

APPENDIX B.

ASDI 7

Abundance Indexing

Egegik District Test Fishing

2329

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Egegik District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current
Years with no data:
Sampling Frequency daily
Check if project is On-Going

WebSite:

DBFormat: Unknown

DataQuality Poor

Monitoring Tier Assignment: MT-1

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

A commercial drift gill net vessel test fishes as required in the Egegik District to index the abundance of sockeye salmon migrating into the district.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Project Leader Keith Weiland Area Management Biologist keith_weiland@fishgame.state.ak.us
 ADF&G Commercial Fisheries Anchorage AK (907) 267-2229

Agencies asociated with this Data Set:

Lead Agency Alaska Department of Fish & Game Commercial Fisheries (907) 267-2104
 333 Raspberry Rd. Anchorage AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A1	Relative index for adult abundance in coastal marine areas

Data are kept at agcy.
<i>Data are reported</i> Never
<i>Check if Meta Data are available:</i> <input type="checkbox"/>
<i>Check if Charge Money for Data:</i> <input type="checkbox"/>

Data may be accessed as follows:

Data generally not available

References:

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2
Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Egegik In-River Test Fishing

2897

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Egegik District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

ADF&G field crews fish a drift gill net in the Egegik River above the commercial district boundry. In-River test fishing "index points" or CPUE are correlated with the escapement passage rates at the counting tower located up river. The in-river test fishin index provides fishery managers with a abundance estimate of salmon that are committed to the river above the commercial district, but have not yet reached the counting tower.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Supervisor	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries		Anchorage	AK	
Project Leader	Fred West	Fishery Biologist			
	ADF&G Commercial Fisheries		Anchorage	AK	(907) 267-2237

Agencies asociated with this Data Set:

Lead Agency	Alaska Department of Fish & Game	Commercial Fisheries	(907) 246-3341
	P.O. Box 37	King Salmon	AK 99613

DDAP Category ID Objective

ABUNDANCE	A3	Relative abundance estimate for adult in river
DISTRIBUTION	DT7	Points of adult passage in river

Data are kept at agcy.
<i>Data are reported</i> As resources permit
<i>Check if Meta Data are available:</i> <input type="checkbox"/>
<i>Check if Charge Money for Data:</i> <input type="checkbox"/>

Data may be accessed as follows:

Data available via hardcopy

References:

Crawford, D. L., F. W. West, and L. F. Fair. 2002.

Bristol Bay sockeye salmon inriver test fishing, 2001. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 3A02-19, Anchorage.

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2

Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

West, Fred W., 2004.

Bristol Bay sockeye salmon inriver test fishing, 2003. Alaska Department of Fish and Game, Commercial Fisheries Division, RIR No. 2A04-02, Anchorage.

Kvichek In-River Test Fishing

2898

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

ADF&G field crews fish a drift gill net in the Kvichak River above the commercial district boundry. In-River test fishing "index points" or CPUE are correlated with the escapement passage rates at the counting tower located up river. The in-river test fishin index provides fishery managers with a abundance estimate of salmon that are committed to the river above the commercial district, but have not yet reached the counting tower.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Co-Leader	Slim Morstad	N/K Area Management Biol			
	ADF&G Commercial Fisheries		King Salmon	AK	(907) 246-3341
Project Leader	Fred West	Fishery Biologist			red_west@fishgame.state.ak.us
	ADF&G Commercial Fisheries		Anchorage	AK	(907) 267-2237

Agencies asociated with this Data Set:

Lead Agency	Alaska Department of Fish & Game	Commercial Fisheries	(907) 246-3341
	P.O. Box 37	King Salmon	AK 99613

DDAP Category ID Objective

ABUNDANCE	A3	Relative abundance estimate for adult in river
DISTRIBUTION	DT7	Points of adult passage in river

Data are kept at agcy.
<i>Data are reported</i> As resources permit
<i>Check if Meta Data are available:</i> <input type="checkbox"/>
<i>Check if Charge Money for Data:</i> <input type="checkbox"/>

Data may be accessed as follows:

Data available via hardcopy

References:

Crawford, D. L., F. W. West, and L. F. Fair. 2002.
Bristol Bay sockeye salmon inriver test fishing, 2001. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 3A02-19, Anchorage.

