

# *Research Strategies, Inc.*

## **Consumer & Business-to-Business Market Research**

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**ResearchStrategiesInc.com**

### **Mobile Bay National Estuary Program Community Attitude Research Report For Mobile & Baldwin Counties, Alabama Executive Summary**

**June 5, 2011**

#### **Research Strategies, Inc.**

Research Strategies, Inc. is a Full-Service, Primary Consumer & Business-to-Business Market Research Company located in Mobile, Alabama, New Orleans, Louisiana and Atlanta, Georgia. Our company provides market research services throughout the United States, Canada, Mexico and the Caribbean. Since 1986, Research Strategies, Inc. has successfully conducted over 1,700 qualitative and quantitative research projects for companies/organizations in the private and governmental sectors.

#### **Methodology**

Research Strategies has a well-respected, national reputation for obtaining Random Digit Data (RDD) using Stratified Sampling Models based on ZIP Code population. This methodology provides the research with an accurate representation of the Mobile Bay National Estuary Program's primary market area, ensuring that their research was conducted with individuals who have not been preconditioned by being previously subjected to other qualitative and quantitative research methodologies. The advantage gained by RDD is that the research participants are "fresh" and do not have any preconceived opinions and have not formulated a perception of themselves as being estuary or marine research experts.

On May 4, 2011 Research Strategies, Inc. started the Mobile Bay National Estuary Program's Community Attitude Research data retrieval process. The research randomly sampled qualified residents within the residential ZIP Codes making up Mobile and Baldwin counties: the Mobile Bay area. Each ZIP Code's sub-sample was weighted by

current household populations<sup>1</sup> and placed into a Stratified Sample Matrix segmenting Mobile and Baldwin counties. In addition, the Stratified Sample Matrix methodology segmented the sample by individual households living within six (6) blocks or less of a seashore, bay, bayou, river, lake, stream or river (water features) and those that are not. The research offers a Confidence Level of 95% and a repeatable accuracy of +/- 5.0 percentage points or less.

Each of the residents randomly captured during the research data retrieval process were qualified as:

- **Adults 18 to 74 Years of Age**
- **Heads of household**
- **Individuals who have lived in their residence for two (2) years or greater**

A total of five hundred and fifty (N = 550) completed telephone surveys were captured for the research's analysis. This sample size required the following performance from Research Strategies, Inc.'s in-house Consumer Telephone Operations Center:

<b>Mobile Bay National Estuary Program Community Attitude Research Data Retrieval Summary</b>	
<b>Performance Categories</b>	<b>Total Samples</b>
Total Completed Surveys	550
Total Terminates	102
Total Calls Made	12,160
Actual Calls	3,206
Avg. Interview Length	00:15:15
Refusals	19.74%
Incidence Rate	84.36%

The Demographic Profile of the individuals participating in the Mobile Bay National Estuary Program's Community Attitude Research is the following. This Demographic Profile segments Mobile and Baldwin Counties.

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<sup>1</sup> 2011 United States Census Bureau

<b>Mobile Bay National Estuary Program's Community Attitude Research Demographic Profile</b>			
<b>Demographics</b>	<b>Total Sample</b>	<b>Mobile County</b>	<b>Baldwin County</b>
Gender:			
Male	41.09%	39.14%	45.20%
Female	58.91%	60.86%	54.80%
Avg. Age	53.48 Yrs.	53.63 Yrs.	53.18 Yrs.
Racial Skew:			
White/Caucasian	76.73%	69.97%	90.96%
Black/African American	20.91%	27.08%	7.91%
Hispanic	0.36%	0.00%	1.13%
Asian	0.55%	0.80%	0.00%
People Living in Household	2.44	2.47	2.36
Children under 18 Living In Household	1.18	1.20	1.12
Marital Status:			
Married	68.00%	65.15%	74.01%
Divorced	9.82%	9.12%	11.30%
Single	12.00%	13.94%	07.91%
Widowed	10.18%	11.80%	06.78%
Avg. Household Income	\$53,031.50	\$51,031.85	\$57,245.43
Employment Status:			
Full-Time Employed	45.27%	44.24%	47.46%
Part-Time Employed	7.27%	7.24%	7.34%
Retired	29.09%	28.15%	31.07%
Disable	8.36%	8.85%	7.34%
Student	1.64%	1.88%	1.13%
Unemployed	8.00%	9.38%	5.08%
Education Status:			
Less than High School	6.73%	8.31%	3.39%
High School Grad./GED	30.18%	31.64%	27.68%
Some College/Trade School	25.09%	24.66%	25.99%
College Graduate	24.55%	23.06%	27.68%
Post Graduate	12.55%	12.06%	13.56%

The Demographic Profile is similar to the United States Census data.

The research asked the residents to define several of their lifestyle indicators that described their living situation. Their Lifestyle Indicator Profile is the following:

Mobile Bay National Estuary Program's Community Attitude Research Lifestyle Indicator Profile			
Demographics	Total Sample	Mobile County	Baldwin County
Longevity in Residence	13.92 Yrs.	14.58 Yrs.	12.54 Yrs.
Political Affiliation:			
Republican	39.82%	35.12%	49.72%
Democrat	27.45%	33.21%	15.25%
Independent	27.64%	27.08%	28.81%
Live within 6 Blocks of Water	46.00%	42.90%	52.54%
Live more than 6 Blks. of Water	54.00%	57.10%	47.46%
Leisure/Outdoor Activities:			
Fishing	16.25%	17.22%	14.57%
Visiting Seashores/Waterfront	17.17%	17.42%	16.95%
Boating/Water Sports	11.98%	11.59%	12.98%
Nature Tours	12.90%	12.84%	13.11%
Sightseeing	9.41%	9.23%	9.54%
Cycling	5.19%	4.72%	6.23%
Hunting	7.10%	7.27%	6.75%
Dining	19.56%	19.32%	19.34%
Local Economic Generators			
Commercial Fishing	21.64%	22.52%	19.77%
Recreational Fishing	25.64%	25.47%	25.99%
Area Shipyards	10.18%	11.53%	7.34%
Tourism	22.36%	17.43%	32.77%
Port of Mobile	7.27%	8.85%	3.95%
Industry/Manufacturing	8.00%	9.38%	5.08%
Forest Products	4.73%	4.83%	4.52%

***Research Observation:*** The Lifestyle Indicators show Mobile County residents have a higher tendency for recreational fishing, while Baldwin County residents enjoy boating/water sports.

***Research Observation:*** Baldwin County residents regard Tourism and Recreational Fishing as the leading economic generators impacting their “quality of life,” while Recreational and Commercial Fishing are the two strongest economic generators cited by Mobile residents.

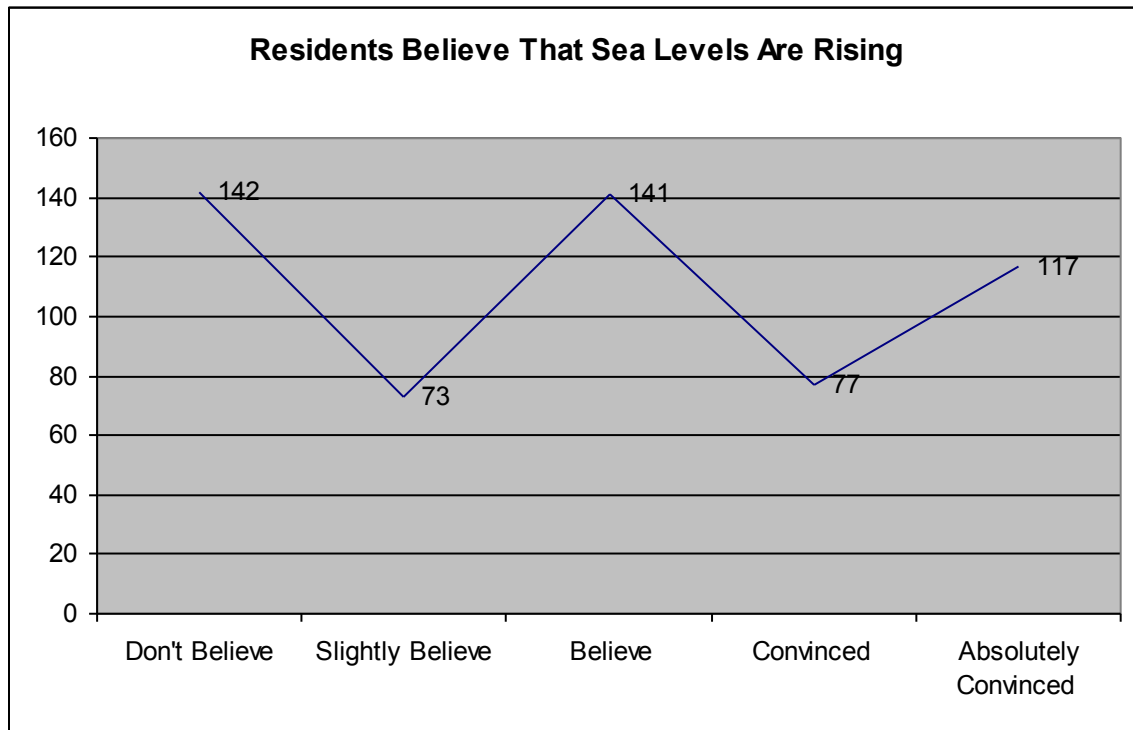
***Research Observation:*** The random sampling methodology used in the research process indicates that 46.00% of the two counties’ residents live within 6 blocks or less from a seashore, bay, bayou, river, lake, stream or river (water features).

### **Mobile Bay Residents' Environmental Compass**

60.55% of the randomly sampled residents indicate, "The environmental protection should have a balance with commercial/economic growth." Only 26.18% of the population indicates that they are more in favor of the environment, while 13.27% say that they are more in favor of commercial/economic growth.

**Research Observation:** *The Baldwin County residents have 12.10% more "environment priority" over Mobile County residents<sup>2</sup>. And individuals living within 6 blocks or less from water features have 13.21% more "environmental priority" than the full sample<sup>3</sup>.*

Most of the Mobile and Baldwin County residents have a mixed perception as to whether the sea level is rising or not. The Mobile County residents and residents living within 6 blocks or less of a water feature have a slightly stronger belief that the sea level is rising than the full sample.



41.09% of the total population has an unaided understanding as to what is an estuary. This knowledge increased to 49.15% among Baldwin County residents and falls off to 37.27% among Mobile County residents.

**Research Observation:** *The residents living within 6 blocks or less from water features have a 12.55% higher correct understanding of what an estuary is than the full sample<sup>4</sup>.*

<sup>2</sup> 28.25% - 25.20% = 3.05 Percentage Points/ 25.20% = 12.10%

<sup>3</sup> 29.64% - 26.18% = 3.46 Percentage Points/26.18% = 13.21%

<sup>4</sup> 46.25% - 41.09% = 5.16 Percentage Points/41.09% = 12.55%

When the residents are asked to rate the importance of Mobile Bay to the economic welfare of the State of Alabama, using a scale of one (1) to five, where five (5) is the most important, their average score is 4.62. Baldwin County residents rate the importance 7.79% higher than the total sample<sup>5</sup>. But there was very little scoring change (less than 0.87%) with residents living within 6 blocks or less from a water feature.

Again using a scale of one (1) to five, where five (5) is the most important, the Mobile Bay residents indicate that the overall health of Mobile Bay is an average score of 3.12. This score should be regarded as just slightly above average.

***Research Observation:*** Baldwin County residents view the overall health of Mobile Bay 5.97% less than Mobile County residents<sup>6</sup>. The residents' average score who live within 6 blocks or less from water features is almost identical (1.28% less) with the Mobile sub-sample<sup>7</sup>.

Another question asked of the residents used a scale of one (1) to five, where five (5) is the most important, to probe their perception of the overall quality of life in their specific county. The total sample offered an average score of 4.22, with Mobile County residents scoring 4.29 and Baldwin County residents scoring 4.06. Residents living within 6 blocks or less from a water feature give an average score of 4.40.

***Research Observation:*** Mobile County residents consider their overall quality of life to be 5.67% better than Baldwin County residents<sup>8</sup>.

The features of Mobile Bay having the most profound or positive impact on coastal Alabama are:

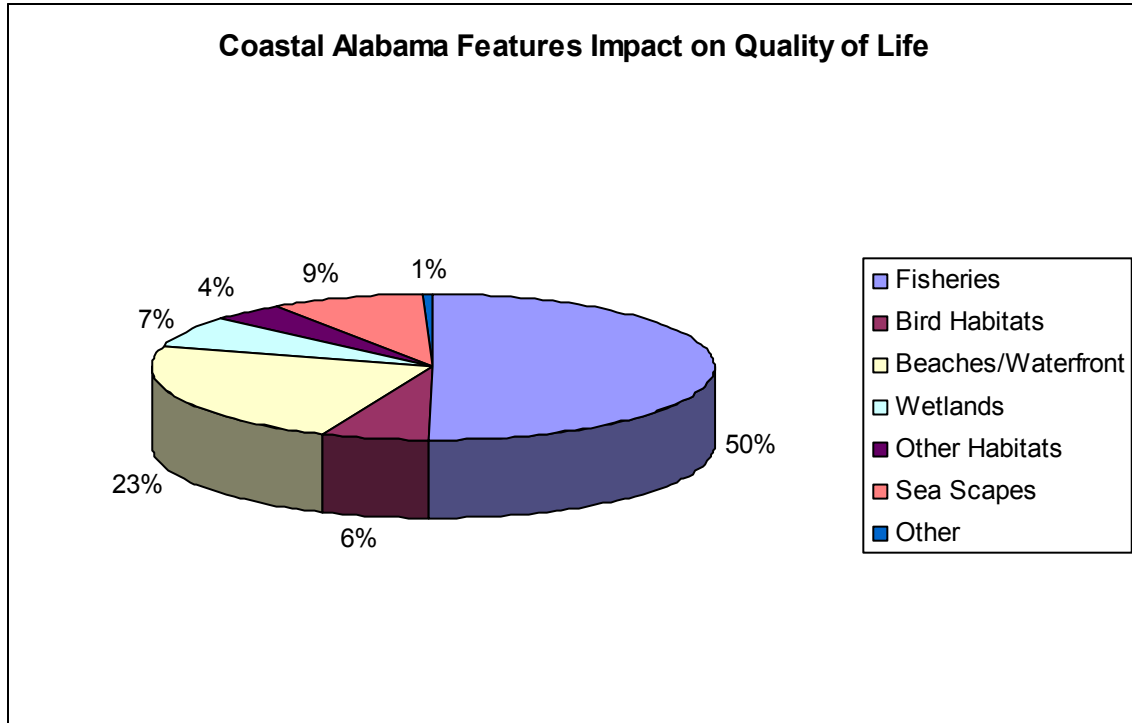
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<sup>5</sup>  $4.98 - 4.62 = 0.36/4.62 = 7.79\%$

