

Kasnyku and Takatz Chum Releases by Size Group

Species Stage	CHUM FED FRY							
Sum of Total Released Year Brood	Release Site	Size Group		KASNYKU BAY 112-11 Total	TAKATZ BAY 112-11		TAKATZ BAY 112-11 Total	Grand Total
	KASNYKU BAY 112-11	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		19,250,000	19,250,000	40,390,000
1987		29,181,000		29,181,000		21,574,717	21,574,717	50,755,717
1988		34,249,000		34,249,000		26,051,600	26,051,600	60,300,600
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	31,996,973	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
2023	30,831,110	29,240,969		60,072,079	13,771,498	13,849,810	27,621,308	87,693,387
Grand Total	258,711,153	1,390,653,632	13,010,843	1,662,375,628	66,790,235	985,343,687	1,052,133,922	2,714,509,550

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

Species Stage	CHUM FED FRY										
Sum of Total Released Year Brood	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
	SE COVE 109-42	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		17,965,716	29,183,809	47,149,525				7,149,566	14,749,497	21,899,063	68,648,588
2017		15,741,942	27,967,140	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			11,691,221		11,691,221	64,614,967
2021		18,377,402	17,710,505	36,087,907	8,344,163			7,403,776	7,443,023	14,846,799	59,418,901
2022		21,167,654	20,727,576	41,895,230	8,484,195			11,954,645	7,963,718	19,918,363	61,813,593
2023		21,169,253	20,880,991	42,050,244				11,857,345	10,674,664	22,532,009	64,582,253
Grand Total	209,282,791	191,653,833	400,936,624	36,540,990	30,375,900	66,916,890	78,392,203	71,500,004	149,892,207	617,745,721	

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		TAKATZ BAY 112-11		Grand Total	
Year Brood	Mark Code	Mark ID	Thermal Mark Hatch Code	KASNYKU BAY 112-11		KASNYKU BAY 112-11 Total	TAKATZ BAY 112-11	TAKATZ BAY 112-11 Total	
				LATE LARGE	REGULAR		REGULAR		
1977	LV					15,711		15,711	
	NO MARK					196,840		196,840	
1978	NO MARK					1,889,184		1,889,184	
1979	AD					3,012,594		3,012,594	
	NO MARK					586,790		586,790	
1980	AD					652,195		652,195	
	NO MARK					8,361,743		8,361,743	
1981	AD					10,291,351		10,291,351	
1982	AD					18,909,761		18,909,761	
1983	AD					20,100,000		20,100,000	
1984	AD					21,530,000		21,530,000	
1985	AD					19,680,000		19,680,000	
1986	NO MARK					21,140,000	19,250,000	40,390,000	
1987	NO MARK					29,181,000	21,574,717	50,755,717	
1988	NO MARK					34,249,000	26,051,600	60,300,600	
1989	NO MARK					36,371,500	26,135,291	62,506,791	
1990	NO MARK					37,686,000	26,589,400	64,275,400	
1991	NO MARK					36,479,100		36,479,100	
	TM	HIDDENFALLS91	3H				19,650,100	19,650,100	
1992	NO MARK						25,912,100	25,912,100	
	TM	HIDDENFALLS92	3H			36,530,800		36,530,800	
1993	NO MARK						27,067,798	27,067,798	
	TM	HIDDENFALLS93	3H			33,155,175		33,155,175	
1994	NO MARK						33,854,350	33,854,350	
	TM	HIDDENFALLS94	3H			37,035,400		37,035,400	
1995	NO MARK						26,956,000	26,956,000	
	TM	HIDDENFALLS95	3,3H			49,715,678		49,715,678	
1996	NO MARK						25,021,120	25,021,120	
	TM	HIDDENFALLS96	3,4H			37,544,876		37,544,876	
1997	NO MARK						25,882,728	25,882,728	
	TM	HIDDENFALLS97	3,3H			37,809,253		37,809,253	
1998	NO MARK						25,744,971	25,744,971	
	TM	HIDDENFALLS98	3,3H			48,905,343		48,905,343	
1999	NO MARK						36,259,333	36,259,333	
	TM	HIDDENFALLS99	3,3H			38,689,735		38,689,735	
2000	TM	HIDDENFALLS00	3,3H			38,918,758		38,918,758	
		TAKATZ00	4H				41,925,974	41,925,974	
2001	TM	HIDDENFALLS01	3,3H			36,503,940		36,503,940	
		TAKATZ01	3,2H				36,316,937	36,316,937	
2002	NO MARK						36,626,794	36,626,794	
	TM	HIDDENFALLS02	3,3H			38,788,889		38,788,889	
2003	TM	HIDDENFALLS03	3,3H			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	
2004	TM	HIDDENFALLS04	4,2H			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	
2005	TM	HIDDENFALLS05	3,3,1H			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	
2006	TM	HIDDENFALLS06	1,2,2,2H			34,654,534		34,654,534	
		HIDDENFALLS06LL	3,3n,1H	9,252,243		9,252,243		9,252,243	
		TAKATZ06	1,2,1,3H				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)

