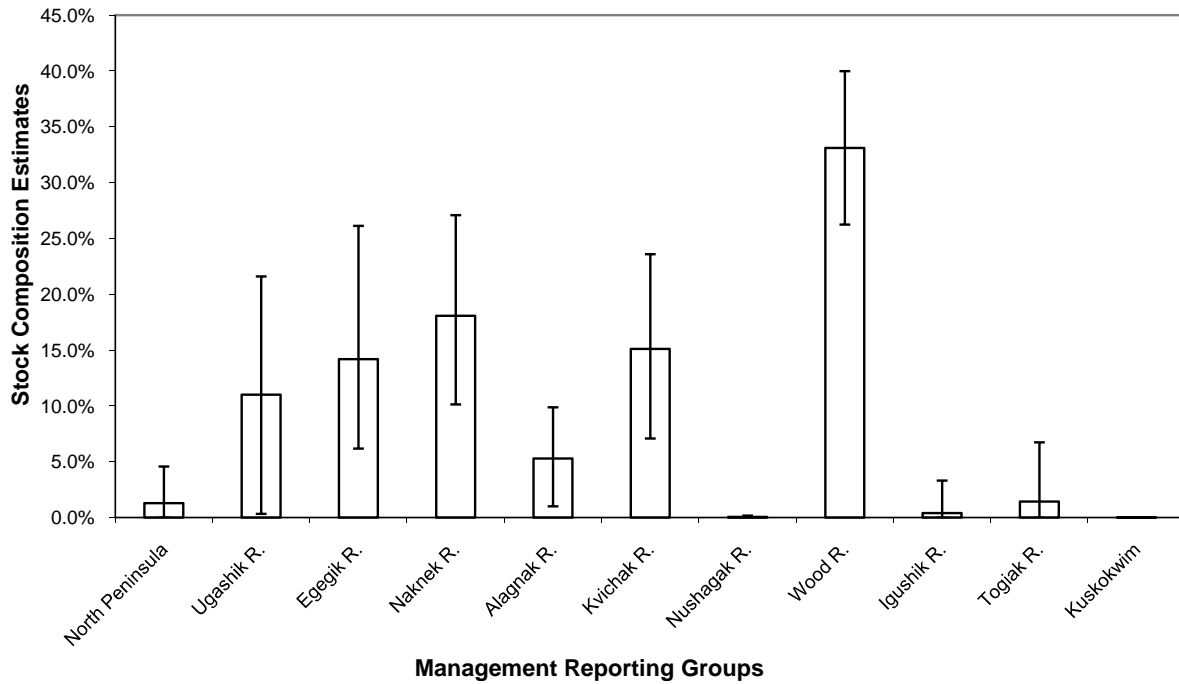


## Bristol Bay Salmon Fishery Port Moller Sockeye Salmon Stock Composition Summary July 4-5, 2010 - All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for July 4-5, 2010. A total of 415 fish were sampled and 190 were analyzed (190 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock Composition	90% Confidence Intervals	
	Estimate	Lower	Upper
North Peninsula	1.3%	0.0%	4.6%
Ugashik R.	11.0%	0.3%	21.6%
Egegik R.	14.2%	6.2%	26.1%
Naknek R.	18.1%	10.1%	27.1%
Alagnak R.	5.3%	1.0%	9.9%
Kvichak R.	15.1%	7.1%	23.6%
Nushagak R.	0.1%	0.0%	0.2%
Wood R.	33.1%	26.2%	40.0%
Igushik R.	0.4%	0.0%	3.3%
Togiak R.	1.4%	0.0%	6.7%
Kuskokwim	0.0%	0.0%	0.0%

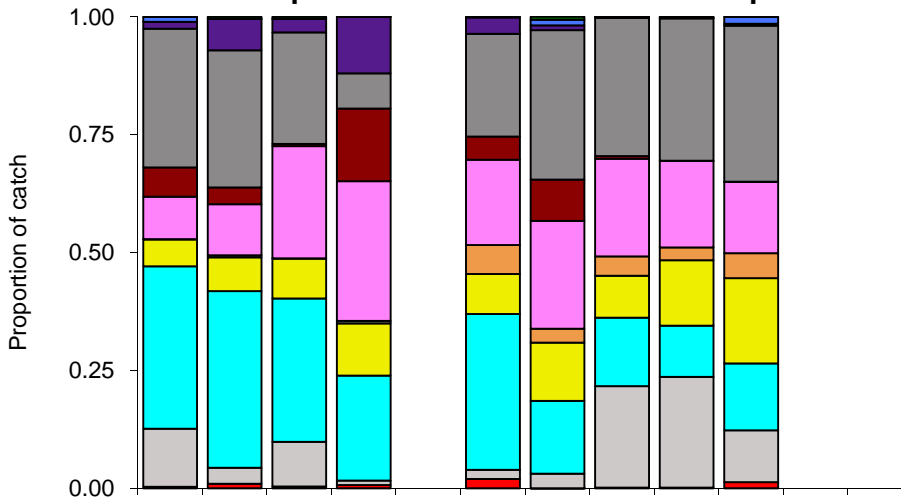
**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, July 4-5, 2010 (All Stations).**



