

May 2, 2023 Harbor Capacity Study Steering Committee Meeting

TUESDAY, MAY 2, 2023

5:30 PM

- 1. CALL TO ORDER**
- 2. ROLL CALL/PLEDGE OF ALLEGIANCE**
- 3. APPROVAL OF MINUTES**
 - A. April 10, 2023**
- 4. PUBLIC COMMENTS**
- 5. NEW BUSINESS**
 - A. Harbor Capacity Study - Update**
- 6. PUBLIC COMMENTS (Comments from the public on any matters considered at the meeting, or on any matters not on the agenda)**
- 7. ADJOURNMENT**

If a person decides to appeal any decision made by the City Council, committee, board, panel, or agency with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she will may need to ensure that a record of the verbatim record of the proceedings is made, which record includes the testimony and evidence upon the appeal is to be based. "Persons with disabilities who require assistance to participate in this meeting are requested to notify the City Clerk's Office 850.837.4242 at least 48 hours in advance".

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MINUTES
HARBOR CAPACITY STUDY
STEERING COMMITTEE MEETING
WEDNESDAY, APRIL 10, 2023
DESTIN CITY HALL ANNEX CHAMBERS
5:30 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

The Harbor Capacity Study Steering Committee met in regular session with the following members and City staff present:

2. ROLL CALL:

Members Present

Capt. Jim Green
Michael Dombrowski
John Stephens
Ian Blaise
Eddie Morgan
Patrick Wilson

Staff Present

Community Development Director Louis Zunguze
Deputy City Clerk Kim Montgomery
Principal Planner Steven O'Connor
Senior Planner Daniel Butler

Members Absent

Mike Buckingham

3. CALL TO ORDER

Chairman Green called the meeting to order at 5:30 PM.

4. AGENDA APPROVAL:

Motion by Committee member Stephens, seconded by Committee member Blaise, to approve the agenda. The motion passed 6-0.

5. APPROVAL OF MINUTES: APRIL 21, 2022

Motion by Committee member Stephens, seconded by Committee member Dombroski, to approve minutes of the April 21, 2021, meeting passed 6-0.

6. NEW BUSINESS:

Mr. Zunguze spoke of the challenges that were encountered in the past almost three years to get to this point.

The three strategic goals of the study are:

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- Promote the safety and enjoyment of the Destin harbor and the surrounding waterways
- Promote environmental health of the harbor and the surrounding waterways
- Promote and economic viability of the Destin harbor

Their task is to review and discuss the findings of the study to formulate a series of recommendations to City Council. Their overall goal of their recommendations is to ensure that the Destin harbor remains the World Class Destination for the residents and visitors to enjoy. With that, the need to find and establish the delicate balance between ensuring environmental health as well as safety and enjoyment for everyone, citizens, and visitors alike as well as promoting economic viability for all the businesses in the harbor.

➤ Study Overview

Authorized under Section 22 of the Water Resources Development Act, 1974, as amended, authorizes the ACOE to partner with local and state entities to provide technical assistance supporting efforts related to the management of the State Water Resources. The partnership agreements for this study was signed in November of 2021 to identify:

- Carrying capacity of the harbor
- uses of the harbor
- the existing and future conditions of the harbor and the magnitude of PS Level Scope
- Develop the recommendations under the local strategic objections in order to promote safety, enjoyment and environmental health of the harbor and economic health for the businesses along the harbor and its surrounding waters

All of the above aligns with Destin's strategic goals set forth in the Destin Comprehensive Plan 2020 to Enhance the Quality of Life.

The Carrying Capacity Approach, the following data was acquired:

- Vessel traffic
- Slip occupancy
- Vehicle parking lot occupancy
- Boat trailer parking
- Results of the surveys

Ms. Eva pointed out that the data collected was not entirely for just the harbor, but the adjacent waterways was included in the results as well, with the dates being collected over the summer of 2022, with a mix of weekends, holidays and regular weekdays for a consistent results in order to observe any trends. The total collection was 12 holiday weekend days, 9 regular weekend days, and 10 regular weekdays.

The following eight vessels were classified on their data collection sheets, characteristic of the fleet that frequent and operate in the Destin harbor:

- Fishing Charters
- Tour Charters
- Livery Pontoons

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- Personal Pontoons
- Personal Vessels – excluding jet skis & pontoons
- Sailboats
- Jet skis inclusive of personal and livery
- Non-water recreational crafts – kayaks and stand up paddle boards

Harbor slip facilities were determined by:

- Physical accessibility by the survey team
- Concentration of businesses operating along a portion of the harbor district (tour charters) from the mouth of the harbor to the Destin Yacht Club

She spoke of the challenges met in the study regarding the varying size of the slips and how the layouts made it difficult to obtain a correct count from the ground level because of the fact that there are some slips with more than one vessel mooring. Noting that pontoons were typically rafted up in sometime three to four at a time. With these challenges, it's hard to determine if they were occupied or over occupied therefore, to address those inconsistencies, they considered each slip to be occupied with a vessel of 20-feet overall, which helped uniformize the slip inventory for the total estimate of slips, which came out to be 335 for the area they observed.

Additionally, vehicle parking facilities were determined by the following by the proximity to the services along the harbor boardwalk, from Margaritaville east to Destin Yacht Club and access to Norriego Point with a total of approximately 1,400 parking stalls. The total north of the harbor was determined to include Marler Parking Lot, public parking in the harbor CRA district, and Joe's Bayou which totaled 83.

➤ **Carry Capacity Analysis Results**

Vessel Traffic Count for the summer showed three different types of vessels rivaled for entry and exit out of the harbor with Livery Pontoons and Personal Vessels totaling approximately 53,000 and jet skis approximately 38,000. In regards to the harbor slip capacity, they looked at the average slip occupancy percentage based on their counts while the teams were in town observing and collecting data, was analyzed by the time of day, being morning, afternoon, and evening; with the highest occupancy being observed at 6 PM with 80-90% of the slips being occupied, being that the fishing and trip charters and liveries were in by that time. Additionally, the 10 AM to noon timeframe showed being the most being vacant because vessels were out.

- **Vehicle Occupancy**

These counts are represented by the day of the week, which shows that the highest occupancy being in the evening at approximately 80% and that the results show that it was nearly full but did not exceed above 90%, these counts were only for the harbor only.

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The counts for north of the harbor were taken during a typical week at Joe's Bayou Capt. and Leonard Destin Park, for kayak and paddle board launching. The highest occupancy for parking at these location was 12 PM, especially on weekends.

To summarize, given the scope and the length of the study, they based the variances on a typical week of the four determining factors:

- Facility carrying capacity is full
- Social carrying capacity is also full
- Spatial carrying capacity has exceeded its capacity
- Ecological carrying capacity

The scope for the harbor is at full capacity reflected on the slips in the harbor. The parking lots and the launches were determined to be at 75% on the weekends.

- **Approach of the Data Collection**
- **Perception Survey Results**
- **Planning Process**

- **Open Discussion**

Committee member Stephens spoke of his concern for water quality data provided by the Choctawhatchee Basin Alliance (CBA) analysis and by looking at the numbers, they are overall very good with just two spikes in the turbidity, which could be related to weather. He also spoke of how there is currently no waste oil disposal available - noting that the Harbor and Waterways Board is currently working on a fuel contingency and oil abatement plan with the Coast Guard to come up with some recommendation for regulations.

Chairman Green spoke of the importance of widening the channel and dredging the shoal, which would help with the water quality.

Committee member Blaise questioned the WALRUS coefficient and questioned the benchmark that Destin is being compared to and spoke of how he feels the one acre per vessel seems very liberal.

Ms. Eva explained that it has been used in several other national studies and that the range is very broad to account for the different characteristics specific to a harbor or lake type city. Noting that it requires the speed of each type of vessels that are utilized in the body of water being studied.

Committee member Blaise questioned that validity because of the idle speed requirements in the harbor and how there would not be a vessel speeding up next to a kayaker. He then asked, if Destin is considered an urban harbor, how can it be compared to other larger harbors in the state. Additionally, he feels that this study was deemed invalid with the large marina that is coming in across the harbor.

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Chairman Green pointed out to Committee member Blaise that the marina he is referring to was approved prior to the study and is private marina with a submerged land lease.

According to Ms. Eva the WALRUS methodology only describes it to being an extensively developed and populated city and some metropolitan spaces where virtually all land spaces contains manmade structures. Therefore, to her the classifications are relative to suburban and rural developed.

Mr. TJ of ACOE stated that in regards to the WALRUS model, in consideration of livery vessels, the model operates as a closed system and the one acre, even though there are wake zones, those are not always adhered to and when there is a pontoon boat that does not have a skilled operator, there is not a lot room for the comparison.

Chairman Green suggested that maybe they went with the uncertainty and they may have elevated the numbers to account for that uncertainty.

Ms. Eva admitted they knowingly underestimated the numbers and spoke of how if they were to conduct a sensitivity analysis, and decrease the numbers by 10-15%, they still would not change much, and given all that, there is a lot of nuance inside the harbor itself with the private marinas, which they have not control. However, what they did look at is what was applicable and suffice for the analysis. That being, there is this limited number of acreage, whether the people are docking or just passing thorough to get to a certain location in the harbor. She continued that it's what the spatial demand is, and on the very limited demand of surface, serviceable waters. Therefore, to provide that information, the no wake zones contribute to spatial carrying capacity density and could not be calculated. They try very hard to not just come out with numbers, and that what they provided is a range. Additionally, if they were to look at it from a sensitivity analysis prospective, the density would not change much because there would still be a lot of traffic and bottlenecks at the mouth of the harbor. She additionally pointed out that they were not able to consider the existing conditions mentioned for the harbor pump in detail and would be considered in a Section 107 Study, and is why that is a recommendation.

Committee member Blaise asked about the study of the slips in the harbor and asked if only a fraction of the harbor was studied in just the harbor district. Ms. Eva confirmed that statement. Committee member Blaise asked if the peak capacity of Crab Island was addressed and if they addressed all the number of boats that do not come into the harbor.

Ms. Eva stated that is another reason why they understated the numbers because it was based on the numbers observed entering or exiting the harbor and, there was no way for them to determine the origins of all the vessels, acknowledging that there are vessels coming from all the other adjacent cities on the Choctawhatchee Bay.

According to Committee member Stephens, he recalls safety videos being discussed and

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spoke of how the Okaloosa County Water Sports Operators Coalition has created a Navigational Water Safety video and last year, a Waverunners Safety video, and a Pontoon Operators Safety video is being created this year. As well as a checklist is being created to go over with all of the renters. He mentioned a safety meeting that took place earlier in the year and the Coast Guard Auxiliary attended and spoke of the importance for all the businesses to have all of their vessels inspected by them.

Committee member Dombroski pointed out that in their surveys, they did not address where the vessels originated or are going to and also, out of the 1,200 surveys they sent out, they only got back 230. Additionally, in terms of the study itself, he spoke of how he didn't see the harbor entrance being addressed, which to him, is one of the biggest limitations of the harbor, in terms of navigability, safety wise, and asked if they were going to do anything further to address those.

According to Ms. Eva, the scope of the study already had a couple of different components to it, which was to collect the data, process it and to conduct the survey. In developing the recommendations, they did look at the harbor entrance and there were six iterations that will be addressed. However, they did look at some of the alternatives, but immediately, they ran up against scope constraints. To look at the harbor entrance and the channel in a more robust way would require another study.

Mr. TJ spoke of one of the constraints they encountered during the study, one being the Norriego Point project that had just been completed with Federal Funds. The methodology of changing the geometry of the channel entrance without immediately going back and reducing the land mass that had been created, and how one of the things he saw was when there was Federal funds involved, shore bird habitats also have to be considered.

Committee member Dombroski pointed out that what he meant was, in looking at the existing navigation channel and the width, depth and the speeds of the boats; they could then go through and get what the carrying capacity is of the channel is along with the impediment of the shoal, to determine how many vessels can get in and out on an hourly basis. In talking about removing the shoal, he questioned how that would increase the navigability and the safety within the harbor itself. He also spoke of how he has always been a big proponent of removing the shoal, which would increase the flushing capacity of the harbor by almost 10%, and how he feels this is something that needs to be addressed and to him, what a carry capacity study is, is the maximum that the system can support. Looking in this study, he is still trying to find how many more boats can get in the harbor. He spoke of how it's a very informative study, however, there is nothing that he can find that shows the carrying capacity number of boats that the harbor can ultimately support.

Mr. TJ, ACOE Representative stated that in looking at this study, they are looking at a number of conditions. And when you start talking about large structural measures, and changing

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the shape of the mouth, you get into a CAP 107 study. The work they did was determined on what the existing shape of the harbor is and getting into the overall carrying capacity study. Additionally, on a holiday day in the middle of the day, such as the fourth of July, the mouth of the harbor will always be choked out, and he does not feel that removing the shoal would necessarily make a difference.

Chairman Green spoke of how he operates the largest boat in the harbor, and what they're trying to figure out is how much can it take and how much more can it withstand. He also spoke of how by law and insurance purposes, he has to stay in the 50-foot channel, and what they wanted to find out is if the channel is opened up through the bottleneck, would that help solve some of the congestion problems that currently exist out there, and possibly not allowing the boats to anchor on Norriego Point.

Mr. Dombroski stated that if they could open up the shoal at the mouth it would benefit in terms of safety and navigability. He also spoke of not agreeing with the numbers emphasizing that there are a lot of outside boats coming into the harbor that don't have a clue what the navigational rules are. He also spoke of how he knows it's not the livery vessel business's fault either. Because he has witnessed them providing their renters with the necessary safety videos, explaining the no wake zones and the location of the channel markers in the harbor, but as soon as the renters get on their vessels, they go full throttle out into the harbor.

ACOE representative stated that in regards to the shoaling, when they get to the 50/50 cost share of the Cap 107 Study which is \$14M total, they can get into some of the modeling capacity that the CORP has for harbor zone and can see what it looks like if they were to remove the shoal to see what the channel would look like and what could be done with the capacity, and that is outside of this study.

According to Committee member Dombroski, they would need to determine what a new channel configuration would look like outside of what the boundaries of channel relocation, to address that issue.

Ms. Eva explained the strategic objective that was laid out for the carrying capacity study and the sideboards of what all they looked at, when they looked at the parking lot facilities, as well as the harbor slips, their resources were shifted to look at it from a perspectives in terms of the navigational channel and how they would focus on a section 107 approach. She then introduced her supervisor, Mr. Tom Jester, and asked that he explain to the board the CAP program.

Mr. Jester explained that based on the study they were approved for, they were not allowed to go any further into what a CAP 107 would have accomplished, which is a more extensive study. Additionally, if they would pursue that study, they would be able to implement the data collected in the Harbor Capacity Study.

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Capt. Green asked about the general timeline for a CAP 107 Study.

Mr. Jester explained that a CAP 107 is not always funded by Congress or the President and the city would need to reach out to their Senators and Representatives to ensure that would happen. And that once they did get the necessary funding, it could be up to four years, depending on how complex it would be.

Committee member Stephens asked if they did the CAP 107, would they be able to capture exactly how many slips there are actually in the harbor. According to Mr. Jester they would have to go back and do some additional inventorying.

ACOE representative explained that one of the things they do in the Corp planning process is to get their best robust dataset that already exists and work their way backwards and determine the holes. Essentially, one of the things they would determine in the 107 study would be small boat navigation. Anything that would affect that would be studied, and getting within that study bounds that are set and are reasonable within cost, within modeling, and reasonable within final costs of something like \$10-14 million.

Capt. Green stated that when this panel initially started, they discussed a lot of the things that they thought were good. What they wanted to find out is exactly how many slips were in the harbor and what their specificity was, and wondered if they should have been doing the 107 study from the beginning but with some of the same goals and objections. Such as how many more slips could the Destin harbor hold with the channel where it's currently located. Adding that when the results came out, they were expecting more of an inventory of what is there, instead of a sampling data set.

ACOE representative informed Capt Green that if they had done the 107 study, which is strictly water, they would not have had the parking aspect and some of the other data collected wouldn't have been available either.

Committee member Dombroski stated that since the entrance is a Federal Navigational Channel down to Destin Yacht Club, and if Congressionally approved, could this study help determine the channel location needs to be modified under a 107 or would it have to go back thorough a Congressional Authorization?

ACOE representative stated that a 107 is more of a navigational study. They can set up where they can model the water quality from changing the navigation but the 107 looks at small boat navigation harbor.

In comparing the differences between a 107 and a 302 study, Mr. Dombrowski asked if there is any difference in regards to timing.

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ACOE representative stated that it depends on how much Congress had allocated, one of the things about CAP, which is the Continuing Authorities Program, a set of funds is set up from congress and when they go to a large study, like the one they did for the Mobile harbor, they were involved in a huge fish study on the Alabama River. The non-federal sponsor goes to congress and says we're going to do this whole study, and Congress has to approve that whole study. On CAP, there's an existing pot of money that gets delegated by either the Pentagon or at the United States Headquarters level to be distributed to projects. One of the advantages that gets you though when you go to, if we say, okay we do need to move the federal channel, you'll have a full environmental work on that. So, you'll have your National Environmental Policy Acts documentation, that's part of the feasibility report and all of that will be analyzed as part of that study like with PAS. We don't even normally have environmental people on a PAS study. Destin's economics is tightly linked to the fishing and the water quality aspect.

Mr. Dombroski asked when the completion date was being considered.

According to Ms. Eva, they are aiming towards a report handover in early May, and they in discussions of a second meeting about around that time.

Committee member Blaise asked since the National Park Service is 1/3 of the zone that was studied, would they be provided the information on the MPS Study that was conducted.

Committee member Morgan spoke how in Objective One, the safety videos that are shown to the livery vessel renters their effectiveness is questionable at best they can still go outside the boundaries of the channel markers. Even if those markers are replaced with improved ones and they are even more noticeable, they are not bound to stay within the channel like the Charter Boat Captains are. He spoke of how he feels they are more encouraged to disregard the rules because of the type of vessels they're operating and questioned the balance, because to him, they are creating a bigger problem

According to the Chairman, as a mariner, he knows where the channels are marked and can see them, but most people don't see the channel because it's not very well marked in certain areas. Noting that the channel was put in place in the 40's, when there was no traffic at all and they used the natural contours to navigate by however now, its limiting how far docks can be built and where the waterway actually is located is putting everyone in a bind. He stated that he would like to see the city work more on what is needed to get Congress to allow the channel to be redefined realizing it's going to take years and a lot of funding, but it needs to be done.

➤ **Public Comments**

Ms. Maya Shoulder of 45 Ferry Road in Fort Walton Beach asked what the reasoning was for separating the personal pontoons and personal vessels in the summer vessel entry/exit totals.

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Chairman Green informed her it was asked by the city because there was a concern that there was an overcapacity and over utilization of lively vessels in the harbor, and one of the core reasons why it was counted that way.

Greg Fischer, 1242 Emerald Bay Drive asked to make sure that half of the BUI that were reported, were private boaters. He then questioned the fact that when the moratorium was put in place four years ago, ideally no more livery vessels should have been added to the harbor, pointed out that currently, there is still a problem with pontoon boats if not a lot worse. Making his point, he stated that he knows it's a lot worse because he books boats all over the county and they are being brought in from Walton County, Fort Walton Beach, Niceville and other areas and that in the past two years, about 300 have become operational. Emphasizing that even though there is a moratorium in Destin, all those boats will still be coming into the harbor, and they can't be stopped. He spoke of how when Highway 98 was at capacity, another lane was installed, which tremendously helped the traffic congestion, and asked how else is the harbor going to get fixed in regards to capacity and traffic problems unless the other cities have moratoriums put in place in the county or, something is done to widen the channel.

Capt. Green pointed out there were other reasons for the moratorium and pushing out the other industries that have been in Destin since its inception was the concern. With an over proliferation of uses including food trucks, the spill over into adjacent properties, parking was becoming an issue.

Mr. Chuck Hires 360 Harbor Blvd and owns Happy's Water Sports spoke of how even if the moratorium is lifted, there aren't any slips available for more boats. He spoke of how he runs a big boat, Boogie's glass bottom boat for 149 passengers, and how he sees the issues right at the mouth of the harbor. He mentioned how he backs out three or four times a day, and with the fireworks yes, it gets congested, spoke of how he can count on one hand how many times boats have bumped. He spoke of how it does get crowded and people are going a bunch of different directions, but sitting there every day, all day, it's not as bad as its being portrayed. Additionally, being in the livery business, although they stress safety and show the videos, they're not all going to be perfect, but the tourist that come to the harbor, want the crowds and want to go out to Crab Island to hang out with people. Maybe the boat captains and mates can't see it that way and don't want that. However, lets not lose the fact of what's bringing people here, Crab Island, fishing, the beaches.

Mr. Claude Perry spoke of how he has lived on the harbor for 50+ years and drives his boat almost daily and they cannot make regulations based on July 4th and Memorial Day. He said that to him, there is plenty of capacity and the harbor is very safe. He then referred to page 57 regarding the practice of protecting vehicular parking for the patrons is creating inefficiencies for parking, and he does not agree with the logic. He spoke of how some places charge \$20 for parking and some only \$10 and how he does not agree with the city raising their parking to \$20 per day from \$5.00. He spoke of the need for a Harbor Master and some emphasis to getting Channel Markers put in by the Coast Guard, since that is a Coast Guard function and they should

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readily want do that. He feels the city is being neglectful in managing the harbor and the waters and that needs to be considered.

There was a brief discussion on the past city employee who patrolled the harbor and their duties as well as there being a presence from the Coast Guard, the FWC and the Sheriff's Department and how the usual problems that take place, most likely stem from intoxication.

Mr. Charles Duplantis, 3810 Indian Trail spoke of how it was mentioned earlier about more than one boat being moored in a boat slip. He stated that when he opened his business he had to pay both the city and the state for his business but was never told that he had to have four piling put in per boat. Emphasizing that he feels that they need to figure out how many slips are actually in the harbor and how many are allowed to be in there.

