

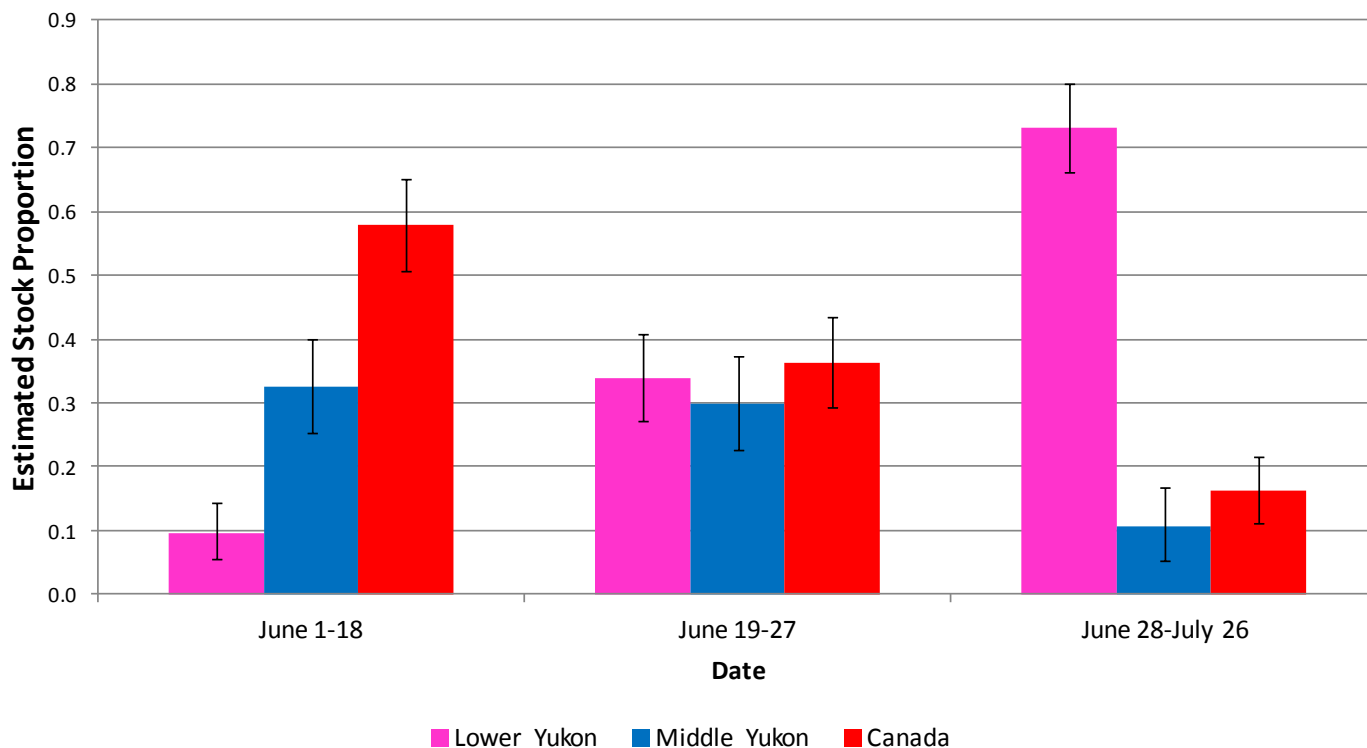
# Pilot Station post-season MSA 2011

Stratum 1-3 chosen to characterize the pulses of Chinook salmon passing the Pilot Station sonar site.