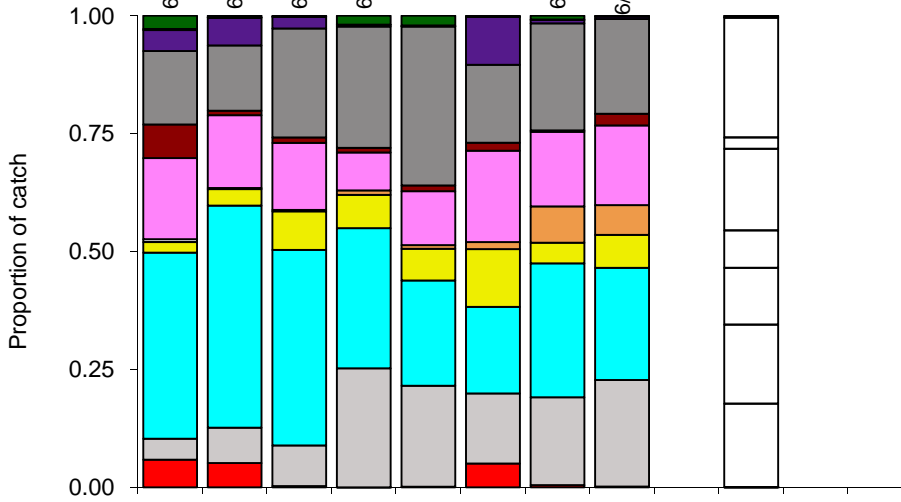
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

