

LIST OF LINKED DATA AND MAPS

The *State of the Bay, Third Edition* contains links to a number GeoPDF maps and Excel data files to give readers greater access to the data and maps developed by the Galveston Bay Status and Trends Project.

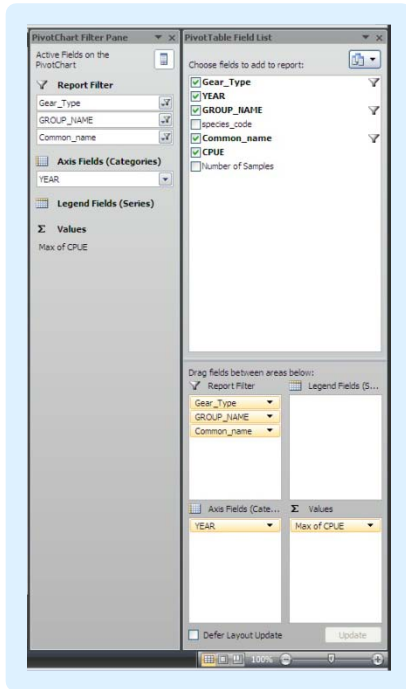


Figure 1. Excel pivot chart filters.

Pivot charts are a type of data analysis tool in Microsoft Excel that enables users to query and visualize data in graph form. By clicking on and off various filters, users can customize graph views according to year, month, season, area of the bay, water quality parameter, species of interest, etc. (see Figure 2).

GeoPDF's are used to present GIS and mapping data in a standard Adobe Systems PDF. GeoPDF's can be opened using Adobe Acrobat or Adobe Acrobat Reader. By clicking on a GeoPDF's layers icon (see Figure 1), users can turn on and off GIS layers without the use of sophisticated GIS software. The GeoPDF's created for the *State of the Bay, Third Edition* allow users to overlay watershed boundaries and other geospatial data.

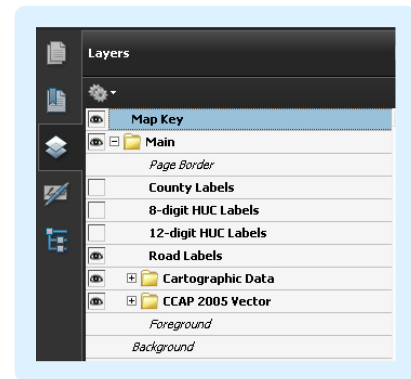


Figure 2. GeoPDF layer sidebar.

Below is a list of figure in the *State of the Bay, Third Edition* that are linked to GeoPDF's and Excel pivot charts.

Table 1. List of linked data and maps in the State of the Bay, Third Edition.

