

**COMPILATION AND SUMMARY OF EX-
VESSEL FISH PRICES IN THE U.S. VIRGIN
ISLANDS, 1974/75 TO 2003/04**

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BACKGROUND

Ex-vessel fish prices are an important aspect of any commercial fishery. These fish prices are necessary when estimating the total value of commercial landings. In addition, if the price for a species drops too low, then it is not economical to harvest that species. If the price for a species increases dramatically, then many fishers will be enticed into the fishery for that species. Further, historic ex-vessel fish prices can be the basis for a fish price index as well as the basis for fish market demand and elasticity studies. This is applicable globally, as well as for the U.S. Virgin Islands.

Are the ex-vessel prices for fish increasing, decreasing, or remaining stable? These estimates can be compared with fishing effort, total landings, and number of licensed commercial fishers to provide a broader and more complete picture of the fishery.

The ex-vessel price of fish in the U.S. Virgin Islands can be different for each species, species group, catch by gear type, or for each fishing year (the fishing year in the USVI is from July to June). Ex-vessel price of fish have been reported in a variety of references (such as internal memos and annual grant reports). As part of an effort to compile, consolidate, and standardize historic commercial catch report data over the last few years, old commercial catch report data files, reports, and internal documents at Division of Fish and Wildlife were identified and organized. These materials contained information on the ex-vessel price of fish each year.

The objective of this report is to document ex-vessel prices of fish for the 1974/75 to 2003/2004 fishing years for the U.S. Virgin Islands. As mentioned above, the fishing year is defined as July to June. Therefore the 2002/03 fishing year is from June 2002 to July 2003.

METHODOLOGY

Sources of Information – There were a multitude of information sources for ex-vessel prices of fish in the USVI for any particular year.

1. Commercial Fisheries Landings Summary Reports – As part of the organization of old catch report files, old reports documenting and summarizing commercial fisheries landings were identified. These were organized and compiled by year. Many contained information on fish prices.
2. Commercial Catch Report Data Files – As part of the organization of old catch reports, all available commercial catch reports for the U.S. Virgin Islands from 1974/75 to 2002/03 are in the process of either being: (1) entered and proofed, (2) re-proofed, or (3) re-entered and re-proofed. In a few of these years (mid to late 1980's), fish prices or value of catch (associated with pounds landed) were reported.
3. DFW Internal Files – In addition to #1 and #2 above, as part of the organization of old catch reports, all files that contained information on commercial catch reports for the

U.S. Virgin Islands were identified and examined. Information on ex-vessel fish prices was sometimes included in these files.

4. 2002/03 and 2003/04 Fish Prices – In December 2003, DFW conducted a short survey of selected commercial fishers in St. Thomas/St. John and St. Croix. Four St. Thomas/St. John commercial fishers were asked about species group prices in December 2002 and December 2003. Five St. Croix commercial fishers were asked about fish group prices in December 2002 and December 2003. Results of these surveys are documented here.

Comparison of Ex-Vessel Fish Prices – Each of the above sources of data was examined and reviewed. All of the information identified was reviewed and compiled by fishing year and district (see Appendix 1 for St. Thomas/St. John and Appendix 2 for St. Croix).

1. Commercial Fisheries Landings Summary Reports – All available commercial fisheries landings summary reports were reviewed. Any that contained information on fish prices were identified and fish prices were extracted and included in Appendices 1 and 2 (see also References Cited section below).
2. Commercial Catch Report Data Files – All available commercial catch report data files were examined for fish price and landings values. Those that contained fish prices and landed values were identified (mid to late 1980's). For these years, fish landed value was recorded by gear type (the values of trap fish landed or net fish landed were indicated). If only landed values and pounds landed were indicated, fish prices (by gear type) could be calculated based on these two numbers (fish price = value of catch/pounds landed). For those years that contained fish price information, a spreadsheet was created for each fishing year. Up to ten fish prices were collected for each gear type for a district and fishing year. These were the basis for calculating a price for each gear type.
3. DFW Internal Files – All available internal files related to commercial catch reports were inspected. In some of these files, information was located regarding ex-vessel fish prices. These are included in Appendices 1 and 2.
4. 2002/03 and 2003/04 Fish Prices – In December 2003, DFW conducted a short survey of selected commercial fishers in St. Thomas/St. John and St. Croix. Four St. Thomas/St. John commercial fishers were asked about species group prices in December 2002 and December 2003. Five St. Croix commercial fishers were asked about fish group prices in December 2002 and December 2003. Based on those responses, an average price per pound was calculated for each species group. Summary responses were included in Appendices 1 and 2.

RESULTS

All available fish price information was collected and consolidated into Appendices 1 and 2. Based on this information, scatter plots of all St. Thomas/St. John (see Figure 1) and St. Croix (see Figure 2) prices were created. All St. Thomas/St. John prices for all categories were then

combined by fishing year and presented in the form of a scatter plot (see Figure 3). The same was done for St. Croix prices (see also Figure 3). Linear regression lines were overlaid on Figure 3 to indicate general trends.

Comparisons were then made of St. Thomas/St. John fish prices by catch category for various periods between the 1974 to 2003 fishing years. Conch and lobster price comparisons are presented in Figure 4. Net and hand catch price comparisons are presented in Figure 5. Trap and line catch price comparisons are presented in Figure 6. Whelk and baitfish price comparisons are presented in Figure 7. Angelfish, dolphin, barracuda, and goatfish price comparisons are presented in Figure 8. Grouper, jack, grunt, and mackerel price comparisons are presented in Figure 9. Parrotfish, snapper, shellfish, and tuna price comparisons are presented in Figure 10. Finally triggerfish, surgeonfish, and wahoo price comparisons are presented in Figure 11. As above, linear regression lines were overlaid onto Figures 4 to 11 to indicate general trends (see Appendix 3 for regression coefficients and r^2 values).

Similar price comparisons for St. Croix catch categories for various periods between 1974 to 2003 fishing years were then made (for conch and lobster price comparisons see Figure 12; for net and hand catch price comparisons see Figure 13; for trap and line catch price comparisons see Figure 14; for whelk and baitfish catch price comparisons see Figure 15; for angelfish, dolphin, barracuda, and goatfish price comparisons see Figure 16; for grouper, jack, grunt, and mackerel see Figure 17; for parrotfish, snapper, shellfish, and tuna price comparisons see Figure 18; and for triggerfish, surgeonfish, and wahoo price comparisons see Figure 19). Again, linear regression lines were overlaid onto these figures to indicate general trends (see Appendix 3 for regression coefficients and r^2 values).

Finally, price comparisons for each catch category were made between St. Thomas/St. John and St. Croix for various periods between 1974 to 2003 fishing years (for conch price comparisons see Figure 20; for lobster price comparisons see Figure 21; for whelk price comparisons see Figure 22; for trap catch price comparisons see Figure 23; for hand catch price comparisons see Figure 24; for line catch price comparisons see Figure 25; for net catch price comparisons see Figure 26; for baitfish price comparisons see Figure 27; for angelfish price comparisons see Figure 28; for barracuda price comparisons see Figure 29; for goatfish price comparisons see Figure 30; for grouper price comparisons see Figure 31; for grunt price comparisons see Figure 32; for jack price comparisons see Figure 33; for mackerel price comparisons see Figure 34; for parrotfish price comparisons see Figure 35; for shellfish price comparisons see Figure 36; for snapper price comparisons see Figure 37; for surgeonfish price comparisons see Figure 38; for triggerfish price comparisons see Figure 39; for tuna price comparisons see Figure 40; for wahoo price comparisons see Figure 41, and for dolphin price comparisons see Figure 42). Once again, linear regression lines were overlaid on these figures to indicate general trends (see Appendix 3 for regression coefficients and r^2 values).

DISCUSSION

In general, overall ex-vessel prices were similar in St. Thomas/St. John compared with those in St. Croix (see Figure 3). Both linear regression lines were rather similar and overlapped.

At the gear or species group level (see Figures 4 to 11), for St. Thomas/St. John most gear catches and species group catches showed similar trends. Ex-vessel prices increased over time. However, there were exceptions. For example, baitfish ex-vessel prices appear rather flat (see Figure 7). Angelfish, barracuda, goatfish (see Figure 8), jack, grunt (see Figure 9), parrotfish, shellfish (see Figure 10), triggerfish, and surgeonfish (Figure 11) ex-vessel prices have declined. This is also reflected in the linear regression with a negative sign on the slope of the line (see Appendix 3).

For St. Croix, most gear catches and species group catches also showed a gradual increase over the years (see Figure 12 to 19). There were a few exceptions. Baitfish, (see Figure 15), angelfish, barracuda, goatfish (see Figure 16), jack, grunt, mackerel (see Figure 17), parrotfish, shellfish (see Figure 18), triggerfish, and surgeonfish (see Figure 19) ex-vessel prices showed a general decline.

In general, St. Thomas/St. John ex-vessel prices were very similar to those of St. Croix (see Figures 20 to 42). Many ex-vessel prices that were initially different between districts, moved closer together in recent years (see barracuda Figure 29, goatfish Figure 30, grouper Figure 31, jacks Figure 33, mackerel Figure 34, and snapper Figure 37). In one case, historical ex-vessel prices have remained different (see shellfish Figure 36).

As indicated in the introduction, landings data for the last 30 years is currently being organized and checked. Once this process is completed, the price information compiled here can be applied to estimate total value of annual landings. In addition, information compiled here can be used as a basis for any future socio-economic assessments of the fishery.

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ACKNOWLEDGEMENTS

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Figure 1. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for All Catch Categories Combined, 1974 to 2004 Fishing Years

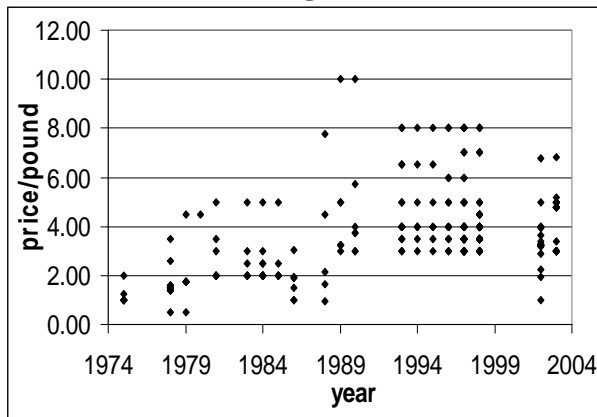


Figure 2. Scatter Plot for St. Croix Ex-Vessel Price per Pound for All Catch Categories Combined, 1974 to 2004 Fishing Year

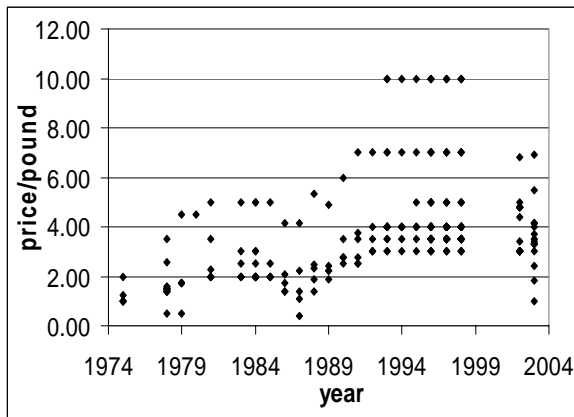


Figure 3. Scatter Plot of Average St. Thomas/St. John and St. Croix Fish Prices per Pound for 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

