Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary
July 7–8, 2016 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for July 7–8, 2016. A total of 404 fish were sampled and 190 were analyzed (179 had adequate data to include in the analysis).

<table>
<thead>
<tr>
<th>Reporting Group</th>
<th>Stock Composition Estimate</th>
<th>90% Confidence Intervals</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Peninsula</td>
<td>0.5%</td>
<td>0.0% – 3.0%</td>
</tr>
<tr>
<td>Ugashik</td>
<td>34.5%</td>
<td>19.7% – 48.4%</td>
</tr>
<tr>
<td>Egegik</td>
<td>17.8%</td>
<td>7.8% – 31.7%</td>
</tr>
<tr>
<td>Naknek</td>
<td>9.4%</td>
<td>3.1% – 17.7%</td>
</tr>
<tr>
<td>Alagnak</td>
<td>18.8%</td>
<td>12.0% – 26.2%</td>
</tr>
<tr>
<td>Kvichak</td>
<td>4.7%</td>
<td>0.0% – 14.6%</td>
</tr>
<tr>
<td>Nushagak</td>
<td>0.5%</td>
<td>0.0% – 3.5%</td>
</tr>
<tr>
<td>Wood</td>
<td>2.7%</td>
<td>0.0% – 9.5%</td>
</tr>
<tr>
<td>Igushik</td>
<td>6.1%</td>
<td>0.0% – 12.4%</td>
</tr>
<tr>
<td>Togiak</td>
<td>0.0%</td>
<td>0.0% – 0.0%</td>
</tr>
<tr>
<td>Kuskokwim</td>
<td>5.0%</td>
<td>0.0% – 9.2%</td>
</tr>
</tbody>
</table>

Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, July 7–8, 2016 (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**

**2013**

```
Date   North Peninsula  Ugashik  Egegik  Naknek  Alagnak  Kvichak  Nushagak  Wood  Igushik  Togiak  Kuskokwim
6/10-17  0.00     0.20     0.40     0.60     0.80     1.00
6/18-19  0.00     0.20     0.40     0.60     0.80     1.00
6/20-21  0.00     0.20     0.40     0.60     0.80     1.00
6/23-24  0.00     0.20     0.40     0.60     0.80     1.00
6/25-26  0.00     0.20     0.40     0.60     0.80     1.00
6/27-28  0.00     0.20     0.40     0.60     0.80     1.00
6/30-7/1  0.00     0.20     0.40     0.60     0.80     1.00
```

**2012**

```
Date   North Peninsula  Ugashik  Egegik  Naknek  Alagnak  Kvichak  Nushagak  Wood  Igushik  Togiak  Kuskokwim
6/10-17  0.00     0.20     0.40     0.60     0.80     1.00
6/18-19  0.00     0.20     0.40     0.60     0.80     1.00
6/20-21  0.00     0.20     0.40     0.60     0.80     1.00
6/23-24  0.00     0.20     0.40     0.60     0.80     1.00
6/25-26  0.00     0.20     0.40     0.60     0.80     1.00
6/27-28  0.00     0.20     0.40     0.60     0.80     1.00
6/30-7/1  0.00     0.20     0.40     0.60     0.80     1.00
```

**2011**

```
Date   North Peninsula  Ugashik  Egegik  Naknek  Alagnak  Kvichak  Nushagak  Wood  Igushik  Togiak  Kuskokwim
6/10-15  0.00     0.20     0.40     0.60     0.80     1.00
6/17-19  0.00     0.20     0.40     0.60     0.80     1.00
6/20-21  0.00     0.20     0.40     0.60     0.80     1.00
6/22-23  0.00     0.20     0.40     0.60     0.80     1.00
6/24-25  0.00     0.20     0.40     0.60     0.80     1.00
6/30-7/1  0.00     0.20     0.40     0.60     0.80     1.00
```

**Date**

Reported as of: July 11, 2016
5:00 PM
Historical Comparison of Stock Composition Estimates

**2010**

**2009**

**2008**

Date

Proportion of Catch

- North Peninsula
- Ugashik
- Egegik
- Naknek
- Alagnak
- Kvichak
- Nushagak
- Wood
- Igushik
- Togiak
- Kuskokwim

Reported as of: July 11, 2016 5:00 PM