Figure Number and Name		Linked Data Type
Figure 2.3	Upper and Lower Galveston Bay Watershed	GeoPDF
Figure 4.11	Galveston Bay Developed and Undeveloped Shoreline	GeoPDF
Figure 4.13	Oil and gas wells in the Lower Galveston Bay Watershed	GeoPDF
Figure 4.15	Water Supply Reservoirs in Region H	GeoPDF
Figure 4.18	Location of Clean Texas Marinas around Galveston Bay	GeoPDF
Figure 6.2	GBEP Segmentation Scheme	GeoPDF
Table 6.3	Oil spills Reported Annually in the Lower Galveston Bay Watershed	Pivot Chart
Figure 6.4 & 6.5	Surface Water Temperature in Galveston Bay	Pivot Chart
Figure 6.6	Average Annual pH in Galveston Bay	Pivot Chart
Figure 6.8 & 6.9	Average Annual Dissolved Oxygen in Galveston Bay	Pivot Chart
Figure 6.10 & 11	Average Annual Salinity in Galveston Bay	Pivot Chart
Figure 6.13	Indicator of Nutrients and Chlorophyll <i>a</i> in Galveston Bay	Pivot Chart
Figure 6.15 & 6.16	Average Annual Total Phosphorus in Galveston Bay	Pivot Chart
Figure 6.18 & 6.19	Average Annual Ammonia in Galveston Bay	Pivot Chart
Figure 6.20	Average Annual Chlorophyll <i>a</i> in Galveston Bay	Pivot Chart
Figure 6.21	Indicator of Pathogens in Galveston Bay	Pivot Chart
Figure 6.22	305(b)/303(d) Listed Streams located in the Galveston Bay Region	GeoPDF
Figure 6.23 & 6.24	Average Annual Fecal Coliform in Galveston Bay	Pivot Chart
Figure 6.26	Indicator of Metals in Galveston Bay Sediments	Pivot Chart
Figure 6.27	Developed Land in the Lower Galveston Bay Watershed	GeoPDF
Figure 6.28	Concentration of Dioxins in Galveston Bay Sediments	Pivot Chart
Figure 6.29	Indicator of Industrial Organics in Galveston Bay Sediments	Pivot Chart
Figure 7.1	2005 Land Use Land Cover in the Lower Galveston Bay Watershed	GeoPDF
Figure 7.17	Historical Seagrass Distribution in Galveston Bay	GeoPDF
Figure 7.19	Historical Oyster Reef Distribution in Galveston Bay	GeoPDF
Figure 8.2	Oligochaete Density in Galveston Bay	GeoPDF
Figure 8.3	Polychaete (genus <i>Streblospio</i>) Density in Galveston Bay	GeoPDF
Figure 8.4	Annual CPUE of White Shrimp Collected in Bag Seine	Pivot Chart
Figure 8.5	Annual CPUE of Brown Shrimp Collected in Bag Seine	Pivot Chart
Figure 8.6	Annual CPUE of White Shrimp Collected in Shrimp Trawl	Pivot Chart
Figure 8.7	Annual CPUE of Brown Shrimp Collected in Shrimp Trawl	Pivot Chart
Figure 8.8 & 8.9	Annual CPUE of Blue Crab Collected in Shrimp Trawl	Pivot Chart
Figure 8.10 & 8.11	Annual CPUE of Blue Crab Collected in Bag Seine	Pivot Chart
Figure 8.12 & 8.13	Annual CPUE of Eastern Oyster Collected in Oyster Dredge	Pivot Chart
Figure 8.14	Annual CPUE of Gulf Menhaden Collected in Bag Seine	Pivot Chart
Figure 8.15 & 8.16	Annual CPUE of Gulf Menhaden Collected in Shrimp Trawl	Pivot Chart
Figure 8.17 & 8.18	Annual CPUE of Atlantic Croaker Collected in Shrimp Trawl	Pivot Chart
Figure 8.19	Annual CPUE of Atlantic Croaker Collected in Gill Net	Pivot Chart
Figure 8.20	Annual CPUE of Southern Flounder Collected in Bag Seine	Pivot Chart
Figure 8.21	Annual CPUE of Southern Flounder Collected in Shrimp Trawl	Pivot Chart

	Continued... Figure Number and Name	Linked Data Type
Figure 8.22 & 8.23	Annual CPUE of Spotted Seatrout Collected in Gill Net	Pivot Chart
Figure 8.24	Annual CPUE of Gafftopsail Catfish Collected in Shrimp Trawl	Pivot Chart
Figure 8.25	Annual CPUE of Gray Snapper Collected in Gill Net	Pivot Chart
Figure 8.30	Annual Number of Great Blue Heron Nesting Pairs	Pivot Chart
Figure 8.31	Annual Number of Forster's Tern Nesting Pairs	Pivot Chart
Figure 8.32	Annual Number of Black Skimmer Nesting Pairs	Pivot Chart
Figure 8.33	Annual Number of Brown Pelican Nesting Pairs	Pivot Chart
Figure 8.34	Annual Number of Laughing Gull Nesting Pairs	Pivot Chart
Figure 9.3	Shellfish Harvest Areas in Galveston Bay	GeoPDF
Figure 9.8	Seafood Consumption Advisory Areas in Galveston Bay	GeoPDF
Figure 10.3	Projected Population Growth in the Lower Galveston Bay Watershed	GeoPDF