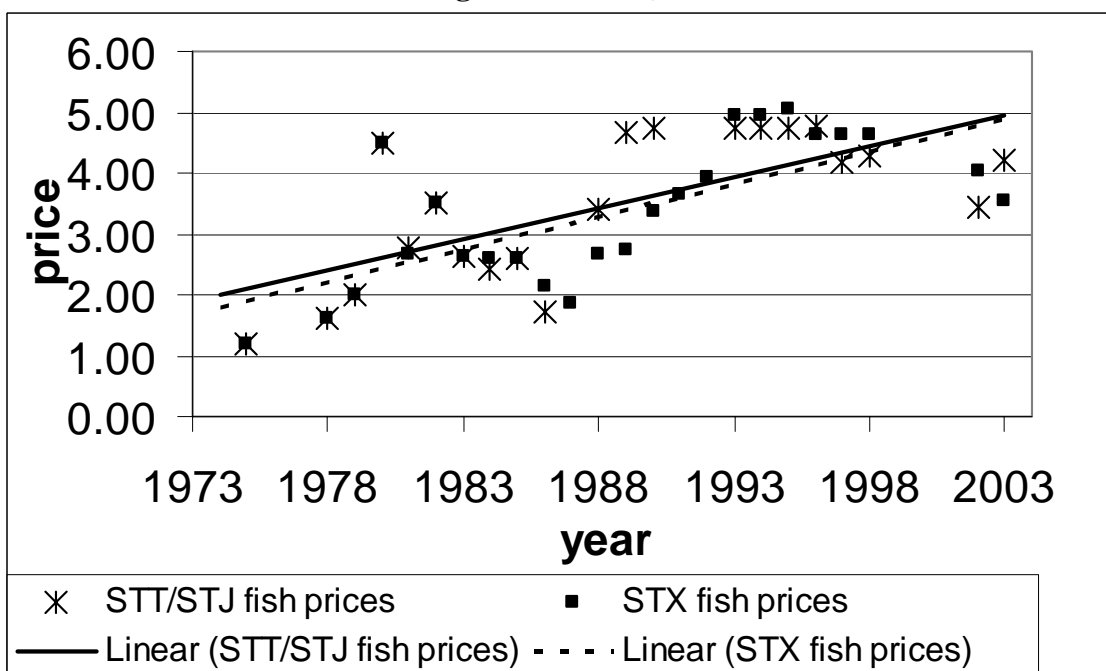


Figure 4. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Conch and Lobster, 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

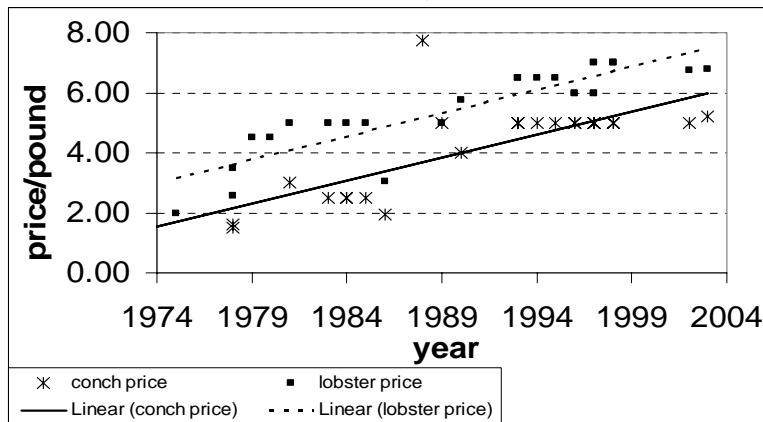


Figure 5. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Net and Hand Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

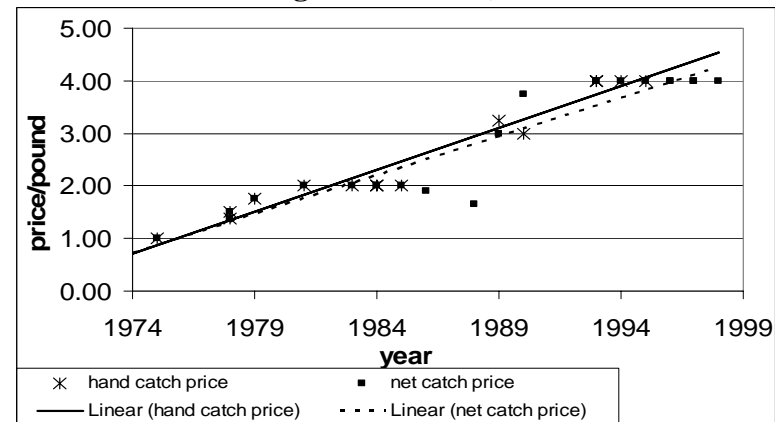


Figure 6. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Trap and Line Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

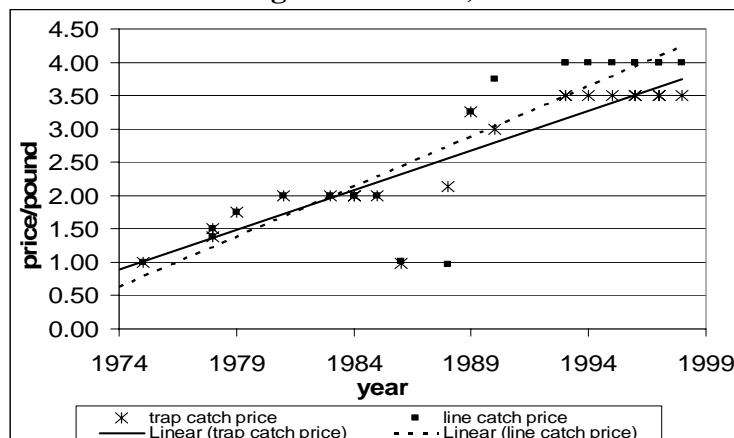


Figure 7. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Whelk and Baitfish, 1979 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

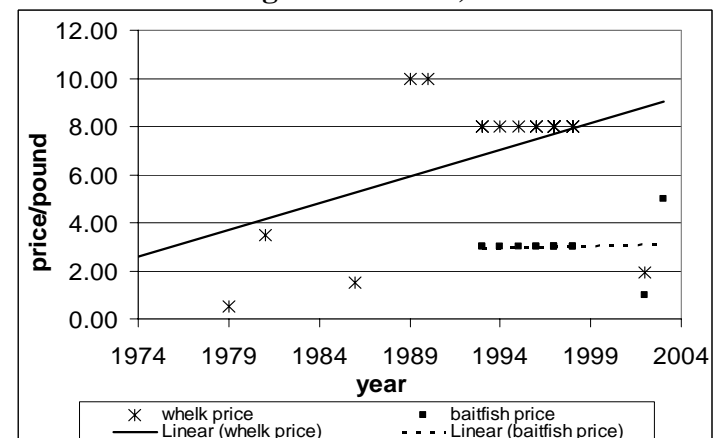


Figure 8. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Angelfish, Dolphin, Barracuda, and Goatfish Catches, 1997 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

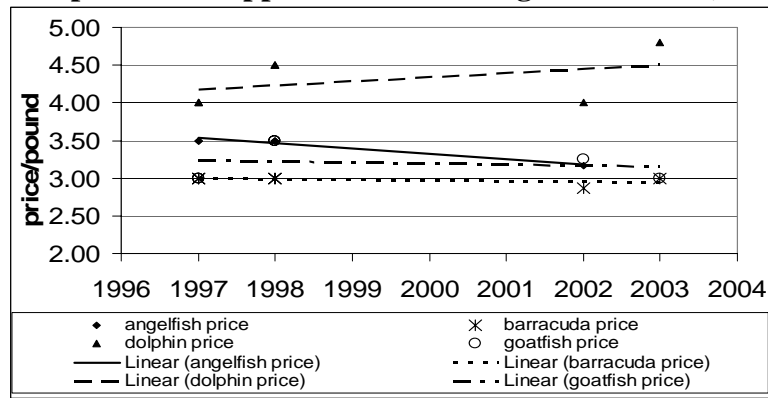


Figure 9. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Grouper, Jack, Grunt, and Mackerel Catches, 1997 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

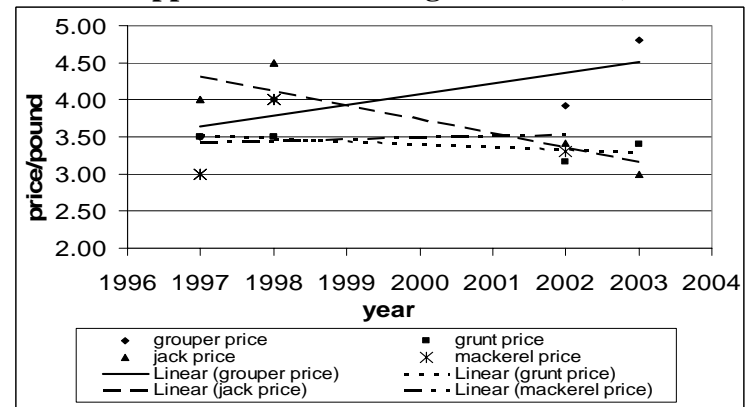


Figure 10. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Parrotfish, Snapper, Shellfish, and Tuna Catches, 1997 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

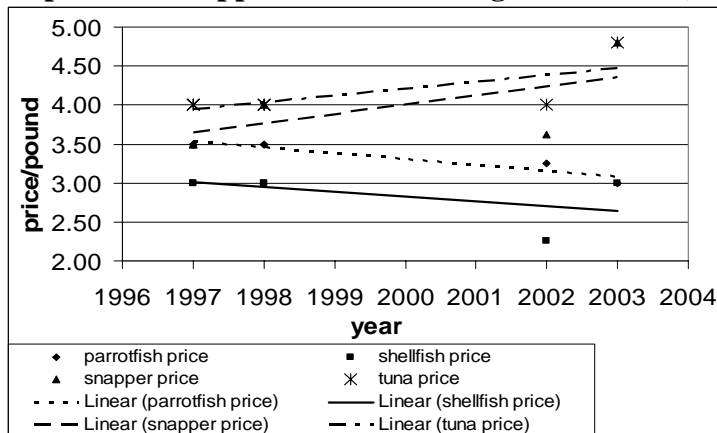


Figure 11. Scatter Plot of St. Thomas/St. John Ex-Vessel Price per Pound for Triggerfish, Surgeonfish, and Wahoo Catches, 1997 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

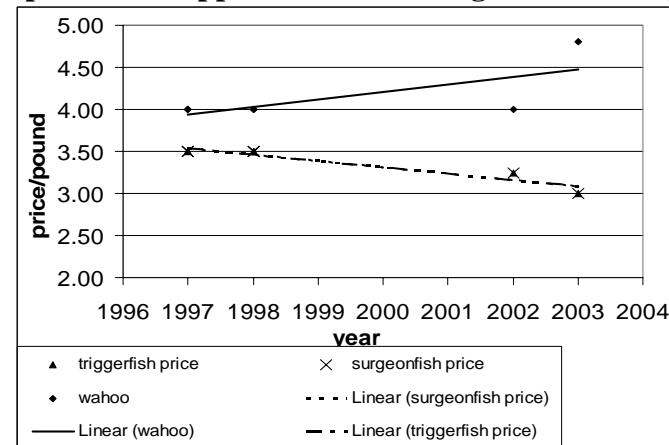


Figure 12. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Conch and Lobster, 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

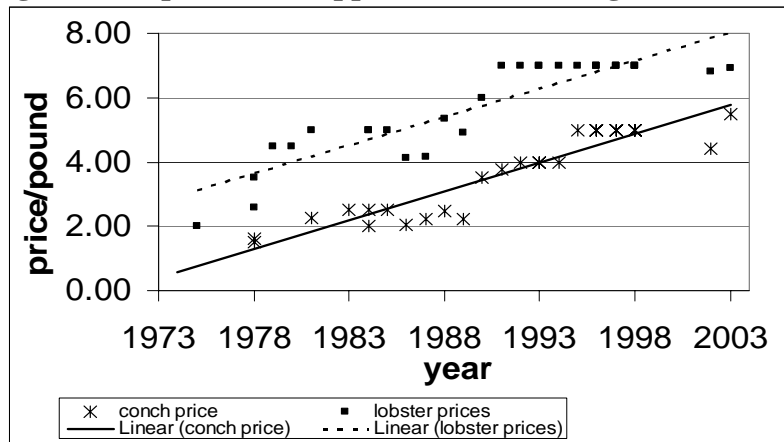


Figure 13. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Net and Hand Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