Takatz 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	REGULAR			
2007	TM	HIDDENFALLS07	3,4nH				31,966,262					31,966,262	
		HIDDENFALLS07LL	1,2,4H		9,688,433			9,688,433				9,688,433	
		TAKATZ07	3,2n,2nH							42,828,059	42,828,059	42,828,059	
2008	NO MARK									40,294,519	40,294,519	40,294,519	
	TM	HIDDENFALLS08	3,3,1H				41,302,992	41,302,992				41,302,992	
	TM	HIDDENFALLS09	1,2,3H				40,268,478	40,268,478				40,268,478	
	TM	TAKATZ09	5n,2H						39,039,177	39,039,177		39,039,177	
2010	TM	HIDDENFALLS10	4n,3H				37,630,694	37,630,694				37,630,694	
	TM	TAKATZ10	1,2,1,3H						38,807,328	38,807,328		38,807,328	
2011	TM	HIDDENFALLS11	3,2n,2nH				31,283,930	31,283,930				31,283,930	
	TM	HIDDENFALLS11LL	3,2n,4nH		7,048,558			7,048,558				7,048,558	
	TM	TAKATZ11	3,3,1H						29,204,857	29,204,857		29,204,857	
	TM	TAKATZ11LL	3,5nH							13,453,301	13,453,301	13,453,301	
2012	TM	HIDDENFALLS12	1,2,3H				28,358,647	28,358,647				28,358,647	
	TM	HIDDENFALLS12LL	3,3,2H		6,508,719			6,508,719				6,508,719	
	TM	TAKATZ12	5n,2H						29,681,749	29,681,749		29,681,749	
	TM	TAKATZ12LL	5n,4H						9,972,601	9,972,601		9,972,601	
2013	TM	HIDDENFALLS13	4n,3H				25,970,400	25,970,400				25,970,400	
	TM	HIDDENFALLS13LL	4n,3,2nH		6,395,064			6,395,064				6,395,064	
	TM	TAKATZ13	8n,2H							32,028,756	32,028,756	32,028,756	
	TM	TAKATZ13LL	6,3H						10,420,817	10,420,817		10,420,817	
2014	TM	HIDDENFALLS14LL	3,2n,4nH		6,513,515			6,513,515				6,513,515	
	TM	HIDDENFALLS14	3,2n,2nH				23,868,519	23,868,519				23,868,519	
	TM	TAKATZ14LL	3,5nH							11,826,533	11,826,533	11,826,533	
	TM	TAKATZ14	3,5,3H							31,396,973	31,396,973	31,396,973	
2015	TM	HIDDENFALLS15	1,2,3H				35,599,703	35,599,703				35,599,703	
	TM	TAKATZ15	5n,2H							31,032,302	31,032,302	31,032,302	
	TM	HIDDENFALLS15LL	3,3,2H		10,419,637			10,419,637				10,419,637	
	TM	TAKATZ15LL	5n,4H						7,345,485	7,345,485		7,345,485	
2016	TM	HIDDENFALLS16	8n,2H				25,452,476	25,452,476				25,452,476	
	TM	HIDDENFALLS16B	4n,3H				27,859,277	27,859,277				27,859,277	
	TM	HIDDENFALLS16LL	6,3H		3,914,853			3,914,853				3,914,853	
	TM	HIDDENFALLS16LLB	4n,3,2nH		7,376,057			7,376,057				7,376,057	
2017	TM	HIDDENFALLS17	3,2n,2nH				14,633,344	14,633,344				14,633,344	
	TM	HIDDENFALLS17B	3,2n,2nH4				15,549,940	15,549,940				15,549,940	
	TM	HIDDENFALLS17LL	3n,5H		7,855,870			7,855,870				7,855,870	
	TM	HIDDENFALLS17LLB	3,2n,4nH		5,686,637			5,686,637				5,686,637	
2018	TM	HIDDENFALLS18	3,5H				14,079,320	14,079,320				14,079,320	
	TM	HIDDENFALLS18LL	5n,4H		6,915,531			6,915,531				6,915,531	
	TM	HIDDENFALLS18B	3,5-4H				18,013,326	18,013,326				18,013,326	
	TM	HIDDENFALLS18LLB	5N,4-4H		8,615,567			8,615,567				8,615,567	
2019	TM	HIDDENFALLS19B	8n,2H				11,670,074	11,670,074				11,670,074	
	TM	HIDDENFALLS19	4n,3H				12,360,828	12,360,828				12,360,828	
	TM	HIDDENFALLS19LL	4n,3H				12,691,227	12,691,227				12,691,227	
2020	TM	HIDDENFALLS20B	5,5H				13,050,766	13,050,766				13,050,766	
	TM	HIDDENFALLS20	3,2n,2nH				11,921,924	11,921,924				11,921,924	
2021	TM	HIDDENFALLS21	3,5H				13,147,843	13,147,843				13,147,843	
	TM	HIDDENFALLS21B	4,4,4H				12,803,278	12,803,278				12,803,278	
2022	TM	HIDDENFALLS22B	4H3										
	TM	HIDDENFALLS22	4,3nH						13,010,843	13,010,843		13,010,843	
	TM	HIDDENFALLS22LL	8n,2H				22,832,770	22,832,770				22,832,770	
2023	TM	HIDDENFALLS23	3,2n,2nH				16,009,797	16,009,797				16,009,797	
	TM	HIDDENFALLS23B	6,5nH				14,639,753	14,639,753				14,639,753	
	TM	TAKATZBAY23	5,5-3H				14,601,216	14,601,216				14,601,216	
	TM	TAKATZBAY23LL	7n,2H					29,422,529				29,422,529	
Grand Total					216,578,187		523,318,335	13,010,843	752,907,365	66,790,235	328,163,530	394,953,765	1,147,861,130

