

APPENDIX G.

ASDI 7

Derived

Alagnak sockeye allocated commercial harvest

2922

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Monitoring Tier Assignment: MT-1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Alagnak River sockeye salmon. The dataset includes the estimated total commercial harvest for Alagnak Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries	Anchorage	AK		
Co-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) 267-2104
	333 Raspberry Rd. Anchorage AK 99518	

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Alagnak sockeye allocated commercial harvest

2922

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Alagnak sockeye brood tables

2912

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Alagnak River sockeye salmon. The dataset includes the estimated total return by brood year for Alagnak Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2161) and escapement age data is sampled by beach seine at the tower site (ASDI 2892). Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Alagnak sockeye total return

2923

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Alagnak River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Alagnak Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Alagnak sockeye total return

2923

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Egegik sockeye allocated commercial harvest

2924

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Egegik River sockeye salmon. The dataset includes the estimated total commercial harvest for Egegik Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Egegik sockeye brood tables

2914

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Egegik River sockeye salmon. The dataset includes the estimated total return by brood year for Egegik Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2332) and escapement age data is sampled by beach seine at the tower site (ASDI 2330). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit

Egegik sockeye brood tables

2914

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Egegik sockeye total return

2925

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Egegik River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Egegik Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Egegik sockeye total return

2925

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Igushik sockeye allocated commercial harvest

2926

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Igushik River sockeye salmon. The dataset includes the estimated total commercial harvest for Igushik Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.
Data are reported Every 3 years
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Igushik sockeye brood tables

2917

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Igushik River sockeye salmon. The dataset includes the estimated total return by brood year for Igushik Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2409) and escapement age data is sampled by beach seine at the tower site (ASDI 2408). Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries		Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Igushik sockeye total return

2927

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Igushik River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Igushik Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Igushik sockeye total return

2927

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Kvichak sockeye allocated commercial harvest

2920

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Kvichak River sockeye salmon. The dataset includes the estimated total commercial harvest for Kvichak Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Kvichak sockeye allocated commercial harvest

2920

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2594 North Alaska Peninsula Comm Harvest
- 2909 North Peninsula Commercial Catch ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2784 Togiak River Escapement ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Kvichak sockeye brood tables

2908

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Kvichak River sockeye salmon. The dataset includes the estimated total return by brood year for Kvichak Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDT Record 2489) and escapement age data is sampled by beach seine at the tower site (ASDI 2487). Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2594 North Alaska Peninsula Comm Harvest
- 2909 North Peninsula Commercial Catch ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2784 Togiak River Escapement ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Kvichak sockeye total return

2921

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Kvichak River sockeye salmon. The dataset includes the estimated total commercial harvest for Kvichak Sockeye salmon plus escapement for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Kvichak sockeye total return

2921

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2784 Togiak River Escapement ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Naknek sockeye allocated commercial harvest

2928

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Naknek River sockeye salmon. The dataset includes the estimated total commercial harvest for Naknek Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.
Data are reported Every 3 years
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2594 North Alaska Peninsula Comm Harvest
- 2909 North Peninsula Commercial Catch ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Naknek sockeye brood tables

2913

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Naknek River sockeye salmon. The dataset includes the estimated total return by brood year for Naknek Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2576) and escapement age data is sampled by beach seine at the tower site (ASDI 2575). Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Naknek sockeye total return

2929

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Naknek River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Naknek Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Naknek and Kvichak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Naknek sockeye total return

2929

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2594 North Alaska Peninsula Comm Harvest
2909 North Peninsula Commercial Catch ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nushagak Chinook brood tables

2942

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Nushagak River Chinook salmon. The dataset includes the estimated total return by brood year for Nushagak Chinook salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have fair escapement, and good harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on sonar (ASDI Record 2609) and escapement age data is sampled by beach seine at the tower site (ASDI 2608). Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that Chinook salmon harvested in each district originated from the rivers within the district.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Nushagak Chinook brood tables

2942

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL
2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nushagak coho brood tables

2943

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Nushagak River coho salmon. The dataset includes the estimated total return by brood year for Nushagak coho salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have fair escapement, and good harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on sonar (ASDI Record 2609) and escapement age data is sampled by beach seine at the tower site (ASDI 2608). Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that cohok salmon harvested in the Nushagak district originated from the rivers within the district.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Nushagak coho brood tables

2943

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nushagak sockeye brood tables

2918

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Nushagak River sockeye salmon. The dataset includes the estimated total return by brood year for Nushagak Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on sonar (ASDI Record 2609) and escapement age data is sampled by beach seine at the tower site (ASDI 2608). Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Nushagak sockeye brood tables