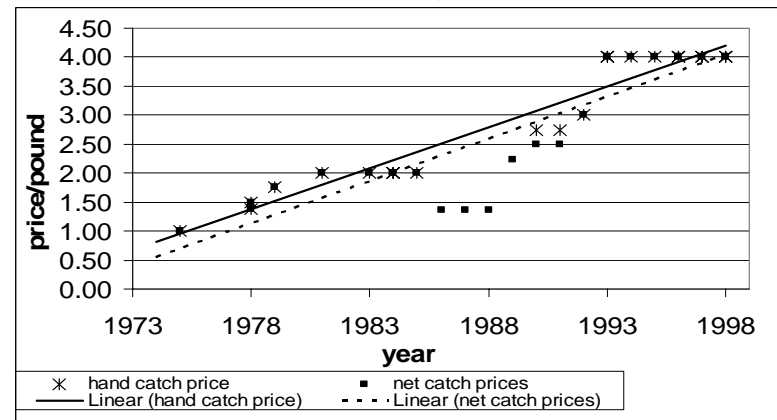


Figure 14. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Trap and Line Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

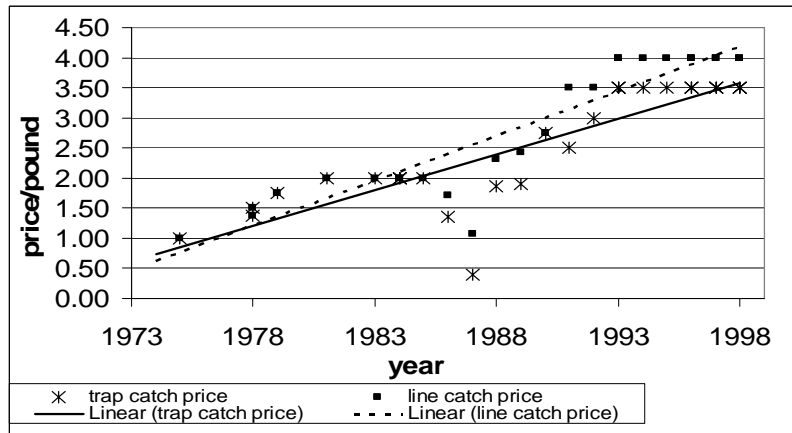


Figure 15 Scatter Plot of St. Croix Ex-Vessel Price per Pound for Whelk and Baitfish, 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

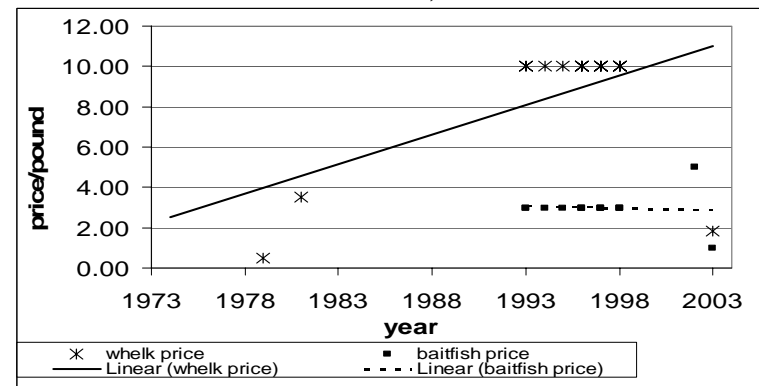


Figure 16. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Angelfish, Dolphin, Barracuda, and Goatfish Catches, 1996 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

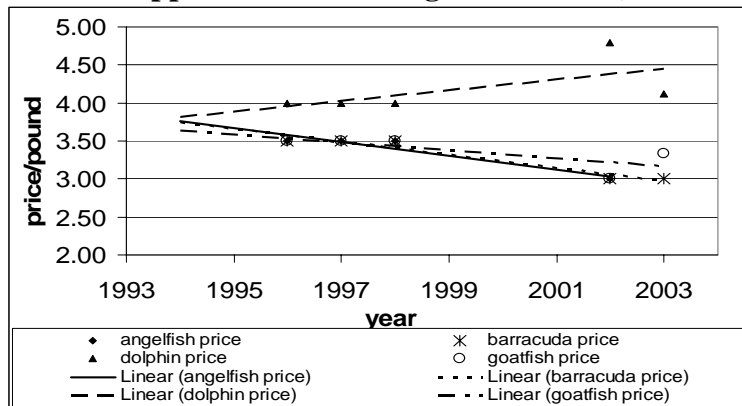


Figure 17. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Grouper, Jack, Grunt, and Mackerel Catches, 1996 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

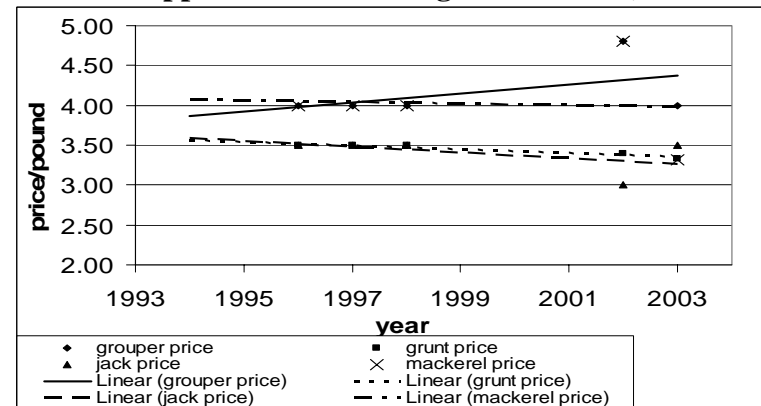


Figure 18. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Parrotfish, Snapper, Shellfish, and Tuna Catches, 1996 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

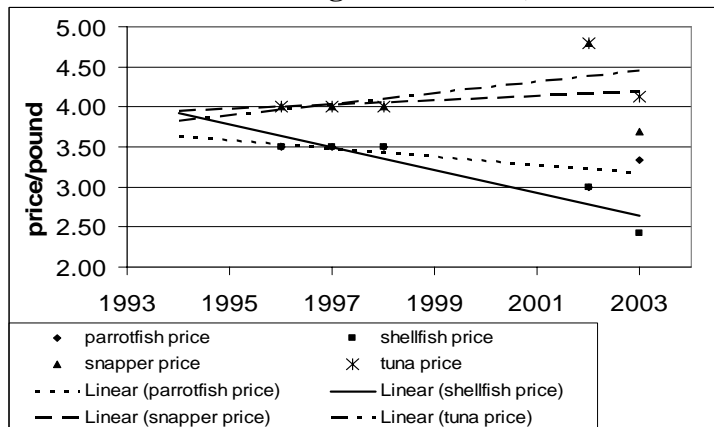


Figure 19. Scatter Plot of St. Croix Ex-Vessel Price per Pound for Triggerfish, Surgeonfish, and Wahoo Catches, 1996 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

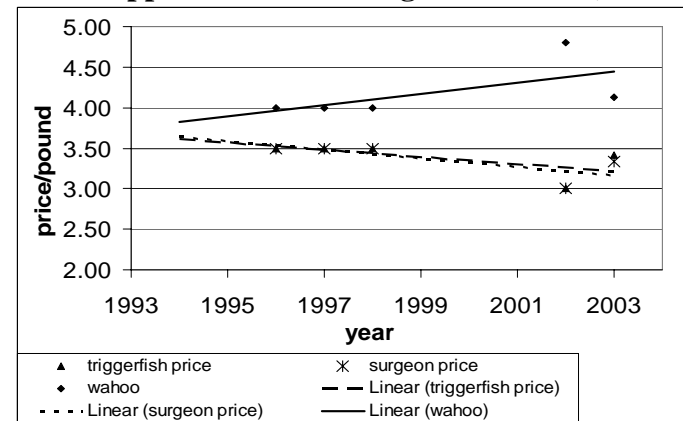


Figure 20. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Conch, 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

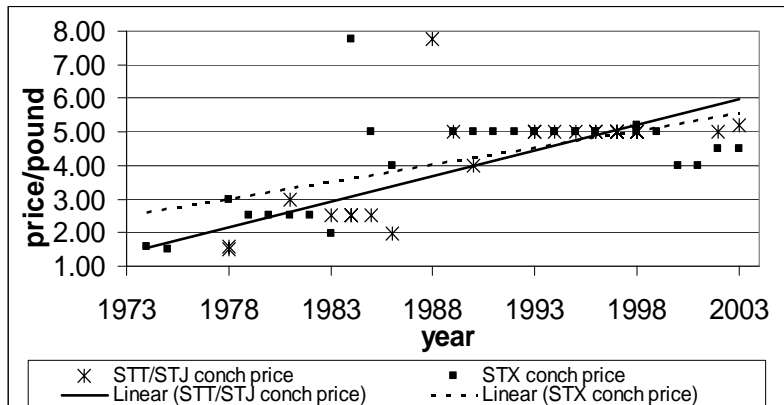


Figure 21. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Lobster, 1974 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

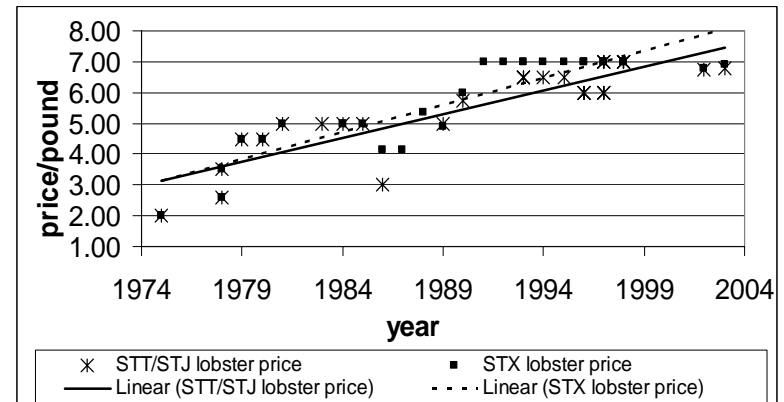


Figure 22. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Whelk, 1979 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

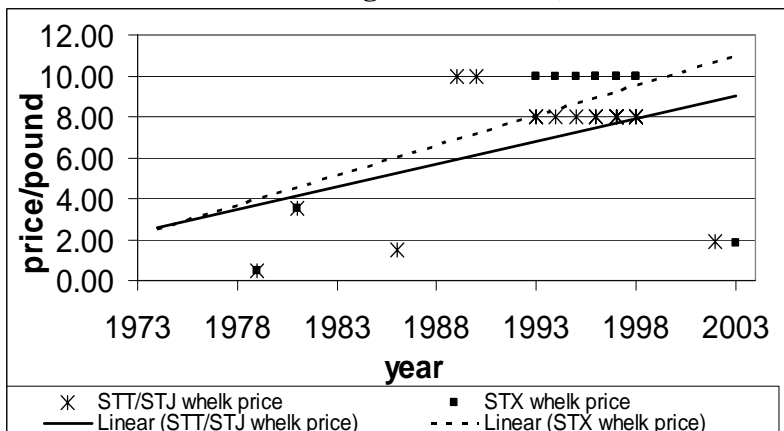


Figure 23. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Trap Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