Reporting Group	Stratum 1 June 1-18 N = 190				Stratum 2 June 19-27 N = 196				Stratum 3 June 28-July 26 N = 177			
	Est	S.D.	CV	90% CI	Est	S.D.	CV	90% CI	Est	S.D.	CV	90% CI
<b>Country</b>												
United States	0.420	0.044	0.105	(0.348-0.493)	0.636	0.043	0.067	(0.565-0.706)	0.839	0.032	0.038	(0.784-0.888)
Canada	0.580	0.044	0.076	(0.507-0.652)	0.364	0.043	0.118	(0.294-0.435)	0.161	0.032	0.197	(0.112-0.216)
<b>Broad-scale</b>												
Lower Yukon	0.096	0.027	0.281	(0.055-0.143)	0.338	0.041	0.121	(0.272-0.407)	0.731	0.042	0.058	(0.660-0.800)
Middle Yukon	0.324	0.045	0.138	(0.253-0.400)	0.298	0.045	0.152	(0.226-0.375)	0.107	0.035	0.322	(0.054-0.167)
Canada	0.580	0.044	0.076	(0.507-0.652)	0.364	0.043	0.118	(0.294-0.435)	0.161	0.032	0.197	(0.112-0.216)
<b>Fine-scale</b>												
Lower Yukon	0.096	0.027	0.281	(0.055-0.143)	0.338	0.041	0.121	(0.272-0.407)				
Tanana	0.285	0.049	0.173	(0.203-0.365)	0.146	0.040	0.275	(0.083-0.215)				
Koyukuk	0.021	0.034	1.560	(0.000-0.095)	0.026	0.033	1.269	(0.000-0.094)				
Upper U.S.	0.017	0.028	1.623	(0.000-0.080)	0.126	0.040	0.322	(0.063-0.196)				
Border	0.178	0.037	0.208	(0.120-0.242)	0.012	0.018	1.445	(0.000-0.049)				
Pelly	0.185	0.053	0.289	(0.101-0.276)	0.109	0.051	0.468	(0.005-0.191)				
Carmacks	0.171	0.048	0.281	(0.095-0.252)	0.042	0.059	1.410	(0.000-0.171)				
Takhini	0.015	0.013	0.878	(0.000-0.041)	0.068	0.026	0.382	(0.029-0.114)				
Teslin	0.031	0.029	0.933	(0.000-0.086)	0.133	0.053	0.397	(0.043-0.218)				

Insufficient sample size

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the Pilot Station Test Fishery, 2011. Samples were stratified by date to correspond to the pulses of Chinook salmon passing the Pilot Station sonar site.



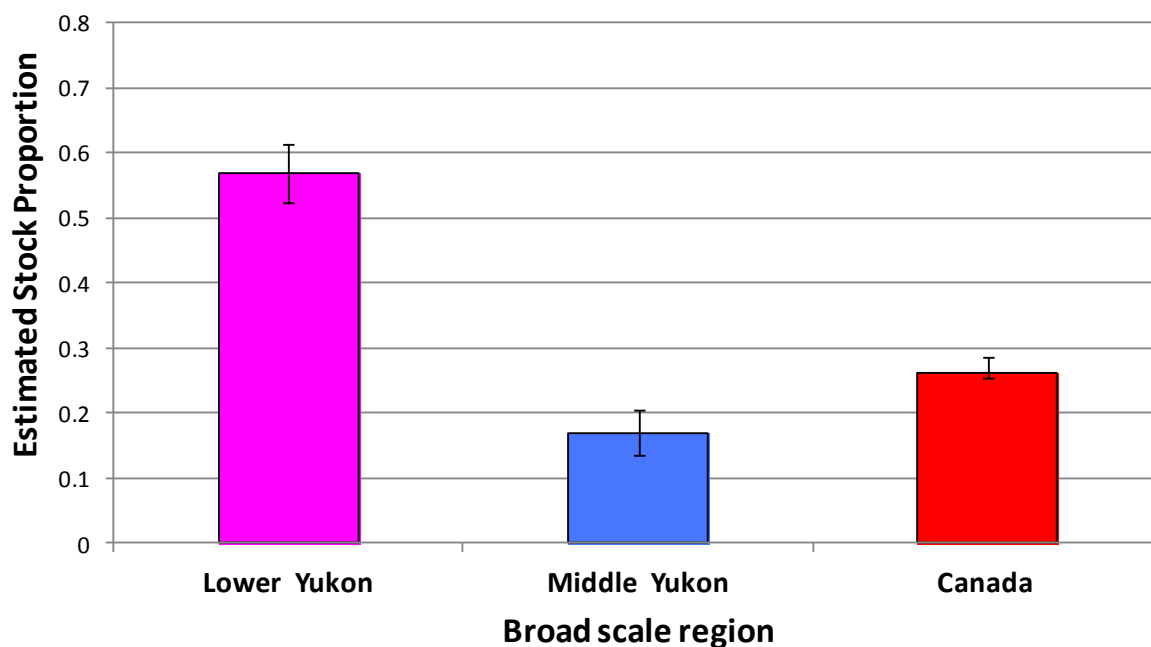
Note- Estimated proportional contributions of Chinook salmon, by time strata, of Chinook salmon passing the Pilot Station sonar site. Error bars note the 90% credibility intervals of the estimates.