Ms. Eva addressed Mr. Perry's comment regarding the part of the report that he was referring to parking lot facilities. She stated that she wants to be clear that in 10.0 they were articulating that while the parking lot data, or the figures show that it's been maintained at an average of 80% capacity. It doesn't take into consideration the excellent work that all of these restaurants and businesses are doing to deter non patron parking. That also leaves kind of the question as to whether there are some folks that are being deterred and were not being accounted for and that may be affecting the percent capacity observed. That there may be more folks, more vehicles that are frequenting but because a lot of these parking lots are rightfully regulated by the staff of these businesses, they are not accounting for them. She clarified that it wasn't a point against the practice, it was just one of the nuances of the count.

According to Mr. Perry, it sounds like to him that they are saying that a lot of people are not coming to the harbor because they cannot find a place to park. He feels that more emphasis needs to be placed on parking garages, and that is something that he has been advocating for 20-years and suggests strongly to give it some consideration.

The Mayor spoke of how he has been in conversations with Alex Fog, the Resource Manager with the County and feels that if the city wants is willing for the harbor to be designated as a safety harbor or a mooring harbor, that would give the city a little more teeth and allow it to have staff to be on a boat and have their own rules and regulations outside of what the state has. He advised that if they wanted to make that recommendation, both the Harbor Board and the Public Safety Committee could also make that recommendation, it would be a big help. He spoke of how he agrees that the city should be able to handle the waterways of the harbor and the only way to do that is to designate the harbor, as one of the many options out there, it goes to the FWC, the DEP, and although it would take several years, with an end date in mind and a solution, he feel that it could happen.

Committee member Stephens asked the Mayor was each to does?

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According to Mayor Wagner, he does not know too much of the Safety Harbor but, a mooring system in the harbor would allow the city to enforce mooring and if people wanted to be in the harbor, they would have to be chained up to a mooring ball and if they're on the mooring ball, that would come with regulations, timelines and potentially even fees. Allowing specific people to be in there versus how it is right now, and if they're not in the navigable water, they're able to stay there for two weeks with the caveat of if they leave and come back, their timeline resets. This allows the city to have a more parameters of where they can be set up, how long they are there and a more control. It would enable a Harbormaster more control and oversight. .

Committee member Stephens asked if the city would have to start offering a live-aboard in the harbor?

According to the Mayor, he could not speak on that, being a non-expert. However, he is going to invite Mr. Fog to come in and give provide a briefing at the city level and obviously, go through the proper channels at all the different committees as well, in regards to the necessary recommendations.

The Chairman suggested having Mr. Fog come to their next meeting to hear what he suggests. The Mayor agreed with him.

Mr. Kent Houston, 732 Harbor Blvd., spoke of how there are tables of information readily available in relation to speed and distance on the water, tables with reaction times for which could be incorporated and be weighed. Perhaps with the possibility of alcohol being involved as well. He mentioned that what's important is that in any finite space, regardless of the organisms, when there is overcrowding, the behavior becomes apparent. In this case, the effective over capacity would also be apparent. Noting that first, there would be an increase in close calls, and then there would be an increase in more serious accidents and absent those, while a specific capacity cannot be determined and without additional analysis, the results suggests that there is not an overcapacity presently in the harbor.

ADJOURNMENT

Having no further business at this time, the meeting was adjourned at 7:45 PM.

Jim Green, Chairman

CITY OF DESTIN – COMMUNITY DEVELOPMENT



AGENDA ITEM

MEETING DATE: May 2, 2023
BOARD/COMMITTEE: Harbor Capacity Steering Committee
TYPE OF AGENDA ITEM: Action Item
OUTLINE NUMBER: 5.A.

TO: Harbor Capacity Steering Committee

THRU: Lance Johnson, City Manager
Louis Zunguze, Community Development Director
Kyle Bauman, City Attorney
Kimberly Kopp, Land Use Attorney

FROM: Steve O'Connor, Principal Planner

DATE: April 2, 2023

SUBJECT: Harbor Capacity Study - Update

I. BACKGROUND: At the conclusion of the April 10, 2023 update meeting, the Committee requested a follow up briefing by the Army Corps of Engineers.

II. DISCUSSION: During the follow up briefing, the Army Corps will address and comment on the issue raised during the April 10, 2023 meeting.

The task of the Committee at this meeting will be to review the Study recommendations and formulate a list of recommendations to forward to the City Council for consideration.

To recap, the Army Corps of Engineers recommendations are divided into the Study Objectives as follows:

Objective 1: Promote Safety and Enjoyment of Local Waterways

1. **A1.** Install better defined channel markers equipped with “NO MOORAGE” signs.
2. **A10, A3.** Regulate livery vessel traffic operations to ensure each livery vessel is properly registered. Concurrently identify pre-existing, appropriate City Action Plans to leverage and promote the shuttling of visitors to primary destinations around the Harbor via water taxes and/or tour boats as an alternative to livery vessels.
3. **A9, A10.** Revisit regulations on issuing vessel permits to minimize over issuance, in combination with regulating livery vessel traffic operations to ensure each livery vessel is

properly registered.

4. A1, A6, A7. Install better defined channel markers equipped with “NO MOORAGE” signs, in combination with the creation of a Destin safety video to cover boating, traffic safety, and boating under the influence, in combination with an increase in law enforcement presence to avoid BUIs on vessels and jet skis.

5. A6, B8. Create a Destin safety video and implementation strategy to cover boating, traffic safety, and boating under the influence, in combination with the Coast Guard Auxiliary/Nonprofits conducting vessel inspection trainings.

Objective 2: Promote Environmental Health of Harbor and Surrounding Waterways

6. B9. Incorporate a more robust water quality monitoring system in the Harbor.

7. B10. Conduct a hydrographic study to optimize pump usage.

8. B11. Study the current effectiveness of the pump system to gather baseline data that could then inform decisions regarding changes to the pump system and its operations.

9. B7. Conduct a comprehensive water quality study (CWQS), including a hydrographic flow study on the pump, to provide baseline data and optimize pump usage.

Objective 3: Promote Economic Development of Businesses Operating Along the Harbor

10. Optimize slip configurations in the Harbor based on user demand and improving slip usage efficiency.

11. C7. Implement Comprehensive Parking Strategies to reassess existing parking lot usage to optimize current available parking.

12. Multi-objective: Navigational Improvements Investigation Under Continuing Authorities Program

NOTE: John Stephens (Harbor Capacity Steering Committee Member) has submitted his recommendations. Please see attachment.

A. Link to Strategic Goals / Objectives:

B. Effect on Budget (EOB):

C. Level of Service (LOS):

D. Legislative Sponsor:

III. CONCLUSION: Staff recommends the Committee adopt the Study’s findings and recommendations and include any additional observations and recommendations for the City Council’s consideration.

IV. RECOMMENDED MOTION: I move that the Committee adopt the Study’s findings and recommendations and forward to City Council for consideration.

ALTERNATE MOTION: I move that the Committee adopt the Study's findings and recommendations including the following Committee's observations and recommendations and forward to City Council for consideration.

Attachments:

1. John Stephens- Recommendations
2. 04- Destin PAS Final Report May 2023
3. 05- Appendix 1
Economics_Actual_Final
4. 06- Appendix 2 Field Photos_FINAL
5. 07- Appendix 3 Data Collection
Templates_FINAL
6. 08- Appendix 4 Perception Survey
Results_FINAL

Objective 1: Promote Safety and Enjoyment of Local Waterways

1. Install better defined channel markers equipped with "NO MOORAGE" signs.

- a. Do we want to add more "No Mooring" spots along Harbor Side of Noriega Point?

2. Leverage pre-existing City Action Plans to identify and promote the shuttling of visitors to primary destinations around the Harbor via water taxis and/or tour boats as an alternative to livery vessels. Concurrently regulate livery vessel traffic operations to ensure each livery vessel is properly registered.

- a. allow current livery operators to operate as is. Very difficult to
- b. Currently, if liveries are not registered, they shouldn't be allowed to operate

3. Revisit regulations on issuing vessel permits to minimize over issuance, in combination with regulating livery vessel traffic operations to ensure livery vessels are properly registered.

- a. Moratorium in place in Destin. Do we suggest county to follow suit, since a lot of vessels traverse into our harbor? Otherwise, I don't see a city of Destin only moratorium as a solution.
- b. State (FWC) – SB606 Definition of Livery – Need to add more to City of Destin Vessel Ordinance
 - i. "Livery" means a person who advertises and offers a livery vessel for use by another in exchange for any type of consideration when such person does not also provide the lessee or renter with a captain, a crew, or any type of staff or personnel to operate, oversee, maintain, or manage the vessel. The owner of a vessel who does not advertise his or her vessel for use by another for consideration and who loans or offers his or her vessel for use to another known to him or her for consideration or without consideration is not a livery. A public or private school or postsecondary institution located within this state is not a livery. A vessel rented or leased by a livery is a livery vessel as defined in s. 327.02.c.
 - ii.
 - i. Boating Club is now considered a livery per FWC
 - Since the current boating clubs were not required back in the day to be a livery, we recommend that the current Boating Clubs in Destin be grandfathered in (so it doesn't violate moratorium) and are now required to do same paperwork, fees as current liveries.
 - ii. This will prevent Boating Clubs ability to add more livery vessels & add more Boating Clubs (which means less livery vessels based in Harbor)
 - iii. Need to have a City of Destin Livery Permit
 - iv. Have them go through the application process
 - iii. Kayak & Paddleboards are now considered a Livery per FWC
 - i. These should be grandfathered in, as they weren't originally part of the city ordinance.
 - ii. Need to have a City of Destin Livery Permit

1. Fees should be a lot less than pontoon boats & Waverunners (if there is a fee at all)
- iv. Bareboat charter has always been considered a livery
 - i. Bareboat charters are required to rent out their vessel & the customer is then required to acquire & pay their captain separately (Lots of grey area)
 1. Have Code compliance reach out to them. If they state they are not a livery (bareboat charter) and have more than 6 passengers allowed, then Code Compliance needs to follow up with Coast Guard to make sure they are a legal Uninspected Passenger Vessel.
 - ii. Need to have a City of Destin Livery Permit
- v. Peer-to-peer boat rental has always been considered a livery
 - i. People renting out personal vessels are not getting proper training, launching at public parks, public boat launches, & private property.
 - ii. They are operating a business, so BTR, sales tax certificates should be acquired. They should be following the same regulations that current liveries follow
 - iii. Need to have a City of Destin Livery Permit
- c. Adopt some Okaloosa County regulations (created after City of Livery Destin ordinance & County regulations currently does NOT apply to city of Destin Liveries)
 - i. https://library.municode.com/fl/okaloosa_county/ordinances/code_of_ordinances?nodeId=1153574
 - ii. Require livery have a physical location/dock.
 - iii. If livery rents out 1 or more vessels, then a chase vessel is required
 - iv. Employee Training Requirements
 - i. We currently require State of Florida Boating Safety Education Course & FWC's online Livery Course
 - ii. Recommend staff is familiar with Okaloosa Boating & Waterway Safety Videos
 - iii. Require American Heart Association First Aid Response Course
 - iv. PWC or Pontoon equipment training – In house training on the safety/operation on the specific apparatus rented by the vendor
 - v. Contingency Training – In house training for the employee on the specific contingency plans required for this business
 1. Fuel Contingency/Oil Abatement Plan
 - a. City of Destin is working on a detailed plan per Harbor & Waterways Board
 2. Fire Plan
 3. Rental Vessel Accident Plan
 4. Medical Emergency Plan
 5. Inclement Weather Plan
- vi. Require Destin Liveries to attend Okaloosa County Pre-Season Watersports Meeting held by Okaloosa County/Okaloosa County Watersports Operators Association.
- vii. Rental Customer Operating Requirements
 - i. In addition to all State mandated training, all operators of a Livery vessel shall undergo the following training:

1. Watch Okaloosa Boating & Waterway Safety Video or a Livery specific safety video
 2. Watch PWC or Pontoon equipment video
 3. In person training on safety/operation on the equipment that is rented
- vii. Recommend that we suggest that vendors use wristbands to be in conjunction with County ordinance
- i. Green wristband for anyone over the age of 18 and was born before January 1, 1988 and by Florida law is not required to obtain a Florida Temporary Boater's Certification or obtain the Nation Association of State Boating Law Administrators (NASBLA) approved boater's license
 - ii. Pink wristband for an Operator who is over the age of 18, but born after January 1, 1988 who has a NASBLA approved boaters license or passes a Florida Temporary Boaters Certification.
 - iii. Yellow wristband for 16 or 17 year olds that can only drive with someone who was born before January 1, 1988 or who obtains a NASBLA approved boater's license or passes a Florida Boaters Certification
- d. FWC started new regulations on January 1, 2023. These are not factored into safety concerns from previous year. None of this will be final until FWC implements rules on enforcement.
- i. Senate Bill 606
 - i. Renter attestation checklist
 - ii. Insurance to cover renter, also
 - ii. Senate Bill 728 - <https://www.flsenate.gov/Session/Bill/2022/606>
 - i. Boater's safety Courses – SB 728 – could require more livery businesses to require boater's safety certificates for their customers. Passed on 3/27/23. Now pending reference review at State level
 - ii. If insurance policy doesn't cover renter, then Livery must require customer to have a Florida Boating license (January 1, 1988 doesn't apply)
- a. House Bill 261/Senate Bill 418
- a. If insurance policy doesn't cover renter, then Livery must offer renter with opportunity to purchase coverage which insures renter.
 - i. Customer has ability to purchase or decline coverage

4. Install better defined channel markers equipped with "NO MOORAGE" signs, in combination with the creation of a Destin safety video to cover boating, traffic safety, and boating under the influence, in combination with an increase in law enforcement presence to avoid BUIs on vessels and jet skis.

- a. OCWOC already created a navigational safety video for Destin. Last year, was Waverunner safety Video. This year, is Pontoon Safety Video.
- b. FWC offered us a generic checklist. I wrote out a detailed checklist for Pontoon rental, Waverunner Rental, & Paddlecraft Rentals

5. Create a Destin safety video and implementation strategy to cover boating, traffic safety, and boating under the influence, in combination with the Coast Guard Auxiliary/Nonprofits conducting vessel inspection trainings.

- a. OCWOC already created this safety video for Destin.
- b. CG Auxiliary was at our meeting to offer inspections. Unsure of how many take up this offer. More need to take advantage of this
- c. Recommended to Harbor & Waterways board to have a Fuel Contingency Plan for all fuel facilities and certain businesses in the harbor

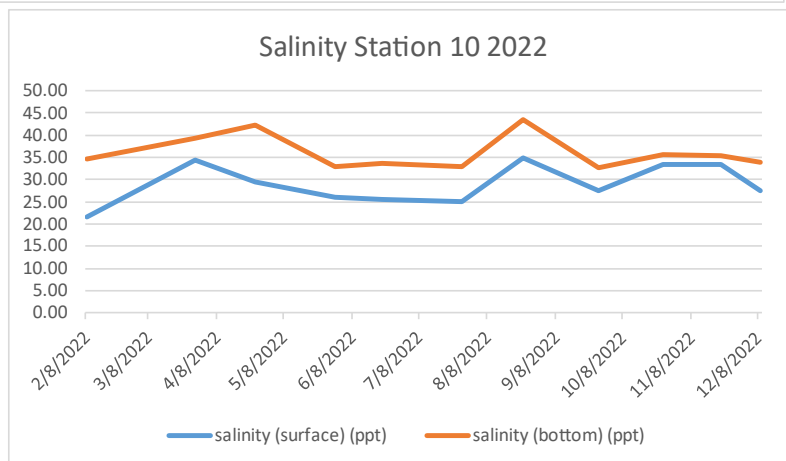
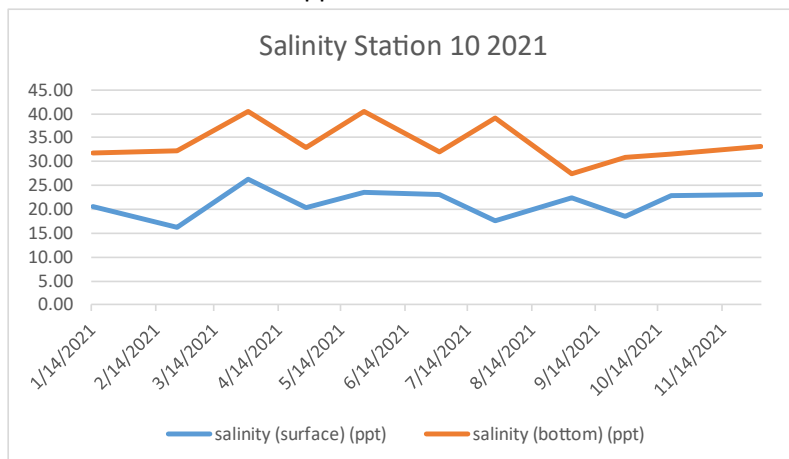
Objective 2: Promote Environmental Health of Harbor and Surrounding Waterways
6. Incorporate a more robust water quality monitoring system in the Harbor.

- a. Choctawhatchee Basin Alliance does this testing once a month. I actually do the testing in the Harbor. (See results)

A. Water quality:

1. Sality (ppt)

- a. PPT is Parts per thousand. Measured of how much salt is dissolved in water
- b. Sea water ranges from 33ppt to 38 ppt
- c. Freshwater less than 0.5 ppt

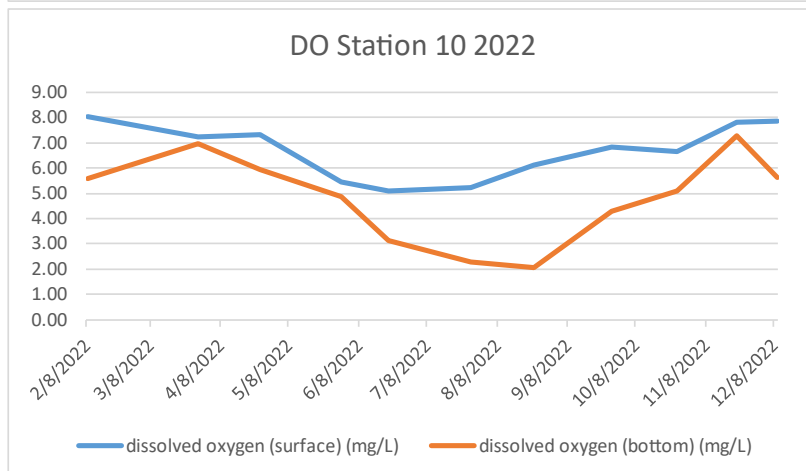
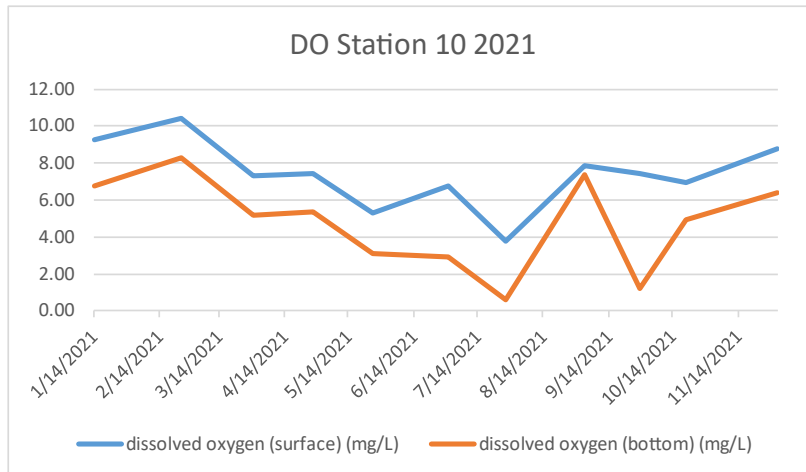


d.

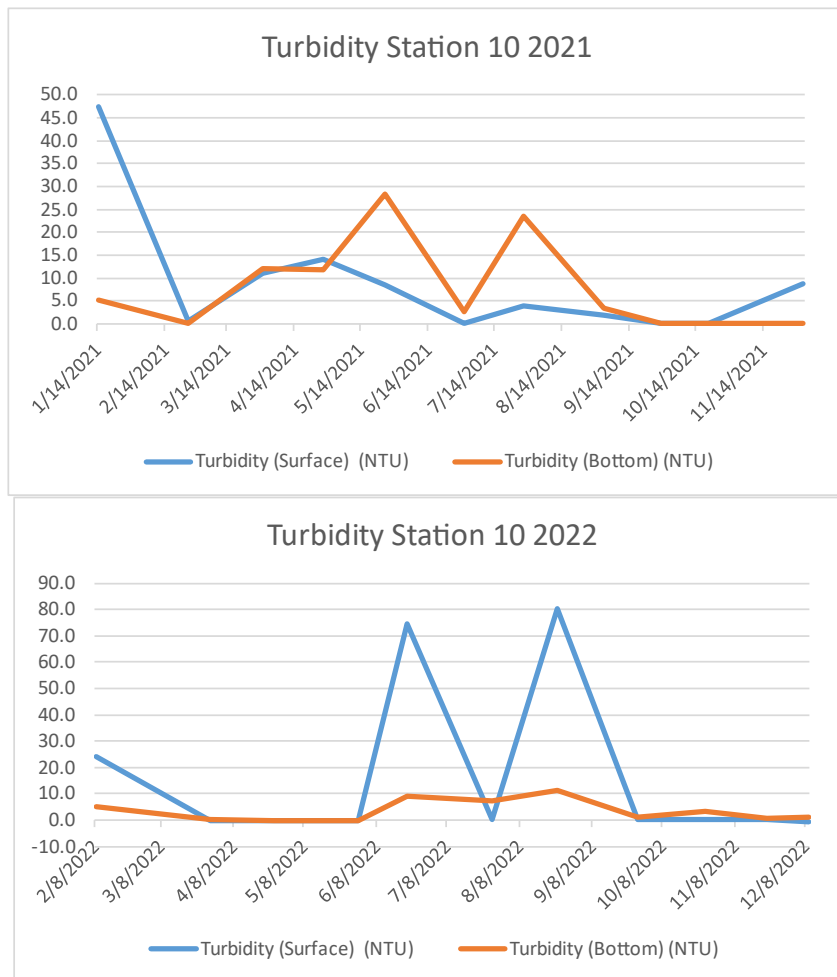
2. Dissolved Oxygen (mg/L)

- a. Oxygen is considered as poorly soluble in water. Its solubility is related to pressure & temperature.