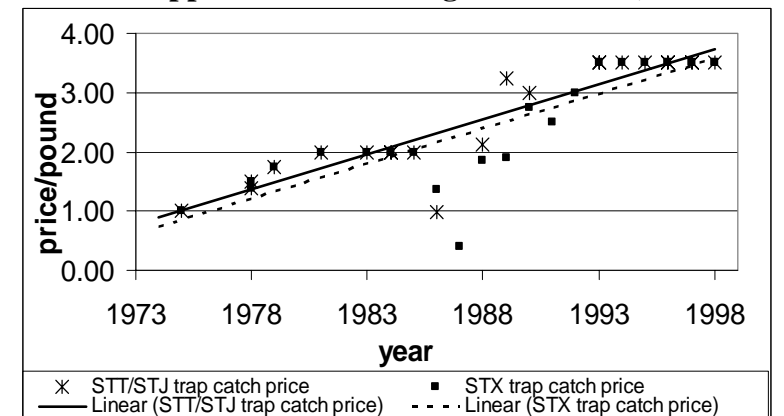


Figure 24. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Hand Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

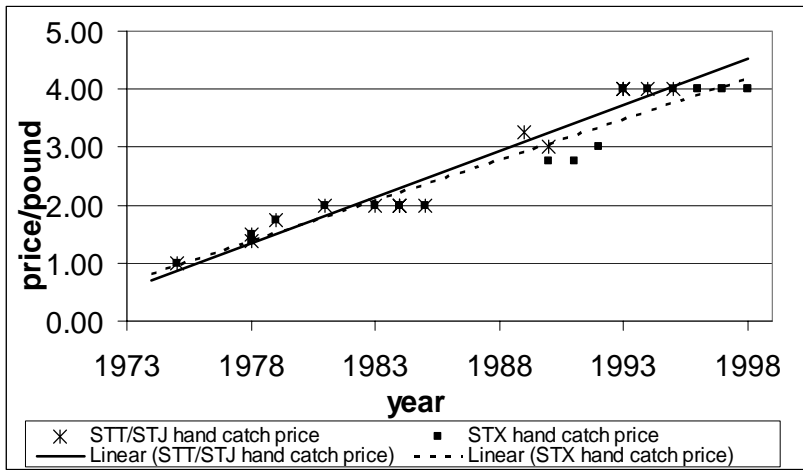


Figure 25. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Line Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

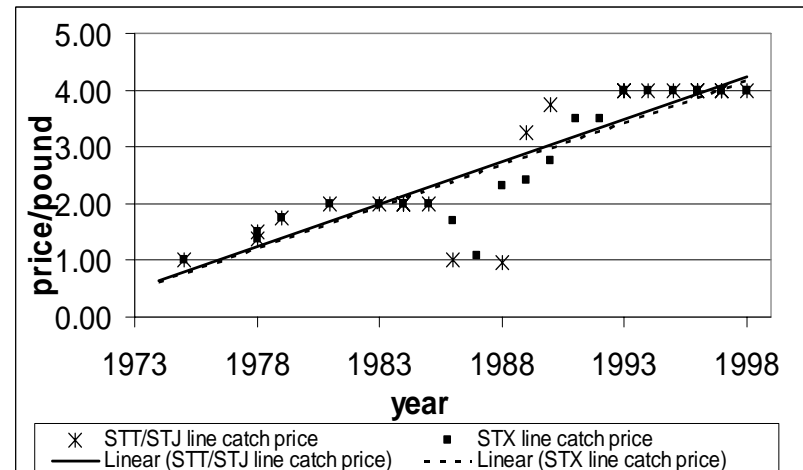


Figure 26. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Net Catches, 1974 to 1998 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

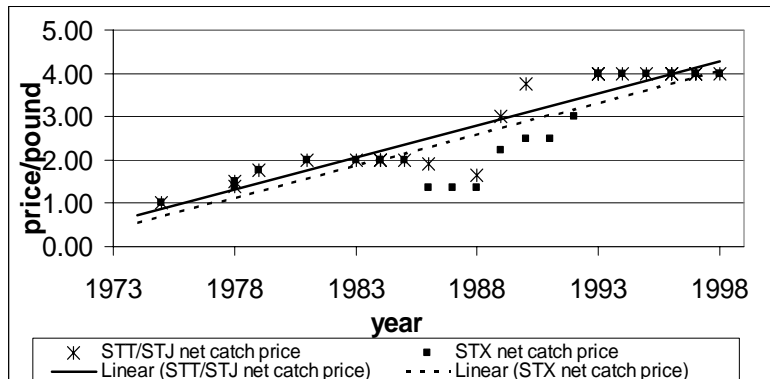


Figure 27. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Baitfish, 1993 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

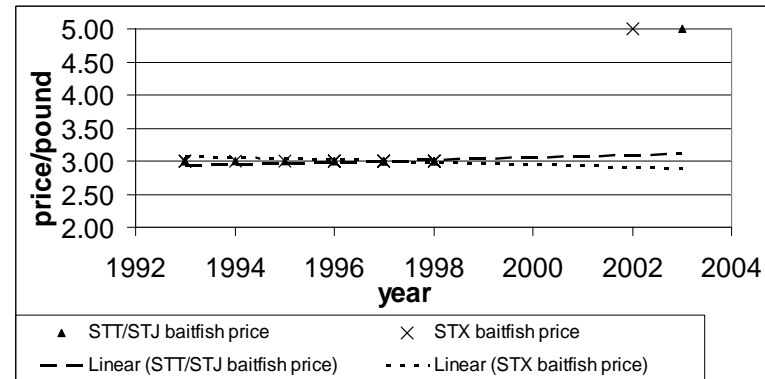


Figure 28. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Angelfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

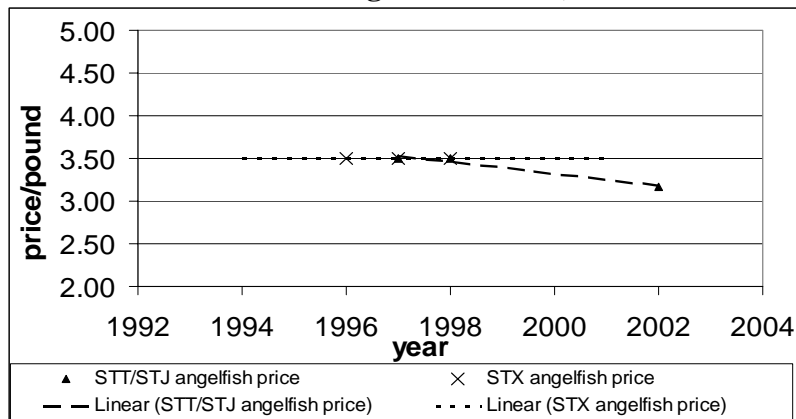


Figure 29. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Barracuda, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

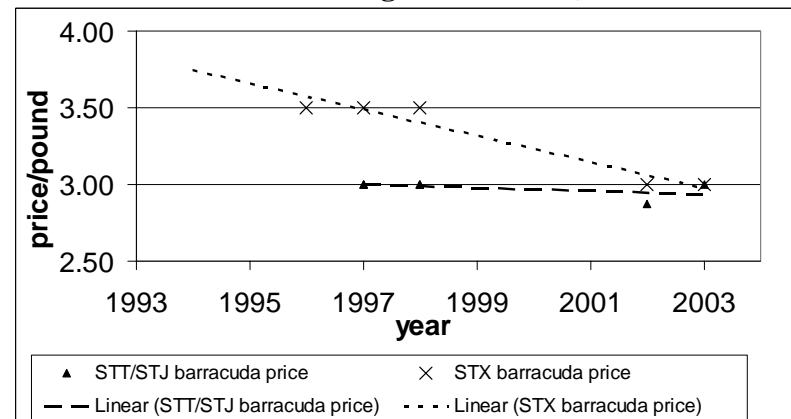


Figure 30. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Goatfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

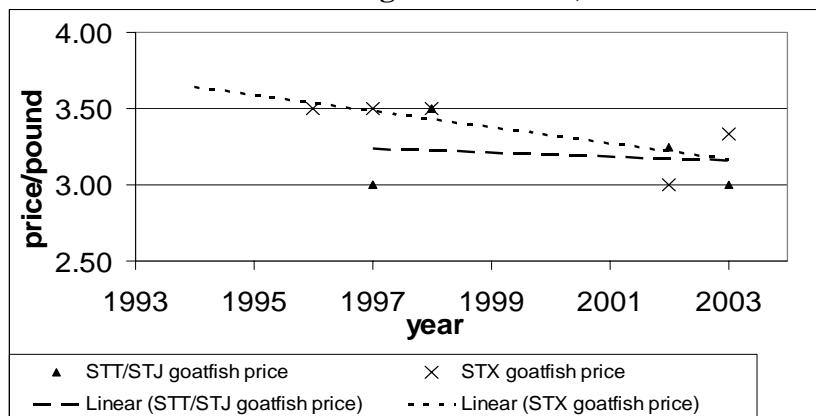


Figure 31. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Grouper, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

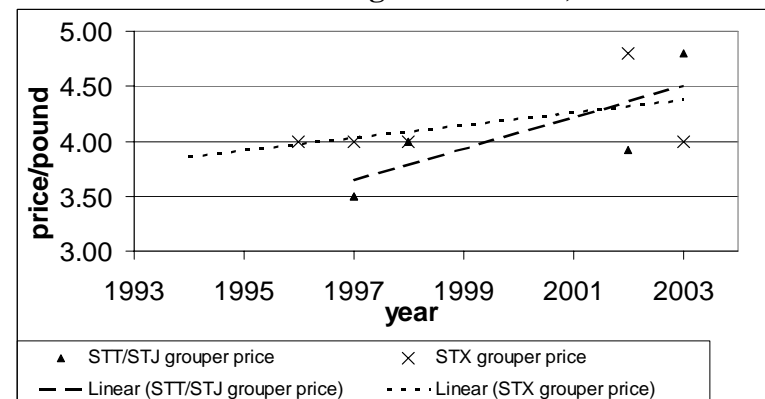


Figure 32. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Grunt, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

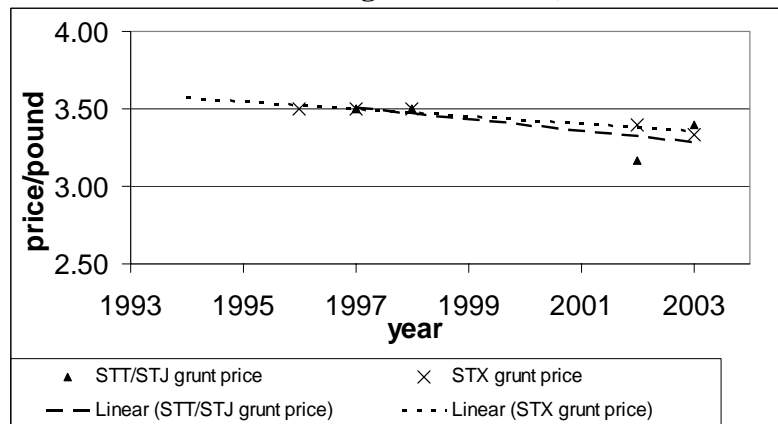


Figure 33. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Jacks, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

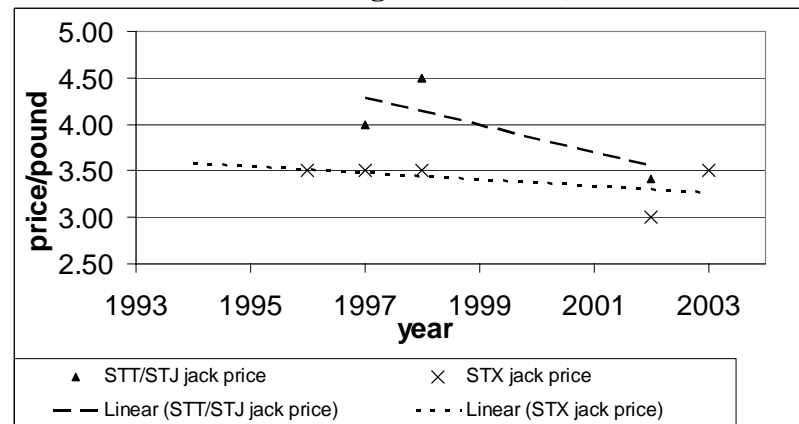


Figure 34. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Mackerel, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

