAR	TAKATZ BAY 112-11 Total	Grand Total
Year Brood	Mark Code	Mark ID	Thermal Mark Hatch Code	KASNYKU BAY 112-11 LATE LARGE	REGULAR				
	1977	LV			15,711	15,711			15,711
		NO MARK			196,840	196,840			196,840
	1978	NO MARK			1,889,184	1,889,184			1,889,184
	1979	AD			3,012,594	3,012,594			3,012,594
		NO MARK			586,790	586,790			586,790
	1980	AD			652,195	652,195			652,195
		NO MARK			8,361,743	8,361,743			8,361,743
	1981	AD			10,291,351	10,291,351			10,291,351
	1982		AD		18,909,761	18,909,761			18,909,761
	1983		AD		20,100,000	20,100,000			20,100,000
	1984		AD		21,530,000	21,530,000			21,530,000
	1985		AD		19,680,000	19,680,000			19,680,000
	1986	NO MARK			21,140,000	21,140,000	19,250,000	19,250,000	40,390,000
	1987	NO MARK			29,181,000	29,181,000	21,574,717	21,574,717	50,755,717
	1988	NO MARK			34,249,000	34,249,000	26,051,600	26,051,600	60,300,600
	1989	NO MARK			36,371,500	36,371,500	26,135,291	26,135,291	62,506,791
	1990	NO MARK			37,686,000	37,686,000	26,589,400	26,589,400	64,275,400
	1991	NO MARK			36,479,100	36,479,100			36,479,100
	TM	HIDDENFALLS91	3H				19,650,100	19,650,100	19,650,100
	1992	NO MARK					25,912,100	25,912,100	25,912,100
	TM	HIDDENFALLS92	3H		36,530,800	36,530,800			36,530,800
	1993	NO MARK					27,067,798	27,067,798	27,067,798
	TM	HIDDENFALLS93	3H		33,155,175	33,155,175			33,155,175
	1994	NO MARK					33,854,350	33,854,350	33,854,350
	TM	HIDDENFALLS94	3H		37,035,400	37,035,400			37,035,400
	1995	NO MARK					26,956,000	26,956,000	26,956,000
	TM	HIDDENFALLS95	3,3H		49,715,678	49,715,678			49,715,678
	1996	NO MARK					25,021,120	25,021,120	25,021,120
	TM	HIDDENFALLS96	3,4H		37,544,876	37,544,876			37,544,876
	1997	NO MARK					25,882,728	25,882,728	25,882,728
	TM	HIDDENFALLS97	3,3H		37,809,253	37,809,253			37,809,253
	1998	NO MARK					25,744,971	25,744,971	25,744,971
	TM	HIDDENFALLS98	3,3H		48,905,343	48,905,343			48,905,343
	1999	NO MARK					36,259,333	36,259,333	36,259,333
	TM	HIDDENFALLS99	3,3H		38,689,735	38,689,735			38,689,735
	2000	TM	HIDDENFALLS00		38,918,758	38,918,758			38,918,758
			TAKATZ00	4H			41,925,974	41,925,974	41,925,974
	2001	TM	HIDDENFALLS01		36,503,940	36,503,940			36,503,940
			TAKATZ01	3,2H			36,316,937	36,316,937	36,316,937
	2002	NO MARK					36,626,794	36,626,794	36,626,794
	TM	HIDDENFALLS02	3,3H		38,788,889	38,788,889			38,788,889
	2003	TM	HIDDENFALLS03		29,881,079	29,881,079			29,881,079
			HIDDENFALLS03LLG	4,3H	13,662,435	13,662,435			13,662,435
			TAKATZ03	4H			45,054,655	45,054,655	45,054,655
	2004	TM	HIDDENFALLS04		33,897,948	33,897,948			33,897,948
			HIDDENFALLS04LLG	3,5H	9,917,604	9,917,604			9,917,604
			TAKATZ04	3,2,2H			44,984,748	44,984,748	44,984,748
	2005	TM	HIDDENFALLS05		34,971,120	34,971,120			34,971,120
			HIDDENFALLS05LLG	1,3,2,1H	9,300,684	9,300,684			9,300,684
			TAKATZ05	3,1,2,1H			41,926,494	41,926,494	41,926,494
	2006	TM	HIDDENFALLS06		34,654,534	34,654,534			34,654,534
			HIDDENFALLS06LL	1,2,2,2H					
			TAKATZ06	3,3n,1H	9,252,243	9,252,243			9,252,243
				1,2,1,3H			44,395,047	44,395,047	44,395,047
Grand Total				42,132,966	867,335,297	909,468,263	657,180,157	657,180,157	1,566,648,420