# Historical Comparison of Stock Composition Estimates

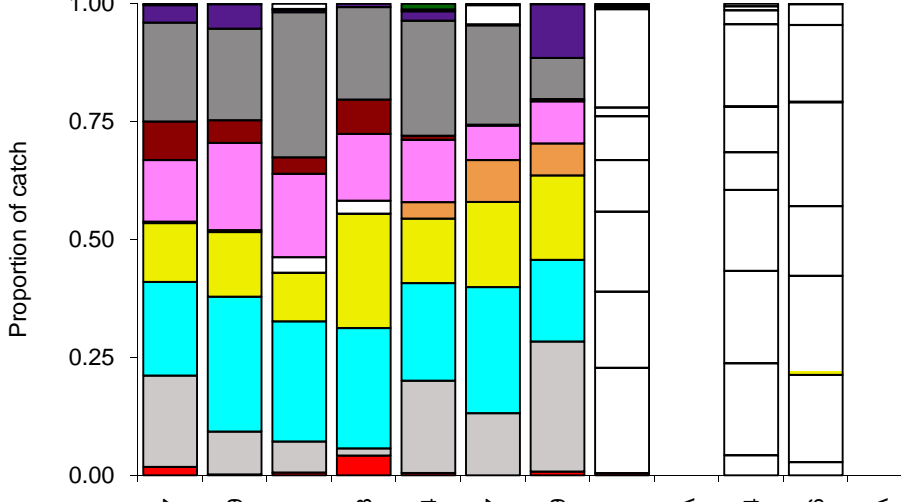
2010



2009

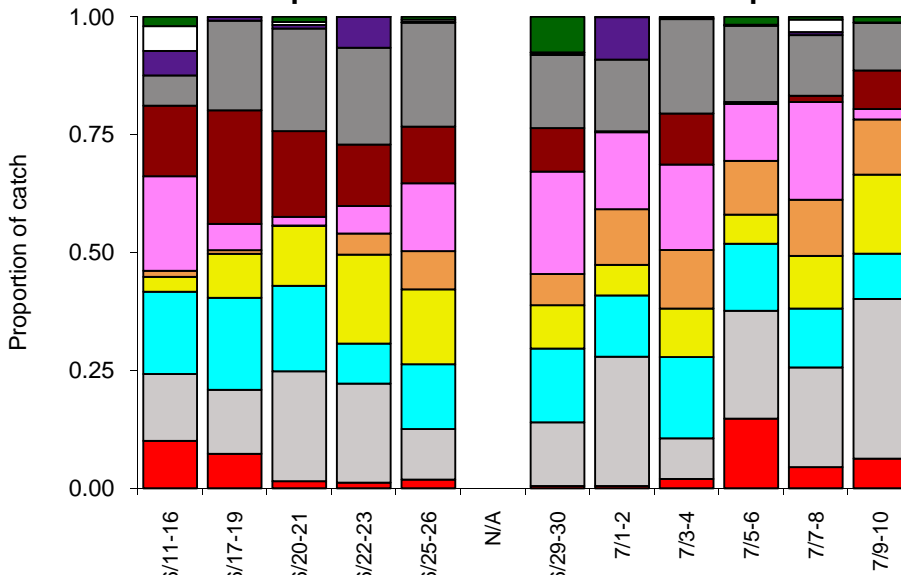


2008

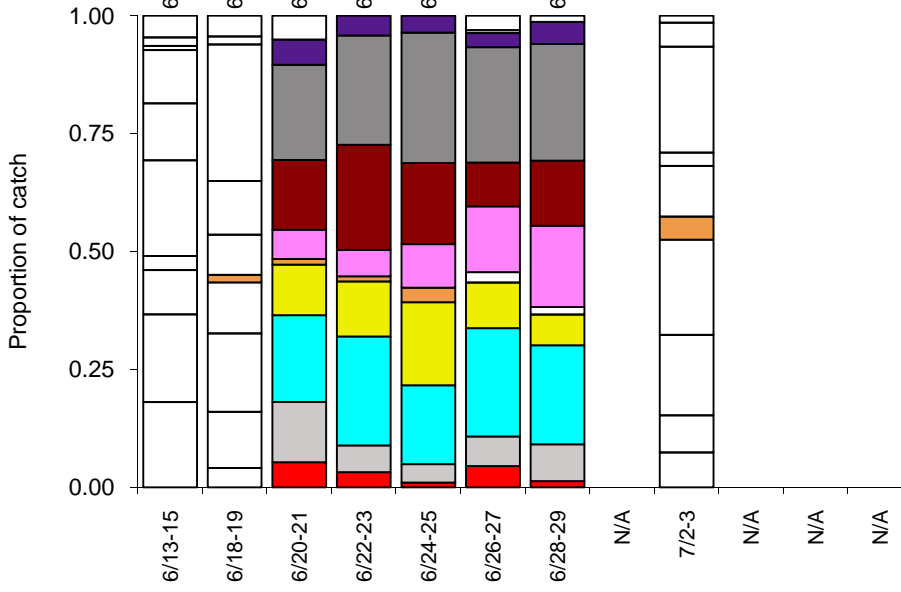


# Historical Comparison of Stock Composition Estimates

2007

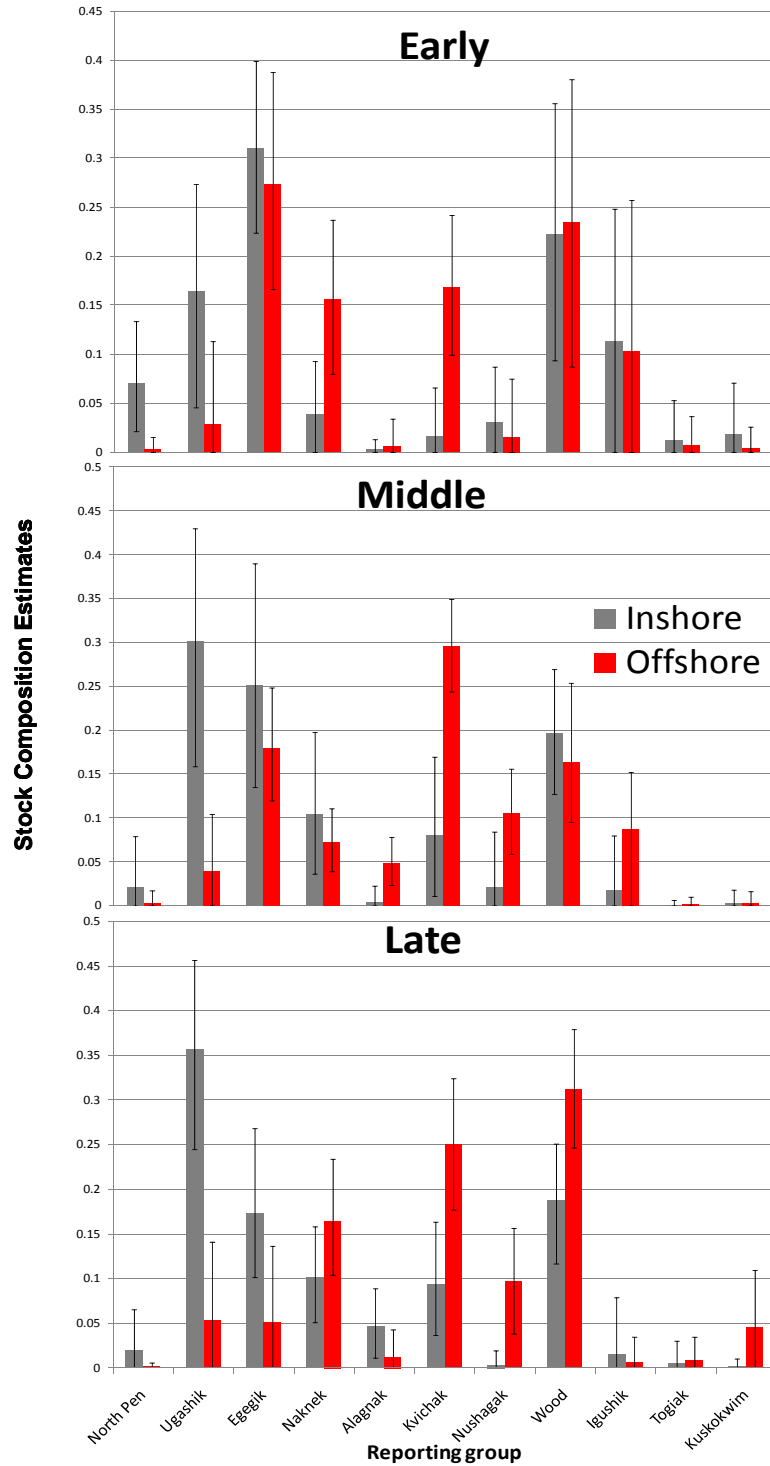


2006



### Bristol Bay Salmon Fishery Port Moller Sockeye Salmon Stock Composition Summary June 10-July 3, 2010 - By Station and