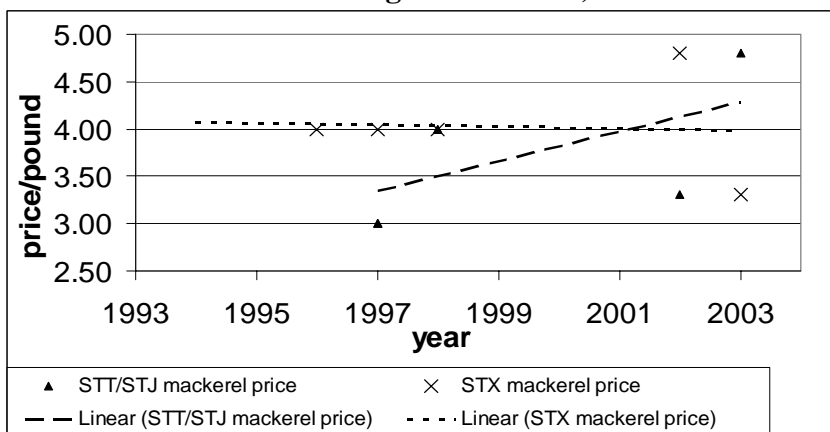


Figure 35. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Parrotfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

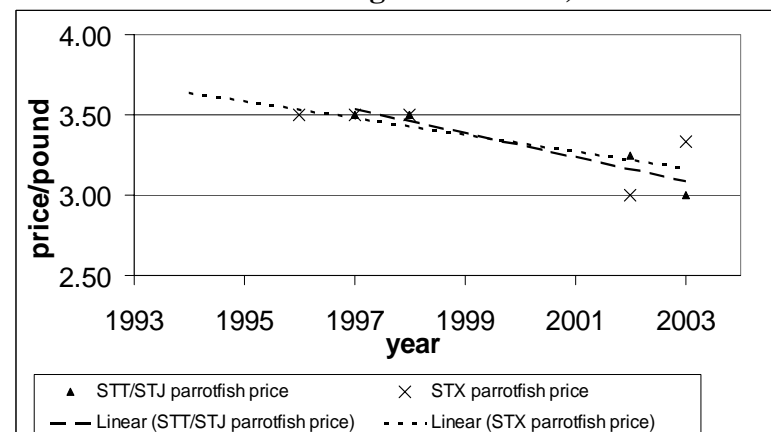


Figure 36. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Shellfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

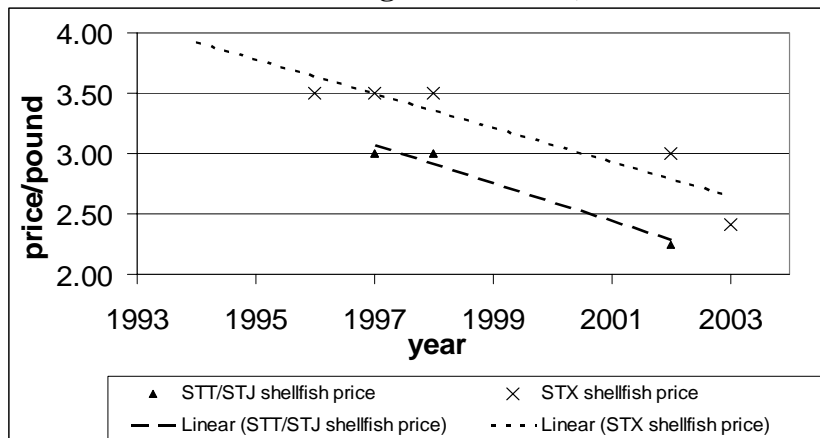


Figure 37. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Snapper, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

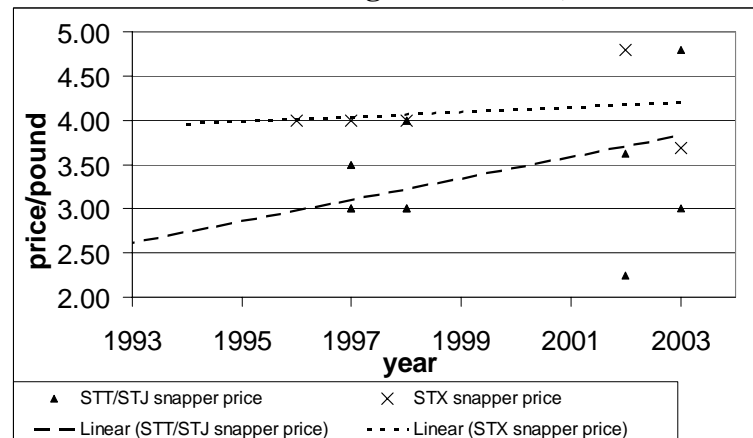


Figure 38. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Surgeonfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

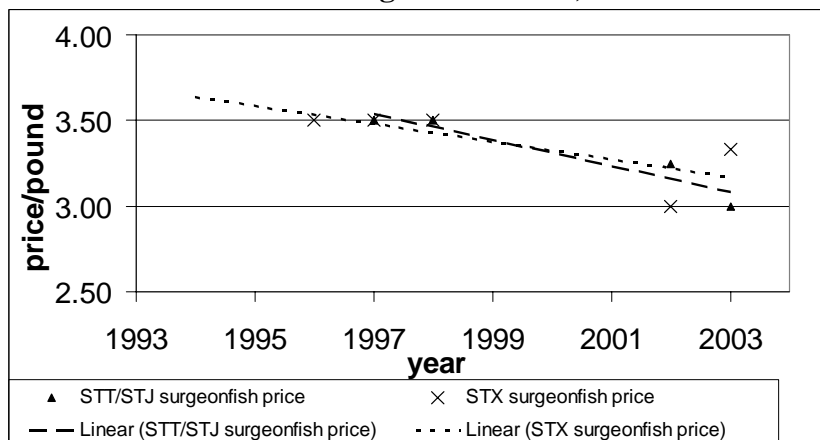


Figure 39. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Triggerfish, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

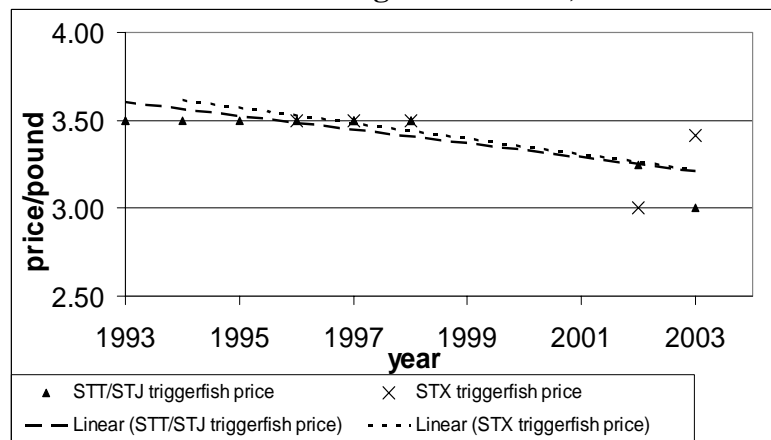


Figure 40 Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Tuna, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

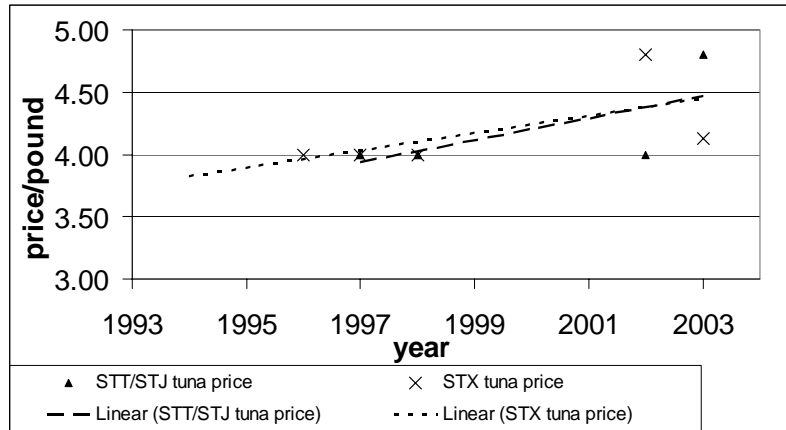


Figure 41. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Wahoo, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)

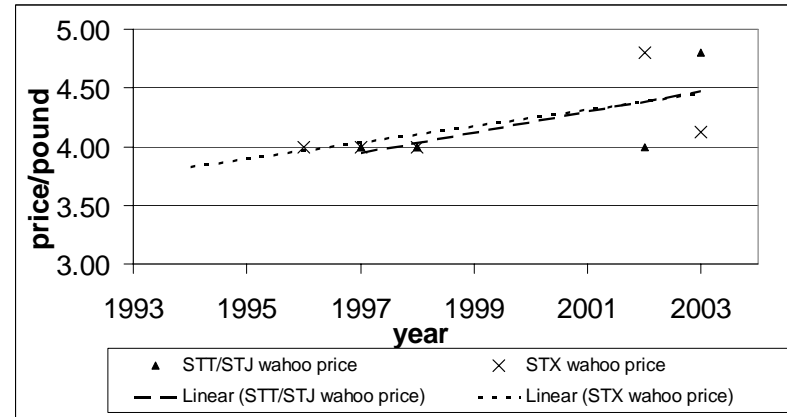
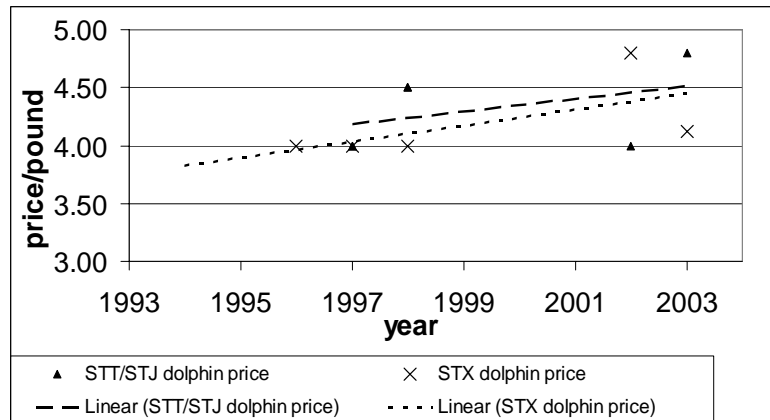


Figure 42. Scatter Plots Comparing St. Thomas/St. John and St. Croix Ex-Vessel Price Per Pound for Dolphin, 1994 to 2003 Fishing Years (linear regressions specified in Appendix 3 illustrate general trends)



Appendix 1. St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/reference
1975	hand	1.00	Olsen et al 1975, p2
1975	jacks/snappers	1.25	Olsen et al 1975, p2
1975	line	1.00	Olsen et al 1975, p2
1975	lobster	2.00	Olsen et al 1975, p2
1975	net	1.00	Olsen et al 1975, p2
1975	trap	1.00	Olsen et al 1975, p2
1978	conch	1.60	Anon. 1979, table 1
1978	conch	1.50	Anon. 1979, table 1
1978	hand	1.38	Anon. 1979, table 1
1978	hand	1.50	Anon. 1979, table 1
1978	line	1.38	Anon. 1979, table 1
1978	line	1.50	Anon. 1979, table 1
1978	lobster	2.58	Anon. 1979, table 1
1978	lobster	3.50	Anon. 1979, table 1
1978	net	1.38	Anon. 1979, table 1
1978	net	1.50	Anon. 1979, table 1
1978	other	1.60	Anon. 1979, table 1
1978	shark	0.50	Anon. 1979, table 1
1978	trap	1.38	Anon. 1979, table 1
1978	trap	1.50	Anon. 1979, table 1
1979	hand	1.75	Anon. 1979, table 1
1979	line	1.75	Anon. 1979, table 1
1979	lobtser	4.50	Anon. 1979, table 1
1979	net	1.75	Anon. 1979, table 1
1979	trap	1.75	Anon. 1979, table 1
1979	whelk	0.50	Anon. 1979, table 1
1980	lobster	4.50	Wood 1983, p. 15
1981	conch	3.00	Wood 1983, table 6
1981	hand	2.00	Wood 1983, table 6
1981	line	2.00	Wood 1983, table 6
1981	lobster	5.00	Wood 1983, table 6
1981	net	2.00	Wood 1983, table 6
1981	trap	2.00	Wood 1983, table 6
1981	whelk	3.50	Wood 1983, table 6
1983	conch	2.50	Clavijo et al 1986, table 6
1983	hand	2.00	Clavijo et al 1986, table 6