- i. Concentration of dissolved oxygen in ocean water is typically between 7 & 8mg/L
 - 1. What affects it: Physical factors, such as:
 - a. Temperature – as Temp goes up, less oxygen can be dissolved in water
 - b. Salinity – as salinity goes up, dissolved oxygen decreases
 - 2. Sources:
 - a. Re-aeration – oxygen from air is dissolved in water at surface
 - b. Photosynthesis
 - 3. Biggest causes of low DO: Algal blooms, human waster
- ii. If concentrations fall below 4 mg/L, organisms will be to react, with mobile forms either avoiding or migrating out of the area



- b.
- 3. Turbidity (in nephelometric turbidity units or NTUs) –
 - a. Measure of water clarity. It describes amount of light scattered or blocked by particles floating in the water. These particles cause the water to look cloudy or murky.
 - b. Less than 10 NTU – low
 - c. Value of 50 NTU is moderately turbid
 - i. 2 spikes in harbor past 2 years
 - d. More than 100 NTU very high turbidity



7. Conduct a hydrographic study to optimize pump usage.

8. Study the current effectiveness of the pump system to gather baseline data that could then be used to inform decisions regarding changes to the pump system and its operations.

9. Conduct a comprehensive water quality study (CWQS), including a hydrographic flow study on the pump, to provide baseline data and optimize pump usage.

Objective 3: Promote Economic Development of Businesses Operating Along the Harbor

10. Optimize slip configurations in the Harbor based on user demand and City needs to improve slip usage efficiency.

- a. would recommend this be for new businesses & new permitted dock construction?
- b. recommend that Transient slips be a part of any new permitted dock construction.

11. Implement Comprehensive Parking Strategies to reassess current parking lot usage to optimize current available parking.

a. Recommend shared parking for properties to be analyzed.

i. Intent of shared parking is for one business to use another business' parking, when that business is not open. I believe a lot of shared parking is overlapping & using the same parking spots while multiple businesses are open at the same time on the same property.

ii. If a new business opens (or if business hours change), then the previous parking plan on the property needs to be analyzed.

b. Parking garages that were promised to property owners for giving up their easements to build the Destin Boardwalk needs to be built

12. Multi-Objective Recommendation: Navigational Improvements Investigation Under Continuing Authorities Program

a. What about seeing if we can get BP Triumph Funds to help pay for CAP Section 107 & any future endeavors

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1.0 Executive Summary

Balancing between economic development, public safety and maintaining environmental health is crucial to water resource management. In response to public concerns regarding safety issues related to Destin vessel congestion, the City of Destin enacted a moratorium on livery vessel permitting and commissioned a carrying capacity study. This carrying capacity study has two purposes:

1. Determine the existing carrying capacity of Destin Harbor
2. Formulate management recommendations to support strategic objectives for Destin Harbor and surrounding waterways.

Vessel traffic patterns were assessed at the Destin Harbor entrance over the 2022 summer season. Observations of usage at key Harbor facilities and surrounding area were also conducted. Key facilities include slippage occupancy along a sample portion of the Harborwalk, vehicle parking, boat trailer parking, and boat launches.

The approach consists of three components: spatial carrying capacity, social carrying capacity, and facility carrying capacity. Table 1 below summarizes the carrying capacities for Destin Harbor and surrounding waterways.

Table 1: Destin Harbor Carrying Capacity

Spatial Carrying Capacity	Carrying Capacity
Zone A: Inside Destin Harbor	Capacity Exceeded
Zone B: Crab Island	Capacity Exceeded
Zone C: East Pass	Capacity Exceeded
Social Carrying Capacity	Full Capacity
Facility Carrying Capacity	Full Capacity
Harbor Slips: Harbor District	Ave. 90% Capacity
Parking Lots: Harbor District	Ave. 80% Capacity
Boat/Kayak Launch: Joes Bayou, Capt. Leonard	Ave. 80% Capacity weekend use

For the spatial carrying capacity, three zones were identified as representative of Destin Harbor and its surrounding waters. Vessel densities were calculated for each zone to determine the number of usable acres of usable surface waters per vessel. The observed boating densities were then compared to optimal boating densities published in previous studies and the Water and Land Recreation Opportunities Spectrum (WALROS) method. Based on the published literature, the reasonable range of water surface acreage per vessel for an urban setting like Destin is 1-10 acres per vessel. The existing peak densities are below 1 acre of usable water surface per vessel for each zone.

- Zone A: Inside Destin Harbor: 0.54 acres of usable water surface/vessel
- Zone B: Crab Island: 0.41 acres of usable water surface/vessel
- Zone C: East Pass: 0.98 acres of usable water surface/vessel

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The mix of services and recreation opportunities at Destin Harbor and its surrounding waterways mean that user demands on the facilities are also mixed and nuanced. The social and facility carrying capacities were analyzed both quantitatively and qualitatively.

The USACE planning process was used to formulate the recommendations. The six planning steps are summarized as follows:

1. Identify Problems and Opportunities
2. Inventory and Forecasting Conditions
3. Identify and Screen Measures
4. Formulate Initial Array of Strategies
5. Refine Initial Array and Evaluate Focused Array of Strategies
6. Strategy Comparison and Selection

In partnership with the City of Destin, three strategic objectives were identified under which recommendations were formulated.

1.1 Recommendations

Objective 1: Promote Safety and Enjoyment of Local Waterways

1. A1. Install better defined channel markers equipped with “NO MOORAGE” signs.
2. A10, A3. Regulate livery vessel traffic operations to ensure each livery vessel is properly registered. Concurrently identify pre-existing, appropriate City Action Plans to leverage and promote the shuttling of visitors to primary destinations around the Harbor via water taxis and/or tour vessels as an alternative to livery vessels.
3. A9, A10. Revisit regulations on issuing vessel permits to minimize over issuance, in combination with regulating livery vessel traffic operations to ensure each livery vessel is properly registered.
4. A1, A6, A7. Install better defined channel markers equipped with “NO MOORAGE” signs, in combination with the creation of a Destin safety video to cover boating, traffic safety, and boating under the influence, in combination with an increase in law enforcement presence to avoid BUIs on vessels and jet skis.
5. A6, B8. Create a Destin safety video and implementation strategy to cover boating, traffic safety, and boating under the influence, in combination with the Coast Guard Auxiliary/Nonprofits conducting vessel inspection trainings.

Objective 2: Promote Environmental Health of Harbor and Surrounding Waterways

6. B9. Incorporate a more robust water quality monitoring system in the Harbor.
7. B10. Conduct a hydrographic study to optimize pump usage.

8. B11. Study the current effectiveness of the pump system to gather baseline data that could then inform decisions regarding changes to the pump system and its operations.

9. B7. Conduct a comprehensive water quality study (CWQS), including a hydrographic flow study on the pump, to provide baseline data and optimize pump usage.

Objective 3: Promote Economic Development of Businesses Operating Along the Harbor

10. C5. Optimize slip configurations in the Harbor based on user demand and improving slip usage efficiency.

11. C7. Implement Comprehensive Parking Strategies to reassess existing parking lot usage to optimize current available parking.

12. Multi -Objective Recommendation: Navigational Improvements Investigations under Continuing Authorities Program

This recommendation cuts across all three strategic objectives of public safety, environmental health and economic development of the study area. Throughout this technical assistance study, measures of navigational improvements were raised during public meetings and the planning process. It was communicated that further investigation is required for alterations to the existing navigation channel. Under the Continuing Authorities Program (CAP) USACE is authorized to plan, design, and construct small scale projects under existing project authority from Congress. Local governments and agencies seeking assistance may request USACE to investigate potential water resources issues that may fit a particular authority. A CAP project is conducted in two phases: a feasibility phase and a design and implementation phase. These two phases are cost-shared between the federal government and the City of Destin. The maximum federal limit is \$10 million per project.

The Section 107 Small Navigation Improvements of the Rivers and Harbors Act of 1960, as amended, is the authority that allows USACE to plan, design and construct small projects for commercial navigation purposes such as channels, breakwaters, and jetties to ensure safe and efficient use of the nation's navigable waterways. Pursuing the CAP Section 107 is recommended to the City of Destin.

1.2 Data Gaps and Limitations

While considerable effort was taken to gather sufficient data to better understand the existing conditions of Destin Harbor, data gaps remain as a constraint in the analyses presented in this report. It is beyond the scope of this study to produce in-depth analyses that evaluate the full spectrum of benefits and costs associated with each recommendation. However, this provides an opportunity for documenting specific data needs that may be necessary for further navigational study investigation. Table 2 shows the data gathered as part of this study.

Table 2: Data Gaps and Limitations

Data Category	Description
Vessel Fleet	Data on the number and characteristics of the existing Destin Harbor fleet such as draft, length overall (LOA) was unavailable.
Harbor Slippage layout	Data information was received after USACE collection analysis began, and data on the number and characteristics of existing slips received was either inconsistent or unavailable.
Pre-existing water quality data	Water quality data provided by the City of Destin was limited and inconsistent; and USACE efforts to further analyze existing water quality data would have been outside the scope of a PAS. The Choctawhatchee Alliance provided USACE a time series of approximately 20 years' worth of water quality data. An examination of the sample frequency and locations showed that sampling was limited to two discrete locations and occurred approximately once a month. These limitations result in water quality data that are not representative of the Harbor waters.

2.0 Introduction

This carrying capacity study was conducted under the Planning Assistant to States (PAS) program as authorized under Section 22 of the Water Resources Development Act (WRDA), 1974 as amended. Section 22 authorizes USACE to partner with local and State entities to provide technical assistance supporting efforts related to the management of state water resources. The City of Destin is the sponsor for this PAS study. The Technical Assistance Project Partnership Agreement (PPA) was signed between the City of Destin and USACE Mobile District on November 17, 2021. The purpose of this technical assistance is to identify the carrying capacity of Destin Harbor and develop recommendations informing the local government relating to the continued use of Destin Harbor.

2.1 Study Scope

The USACE planning process is a structured approach to problem solving and provides the framework for decision making. Thus, this carrying capacity study follows the USACE six planning steps as defined in the Planning Guidance Notebook (ER 1105-2-100). Additionally, the USACE Planning Bulletin on Watershed Studies (PB 2019-01) provides some guidance to this study. Given that technical assistance is to support State preparation of comprehensive water and related resources development plans; the six step watershed planning steps in PB 2019-01 were followed for the Capacity study. The scope of this capacity study develops and evaluates recommendations that are comprehensive and strategic to support the City of Destin's water resources plans. Figure 1 is a flow chart presenting the USACE six planning steps for feasibility studies on the left and the watershed studies six planning steps on the right which are adopted

in this study. More information regarding the USACE planning process is contained in the Planning Guidance Notebook.

Three strategic objectives from the City of Destin’s management plans are considered in this capacity study:

1. Promote Safety and Enjoyment of Local Waterways
2. Promote Environmental Health of Harbor and Surrounding Waterways
3. Promote Economic Development of Businesses Operating Along the Harbor

The management measures and subsequent recommendations formulated presented in this report are organized under the above local objectives. The City of Destin also noted that identifying the carrying capacity of the Harbor and supporting the above local objectives also supports a goal in its comprehensive strategic plan, 2020: Enhance the quality of life.

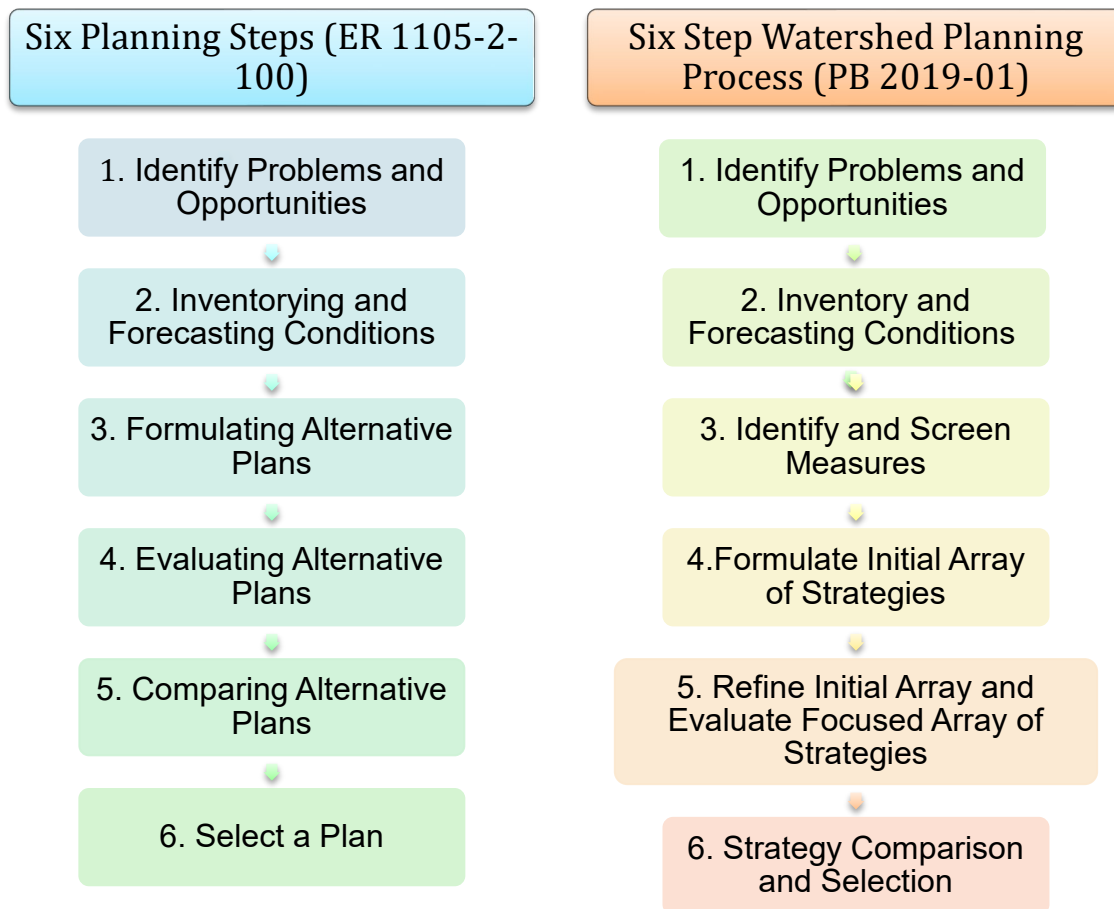


Figure 1: USACE Planning Process

2.2 Location

Destin is in the Florida Panhandle, in the Okaloosa County as shown in Figure 2. Destin Harbor is located adjacent to East Pass near the entrance to Choctawhatchee Bay.

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Figure 3 shows Destin Harbor and Choctawhatchee Bay. Destin is named for Captain Leonard Destin, a fisherman that settled in the area around 1851. Destin grew over time from a fishing village to a major tourist destination with a population of approximately 13,956 (U.S. Census Bureau, 2022). Destin is known as the “World’s Luckiest Fishing Village” and was incorporated as the City of Destin in 1984 (City of Destin, 2022). Destin is in Florida Congressional District 1, represented by congressional representative Matt Gaetz.

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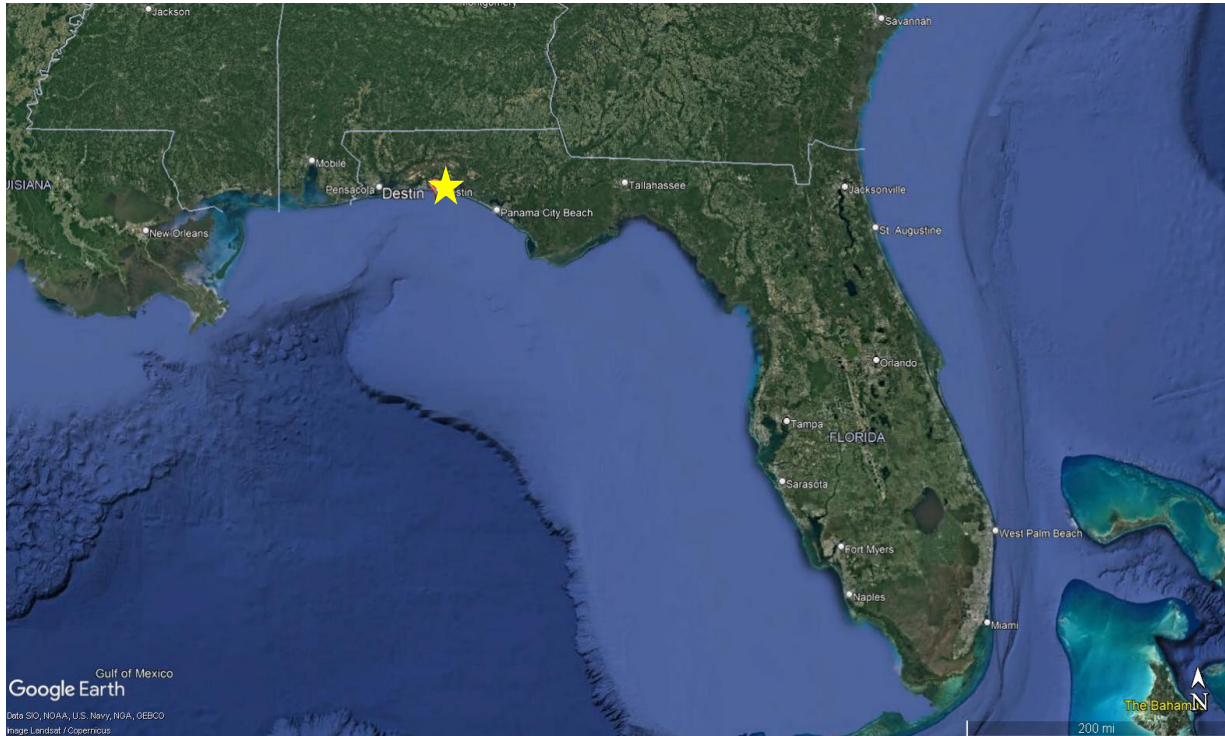


Figure 2: Location of Destin, FL



Figure 3: Destin Harbor Location

2.3 Historical Reports

There are limited historical reports on Destin Harbor. During the preparation of this effort, the study team reviewed the Destin Harbor Area Master Plan published in 1998.

3.0 Problems, Opportunities, Objectives and Constraints

The first planning step is identifying problems, opportunities, objectives, and constraints (POOC's).

3.1 Problem Statement

Through iterations of scoping, the following problem statements were identified and developed in coordination with the City of Destin:

1. The high volume of vessel traffic leads to high number of incidences of vessel collisions and costs associated with potential damages.
2. Inefficient channel layout and inadequate navigational aids reduce vessel operators' ability to properly navigate the channel.
3. The narrow Harbor entrance becomes a bottleneck, and coupled with the high current, can become extremely dangerous for both inexperienced and experienced vessel operators.
4. Existing slip configurations at fueling stations experience congestion and lead to traffic delays.

3.2 Opportunities

Opportunities are defined as a favorable juncture of circumstances because of the study, a chance for advancement or progress towards a positive impact. For the capacity study the following opportunities were identified:

1. Update vessel traffic data of the Harbor.
2. Update imagery of the Harbor and surrounding facilities that the City of Destin may use to inform future local water resources planning.
3. Identification of existing data gaps. There is an opportunity to compile an inventory of data needs associated with local government objectives over the course of the Capacity study.

3.3 Objectives

Study objectives specific to the carrying capacity study have been identified as follows:

1. Identify the carrying capacity of the Destin Harbor.
2. Identify uses of Destin Harbor.
3. Identify existing and future conditions of Destin Harbor at a level appropriate for a PAS study.
4. Develop recommendations that address study problems and inform the City's decisions on policymaking.

3.4 Constraints

Planning constraints are significant barriers or restrictions that limit the extent of the planning process and are unique to each planning study. Based on the study scope the following constraints have been identified for the capacity study:

1. No changes may be made to the existing Federal project at Norriego Point.
2. No major impacts may be made to threatened and endangered species, general environmental resources, or cultural resources as a result of recommendations.
3. The level of detail of analyses is limited and constrained by the scope of PAS compared to a general investigations study.

3.5 Strategic Objectives and Recommendations Framework

The preceding section identified the POOCs in accordance with the USACE planning process. The planning objectives laid out in the preceding POOCs subsection refer to the objectives met by the technical assistance. Three local strategic objectives related to Harbor management by the City of Destin are also incorporated into the planning steps consistent with PAS guidance for technical assistances. These objectives are recognized as shared vision for Destin Harbor, its surrounding waters, and facilities. The following objectives are local goals striven towards through programmatic approaches, over a designated time period of water resource and related land management plans.

1. Promote Safety and Enjoyment of Local Waterways
2. Promote Environmental Health of Harbor and Surrounding Waterways
3. Promote Economic Development of Businesses Operating Along the Harbor

The problems identified in Section 3.0 impede the safety, enjoyment, and the environmental health of waterways, as well as the economic development of businesses. The strategic objectives are integral to the identification of management measures through recommendation formulation (planning steps 3-6). In other words, the recommendations formulated in this study aim to support the strategic objectives. Figure 4 summarizes the integration of local strategic objectives into the planning process and recommendation development.