<sup>6</sup>  $3.18 - 2.99 = 0.19/3.18 = 5.97\%$

<sup>7</sup>  $4.66 - 4.62 = 0.04/4.62 = 0.87\%$

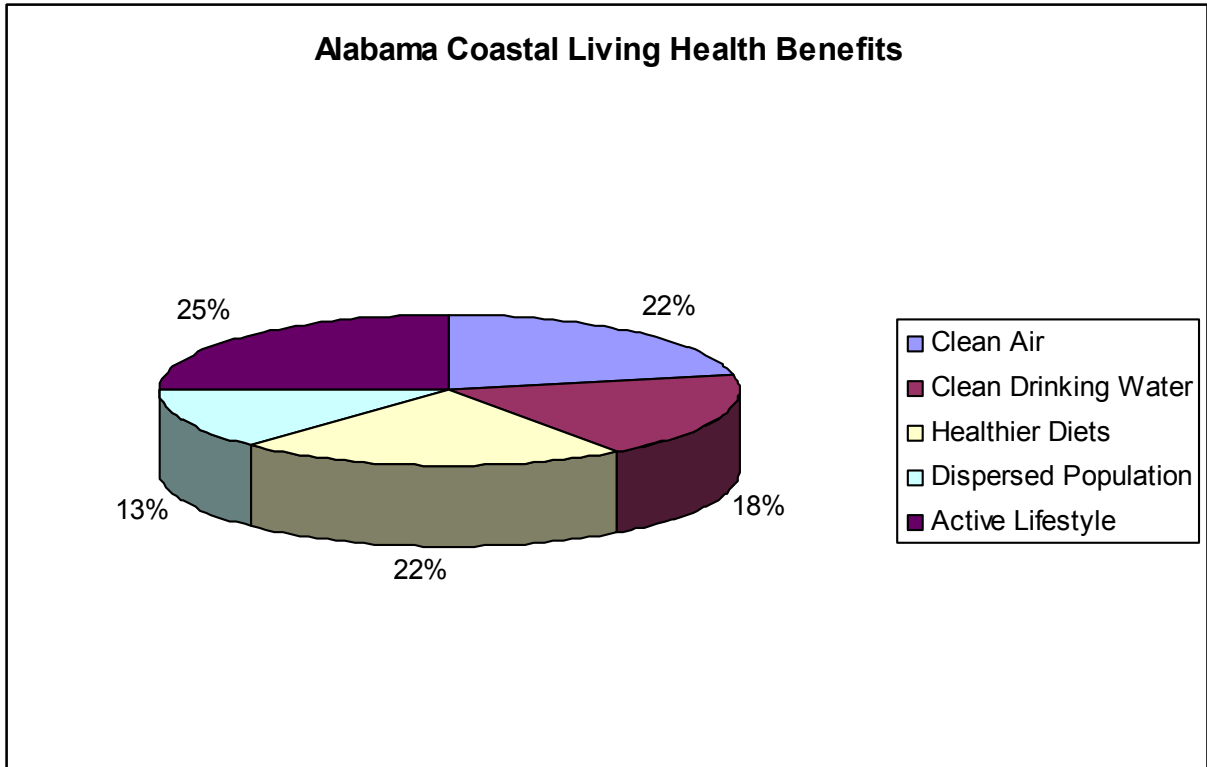
<sup>8</sup>  $4.29 - 4.06 = 0.23/4.06 = 5.67\%$



**Research Observation:** Both Mobile and Baldwin County residents look at “Fishing/Fisheries Habitats” as the primary coastal Alabama features impacting their quality of life (Mobile County resident (50.94%) and Baldwin County residents (48.59%). 52.17% of the residents living within 6 blocks or less of a water feature also consider “Fishing/Fisheries Habitats” as the most important aspect. Next follows the “Beaches, shoreline and waterfront access” (23.06% and 23.73% respectively). 19.76% of the people living within 6 blocks or less from a water feature consider, “Beaches, shoreline and waterfront access” as the second most importance aspect. The importance of the beach, shoreline and waterfront access gains about 12.84% more importance among individuals living greater than 6 blocks from a water feature<sup>9</sup>.

The health benefits Mobile and Baldwin County residents associate to living along Alabama’s coast are:

<sup>9</sup> 23.27% - 26.26% - 2.99 Percentage Points/23.27% = 12.84%



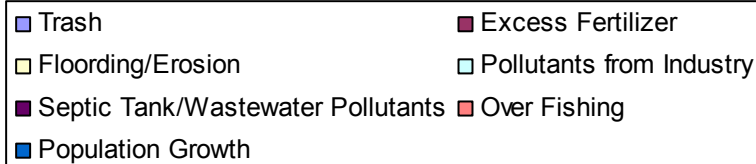
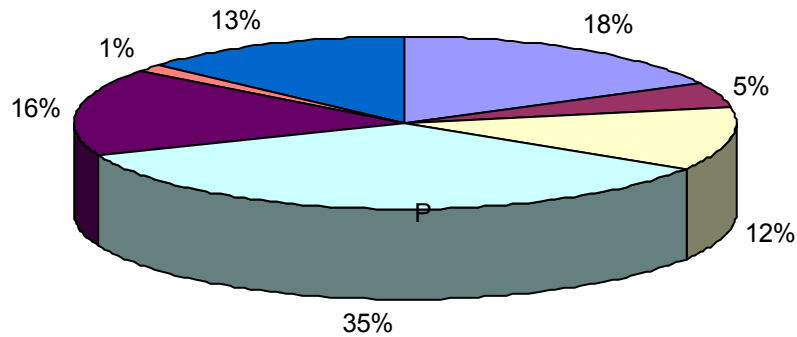
***Research Observation:*** *The equal distribution of “Coastal Living Health Benefits” responses indicate that the population does not see any one benefit as having a superior branding position for Mobile Bay area and/or the Mobile Bay Estuary System.*

**Problems Facing Mobile Bay & Its Tributaries/Estuaries**

The environmental problems residents perceived as having the greatest impact on Mobile Bay and its tributaries and estuaries are:



### Environmental Problems Impacting Mobile Bay & Its Tributaries

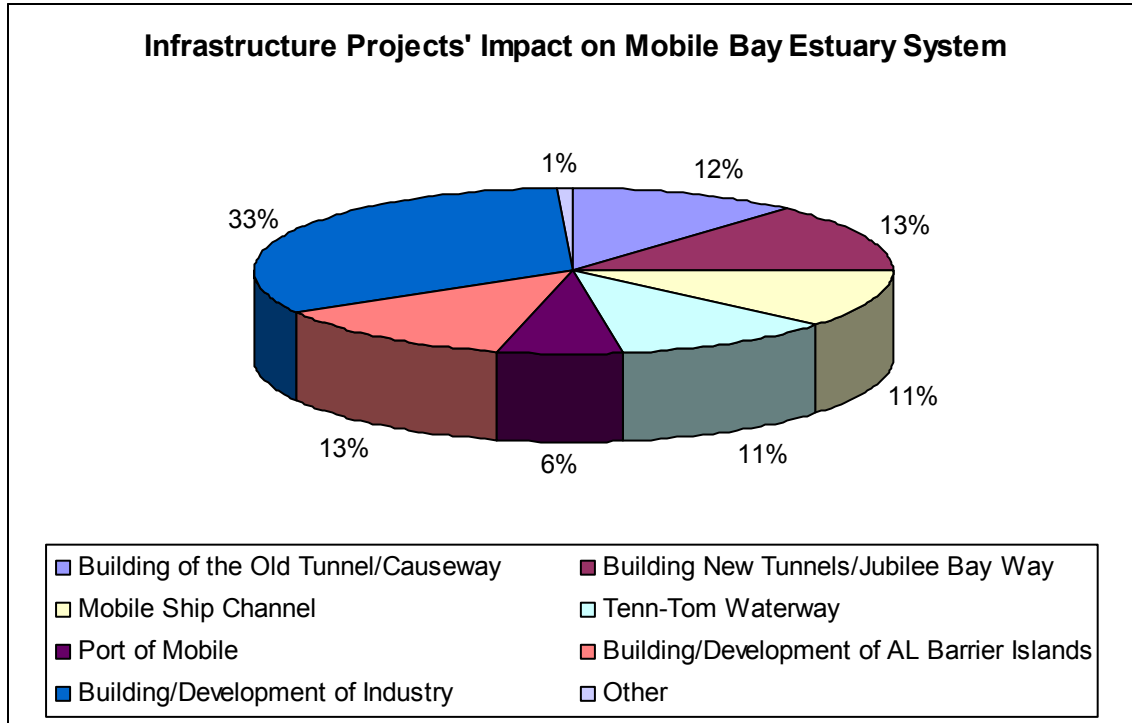


34.36% of the residents cite “Pollutants from industry” as the worse environmental problem facing Mobile Bay. “Pollutants from industry” is perceived as 11.58% more of a problem among Mobile residents, while Baldwin County residents consider “Pollutants from septic system failures and wastewater treatment facilities” to be 15.18% more of a problem than Mobile residents<sup>10</sup>.

56.91% of the two county’s population considers the recent oil spill as having the worse long-term effect on the quality of Mobile Bay. The next most perceived aspect having a long-term effect on Mobile Bay is “Pollutants from industry” (15.82%).

**Research Observation:** *The impact of the oil spill does not get as high of a perceptual rating for having a long-term effect on Mobile Bay among people living within 6 blocks or less of a water feature than people living elsewhere.*

<sup>10</sup> 16.84% - 14.62% = 2.22 Percentage Points/14.62%



32.55% of the population considers “Building/Development of industry in coastal areas” has having had the greatest impact on the quality of Mobile Bay and its estuary system. The next most cited aspect is “The building of the new tunnels and Jubilee Bay Way (Interstates I – 10)” with 13.45% responses.

***Research Observation:*** *The research continues to show that Mobile Bay area residents’ perception of industry in the area is having the greatest impact on the quality of Mobile Bay and its estuary system.*

40.36% of Mobile and Baldwin Counties’ residents say, “contaminants left over from the Deepwater Horizon Oil Spill” and 21.27% indicate “Bacteria from local sewage overflow/septic tank failures” are the most dominant issues impacting Alabama’s seafood supplies coming from Mobile Bay and its estuaries.

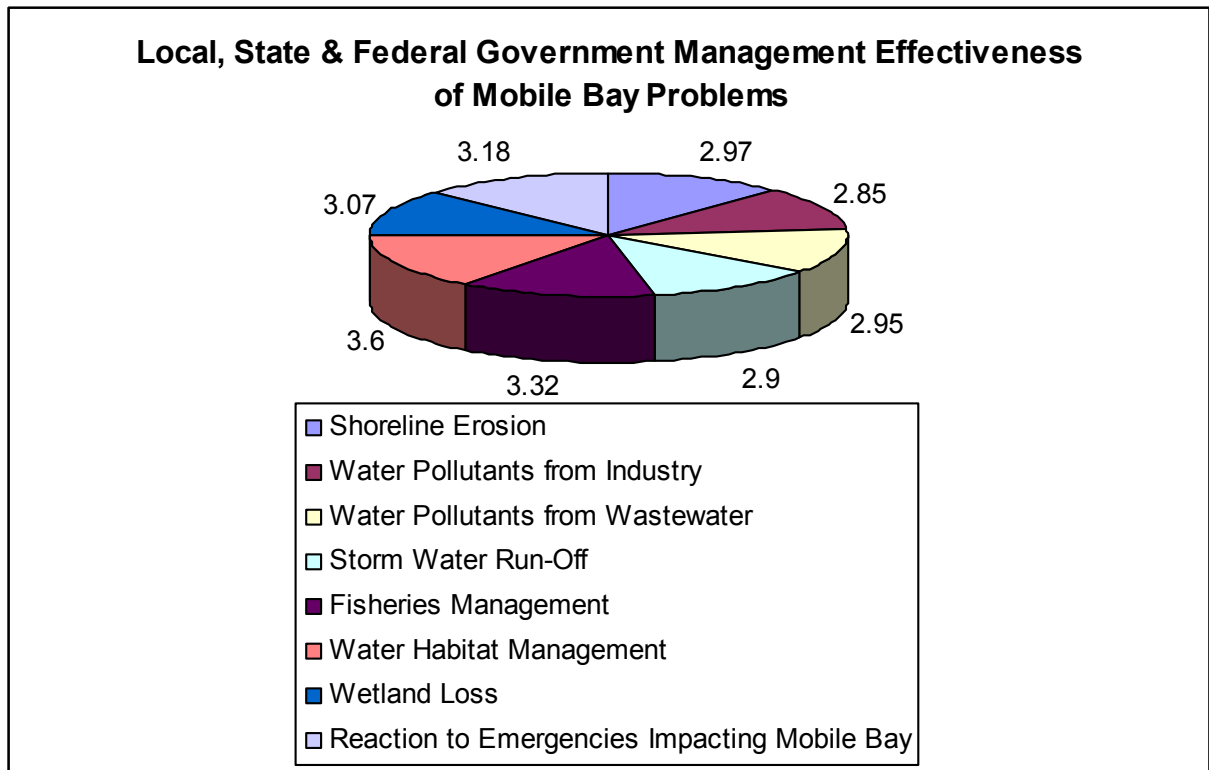
***Research Observation:*** *The residents living within 6 blocks or less of a water feature have 9.78% less of a perception that “contaminants left over from the Deepwater Horizon Oil Spill” is impacting Alabama’s seafood supplies<sup>11</sup>.*

Using a scale of one (1) to five, where five (5) is the most important, the residents were asked to rate the importance of restoration of Mobile Bay and its estuaries fish nursery areas. The average score is 4.62.

Again, using a scale of one (1) to five, where five (5) is the most important, these Mobile and Baldwin County residents were asked to rate the effectiveness of local, state and

<sup>11</sup> 42.09% - 38.34% = 3.75 Percentage Points/38.34% = 9.78%

federal governmental agencies/departments for managing Mobile Bay and its tributaries/estuaries for:

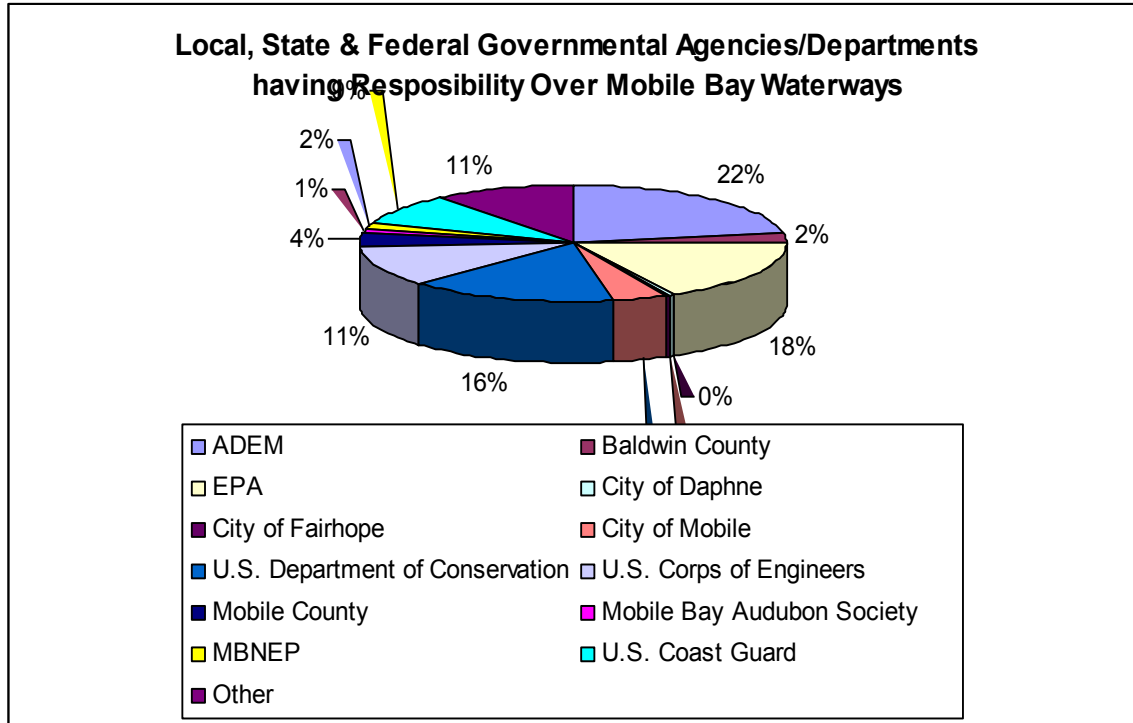


**Research Observation:** *The almost equal distribution of effectiveness scores is an indication that the local, state and federal governmental agencies/departments have a rather mediocre performance perception among Mobile Bay area residents. The only differential comes with “Water Habitat Management,” that has a 16.12% higher score<sup>12</sup>.*

#### **Governmental Agencies’/Departments’ Recognition/Effectiveness**

When asked “what local, state and /or federal governmental agencies do the residents feel have responsibility over the quality of the Mobile Bay waterways,” using an unaided name question format, the results are:

<sup>12</sup>  $24/84/8 = 3.105$  avg. score,  $3.6 - 3.1 = 0.5/3.1 = 16.12\%$



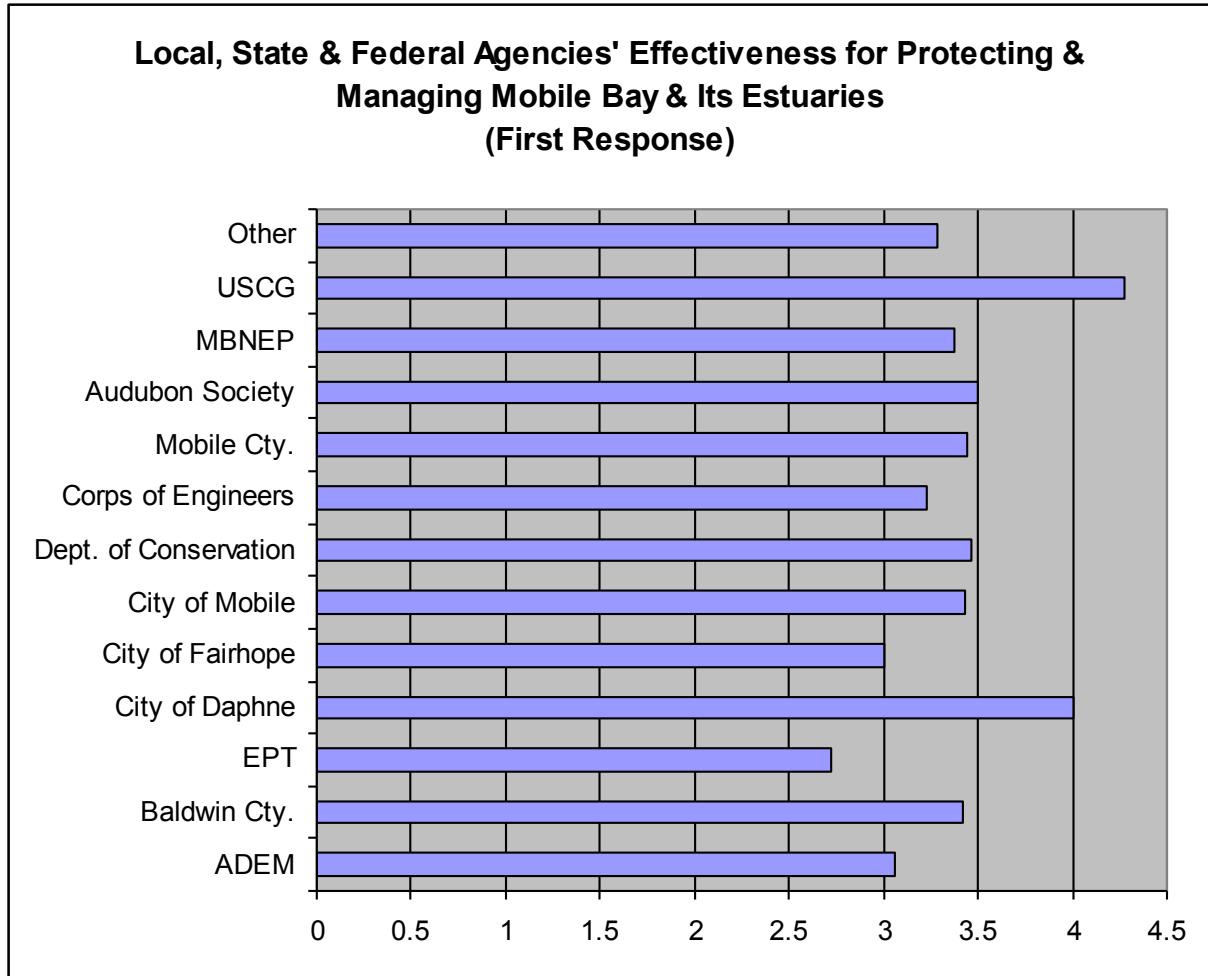
It is interesting to note only 13.27% say that they “do not know.” 20.36 % name the “Alabama Department of Environmental Management (ADEM),” 16.18% indicate “Environmental Protection Agency (EPA),” 10.36% mentions the “United States Army Corps of Engineers” and 14.54% suggest the “United States Department of Conservation & Natural Resources.” The eight (N = 8) other agencies/departments received far lower recognition scores.

**Research Observation:** “Alabama Department of Environmental Management (ADEM)” recognition increases with both Baldwin County residents and individuals living within 6 blocks of a water feature.

**Research Observation:** The unaided name awareness level for the Mobile Bay National Estuary Program is 1.45% as discovered by Question 27.

**Research Observation:** It should be noted that the United States Coast Guard has a very low association (8.00%) with being responsible for Mobile Bay waterways. Later in the research the United States Coast Guard is given the highest score among local, state and federal governmental agencies/departments for protecting and managing Mobile Bay and its estuaries.

Using a five (5) point scale, with five (5) as the most effective, the residents perceive the following local, state & federal agencies’ effectiveness for protecting and managing Mobile Bay and its estuaries/tributaries as the following scores:



**Research Observation:** *Alabama Department of Environmental Management (ADEM) receives the highest recognition for being responsible over Mobile Bay and its tributaries/estuaries, however it receives one of the lowest scores for being “effective in protecting & managing Mobile Bay and its estuaries.”*

**Research Observation:** *The Mobile Bay National Estuary Program is only recognized by 1.45% of the Mobile Bay area population, using an unaided awareness format to identify “local, state and /or federal governmental agencies responsibility over the quality of the Mobile Bay waterways.” However, their effectiveness rate, among this small sub-sample of the population, is rather high for “effective in protecting & managing Mobile Bay and its estuaries.”*

#### **Funding Options for the Agencies/Departments Responsible for Mobile Bay**

33.45% of the population believes that the local, state and federal agencies/departments responsible for protecting and managing Mobile Bay and its tributaries/estuaries should be funded from “Penalties/Fines from polluters.” The next most popular funding methods are “Funded directly from existing county/state funds” (19.64%), “Funded directly from existing federal tax funds” (16.55%) and “Usage fees from area manufacturers/industries” (14.91%). Mobile County residents are more in favor of

funding by “Penalties/Fines from polluters” than Baldwin County residents. Residents living within 6 blocks of a water feature are more inclined to fund these agencies/departments from “usage fees from area manufacturers/industries” (11.33% increase over the total sample)<sup>13</sup>.

### **Mobile Bay National Estuary Program Awareness & Direction**

45.64% of the residents making up the populations of Mobile and Baldwin Counties have an aided name awareness of (have heard of ) the Mobile Bay National Estuary Program. The population only gives the Mobile Bay National Estuary Program a slightly above average performance (3.03 score using a scale of 1 to 5, with 5 as the best performance) for “assembling government, industry, academia and the community to take action that reduces the degradation of Alabama’s waterways and estuaries and to ensure their long-term health.”

The Mobile and Baldwin County residents see the Mobile Bay National Estuary Program’s most important functions as:

1. Habitat Restoration
2. Monitoring of Water & Air Conditions
3. Education & Outreach

The residents in Baldwin County consider Habitat Restoration as the more important function for the Mobile Bay National Estuary Program than Mobile County residents.

The public wants the Mobile Bay National Estuary Program to address the following problems with Mobile Bay and its estuaries:

1. Water Clarity
2. Trash, Pesticides, Urban Residue
3. Public Education/Involvement

### **Research Conclusions**

The Mobile Bay National Estuary Program has an unaided name awareness of 1.45% and a 45.64% aided name awareness. Among those individuals who know of Mobile Bay National Estuary Program’s work, their performance perception is relatively high in comparison to other local, state and federal agencies/departments having responsibility for protection and managing the Mobile Bay tributaries/estuaries. The Mobile Bay National Estuary Program should work on increasing its name awareness and deliver more information to Mobile and Baldwin County residents as to the success of MBNEP’s programs.

The general public has a good understanding of the term “estuary.” Those who did not understand the term at first had very little trouble in grasping the concept once it was explained. This suggests that the Mobile Bay National Estuary Program should continue

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<sup>13</sup> 16.60% - 14.91% - 1.69 Percentage Points/14.91% = 11.33%

to use the term when addressing the Mobile Bay area residents and in the future when taking their message to communities within the estuary basin to the north of Mobile Bay.

The Metropolitan Statistical Area<sup>14</sup> indicates that Mobile and Baldwin County, Alabama has a Gross Domestic Product value of \$15.074 billion<sup>15</sup>. Research Strategies, Inc. estimates the commercial and recreational fishing sectors' "Gross Domestic Product" value for Mobile and Baldwin Counties to be approximately \$270 million<sup>16</sup>. This represents 1.79%<sup>17</sup> of the Mobile Bay area's overall economic value, and yet the residents perceived that commercial/recreational fishing is far more important for impacting the economic value contributed to Mobile Bay and its estuaries.

As for tourism, Research Strategies, Inc. estimates that tourism's "Gross Domestic Product" for Mobile and Baldwin Counties has a value of some \$2.4 billion. This represents 15.92%<sup>18</sup> of the two counties' overall economy value and yet the research reveals the residents perceived commercial/recreational fishing more important to Mobile Bay's "quality of life" than the features normally associated to tourism and tourism venues. This suggests that Mobile Bay National Estuary Program should increase consumer awareness as to how its programs and stewardship are protecting and enhancing tourism and tourism venues in the area. And how this emphasis has a true economic importance to the area's welfare.

These calculations also suggest that industry/manufacturing requiring water access; shipping; and dockage along Mobile Bay waterways is grossly underestimated for its economic value contribution, despite its poor perception as a contributor to Mobile Bay's "quality of life." The Mobile Bay National Estuary Program has an opportunity to show how it helps strike a suitable compromise between good stewardship for the environment and the growth and well being of these commercial assets of our waterways. Again, such a roll will play an important part in protecting the overall economic welfare of the area.

The Mobile and Baldwin County residents see the Mobile Bay National Estuary Program undertaking Habitat Restoration, Monitoring of Water & Air Conditions and Education & Outreach programs. They also find the most important issues facing Mobile Bay National Estuary Program are Water Clarity, Trash, Pesticides, Urban Residue and Public Education/Involvement. These are very clear directives for Mobile Bay National Estuary Program to pursue and promote in order to build its name awareness and overall perception in the Mobile Bay area community and beyond.

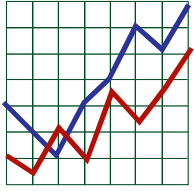
<sup>14</sup> Metropolitan Statistical Area - 2011

<sup>15</sup> United States Office of Management & Budget & the United States Census Bureau, 2010

<sup>16</sup> Alabama Department of Conservation (\$702,000,000 X 65%/5X2) – 2008, Alabama Department of Economic & Community Affairs - 2010, NOAA - 2011, United States Department of Commerce - 2011.

<sup>17</sup>  $\$270,000,000/\$15,074,000,000 = 1.79\%$

<sup>18</sup>  $\$2,400,000,000/\$15,047,000,000 = 15.92\%$



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### Mobile Bay National Estuary Program Community Attitude Research Report For Mobile & Baldwin Counties, Alabama Full-Report (Mobile & Baldwin Counties Break-Downs)

#### Q1. How long have you lived in your present residence?

Total		
Years	Frequency	Percent
2-5 years	115	20.91%
6-10 years	135	24.55%
11-15 years	81	14.73%
16-25 years	104	18.91%
26+ years	115	20.91%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average</b>	<b>13.92 Years</b>	

Mobile			Baldwin	
Years	Frequency	Percent	Frequency	Percent
2-5 years	70	18.77%	45	25.42%
6-10 years	82	21.98%	53	29.94%
11-15 years	60	16.09%	21	11.86%
16-25 years	78	20.91%	26	14.69%
26+ years	83	22.25%	32	18.08%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average</b>	<b>14.58 Years</b>		<b>12.54 Years</b>	

#### Q2. In which county do you live?

Total
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County	Frequency	Percent
Mobile	373	68%
Baldwin	177	32%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
County	Frequency	Percent	Frequency	Percent
Mobile	373	100.00%	177	100.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

### Q3. What is the ZIP Code of your residence?

Mobile		
ZIP	Frequency	Percent
36505	12	3.22%
36509	4	1.07%
36521	7	1.88%
36522	10	2.68%
36523	5	1.34%
36525	5	1.34%
36528	8	2.14%
36541	8	2.14%
36544	13	3.49%
36560	5	1.34%
36571	4	1.07%
36572	7	1.88%
36575	11	2.95%
36582	17	4.56%
36587	12	3.22%
36602	4	1.07%
36603	10	2.68%
36604	10	2.68%
36605	27	7.24%
36606	10	2.68%
36607	8	2.14%
36608	30	8.04%
36609	20	5.36%
36610	10	2.68%
36611	6	1.61%
36612	6	1.61%
36613	12	3.22%
36617	9	2.41%
36618	11	2.95%
36619	11	2.95%
36693	15	4.02%
36695	46	12.33%

<b>Total</b>	<b>373</b>	<b>100.00%</b>
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<b>Baldwin</b>		
<b>ZIP</b>	<b>Frequency</b>	<b>Percent</b>
36507	16	9.04%
36526	30	16.95%
36527	7	3.95%
36530	10	5.65%
36532	19	10.73%
36535	19	10.73%
36542	10	5.65%
36549	6	3.39%
36551	8	4.52%
36555	5	2.82%
36561	5	2.82%
36562	5	2.82%
36567	9	5.08%
36574	4	2.26%
36576	5	2.82%
36578	7	3.95%
36579	6	3.39%
36580	6	3.39%
<b>Total</b>	<b>177</b>	<b>100.00%</b>

**Q4. Do you live within six (6) blocks or less of a seashore, bay, bayou, river, lake or stream?**

<b>Total</b>		
<b>6 blocks or less</b>	<b>Frequency</b>	<b>Percent</b>
Yes	253	46.00%
No	297	54.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

<b>Mobile</b>			<b>Baldwin</b>	
<b>6 blocks or less</b>	<b>Frequency</b>	<b>Percent</b>	<b>Frequency</b>	<b>Percent</b>
Yes	160	42.90%	93	52.54%
No	213	57.10%	84	47.46%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q5. Which of the following statements would best describe your point-of-view on the environment?**

Total		
Point of view	Frequency	Percent
The environment protection should have priority over commercial/economic growth.	144	26.18%
The environment protection should have a balance with commercial/economic growth.	333	60.55%
Commercial/economic growth should have priority over environment protection.	73	13.27%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Point of view	Frequency	Percent	Frequency	Percent
The environment protection should have priority over commercial/economic growth.	94	25.20%	50	28.25%
The environment protection should have a balance with commercial/economic growth.	229	61.39%	104	58.76%
Commercial/economic growth should have priority over environment protection.	50	13.40%	23	12.99%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q6. What is an estuary?**

Total		
Estuary Definition	Frequency	Percent
A body of water where fresh water from rivers and streams mixes with seawater from the gulf or ocean.	226	41.09%
Bird sanctuary	28	5.09%
An aquarium	12	2.18%

Don't know	176	32.00%
Other	108	19.64%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

An area where marine life grows. A protected area.

A basin.

A body of water between bay and river.

A body of water where fish breed.

A body of water which supports habitats.

A body of water. (2)

A breeding ground for endangered wild life.

A breeding ground.

A creek.

A fish haven.

A little pond or something

A marine nursery.

A place animals are.

A place for animals to grow.

A place that harbors living creatures- birds or different types of wildlife breed.

A place where all fish and shrimp breed and also birds.

A place where fish are kept.

A place where sea creatures lay their eggs and the young grow up.

A place where you can't harm anything.

A protected area for plants and birds.

A protective body of land.

A river type animal place.

A safe haven for your plants fish.

A seashore.

A small body of water.

A stream that comes out of rivers.

A tributary off a lake or bay.

A waterway that feeds into Mobile Bay.

A wetland where animals and plants incubate.

A zone for animals.

An area where juvenile sea life live until they are big enough.

An area where water meets water.

Area of a main body of water.

Area surrounding streams.

Area that supports aquatic life.

Area that's protected for wildlife.

Body of water not flowing.

Body of water and shoreline meet.

Breeding of fish and wildlife.

Crabs hatch.

Different environments.

Feeder system.

Gulf of Mexico.

Habitat for new borns.

Habitat where birds and fish live.

Head of a bay.

I think it's a shallow body of water.

Inland grasses and stuff.

It's a moist area where wildlife can flourish.

It's like a nursery for all wild life.

Land and water surrounding the bay.

Like an ocean or the gulf where the water comes in and out.

Marsh area from body of water wildlife.

Microclimate for plants.

Place that protects the environment and fish.

Place where birds and fish are kept.

Plants and animals are all mixed together.

Protected area.

Protecting area for birds.

Protection for fish and bird wildlife.

Protection for the birds.

Protection of wildlife.

Protective water way.

Research study of wildlife.

Runoff from land that holds water. (2)

Safe haven for birds and wildlife.

Salt water breeding ground where young fish go to breed.

Sanctuary preserves wildlife.