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1983	line	2.00	Clavijo et al 1986, table 6
1983	lobster	5.00	Clavijo et al 1986, table 6
1983	net	2.00	Clavijo et al 1986, table 6
1983	other	3.00	Clavijo et al 1986, table 6
1983	trap	2.00	Clavijo et al 1986, table 6
1984	conch	2.50	Clavijo et al 1986, table 6
1984	conch	2.50	Clavijo et al 1986, table 5
1984	hand	2.00	Clavijo et al 1986, table 6
1984	hand	2.00	Clavijo et al 1986, table 5
1984	line	2.00	Clavijo et al 1986, table 6
1984	line	2.00	Clavijo et al 1986, table 5
1984	lobster	5.00	Clavijo et al 1986, table 5
1984	net	2.00	Clavijo et al 1986, table 6
1984	net	2.00	Clavijo et al 1986, table 5
1984	other	3.00	Clavijo et al 1986, table 6
1984	trap	2.00	Clavijo et al 1986, table 6
1984	trap	2.00	Clavijo et al 1986, table 5
1985	conch	2.50	Clavijo et al 1986, table 6
1985	hand	2.00	Clavijo et al 1986, table 6
1985	line	2.00	Clavijo et al 1986, table 6
1985	lobster	5.00	Clavijo et al 1986, table 6
1985	net	2.00	Clavijo et al 1986, table 6
1985	trap	2.00	Clavijo et al 1986, table 6
1986	conch	1.96	1986/86 St. Thomas commercial catch report data file
1986	line	1.02	1986/86 St. Thomas commercial catch report data file
1986	lobster	3.03	1986/86 St. Thomas commercial catch report data file
1986	net	1.91	1986/86 St. Thomas commercial catch report data file
1986	trap	0.99	1986/86 St. Thomas commercial catch report data file
1986	whelk	1.49	1986/86 St. Thomas commercial catch report data file
1988	conch	7.75	1988/89 St. Thomas commercial catch report data file
1988	line	0.97	1988/89 St. Thomas commercial catch report data file
1988	net	1.66	1988/89 St. Thomas commercial catch report data file
1988	other	4.48	1988/89 St. Thomas commercial catch report data file
1988	trap	2.13	1988/89 St. Thomas commercial catch report data file
1989	conch	5.00	Barshinger ca 1992, table 3a
1989	hand	3.25	Barshinger ca 1992, table 3a
1989	line	3.25	Barshinger ca 1992, table 3a

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1989	lobster	5.00	Barshinger ca 1992, table 3a
1989	net	3.00	Barshinger ca 1992, table 3a
1989	trap	3.25	Barshinger ca 1992, table 3a
1989	whelk	10.00	Barshinger ca 1992, table 3a
1990	conch	4.00	Barshinger ca 1993, page 9
1990	hand	3.00	Barshinger ca 1993, page 9
1990	line	3.75	Barshinger ca 1993, page 9
1990	lobster	5.75	Barshinger ca 1993, page 9
1990	net	3.75	Barshinger ca 1993, page 9
1990	trap	3.00	Barshinger ca 1993, page 9
1990	whelk	10.00	Barshinger ca 1993, page 9
1993	baitfish	3.00	Meyers 1994, table 3
1993	baitfish	3.00	Barshinger 1997, table 15
1993	conch	5.00	Meyers 1994, table 3
1993	conch	5.00	Barshinger 1997, table 15
1993	hand	4.00	Meyers 1994, table 3
1993	hand	4.00	Barshinger 1997, table 15
1993	line	4.00	Meyers 1994, table 3
1993	line	4.00	Barshinger 1997, table 15
1993	lobster	6.50	Meyers 1994, table 3
1993	lobster	6.50	Barshinger 1997, table 15
1993	net	4.00	Meyers 1994, table 3
1993	net	4.00	Barshinger 1997, table 15
1993	trap	3.50	Meyers 1994, table 3
1993	trap	3.50	Barshinger 1997, table 15
1993	whelk	8.00	Meyers 1994, table 3
1993	whelk	8.00	Barshinger 1997, table 15
1994	baitfish	3.00	Barshinger 1997, table 15
1994	conch	5.00	Barshinger 1997, table 15
1994	hand	4.00	Barshinger 1997, table 15
1994	line	4.00	Barshinger 1997, table 15
1994	lobster	6.50	Barshinger 1997, table 15
1994	net	4.00	Barshinger 1997, table 15
1994	trap	3.50	Barshinger 1997, table 15
1994	whelk	8.00	Barshinger 1997, table 15
1995	baitfish	3.00	Barshinger 1997, table 15
1995	conch	5.00	Barshinger 1997, table 15

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1995	hand	4.00	Barshinger 1997, table 15
1995	line	4.00	Barshinger 1997, table 15
1995	lobster	6.50	Barshinger 1997, table 15
1995	net	4.00	Barshinger 1997, table 15
1995	trap	3.50	Barshinger 1997, table 15
1995	whelk	8.00	Barshinger 1997, table 15
1996	baitfish	3.00	Tobias et al 2000, table 18
1996	baitfish	3.00	Uwate and Tobias 2002, table 4
1996	conch	5.00	Tobias et al 2000, table 18
1996	conch	5.00	Uwate and Tobias 2002, table 4
1996	line	4.00	Tobias et al 2000, table 18
1996	line	4.00	Uwate and Tobias 2002, table 4
1996	lobster	6.00	Tobias et al 2000, table 18
1996	lobster	6.00	Uwate and Tobias 2002, table 4
1996	net	4.00	Tobias et al 2000, table 18
1996	net	4.00	Uwate and Tobias 2002, table 4
1996	trap	3.50	Tobias et al 2000, table 18
1996	trap	3.50	Uwate and Tobias 2002, table 4
1996	whelk	8.00	Tobias et al 2000, table 18
1996	whelk	8.00	Uwate and Tobias 2002, table 4
1997	angelfish	3.50	Tobias et al 2000, table 19
1997	angelfish	3.50	Uwate and Tobias 2002, table 5
1997	baitfish	3.00	Tobias et al 2000, table 18
1997	baitfish	3.00	Uwate and Tobias 2002, table 4
1997	baitfish	3.00	Tobias et al 2000, table 19
1997	baitfish	3.00	Uwate and Tobias 2002, table 5
1997	barracuda	3.00	Tobias et al 2000, table 19
1997	barracuda	3.00	Uwate and Tobias 2002, table 5
1997	conch	5.00	Tobias et al 2000, table 18
1997	conch	5.00	Uwate and Tobias 2002, table 4
1997	conch	5.00	Tobias et al 2000, table 19
1997	conch	5.00	Uwate and Tobias 2002, table 5
1997	dolphin	4.00	Tobias et al 2000, table 19
1997	dolphin	4.00	Uwate and Tobias 2002, table 5
1997	goatfish	3.00	Tobias et al 2000, table 19
1997	goatfish	3.00	Uwate and Tobias 2002, table 5
1997	grouper	3.50	Tobias et al 2000, table 19

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1997	grouper	3.50	Uwate and Tobias 2002, table 5
1997	grunt	3.50	Tobias et al 2000, table 19
1997	grunt	3.50	Uwate and Tobias 2002, table 5
1997	jack	4.00	Tobias et al 2000, table 19
1997	jack	4.00	Uwate and Tobias 2002, table 5
1997	line	4.00	Tobias et al 2000, table 18
1997	line	4.00	Uwate and Tobias 2002, table 4
1997	lobster	7.00	Tobias et al 2000, table 18
1997	lobster	7.00	Uwate and Tobias 2002, table 4
1997	lobster	6.00	Tobias et al 2000, table 19
1997	lobster	6.00	Uwate and Tobias 2002, table 5
1997	mackerel	3.00	Tobias et al 2000, table 19
1997	mackerel	3.00	Uwate and Tobias 2002, table 5
1997	net	4.00	Tobias et al 2000, table 18
1997	net	4.00	Uwate and Tobias 2002, table 4
1997	parrotfish	3.50	Tobias et al 2000, table 19
1997	parrotfish	3.50	Uwate and Tobias 2002, table 5
1997	shellfish	3.00	Tobias et al 2000, table 19
1997	shellfish	3.00	Uwate and Tobias 2002, table 5
1997	snapper	3.50	Tobias et al 2000, table 19
1997	snapper	3.50	Uwate and Tobias 2002, table 5
1997	surgeonfish	3.50	Tobias et al 2000, table 19
1997	surgeonfish	3.50	Uwate and Tobias 2002, table 5
1997	trap	3.50	Tobias et al 2000, table 18
1997	trap	3.50	Uwate and Tobias 2002, table 4
1997	triggerfish	3.50	Tobias et al 2000, table 19
1997	triggerfish	3.50	Uwate and Tobias 2002, table 5
1997	tuna	4.00	Tobias et al 2000, table 19
1997	tuna	4.00	Uwate and Tobias 2002, table 5
1997	wahoo	4.00	Tobias et al 2000, table 19
1997	wahoo	4.00	Uwate and Tobias 2002, table 5
1997	whelk	8.00	Tobias et al 2000, table 18
1997	whelk	8.00	Uwate and Tobias 2002, table 4
1997	whelk	8.00	Tobias et al 2000, table 19
1997	whelk	8.00	Uwate and Tobias 2002, table 5
1998	angelfish	3.50	Tobias et al 2000, table 19
1998	angelfish	3.50	Uwate and Tobias 2002, table 5

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1998	baitfish	3.00	Uwate and Tobias 2002, table 4
1998	baitfish	3.00	Tobias et al 2000, table 19
1998	baitfish	3.00	Uwate and Tobias 2002, table 5
1998	barracuda	3.00	Tobias et al 2000, table 19
1998	barracuda	3.00	Uwate and Tobias 2002, table 5
1998	conch	5.00	Uwate and Tobias 2002, table 4
1998	conch	5.00	Tobias et al 2000, table 19
1998	conch	5.00	Uwate and Tobias 2002, table 5
1998	dolphin	4.50	Tobias et al 2000, table 19
1998	dolphin	4.50	Uwate and Tobias 2002, table 5
1998	goatfish	3.50	Tobias et al 2000, table 19
1998	goatfish	3.50	Uwate and Tobias 2002, table 5
1998	grouper	4.00	Tobias et al 2000, table 19
1998	grouper	4.00	Uwate and Tobias 2002, table 5
1998	grunt	3.50	Tobias et al 2000, table 19
1998	grunt	3.50	Uwate and Tobias 2002, table 5
1998	jack	4.50	Tobias et al 2000, table 19
1998	jack	4.50	Uwate and Tobias 2002, table 5
1998	line	4.00	Uwate and Tobias 2002, table 4
1998	lobster	7.00	Uwate and Tobias 2002, table 4
1998	lobster	7.00	Tobias et al 2000, table 19
1998	lobster	7.00	Uwate and Tobias 2002, table 5
1998	mackerel	4.00	Tobias et al 2000, table 19
1998	mackerel	4.00	Uwate and Tobias 2002, table 5
1998	net	4.00	Uwate and Tobias 2002, table 4
1998	parrotfish	3.50	Tobias et al 2000, table 19
1998	parrotfish	3.50	Uwate and Tobias 2002, table 5
1998	shellfish	3.00	Tobias et al 2000, table 19
1998	shellfish	3.00	Uwate and Tobias 2002, table 5
1998	snapper	4.00	Tobias et al 2000, table 19
1998	snapper	4.00	Uwate and Tobias 2002, table 5
1998	surgeonfish	3.50	Tobias et al 2000, table 19
1998	surgeonfish	3.50	Uwate and Tobias 2002, table 5
1998	trap	3.50	Uwate and Tobias 2002, table 4
1998	triggerfish	3.50	Tobias et al 2000, table 19
1998	triggerfish	3.50	Uwate and Tobias 2002, table 5
1998	tuna	4.00	Tobias et al 2000, table 19