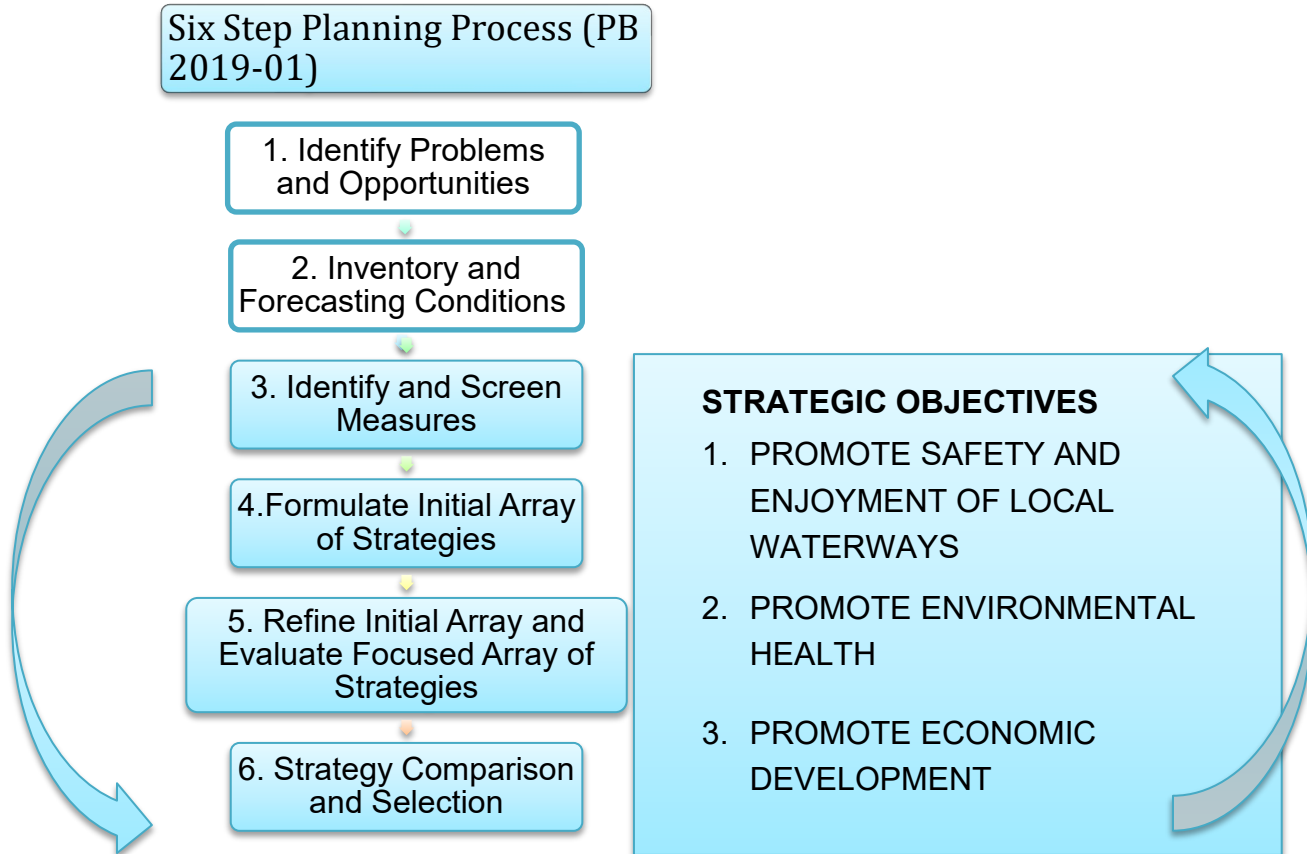


Figure 4: Strategic Objectives within Planning Steps

4.0 Socioeconomic Conditions

4.1 Socioeconomics

Tourism is a critical component for the City of Destin. The Destin area is considered one of the world's premier beach vacation destinations. Destin Harbor is the hub for almost all the commercial and recreational fishing businesses operating in the area. Choctawhatchee Bay waters may be used for boating but are generally calm and suited for paddle boarding, kayaking, and canoeing.

4.2 Demographics

The City of Destin has a total land area of 7.53 square miles and Destin Harbor encompasses approximately 240 acres, with an average depth of 15-20 feet (Judnich, 2021). The 2022 estimated census population of Destin is approximately 13,956 (U.S. Census Bureau, 2022). The per capita income for Destin in the past 12 months (in 2020 dollars), was \$49,999, compared to \$32,848 for the state of Florida. The median household income (in 2020 dollars) for the City of Destin was \$81,468, compared to \$57,703 for the state of Florida. About 9.6% of Destin's population was living below the poverty level in 2020.

The rate of home ownership is 64.8%. The median value of owner-occupied housing units is \$346,000 with the median monthly owner mortgage costs being \$1,917. Median gross rent is \$1,587 per month. The number of households in 2020 were 6,377 with the number of persons per household being an average of 2.25. 79.0% of those people were living in the same home the previous year. The makeup of the city in 2020 was 85.0% white, 5.1% African American and 8.8% of Hispanic or Latino origin. Other minorities residing in Destin of two or more races makeup 4.7%, and 1.8% Asian residents; collectively, about 0.2% of the population was comprised of American Indian/Alaska Native, and Native Hawaiian (U.S. Census, Destin 2020).

5.0 Environmental Setting

5.1 Regional Background

Destin Harbor is in the Florida Panhandle, adjacent to East Pass inlet and Choctawhatchee Bay (Bay). The bay is approximately 27 miles (mi) long, 1 to 6 mi wide, and its depth varies from 10 to 43 feet (Ruth & Handley, 2002). Freshwater input to the Bay comes primarily from the Choctawhatchee River. The bay is connected to the Gulf of Mexico by East Pass and lies within both Walton and Okaloosa Counties.

5.2 East Pass

East Pass is the inlet between Moreno Point, in the City of Destin, and Okaloosa Island. It provides a tidal connection between Choctawhatchee Bay and the Gulf of Mexico. The federal navigation channel was constructed by dredging in 1969 with two jetties. It is periodically dredged to maintain its authorized dimensions. The dredge material has been placed near the jetties, on Norriego Point, and on the nearby Gulf fronting beaches. Norriego Point constitutes a portion of the inlet shoreline of East Pass.

East Pass and storm activity are the primary drivers of erosion of the inlet shoreline and gulf fronting beaches. Norriego Point has been nourished with beach compatible material and several coastal protection structures have been built to stabilize Norriego point (Florida Department of Environmental Protection, 2020).

In 2006, 50,000 cubic yards of East Pass channel maintenance dredge material was placed east of East Pass following the 2005 hurricane season. After Tropical Storm Ida impacted the area material was placed along the Gulf fronting beaches, east of East Pass, in 2010. Approximately 487,000 cy was placed in this area as a part of a beach nourishment project completed in 2013 (Florida Department of Environmental Protection, 2020).

5.3 Crab Island

Crab Island is a submerged sand bar, heavily vegetated with seagrasses, located within Choctawhatchee Bay adjacent to East Pass. It is a notable attraction that draws recreational boaters from Destin Harbor and the surrounding region. Crab Island is located within the Gulf Island National Seashore, and commercial activities at the site are regulated by the National Park Service (National Park Service, 2022).

5.4 Water Quality

Destin Harbor saw a decline in water quality beginning in the 1980's. The City received complaints of "foul odors" and were able to attribute this to runoff into the Harbor (City of Destin Public Works, 2022). Growth of the Harbor and increased watercraft use likely also contributed to a decline in water quality. Combustion and fuel releases associated with vessel motors have been shown to have a negative effect on water quality. Propellers have also been shown to have a negative effect on water quality as they disturb and resuspend sediment and nutrients from the seabed (Asplund, 2000).

The City installed a pump to bring in water from the gulf to the Harbor at its southeastern boundary. This pump was built in the mid 1990's and its internal components were entirely rebuilt in 2021. The pump brings approximately 50 thousand gallons per minute of seawater into the Harbor. It runs for 6 to 7 hours per day, on every outgoing tide, during tourist season (Mar 1 to Oct 31) (City of Destin Public Works, 2022).

The Choctawhatchee Basin Alliance currently collects water quality data at two locations inside Destin Harbor. This includes color, conductivity, and nutrient data (Choctawhatchee Basin Alliance, 2022). Their data is being used within an upcoming National Park Service Environmental Assessment for the Gulf Islands National Seashore (National Park Service, 2022).

5.5 Essential Fish Habitat

The Bay and Harbor also provide essential fish habitat (EFH) protected under the Magnuson-Stevens Fishery Conservation and Management Act. EFH in the Gulf of Mexico includes estuarine and marine habitats such as hard bottoms, seagrasses, coral and coral reefs, marshes, algal flats, mangroves, and substrates such as mud, sand, shell and rock. The Harbor likely contains the various substrate types and seagrasses. The Harbor contains EFH for the following species: Shrimp, Red Drum, Reef Fish, and Coastal Migratory Pelagics (NMFS, 2022).

Submerged Aquatic Vegetation (SAV) is a commercially and recreationally important fish habitat. It includes seagrasses and the microalgae that attach to these grasses (NMFS, 2022). Shoal grass (*Halodule wrightii*) is the primary SAV in the bay. A recent study of SAV at Crab Island shows a slow decline in SAV over the last decade. The southeastern portion of Crab Island shows a particular pattern of SAV bed recession that coincides with increased vessel density in the area (National Park Service, 2022).

5.6 Threatened and Endangered Species

The Choctawhatchee Bay and Destin Harbor is a productive estuarine ecosystem with several federally and state protected species. These may include the Choctawhatchee Beach Mouse, West Indian Manatee, Eastern Black Rail, Piping Plover, Eastern Indigo Snake, Marine Turtles, and Gulf Sturgeon (USFWS, 2022). The Bay also provides habitat for the Bottlenose Dolphin (National Park Service, 2022). Several dolphins were observed in Destin Harbor during the study.

5.7 Cultural Resources

There have been various reports of submerged wrecks in the bay over the last century (National Park Service, 2022). A review of the Florida Master Site File (FMSF) shows multiple surveys have been conducted in the Bay and along the Gulf fronting coastline. Several upland locations, with possible historic properties, forming the perimeter of Destin Harbor have been evaluated. The FMSF shows no cultural resource surveys were conducted in the Harbor itself.

5.8 Human Safety

Vessel incident data obtained from the Florida Fish and Wildlife Commission (FFWC) shows that a “hot spot” of incidents occurs at both the mouth of Destin Harbor and in the areas around Crab Island.

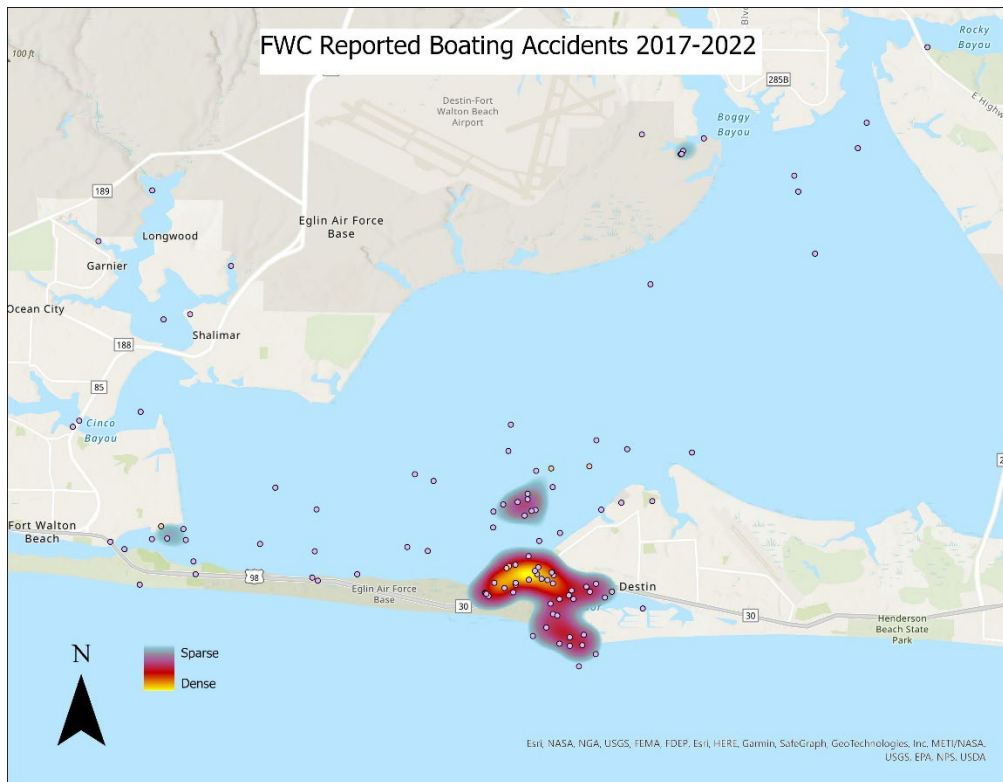


Figure 5: FFWC Reported Boating Accidents 2017-2022

6.0 Harbor Carrying Capacity

6.1 Study Area

This section describes the geographic footprint and characteristics of the study area. Destin Harbor encompasses approximately 240 acres (0.376 square miles). The average depth in the Harbor is 15-20 feet (Judnich, 2021). The length of the Harbor stretches two miles or approximately 8,700 linear feet (LF) from south of eastbound Highway 98 (also known as the East Pass Bridge), towards south-east boundary by the

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residential area of Holiday Isle, as shown in Figure 6. The mouth of the channel is approximately 620 LF wide.



Figure 6: Map of Study Area

For the purposes of the carrying capacity analysis, data was collected at selected facilities, listed in 6.4.3

6.2 Harbor Facility Inventory and Vessel Classifications

To ensure that counters classified vessels using the same criteria the following definitions were used to classify the 8 vessel types. The vessel classifications were determined with inputs from the City of Destin.

1. **Fishing Charters.** Commonly observed fishing charters ranged from small (approximately 20 ft LOA vessels) accommodating four anglers to fishing charters with capacity for up to 65 anglers (approximately 70 ft LOA). This vessel class is defined by a captain and crew that takes guests out to fish in certain locations.
2. **Tour Charters.** Tour charters are assumed to be any vessel with a captain and crew that takes people on various tour activities. There is usually a business contact information on the vessel's port or starboard side.
3. **Livery Pontoons.** Livery vessels are vessels that are leased to others. In the context of Destin Harbor, livery vessels consist of livery pontoons or personal watercrafts that are registered with the city. Livery jet skis are not included in this category.

4. **Personal Pontoons.** To differentiate from livery pontoons, this vessel class is assumed to be personally owned and operated pontoons. Personal pontoons are not registered as livery and are not leased to others. Personal Vessels and Personal Pontoons were separated into two categories as requested by the City of Destin.
5. **Personal Vessels.** This vessel class refers to all motor vessels observed and based on best judgement in the field to be personally operated by owner(s) recreating in Destin Harbor. This vessel class excludes chartered tours, fishing charters, and livery pontoons. Personal Vessels and Personal Pontoons were separated into two categories as requested by the City of Destin. It is important to note that all jet skis were captured in a separate vessel classification,
6. **Sailboats.** Personal sailboats that are home-docked at Holiday Isle and are separate from chartered sailboats which are captured under the Tour Charters category.
7. **Jet Skis.** For the purposes of this study, this vessel class refers to all jet ski traffic including both livery and privately-owned jet skis. Based on field observation conditions (visibility, etc.) and for this level of analysis, it was determined that it was reasonable to all jet skis are captured in the same classification.
8. **Non-Motor Vessels.** This class included kayaks, standup paddleboards, canoes, and vessels with trolling motors only.

6.3 Assumptions

Water and related land resources planning requires making decisions under uncertainty. USACE planning processes merges risk informed decision-making with water resource planning. PAS level studies have shorter execution timeframes and smaller scopes relative to a feasibility study. Therefore, assumptions are necessarily developed to inform analyses under uncertainties. This section describes the assumptions in the capacity study, documents the risks identified, and any corresponding risk-informed decisions made. This approach with regards to risk and uncertainties is appropriate for the level of detail of the capacity study's scope.

It is important to note that the following assumptions and decisions are in the context of data collection design and analyses in the capacity study. Any assumptions associated with recommendations will be explicitly stated.

6.3.1 Sample Characteristics

- I. **Slip Facilities.** For the carrying capacity analysis of the Harbor slippage, it was determined that slip occupancy data would be collected at slip facilities located at the Harbor entrance eastward along the Harbor District up to the Destin Yacht Club, and *not* inclusive of the entire perimeter of the Harbor. This is because the targeted slips are the most utilized public slips within the Harbor. It was assumed that these slips were a sufficient sample and representation of Harbor slip capacity. Additionally, slips in other areas of the Harbor were either private or not easily accessible by land and therefore the data collection team would not have been able to record that usage accurately and consistently.

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- II. Parking Lot Facilities. The sample of parking lots was determined in collaboration with the City of Destin based on the proximity of the parking facilities that service the Harbor and/or if they provide recreational opportunities for patrons. Parking lots include 1) restaurant lots for patrons, located between the Harbor District and Highway 98, 2) public parking lots, under the assumption that people park and recreate at the Harbor and the Harbor District, 3) boat launch parking for locals to park trailers while enjoying the waterways and Harbor , and 4) Holiday Isle where it is assumed that beachgoers park and recreate near Norriego Point. The team initially conducted an inventory count of all parking lots associated with the study to gather data on maximum capacities for each lot.
- III. Vessel Traffic Counts
 - a. There were risks associated with human error during data collection, and the study team accounted for margin of errors during data analysis.
 - i. Shift Times
 - 1. The first data collection trip included two vessel counting shifts from 0800-1230 and 1230-1630. After analyzing the data, it was determined that much of the vessel traffic was being missed based on observed traffic patterns. For example, livery pontoons typically begin exiting the Harbor around 0800, and all types of vessels enter the Harbor after 1630, most likely to recreate at restaurants.
 - 2. After this risk was realized, shift times changed to 0900-1200; 1200-1500; 1500-1800 to account for morning, lunch, and dinner time traffic patterns consistently throughout the day and over the entire data collection period.
- IV. Count Location
 - a. The team began the first data collection trip by setting up at the end of Norriego Point, facing the mouth of the Harbor. It was quickly realized that parking was difficult to obtain throughout the day, hauling gear onto the beach was cumbersome and time consuming, and there was a lack of shade and facilities.
 - b. After identifying the restaurants as a more suitable count location with a better vantage point, the team began to count vessels from outside restaurant seating areas. This proved better in many ways: the team saved time, could more clearly observe jet ski movements (among other vessel movements), and could easily transition from vessel counting to facility (slip) counting.

6.3.2 Methodology Assumptions and Definitions

Data collection consisted of counting vessels entering and exiting the Harbor. A data collection sample representative of peak and non-peak recreation periods was taken between the months of May to September. Vessels were recorded by hourly shift time, entrance or exit movement, and classification. The goal was to account for traffic patterns, so each vessel was counted each time it entered or exited, regardless of if it had done so previously.

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I. Slip Capacity Count

- a. Parking lots and slippage facilities were counted three times a day, during anticipated peak traffic periods in the morning, afternoon, and evening. Unlike parking lot counts, maximum capacity amounts were not initially recorded along the Harbor District at the slippage facility. This is because it was observed that slip configurations changed depending on the orientation of vessel docking. For example, vessels docked parallel to a long pier may create a different number of delineated “slips” than if vessels were docked perpendicular to the pier. This made it difficult to initially track the exact maximum capacity in the field. However, maximum capacity was captured post-data collection using GIS technology and the dimensions of an average vessel (20 ft) to configure slip usage in an efficient and realistic way that was reflective of observations during data collection. See Figure 7 and Figure 8 below for more information.