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		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	LATE LARGE	REGULAR				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
2017	TM	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																	
		THOMASBAY17LL	5,5H3												9,303,427		9,303,427			9,303,427
		GUNNUKCREEK17	6,5NH								8,866,586			8,866,586						8,866,586
2018	TM	THOMASBAY18	5n,2H														6,881,163		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
		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
		GUNNUKCREEK19LL	6,3H								9,666,773			9,666,773						9,666,773
		THOMASBAY19	3,6nH																	
		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			17,566,539
2021	TM	GUNNUKCREEK21	3,1,3H			17,710,505		17,710,505							8,484,195		8,484,195			8,484,195
		SECOVE21	8,2H																	17,710,505
		SECOVE21LL	8H		18,377,402			18,377,402												18,377,402
		THOMASBAY21	5n,2H																	
		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																	
		THOMASBAY22LL	3,6,2H												11,954,645		11,954,645			11,954,645
2023	TM	THOMASBAY23	3,3,3,4H												11,857,345		11,857,345			11,857,345
		SECOVE23LL	3,2n,2n-3H		21,169,253			21,169,253							10,674,664		10,674,664			22,532,009
		SECOVE23	7,3H			20,880,991		20,880,991												20,880,991
Grand Total					209,282,791	191,653,833		400,936,624	36,540,990	30,375,900		66,916,890	78,392,203	71,500,004		149,892,207		617,745,721		

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)