2918

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL
2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nush-Mulchatna sockeye allocated commercial harvest

2930

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest for Nushagak River (including the Mulchatna) Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.
Data are reported Every 3 years
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004
Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.
Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nush-Mulchatna sockeye total return

2931

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest plus escapement for Nushagak River (including the Mulchatna) Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries		Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd. Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Nush-Mulchatna sockeye total return

2931

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nuyakuk sockeye allocated commercial harvest

2932

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest for Nuyakuk River Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries		Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd. Anchorage AK 99518	

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit

Nuyakuk sockeye allocated commercial harvest

2932

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Nuyakuk sockeye total return

2933

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest and escapement for Nuyakuk River Sockeye salmon for the specified years. This stock is considered to have good to fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Nuyakuk sockeye total return

2933

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Snake sockeye allocated commercial harvest

2934

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-2

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest for Snake (Nunavaugaluk) River Sockeye salmon for the specified years. This stock is considered to have fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Snake sockeye allocated commercial harvest

2934

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Snake sockeye total return

2935

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-2

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest plus escapement for Snake (Nunavaugaluk) River Sockeye salmon for the specified years. This stock is considered to have fair escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Snake sockeye total return

2935

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL
2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Togiak sockeye allocated commercial harvest

2936

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Togiak River sockeye salmon. The dataset includes the estimated total commercial harvest for Togiak Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Togiak sockeye allocated commercial harvest

2936

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2890 Togiak District Commercial Harvest ASL
- 2890 Togiak District Commercial Harvest ASL
- 2784 Togiak River Escapement ASL
- 2785 Togiak River Tower
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Togiak sockeye brood tables

2919

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Togiak River sockeye salmon. The dataset includes the estimated total return by brood year for Togiak Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2785) and escapement age data is sampled by beach seine at the tower site (ASDI 2784). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G	Commercial Fisheries	Anchorage	AK	
Co-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) 267-2104
	333 Raspberry Rd.	Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Togiak sockeye brood tables

2919

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2890 Togiak District Commercial Harvest ASL
- 2890 Togiak District Commercial Harvest ASL
- 2784 Togiak River Escapement ASL
- 2785 Togiak River Tower
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Togiak sockeye total return

2937

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Togiak River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Togiak Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Togiak sockeye total return

2937

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2890 Togiak District Commercial Harvest ASL
- 2890 Togiak District Commercial Harvest ASL
- 2784 Togiak River Escapement ASL
- 2785 Togiak River Tower
- 2889 Ugashik District Commercial Harvest ASL

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Ugashik sockeye allocated commercial harvest

2938

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Ugashik River sockeye salmon. The dataset includes the estimated total commercial harvest for Ugashikk Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Ugashik sockeye allocated commercial harvest

2938

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2332 Egegik River Tower
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2889 Ugashik District Commercial Harvest ASL
- 2808 Ugashik River Escapement ASL
- 2809 Ugashik River Tower

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>

Ugashik sockeye brood tables

2915

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Ugashik River sockeye salmon. The dataset includes the estimated total return by brood year for Ugashik Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2809) and escapement age data is sampled by beach seine at the tower site (ASDI 2808). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

Project Leader	Lowell Fair	Bristol Bay Research Projec			
	ADF&G Commercial Fisheries	Anchorage	AK		
Co-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) 267-2104
	333 Raspberry Rd. Anchorage	AK 99518

DDAP Category	ID	Objective
ABUNDANCE	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.
Data are reported Every 3 years
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2332 Egegik River Tower
- 2575 Naknek River Escapement ASL
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2889 Ugashik District Commercial Harvest ASL
- 2808 Ugashik River Escapement ASL
- 2809 Ugashik River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Ugashik sockeye total return

2939

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Ugashik River sockeye salmon. The dataset includes the estimated total commercial harvest plus escapement for Ugashikk Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Ugashik sockeye total return

2939

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Raw data sets incorporated in analysis for "Derived" data sets:

2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2332 Egegik River Tower
2575 Naknek River Escapement ASL
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2889 Ugashik District Commercial Harvest ASL
2808 Ugashik River Escapement ASL
2809 Ugashik River Tower

References:

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Wood sockeye allocated commercial harvest

2940

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest for Wood River Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.
Data are reported Every 3 years
Check if Meta Data are available:
Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