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Figure 7: West side of GIS Slippage Capacity Count

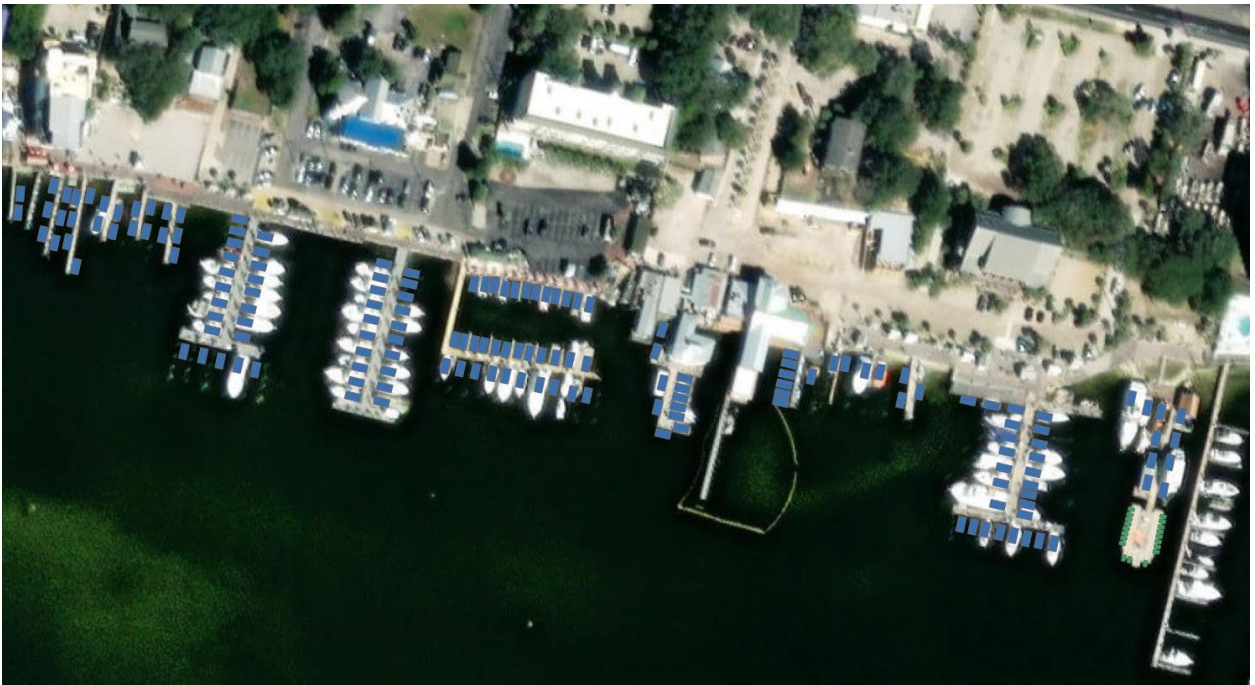


Figure 8: East side of GIS Slippage Capacity Count

- b. It was assumed that the most efficient way to count vessel slips was by counting the occupied slips. This is the opposite method that was used for parking lot counts. This decision was made in tandem with the lack of maximum capacity data in the beginning of data collection. Counting occupied spots proved to be more useful when maximum capacity was later found to provide a baseline of slip usage and capacity. In this context, a regular, occupied slip is defined below.
- c. Define:

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1. A regular, occupied slip is defined as a slip containing one to two vessels, where both vessels could exit the slip with ease (i.e., neither vessel is blocked in). This also includes locations that are not easily defined by pilings, such as long docks with areas to tie up a vessel parallel to the dock.
2. During data collection, the team needed a clear and consistent definition of jet ski slips due to rotating team members and the nature of the study. Therefore, the team defined jet ski slips based on their physical structure and purpose: mobile, floating docks primarily used for jet ski storage.
3. Overcapacity slips are defined as a slip that contains more than two vessels. This is applicable to regular slips that are clearly delineated by pilings. The definition was developed by gauging the size of the average vessel entering and utilizing Harbor slips. It was decided that two vessels could comfortably fit in one slip and still easily exit the slip. Other areas that were consistently overcapacity include long docks with more than two vessels, with the first parallel parked alongside the dock, and the rest parked and tied to it. There were “hotspots” where overcapacity slips were recorded consistently including near Margaritaville.
4. Private slips were discovered east of AJs beyond a gate labeled *Galati's Yacht Sales*. These vessels are gated off from the public. To record counts for private slips, the team estimated based on the maximum capacity and the number of vessels that could be seen from beyond the gate.

V. Parking Capacity Counts

Data collection consisted of counting parking space capacities at select public parking lot locations servicing the Harbor facilities. This included public areas as well as boat trailer parking. A select number of public parking facilities were counted three times a day during anticipated peak traffic of morning, afternoon, and evening.

1. Shift Times. During the first data collection trip, parking spots were counted twice a day at 8:30AM and 2:30PM. These count times coincided with the vessel count shift times, allowing each team to complete a vessel count shift and facilities count shift in the allotted time. However, after observing traffic patterns throughout the day, it was determined that three shift counts would be necessary to accurately record and reflect the use of the Harbor's parking lots. Parking counts shifted from two a day to three a day, at 10AM, 12PM, and 6PM to account for morning, midday, and afternoon traffic, including mealtimes.
2. Parking Count Methodology. After discussing data collection methods with the City of Destin, the data collection team took staggered parking samples at different locations each day, rotating through each of the 14 locations during

each trip. Staggered sampling allowed the team to obtain a solid foundation of data that could be extrapolated to fill in the days that were not explicitly counted.

- a. Vacant handicapped parking spots are counted as vacant as they can be occupied
- b. Parking spots were recorded as occupied if there was reserved parking spot signage, cones, tape, or other indicators.
- c. Joe's Bayou overflow lot is added to Joe's Bayou total capacity
- d. Parking formula = $(m-v+o)/m$ where:
 - i. M=maximum capacity
 - ii. V = vacancy
 - iii. O = overflow

6.4 Capacity Count Overview

The capacity study for Destin Harbor establishes a basis for vessel traffic, Harbor facility occupancy, and parking lot occupancy. This provides numerical data on Harbor usage throughout the summer. Capacity study data for vessel traffic, Harbor facility counts, and parking lot occupancy was collected during the summer of 2022 on the following dates:

- May 27th-May 30th (Memorial Day weekend)
- June 28th- July 4th (Independence Day weekend)
- July 15th – July 21st
- August 2nd – August 7th
- August 19th-August 21st
- September 2nd - September 5th (Labor Day Weekend)

The capacity study provides each weekend's totals and compares data in relevant groups, such as with holiday to holiday or summer week to summer week. Using the data comparisons, the entire summer was interpolated for each data set collected to represent the anticipated counts each day of the entire summer. Figure 9 below presents the dates for capacity data collections during the summer.

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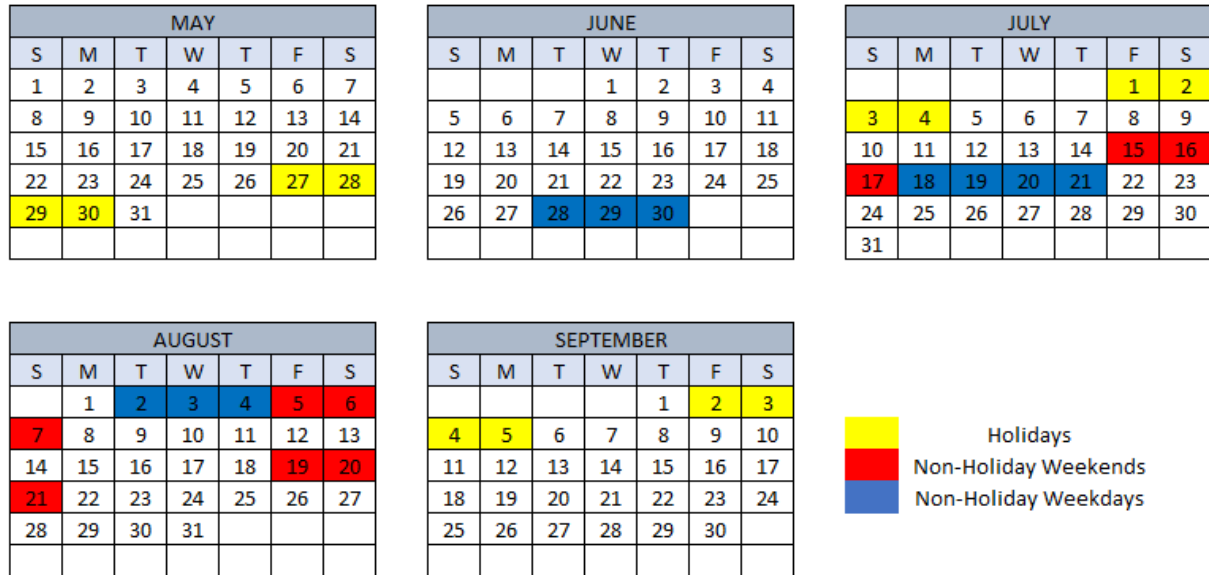


Figure 9: Data Collection Days (Summer 2022)

6.4.1 Vessel Traffic Count

Counting of vessels exiting and entering Destin Harbor occurred daily and consecutively from 9AM to 6PM (except for Memorial Day weekend, which was from 8:30AM to 4:30PM). Groups of 2 counters began at 9AM and rotated every 3 hours. Vessel counts were split in half with one person responsible for 4 sets of vessel classifications and the other person responsible for the other set of 4 vessel classifications to ensure all vessels entering and exiting the Harbor were accounted for. The vessel count data has been separated into 3 distinct categories for comparison purposes: Holiday weekends, weekends, and weekdays. The total number of days observed for vessel traffic collection was 31, where there were 12 holidays, 9 non-holiday regular weekends, and 10 weekdays. The following graphs present total number of exits and entries by each vessel class.

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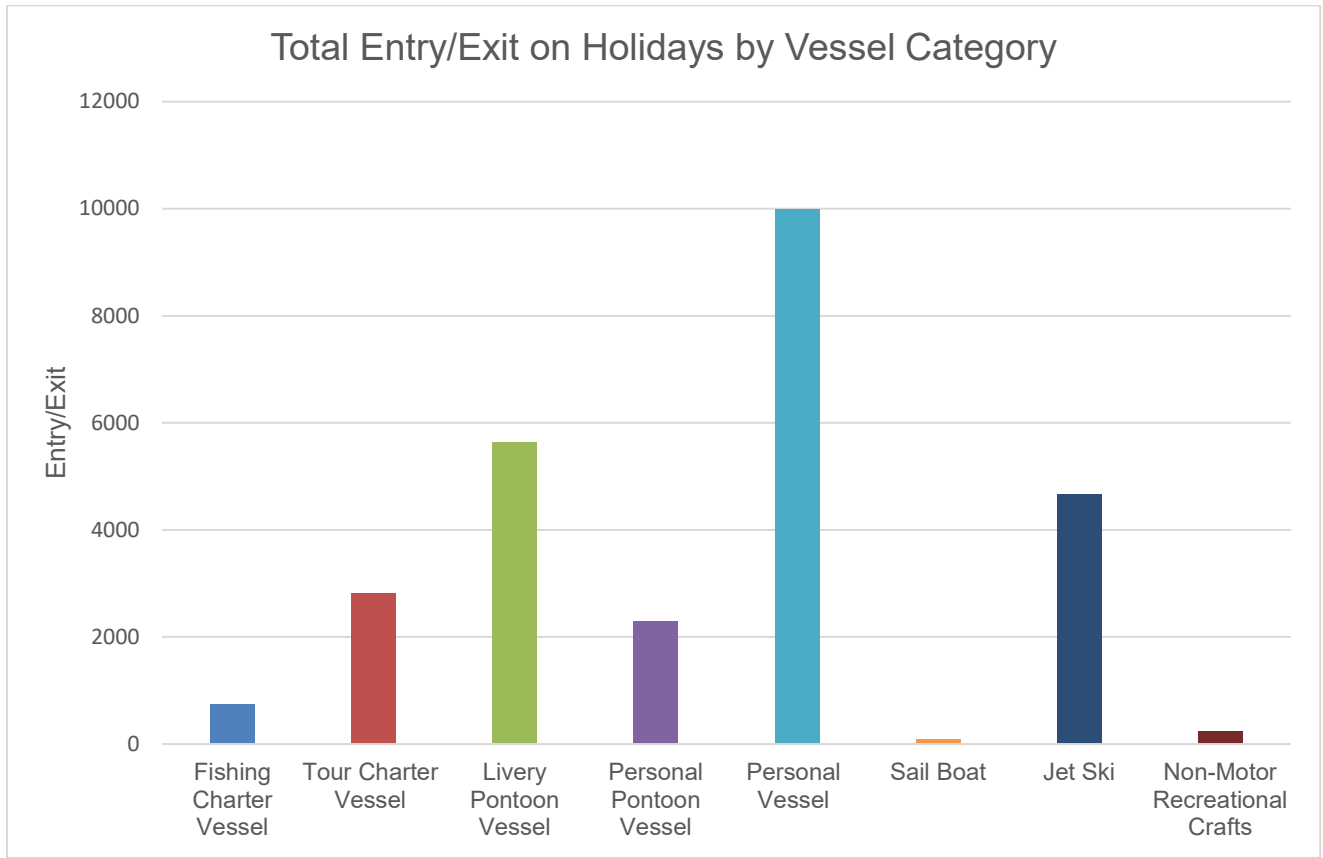


Figure 10: Total Vessel Traffic Observed

During holiday weekends, personal vessels recorded the most total entries/exits in the Harbor with about 10,000 trips through the Harbor mouth as shown in the above figure. Livery pontoons had the second most entries/exits with a little below 6,000 total trips. Jet skis were third, with just over 4,000 exits, while the rest of the vessel categories had less than 3,000 per category.

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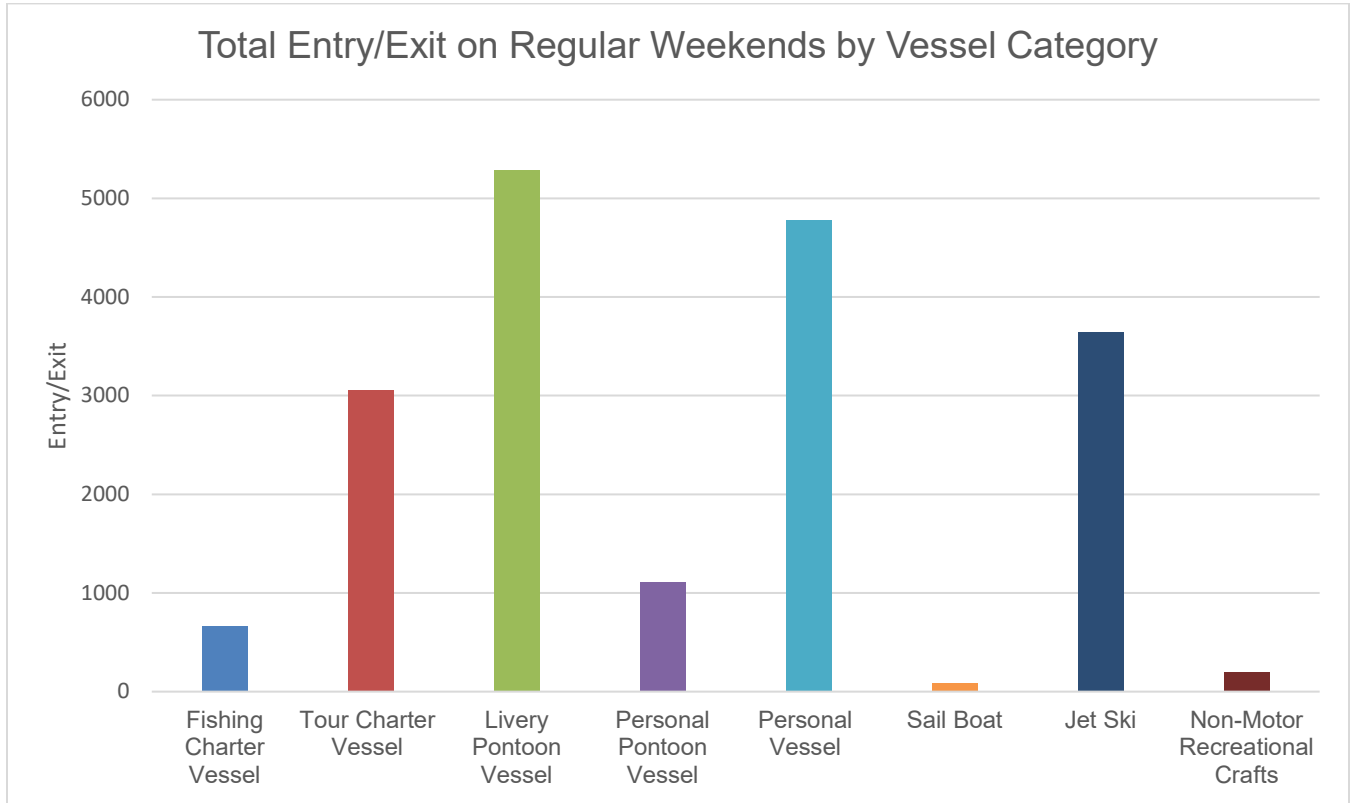


Figure 11: Total Vessel Traffic Observed on Regular Weekends

Vessel traffic at Destin Harbor was observed for a total of nine regular weekend days. Livery pontoons were the most recorded with over 5,000 trips to access the Harbor, followed closely by personal vessels and jet skis as presented in the above figure. As expected, regular weekends did not produce as much total vessel traffic compared to holiday weekends. Personal vessels led total entries/exits (9,990) in the holiday weekend recording but fell to second during the regular weekend recording (4,780).

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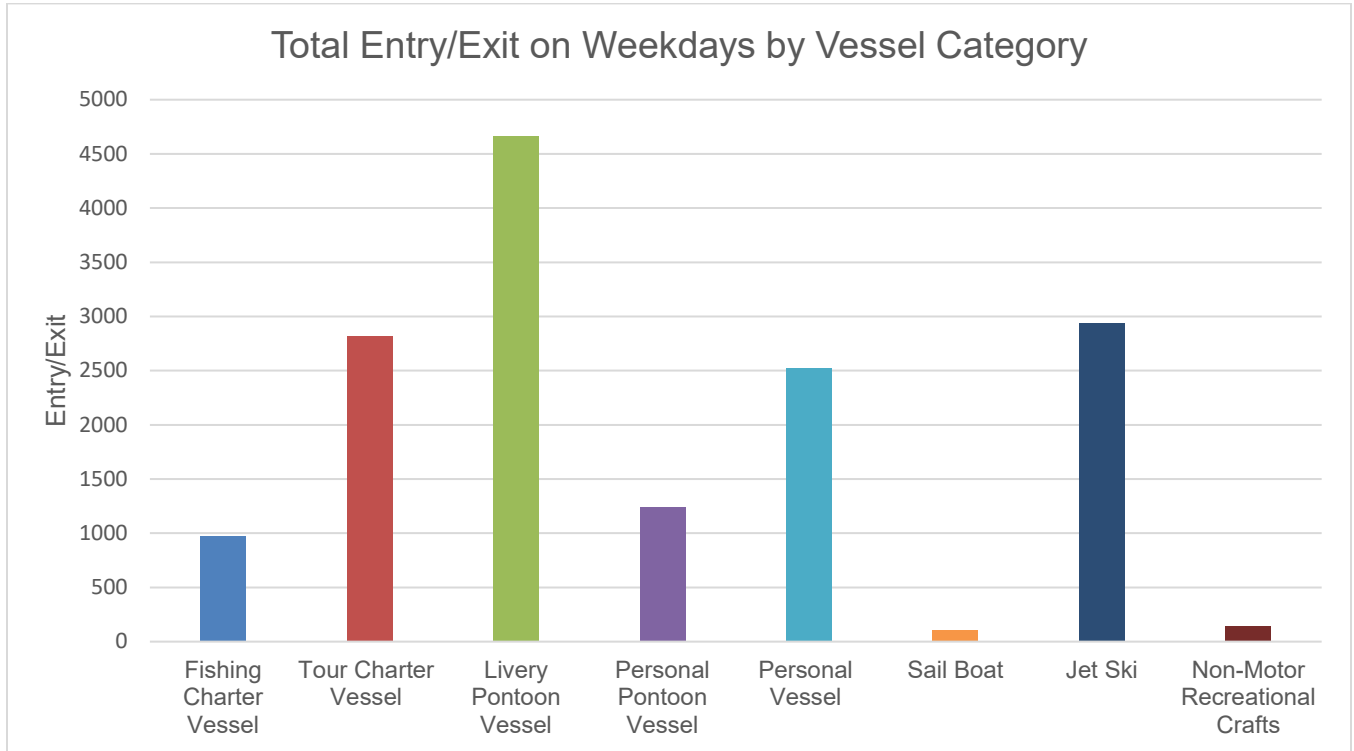


Figure 12: Total Vessel Traffic Observed on Weekdays

On regular weekdays, Harbor access by livery pontoons were the most recorded with a little over 4,600 trips, followed by jet-skis (2,938) and tour charters (2,817). Personal vessels once again fell from 2nd place in total entries/exits recorded on regular weekends to 4th in total entries/exits recorded on regular weekdays. It was assumed that less people take their personal vessels out during weekdays because those people have work commitments compared to a regular weekend/holiday weekend when people typically have less commitments.

6.4.2 Harbor Slip Counts

Counting of occupied vessel slips occurred 3 times per day at 10AM, 12PM, and 6PM (except for Memorial Day weekend, when they occurred twice a day at 8:30AM & 2:30PM). In reference to the following figures, the trips and their corresponding dates are listed below.

Table 3: Data Collection Trips

Trip 1	June 28th-July 4th
Trip 2	July 15th-July 21st
Trip 3	August 2nd-August 7th
Trip 4	August 19th-August 21st
Trip 5	September 2nd-September 5th

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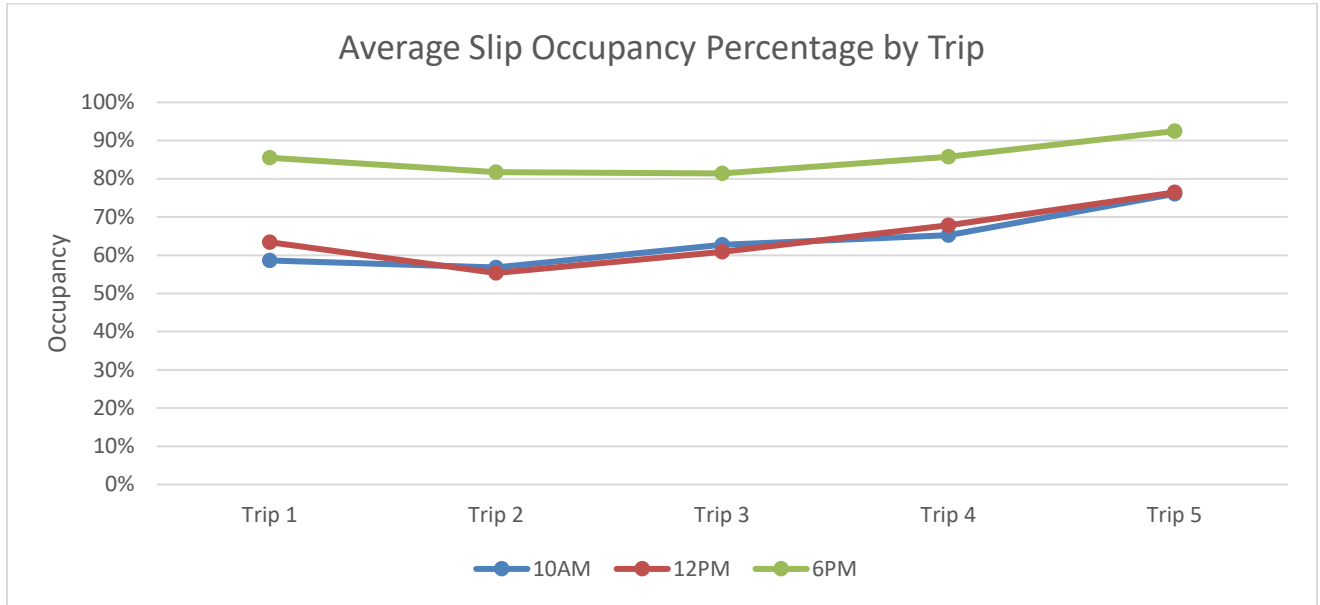


Figure 13: Slip Count Average Occupancy by Trip

Figure 13 shows the slip count totals at each time that data was recorded for each trip. There were only slight variances between 10AM counts and 12PM, but slips were consistently occupied during the 6PM count. This is likely because vessels that operate during the day have returned or are returning to a slip by 6PM. This is especially true for livery businesses, some fishing charters, and certain tour charters operating in Destin Harbor because they begin to close for the day at 6PM.