Sea life is raised.

Seashore where birds function.

Small gulf.

Small streams that feed into bays.

Smaller body of water feeding a larger body of water.

Streams coming off of the bay.

Surrounding in the Bay.

The area that feeds into the bay.

The babies have time to grow.

The best I could think of is the Upper Mobile Delta.

The land around the water.

The unique and delta condition to this area.

Water animal plants.

Water breeding ground.

Water that goes into the bay.

Waters come together, nature.

Wetland off a body of water.

Wetland where animals are born.

Wetlands at the edge of a larger body of water.

Where a lot of fish breed.

Where all kinds of sea creatures are raised.

Where animals live.

Where birds live.

Where certain special wildlife.  
 Where fish are kept.  
 Where fish hatch their eggs.  
 Where freshwater meet the salt water.  
 Where life begins.  
 Where little grasses are and the babies can grow.  
 Where marine life is protected and born.  
 Where sea life is protected.

Where small fish and crabs grow up to be adults.  
 Where they study the fish.  
 Where water meets land.  
 Where water systems converge.  
 Where we raise little fish.  
 Where you have a lot of animals that we try to keep safe.  
 Wildlife habitat.

Mobile			Baldwin	
Estuary Definition	Frequency	Percent	Frequency	Percent
A body of water where fresh water from rivers and streams mixes with seawater from the gulf or ocean.	139	37.27%	87	49.15%
Bird sanctuary	22	5.90%	6	3.39%
An aquarium	6	1.61%	6	3.39%
Don't know	125	33.51%	51	28.81%
Other	81	21.72%	27	15.25%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q7. Using a scale of one to five, where one (1) is not important and five (5) is most important, how important is Mobile Bay to the overall economic welfare of the state of Alabama?**

Total		
Rating	Frequency	Percent
1	6	1.09%
2	7	1.27%
3	36	6.55%
4	92	16.73%
5	409	74.36%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.62</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	3	1%	3	1.69%
2	5	1%	2	1.13%
3	19	5%	17	9.60%
4	55	15%	37	20.90%
5	291	78%	118	66.67%
<b>Total</b>	<b>373</b>	<b>100%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.67</b>		<b>4.98</b>	

**Q8. Using a scale of one to five, where one (1) is very poor and five (5) is excellent, rate the overall health of Mobile Bay.**

Total		
Rating	Frequency	Percent
1	32	5.82%
2	85	15.45%
3	272	49.45%
4	106	19.27%
5	55	10.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.12</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	20	5.36%	12	6.78%
2	49	13.14%	36	20.34%
3	184	49.33%	88	49.72%
4	82	21.98%	24	13.56%
5	38	10.19%	17	9.60%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.18</b>		<b>2.99</b>	

**Q9. Again, using a scale of one to five, where one (1) is not important and five, (5) is most important, how important is Mobile Bay to your overall quality of life in your county?**

Total		
Rating	Frequency	Percent
1	15	2.73%
2	21	3.82%
3	86	15.64%
4	135	24.55%
5	293	53.27%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.22</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	11	2.95%	4	2.26%
2	8	2.14%	13	7.34%
3	53	14.21%	33	18.64%
4	90	24.13%	45	25.42%
5	211	56.57%	82	46.33%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.29</b>		<b>4.06</b>	

**Q10. Which of the following features of Mobile Bay's environment has the greatest positive impact on your quality of life?**

Total		
Feature	Frequency	Percent
Fish/Fisheries habitats	276	50.18%
Bird/Water fowl habitats	34	6.18%
Beach, shoreline and/or water front access	128	23.27%
Wetlands/Adjacent forestland habitats	37	6.73%
Other Wildlife habitats	23	4.18%
Sea Scapes/water views	49	8.91%
Other	3	0.55%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

I can't answer  
that because  
those are equal.  
Overall - nature.  
Waterways.

Mobile			Baldwin	
Feature	Frequency	Percent	Frequency	Percent
Fish/Fisheries habitats	190	50.94%	86	48.59%
Bird/Water fowl habitats	20	5.36%	14	7.91%
Beach, shoreline and/or water front access	86	23.06%	42	23.73%
Wetlands/Adjacent forestland habitats	23	6.17%	14	7.91%
Other Wildlife habitats	15	4.02%	8	4.52%
Sea Scapes/water views	36	9.65%	13	7.34%
Other	3	0.80%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q11. Does your family regularly participate in any of the following leisure or outdoor recreational activities in the Mobile Bay area? (Multiple responses)**

Total		
Activities	Frequency	Percent
Fresh/Salt water fishing	373	16.25%
Visiting the Alabama's seashores/beaches	394	17.17%
Boating/Water sports on Mobile Bay/local rivers	275	11.98%
Sightseeing along Mobile Bay and adjacent woodlands	296	12.90%

Bird, nature or historical tours	216	9.41%
Cycling	119	5.19%
Hunting on adjacent woodlands/marshlands	163	7.10%
Eating at waterfront restaurants	449	19.56%
Other:	10	0.44%
<b>Total</b>	<b>2295</b>	<b>100.00%</b>

**Other:**

Do not participate.

Farming.

Live on Perdido Bay.

None. (7)

Mobile			Baldwin	
Activities	Frequency	Percent	Frequency	Percent
Fresh/Salt water fishing	263	17.22%	110	14.57%
Visiting the Alabama's seashores/beaches	266	17.42%	128	16.95%
Boating/Water sports on Mobile Bay/local rivers	177	11.59%	98	12.98%
Sightseeing along Mobile Bay and adjacent woodlands	196	12.84%	99	13.11%
Bird, nature or historical tours	141	9.23%	72	9.54%
Cycling	72	4.72%	47	6.23%
Hunting on adjacent woodlands/marshlands	111	7.27%	51	6.75%
Eating at waterfront restaurants	295	19.32%	146	19.34%
Other:	6	0.39%	4	0.53%
<b>Total</b>	<b>1527</b>	<b>100.00%</b>	<b>755</b>	<b>100.00%</b>

**Q12. Which of the following health benefits do you associate with living along the Mobile Bay? (Multiple responses)**

Total		
Health Benefits	Frequency	Percent
Cleaner air supply because of sea breezes and surrounding plant growth.	287	21.69%
Clean drinking water sources	239	18.07%



Healthier diets due to access to fresh seafood	286	21.62%
More scattered population base	168	12.70%
More active lifestyles/activities because of recreational options	328	24.79%
Other:	2	0.15%
None of the above.	13	0.98%
<b>Total</b>	<b>1323</b>	<b>100.00%</b>

**Other:**

Better environment.

More access to sunshine.

Mobile			Baldwin	
Health Benefits	Frequency	Percent	Frequency	Percent
Cleaner air supply because of sea breezes and surrounding plant growth.	190	21.09%	97	22.99%
Clean drinking water sources	168	18.65%	71	16.82%
Healthier diets due to access to fresh seafood	195	21.64%	91	21.56%
More scattered population base	116	12.87%	52	12.32%
More active lifestyles/activities because of recreational options	219	24.31%	109	25.83%
Other:	2	0.22%	0	0.00%
None of the above.	11	1.22%	2	0.47%
<b>Total</b>	<b>901</b>	<b>100.00%</b>	<b>422</b>	<b>100.00%</b>

**Q13. Which of the following local economic generators on Mobile Bay has had the greatest impact on your quality of life?**

Total		
Generators	Frequency	Percent
Commercial fishing/oyster industry	119	21.64%
Recreational fishing	141	25.64%
Area shipyards/boatyards	56	10.18%
Tourism (Gulf beaches and shoreline)	123	22.36%
Port of Mobile ship and barge traffic	40	7.27%

Industries/Manufacturing requiring water access	44	8.00%
Forest products	26	4.73%
Other:	1	0.18%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

Unemployment would impact my quality of life.

Mobile			Baldwin	
Generators	Frequency	Percent	Frequency	Percent
Commercial fishing/oyster industry	84	22.52%	35	19.77%
Recreational fishing	95	25.47%	46	25.99%
Area shipyards/boatyards	43	11.53%	13	7.34%
Tourism (Gulf beaches and shoreline)	65	17.43%	58	32.77%
Port of Mobile ship and barge traffic	33	8.85%	7	3.95%
Industries/Manufacturing requiring water access	35	9.38%	9	5.08%
Forest products	18	4.83%	8	4.52%
Other:	0	0.00%	1	0.56%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q14. Which of the following environmental problems have had the greatest impact on Mobile Bay and its estuaries?**

Total		
Problems	Frequency	Percent
Trash	95	17.27%
Excessive fertilizer use	25	4.55%
Flooding and erosion from storm water	63	11.45%
Pollutants from industry	189	34.36%
Pollutants from septic system failures and water waste treatment facilities	87	15.82%
Over fishing	8	1.45%
Population growth along Mobile Bays counties	72	13.09%
Other:	11	2.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

BP.

Deep Water Horizon Oil Spill.

Oil spill. (7)

Politicians.

They close the dams and they don't let us have freshwater.

Mobile			Baldwin	
Problems	Frequency	Percent	Frequency	Percent
Trash	65	17.43%	30	16.95%
Excessive fertilizer use	15	4.02%	10	5.65%
Flooding and erosion from storm water	36	9.65%	27	15.25%
Pollutants from industry	143	38.34%	46	25.99%
Pollutants from septic system failures and water waste treatment facilities	48	12.87%	39	22.03%
Over fishing	8	2.14%	0	0.00%
Population growth along Mobile Bays counties	49	13.14%	23	12.99%
Other:	9	2.41%	2	1.13%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q15. When comparing (answer from Q14) to the Deep Water Horizon oil spill, which has had a more long-term effect on the environment quality of Mobile Bay?**

Total		
Problems	Frequency	Percent
Oil Spill	313	56.91%
Trash	33	6.00%
Excessive fertilizer use	13	2.36%
Flooding and erosion from storm water	30	5.45%
Pollutants from industry	87	15.82%
Pollutants from septic system failures and water waste treatment facilities	35	6.36%
Over fishing	1	0.18%
Population growth along Mobile Bays counties	35	6.36%
Other:	3	0.55%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Problems	Frequency	Percent	Frequency	Percent
Oil Spill	212	56.84%	101	57.06%
Trash	24	6.43%	9	5.08%
Excessive fertilizer use	7	1.88%	6	3.39%
Flooding and erosion from storm water	15	4.02%	15	8.47%
Pollutants from industry	67	17.96%	20	11.30%
Pollutants from septic system failures and water waste treatment facilities	21	5.63%	14	7.91%
Over fishing	1	0.27%	0	0.00%
Population growth along Mobile Bays counties	24	6.43%	11	6.21%
Other:	2	0.54%	1	0.56%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q16. Which of these infrastructure projects have had the greatest impact on the quality of Mobile Bay's estuary system?**

Total		
Projects	Frequency	Percent
Building of the old tunnel and causeway in 1940	64	11.64%
Building of the new tunnel and Jubilee Bay Way (I-10) in 1973	74	13.45%
Mobile ship channel maintenance	62	11.27%
Construction of Tenn-Tom Waterway	62	11.27%
Expansion of the Port of Mobile	35	6.36%
Building/Development on Alabama's barrier island	69	12.55%
Building/Development of industry in coastal areas	179	32.55%
Other	5	0.91%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

Digging out of gulf in the bay area.

Ship building. (2)

Dredging of the ship channels.

Lack of protection for the barrier islands.

Mobile			Baldwin	
Projects	Frequency	Percent	Frequency	Percent
Building of the old tunnel and causeway in 1940	46	12.33%	18	10.17%
Building of the new tunnel and Jubilee Bay Way (I-10) in 1973	47	12.60%	27	15.25%
Mobile ship channel maintenance	43	11.53%	19	10.73%
Construction of Tenn-Tom Waterway	46	12.33%	16	9.04%
Expansion of the Port of Mobile	27	7.24%	8	4.52%
Building/Development on Alabama's barrier island	50	13.40%	19	10.73%
Building/Development of industry in coastal areas	109	29.22%	70	39.55%
Other	5	1.34%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q17. Which ONE of the following do you think has the most potential for impacting Alabama's seafood supply coming out of Mobile Bay and its estuaries?**

Total		
Projects	Frequency	Percent
Too much/too little fresh water	35	6.36%
Bacteria from local sewage overflow/septic tank failures	117	21.27%
Contaminants coming from north of the coastal communities	68	12.36%
Contaminants coming from storm water run-off	45	8.18%
Contaminants left over from the Deepwater Horizon Oil spill	222	40.36%
Contaminants that settle in sediments	63	11.45%
Other:	0	0.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Projects	Frequency	Percent	Frequency	Percent
Too much/too little fresh water	28	7.51%	7	3.95%
Bacteria from local sewage overflow/septic tank failures	74	19.84%	43	24.29%
Contaminants coming from north of the coastal communities	49	13.14%	19	10.73%
Contaminants coming from storm water run-off	27	7.24%	18	10.17%
Contaminants left over from the Deepwater Horizon Oil spill	150	40.21%	72	40.68%
Contaminants that settle in sediments	45	12.06%	18	10.17%
Other:	0	0.00%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q18. Using a scale of one to five, where one (1) is not important and five (5) is most important, how important is the restoration of fish nursery areas in Mobile Bay and its estuaries?**

Total		
Rating	Frequency	Percent
1	4	0.73%
2	11	2.00%
3	40	7.27%
4	82	14.91%
5	413	75.09%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.62</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	3	0.80%	1	0.56%
2	8	2.14%	3	1.69%
3	27	7.24%	13	7.34%
4	51	13.67%	31	17.51%
5	284	76.14%	129	72.88%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.62</b>		<b>4.60</b>	

**Q19. Shoreline erosion**

Total		
Rating	Frequency	Percent
1	74	13.45%
2	85	15.45%
3	239	43.45%
4	87	15.82%
5	65	11.82%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.97</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	52	13.94%	22	12.43%
2	54	14.48%	31	17.51%
3	167	44.77%	72	40.68%
4	56	15.01%	31	17.51%
5	44	11.80%	21	11.86%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.96</b>		<b>2.99</b>	

**Q20. Water pollutants from industry**

Total		
Rating	Frequency	Percent
1	75	13.64%
2	121	22.00%
3	211	38.36%
4	96	17.45%
5	47	8.55%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.85</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	49	13.14%	26	14.69%
2	86	23.06%	35	19.77%
3	139	37.27%	72	40.68%
4	63	16.89%	33	18.64%
5	36	9.65%	11	6.21%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.87</b>		<b>2.82</b>	

**Q21. Water pollutants from local wastewater treatment facilities**

Total		
Rating	Frequency	Percent
1	68	12.36%
2	97	17.64%
3	222	40.36%
4	121	22.00%
5	42	7.64%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.95</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	48	12.87%	20	11.30%
2	60	16.09%	37	20.90%
3	151	40.48%	71	40.11%
4	84	22.52%	37	20.90%
5	30	8.04%	12	6.78%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.97</b>		<b>2.91</b>	

**Q22. Storm water run-off/sediment in rivers and the bay**

Total		
Rating	Frequency	Percent
1	65	11.82%
2	116	21.09%
3	219	39.82%
4	107	19.45%
5	43	7.82%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.90</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	51	13.67%	14	7.91%
2	67	17.96%	49	27.68%
3	144	38.61%	75	42.37%
4	81	21.72%	26	14.69%
5	30	8.04%	13	7.34%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.92</b>		<b>2.86</b>	



**Q23. Management of fresh water/salt water fisheries**

Total		
Rating	Frequency	Percent
1	35	6.36%
2	69	12.55%
3	219	39.82%
4	139	25.27%
5	88	16.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.32</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	27	7.24%	8	4.52%
2	49	13.14%	20	11.30%
3	142	38.07%	77	43.50%
4	91	24.40%	48	27.12%
5	64	17.16%	24	13.56%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.31</b>		<b>3.34</b>	

**Q24. Management of fresh water/salt water habitats**

Total		
Rating	Frequency	Percent
1	29	5.27%
2	68	12.36%
3	224	40.73%
4	141	25.64%
5	88	16.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.35</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	25	6.70%	4	2.26%
2	46	12.33%	22	12.43%
3	148	39.68%	76	42.94%
4	87	23.32%	54	30.51%
5	67	17.96%	21	11.86%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.33</b>		<b>3.37</b>	

**Q25. Wetland loss**

Total		
Rating	Frequency	Percent
1	59	10.73%
2	104	18.91%
3	198	36.00%
4	117	21.27%
5	72	13.09%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.07</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	44	11.80%	15	8.47%
2	71	19.03%	33	18.64%
3	130	34.85%	68	38.42%
4	79	21.18%	38	21.47%
5	49	13.14%	23	12.99%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.05</b>		<b>3.12</b>	

**Q26. Emergency reaction to problems impacting Mobile Bay**

Total		
Rating	Frequency	Percent
1	55	10.00%
2	92	16.73%
3	182	33.09%
4	140	25.45%
5	81	14.73%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.18</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	39	10.46%	16	9.04%
2	65	17.43%	27	15.25%
3	117	31.37%	65	36.72%
4	94	25.20%	46	25.99%
5	58	15.55%	23	12.99%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.18</b>		<b>3.19</b>	

**Q27. Please name for me the local, state and /or federal governmental agencies that you feel have responsibility over the quality of the Mobile Bay waterways. (First response)**

Total		
Agency	Frequency	Percent
Alabama Dept. of Environmental Management	112	20.36%
Baldwin County	12	2.18%
Environmental Protection Agency	89	16.18%
City of Daphne	1	0.18%
City of Fairhope	1	0.18%
City of Mobile	21	3.82%
Dept. Conservation & National Resources	64	11.64%
U.S. Corps of Engineers	57	10.36%
Mobile County	18	3.27%
Mobile Bay Audubon Society	6	1.09%
Mobile Bay National Estuary Program	8	1.45%
United States Coast Guard	44	8.00%
Other:	44	8.00%
Don't know (Skip to Q31)	73	13.27%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

Agriculture.