Mark Code	Description
AD	Adipose fin clip, Coded-wire-tagged (CWT)
LV or RV	Left or Right Ventral fin clip
TM	Thermal mark (otolith mark)

Takatatz and Kasnyku Chum Releases by Mark Detail (2007-2022)

Species	CHUM
Stage	FED FRY

Sum of Total Released				Release Site	Size Group			KASNYKU BAY 112-11 Total	TAKATZ BAY 112-11		TAKATZ BAY 112-11 Total	Grand Total	
Year Brood	Mark Code	Mark ID	Thermal Mark Hatch Code	KASNYKU BAY 112-11			LATE LARGE		REGULAR				
2007	TM	HIDDENFALLS07	3,4nH	9,688,433		31,966,262		31,966,262				31,966,262	
		HIDDENFALLS07LL	1,2,4H										
		TAKATZ07	3,2n,2nH										
2008	NO MARK	HIDDENFALLS08	3,3,1H		41,302,992		41,302,992		42,828,059	42,828,059	42,828,059		
			HIDDENFALLS09									1,2,3H	
2009	TM	TAKATZ09	5n,2H		40,268,478		40,268,478		40,294,519	40,294,519	40,294,519		
			HIDDENFALLS10									4n,3H	
2010	TM	TAKATZ10	1,2,1,3H		37,630,694		37,630,694		39,039,177	39,039,177	39,039,177		
			HIDDENFALLS11									3,2n,2nH	
2011	TM	HIDDENFALLS11LL	3,2n,4nH	7,048,558	31,283,930		31,283,930			38,807,328	38,807,328	38,807,328	
			TAKATZ11										3,3,1H
			TAKATZ11LL										3,5nH
			HIDDENFALLS12										1,2,3H
2012	TM	HIDDENFALLS12LL	3,3,2H	6,508,719		28,358,647		28,358,647	13,453,301		13,453,301	28,358,647	
			TAKATZ12										5n,2H
			TAKATZ12LL										5n,4H
			HIDDENFALLS13										4n,3H
2013	TM	HIDDENFALLS13LL	4n,3,2nH	6,395,064		25,970,400		25,970,400	9,972,601		9,972,601	25,970,400	
			TAKATZ13										8n,2H
			TAKATZ13LL										6,3H
			HIDDENFALLS14LL										3,2n,4nH
2014	TM	HIDDENFALLS14	3,2n,2nH	6,513,515		23,868,519		23,868,519	10,420,817		10,420,817	23,868,519	
			TAKATZ14LL										3,5nH
			TAKATZ14										3,5,3H
			HIDDENFALLS15										1,2,3H
2015	TM	TAKATZ15	5n,2H		35,599,703		35,599,703		31,396,973	31,396,973	31,396,973		
			HIDDENFALLS15LL									3,3,2H	
			TAKATZ15LL									5n,4H	
			HIDDENFALLS16									8n,2H	
2016	TM	HIDDENFALLS16B	4n,3H		25,452,476		25,452,476		7,345,485		7,345,485	25,452,476	
			HIDDENFALLS16LL										6,3H
			HIDDENFALLS16LLB										4n,3,2nH
			HIDDENFALLS17										3,2n,2nH
2017	TM	HIDDENFALLS17B	3,2n,2nH4		14,633,344		14,633,344					14,633,344	
			HIDDENFALLS17LL										3n,5H
			HIDDENFALLS17LLB										3,2n,4nH
			HIDDENFALLS18										3,5H
2018	TM	HIDDENFALLS18LL	5n,4H		14,079,320		14,079,320					14,079,320	
			HIDDENFALLS18B										3,5-4H
			HIDDENFALLS18LLB										5N,4-4H
			HIDDENFALLS19B										8n,2H
2019	TM	HIDDENFALLS19	4n,3H		11,670,074		24,030,902					24,030,902	
			HIDDENFALLS20B										5,5H
2020	TM	HIDDENFALLS20	3,2n,2nH		12,054,608		23,976,532					23,976,532	
			HIDDENFALLS21										3,5H
2021	TM	HIDDENFALLS21B	4,4,4H		12,713,472		25,516,750					25,516,750	
			HIDDENFALLS22B										4H3
2022	TM	HIDDENFALLS22	4,3nH			9,748,774		13,010,843				13,010,843	
			HIDDENFALLS22LL										8n,2H
Grand Total				185,747,077	494,077,366	13,010,843	692,835,286	53,018,737	314,313,720	367,332,457	1,060,167,743		

Mark Code	Description
AD	Adipose fin clip; Coded-wire-tagged (CWT)
LV or RV	Left or Right Ventral fin clip
TM	Thermal mark (otolith mark)

Southeast Cove, Gunnuk Creek and Thomas Bay Chum Releases by Mark Detail (2012-2022)