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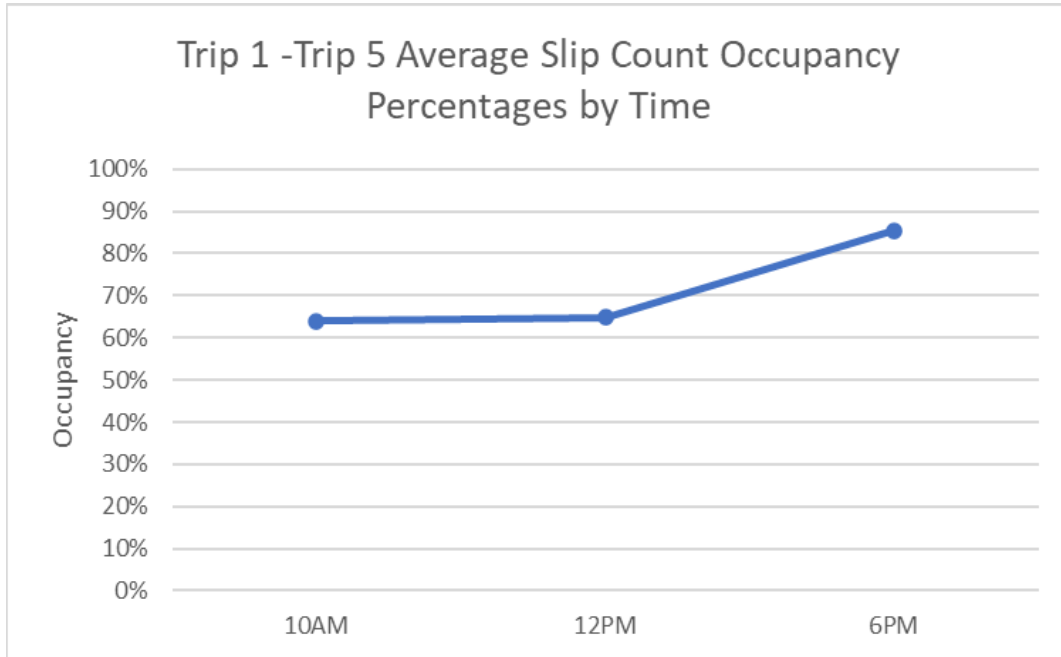


Figure 14: Average Slip Occupancy by Time

Figure 14 shows the average slip count occupancy between Trip 1 and Trip 5 at their respective time of recording. It reiterates Figure 13 in that the most slip usage occurred at 6PM. The daily trip slip counts are found in Appendix 1: Economics.

6.4.3 Parking Lot Counts

Parking counts occurred 3 times per day at 10AM, 12PM, and 6PM (with the exception being Memorial Day weekend, which were counted at 8:30AM & 2:30PM). Parking counts were separated into 2 groups: the Harbor District (12), and Other (2), which includes parking lots at two locations with boat launches and kayak launch facilities only.

Table 4: Parking Facility Groupings

Parking Facility Groupings	Lots
Harbor District (12 Parking Lots)	Coyote Ugly (east of Margaritaville), Margaritaville (west of Stahlman), and AJ's Private Parking, Marler Public Parking Lot, and Holiday Isle, Fatboy's Private Parking, Galati's, Happy's/Destin Yacht Club, Tailfin's, Dewey Destin's, Brotula's and Boathouse Oyster Bar
Other (2 Parking Lots)	Captain Leonard's Park, Joe's Bayou*

*Joe's Bayou also has a separate section created titled "Overflow," because unmarked overflow gravel parking was used at a parking lot adjacent to the regular lot. In some instances, trailers would occupy the overflow parking lot spots in favor of

maneuverability instead of open spots in the main parking lot. Joe’s Bayou and Captain Leonard’s parking occupancy was captured each day, while the other parking lots were observed approximately every three days.

Unlike the daily consistency in Vessel Traffic Count and Harbor Slippage Facility counts, there were too many parking lots to collect data on them all each day. Therefore, the team rotated through the list of parking lots each day. For example, on Monday, 6 parking lots would be observed 3 times in one day, at 10AM, 12PM, and 6PM. On Tuesday, the team would collect a total of 3 samples at 10AM, 12PM, and 6PM respectively, on the next 6 parking lots. To account for the gaps in data collected on individual lots, a regression model was developed to provide a snapshot of what could have occurred throughout the summer. The interpolated graphs and data will be shown in Section 6.5.

6.5 Interpolated Vessel Traffic

Vessel traffic data was consistent and plentiful, therefore that data was used to provide summer vessel count daily averages to show a snapshot of a typical week. This was used to interpolate each day throughout the summer that was not observed to provide a total for what could have occurred from May 27th-September 5th, 2022.

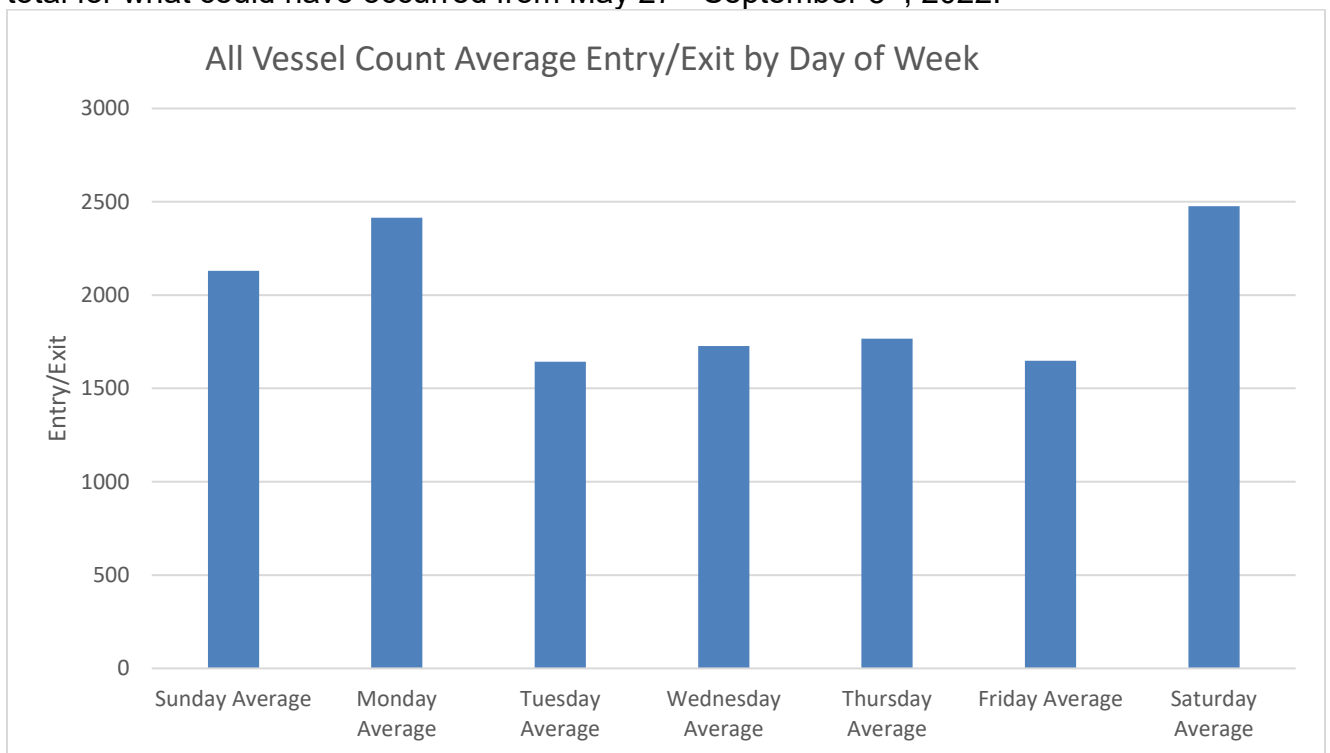


Figure 15: Vessel Count Average Entry/Exit by Day of Week

Figure 15 shows the average vessel entry/exits that occurred on each day of the week. The graph indicated that the highest daily average throughout the summer happened on Saturdays with a little under 2500 vessels per Saturday, and with Monday and Sunday

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being the only other vessel count totals above 2000. The reason for Monday being higher than Sunday is because each recorded holiday (Memorial Day, July 4th, and Labor Day) fell on a Monday. Holiday Mondays had a much higher vessel count average than typical days.

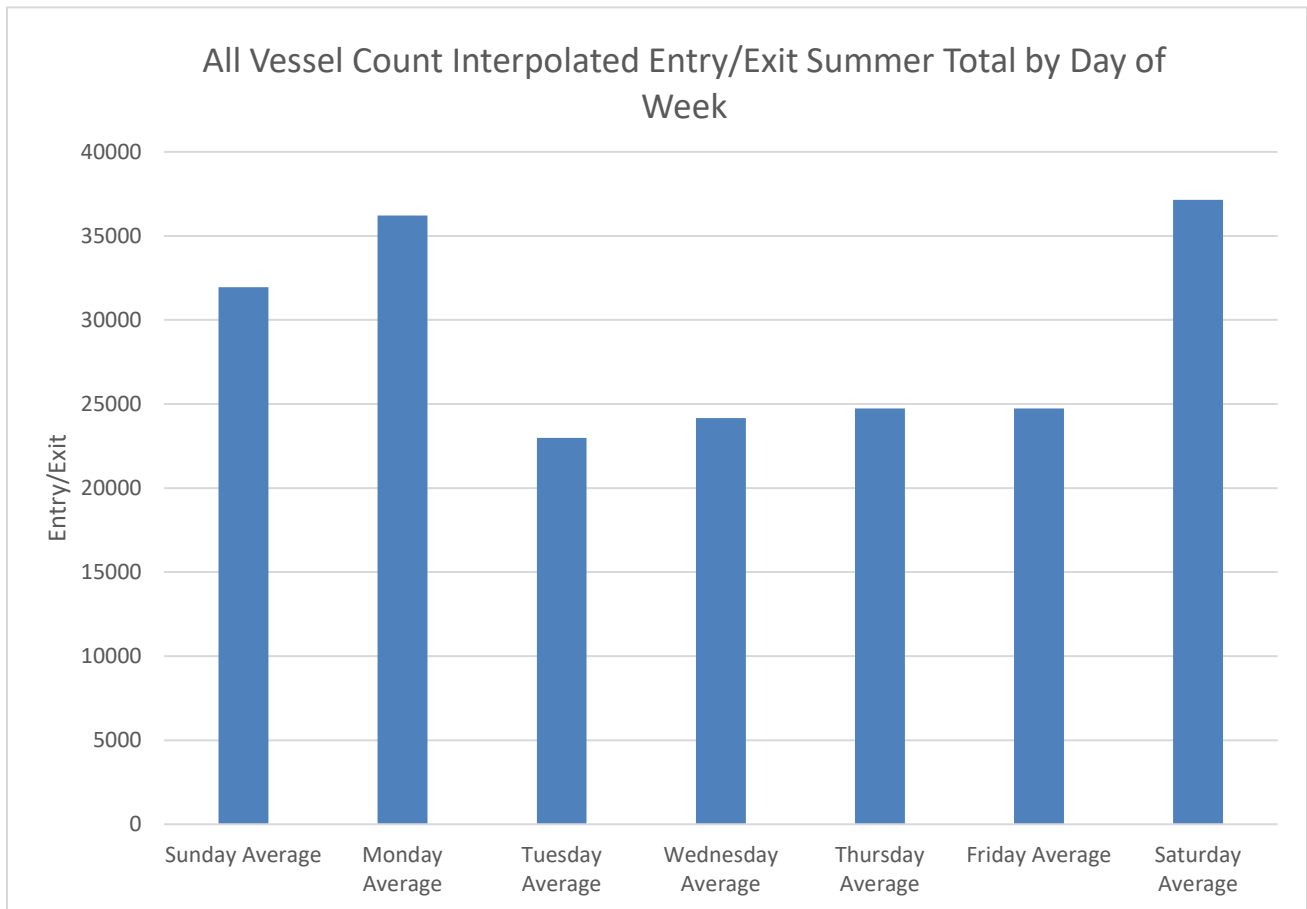


Figure 16: Vessel Count Interpolated Entry/Exit Summer Total by Day of Week

Figure 16 shows the daily vessel count interpolated entry/exit summer totals by day of the week. This includes every vessel classification combined into a daily total. That daily total was then interpolated throughout the summer ranging from May 27th-September 5th to show what could have occurred if every single interpolated day totals were combined. The Saturday average is still the highest total of entry/exits throughout the summer followed by Monday and Sunday.

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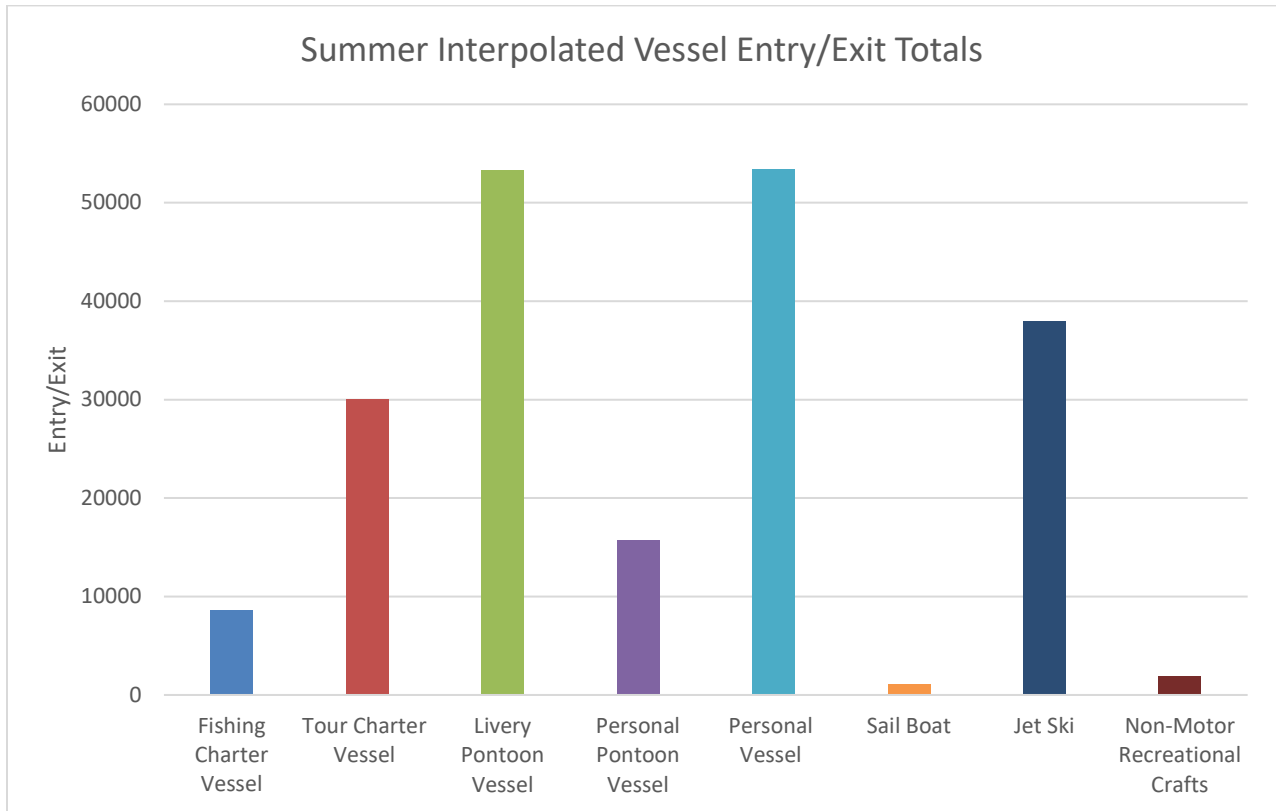


Figure 17: Summer Interpolated Vessel Entry/Exit Totals

While Figure 16 shows the total interpolated vessel entry/exits, Figure 17 is broken down by vessel classification. Personal vessels (53,410) and livery pontoons (53,295) by far account for the most entry/exits in Destin Harbor, while Jet skis (37,957) are a distant third and tour charter vessels (30,014) being fourth. The rest of the classifications were all below 20,000 projected summer entry/exits.

6.6 Parking Lot Analysis

Parking lots were not counted every day; therefore, interpolation of the observed parking data offers a prediction of parking data for the entire summer. This is useful for understanding the typical existing parking conditions during the peak season. The interpolation is only meant to be representative for the Summer of 2022. It cannot forecast future conditions or conditions outside of the peak season.

Linear regression was used to predict the parking inventory for lots that were not counted every day. This regression model is listed below.

$$Inventory_{ijkm} = \beta_0 + \beta_1 Lot_i + \beta_2 Time_j + \beta_3 Trip_k + \beta_4 Holiday_m + \beta_5 Lot_i \times Time_j + \epsilon_{ijkm}$$

Here, *i* refers to the parking lot, *j* refers to the time of day (10AM, 12PM, 6PM), *k* refers to the data collection trip, and *m* refers to whether the observation day occurs on a

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holiday weekend, non-holiday weekend, or non-holiday weekday. Based on this, β_1 are fixed effects for each parking lot, β_2 are fixed effects for the time of day, β_3 are fixed effects for each trip, β_4 are fixed effects for whether it is a holiday, non-holiday weekend, or non-holiday weekday, and β_5 are interaction fixed effects between each parking lot and the time of day. ϵ_{ijklm} is the error term, which accounts for uncertainty in the model. This was used to predict the inventory for observations that were not directly observed.

Parking lot capacities were counted on the initial Destin reconnaissance visit to determine the maximum amount of parking spaces that were available at each parking lot. The Harbor District restaurant’s total parking capacity is as follows:

Table 5: Harbor District Total Parking Capacity

Restaurant Parking Lot	Total Parking Spaces
Coyote Ugly	276
Margaritaville	129
AJ’s	108
Fatboy’s	26
Galati’s Yacht Sales	75
Happy’s/Destin Yacht Club	54
Tailfin’s	77
Dewey Destin’s	72
Brotula’s	245
Boathouse Oyster Bar	110
Marler Public Parking	146
Holiday Isle	65

Joe’s Bayou and Captain Leonard’s Parking Lots are not located in the Harbor District, but Joe’s Bayou has boat launches and Captain Leonard’s has a kayak launch. Joe’s Bayou has 83 total parking spaces with the overflow lot included and Captain Leonard’s has 33 parking spaces. Because the Joe’s Bayou overflow lot has unmarked parking spaces, GIS technology was used to estimate the total number of parking spaces based on the average length of a truck and boat trailer of 20 feet (refer to Figure 18). Holiday Isle is also included in the total occupancy percentages with 65 parking spaces. These parking lot totals were then used to determine the below parking lot capacity graphs as percentages of parking spaces occupied by vehicles. More detail on the interpolation can be found in Appendix 1: Economics.

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Figure 18: Joe's Bayou Overflow Lot - Total Capacity

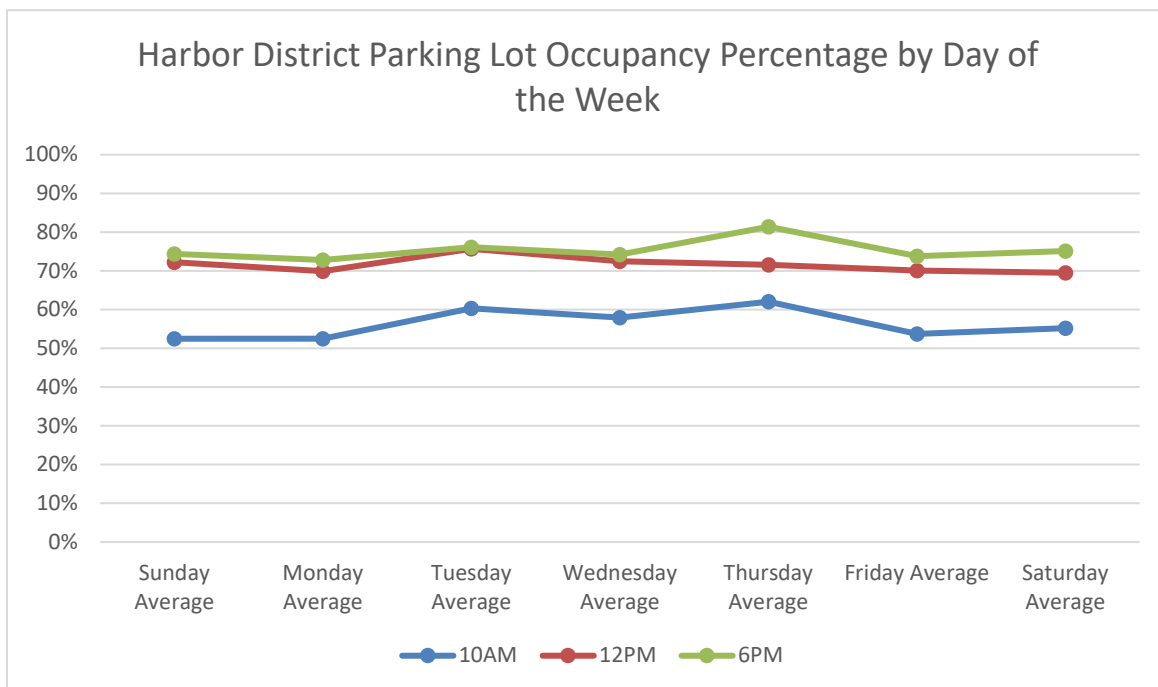


Figure 19: Harbor District Parking Lot Occupancy Percentage by Day of the Week

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Figure 19 provides a weekly snapshot of Harbor District parking lot occupancy by percentage. 10AM had the lowest percentage occupancy consistently for each day of the week with the reasoning being that most people are showing up closer to 12PM which is also shown with the 20% increase in occupancy. 6PM is also slightly higher than 12PM but is similar in the above 70% occupancy. There were only 3 observations for Mondays – Thursdays so that data doesn't have as much variance as the weekend. Data was collected during the more frequent weekend trips, showing the consistent theme that 10AM occupancy is consistently less than 12PM and 6PM.