Period

Summary of stock composition estimates observed Inshore (Stations 2 and 4) and Offshore (Stations 6, 8 and 10) during Early (June 10-20), Middle (June 21-28) and Late (June 29-July 3) time periods to date. Note that the Middle and Late periods roughly correspond to the first and second peaks of sockeye catch in the test fishery.



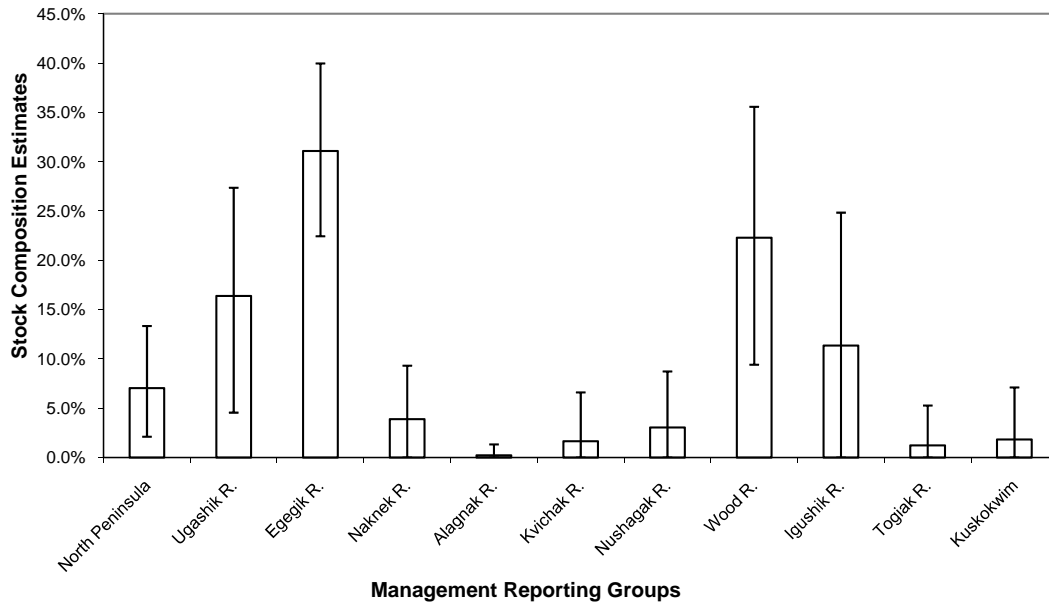
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