Fair, Lowell. 2003.
Critical Elements of Kvichak River Sockeye Salmon Management. Alaska Fishery Research Bulletin Vol, 10 No. 2. Alaska Department of Fish and Game, Juneau.

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2
Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

West, Fred W., 2004.
Bristol Bay sockeye salmon inriver test fishing, 2003. Alaska Department of Fish and Game, Commercial Fisheries Division, RIR No. 2A04-02, Anchorage.

Naknek/Kvichak District Test Fishing

2577

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

A commercial drift gill net vessel test fishes as necessary in the Naknek/Kvichak District to index the abundance of sockeye salmon migrating into the district.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Project Leader Slim Morstad N/K Area Management Biol
 ADF&G Commercial Fisheries King Salmon AK (907) 246-3341

Agencies asociated with this Data Set:

Lead Agency Alaska Department of Fish & Game Commercial Fisheries (907) 267-2104
 333 Raspberry Rd. Anchorage AK 99518

DDAP Category **ID** **Objective**

ABUNDANCE A1 Relative index for adult abundance in coastal marine areas

Data are kept at agcy.
Data are reported Never
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Data generally not available

References:

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2
Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Nushagak District Test Fishing

2607

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Nushagak District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

A commercial drift gill net vessel test fishes as required in the Nushagak District to index the abundance of sockeye salmon migrating into the district.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Project Leader: Tim Sands, Area Management Biologist
 ADF&G Commercial Fisheries, Dillingham, AK

Agencies associated with this Data Set:

Lead Agency: Alaska Department of Fish & Game Commercial Fisheries (907) 842-5227
 P.O. Box 230, Dillingham, AK 99576

DDAP Category ID Objective

ABUNDANCE A1 Relative index for adult abundance in coastal marine areas

Data are kept at agcy.

Data are reported Never

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Data generally not available

References:

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2

Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Nushagak In-River Test Fishing

2899

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Nushagak District

Site Selct Method: Geographic features

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Unknown

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

ADF&G field crews fish a drift gill net in the Nushagak River above the commercial district boundry. In-River test fishing "index points" or CPUE are correlated with the escapement passage rates at the counting station located up river. The in-river test fishin index provides fishery managers with a abundance estimate of salmon that are committed to the river above the commercial district, but have not yet reached the counting tower.

Species	Race	Life Stage	Form	Production	Target
Chinook		adult	anadromous	wild stock	target spec
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Project Leader	Tim Sands	Area Management Biologist		
	ADF&G Commercial Fisheries		Dillingham	AK
Project Leader	Fred West	Fishery Biologist		red_west@fishgame.state.ak.us
	ADF&G Commercial Fisheries		Anchorage	AK (907) 267-2237

Agencies asociated with this Data Set:

Lead Agency	Alaska Department of Fish & Game	Commercial Fisheries	(907) 842-5227
	P.O. Box 230	Dillingham	AK 99576

DDAP Category ID Objective

ABUNDANCE	A3	Relative abundance estimate for adult in river
DISTRIBUTION	DT7	Points of adult passage in river

Data are kept at agcy.

Data are reported As resources permit

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Data available via hardcopy

References:

Crawford, D. L., F. W. West, and L. F. Fair. 2002.

Bristol Bay sockeye salmon inriver test fishing, 2001. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 3A02-19, Anchorage.

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2

Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Port Moller Offshore Test Fishing

2649

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: All Bristol Bay

Site Selct Method: Stratified

Years Data Collected: 1967 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

A commercial gill net vessel test fishes daily along transect line extending offshore of Port Moller to index the abundance of sockeye salmon migrating into the Bristol Bay management area.

Species	Race	Life Stage	Form	Production	Target
Chinook		adult	anadromous	wild stock	incidental
Sockeye		adult	anadromous	wild stock	target spec
Pink		adult	anadromous	wild stock	incidental
Chum		adult	anadromous	wild stock	incidental

Contacts:

Co-Leader	Ray Hilborn	UW School of Fisheries	Seattle	WA	(206) 543-3587
Co-Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries		Anchorage	AK	
Project Leader	Michael Link	Executive Director -BBSRI			
	BBSRI		Dillingham	AK	(907) 562-3339

Agencies asociated with this Data Set:

Co-investgating Ag	University of Washington	School of Fisheries			
		Seattle	WA		
Collaborating Partn	Alaska Department of Fish & Game	Commercial Fisheries			(907) 267-2104
	333 Raspberry Rd.	Anchorage	AK	99518	
Lead Agency	Bristol Bay Science & Research Instit				(907) 842-4370
	P.O. Box 1464	Dillingham	AK	99576	

DDAP Category ID Objective

ABUNDANCE	A1	Relative index for adult abundance in coastal marine areas
DISTRIBUTION	DT6	Coastal adult distribution

Data are submitted to	ADF&G	Daily
Data are reported	As resources permit	
Check if Meta Data are available:	<input type="checkbox"/>	
Check if Charge Money for Data:	<input type="checkbox"/>	

Data may be accessed as follows:

- Special request via email or letter & provided electronically
- Data available via hardcopy
- Data generally not available

References:

Fair, L., 2003

2004 Bristol Bay Sockeye Salmon Forecast. ADF&G, Commercial Fisheries, Anchorage.
<http://www.cf.adfg.state.ak.us/region2/finfish/salmon/bbay/brbfor04.php>

Flinn, L., & R. Hilborn. 2003. (?)

Test Fishery indices for sockeye salmon as affected by age composition and environmental Variables. School of Aquatic and Fishery Sciences, Box 355020, University of Washington. Seattle. Canadian Journal of Fisheries and Aquatic Sciences 66. pp 80-92.

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2

Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Ugashik District Test Fishing

2806

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.:

Management Area: Bristol Bay

District: Ugashik District

Site Selct Method: Convenience

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Unknown

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

A commercial drift gill net vessel test fishes as required in the Ugashik District to index the abundance of sockeye salmon migrating into the district.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Project Leader Keith Weiland Area Management Biologist keith_weiland@fishgame.state.ak.us
 ADF&G Commercial Fisheries Anchorage AK (907) 267-2229

Agencies asociated with this Data Set:

Lead Agency Alaska Department of Fish & Game Commercial Fisheries (907) 267-2104
 333 Raspberry Rd. Anchorage AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A1	Relative index for adult abundance in coastal marine areas

Data are kept at agcy.
Data are reported Never
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Data generally not available

References:

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2
Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

Ugashik In-River Test Fishing

2900

Category: Abundance Indexing *A systematic capturing method often using commercial gear types to index abundance.*
Method: Test Fishing

Anad. Water No.: 322-10-10080

Management Area: Bristol Bay

District: Ugashik District

Site Selct Method: Convenience

Years Data Collected: 1980 to current

Years with no data:

Sampling Frequency daily

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality Poor

Sampling Location Shapefile: TestFish_Loc

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: TestFish_LAI

Polygon Geometry Shapefile: TestFish_PAI

Description

ADF&G field crews fish a drift gill net in the Ugashik River above the commercial district boundry. In-River test fishing "index points" or CPUE are correlated with the escapement passage rates at the counting tower located up river. The in-river test fishin index provides fishery managers with a abundance estimate of salmon that are committed to the river above the commercial district, but have not yet reached the counting tower.

Species	Race	Life Stage	Form	Production	Target
Sockeye		adult	anadromous	wild stock	target spec

Contacts:

Supervisor	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries	Anchorage	AK		
Project Leader	Fred West	Fishery Biologist	red_west@fishgame.state.ak.us		
	ADF&G Commercial Fisheries	Anchorage	AK (907) 267-2237		

Agencies asociated with this Data Set:

Lead Agency	Alaska Department of Fish & Game	Commercial Fisheries	(907) 246-3341
	P.O. Box 37	King Salmon	AK 99613

DDAP Category ID Objective

ABUNDANCE	A3	Relative abundance estimate for adult in river
DISTRIBUTION	DT7	Points of adult passage in river

Data are kept at agcy.

Data are reported As resources permit

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Data available via hardcopy

References:

Crawford, D. L., F. W. West, and L. F. Fair. 2002.

Bristol Bay sockeye salmon inriver test fishing, 2001. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 3A02-19, Anchorage.

Weiland, Morstad, Browning, Sands, Fair, & Crawford. 2

Bristol Bay 2002 Annual Management Report, ADF&G, Commercial Fisheries, Anchorage. RIR No. 2A03-18.

West, Fred W., 2004.

Bristol Bay sockeye salmon inriver test fishing, 2003. Alaska Department of Fish and Game, Commercial Fisheries Division, RIR No. 2A04-02, Anchorage.