# District Y-1 Commercial Harvest 2011

Samples collected from the incidental harvest of Chinook salmon in the District Y-1 commercial chum salmon fishery.

Reporting Group	District Y1 Commercial Fishery N = 485			
	Est	S.D.	CV	90% CI
Country				
United States	0.739	0.024	0.033	(0.699-0.778)
Canada	0.261	0.024	0.092	(0.222-0.301)
Broad-scale				
Lower Yukon	0.569	0.027	0.048	(0.524-0.614)
Middle Yukon	0.170	0.025	0.146	(0.131-0.212)
Canada	0.261	0.024	0.092	(0.222-0.301)
Fine-scale				
Lower Yukon	0.569	0.027	0.048	(0.524-0.614)
Tanana	0.096	0.021	0.223	(0.062-0.132)
Koyukuk	0.007	0.012	1.777	(0.000-0.034)
Upper U.S.	0.067	0.024	0.352	(0.032-0.109)
Border	0.007	0.011	1.454	(0.000-0.031)
Pelly	0.008	0.013	1.600	(0.000-0.037)
Carmacks	0.208	0.039	0.187	(0.136-0.264)
Takhini	0.016	0.012	0.700	(0.000-0.038)
Teslin	0.021	0.028	1.362	(0.000-0.083)

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-1 commercial fishery, 2011.

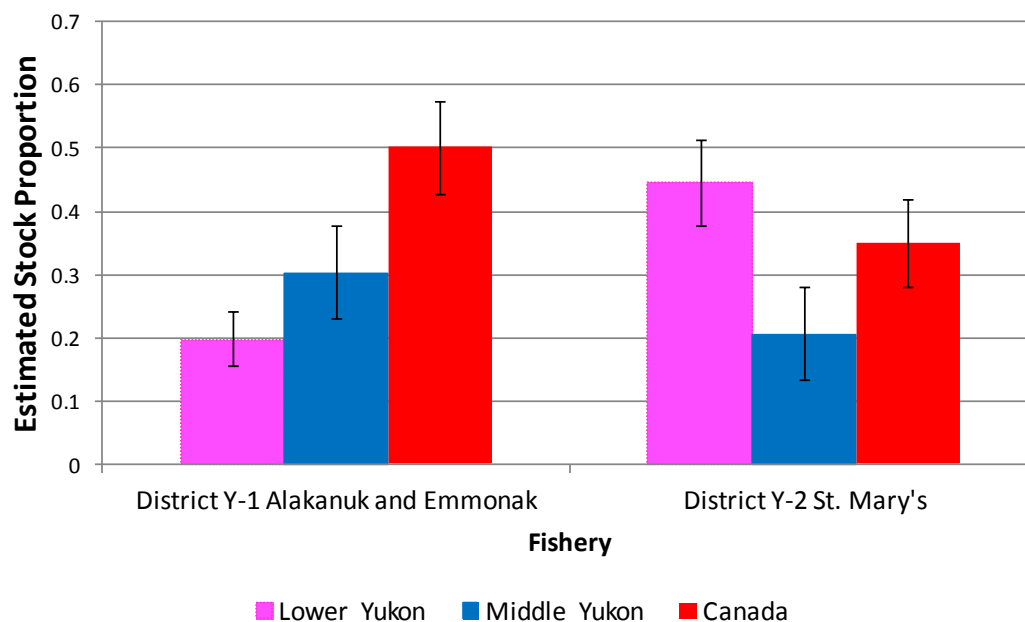


Note- Estimated proportional contributions of Chinook salmon caught in the District Y-1 commercial chum fishery. Error bars note the 90% credibility intervals of the estimates.