Species	CHUM
Stage	FED FRY

Sum of Total Released				Release Site		Size Group		SE COVE 109-42 Total	GUNNUK CR 109-42		GUNNUK CR 109-42 Total	THOMAS BAY 110-12		THOMAS BAY 110-12 Total	Grand Total
Year Brood	Mark Code	Mark ID	Thermal Mark Hatch Code	SE COVE 109-42 LATE LARGE	REGULAR				LATE LARGE	REGULAR		LATE LARGE	REGULAR		
2012	TM	SECOVE12	8H	8,712,136				8,712,136							8,712,136
2013	TM	SECOVE13	3,3,2H	9,142,373				9,142,373							9,142,373
2014	TM	SECOVE14LL	4,3,3H	17,478,583				17,478,583							17,478,583
2015	TM	SECOVE15LL	8H	13,316,743				13,316,743							13,316,743
		SECOVE15	8,2H		29,441,527			29,441,527							29,441,527
2016	TM	HIDDENFALLS16	8n,2H									9,405,768		9,405,768	9,405,768
		HIDDENFALLS16B	4n,3H									5,343,729		5,343,729	5,343,729
		HIDDENFALLS16LL	6,3H									4,880,487		4,880,487	4,880,487
		HIDDENFALLS16LLB	4n,3,2nH									2,269,079		2,269,079	2,269,079
		SECOVE16	3,7H		29,183,809			29,183,809							29,183,809
		SECOVE16LL	3,4,3H	17,565,716				17,565,716							17,565,716
		SECOVE17	7,3H		27,367,140			27,367,140							27,367,140
		SECOVE17LL	4,3,3H	15,741,942				15,741,942							15,741,942
		THOMASBAY17	5,5H									12,952,470		12,952,470	12,952,470
		THOMASBAY17LL	5,5H3											9,303,427	9,303,427
		GUNNUKCREEK17	6,5NH						8,866,586		8,866,586	9,303,427		9,303,427	8,866,586
2018	TM	THOMASBAY18	5n,2H											6,881,163	6,881,163
		THOMASBAY18LL	3,3,2H									8,469,381		8,469,381	8,469,381
		SECOVE18	8,2H		17,074,771			17,074,771							17,074,771
		SECOVE18LL	8H	19,569,520				19,569,520							19,569,520
		GUNNUKCREEK18	7,4H							7,071,823	7,071,823				7,071,823
		GUNNUKCREEK18LL	3,3H3						8,785,255		8,785,255				8,785,255
2019	TM	SECOVE19	3,7H		20,068,712			20,068,712							20,068,712
		SECOVE19LL	3,4,3H	20,883,064				20,883,064							20,883,064
		GUNNUKCREEK19	4,7H							6,475,719	6,475,719				6,475,719
		GUNNUKCREEK19LL	6,3H						9,666,773		9,666,773				9,666,773
		THOMASBAY19	3,6nH										10,835,469	10,835,469	10,835,469
		THOMASBAY19LL	4,4,3H									10,562,842		10,562,842	10,562,842
2020	TM	THOMASBAY20	3,6H3									11,691,221		11,691,221	11,691,221
		SECOVE20LLC	2,3,4nH	9,422,108				9,422,108							9,422,108
		SECOVE20LLB	4,3,3H	9,249,448				9,249,448							9,249,448
		SECOVE20LLA	4,3H4	7,486,849				7,486,849							7,486,849
		SECOVE20	5,5H3		9,198,802			9,198,802							9,198,802
		GUNNUKCREEK20	6,5NH							9,222,376	8,344,163				17,566,539
2021	TM	GUNNUKCREEK21	3,1,3H								8,484,195				8,484,195
		SECOVE21	8,2H		17,710,505			17,710,505							17,710,505
		SECOVE21LL	8H	18,377,402				18,377,402							18,377,402
		THOMASBAY21	5n,2H											7,443,023	7,443,023
		THOMASBAY21LL	3,5,2H									7,403,776		7,403,776	7,403,776
2022	TM	SECOVE22LL	3,4,3H	21,167,654				21,167,654							21,167,654
		SECOVE22	3,7H		20,727,576			20,727,576							20,727,576
		THOMASBAY22	3,6nH									7,963,718		7,963,718	7,963,718
		THOMASBAY22LL	3,6,2H									11,954,645		11,954,645	11,954,645
Grand Total				188,113,538	170,772,842			358,886,380	36,540,990	30,375,900	66,916,890	66,534,858	60,825,340	127,360,198	553,163,468

Mark Code	Description
AD	Adipose fin clip; Coded-wire-tagged (CWT)
LV or RV	Left or Right Ventral fin clip
TM	Thermal mark (otolith mark)