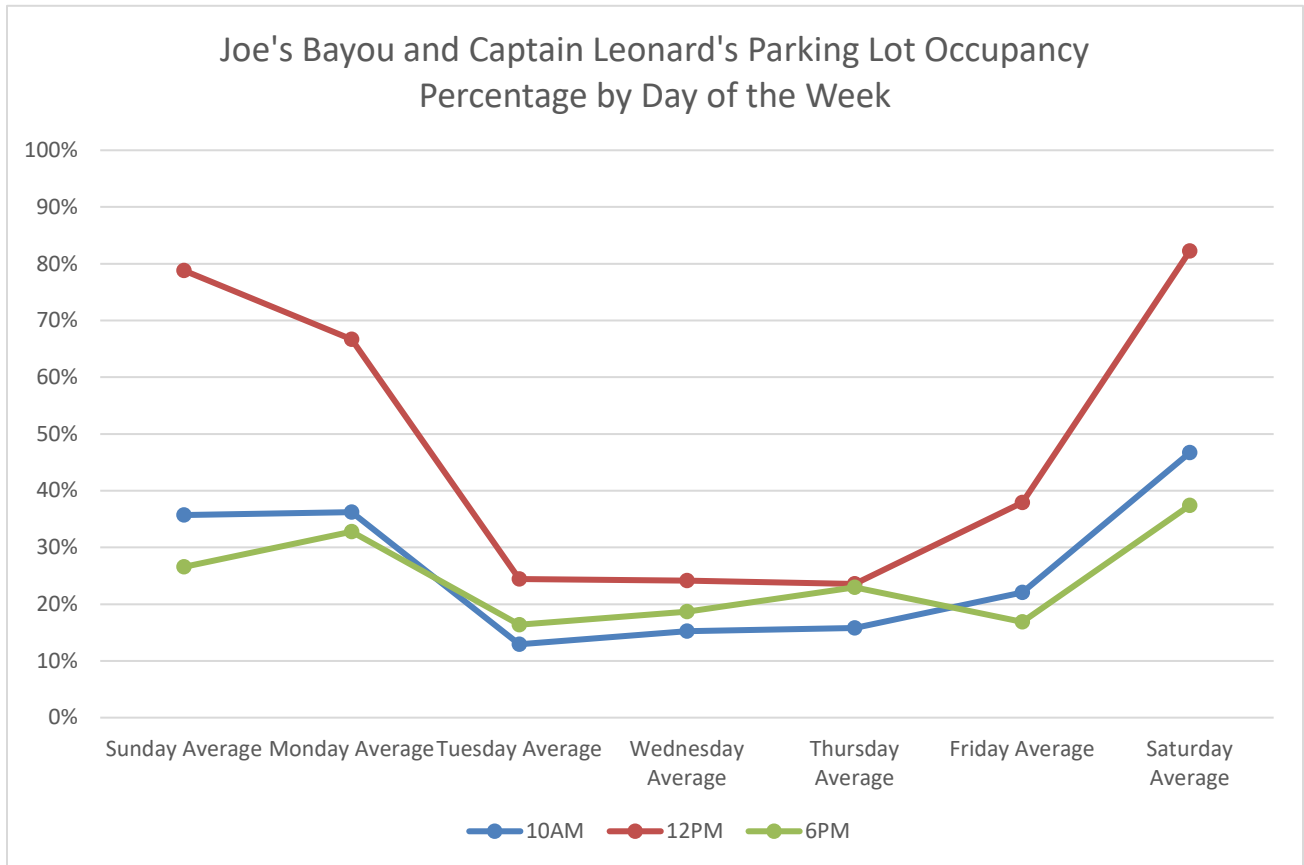


Figure 20: Joe’s Bayou and Captain Leonard’s Parking Lot Occupancy Percentage by Day of the Week

Figure 20 provides a snapshot of what a typical week would look like for Joe’s Bayou and Captain Leonard’s parking lot occupancy by percentage. Joe’s Bayou and Captain Leonard’s parking percentages have more variance than the boardwalk because they are used for parking, trailer parking, boat launching for Joe’s Bayou, and a kayak launch for Captain Leonard’s. 12PM has the highest parking occupancy especially on weekends because of more vessel usage/launches occurring on weekends. 10AM, 12PM, and 6PM show a significant drop in parking lot usage because of much less vessel usage occurring during the week because of work obligations. There is more unique data for Joe’s Bayou and Captain Leonard’s because they were counted each day compared to a rotation of Harborwalk parking.

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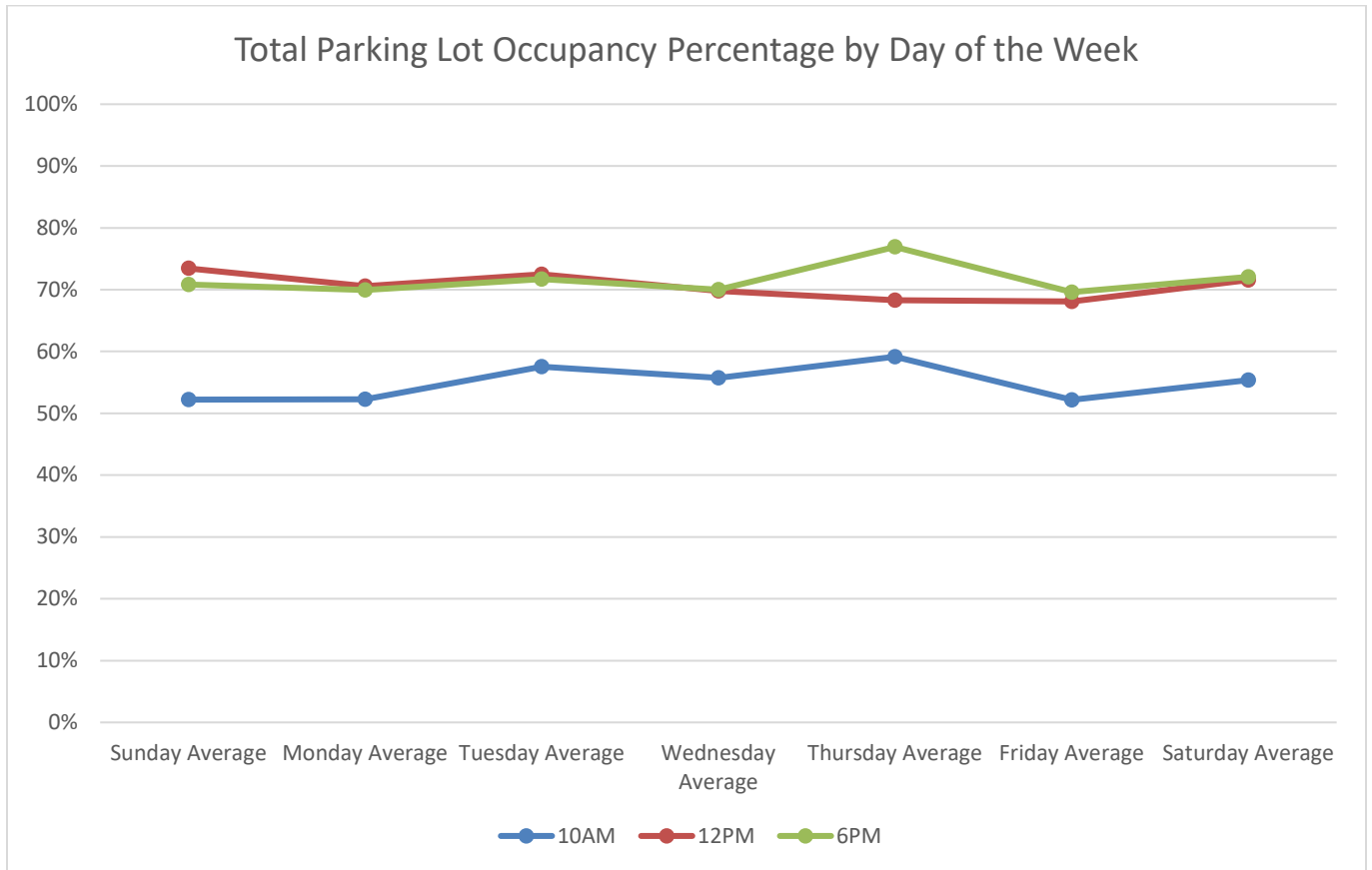


Figure 21: Total Parking Lot Occupancy Percentage by Day of the Week

Figure 21 provides a weekly snapshot of what a typical week would look like for the total parking lot occupancy by percentage. There is a much larger concentration of parking and usage of parking occurring in the Harbor District parking compared to the Joe’s Bayou and Captain Leonard’s parking. The total parking lot percentages show the same overarching data theme that the 10AM consistently had the least amount of parking occupancy.

All data collected and analyzed over the summer of 2022 was then incorporated into the methodology used to calculate Destin Harbor’s Carrying Capacity.

6.7 Carrying Capacity Analysis

There are four types of commonly used carrying capacity indicators used to assess the recreational carrying capacity of a Harbor or lake: ecological, facility, spatial, and social. Determining the carrying capacity can be identified using any combination of these four indicators. The approach taken in this study consists of three components: spatial carrying capacity, social carrying capacity and facility carrying capacity. Table 5 below summarizes the carrying capacity analysis. For the purposes of this analysis, study zones are identified as shown in Figure 22.

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Table 6: Destin Harbor Carrying Capacity

Physical Carrying Capacity	Carrying Capacity Analysis
Zone A: Inside Destin Harbor	Capacity Exceeded
Zone B: Crab Island	Capacity Exceeded
Zone C: East Pass	Capacity Exceeded
Social Carrying Capacity	Full Capacity
Facility Carrying Capacity	Full Capacity
Harbor Slips: Harbor District	Ave. 60-90% Capacity
Parking Lots: Harbor District	Ave. 80% Capacity
Boat Trailer Parking, Boat/Kayak Launch: Joes Bayou, Capt. Leonard	Ave. 80% Capacity on weekend use



Figure 22: Study Zones

Source: City of Destin, Planning Division

Water and Land Recreation Opportunity Spectrum (WALROS)

The Water and Land Recreation Opportunity Spectrum (WALROS) methodology was developed by the Bureau of Reclamation to determine appropriate ranges of recreational carrying capacities or densities for boating (vessel activity) in an area (2011). WALROS uses physical, social, and managerial attributes that define a harbor or lake setting to systematically establish six classifications of recreation opportunities.

A harbor or lake can be classified as urban, suburban, rural developed, rural natural, semi-primitive, or primitive recreation opportunities. The WALROS developed a set of boating capacity coefficients based on collaborative expert opinion, published articles and sound professional judgement. In depth descriptions of the WALROS methodology and classifications may be found in the WALROS Handbook.

Based on the WALROS classifications, Destin Harbor is best identified as urban. The WALROS handbook (2011) describes the urban setting classification as being in “extensively developed and populated cities and metropolitan spaces where virtually the entire landscape contains manmade structures.” The water resources tend to be channelized or altered with extensive recreation use that involves much diversity, socialization, and concentration (p. 9, Haas, et al, 2011). The following Figure 23 presents a range of reasonable vessel capacity coefficients by WALROS class. The vessel capacity coefficient is defined as the number of water surface acres adequate for each recreational vessel in a WALROS class. For the urban classification the acres per vessel range from 1 on the low end to 10 at the high end. The current vessel densities at Destin Harbor indicate that the spatial carrying capacity of the Harbor is exceeded.

WALROS class	Range of boating coefficients (acres per boat)	
	Low end	High end
Urban	1	10
Suburban	10	20
Rural developed	20	50
Rural natural	50	110 (¼ sq mi)
Semiprimitive	110	480 (¾ sq mi)
Primitive	480	3,200 (5 sq mi)

Figure 23: Reasonable Boating Coefficient by WALROS Class

6.7.1 Spatial Carrying Capacity

Spatial carrying capacity is the number of vessels that safely operate and recreate in a specific water surface area at a given time. Factors such as usable acres, vessel activity, and peak use density are used to quantify spatial carrying capacity. In this context, one shift (3 hours) was used to measure peak usage for the purpose of the WALROS method. The study area is divided into three zones to distinguish spatial carrying capacity at each: Inside the harbor, Crab Island and East Pass.

Zone A: Inside the Harbor

For the purposes of the spatial carrying capacity, it is assumed that the Harbor consists of 240.6 acres of usable water surface for vessel activity including docking at Harbor slips. The observed vessel density for Destin Harbor is calculated by dividing usable

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water surface acres by the maximum number of vessels for observed peak use by hour to identify the peak density. The vessel density was also calculated for the low density using the total number of observed vessels at the lowest use by hour:

Observed peak density: $240.6 \text{ acres} \div 444 \text{ vessels} = 0.54 \text{ usable acres per vessel}$

Observed low density: $240.6 \text{ acres} \div 27 \text{ vessels} = 8.91 \text{ usable acres per vessel}$

The current vessel density range for Zone A: Destin Harbor is estimated to be 0.54 – 8.91 usable acres per vessel. This range suggests that during the summer season, there is less than 1 acre of usable water surface for each vessel in Destin Harbor during peak shift times.

Zone B: Crab Island

It is worth reiterating that the vessel traffic count was conducted only at the vantage point of the Harbor entrance. However, Crab Island is a common destination for boaters in Destin. Crab Island is commonly the destination for tour charters, pontoons, personal vessels, and jet skis. In the absence of vessel traffic counting directly at Crab Island, it is reasonable to assume that during peak shift, 90% (390 vessels) of the previously mentioned vessel classes counted at the Harbor entrance were bound for Crab Island. The number of vessels during the lowest-density shift is assumed to be 90% (14 vessels) of the total number of tour charters, pontoons, personal vessels, and jet skis.

Observed Peak Density: $160 \text{ acres} \div 390 \text{ vessels} = 0.41 \text{ usable acres per vessel}$

Observed Low Density: $160 \text{ acres} \div 14 \text{ vessels} = 11.85 \text{ usable acres per vessel}$

The current vessel density range for Zone B: Crab Island is estimated to be 0.41 – 11.85 usable acres per vessel. This range suggests that during the summer season, there is less than 1 acre of usable water surface for each vessel in Crab Island during peak shift times.

Zone C: East Pass

East Pass is the inlet between Moreno Point in the City of Destin, and Okaloosa Island. As the tidal connection between Choctawhatchee Bay and the Gulf of Mexico, vessels traverse the East Pass to access the Gulf of Mexico. For the peak shift all fishing charters are assumed to frequent this zone in addition to 50% of tour charters, pontoons, jet skis and personal vessels (230 vessels). For the lowest-density shift, all fishing charters as well as 50% of tour charters, pontoons, jet skis, and personal vessels (20 vessels) traverse through East Pass:

Observed Peak Density: $227.2 \text{ acres} \div 230 \text{ vessels} = 0.98 \text{ usable acres per vessel}$

Observed Low Density: $227.2 \text{ acres} \div 20 \text{ vessels} = 11.65 \text{ usable acres per vessel}$

The current vessel density range for Zone C: East Pass is estimated to be 0.98 – 11.65 usable acres per vessel. This range suggests that during the summer season, there is

less than 1 acre of usable water surface for each vessel in East Pass during peak shift times.

6.7.2 Social Carrying Capacity

Social carrying capacity considers the users' perceptions of crowding and safety. Under this indicator, capacity is reached when conflict arises or when the user is deterred from participating in activities in the Harbor or surrounding waters. The social carrying capacity of Destin Harbor was assessed by administering a survey to a sample of boaters who use the Harbor and its surrounding waters. The purpose of the survey was to gather information on user experiences at Destin Harbor.

Enjoyment and Crowding

When asked how the number of other boaters affected enjoyment in the harbor, 59% of respondents indicated that the number of boaters "somewhat detracted, moderately detracted or extremely detracted" from their experience. Less than 10% of respondents indicated that the number of other boaters added to their experience, while 35% noted that other vessel activities present neither added nor detracted to their experience. Figure 24 below presents how crowding affected enjoyment.

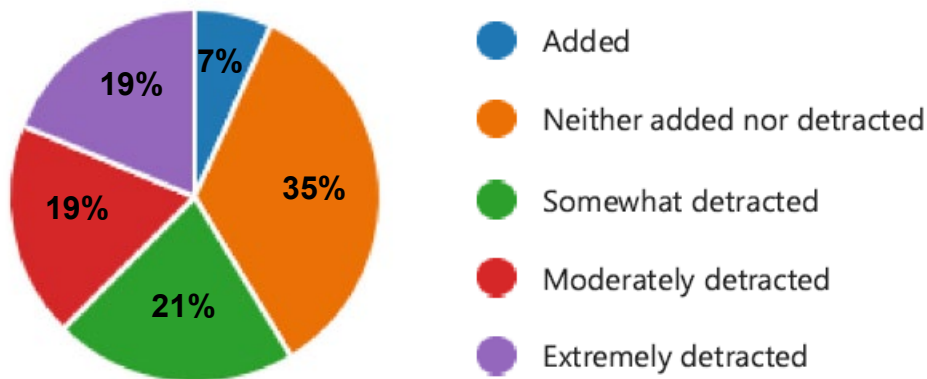


Figure 24: How the other boaters affect enjoyment of the Harbor

Survey questions also gauged user perceptions on crowding at three broad locations: at the boat ramp, out on the water or at the primary destination.

At the boat ramp facilities, 48% of respondents perceived that they were moderately to extremely crowded. An additional 28% indicated they were somewhat crowded while approximately 24% do not feel crowded at all. A combined 70% of respondents perceived that they were either "extremely crowded" or "moderately crowded" by the number of vessels on the water in the Harbor on any given day over the summer of 2022. When asked about crowding at their primary destinations, 58% of the Harbor users indicated either extremely crowded or moderately crowded.

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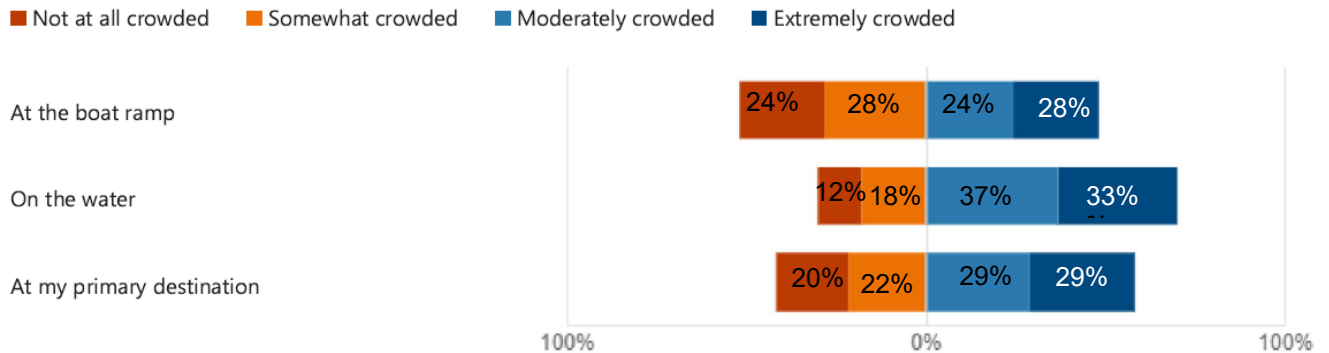


Figure 25: Crowding Perceptions

Avoidance and Safety

When asked whether there were locations in Destin Harbor or surrounding waterways avoided due to the presence of other vessels and watercrafts, more than half of the respondents (56%) indicated “no” while 44% responded “yes.” Respondents who responded in the affirmative identified Crab Island, areas in the Harbor congested by livery vessels, and the Harbor entrance as locations avoided due to the presence of other vessels. Respondents also frequently stated that they would avoid Destin Harbor on the weekends and holidays due to high vessel traffic.

Although more than half of the respondents stated that they do not avoid a location due to other vessels, when asked about safety, 53% indicated that there are locations they feel unsafe due to the presence of other vessels and watercrafts. Respondents commonly cited the Harbor entrance, Crab Island, East Pass entrance and passage under the bridge as unsafe locations.

Boating Under the Influence (BUI) and Inexperienced Boaters

Survey respondents described that in addition to congestion, they avoid certain locations or feel unsafe because of the prevalence of boaters operating vessels and watercrafts under the influence (BUI). This perceived concern is supported by the Okaloosa County Sheriff’s Office Marine Unit (OSCO) who reported the highest number of BUI arrests for all of Florida in 2020 (Rains, 2022). Some respondents highlighted inexperienced boaters who recreate on livery jet skis and pontoons impose similar effect of unsafe conditions at the congested areas in Destin Harbor and surrounding waters. Feedback obtained during focus groups also echoed BUI incidences as one of the deterrent factors for some Harbor users.