**Bristol Bay Salmon Fishery  
Port Moller Sockeye Salmon Stock Composition Summary  
June 10-20, 2010 - Stations 2 and 4**

Genetic stock composition estimates for sockeye salmon from Stations 2 and 4 of the Port Moller Test Fishery for June 10-20, 2010. A total of 281 fish were sampled and 186 were analyzed (186 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	7.0%	2.1%	13.3%
Ugashik R.	16.4%	4.6%	27.4%
Egegik R.	31.1%	22.4%	40.0%
Naknek R.	3.9%	0.0%	9.3%
Alagnak R.	0.2%	0.0%	1.3%
Kvichak R.	1.6%	0.0%	6.6%
Nushagak R.	3.0%	0.0%	8.7%
Wood R.	22.3%	9.4%	35.6%
Igushik R.	11.3%	0.0%	24.8%
Togiak R.	1.2%	0.0%	5.3%
Kuskokwim	1.8%	0.0%	7.1%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 10-20, 2010 (Stations 2 and 4).**



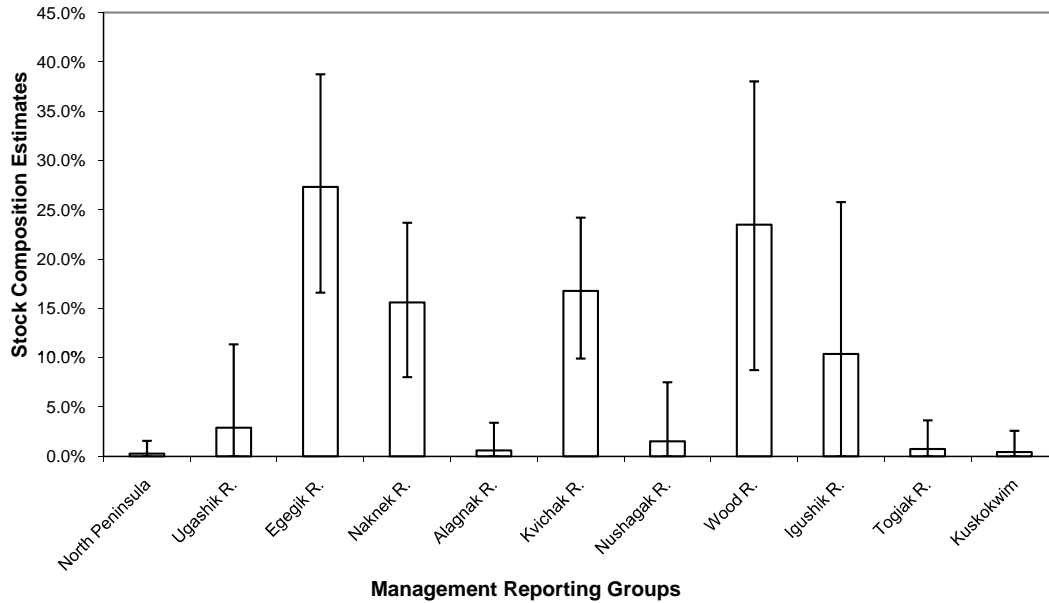
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

**Bristol Bay Salmon Fishery  
Port Moller Sockeye Salmon Stock Composition Summary  
June 10-20, 2010 - Stations 6, 8 and 10**

Genetic stock composition estimates for sockeye salmon from Stations 6, 8 and 10 of the Port Moller Test Fishery for June 10-20, 2010. A total of 273 fish were sampled and 194 were analyzed (194 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	0.3%	0.0%	1.6%
Ugashik R.	2.9%	0.0%	11.4%
Egegik R.	27.3%	16.6%	38.8%
Naknek R.	15.6%	8.0%	23.7%
Alagnak R.	0.6%	0.0%	3.4%
Kvichak R.	16.8%	9.9%	24.2%
Nushagak R.	1.5%	0.0%	7.5%
Wood R.	23.5%	8.8%	38.0%
Igushik R.	10.4%	0.0%	25.8%
Togiak R.	0.7%	0.0%	3.7%
Kuskokwim	0.4%	0.0%	2.6%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 10-20, 2010 (Stations 6, 8 and 10).**



