# Potential III Effects From Consumption of Fish and Seafood

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## Background
- Louisville Metro is one of the oldest health departments in the country—dating back to 1886  
- LMPHW’s vision is: A healthy Louisville where everyone and every community thrives  
- LMPHW’s mission is: To achieve health equity and improve the health and well-being of all Louisville residents and visitors  
- Selected as an intern at Louisville Metro Department of Public Health and Wellness

## Objectives
- To work with multiple public health professionals to gain an understanding of their particular field of work  
- To create a survey and identify which seafood is eaten the most among Louisville residents  
- To create an informational brochure for high risk individuals

## Methods
- Shadowed multiple different public health professionals in different departments over the course of 3 months  
- Partnered with one of LMPHW’s health inspectors  
- Sent out a survey to those in the Louisville area to determine what type of seafood is being consumed the most  
- Formulated an informational brochure based off of survey data

## Results
- Gained a better understanding of the different departments within LMPHW. This includes: CHE, Environmental Health, Emergency Preparedness, and Clinical work  
- Learned how to communicate with public health professionals  
- Gained experience with data collection and how to apply it in the real world

## Limitations
- Limited by the amount of time I had to work on my project independently  
- Limited by my overall amount of knowledge regarding risk with fish and seafood consumption  
- Limited by the amount of responses I had for data collection

## Conclusion
- Gained knowledge and understanding of how all of the different departments within LMPHW coordinate and collaborate  
- Gained experience that will be useful in my future profession as a health inspector  
- Successfully created an informational brochure based off of the survey data that was collected  
- Acquired an interest in the risk of seafood consumption  
- Had a great learning experience

## Acknowledgments
- Acknowledgement is given to Louisville Metro Department of Public Health and Wellness, under the leadership of Dr. Billie Castle and Dan Meyer  
- Credit is also given to those who I shadowed over the course of my stay at LMPHW

### Survey Results

<table>
<thead>
<tr>
<th>Seafood</th>
<th>Percentage</th>
<th>Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salmon</td>
<td>26.09%</td>
<td>(12)</td>
</tr>
<tr>
<td>Shrimp</td>
<td>30.43%</td>
<td>(14)</td>
</tr>
<tr>
<td>Tilapia</td>
<td>6.52%</td>
<td>(3)</td>
</tr>
<tr>
<td>Crab/lobster</td>
<td>10.87%</td>
<td>(3)</td>
</tr>
<tr>
<td>Tuna</td>
<td>10.87%</td>
<td>(3)</td>
</tr>
<tr>
<td>Oysters</td>
<td>2.17%</td>
<td>(1)</td>
</tr>
<tr>
<td>Other</td>
<td>13.04%</td>
<td>(6)</td>
</tr>
</tbody>
</table>

*Data is based off of 46 responses*