# District Y-1 and Y-2 Subsistence Harvest 2011

Reporting Group	District Y-1 Alakanuk and Emmonak				District Y-2 St. Mary's				
	June 5 - 29				June 12 - 20				
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	
Country					Country				
	N = 119				N = 198				
United States	0.498	0.053	0.107	(0.410-0.585)	0.650	0.040	0.061	(0.584-0.715)	
Canada	0.502	0.053	0.106	(0.415-0.590)	0.350	0.040	0.114	(0.285-0.416)	
Broad-scale									
Lower Yukon	0.196	0.044	0.225	(0.127-0.272)	0.445	0.041	0.093	(0.377-0.513)	
Middle Yukon	0.302	0.054	0.179	(0.215-0.393)	0.205	0.040	0.194	(0.143-0.273)	
Canada	0.502	0.053	0.106	(0.415-0.590)	0.350	0.040	0.114	(0.285-0.416)	
Fine-scale									
Lower Yukon	<i>Insufficient sample size</i>				<i>Insufficient sample size</i>				
Tanana									
Koyukuk									
Upper U.S.									
Border									
Pelly									
Carmacks									
Takhini									
Teslin									

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-1 subsistence fisheries, 2011.



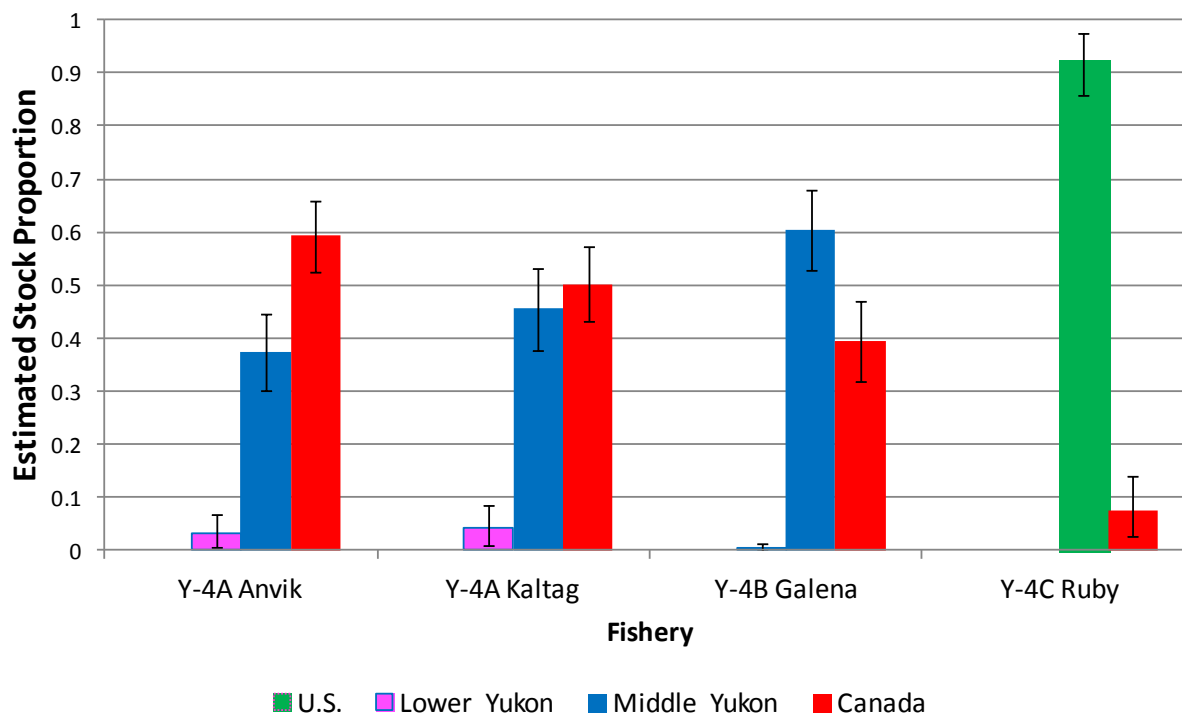
Note- Estimated proportional contributions of Chinook salmon caught in the District Y-1 subsistence fisheries. Error bars note the 90% credibility intervals of the estimates.