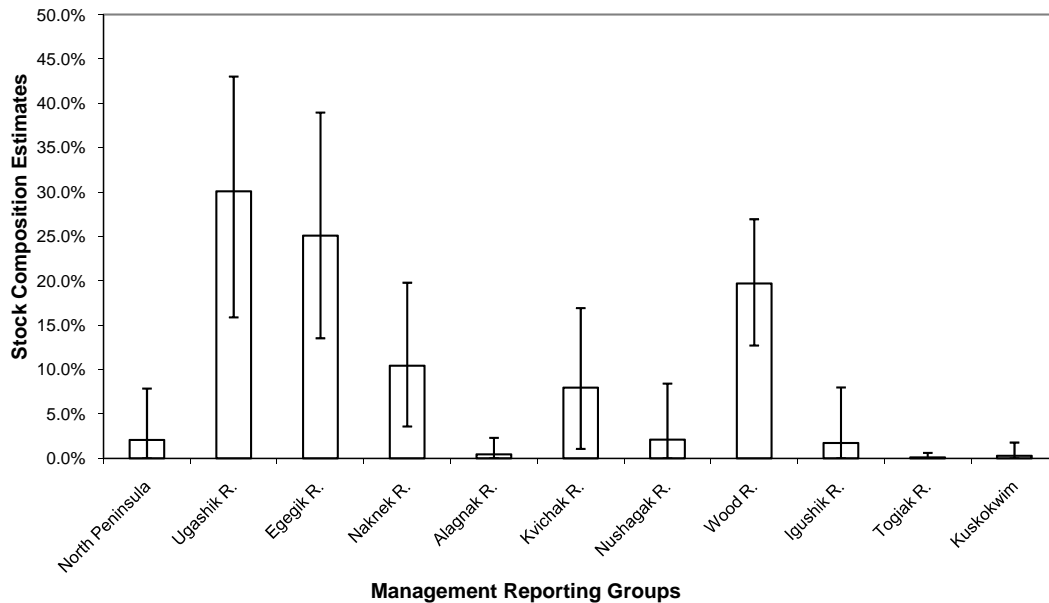
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

### Bristol Bay Salmon Fishery Port Moller Sockeye Salmon Stock Composition Summary June 21-28, 2010 - Stations 2 and 4

Genetic stock composition estimates for sockeye salmon from Stations 2 and 4 of the Port Moller Test Fishery for June 21-28, 2010. A total of 296 fish were sampled and 179 were analyzed (179 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	2.1%	0.0%	7.9%
Ugashik R.	30.1%	15.9%	43.0%
Egegik R.	25.1%	13.5%	39.0%
Naknek R.	10.4%	3.6%	19.8%
Alagnak R.	0.4%	0.0%	2.3%
Kvichak R.	8.0%	1.1%	16.9%
Nushagak R.	2.1%	0.0%	8.4%
Wood R.	19.7%	12.7%	26.9%
Igushik R.	1.7%	0.0%	8.0%
Togiak R.	0.1%	0.0%	0.6%
Kuskokwim	0.3%	0.0%	1.8%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 21-28, 2010 (Stations 2 and 4).**



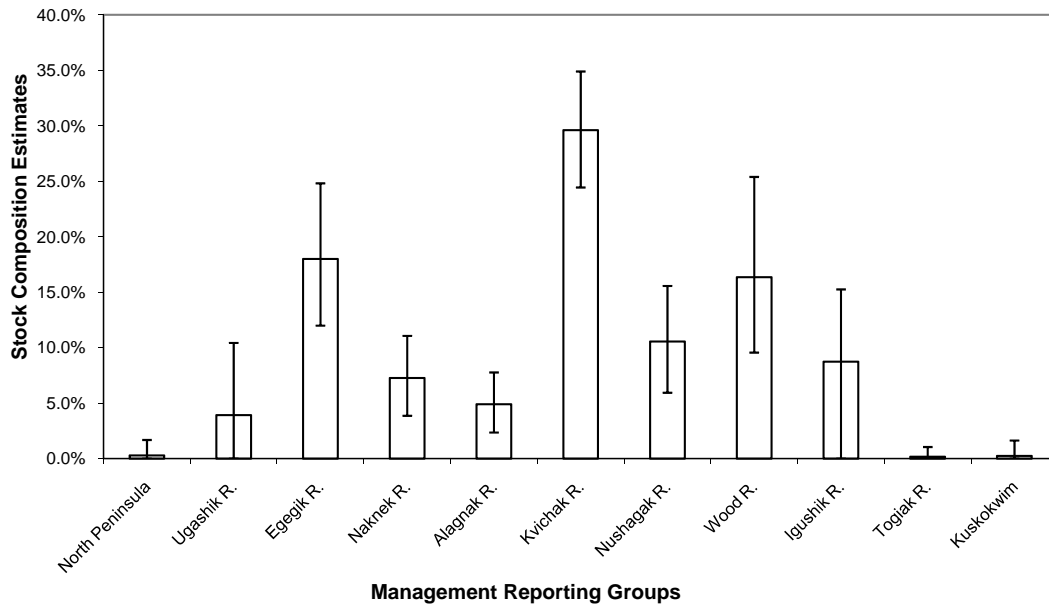
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