CCA.

Department of Marine Resources (Alabama)

FEMA

Fish and wildlife. (3)

Government.

Health Department.

Local governments.

Local Marine biologist.

Marine Police.

Mobile Area Water and Sewer.

Mobile Bay Civilian Society.

Mobile Bay Keepers. (9)

Mobile Water Board.

Montgomery.

NOAA. (2)

Parks Services.

Port City.

State of Alabama. (9)

Tenn Tom.

The city.

The Governor. (2)

US Fisheries.

Water patrol.

Wildlife and game.

Mobile			Baldwin	
Agency	Frequency	Percent	Frequency	Percent
Alabama Dept. of Environmental Management	65	17.43%	47	26.55%
Baldwin County	5	1.34%	7	3.95%
Environmental Protection Agency	72	19.30%	15	8.47%
City of Daphne	0	0.00%	1	0.56%
City of Fairhope	0	0.00%	1	0.56%
City of Mobile	18	4.83%	3	1.69%
Dept. Conservation & National Resources	37	9.92%	19	10.73%
U.S. Corps of Engineers	38	10.19%	19	10.73%
Mobile County	14	3.75%	4	2.26%
Mobile Bay Audubon Society	4	1.07%	2	1.13%
Mobile Bay National Estuary Program	7	1.88%	1	0.56%
United States Coast Guard	28	7.51%	16	9.04%
Other:	35	9.38%	19	10.73%
Don't know (Skip to Q31)	50	13.40%	23	12.99%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Alabama Dept. of Environmental Management in protecting and/or managing Mobile Bay? (First response)**

Total				
Rating	Frequency	Percent		
1	10	8.93%		
2	18	16.07%		
3	47	41.96%		
4	29	25.89%		
5	8	7.14%		
Total	112	100.00%		
Average Score	3.06			
Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	8	12.31%	2	4.26%
2	8	12.31%	10	21.28%
3	29	44.62%	18	38.30%
4	15	23.08%	14	29.79%
5	5	7.69%	3	6.38%
Total	65	100.00%	47	100.00%
Average Score	3.02		3.12	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Baldwin County in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	1	8.33%
2	1	8.33%
3	5	41.67%
4	2	16.67%
5	3	25.00%
<b>Total</b>	<b>12</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.42</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	1	20.00%	0	0.00%
2	1	20.00%	0	0.00%
3	3	60.00%	2	28.57%
4	0	0.00%	2	28.57%
5	0	0.00%	3	42.86%
<b>Total</b>	<b>5</b>	<b>100.00%</b>	<b>7</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.20</b>		<b>4.14</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Environmental Protection Agency in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	17	19.54%
2	12	13.79%
3	35	40.23%
4	18	20.69%
5	5	5.75%
<b>Total</b>	<b>87</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.79</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	13	18.06%	4	26.67%
2	9	12.50%	3	20.00%
3	30	41.67%	5	33.33%
4	16	22.22%	2	13.33%
5	4	5.56%	1	6.67%
<b>Total</b>	<b>72</b>	<b>100.00%</b>	<b>15</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.85</b>		<b>2.53</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Daphne in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	0	0.00%
3	0	0.00%
4	1	100.00%
5	0	0.00%
<b>Total</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.00</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.0%
2	0	0.00%	0	0.0%
3	0	0.00%	0	0.0%
4	0	0.00%	1	100.0%
5	0	0.00%	0	0.0%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>0.00</b>		<b>4.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Fairhope in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	0	0.00%
3	1	100.00%
4	0	0.00%
5	0	0.00%
<b>Total</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.00</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	0	0.00%	1	100.00%
4	0	0.00%	0	0.00%
5	0	0.00%	0	0.00%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>0.00</b>		<b>1.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Mobile in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	2	9.52%
2	2	9.52%
3	7	33.33%
4	5	23.81%
5	5	23.81%
<b>Total</b>	<b>21</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.43</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	2	11.11%	0	0.00%
2	2	11.11%	0	0.00%
3	4	22.22%	3	100.00%
4	5	27.78%	0	0.00%
5	5	27.78%	0	0.00%
<b>Total</b>	<b>18</b>	<b>100.00%</b>	<b>3</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.50</b>		<b>3.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Dept. of Conservation and National Resources in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	4	7.14%
2	5	8.93%
3	19	33.93%
4	17	30.36%
5	11	19.64%
<b>Total</b>	<b>56</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.46</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	3	8.11%	1	5.26%
2	2	5.41%	3	15.79%
3	13	35.14%	6	31.58%
4	9	24.32%	8	42.11%
5	10	27.03%	1	5.26%
<b>Total</b>	<b>37</b>	<b>100.00%</b>	<b>19</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.57</b>		<b>3.26</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the U.S. Corps of Engineers in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	4	7.02%
2	8	14.04%
3	22	38.60%
4	17	29.82%
5	6	10.53%
<b>Total</b>	<b>57</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.23</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	4	10.53%	0	0.00%
2	4	10.53%	4	21.05%
3	15	39.47%	7	36.84%
4	11	28.95%	6	31.58%
5	4	10.53%	2	10.53%
<b>Total</b>	<b>38</b>	<b>100.00%</b>	<b>19</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.18</b>		<b>3.31</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile County in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	3	16.67%
3	8	44.44%
4	3	16.67%
5	4	22.22%
<b>Total</b>	<b>18</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.44</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	1	7.14%	2	50.00%
3	7	50.00%	1	25.00%
4	3	21.43%	0	0.00%
5	3	21.43%	1	25.00%
<b>Total</b>	<b>14</b>	<b>100.00%</b>	<b>4</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.57</b>		<b>3.00</b>	



**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay Audubon Society in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	1	16.67%
2	0	0.00%
3	1	16.67%
4	3	50.00%
5	1	16.67%
<b>Total</b>	<b>6</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.50</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	1	50.00%
2	0	0.00%	0	0.00%
3	0	0.00%	1	50.00%
4	3	75.00%	0	0.00%
5	1	25.00%	0	0.00%
<b>Total</b>	<b>4</b>	<b>100.00%</b>	<b>2</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.25</b>		<b>2.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay National Estuary Program in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	0	0.00%
3	5	62.50%
4	3	37.50%
5	0	0.00%
<b>Total</b>	<b>8</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.38</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	4	57.14%	1	100.00%
4	3	42.86%	0	0.00%
5	0	0.00%	0	0.00%
<b>Total</b>	<b>7</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.43</b>		<b>3.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is United States Coast Guard in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	1	2.27%
3	7	15.91%
4	15	34.09%
5	21	47.73%
<b>Total</b>	<b>44</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.27</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	1	3.57%	0	0.00%
3	3	10.71%	4	25.00%
4	12	42.86%	3	18.75%
5	12	42.86%	9	56.25%
<b>Total</b>	<b>28</b>	<b>100.00%</b>	<b>16</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.25</b>		<b>4.31</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is (Other) in protecting and/or managing Mobile Bay? (First response)**

Total		
Rating	Frequency	Percent
1	5	9.26%
2	9	16.67%
3	16	29.63%
4	14	25.93%
5	10	18.52%
<b>Total</b>	<b>54</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.28</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	5	14.29%	0	0.00%
2	3	8.57%	6	31.58%
3	9	25.71%	7	36.84%
4	11	31.43%	3	15.79%
5	7	20.00%	3	15.79%
<b>Total</b>	<b>35</b>	<b>100.00%</b>	<b>19</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.34</b>		<b>3.16</b>	

**Q29. Please name for me the local, state and /or federal governmental agencies that you feel have responsibility over the quality of the Mobile Bay waterways. (Second response)**

Total		
Agency	Frequency	Percent
Alabama Dept. of Environmental Management	63	13.21%
Baldwin County	15	3.14%
Environmental Protection Agency	73	15.30%
City of Daphne	6	1.26%
City of Fairhope	7	1.47%
City of Mobile	28	5.87%
Dept. Conservation & National Resources	45	9.43%
U.S. Corps of Engineers	47	9.85%
Mobile County	21	4.40%
Mobile Bay Audubon Society	3	0.63%
Mobile Bay National Estuary Program	11	2.31%
United States Coast Guard	62	13.00%
Other:	38	7.97%
Don't know (Skip to Q31)	58	12.16%
<b>Total</b>	<b>477</b>	<b>100.00%</b>

**Other:**

Alabama Coastal Foundation.  
Alabama Land Management.  
Baywatch.  
Biology.  
Dauphin Island Sea Lab.  
Department of Agriculture.  
Department of Fish and Wildlife.  
Department of Interior.  
Department of Natural Resources.  
Environmental agencies.  
FEMA. (4)  
Fish and wildlife.  
Gulf Coast Coastal  
I think it is the state.  
Marine resources.

MAWS.  
Mobile Bay Watch  
Mobile Waste Management.  
Montgomery.  
National Natural Organization.  
NOAA.  
Organization of fisherman.  
Port authority.  
Sea Lab.  
Seafood people.  
Sheriff's Flotilla.  
State docks.  
State of Alabama (7)  
The Governor.

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Alabama Dept. of Environmental Management in protecting and/or managing Mobile Bay?**

Total		
Rating	Frequency	Percent
1	5	7.94%
2	6	9.52%
3	27	42.86%
4	16	25.40%
5	9	14.29%
<b>Total</b>	<b>63</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.29</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	4	8.51%	1	6.25%
2	3	6.38%	3	18.75%
3	21	44.68%	6	37.50%
4	12	25.53%	4	25.00%
5	7	14.89%	2	12.50%
<b>Total</b>	<b>47</b>	<b>100.00%</b>	<b>16</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.32</b>		<b>3.19</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Baldwin County in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	5	33.33%
3	5	33.33%
4	4	26.67%
5	1	6.67%
<b>Total</b>	<b>15</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.07</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	2	50.00%	3	27.27%
3	1	25.00%	4	36.36%
4	0	0.00%	4	36.36%
5	1	25.00%	0	0.00%
<b>Total</b>	<b>4</b>	<b>100.00%</b>	<b>11</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.00</b>		<b>3.09</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Environmental Protection Agency in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	6	8.22%
2	17	23.29%
3	32	43.84%
4	9	12.33%
5	9	12.33%
<b>Total</b>	<b>73</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.97</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	4	8.70%	2	7.41%
2	12	26.09%	5	18.52%
3	21	45.65%	11	40.74%
4	3	6.52%	6	22.22%
5	6	13.04%	3	11.11%
<b>Total</b>	<b>46</b>	<b>100.00%</b>	<b>27</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.89</b>		<b>3.11</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Daphne in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	1	16.67%
2	0	0.00%
3	2	33.33%
4	2	33.33%
5	1	16.67%
<b>Total</b>	<b>6</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.33</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	1	20.00%	0	0.00%
2	0	0.00%	0	0.00%
3	1	20.00%	1	100.00%
4	2	40.00%	0	0.00%
5	1	20.00%	0	0.00%
<b>Total</b>	<b>5</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.40</b>		<b>3.00</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Fairhope in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	1	14.29%
2	0	0.00%
3	2	28.57%
4	1	14.29%
5	3	42.86%
<b>Total</b>	<b>7</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.71</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	1	16.67%	0	0.00%
2	0	0.00%	0	0.00%
3	1	16.67%	1	100.00%
4	1	16.67%	0	0.00%
5	3	50.00%	0	0.00%
<b>Total</b>	<b>6</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.83</b>		<b>3.00</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Mobile in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	4	14.29%
2	4	14.29%
3	9	32.14%
4	7	25.00%
5	4	14.29%
<b>Total</b>	<b>28</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.11</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	4	14.81%	0	0.00%
2	3	11.11%	1	100.00%
3	9	33.33%	0	0.00%
4	7	25.93%	0	0.00%
5	4	14.81%	0	0.00%
<b>Total</b>	<b>27</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.15</b>		<b>2.00</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Dept. of Conservation and National Resources in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	3	6.98%
2	5	11.63%
3	17	39.53%
4	15	34.88%
5	3	6.98%
<b>Total</b>	<b>43</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.23</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	2	7.14%	1	6.67%
2	4	14.29%	1	6.67%
3	9	32.14%	8	53.33%
4	11	39.29%	4	26.67%
5	2	7.14%	1	6.67%
<b>Total</b>	<b>28</b>	<b>100.00%</b>	<b>15</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.25</b>		<b>3.20</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the U.S. Corps of Engineers in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	6	12.77%
2	5	10.64%
3	20	42.55%
4	13	27.66%
5	3	6.38%
<b>Total</b>	<b>47</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.04</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	4	13.79%	2	11.11%
2	5	17.24%	0	0.00%
3	13	44.83%	7	38.89%
4	4	13.79%	9	50.00%
5	3	10.34%	0	0.00%
<b>Total</b>	<b>29</b>	<b>100.00%</b>	<b>18</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.90</b>		<b>3.28</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile County in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	1	4.76%
2	3	14.29%
3	9	42.86%
4	7	33.33%
5	1	4.76%
<b>Total</b>	<b>21</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.19</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	1	14.29%
2	2	14.29%	1	14.29%
3	7	50.00%	2	28.57%
4	4	28.57%	3	42.86%
5	1	7.14%	0	0.00%
<b>Total</b>	<b>14</b>	<b>100.00%</b>	<b>7</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.29</b>		<b>3.00</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay Audubon society in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	0	0.00%
3	0	0.00%
4	2	66.67%
5	1	33.33%
<b>Total</b>	<b>3</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.33</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	0	0.00%	0	0.00%
4	1	50.00%	1	100.00%
5	1	50.00%	0	0.00%
<b>Total</b>	<b>2</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.50</b>		<b>4.00</b>	



**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay National Estuary Program in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	0	0.00%
2	0	0.00%
3	5	45.45%
4	5	45.45%
5	1	9.09%
<b>Total</b>	<b>11</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.64</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	3	37.50%	2	66.67%
4	4	50.00%	1	33.33%
5	1	12.50%	0	0.00%
<b>Total</b>	<b>8</b>	<b>100.00%</b>	<b>3</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.75</b>		<b>3.33</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is United States Coast Guard in protecting and/or managing Mobile Bay? (Second response)**

Total		
Rating	Frequency	Percent
1	4	6.45%
2	4	6.45%
3	14	22.58%
4	17	27.42%
5	23	37.10%
<b>Total</b>	<b>62</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.82</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	3	7.14%	1	5.00%
2	3	7.14%	1	5.00%
3	12	28.57%	2	10.00%
4	10	23.81%	7	35.00%
5	14	33.33%	9	45.00%
<b>Total</b>	<b>42</b>	<b>100.00%</b>	<b>20</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.69</b>		<b>4.10</b>	

**30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is (Other) in protecting and/or managing Mobile Bay?  
(Second response)**

Total		
Rating	Frequency	Percent
1	7	17.50%
2	5	12.50%
3	9	22.50%
4	10	25.00%
5	9	22.50%
<b>Total</b>	<b>40</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.23</b>	

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	5	18.52%	2	15.38%
2	4	14.81%	1	7.69%
3	6	22.22%	3	23.08%
4	7	25.93%	3	23.08%
5	5	18.52%	4	30.77%
<b>Total</b>	<b>27</b>	<b>100.00%</b>	<b>13</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.11</b>		<b>3.46</b>	

**Q31. How should the responsibility for protecting and managing Mobile Bay and its estuaries be funded?**

Total		
Funded	Frequency	Percent
Usage fees from area manufacturers/industries	82	14.91%
Usage fees from boaters, fishermen, etc.	38	6.91%
Penalties/Fines from polluters	184	33.45%
Special local taxes from surrounding county residents	18	3.27%
Funded directly from existing county/state funds	108	19.64%
Funded directly from existing federal tax funds	91	16.55%
Other	25	4.55%
Don't fund	4	0.73%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

60 Federal 40 State.

By BP and it's funding.