# District Y-4 Subsistence Harvest 2011

Reporting Group	Subdistrict Y-4A Anvik June 12 - 28				Subdistrict Y-4A Kaltag June 22 - July 14				Subdistrict Y-4B Galena June 15 - July 19			
	N = 236				N = 250				N = 238			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
<b>Country</b>												
United States	0.408	0.042	0.102	(0.340-0.476)	0.498	0.043	0.086	(0.427-0.568)	0.606	0.046	0.075	(0.531-0.682)
Canada	0.592	0.042	0.070	(0.524-0.660)	0.502	0.043	0.085	(0.432-0.573)	0.394	0.046	0.116	(0.318-0.469)
<b>Broad-scale</b>												
Lower Yukon	0.033	0.018	0.551	(0.008-0.067)	0.042	0.248	5.866	(0.009-0.085)	0.002	0.006	2.572	(0.000-0.014)
Middle Yukon	0.374	0.044	0.117	(0.302-0.446)	0.456	0.048	0.106	(0.379-0.533)	0.604	0.046	0.076	(0.528-0.680)
Canada	0.592	0.042	0.070	(0.524-0.660)	0.502	0.043	0.085	(0.432-0.573)	0.394	0.046	0.116	(0.318-0.469)
<b>Fine-scale</b>												
Lower Yukon	0.033	0.018	0.551	(0.008-0.067)	0.042	0.023	0.548	(0.009-0.085)	0.002	0.006	2.572	(0.000-0.014)
Tanana	0.231	0.048	0.207	(0.157-0.315)	0.378	0.047	0.123	(0.302-0.455)	0.556	0.048	0.087	(0.475-0.634)
Koyukuk	0.089	0.051	0.577	(0.000-0.171)	0.005	0.012	2.434	(0.000-0.031)	0.011	0.022	2.060	(0.000-0.057)
Upper U.S.	0.054	0.041	0.753	(0.000-0.125)	0.073	0.048	0.663	(0.000-0.157)	0.037	0.041	1.104	(0.000-0.117)
Border	0.052	0.026	0.500	(0.015-0.099)	0.021	0.027	1.255	(0.000-0.075)	0.117	0.035	0.296	(0.064-0.178)
Pelly	0.314	0.061	0.195	(0.214-0.416)	0.190	0.063	0.331	(0.086-0.294)	0.223	0.046	0.206	(0.148-0.299)
Carmacks	0.077	0.067	0.872	(0.000-0.193)	0.150	0.087	0.577	(0.000-0.285)	0.015	0.026	1.714	(0.000-0.072)
Takhini	0.019	0.014	0.707	(0.002-0.045)	0.014	0.017	1.243	(0.000-0.048)	0.004	0.006	1.614	(0.000-0.017)
Teslin	0.130	0.051	0.394	(0.058-0.223)	0.127	0.066	0.520	(0.039-0.248)	0.035	0.020	0.565	(0.006-0.070)

Subdistrict Y-4C Ruby June 20 - July 12				
N = 82				
Reporting Group	Est	S.D.	CV	90%CI
<b>Country</b>				
United States	0.924	0.036	0.039	(0.858-0.974)
Canada	0.076	0.036	0.474	(0.026-0.142)

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-4 subsistence fisheries, 2011. Sample sizes for subdistrict Y-4C, Ruby, were sufficient for Country-of-origin estimates only.