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
1998	tuna	4.00	Uwate and Tobias 2002, table 5
1998	wahoo	4.00	Tobias et al 2000, table 19
1998	wahoo	4.00	Uwate and Tobias 2002, table 5
1998	whelk	8.00	Uwate and Tobias 2002, table 4
1998	whelk	8.00	Tobias et al 2000, table 19
1998	whelk	8.00	Uwate and Tobias 2002, table 5
2002	angelfish	3.17	DFW internal files
2002	baitfish	1.00	DFW internal files
2002	barracuda	2.87	DFW internal files
2002	conch	5.00	DFW internal files
2002	dolphin	4.00	DFW internal files
2002	goatfish	3.25	DFW internal files
2002	grouper	3.92	DFW internal files
2002	grunt	3.17	DFW internal files
2002	jack	3.41	DFW internal files
2002	lobster	6.75	DFW internal files
2002	mackerel	3.31	DFW internal files
2002	parrotfish	3.25	DFW internal files
2002	shellfish	2.25	DFW internal files
2002	snapper	3.62	DFW internal files
2002	surgeonfish	3.25	DFW internal files
2002	triggerfish	3.25	DFW internal files
2002	tuna	4.00	DFW internal files
2002	wahoo	4.00	DFW internal files
2002	whelk	1.92	DFW internal files
2003	baitfish	5.00	DFW internal files
2003	barracuda	3.00	DFW internal files
2003	conch	5.20	DFW internal files
2003	coral crab	5.00	DFW internal files
2003	dolphin	4.80	DFW internal files
2003	goatfish	3.00	DFW internal files
2003	grouper	4.80	DFW internal files
2003	grunt	3.40	DFW internal files
2003	jack	3.00	DFW internal files
2003	lobster	6.80	DFW internal files
2003	mackerel	4.80	DFW internal files
2003	octopus	5.00	DFW internal files

Appendix 1 (continued). St. Thomas/St. John Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/reference
2003	parrotfish	3.00	DFW internal files
2003	porgy	3.00	DFW internal files
2003	shellfish	3.00	DFW internal files
2003	snapper	4.80	DFW internal files
2003	spider crab	5.00	DFW internal files
2003	surgeonfish	3.00	DFW internal files
2003	triggerfish	3.00	DFW internal files
2003	tuna	4.80	DFW internal files
2003	wahoo	4.80	DFW internal files

*note: Only categories and years where prices were identified are included here.

Appendix 2. St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/references
1975	hand	1.00	Olsen et al 1975, page 2
1975	jacks/snappers	1.25	Olsen et al 1975, page 2
1975	line	1.00	Olsen et al 1975, page 2
1975	lobster	2.00	Olsen et al 1975, page 2
1975	net	1.00	Olsen et al 1975, page 2
1975	trap	1.00	Olsen et al 1975, page 2
1978	conch	1.60	Anon. 1979, page 18
1978	conch	1.50	Anon. 1979, table 1
1978	hand	1.38	Anon. 1979, page 18
1978	hand	1.50	Anon. 1979, table 1
1978	line	1.38	Anon. 1979, page 18
1978	line	1.50	Anon. 1979, table 1
1978	lobster	2.58	Anon. 1979, page 18
1978	lobster	3.50	Anon. 1979, table 1
1978	net	1.38	Anon. 1979, page 18
1978	net	1.50	Anon. 1979, table 1
1978	other	1.60	Anon. 1979, page 18
1978	shark	0.50	Anon. 1979, table 1
1978	trap	1.38	Anon. 1979, page 18
1978	trap	1.50	Anon. 1979, table 1
1979	hand	1.75	Anon. 1979, table 1
1979	line	1.75	Anon. 1979, table 1
1979	lobster	4.50	Anon. 1979, table 1
1979	net	1.75	Anon. 1979, table 1
1979	trap	1.75	Anon. 1979, table 1
1979	whelk	0.50	Anon. 1979, table 1
1980	lobster	4.50	Wood ca 1983, table 6
1981	conch	2.25	Wood ca 1983, table 6
1981	hand	2.00	Wood ca 1983, table 6
1981	line	2.00	Wood ca 1983, table 6
1981	lobster	5.00	Wood ca 1983, table 6
1981	net	2.00	Wood ca 1983, table 6
1981	trap	2.00	Wood ca 1983, table 6
1981	whelk	3.50	Wood ca 1983, table 6
1983	conch	2.50	Clavijo et al 1986, table 6

**Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species
Groups for 1974 to 2003 Fishing Years, By Year***

year	category	price	source/references
1983	hand	2.00	Clavijo et al 1986, table 6
1983	line	2.00	Clavijo et al 1986, table 6
1983	net	2.00	Clavijo et al 1986, table 6
1983	other	3.00	Clavijo et al 1986, table 6
1983	other	5.00	Clavijo et al 1986, table 6
1983	trap	2.00	Clavijo et al 1986, table 6
1984	conch	2.50	Clavijo et al 1986, table 6
1984	conch	2.00	Clavijo et al 1986, table 5
1984	hand	2.00	Clavijo et al 1986, table 6
1984	hand	2.00	Clavijo et al 1986, table 5
1984	line	2.00	Clavijo et al 1986, table 6
1984	line	2.00	Clavijo et al 1986, table 5
1984	lobster	5.00	Clavijo et al 1986, table 6
1984	lobster	5.00	Clavijo et al 1986, table 5
1984	net	2.00	Clavijo et al 1986, table 6
1984	net	2.00	Clavijo et al 1986, table 5
1984	other	3.00	Clavijo et al 1986, table 6
1984	other	3.00	Clavijo et al 1986, table 5
1984	trap	2.00	Clavijo et al 1986, table 6
1984	trap	2.00	Clavijo et al 1986, table 5
1985	conch	2.50	Clavijo et al 1986, table 6
1985	hand	2.00	Clavijo et al 1986, table 6
1985	line	2.00	Clavijo et al 1986, table 6
1985	lobster	5.00	Clavijo et al 1986, table 6
1985	net	2.00	Clavijo et al 1986, table 6
1985	trap	2.00	Clavijo et al 1986, table 6
1986	conch	2.06	1986/87 commercial catch report data file
1986	line	1.71	1986/87 commercial catch report data file
1986	lobster	4.14	1986/87 commercial catch report data file
1986	net	1.36	1986/87 commercial catch report data file
1986	trap	1.36	1986/87 commercial catch report data file
1987	conch	2.24	1986/87 commercial catch report data file
1987	line	1.08	1986/87 commercial catch report data file
1987	lobster	4.16	1986/87 commercial catch report data file
1987	net	1.36	1986/87 commercial catch report data file
1987	trap	0.40	1986/87 commercial catch report data file

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/references
1988	conch	2.49	1986/87 commercial catch report data file
1988	line	2.31	1986/87 commercial catch report data file
1988	lobster	5.35	1986/87 commercial catch report data file
1988	net	1.36	1986/87 commercial catch report data file
1988	trap	1.86	1986/87 commercial catch report data file
1989	conch	2.23	1986/87 commercial catch report data file
1989	line	2.42	1986/87 commercial catch report data file
1989	lobster	4.90	1986/87 commercial catch report data file
1989	net	2.23	1986/87 commercial catch report data file
1989	trap	1.90	1986/87 commercial catch report data file
1990	conch	3.50	Barshinger ca 1992, table 3b
1990	hand	2.75	Barshinger ca 1992, table 3b
1990	line	2.75	Barshinger ca 1992, table 3b
1990	lobster	6.00	Barshinger ca 1992, table 3b
1990	net	2.50	Barshinger ca 1992, table 3b
1990	trap	2.75	Barshinger ca 1992, table 3b
1991	conch	3.75	Barshinger ca 1992, page 9
1991	hand	2.75	Barshinger ca 1992, page 9
1991	line	3.50	Barshinger ca 1992, page 9
1991	lobster	7.00	Barshinger ca 1992, page 9
1991	net	2.50	Barshinger ca 1992, page 9
1991	trap	2.50	Barshinger ca 1992, page 9
1992	conch	4.00	DFW 1993, table 5
1992	hand	3.00	DFW 1993, table 5
1992	line	3.50	DFW 1993, table 5
1992	lobster	7.00	DFW 1993, table 5
1992	net	3.00	DFW 1993, table 5
1992	trap	3.00	DFW 1993, table 5
1993	baitfish	3.00	Meyers 1994, table 3
1993	baitfish	3.00	Barshinger 1997, table 14
1993	conch	4.00	Meyers 1994, table 3
1993	conch	4.00	Barshinger 1997, table 14
1993	hand	4.00	Meyers 1994, table 3
1993	hand	4.00	Barshinger 1997, table 14
1993	line	4.00	Meyers 1994, table 3
1993	line	4.00	Barshinger 1997, table 14
1993	lobster	7.00	Meyers 1994, table 3

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*

year	category	price	source/references
1993	lobster	7.00	Barshinger 1997, table 14
1993	net	4.00	Meyers 1994, table 3
1993	net	4.00	Barshinger 1997, table 14
1993	trap	3.50	Meyers 1994, table 3
1993	trap	3.50	Barshinger 1997, table 14
1993	whelk	10.00	Meyers 1994, table 3
1993	whelk	10.00	Barshinger 1997, table 14
1994	baitfish	3.00	Barshinger 1997, table 14
1994	conch	4.00	Barshinger 1997, table 14
1994	hand	4.00	Barshinger 1997, table 14
1994	line	4.00	Barshinger 1997, table 14
1994	lobster	7.00	Barshinger 1997, table 14
1994	net	4.00	Barshinger 1997, table 14
1994	trap	3.50	Barshinger 1997, table 14
1994	whelk	10.00	Barshinger 1997, table 14
1995	baitfish	3.00	Barshinger 1997, table 14
1995	conch	5.00	Barshinger 1997, table 14
1995	hand	4.00	Barshinger 1997, table 14
1995	line	4.00	Barshinger 1997, table 14
1995	lobster	7.00	Barshinger 1997, table 14
1995	net	4.00	Barshinger 1997, table 14
1995	trap	3.50	Barshinger 1997, table 14
1995	whelk	10.00	Barshinger 1997, table 14
1996	angelfish	3.50	Uwate and Tobias 2002, table 3
1996	baitfish	3.00	Tobias et al 2000, table 17
1996	baitfish	3.00	Uwate and Tobias 2002, table 2
1996	baitfish	3.00	Uwate and Tobias 2002, table 3
1996	barracuda	3.50	Uwate and Tobias 2002, table 3
1996	conch	5.00	Tobias et al 2000, table 17
1996	conch	5.00	Uwate and Tobias 2002, table 2
1996	conch	5.00	Uwate and Tobias 2002, table 3
1996	dolphin	4.00	Uwate and Tobias 2002, table 3
1996	goatfish	3.50	Uwate and Tobias 2002, table 3
1996	grouper	4.00	Uwate and Tobias 2002, table 3
1996	grunt	3.50	Uwate and Tobias 2002, table 3
1996	hand	4.00	Tobias et al 2000, table 17
1996	hand	4.00	Uwate and Tobias 2002, table 2