Combination of all. (2)

Combination of local state and federal taxes.

Environmental grants should fund it.

Federal grants.

From federal and state.

From tobacco tax.

Funded from city state and government.

Get it from Obama.

Increase jobs.

Lottery or casino.

Mobile Water Service.

Oil and gas royalties.

Overpayment from CEOs from industries.

Private donations. (2)

State docks and government should share equally in funds.

Tax dollars from gas.

The City of Mobile.

The Federal Government.

Through federal and state grants.

Tourism and hotel taxes.

Usage fees from any one using water.

Mobile			Baldwin	
Funded	Frequency	Percent	Frequency	Percent
Usage fees from area manufacturers/industries	57	15.28%	25	14.12%
Usage fees from boaters, fishermen, etc.	23	6.17%	15	8.47%
Penalties/Fines from polluters	129	34.58%	55	31.07%
Special local taxes from surrounding county residents	13	3.49%	5	2.82%
Funded directly from existing county/state funds	71	19.03%	37	20.90%
Funded directly from existing federal tax funds	57	15.28%	34	19.21%
Other	19	5.09%	6	3.39%
Don't fund	4	1.07%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q32. Have you ever heard of Mobile Bay National Estuary Program (MBNEP)?**

Total		
Heard of MBNEP	Frequency	Percent
Yes	251	45.64%
No	299	54.36%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Heard of MBNEP	Frequency	Percent	Frequency	Percent
Yes	170	45.58%	81	45.76%
No	203	54.42%	96	54.24%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q33. If you knew that the Mobile Bay National Estuary Program's purpose was to assemble government, industry, academia and the community to take actions that reduce the degradation of Alabama's waterways and estuaries and to ensure their long term health, how successful would you rate their performance to date?**

Total		
Rating	Frequency	Percent
Poor	28	5.09%
Below Average	53	9.64%
Average	317	57.64%
Above Average	96	17.45%
Excellent	15	2.73%
Don't know	41	7.45%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
Poor	20	5.36%	8	4.52%
Below Average	33	8.85%	20	11.30%
Average	214	57.37%	103	58.19%
Above Average	71	19.03%	25	14.12%
Excellent	11	2.95%	4	2.26%
Don't know	24	6.43%	17	9.60%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q34. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (First response)**

Total		
Function	Frequency	Percent
Monitoring of water & air conditions	117	21.27%
Environmental research	61	11.09%
Habitat restoration	118	21.45%
Help government, industry & academia coordinate their environmental management	47	8.55%
Direct funding sources toward local environmental needs	21	3.82%
Sponsor community environmental activities	7	1.27%
Education & outreach	115	20.91%
Community conservation planning	64	11.64%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	82	21.98%	35	19.77%
Environmental research	42	11.26%	19	10.73%
Habitat restoration	77	20.64%	41	23.16%
Help government, industry & academia coordinate their environmental management	36	9.65%	11	6.21%
Direct funding sources toward local environmental needs	14	3.75%	7	3.95%
Sponsor community environmental activities	4	1.07%	3	1.69%
Education & outreach	81	21.72%	34	19.21%
Community conservation planning	37	9.92%	27	15.25%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q35. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (Second response)**

Total		
Function	Frequency	Percent
Monitoring of water & air conditions	51	9.27%
Environmental research	115	20.91%
Habitat restoration	126	22.91%
Help government, industry & academia coordinate their environmental management	50	9.09%
Direct funding sources toward local environmental needs	50	9.09%
Sponsor community environmental activities	18	3.27%
Education & outreach	86	15.64%
Community conservation planning	54	9.82%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	38	10.19%	13	7.34%
Environmental research	83	22.25%	32	18.08%
Habitat restoration	84	22.52%	42	23.73%
Help government, industry & academia coordinate their environmental management	34	9.12%	16	9.04%
Direct funding sources toward local environmental needs	31	8.31%	19	10.73%
Sponsor community environmental activities	10	2.68%	8	4.52%
Education & outreach	62	16.62%	24	13.56%
Community conservation planning	31	8.31%	23	12.99%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q36. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (Third response)**

Total		
Function	Frequency	Percent
Monitoring of water & air conditions	70	12.73%
Environmental research	85	15.45%
Habitat restoration	100	18.18%
Help government, industry & academia coordinate their environmental management	44	8.00%
Direct funding sources toward local environmental needs	48	8.73%
Sponsor community environmental activities	38	6.91%
Education & outreach	89	16.18%
Community conservation planning	76	13.82%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	38	10.19%	32	18.08%
Environmental research	53	14.21%	32	18.08%
Habitat restoration	70	18.77%	30	16.95%
Help government, industry & academia coordinate their environmental management	32	8.58%	12	6.78%
Direct funding sources toward local environmental needs	35	9.38%	13	7.34%
Sponsor community environmental activities	32	8.58%	6	3.39%
Education & outreach	61	16.35%	28	15.82%
Community conservation planning	52	13.94%	24	13.56%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q37. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (First response)**

Total		
Issues	Frequency	Percent
Water clarity	125	22.73%
Trash, pesticides, urban residue	122	22.18%
Invasive species	37	6.73%
Fishery, wildlife populations	36	6.55%
Salt water fisheries	11	2.00%
Shoreline erosion	45	8.18%
Dirt, sediment	22	4.00%
Wetland, sea grasses	28	5.09%
Public access	13	2.36%
Public education/involvement	109	19.82%
Other	2	0.36%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

Don't  
know their  
mission.  
Run off.

Mobile			Baldwin	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	92	24.66%	33	18.64%
Trash, pesticides, urban residue	80	21.45%	42	23.73%
Invasive species	23	6.17%	14	7.91%
Fishery, wildlife populations	26	6.97%	10	5.65%
Salt water fisheries	4	1.07%	7	3.95%
Shoreline erosion	26	6.97%	19	10.73%
Dirt, sediment	11	2.95%	11	6.21%
Wetland, sea grasses	19	5.09%	9	5.08%
Public access	10	2.68%	3	1.69%
Public education/involvement	81	21.72%	28	15.82%
Other	1	0.27%	1	0.56%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>



**Q38. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (Second response)**

Total		
Issues	Frequency	Percent
Water clarity	70	12.73%
Trash, pesticides, urban residue	133	24.18%
Invasive species	55	10.00%
Fishery, wildlife populations	72	13.09%
Salt water fisheries	27	4.91%
Shoreline erosion	62	11.27%
Dirt, sediment	16	2.91%
Wetland, sea grasses	38	6.91%
Public access	17	3.09%
Public education/involvement	60	10.91%
Other	0	0.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	45	12.06%	25	14.12%
Trash, pesticides, urban residue	94	25.20%	39	22.03%
Invasive species	42	11.26%	13	7.34%
Fishery, wildlife populations	46	12.33%	26	14.69%
Salt water fisheries	17	4.56%	10	5.65%
Shoreline erosion	47	12.60%	15	8.47%
Dirt, sediment	11	2.95%	5	2.82%
Wetland, sea grasses	25	6.70%	13	7.34%
Public access	9	2.41%	8	4.52%
Public education/involvement	37	9.92%	23	12.99%
Other	0	0.00%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q39. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (Third response)**

Total		
Issues	Frequency	Percent
Water clarity	55	10.00%
Trash, pesticides, urban residue	84	15.27%
Invasive species	43	7.82%
Fishery, wildlife populations	59	10.73%
Salt water fisheries	32	5.82%
Shoreline erosion	86	15.64%
Dirt, sediment	31	5.64%
Wetland, sea grasses	44	8.00%
Public access	36	6.55%
Public education/involvement	80	14.55%
Other	0	0.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	41	10.99%	14	7.91%
Trash, pesticides, urban residue	54	14.48%	30	16.95%
Invasive species	32	8.58%	11	6.21%
Fishery, wildlife populations	38	10.19%	21	11.86%
Salt water fisheries	24	6.43%	8	4.52%
Shoreline erosion	49	13.14%	37	20.90%
Dirt, sediment	20	5.36%	11	6.21%
Wetland, sea grasses	29	7.77%	15	8.47%
Public access	23	6.17%	13	7.34%
Public education/involvement	63	16.89%	17	9.60%
Other	0	0.00%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q40. Using a scale of one to five, where one (1) is that you don't believe and five (5) is that you are absolutely convinced, how convinced are you that the sea level is rising?**

Total		
Rating	Frequency	Percent
1	142	25.82%
2	73	13.27%
3	141	25.64%
4	77	14.00%
5	117	21.27%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Rating	Frequency	Percent	Frequency	Percent
1	92	24.66%	50	28.25%
2	52	13.94%	21	11.86%
3	99	26.54%	42	23.73%
4	46	12.33%	31	17.51%
5	84	22.52%	33	18.64%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q41/42. What is your age?**

Total		
Age range	Frequency	Percent
18-24	14	2.55%
25-34	30	5.45%
35-44	74	13.45%
45-54	152	27.64%
55-64	159	28.91%
65-74	121	22.00%
Refused	0	0.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average</b>	<b>53.48 Years</b>	

Mobile			Baldwin	
Age range	Frequency	Percent	Frequency	Percent
18-24	9	2.41%	5	2.82%
25-34	22	5.90%	8	4.52%
35-44	48	12.87%	26	14.69%
45-54	103	27.61%	49	27.68%
55-64	105	28.15%	54	30.51%
65-74	86	23.06%	35	19.77%
Refused	0	0.00%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average</b>	<b>53.63 Years</b>		<b>53.18 Years</b>	

**Q43. What is your race?**

Total		
Race	Frequency	Percent
White/Caucasian	422	76.73%
Hispanic	2	0.36%
Black/African American	115	20.91%
Asian	3	0.55%
Other	8	1.45%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

**Other:**

Indian (2)

Mixed (2)

Native American

Refused (3)

Mobile			Baldwin	
Race	Frequency	Percent	Frequency	Percent
White/Caucasian	261	69.97%	161	90.96%
Hispanic	0	0.00%	2	1.13%
Black/African American	101	27.08%	14	7.91%
Asian	3	0.80%	0	0.00%
Other	8	2.14%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q44. How many people live within your household?**

Total		
People in Household	Frequency	Percent
0-2	305	55.45%
3-5	229	41.64%
6-8	14	2.55%
9-10	1	0.18%
11+	1	0.18%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average</b>	<b>2.44 People</b>	

Mobile			Baldwin	
People in Household	Frequency	Percent	Frequency	Percent
0-2	205	54.96%	100	56.50%
3-5	155	41.55%	74	41.81%
6-8	11	2.95%	3	1.69%
9-10	1	0.27%	0	0.00%
11+	1	0.27%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average</b>	<b>2.47 People</b>		<b>2.36 People</b>	

**Q45. How many children under 18 years of age live in your household?**

Total		
Children Under 18 Years	Frequency	Percent
0-2	517	94.00%
3-5	33	6.00%
6-8	0	0.00%
9-10	0	0.00%
11+	0	0.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average</b>	<b>1.18 Children</b>	

Mobile			Baldwin	
Children Under 18 Years	Frequency	Percent	Frequency	Percent
0-2	347	93.0%	170	96.05%
3-5	26	7.0%	7	3.95%
6-8	0	0.0%	0	0.00%
9-10	0	0.0%	0	0.00%
11+	0	0.0%	0	0.00%
<b>Total</b>	<b>373</b>	<b>100.0%</b>	<b>177</b>	<b>100.00%</b>
<b>Average</b>	<b>1.20 Children</b>		<b>1.12 Children</b>	

**Q46. What is your marital status?**

Total		
Marital Status	Frequency	Percent
Married	374	68.00%
Divorced	54	9.82%
Single	66	12.00%
Widowed	56	10.18%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Marital Status	Mobile		Baldwin	
	Frequency	Percent	Frequency	Percent
Married	243	65.15%	131	74.01%
Divorced	34	9.12%	20	11.30%
Single	52	13.94%	14	7.91%
Widowed	44	11.80%	12	6.78%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

#### Q47. What is your household income level?

Total		
Household income	Frequency	Percent
Under \$25,000	95	17.27%
\$25,000-\$34,999	73	13.27%
\$35,000-\$44,999	50	9.09%
\$45,000-\$54,999	38	6.91%
\$55,000-\$64,999	49	8.91%
\$65,000-\$74,999	40	7.27%
\$75,000-\$99,999	59	10.73%
\$100,000-\$149,999	46	8.36%
Above \$150,000	27	4.91%
Refused	73	13.27%
<b>Total</b>	<b>550</b>	<b>100.00%</b>
<b>Average</b>	<b>\$ 53, 031.50</b>	

Household income	Mobile		Baldwin	
	Frequency	Percent	Frequency	Percent
Under \$25,000	76	20.38%	19	10.73%
\$25,000-\$34,999	54	14.48%	19	10.73%
\$35,000-\$44,999	22	5.90%	28	15.82%
\$45,000-\$54,999	30	8.04%	8	4.52%
\$55,000-\$64,999	35	9.38%	14	7.91%
\$65,000-\$74,999	28	7.51%	12	6.78%
\$75,000-\$99,999	40	10.72%	19	10.73%
\$100,000-\$149,999	29	7.77%	17	9.60%
Above \$150,000	13	3.49%	14	7.91%
Refused	46	12.33%	27	15.25%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>
<b>Average</b>	<b>\$ 51,031.85</b>		<b>\$57,245.43</b>	

**Q48. How would you describe your political affiliation?**

Total		
Political Affiliation	Frequency	Percent
Republican	219	39.82%
Democrat	151	27.45%
Independent	152	27.64%
Refused	28	5.09%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Political Affiliation	Frequency	Percent	Frequency	Percent
Republican	131	35.12%	88	49.72%
Democrat	124	33.24%	27	15.25%
Independent	101	27.08%	51	28.81%
Refused	17	4.56%	11	6.21%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q49. What is your work status?**

Total		
Work status	Frequency	Percent
Full-time employed	249	45.27%
Part-time employed	40	7.27%
Retired	160	29.09%
Disabled	46	8.36%
Student	9	1.64%
Refused	2	0.36%
Unemployed	44	8.00%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Work status	Frequency	Percent	Frequency	Percent
Full-time employed	165	44.24%	84	47.46%
Part-time employed	27	7.24%	13	7.34%
Retired	105	28.15%	55	31.07%
Disabled	33	8.85%	13	7.34%
Student	7	1.88%	2	1.13%
Refused	1	0.27%	1	0.56%
Unemployed	35	9.38%	9	5.08%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q50. What is the highest level of education you have completed?**

Total		
Education	Frequency	Percent
Less than High School	37	6.73%
High School/GED	166	30.18%
Some College/Trade School	138	25.09%
College Grad.	135	24.55%
Post Grad.	69	12.55%
Refused	5	0.91%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

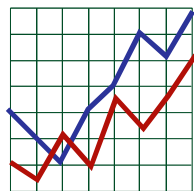
Mobile			Baldwin	
Education	Frequency	Percent	Frequency	Percent
Less than High School	31	8.31%	6	3.39%
High School/GED	118	31.64%	49	27.68%
Some College/Trade School	92	24.66%	46	25.99%
College Grad.	86	23.06%	49	27.68%
Post Grad.	45	12.06%	24	13.56%
Refused	1	0.27%	3	1.69%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>