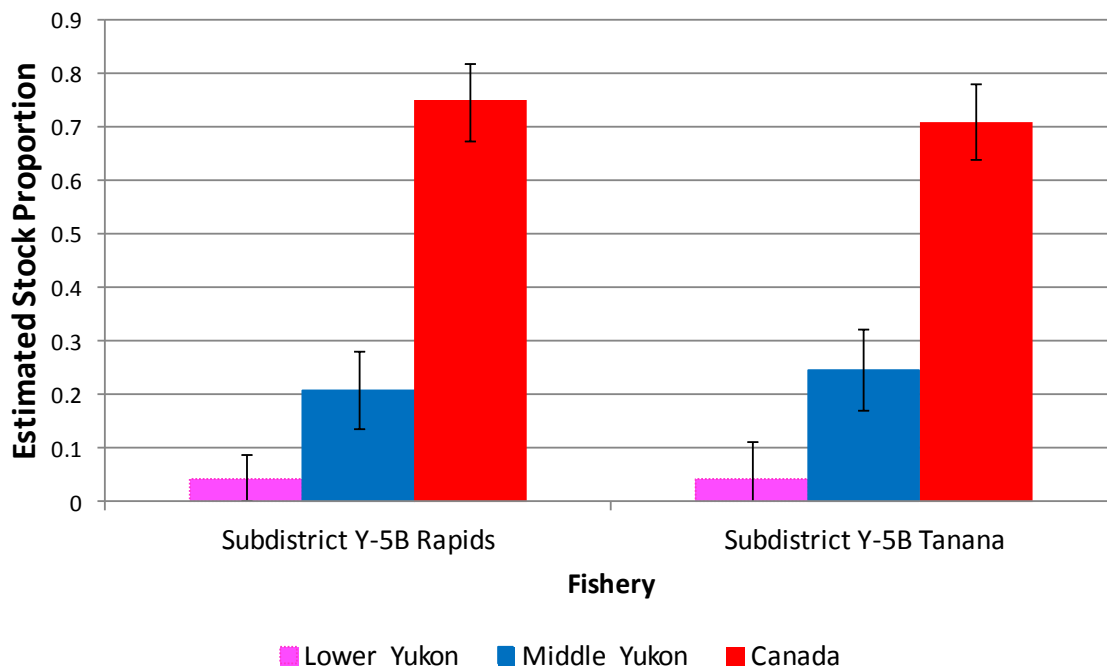


Note- Estimated proportional contributions of Chinook salmon caught in the District Y-4 subsistence fisheries. Error bars note the 90% credibility intervals of the estimates.

# District Y-5 Subsistence Harvest 2011

Reporting Group	Subdistrict Y-5B Rapids				Subdistrict Y-5B Tanana				
	June 29 - July 17				July 6 - 19				
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	
Country		N = 248				N = 239			
United States	0.250	0.039	0.156	(0.188-0.316)	0.289	0.038	0.131	(0.228-0.353)	
Canada	0.750	0.039	0.052	(0.684-0.812)	0.711	0.038	0.053	(0.647-0.772)	
Broad-scale		N = 248				N = 239			
Lower Yukon	0.043	0.019	0.445	(0.014-0.077)	0.044	0.016	0.366	(0.021-0.073)	
Middle Yukon	0.207	0.039	0.187	(0.146-0.274)	0.245	0.037	0.150	(0.186-0.307)	
Canada	0.750	0.039	0.052	(0.684-0.812)	0.711	0.038	0.053	(0.647-0.772)	
Fine-scale		N = 248				N = 239			
Lower Yukon	0.043	0.019	0.445	(0.014-0.077)	0.044	0.016	0.366	(0.021-0.073)	
Tanana	0.010	0.016	1.582	(0.000-0.044)	0.015	0.020	1.359	(0.000-0.058)	
Koyukuk	0.003	0.007	2.569	(0.000-0.017)	0.003	0.009	2.632	(0.000-0.020)	
Upper U.S.	0.194	0.039	0.199	(0.133-0.260)	0.227	0.040	0.178	(0.161-0.294)	
Border	0.058	0.033	0.566	(0.004-0.116)	0.006	0.013	1.983	(0.000-0.034)	
Pelly	0.093	0.068	0.726	(0.000-0.212)	0.087	0.068	0.790	(0.000-0.206)	
Carmacks	0.373	0.091	0.244	(0.207-0.503)	0.391	0.105	0.268	(0.219-0.563)	
Takhini	0.069	0.023	0.337	(0.034-0.110)	0.059	0.023	0.389	(0.025-0.100)	
Teslin	0.157	0.067	0.429	(0.070-0.286)	0.168	0.083	0.498	(0.045-0.308)	

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-5 subsistence fisheries, 2011.



Note- Estimated proportional contributions of Chinook salmon caught in the District Y-5 subsistence fisheries. Error bars note the 90% credibility intervals of the estimates.