**Bristol Bay Salmon Fishery  
Port Moller Sockeye Salmon Stock Composition Summary  
June 21-28, 2010 - Stations 6, 8 and 10**

Genetic stock composition estimates for sockeye salmon from Stations 6, 8 and 10 of the Port Moller Test Fishery for June 21-28, 2010. A total of 1,074 fish were sampled and 458 were analyzed (455 had adequate data to include in the genetic analysis).

<b>Management Reporting Group</b>	<b>Stock Composition Estimate</b>	<b>90% Confidence Intervals</b>	
		<b>Lower</b>	<b>Upper</b>
North Peninsula	0.3%	0.0%	1.7%
Ugashik R.	3.9%	0.0%	10.4%
Egegik R.	18.0%	12.0%	24.8%
Naknek R.	7.3%	3.9%	11.1%
Alagnak R.	4.9%	2.4%	7.8%
Kvichak R.	29.6%	24.4%	34.9%
Nushagak R.	10.5%	5.9%	15.6%
Wood R.	16.4%	9.6%	25.4%
Igushik R.	8.7%	0.0%	15.3%
Togiak R.	0.2%	0.0%	1.0%
Kuskokwim	0.2%	0.0%	1.6%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 21-28, 2010 (Stations 6, 8 and 10).**



Laboratory.

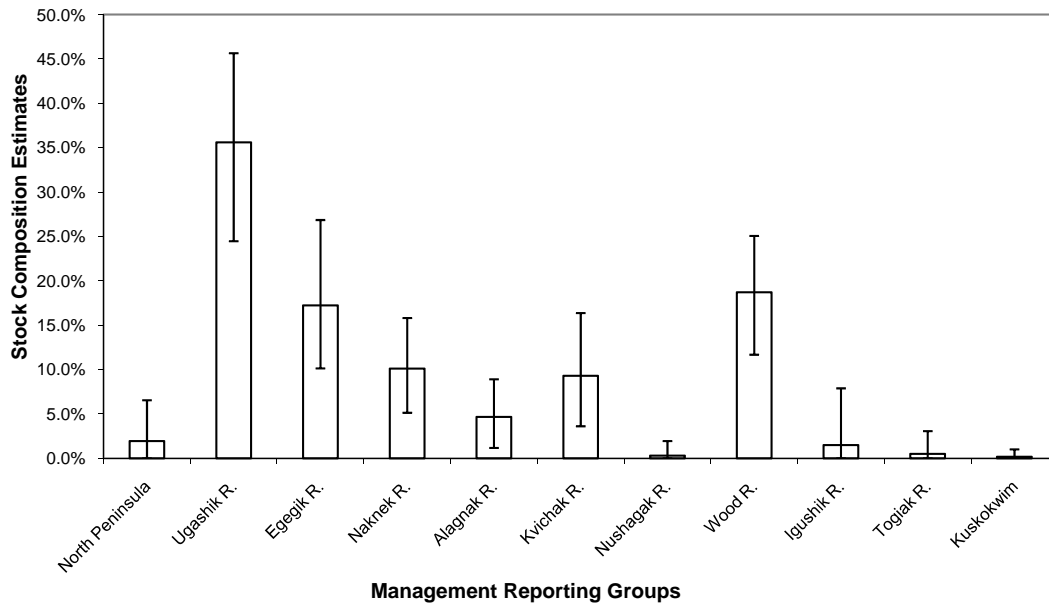


### Bristol Bay Salmon Fishery Port Moller Sockeye Salmon Stock Composition Summary June 29-July 3, 2010 - Stations 2 and 4