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/references
1996	jack	3.50	Uwate and Tobias 2002, table 3
1996	line	4.00	Tobias et al 2000, table 17
1996	line	4.00	Uwate and Tobias 2002, table 2
1996	lobster	7.00	Tobias et al 2000, table 17
1996	lobster	7.00	Uwate and Tobias 2002, table 2
1996	lobster	7.00	Uwate and Tobias 2002, table 3
1996	mackerel	4.00	Uwate and Tobias 2002, table 3
1996	net	4.00	Tobias et al 2000, table 17
1996	net	4.00	Uwate and Tobias 2002, table 2
1996	parrotfish	3.50	Uwate and Tobias 2002, table 3
1996	shellfish	3.50	Uwate and Tobias 2002, table 3
1996	snapper	4.00	Uwate and Tobias 2002, table 3
1996	surgeonfish	3.50	Uwate and Tobias 2002, table 3
1996	trap	3.50	Tobias et al 2000, table 17
1996	trap	3.50	Uwate and Tobias 2002, table 2
1996	triggerfish	3.50	Uwate and Tobias 2002, table 3
1996	tuna	4.00	Uwate and Tobias 2002, table 3
1996	wahoo	4.00	Uwate and Tobias 2002, table 3
1996	whelk	10.00	Tobias et al 2000, table 17
1996	whelk	10.00	Uwate and Tobias 2002, table 2
1996	whelk	10.00	Uwate and Tobias 2002, table 3
1997	angelfish	3.50	Uwate and Tobias 2002, table 3
1997	baitfish	3.00	Uwate and Tobias 2002, table 3
1997	baitfish	3.00	Tobias et al 2000, table 17
1997	baitfish	3.00	Uwate and Tobias 2002, table 2
1997	barracuda	3.50	Uwate and Tobias 2002, table 3
1997	conch	5.00	Uwate and Tobias 2002, table 3
1997	conch	5.00	Tobias et al 2000, table 17
1997	conch	5.00	Uwate and Tobias 2002, table 2
1997	dolphin	4.00	Uwate and Tobias 2002, table 3
1997	goatfish	3.50	Uwate and Tobias 2002, table 3
1997	grouper	4.00	Uwate and Tobias 2002, table 3
1997	grunt	3.50	Uwate and Tobias 2002, table 3
1997	hand	4.00	Tobias et al 2000, table 17
1997	hand	4.00	Uwate and Tobias 2002, table 2
1997	jack	3.50	Uwate and Tobias 2002, table 3
1997	line	4.00	Tobias et al 2000, table 17

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/references
1997	line	4.00	Uwate and Tobias 2002, table 2
1997	lobster	7.00	Uwate and Tobias 2002, table 3
1997	lobster	7.00	Tobias et al 2000, table 17
1997	lobster	7.00	Uwate and Tobias 2002, table 2
1997	mackerel	4.00	Uwate and Tobias 2002, table 3
1997	net	4.00	Tobias et al 2000, table 17
1997	net	4.00	Uwate and Tobias 2002, table 2
1997	parrotfish	3.50	Uwate and Tobias 2002, table 3
1997	shellfish	3.50	Uwate and Tobias 2002, table 3
1997	snapper	4.00	Uwate and Tobias 2002, table 3
1997	surgeonfish	3.50	Uwate and Tobias 2002, table 3
1997	trap	3.50	Tobias et al 2000, table 17
1997	trap	3.50	Uwate and Tobias 2002, table 2
1997	triggerfish	3.50	Uwate and Tobias 2002, table 3
1997	tuna	4.00	Uwate and Tobias 2002, table 3
1997	wahoo	4.00	Uwate and Tobias 2002, table 3
1997	whelk	10.00	Uwate and Tobias 2002, table 3
1997	whelk	10.00	Tobias et al 2000, table 17
1997	whelk	10.00	Uwate and Tobias 2002, table 2
1998	angelfish	3.50	Uwate and Tobias 2002, table 3
1998	baitfish	3.00	Uwate and Tobias 2002, table 3
1998	baitfish	3.00	Tobias et al 2000, table 17
1998	baitfish	3.00	Uwate and Tobias 2002, table 2
1998	barracuda	3.50	Uwate and Tobias 2002, table 3
1998	conch	5.00	Uwate and Tobias 2002, table 3
1998	conch	5.00	Tobias et al 2000, table 17
1998	conch	5.00	Uwate and Tobias 2002, table 2
1998	dolphin	4.00	Uwate and Tobias 2002, table 3
1998	goatfish	3.50	Uwate and Tobias 2002, table 3
1998	grouper	4.00	Uwate and Tobias 2002, table 3
1998	grunt	3.50	Uwate and Tobias 2002, table 3
1998	hand	4.00	Tobias et al 2000, table 17
1998	hand	4.00	Uwate and Tobias 2002, table 2
1998	jack	3.50	Uwate and Tobias 2002, table 3
1998	line	4.00	Tobias et al 2000, table 17
1998	line	4.00	Uwate and Tobias 2002, table 2
1998	lobster	7.00	Uwate and Tobias 2002, table 3

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/references
1998	lobster	7.00	Tobias et al 2000, table 17
1998	lobster	7.00	Uwate and Tobias 2002, table 2
1998	mackerel	4.00	Uwate and Tobias 2002, table 3
1998	net	4.00	Tobias et al 2000, table 17
1998	net	4.00	Uwate and Tobias 2002, table 2
1998	parrotfish	3.50	Uwate and Tobias 2002, table 3
1998	shellfish	3.50	Uwate and Tobias 2002, table 3
1998	snapper	4.00	Uwate and Tobias 2002, table 3
1998	surgeonfish	3.50	Uwate and Tobias 2002, table 3
1998	trap	3.50	Tobias et al 2000, table 17
1998	trap	3.50	Uwate and Tobias 2002, table 2
1998	triggerfish	3.50	Uwate and Tobias 2002, table 3
1998	tuna	4.00	Uwate and Tobias 2002, table 3
1998	wahoo	4.00	Uwate and Tobias 2002, table 3
1998	whelk	10.00	Uwate and Tobias 2002, table 3
1998	whelk	10.00	Tobias et al 2000, table 17
1998	whelk	10.00	Uwate and Tobias 2002, table 2
2002	angelfish	3.00	DFW internal files
2002	baitfish	5.00	DFW internal files
2002	barracuda	3.00	DFW internal files
2002	conch	4.40	DFW internal files
2002	dolphin	4.80	DFW internal files
2002	goatfish	3.00	DFW internal files
2002	grouper	4.80	DFW internal files
2002	grunt	3.40	DFW internal files
2002	jack	3.00	DFW internal files
2002	lobster	6.80	DFW internal files
2002	mackerel	4.80	DFW internal files
2002	parrotfish	3.00	DFW internal files
2002	shellfish	3.00	DFW internal files
2002	snapper	4.80	DFW internal files
2002	surgeonfish	3.00	DFW internal files
2002	triggerfish	3.00	DFW internal files
2002	tuna	4.80	DFW internal files
2002	wahoo	4.80	DFW internal files
2003	baitfish	1.00	DFW internal files
2003	barracuda	3.00	DFW internal files

Appendix 2 (continued). St. Croix Ex-vessel Fish Prices For Gear Type, and Species Groups for 1974 to 2003 Fishing Years, By Year*			
year	category	price	source/references
2003	conch	5.50	DFW internal files
2003	dolphin	4.13	DFW internal files
2003	goatfish	3.33	DFW internal files
2003	grouper	4.00	DFW internal files
2003	grunt	3.33	DFW internal files
2003	jack	3.50	DFW internal files
2003	lobster	6.92	DFW internal files
2003	mackerel	3.31	DFW internal files
2003	parrotfish	3.33	DFW internal files
2003	porgy	3.33	DFW internal files
2003	shellfish	2.42	DFW internal files
2003	snapper	3.69	DFW internal files
2003	surgeonfish	3.33	DFW internal files
2003	triggerfish	3.42	DFW internal files
2003	tuna	4.13	DFW internal files
2003	wahoo	4.13	DFW internal files
2003	whelk	1.84	DFW internal files
*note: Only categories and years where prices were identified are included here.			

APPENDIX 3.
Linear Regression Values for General Trend Lines in Select Figures

Figure No.	District	Gear Catch/ Species Group	Linear Regression	r²
3	STT/STJ	overall	0.101X – 197.46	0.464
3	STX	overall	0.1064X – 208.3	0.4917
4, 20	STT/STJ	conch	0.1537X – 301.88	0.5583
4, 21	STT/STJ	lobster	0.1543X – 301.6	0.7848
5, 24	STT/STJ	hand	0.1594X – 313.86	0.9509
5, 26	STT/STJ	net	0.1481X – 291.59	0.8845
6, 23	STT/STJ	trap	0.1188X – 233.72	0.8408
6, 25	STT/STJ	line	0.1501X – 295.66	0.7786
7, 22	STT/STJ	whelk	0.2231X – 437.76	0.2295
7, 27	STT/STJ	baitfish	0.018X – 33.002	0.0045
8, 28	STT/STJ	angelfish	-00691X + 141.46	0.9419
8, 29	STT/STJ	barracuda	-0.0106X + 24.118	0.2766
8, 42	STT/STJ	dolphin	0.0545X – 104.75	0.1727
8, 30	STT/STJ	goatfish	-0.0132X + 29.513	0.02
9, 31	STT/STJ	grouper	0.1437X – 283.39	0.635
9, 32	STT/STJ	grunt	-0.0378X + 79.091	0.5665
9, 33	STT/STJ	jack	-0.1915X + 386.8	0.7138
9, 34	STT/STJ	mackerel	0.0184X – 33.253	0.0056
10, 35	STT/STJ	parrotfish	-0.0754X + 154.03	0.9043
10, 36	STT/STJ	shellfish	-0.061X + 124.83	0.2766
10, 37	STT/STJ	snapper	0.1193X – 234.66	0.4038
10, 40	STT/STJ	tuna	0.088X – 171.87	0.5062
11, 39	STT/STJ	triggerfish	-0.0754X + 154.03	0.9043
11, 38	STT/STJ	surgeonfish	-0.0754X + 154.03	0.9043
11, 41	STT/STJ	wahoo	0.088X – 171.87	0.5062
12, 20	STX	conch	0.1789X – 352.52	0.877
12, 21	STX	lobster	0.1749X – 342.21	0.8121
13, 24	STX	hand	0.141X – 277.51	0.9376
13, 26	STX	net	0.1454X – 286.39	0.7968
14, 23	STX	trap	0.1178X – 231.88	0.7279
14, 25	STX	line	0.1479X – 291.37	0.85
15, 22	STX	whelk	0.292X – 573.89	0.2945
15, 27	STX	baitfish	-0.0179X + 38.743	0.0045
16, 28	STX	angelfish	-0.0904X + 183.94	0.9036
16, 29	STX	barracuda	-0.0851X + 173.34	0.9356
16, 42	STX	dolphin	0.07X – 135.71	0.3921
16, 30	STX	goatfish	-0.0524X + 108.14	0.5641
17, 31	STX	grouper	0.0577X – 111.26	0.2526
17, 32	STX	grunt	-0.0235X + 50.507	0.9127
17, 33	STX	jack	-0.0361X + 75.536	0.2526
17, 34	STX	mackerel	-0.0096X + 23.216	0.0032

APPENDIX 3 (continued).
Linear Regression Values for General Trend Lines in Select Figures

Figure No.	District	Gear Catch/ Species Group	Linear Regression	r²
18, 35	STX	parrotfish	-0.0524X + 108.14	0.5641
18, 36	STX	shellfish	-0.1422X + 287.43	0.8505
18, 37	STX	snapper	0.0271X – 50.133	0.0414
18, 40	STX	tuna	0.07X – 135.71	0.3921
19, 39	STX	triggerfish	-0.0442X + 91.836	0.4021
19, 38	STX	surgeonfish	-0.0524X + 108.14	0.5641
19, 41	STX	wahoo	0.07X – 135.71	0.3921