**Q51. Gender**

Total		
Gender	Frequency	Percent
Male	226	41.09%
Female	324	58.91%
<b>Total</b>	<b>550</b>	<b>100.00%</b>

Mobile			Baldwin	
Gender	Frequency	Percent	Frequency	Percent
Male	146	39.14%	80	45.20%
Female	227	60.86%	97	54.80%
<b>Total</b>	<b>373</b>	<b>100.00%</b>	<b>177</b>	<b>100.00%</b>





# *Research Strategies, Inc.*

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### **Mobile Bay National Estuary Program Community Attitude Research Report For Mobile & Baldwin Counties, Alabama Full-Report (Residents Living Within 6 Miles of a Body of Water & Residents Not Living Within 6 Miles of a Body of Water)**

**Q5. Which of the following statements would best describe your point-of-view on the environment?**

6 Blocks or less			More Than 6 Blocks	
Point of view	Frequency	Percent	Frequency	Percent
The environment protection should have priority over commercial/economic growth.	75	29.64%	69	23.23%
The environment protection should have a balance with commercial/economic growth.	143	56.52%	190	63.97%
Commercial/Economic growth should have priority over environment protection.	35	13.83%	38	12.79%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q6. What is an estuary?**

6 Blocks or Less			More Than 6 Blocks	
Estuary Definition	Frequency	Percent	Frequency	Percent
A body of water where fresh water from rivers and streams mixes with seawater from the gulf or ocean.	117	46.25%	109	36.70%
Bird sanctuary	12	4.74%	16	5.39%
An aquarium	5	1.98%	7	2.36%
Don't know	70	27.67%	106	35.69%
Other	49	19.37%	59	19.87%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q7. Using a scale of one to five, where one (1) is not important and five (5) is most important, how important is Mobile Bay to the overall economic welfare of the state of Alabama?**

6 Blocks or less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	3	1.19%	3	1.01%
2	3	1.19%	4	1.35%
3	13	5.14%	23	7.74%
4	39	15.42%	53	17.85%
5	195	77.08%	214	72.05%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.66</b>		<b>4.59</b>	

**Q8. Using a scale of one to five, where one (1) is very poor and five (5) is excellent, rate the overall health of Mobile Bay.**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	16	6.32%	16	5.39%
2	44	17.39%	41	13.80%
3	119	47.04%	153	51.52%
4	52	20.55%	54	18.18%
5	22	8.70%	33	11.11%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.08</b>		<b>3.16</b>	

**Q9. Again, using a scale of one to five, where one (1) is not important and five, (5) is most important, how important is Mobile Bay to your overall quality of life in your county?**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	6	2.37%	9	3.03%
2	5	1.98%	16	5.39%
3	32	12.65%	54	18.18%
4	48	18.97%	87	29.29%
5	162	64.03%	131	44.11%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.40</b>		<b>4.03</b>	

**Q10. Which of the following features of Mobile Bay's environment has the greatest positive impact on your quality of life?**

6 Blocks or Less			More Than 6 Blocks	
Feature	Frequency	Percent	Frequency	Percent
Fish/Fisheries habitats	132	52.17%	144	48.48%
Bird/Water fowl habitats	16	6.32%	18	6.06%
Beach, shoreline and/or water front access	50	19.76%	78	26.26%
Wetlands/Adjacent forestland habitats	19	7.51%	18	6.06%
Other Wildlife habitats	10	3.95%	13	4.38%
Sea Scapes/Water Views	23	9.09%	26	8.75%
Other	3	1.19%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q11. Does your family regularly participate in any of the following leisure or outdoor recreational activities in the Mobile Bay area? (Multiple responses)**

6 Blocks or Less			More Than 6 Blocks	
Activities	Frequency	Percent	Frequency	Percent
Fresh/Salt water fishing	179	15.93%	194	16.60%
Visiting the Alabama's seashores/beaches	190	16.90%	204	17.45%
Boating/Water sports on Mobile Bay/local rivers	141	12.54%	134	11.46%
Sightseeing along Mobile Bay and adjacent woodlands	144	12.81%	151	12.92%
Bird, nature or historical tours	118	10.50%	98	8.38%
Cycling	62	5.52%	57	4.88%
Hunting on adjacent woodlands/marshlands	79	7.03%	84	7.19%

Eating at waterfront restaurants	207	18.42%	241	20.62%
Other:	4	0.36%	6	0.51%
<b>Total</b>	<b>1124</b>	<b>100.00%</b>	<b>1169</b>	<b>100.00%</b>

**Q12. Which of the following health benefits do you associate with living along the Mobile Bay? (Multiple responses)**

6 Blocks or Less			More Than 6 Blocks	
Health Benefits	Frequency	Percent	Frequency	Percent
Cleaner air supply because of sea breezes and surrounding plant growth.	140	22.62%	147	20.88%
Clean drinking water sources	105	16.96%	134	19.03%
Healthier diets due to access to fresh seafood	135	21.81%	151	21.45%
More scattered population base	74	11.95%	94	13.35%
More active lifestyles/activities because of recreational options	158	25.53%	170	24.15%
Other:	1	0.16%	1	0.14%
None of the above.	6	0.97%	7	0.99%
<b>Total</b>	<b>619</b>	<b>100.00%</b>	<b>704</b>	<b>100.00%</b>

**Q13. Which of the following local economic generators on Mobile Bay has had the greatest impact on your quality of life?**

6 Blocks or Less			More Than 6 Blocks	
Generators	Frequency	Percent	Frequency	Percent
Commercial fishing/oyster industry	53	20.95%	66	22.22%
Recreational fishing	67	26.48%	74	24.92%
Area shipyards/boatyards	26	10.28%	30	10.10%
Tourism (Gulf beaches and shoreline)	56	22.13%	67	22.56%
Port of Mobile ship and barge traffic	18	7.11%	22	7.41%
Industries/Manufacturing requiring water access	21	8.30%	23	7.74%
Forest products	12	4.74%	14	4.71%
Other:	0	0.00%	1	0.34%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q14. Which of the following environmental problems have had the greatest impact on Mobile Bay and its estuaries?**

6 Blocks or Less			More Than 6 Blocks	
Problems	Frequency	Percent	Frequency	Percent
Trash	45	17.79%	50	16.84%
Excessive fertilizer use	13	5.14%	12	4.04%
Flooding and erosion from storm water	36	14.23%	27	9.09%
Pollutants from industry	90	35.57%	99	33.33%
Pollutants from septic system failures and water waste treatment facilities	37	14.62%	50	16.84%
Over fishing	2	0.79%	6	2.02%
Population growth along Mobile Bays counties	28	11.07%	44	14.81%
Other:	2	0.79%	9	3.03%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q15. When comparing (answer from Q14) to the Deep Water Horizon oil spill, which has had a more long-term effect on the environment quality of Mobile Bay?**

6 Blocks or Less			More Than 6 Blocks	
Problems	Frequency	Percent	Frequency	Percent
Oil Spill	141	55.73%	172	57.91%
Trash	15	5.93%	18	6.06%
Excessive fertilizer use	9	3.56%	4	1.35%
Flooding and erosion from storm water	18	7.11%	12	4.04%
Pollutants from industry	42	16.60%	45	15.15%
Pollutants from septic system failures and water waste treatment facilities	15	5.93%	20	6.73%
Over fishing	0	0.00%	1	0.34%
Population growth along Mobile Bays counties	13	5.14%	22	7.41%
Other:	0	0.00%	3	1.01%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q16. Which of these infrastructure projects have had the greatest impact on the quality of Mobile Bays estuary system?**

6 Blocks or Less			More Than 6 Blocks	
Projects	Frequency	Percent	Frequency	Percent
Building of the old tunnel and causeway in 1940	29	11.46%	35	11.78%
Building of the new tunnel and Jubilee Bay Way (I-10) in 1973	28	11.07%	46	15.49%
Mobile ship channel maintenance	34	13.44%	28	9.43%
Construction of Tenn-Tom Waterway	29	11.46%	33	11.11%
Expansion of the Port of Mobile	15	5.93%	20	6.73%
Building/Development on Alabama's barrier island	35	13.83%	34	11.45%
Building/Development of industry in coastal areas	82	32.41%	97	32.66%
Other	1	0.40%	4	1.35%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q17. Which ONE of the following do you think has the most potential for impacting Alabama's seafood supply coming out of Mobile Bay and its estuaries?**

6 Blocks or Less			More Than 6 Blocks	
Projects	Frequency	Percent	Frequency	Percent
Too much/too little fresh water	15	5.93%	20	6.73%
Bacteria from local sewage overflow/septic tank failures	56	22.13%	61	20.54%
Contaminants coming from north of the coastal communities	31	12.25%	37	12.46%
Contaminants coming from storm water run-off	27	10.67%	18	6.06%
Contaminants left over from the Deep water Horizon Oil spill	97	38.34%	125	42.09%
Contaminants that settle in sediments	27	10.67%	36	12.12%
Other:	0	0.00%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q18. Using a scale of one to five, where one (1) is not important and five (5) is most important, how important is the restoration of fish nursery areas in Mobile Bay and its estuaries?**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	3	1.19%	1	0.34%
2	4	1.58%	7	2.36%
3	22	8.70%	18	6.06%
4	27	10.67%	55	18.52%
5	197	77.87%	216	72.73%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.62</b>		<b>4.61</b>	

**Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective has local, state and federal governments been in managing Mobile Bay and its estuaries for the following?**

**Q19. Shoreline erosion**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	40	15.81%	34	11.45%
2	39	15.42%	46	15.49%
3	107	42.29%	132	44.44%
4	37	14.62%	50	16.84%
5	30	11.86%	35	11.78%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.91</b>		<b>3.02</b>	

**Q20. Water pollutants from industry**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	37	14.62%	38	12.79%
2	52	20.55%	69	23.23%
3	100	39.53%	111	37.37%
4	43	17.00%	53	17.85%
5	21	8.30%	26	8.75%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.84</b>		<b>2.87</b>	

**Q21. Water pollutants from local wastewater treatment facilities**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	36	14.23%	32	10.77%
2	46	18.18%	51	17.17%
3	98	38.74%	124	41.75%
4	58	22.92%	63	21.21%
5	15	5.93%	27	9.09%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.77</b>		<b>3.01</b>	

**Q22. Storm water run-off/sediment in rivers and the bay**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	35	13.83%	30	10.10%
2	55	21.74%	61	20.54%
3	98	38.74%	121	40.74%
4	47	18.58%	60	20.20%
5	18	7.11%	25	8.42%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.83</b>		<b>2.96</b>	

**Q23. Management of fresh water/salt water fisheries**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	18	7.11%	17	5.72%
2	30	11.86%	39	13.13%
3	100	39.53%	119	40.07%
4	66	26.09%	73	24.58%
5	39	15.42%	49	16.50%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.31</b>		<b>3.33</b>	

**Q24. Management of fresh water/salt water habitats**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	15	5.93%	14	4.71%
2	33	13.04%	35	11.78%
3	98	38.74%	126	42.42%
4	73	28.85%	68	22.90%
5	34	13.44%	54	18.18%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.31</b>		<b>3.38</b>	



**Q25. Wetland loss**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	36	14.23%	23	7.74%
2	48	18.97%	56	18.86%
3	77	30.43%	121	40.74%
4	63	24.90%	54	18.18%
5	29	11.46%	43	14.48%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.00</b>		<b>3.13</b>	

**Q26. Emergency reaction to problems impacting Mobile Bay**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	34	13.44%	21	7.07%
2	35	13.83%	57	19.19%
3	89	35.18%	93	31.31%
4	63	24.90%	77	25.93%
5	32	12.65%	49	16.50%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.09</b>		<b>3.26</b>	

**Q27. Please name for me the local, state and /or federal governmental agencies that you feel have responsibility over the quality of the Mobile Bay waterways. (First response)**

6 Blocks or Less			More Than 6 Blocks	
Agency	Frequency	Percent	Frequency	Percent
Alabama Dept. of Environmental Management	61	24.11%	51	17.17%
Baldwin County	8	3.16%	4	1.35%
Environmental Protection Agency	46	18.18%	43	14.48%
City of Daphne	1	0.40%	0	0.00%
City of Fairhope	1	0.40%	0	0.00%
City of Mobile	8	3.16%	13	4.38%
Dept. Conservation & National Resources	32	12.65%	31	10.44%
U.S. Corps of Engineers	25	9.88%	32	10.77%
Mobile County	4	1.58%	14	4.71%
Mobile Bay Audubon Society	2	0.79%	4	1.35%
Mobile Bay National Estuary Program	4	1.58%	4	1.35%
United States Coast Guard	15	5.93%	29	9.76%
Other:	16	6.32%	28	9.43%

Don't know (Skip to Q31)	30	11.86%	43	14.48%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Alabama Dept. of Environmental Management in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	7	11.48%	3	5.88%
2	13	21.31%	5	9.80%
3	21	34.43%	26	50.98%
4	18	29.51%	11	21.57%
5	2	3.28%	6	11.76%
<b>Total</b>	<b>61</b>	<b>100.00%</b>	<b>51</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.91</b>		<b>3.24</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Baldwin County in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	12.50%	0	0.00%
2	0	0.00%	1	25.00%
3	4	50.00%	1	25.00%
4	2	25.00%	0	0.00%
5	1	12.50%	2	50.00%
<b>Total</b>	<b>8</b>	<b>100.00%</b>	<b>4</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.25</b>		<b>3.75</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Environmental Protection Agency in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	12	27.27%	5	11.63%
2	5	11.36%	7	16.28%
3	16	36.36%	19	44.19%
4	9	20.45%	9	20.93%
5	2	4.55%	3	6.98%
<b>Total</b>	<b>44</b>	<b>100.00%</b>	<b>43</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.64</b>		<b>2.95</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Daphne in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	0	0.00%	0	0.00%
4	4	100.00%	0	0.00%
5	0	0.00%	0	0.00%
<b>Total</b>	<b>4</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
<b>Average Score</b>	<b>4.00</b>		<b>0.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Fairhope in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	1	100.00%	0	0.00%
4	0	0.00%	0	0.00%
5	0	0.00%	0	0.00%
<b>Total</b>	<b>1</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
<b>Average Score</b>	<b>3.00</b>		<b>0.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Mobile in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	12.50%	1	7.69%
2	1	12.50%	1	7.69%
3	2	25.00%	5	38.46%
4	2	25.00%	3	23.08%
5	2	25.00%	3	23.08%
<b>Total</b>	<b>8</b>	<b>100.00%</b>	<b>13</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.38</b>		<b>3.46</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Dept. of Conservation and National Resources in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	3.45%	3	11.11%
2	5	17.24%	0	0.00%
3	8	27.59%	11	40.74%
4	9	31.03%	8	29.63%
5	6	20.69%	5	18.52%
<b>Total</b>	<b>29</b>	<b>100.00%</b>	<b>27</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.48</b>		<b>3.44</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the U.S. Corps of Engineers in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	3	12.00%	1	3.13%
2	5	20.00%	3	9.38%
3	7	28.00%	15	46.88%
4	7	28.00%	10	31.25%
5	3	12.00%	3	9.38%
<b>Total</b>	<b>25</b>	<b>100.00%</b>	<b>32</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.08</b>		<b>3.34</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile County in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	3	21.43%
3	3	75.00%	5	35.71%
4	1	25.00%	2	14.29%
5	0	0.00%	4	28.57%
<b>Total</b>	<b>4</b>	<b>100.00%</b>	<b>14</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.25</b>		<b>3.50</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay Audubon Society in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	50.00%	0	0.00%
2	0	0.00%	0	0.00%
3	0	0.00%	1	25.00%
4	1	50.00%	2	50.00%
5	0	0.00%	1	25.00%
<b>Total</b>	<b>2</b>	<b>100.00%</b>	<b>4</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.50</b>		<b>4.00</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay National Estuary Program in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	3	75.00%	2	50.00%
4	1	25.00%	2	50.00%
5	0	0.00%	0	0.00%
<b>Total</b>	<b>4</b>	<b>100.00%</b>	<b>4</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.25</b>		<b>3.50</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is United States Coast Guard in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	1	6.67%	0	0.00%
3	2	13.33%	5	17.24%
4	6	40.00%	9	31.03%
5	6	40.00%	15	51.72%
<b>Total</b>	<b>15</b>	<b>100.00%</b>	<b>29</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.13</b>		<b>4.34</b>	