Genetic stock composition estimates for sockeye salmon from Stations 2 and 4 of the Port Moller Test Fishery for June 29-July 3, 2010. A total of 642 fish were sampled and 215 were analyzed (214 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock Composition Estimate	90% Confidence Intervals	
		Lower	Upper
North Peninsula	1.9%	0.0%	6.5%
Ugashik R.	35.6%	24.5%	45.7%
Egegik R.	17.2%	10.1%	26.9%
Naknek R.	10.1%	5.1%	15.8%
Alagnak R.	4.7%	1.2%	8.9%
Kvichak R.	9.3%	3.6%	16.4%
Nushagak R.	0.3%	0.0%	2.0%
Wood R.	18.7%	11.7%	25.1%
Igushik R.	1.5%	0.0%	7.9%
Togiak R.	0.5%	0.0%	3.1%
Kuskokwim	0.2%	0.0%	1.0%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 29-July 3, 2010 (Stations 2 and 4).**



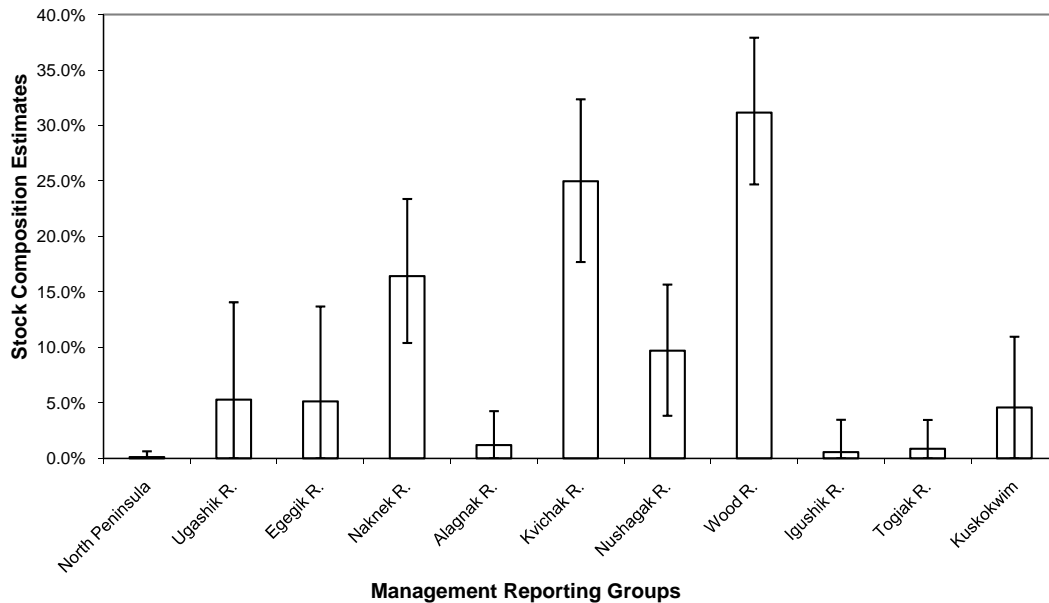
The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

**Bristol Bay Salmon Fishery  
Port Moller Sockeye Salmon Stock Composition Summary  
June 29-July 3, 2010 - Stations 6, 8 and 10**

Genetic stock composition estimates for sockeye salmon from Stations 6, 8 and 10 of the Port Moller Test Fishery for June 29-July 3, 2010. A total of 815 fish were sampled and 251 were analyzed (250 had adequate data to include in the genetic analysis).

Management Reporting Group	Stock Composition Estimate	90% Confidence Intervals	
		Lower	Upper
North Peninsula	0.1%	0.0%	0.6%
Ugashik R.	5.3%	0.0%	14.1%
Egegik R.	5.1%	0.0%	13.7%
Naknek R.	16.4%	10.4%	23.4%
Alagnak R.	1.2%	0.0%	4.3%
Kvichak R.	25.0%	17.7%	32.4%
Nushagak R.	9.7%	3.8%	15.7%
Wood R.	31.2%	24.7%	37.9%
Igushik R.	0.6%	0.0%	3.5%
Togiak R.	0.9%	0.0%	3.5%
Kuskokwim	4.6%	0.0%	11.0%

**Genetic Stock Composition Estimates for Sockeye Salmon at the Port Moller Test Fishery, June 29-July 3, 2010 (Stations 6, 8 and 10).**



The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.