- 2892 Alagnak (Branch) River Escapement ASL
- 2161 Alagnak (Branch) River Tower
- 2888 Egegik District Commercial Harvest ASL
- 2330 Egegik River Escapement ASL
- 2408 Igushik River Escapement ASL
- 2409 Igushik River Tower
- 2487 Kvichak River Escapement ASL
- 2489 Kvichak River Tower
- 2575 Naknek River Escapement ASL
- 2576 Naknek River Tower
- 2887 Naknek/Kvichak Commercial Harvest ASL
- 2891 Nushagak District Commercial Harvest ASL
- 2608 Nushagak River Escapement ASL
- 2609 Nushagak River Sonar
- 2869 Snake River Tower
- 2735 South Alaska Peninsula Comm Harvest
- 2597 South Peninsula Commercial Catch ASL
- 2890 Togiak District Commercial Harvest ASL
- 2889 Ugashik District Commercial Harvest ASL
- 2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Wood sockeye brood tables

2916

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived data set is prepared as part of the analysis to establish the escapement goal for Wood River sockeye salmon. The dataset includes the estimated total return by brood year for Naknek Sockeye salmon for the specified years. Annual returns are further broken down by age class. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Escapement numbers are based on visual counts by a tower (ASDI Record 2846) and escapement age data is sampled by beach seine at the tower site (ASDI 2845). Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL
2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.

Wood sockeye total return

2941

Category: Derived *Data are derived from a variety of raw source data*

Method: Derived

Anad. Water No.:

Management Area: Bristol Bay

District: Naknek/Kvichak District

Site Selct Method: Geographic features

Years Data Collected: 1950 to current

Years with no data:

Sampling Frequency annual

Check if project is On-Going

WebSite:

DBFormat: Excel Table

DataQuality good

Sampling Location Shapefile: unassigned

Area of Inference

Monitoring Tier Assignment: MT-1

Line Geometry Shapefile: Derived_LAI

Polygon Geometry Shapefile: Derived_PA1

Description

This derived dataset includes the estimated total commercial harvest plus escapement for Wood River Sockeye salmon for the specified years. This stock is considered to have good escapement, harvest and age data by ADF&G. Available escapement, harvest and age data were compiled from research reports, management reports and unpublished historical databases. Harvest estimation is determined by catch location and age composition. Methods employed to separate Igushik, Wood and Nushagak stocks is described in (West 2003). Returns are based upon the assumption that sockeye salmon harvested in each district originated from the rivers within the district. Although this has been shown to not be true, the use of interception estimates obtained during 1983 - 1995 did not substantially change spawner-return relationships, (Fair et. al., 2004). Harvest components for the Area M June fishery are included.

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

Contacts:

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

Agencies associated 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	A2	True estimate for adult abundance coastal marine areas
PRODUCTIVITY	P10	Population growth rate (lambda)
PRODUCTIVITY	P11	Parent-progeny relationships (recruits per spawner, stock-recruit)

Wood sockeye total return

2941

Data are kept at agcy.

Data are reported Every 3 years

Check if Meta Data are available:

Check if Charge Money for Data:

Data may be accessed as follows:

Special request via email or letter & provided electronically

Raw data sets incorporated in analysis for "Derived" data sets:

2892 Alagnak (Branch) River Escapement ASL
2161 Alagnak (Branch) River Tower
2888 Egegik District Commercial Harvest ASL
2330 Egegik River Escapement ASL
2408 Igushik River Escapement ASL
2409 Igushik River Tower
2487 Kvichak River Escapement ASL
2489 Kvichak River Tower
2575 Naknek River Escapement ASL
2576 Naknek River Tower
2887 Naknek/Kvichak Commercial Harvest ASL
2891 Nushagak District Commercial Harvest ASL
2608 Nushagak River Escapement ASL
2609 Nushagak River Sonar
2869 Snake River Tower
2735 South Alaska Peninsula Comm Harvest
2597 South Peninsula Commercial Catch ASL
2890 Togiak District Commercial Harvest ASL
2889 Ugashik District Commercial Harvest ASL
2846 Wood River Tower

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>

Fair, L.F., B. G. Bue, R.A. Clark & J.J. Hasbrouck. 2004

Spawning escapement goal review of Bristol Bay Salmon Stocks. Regional Information Report No. 2A04-17. Alaska Department of Fish and Game, Commercial Fisheries, Anchorage, Alaska.

West, Fred, W., 2003.

Abundance, age, sex and size statistics for Pacific Salmon in Bristol Bay, 2002. Alaska Department of Fish and Game, Commercial Fisheries Division. RIR No. 2A03-23. Anchorage.