**Q28. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is (Other) in protecting and/or managing Mobile Bay? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	4.76%	4	12.12%
2	4	19.05%	5	15.15%
3	4	19.05%	12	36.36%
4	7	33.33%	7	21.21%
5	5	23.81%	5	15.15%
<b>Total</b>	<b>21</b>	<b>100.00%</b>	<b>33</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.52</b>		<b>3.12</b>	

**Q29. Please name for me the local, state and /or federal governmental agencies that you feel have responsibility over the quality of the Mobile Bay waterways. (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Agency	Frequency	Percent	Frequency	Percent
Alabama Dept. of Environmental Management	25	11.21%	38	14.96%
Baldwin County	8	3.59%	7	2.76%
Environmental Protection Agency	34	15.25%	39	15.35%
City of Daphne	3	1.35%	3	1.18%
City of Fairhope	5	2.24%	2	0.79%
City of Mobile	13	5.83%	15	5.91%
Dept. Conservation & National Resources	19	8.52%	24	9.45%
U.S. Corps of Engineers	24	10.76%	23	9.06%
Mobile County	8	3.59%	13	5.12%
Mobile Bay Audubon Society	3	1.35%	0	0.00%
Mobile Bay National Estuary Program	5	2.24%	6	2.36%
United States Coast Guard	30	13.45%	32	12.60%
Other:	19	8.52%	21	8.27%
Don't know (Skip to Q31)	27	12.11%	31	12.20%
<b>Total</b>	<b>223</b>	<b>100.00%</b>	<b>254</b>	<b>100.00%</b>

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Alabama Dept. of Environmental Management in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	4.00%	4	10.53%
2	2	8.00%	4	10.53%
3	11	44.00%	16	42.11%
4	9	36.00%	7	18.42%
5	2	8.00%	7	18.42%
<b>Total</b>	<b>25</b>	<b>100.00%</b>	<b>38</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.36</b>		<b>3.24</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Baldwin County in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	3	37.50%	2	28.57%
3	2	25.00%	3	42.86%
4	3	37.50%	1	14.29%
5	0	0.00%	1	14.29%
<b>Total</b>	<b>8</b>	<b>100.00%</b>	<b>7</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.00</b>		<b>3.14</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Environmental Protection Agency in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	2	5.88%	4	10.26%
2	8	23.53%	9	23.08%
3	15	44.12%	17	43.59%
4	6	17.65%	3	7.69%
5	3	8.82%	6	15.38%
<b>Total</b>	<b>34</b>	<b>100.00%</b>	<b>39</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.00</b>		<b>2.95</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Daphne in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	1	33.33%
2	0	0.00%	0	0.00%
3	0	0.00%	2	66.67%
4	2	66.67%	0	0.00%
5	1	33.33%	0	0.00%
<b>Total</b>	<b>3</b>	<b>100.00%</b>	<b>3</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.33</b>		<b>2.33</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Fairhope in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	1	50.00%
2	0	0.00%	0	0.00%
3	2	40.00%	0	0.00%
4	0	0.00%	1	50.00%
5	3	60.00%	0	0.00%
<b>Total</b>	<b>5</b>	<b>100.00%</b>	<b>2</b>	<b>100.00%</b>
<b>Average Score</b>	<b>4.20</b>		<b>2.50</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the City of Mobile in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	3	23.08%	1	6.67%
2	0	0.00%	4	26.67%
3	5	38.46%	4	26.67%
4	5	38.46%	2	13.33%
5	0	0.00%	4	26.67%
<b>Total</b>	<b>13</b>	<b>100.00%</b>	<b>15</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.92</b>		<b>3.27</b>	



**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the Dept. of Conservation and National Resources in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	2	10.53%	1	4.17%
2	2	10.53%	3	12.50%
3	9	47.37%	8	33.33%
4	5	26.32%	10	41.67%
5	1	5.26%	2	8.33%
<b>Total</b>	<b>19</b>	<b>100.00%</b>	<b>24</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.05</b>		<b>3.38</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is the U.S. Corps of Engineers in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	3	12.50%	3	13.04%
2	3	12.50%	2	8.70%
3	11	45.83%	9	39.13%
4	7	29.17%	6	26.09%
5	0	0.00%	3	13.04%
<b>Total</b>	<b>24</b>	<b>100.00%</b>	<b>23</b>	<b>100.00%</b>
<b>Average Score</b>	<b>2.92</b>		<b>3.17</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile County in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	1	12.50%	0	0.00%
2	1	12.50%	2	15.38%
3	2	25.00%	7	53.85%
4	3	37.50%	4	30.77%
5	1	12.50%	0	0.00%
<b>Total</b>	<b>8</b>	<b>100.00%</b>	<b>13</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.25</b>		<b>3.15</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay Audubon society in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	0	0.00%	0	0.00%
4	2	66.67%	0	0.00%
5	1	33.33%	0	0.00%
<b>Total</b>	<b>3</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
<b>Average Score</b>	<b>4.33</b>		<b>0</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is Mobile Bay National Estuary Program in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	0	0.00%	0	0.00%
2	0	0.00%	0	0.00%
3	3	60.00%	2	33.33%
4	2	40.00%	3	50.00%
5	0	0.00%	1	16.67%
<b>Total</b>	<b>5</b>	<b>100.00%</b>	<b>6</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.40</b>		<b>3.83</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is United States Coast Guard in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	2	6.67%	2	6.25%
2	1	3.33%	3	9.38%
3	5	16.67%	9	28.13%
4	11	36.67%	6	18.75%
5	11	36.67%	12	37.50%
<b>Total</b>	<b>30</b>	<b>100.00%</b>	<b>32</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.93</b>		<b>3.71</b>	

**Q30. Using a scale of one to five, where one (1) is not effective and five (5) is most effective, how effective is (Other) in protecting and/or managing Mobile Bay? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	5	26.32%	2	9.52%
2	2	10.53%	3	14.29%
3	1	5.26%	8	38.10%
4	5	26.32%	5	23.81%
5	6	31.58%	3	14.29%
<b>Total</b>	<b>19</b>	<b>100.00%</b>	<b>21</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.26</b>		<b>3.19</b>	

**Q31. How should the responsibility for protecting and managing Mobile Bay and its estuaries be funded?**

6 Blocks or Less			More Than 6 Blocks	
Funded	Frequency	Percent	Frequency	Percent
Usage fees from area manufacturers/industries	42	16.60%	40	13.47%
Usage fees from boaters, fishermen, etc.	16	6.32%	22	7.41%
Penalties/Fines from polluters	78	30.83%	106	35.69%
Special local taxes from surrounding county residents	7	2.77%	11	3.70%
Funded directly from existing county/state funds	47	18.58%	61	20.54%
Funded directly from existing federal tax funds	43	17.00%	48	16.16%
Other	18	7.11%	7	2.36%
Don't fund	2	0.79%	2	0.67%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q32. Have you ever heard of Mobile Bay National Estuary Program (MBNEP)?**

6 Blocks or Less			More Than 6 Blocks	
Heard of MBNEP	Frequency	Percent	Frequency	Percent
Yes	125	49.41%	126	42.42%
No	128	50.59%	171	57.58%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q33. If you knew that the Mobile Bay National Estuary Program's purpose was to assemble government, industry, academia and the community to take actions that reduce the degradation of Alabama's waterways and estuaries and to ensure their long term health, how successful would you rate their performance to date?**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
Poor	14	5.53%	14	4.71%
Below Average	30	11.86%	23	7.74%
Average	138	54.55%	179	60.27%
Above Average	44	17.39%	52	17.51%
Excellent	4	1.58%	11	3.70%
Don't know	23	9.09%	18	6.06%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q34. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	47	18.58%	70	23.57%
Environmental research	30	11.86%	31	10.44%
Habitat restoration	62	24.51%	56	18.86%
Help government, industry & academia coordinate their environmental management	21	8.30%	26	8.75%
Direct funding sources toward local environmental needs	9	3.56%	12	4.04%
Sponsor community environmental activities	5	1.98%	2	0.67%
Education & outreach	50	19.76%	65	21.89%
Community conservation planning	29	11.46%	35	11.78%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q35. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	27	10.67%	24	8.08%
Environmental research	50	19.76%	65	21.89%
Habitat restoration	51	20.16%	75	25.25%
Help government, industry & academia coordinate their environmental management	25	9.88%	25	8.42%
Direct funding sources toward local environmental needs	27	10.67%	23	7.74%
Sponsor community environmental activities	11	4.35%	7	2.36%
Education & outreach	41	16.21%	45	15.15%
Community conservation planning	21	8.30%	33	11.11%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q36. Which of the following are the three most important functions for the Mobile Bay National Estuary Program to undertake? (Third response)**

6 Blocks or Less			More Than 6 Blocks	
Function	Frequency	Percent	Frequency	Percent
Monitoring of water & air conditions	33	13.04%	37	12.46%
Environmental research	44	17.39%	41	13.80%
Habitat restoration	46	18.18%	54	18.18%
Help government, industry & academia coordinate their environmental management	18	7.11%	26	8.75%
Direct funding sources toward local environmental needs	27	10.67%	21	7.07%
Sponsor community environmental activities	16	6.32%	22	7.41%
Education & outreach	32	12.65%	57	19.19%
Community conservation planning	37	14.62%	39	13.13%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q37. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (First response)**

6 Blocks or Less			More Than 6 Blocks	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	59	23.32%	66	22.22%
Trash, pesticides, urban residue	47	18.58%	75	25.25%
Invasive species	18	7.11%	19	6.40%
Fishery, wildlife populations	14	5.53%	22	7.41%
Salt water fisheries	6	2.37%	5	1.68%
Shoreline erosion	20	7.91%	25	8.42%
Dirt, sediment	14	5.53%	8	2.69%
Wetland, sea grasses	14	5.53%	14	4.71%
Public access	5	1.98%	8	2.69%
Public education/involvement	54	21.34%	55	18.52%
Other	2	0.79%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q38. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (Second response)**

6 Blocks or Less			More Than 6 Blocks	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	33	13.04%	37	12.46%
Trash, pesticides, urban residue	69	27.27%	64	21.55%
Invasive species	19	7.51%	36	12.12%
Fishery, wildlife populations	30	11.86%	42	14.14%
Salt water fisheries	13	5.14%	14	4.71%
Shoreline erosion	28	11.07%	34	11.45%
Dirt, sediment	7	2.77%	9	3.03%
Wetland, sea grasses	19	7.51%	19	6.40%
Public access	8	3.16%	9	3.03%
Public education/involvement	27	10.67%	33	11.11%
Other	0	0.00%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q39. Which of the following are the three most important issues for Mobile Bay National Estuary Program to address? (Third response)**

6 Blocks or Less			More Than 6 Blocks	
Issues	Frequency	Percent	Frequency	Percent
Water clarity	25	9.88%	30	10.10%
Trash, pesticides, urban residue	37	14.62%	47	15.82%
Invasive species	24	9.49%	19	6.40%
Fishery, wildlife populations	27	10.67%	32	10.77%
Salt water fisheries	13	5.14%	19	6.40%
Shoreline erosion	47	18.58%	39	13.13%
Dirt, sediment	12	4.74%	19	6.40%
Wetland, sea grasses	20	7.91%	24	8.08%
Public access	15	5.93%	21	7.07%
Public education/involvement	33	13.04%	47	15.82%
Other	0	0.00%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q40. Using a scale of one to five, where one (1) is that you don't believe and five (5) is that you are absolutely convinced, how convinced are you that the sea level is rising?**

6 Blocks or Less			More Than 6 Blocks	
Rating	Frequency	Percent	Frequency	Percent
1	50	19.76%	92	30.98%
2	37	14.62%	36	12.12%
3	67	26.48%	74	24.92%
4	39	15.42%	38	12.79%
5	60	23.72%	57	19.19%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average Score</b>	<b>3.09</b>		<b>2.77</b>	

**Q41/42. What is your age?**

6 Blocks or Less			More Than 6 Blocks	
Age range	Frequency	Percent	Frequency	Percent
18-24	9	3.56%	5	1.68%
25-34	16	6.32%	14	4.71%
35-44	32	12.65%	42	14.14%
45-54	70	27.67%	82	27.61%
55-64	71	28.06%	88	29.63%
65-74	55	21.74%	66	22.22%
Refused	0	0.00%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average</b>	<b>52.97 Years</b>		<b>53.92 Years</b>	

**Q43. What is your race?**

6 Blocks or Less			More Than 6 Blocks	
Race	Frequency	Percent	Frequency	Percent
White/Caucasian	198	78.26%	224	75.42%
Hispanic	0	0.00%	2	0.67%
Black/African American	51	20.16%	64	21.55%
Asian	1	0.40%	2	0.67%
Other	3	1.19%	5	1.68%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q44. How many people live within your household?**

6 Blocks or Less			More Than 6 Blocks	
People in Household	Frequency	Percent	Frequency	Percent
0-2	136	53.75%	169	56.90%
3-5	107	42.29%	122	41.08%
6-8	10	3.95%	4	1.35%
9-10	0	0.00%	1	0.34%
11+	0	0.00%	1	0.34%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average</b>	<b>2.51 People</b>		<b>2.38 People</b>	

**Q45. How many children under 18 years of age live in your household?**

6 Blocks or Less			More Than 6 Blocks	
Children Under 18 Years	Frequency	Percent	Frequency	Percent
0-2	238	94.07%	279	93.94%
3-5	15	5.93%	18	6.06%
6-8	0	0.00%	0	0.00%
9-10	0	0.00%	0	0.00%
11+	0	0.00%	0	0.00%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average</b>	<b>1.18 Children</b>		<b>1.18 Children</b>	

**Q46. What is your marital status?**

6 Blocks or Less			More Than 6 Blocks	
Marital Status	Frequency	Percent	Frequency	Percent
Married	165	65.22%	209	70.37%
Divorced	22	8.70%	32	10.77%
Single	40	15.81%	26	8.75%
Widowed	26	10.28%	30	10.10%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>



**Q47. What is your household income level?**

6 Blocks or Less			More Than 6 Blocks	
Household income	Frequency	Percent	Frequency	Percent
Under \$25,000	41	16.21%	54	18.18%
\$25,000-\$34,999	31	12.25%	42	14.14%
\$35,000-\$44,999	23	9.09%	27	9.09%
\$45,000-\$54,999	12	4.74%	26	8.75%
\$55,000-\$64,999	28	11.07%	21	7.07%
\$65,000-\$74,999	23	9.09%	17	5.72%
\$75,000-\$99,999	27	10.67%	32	10.77%
\$100,000-\$149,999	21	8.30%	25	8.42%
Above \$150,000	17	6.72%	10	3.37%
Refused	30	11.86%	43	14.48%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>
<b>Average</b>	<b>\$ 56,531.29</b>		<b>\$50,050.19</b>	

**Q48. How would you describe your political affiliation?**

6 Blocks or Less			More Than 6 Blocks	
Political Affiliation	Frequency	Percent	Frequency	Percent
Republican	94	37.15%	125	42.09%
Democrat	69	27.27%	82	27.61%
Independent	73	28.85%	79	26.60%
Refused	17	6.72%	11	3.70%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q49. What is your work status?**

6 Blocks or Less			More Than 6 Blocks	
Work status	Frequency	Percent	Frequency	Percent
Full-time employed	114	45.06%	135	45.45%
Part-time employed	24	9.49%	16	5.39%
Retired	70	27.67%	90	30.30%
Disabled	23	9.09%	23	7.74%
Student	3	1.19%	6	2.02%
Refused	1	0.40%	1	0.34%
Unemployed	18	7.11%	26	8.75%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q50. What is the highest level of education you have completed?**

6 Blocks or Less			More Than 6 Blocks	
Education	Frequency	Percent	Frequency	Percent
Less than High School	13	5.14%	24	8.08%
High School/GED	71	28.06%	96	32.32%
Some College/Trade School	67	26.48%	71	23.91%
College Grad.	73	28.85%	62	20.88%
Post Grad.	27	10.67%	42	14.14%
Refused	2	0.79%	2	0.67%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>

**Q51. Gender**

6 Blocks or Less			More Than 6 Blocks	
Gender	Frequency	Percent	Frequency	Percent
Male	105	41.50%	121	40.74%
Female	148	58.50%	176	59.26%
<b>Total</b>	<b>253</b>	<b>100.00%</b>	<b>297</b>	<b>100.00%</b>