The social carrying capacity of Destin Harbor appears to be at full capacity. The perception survey results indicate that Harbor users avoid surrounding waters and sometimes the Harbor completely when they anticipate crowding at Destin. Moreover, conflicts associated with the high number of BUIs, and inexperienced boaters suggest that the social carrying capacity is at full capacity.

6.7.3 Facility Carrying Capacity

Facility carrying capacity is the ability of the facilities to accommodate the number of users. Facilities include parking lots, boat trailer parking, marina slips and boat launches. For this indicator, estimates of facility capacities were calculated based on available facilities during peak use periods.

The mix of services and recreation opportunities at Destin Harbor and its surrounding waterways mean that user demands on the facilities are also mixed and nuanced. Harbor slips serve not only tour charters, livery pontoons, fishing charters but also personal vessels or watercrafts who seek to dine at the restaurants along the harbor. There are less than 10 public transient slips for day use offered by the City of Destin at the Harbor District near 210 Harbor Blvd. These transient slips are included in the total inventory of Harbor slips counted. The layout of the Harbor slips varies in size and occupied by various sizes of vessels. In the cases of livery pontoons and small fishing charters, more than one vessel often docked in a single slip. To obtain a consistent estimate of the inventory of Harbor slips, a GIS-based count of the Harbor slips was conducted. The Harbor slip count assumed that each slip would be occupied by a vessel with 20 ft LOA. This approach uniformized the Harbor slip inventory while also accounting for observed conditions of two small vessels with (average 20 ft LOA) docking in a single slip.

The demand for vehicle parking lots servicing the Harbor is also mixed. Dining, tour charters, shopping and event attendees are among the users of parking lot stalls during peak seasons. Several businesses along Harbor walk. The sample of parking lot stalls counted during the summer peak season summed up to over 1,380.

Joe's Bayou facility consists of three boat launches and ample boat trailer parking. It is one of the main access points to Destin Harbor and surrounding waterways. It was determined that Joe's Bayou to have a total of 83 parking stalls. This includes the gravel lot next to the boat launch. Table 6 below shows the facility carrying capacity recorded on average for the data collection period.

Table 7: Facility Carrying Capacity Summary

Facility	Inventory	Capacity
Harbor Slips	335	Ave. 60-90% Capacity
Parking Lot Stalls	1383	Ave. 80% Capacity
Boat Trailer Parking at JB	83	Ave. 75% Capacity on Weekends

Based on the data collected over the summer season, the facilities at and around Destin Harbor are on average between 60-90% capacity. While this suggests that the carrying capacities have not been reached for the facilities some important factors are to be highlighted:

1. Harbor slip occupancy does not consider maneuverability difficulties accessing the slips as a result of crowding by mixed-sized vessel traffic congestion along the Harbor channel or in the marinas themselves.
2. Several restaurants and tour businesses collectively staff their parking lots to regulate and deter non-patron parking. This practice contributes to the parking lot carrying capacity maintaining an average 80% capacity. An argument can be made that while vehicle parking carrying capacity is not reached, there may be Harbor users in vehicles that are displaced or may be deterred from the harbor.
3. Vehicle parking lots in some areas experience maneuverability challenges related to the lay out of the parking lot and terrain.

The above factors impact the quality and efficiencies of the existing facilities. It can be concluded that the facility carrying capacity is reached and expected to exceed capacities if usage conditions remain the same in the future.

7.0 Perception Surveys

The perception surveys were developed to assess the quality of recreation and perception of resources at Destin Harbor. The survey was two-fold: 45 surveys were administered on the Destin Harborwalk in December 2022, and 1,200 surveys were mailed out in February 2023 and 184 were returned to USACE by March 2023 with results. A total of 229 responses were manually input into Microsoft Forms and automatically analyzed by the software. A high-level overview of the survey results, as well as a detailed list of responses, can be found in Appendix 4: Perception Survey Results. Clear trends resulted from the data and are as follows:

7.1 Results Regarding Objective 1) Safety and Enjoyment of Local Waterways

- 30% of respondents reside or own property in the 32541-zip code.
- 57% of respondents indicated using a pontoon boat during their last visit to Destin Harbor, making the pontoon boat the most popular vessel classification used in Destin Harbor according to survey results. Fishing/Bass vessels were used by 51% of respondents during their last visit. 35% of respondents indicated using a “V” Hull boat during their last visit, making it the third most used vessel type in the Harbor during respondents’ last visit. It is important to note that respondents could choose as many vessel classifications as they used during their last trip. Please see Appendix 4: Perception Survey Results for more in-depth information.
- Only 11% of respondents indicated that Crab Island was their favorite place to recreate around the Harbor. Coupled with incident data provided by the Florida Fish and Wildlife Commission (see Figure 5), it’s reasonable to assume that Crab Island is dangerously overcrowded, and that the Harbor takes the brunt of that crowd at certain times as indicated by Vessel Traffic Count data and Slip

Usage. Other favorite areas included the Harborwalk, either for restaurants or entertainment, and Norriego Point.

- Crab Island is consistently ranked as a location that is deliberately avoided because of other boats/watercrafts and safety concerns. 52% of respondents indicated Crab Island as the area they avoid. Additionally, 45% of respondents said that they felt unsafe because of other vessels and watercrafts in and around Crab Island.
- A combined 38% of respondents revealed that the number of other boaters “moderately” or “extremely” detracted from their enjoyment of the Harbor in the summer of 2022. Only 7% of respondents indicated that the number of other boaters added to their enjoyment of the Harbor.
- When asked what changes have been observed in the Harbor in the last three years, respondents continue to point out overcrowding; in fact, 69.9% of respondents felt “moderately crowded” or “extremely crowded” by the number of vessels on the water. Other negative changes that have been observed include lower water quality, littering, decrease in restaurant quality, increase in livery vessels, and boating incidents. Positive changes that have been observed include Harbor improvements (healthy dunes, dredging, widening of Harbor mouth), additional fuel stations, safety patrol, and water pump improvements.

7.2 Results Regarding Objective 2) Environmental Health of the Harbor and Supporting Waterways

- Another trending negative change is poor water quality in the Harbor, and when asked directly about water quality perception, 45% of respondents say the water quality is either “excellent” or “good.” Additionally, 79% of respondents say it is either “extremely important” or “very important” to consider costs and benefits when addressing environmental impacts related to water quality.
- When asked about impacts to resources on the Harbor, 65% of respondents indicated that littering is “extremely” concerning, followed by water pollution at 44%.
- Respondents were also prompted to list potential effects of recreational activities they observed they may cause harm to the environment. The top activities that were gleaned from this list include 1) environmental degradation in the form of vessel pollution, noise pollution, littering and destroying grass beds or other marine resources, and 2) overcrowding and inexperienced boaters, where livery jet skis and pontoons were specifically called out.

7.3 Results Regarding Objective 3) Economic Development of Businesses Operating Along the Harbor

- Information revealing the quality, use, and potential use of boat ramps was also collected from the survey results, in which 63% of respondents indicated that they would consider using a public boat ramp to access Destin Harbor.
- Additionally, 84% of respondents indicated their satisfaction with the mix of uses and services in and around the Harborwalk area.

8.0 Management Measures

A management measure is a feature or activity that can be implemented at a specific geographic site to address one or more planning objective. As such, measures are not confined to only those that can be constructed. Measures can include outreach, proposed regulatory actions, or a programmatic approach to existing requirements. The shaded boxes below correspond with the three study goals identified by the City of Destin and the PDT at the beginning of the study. They include A) the promotion of safety and enjoyment of local waterways within the study area (shown in blue), B) the protection of environmental health of the Harbor and surrounding waterways (shown in green), and C) the promotion of economic development of business operations on or along the Harbor (shown in gray).

Table 8: Management Measures

Code	
A	SAFETY AND ENJOYMENT OF LOCAL WATERWAYS
A1	Better defined/additional channel markers
A2	General navigability and safety improvements
A3	Promote water taxi/tour vessels as alternatives to livery vessels
A4	Parking Garage, private public partnership, parking enforcement
A5	Patrol of personal watercrafts (PWC) AKA jet skis
A6	Creation of Destin-specific safety video to cover boating/traffic safety and boating under the influence
A7	Avoid BUIs on vessels and jet skis with more law enforcement presence
A8	Additional signage reminding patrons not to drink/boat
A9	Revisit regulations on issuing permits
A10	Regulate livery vessel traffic operations
A11	Boater's safety courses (not video)
B	ENVIRONMENTAL HEALTH OF HARBOR AND SURROUNDING WATERWAYS
B1	Pump out stations, private pump out laws, move pumps, install new pumps
B2	Water treatment for parking lot/roadway run-off, FDOT filtration updates, utility updates
B3	Repair, rehabilitate, replace pumping system, install pipe between Harbor and gulf
B4	Contain oil spillages
B5	Proper enforcement of fueling operation
B6	Hydrographic Study (supplemental intervention)
B7	Comprehensive water quality study (B1 & B6)
B8	Coast Guard/Nonprofits conducting vessel inspection training
C	ECONOMIC DEVELOPMENT OF BUSINESSES OPERATING ALONG THE HARBOR

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C1	Move the navigation channel to allow dock extensions
C2	Extend docks to expand more slips allow property owner the ability to expand slips
C3	Reconfigure public slips
C4	Add additional transient slips in convenient location

Screening is an iterative process of eliminating measures that will no longer be considered based on planning criteria. Criteria were derived for the specific study based on the objectives, constraints, problems, and opportunities of the study area. The criteria used for the initial evaluation included screening management measures against how well they addressed the problem statements. Management measures were further screened on an appraisal of how well they met planning objectives and avoided planning constraints. The initial measure screening efforts focused on the ability of the measures to meet planning objectives through solving identified problems. Those measures which would not contribute to meeting planning objectives were eliminated, shown below with a text strikethrough.

9.0 Recommendations

Developing recommendations correspond with the last four watershed planning steps that are applied in this study. These steps are 3) Identify and Screen Measures, 4) Formulate Initial Array of Strategies, 5) Refine Initial Array and Evaluate Focused Array of Strategies and 6) Comparison and Selection of Strategies.

Recommendations are made up of a set of one or more management measures functioning together to address one or more planning objectives. The PDT identified a comprehensive list of potential measures and assessed each to determine its effectiveness.

9.1 Initial Array of Recommendations

After management measures were screened, recommendations were developed using the remaining measures by determining if they could address specific problems in the study area. The initial array of recommendations can be found below.

A1. Better defined/additional channel markers

Justification. Better defined/additional channel markers could be a standalone measure and still address problem statements 2, 3, and 4, including main issues of high vessel traffic, safety concerns, and the inability to navigate the channel effectively.

A1 with all. Better defined/additional channel markers in combination with any other viable measure

Justification. Better defined/additional channel markers could be combined with any viable measure to strengthen and support effectiveness to address problem

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statements 2, 3, and 4, including main issues of high vessel traffic, safety concerns, and the inability to navigate the channel effectively.

A1, A6. Better defined/additional channel markers and a Destin safety video on boating safety and responsible boating

Justification. Better defined/additional channel markers could be a standalone measure and still address issues and concerns. A safety video emphasizing boating safety and responsibility could allow viewers the knowledge to use those additional channel markers. These measures in combination could effectively address problem statements 2, 3, and 4, including main issues regarding high vessel traffic, safety concerns, and the inability to navigate the channel effectively.

A3, A10. Promote water taxis and tours as an alternative to livery vessels while regulating livery vessel traffic operations

Justification. Promoting shuttles to Crab Island may lead to fewer livery vessels congesting the Harbor entrance and fewer instances of boating under the influence, addressing problem statement 1, 2, and 4. Regulating livery vessel traffic operations could ensure that each vessel is abiding by Harbor rules to minimize traffic incidences, which could address problem statement 3. These measures in combination have the potential to address all problem statements.

A9, A10. Revisit regulations on issuing permits while regulating livery vessel traffic operations

Justification. Revisiting regulations on issuing permits could identify if the City of Destin was overissuing them to vessel operators. This could be an effective way to monitor the number of certain vessel classifications in the Harbor, especially livery and charter businesses that still have unused permits. At the same time, regulating livery vessel traffic operations could ensure that each vessel is abiding by Harbor rules to minimize traffic incidences. This recommendation could address problem statements 1, 3, and 4.

A6, A7. Destin safety video on boating safety and responsible boating while avoiding BUIs on vessels and jet skis with more law enforcement presence

Justification. A safety video emphasizing boating safety and responsibility will teach boaters what to do and what to avoid on the water in certain scenarios. An increased law enforcement presence will also encourage boaters to abide by Harbor rules. This recommendation could address problem statements 2 and 3.

A6, B8. Destin safety video on boating safety and responsible boating while the Coastguard and/or Nonprofit groups conduct vessel inspection training

Justification. A Destin safety video emphasizing boating safety and responsibility in combination with vessel inspection training administered by the Coastguard and local Nonprofits, which could cover how to inspect vessels for leaking fuel and ensuring that equipment isn't faulty, could address problem statements 2 and 3.

A9, C3. Revisit regulations on issuing permits in combination with reconfiguring public slips

Justification. Revisiting regulations on issuing permits could identify if the City was overissuing them to vessel operators. This could be an effective way to monitor the number of certain vessel classifications in the Harbor, especially livery and charter businesses that still have unused permits. Reconfiguring public slips could increase the efficiency the way slips are utilized. In combination, these measures could bring attention to the issue of slip scarcity vs. the rate at which livery permits are issued, and could address problem statements 1, 2, and 4.

A9, C3, C4. Revisit regulations on issuing permits in combination with reconfiguring public slips and adding transient slips where it is convenient

Justification. Revisiting regulations on issuing permits could identify if the City of Destin was overissuing them to vessel operators. This could be an effective way to monitor the number of certain vessel classifications in the Harbor, especially livery and charter businesses that still have unused permits. Reconfiguring public slips could increase the efficiency the way slips are utilized. In relation to reconfiguring slips, adding transient slips in convenient locations could also improve efficiency dependent on slip usage. In combination, these measures could bring attention to the issue of slip scarcity vs. the rate at which livery permits are issued, and could address problem statements 1, 2, and 4.

B7. Conduct a comprehensive water quality study

Justification. A comprehensive water quality study could include a comprehensive hydrographic study that can be incorporated with how the pump operates. The study could look at water quality, the effects the pump may have on water quality, and how to optimize the pump usage by understanding how water circulates throughout the Harbor. Based on the results of a comprehensive water quality study, water quality could be improved in the Harbor, which could address one of the main goals of the study which is the protection of environmental health of the Harbor and surrounding waterways.

The initial array of recommendations was evaluated based on technical knowledge and team expertise. These recommendations were weighted against the evaluation of screening criteria, which included:

- if the recommendation addressed the problem statements.
- if the recommendation stays within the constraints.

- if the recommendation satisfies the P&G criteria.
- if the recommendation had a higher rough order of magnitude (ROM) cost when compared relatively to other recommendations.
- if the recommendation had higher negative environmental effects when compared relatively to other recommendations.

9.2 Final Array Recommendations

The final array of recommendations is explained in-depth below: The initial array of recommendations was evaluated based on technical knowledge and team expertise. These recommendations were weighted against the evaluation of screening criteria, which included:

- if the recommendation addressed the problem statements.
- if the recommendation stays within the constraints.
- if the recommendation satisfies the P&G criteria.
- if the recommendation had a higher rough order of magnitude (ROM) cost when compared relatively to other recommendations.
- if the recommendation had higher negative environmental effects when compared relatively to other recommendations.

The final array of recommendations is explained in-depth below:

9.2.1 Recommendations Regarding Objective 1) Safety and Enjoyment of Local Waterways

1. A1. Install better defined channel markers equipped with “NO MOORAGE” signs

Background. Summer field observation indicated a clear hotspot of vessel traffic congestion located at the Harbor entrance. The constant congestion included all types of vessels with various dimension and draft requirements. This led to issues such as jet ski overtopping, where a large vessel not abiding by the "No Wake" signage creates a large wake and causes a launching jet ski to lose balance. There was also observed confusion, lack of knowledge, and/or disregard for right-of-way rules. Jet skis launching at the Harbor entrance exacerbate the congestion, prohibiting other vessel operators' access to the Harbor. In addition to field observations, 44% of survey respondents indicated that they deliberately avoid certain locations in the Destin Harbor or surrounding waterways because of other vessels or watercrafts. Crab Island was one of the most avoided areas according to 52% of survey results. Additionally, 45% of respondents indicated that they felt unsafe due to other vessels and watercrafts in certain locations in the Destin Harbor and surrounding waterways. The areas with the highest negative responses were the entrance, or mouth, of the Harbor and Crab Island. Further supportive evidence was gathered during focus group discussions in Destin, where safety was highlighted repeatedly as the main concern in and around the entrance of the Harbor due to overcrowding and a lack of understanding how to navigate the channel.

Description: Recommend that channel markers be placed on the side of the East Pass bridge to guide marine traffic. Lanes could be clearly labeled to improve understanding. Channel markers could be divided out under the bridge for a non-motorized channel starting on the far right because this area has the shallowest draft, small vessel lane to the left, and a channel marker to indicate deepest draft for largest vessels entering under the center of the bridge. Signs may delineate usage based on vessel dimensions, but ultimately, without constant law enforcement presence, it must be a vessel operator's call to follow signage. Channel markers may also be placed around the mouth of the Harbor near Norriego Point in obvious, visible locations to guide marine traffic and alleviate congestion/avoid collisions. Markers may be placed on Norriego Point to guide vessels entering and exiting East Pass, to position vessels to enter/exit the Harbor, and to traverse under the bridge. These markers could be standard US Coastguard red or green signs. All channel markers may include "NO MOORAGE" signage. Anticipated benefits may include traffic congestion alleviation, reduced number of collisions at the Harbor entrance, and an increased understanding of navigational aids to improve safety. Recommendation supports the City of Destin's Objectives 1) Safety and Enjoyment of Local Waterways and 3) Economic Development of Businesses Operating Along the Harbor.

2. A10, A3. Regulate livery vessel traffic operations to ensure each livery vessel is properly registered. Concurrently identify pre-existing, appropriate City Action Plans to leverage and promote the shuttling of visitors to primary destinations around the Harbor via water taxis and/or tour vessels as an alternative to livery vessels.

Background. According to observations from the field, livery vessels were consistently the most counted vessels moving through the Harbor for every weekend other than holidays. Livery pontoons comprised 26.4% of vessel congestion overall once data was interpolated. Livery pontoon vessels accounted for the most entry/exit totals on non-holiday weekdays and non-holiday weekends which amounted to 61% of the total days in the field. Focus group participants stated that there are livery pontoon vendors who originate from other parts of the County that access the harbor further, adding to the livery pontoon traffic. Without proper regulation and monitoring of livery vessel traffic it is likely that livery pontoons from other locations would continue to contribute to traffic congestion. Some respondents also shared that a clear negative change in the Destin Harbor in the last 3 years is due to an increase in overall livery vessel presence; a combined 69.9% of respondents indicated that they felt either "extremely crowded" or "moderately crowded" by the number of vessels in the Harbor on any given day over the summer of 2022. In addition to the safety concerns associated with the sheer number of livery pontoons in the Harbor, vessel operators may not have adequate boating experience, as recognized during field observation, in survey results, and as a key theme from focus group discussions. Destin Harbor also lacks a Harbor Master to enforce State and local regulations regarding the Harbor and watercrafts that traverse it. The absence of a Harbor Master or consistent reinforcement to oversee Destin Harbor exacerbates the pre-existing concerns.

Description. Recommend promoting water taxis to shuttle folks out to primary destinations around the Harbor to decrease the number of livery pontoons causing congestion. The regulation of livery vessel traffic operations should include ensuring each vessel is properly registered to enforce responsible usage and safety on the water. To do so, it is suggested to develop a centralized database and a database management plan to track the number of permits registered and improve data gaps in the total number of permits available. Once baseline data is collected and analyzed, the City of Destin could collaborate with law enforcement to regulate liver vessel traffic operations. Concurrently, the City of Destin could identify appropriate, pre-existing Action plans and documents to incorporate language regarding visitor shuttling to disseminate information to the public. Using the City’s existing Action Plans to promote shuttle services could lead to anticipated benefits such as less livery traffic in the Harbor, which could alleviate congestion and encourage the use of more experienced vessel operators such as U.S. Coast Guard certified operators. Shuttling may indirectly alleviate the burden on the recreator as well. Recommendation supports the City of Destin’s Objective 1) Safety and Enjoyment of Local Waterways.

3. A9, A10. Revisit regulations on issuing vessel permits to minimize over issuance, in combination with regulating livery vessel traffic operations to ensure each livery vessel is properly registered.

Background. After informal discussion with Harborwalk visitors, recreators, and business owners, it was suggested that livery permit over issuance may be present in Destin Harbor. Observations from the field revealed a considerable number of livery vessels moving through the Harbor, supported by the fact that livery vessels made most of the total vessel traffic from the entire summer. In addition to revisiting regulation policy, a discussion with law enforcement unveiled a potential opportunity to regulate traffic operations to ensure livery vessels are properly registered.

Description. Recommend revisiting regulations on issuing permits to identify if and where permits may be overissued, especially for businesses that still have unused permits. This may lead to capping the number of permits available. The regulation of livery vessel traffic operations could ensure that each vessel is properly registered. Please see Recommendation #2 for more information on regulating livery vessel traffic operations. Anticipated benefits include avoiding overissuing permits with the larger goal of alleviating unnecessary congestion in the Harbor. Additional benefits may also be realized by improving overall Harbor management. Recommendation addresses the City of Destin’s Objective 1) Safety and Enjoyment of Local Waterways.

4. A1, A6, A7. Install better defined channel markers equipped with “NO MOORAGE” signs, in combination with the creation of a Destin safety video to cover boating, traffic safety, and boating under the influence, in combination with an increase in law enforcement presence to avoid BUIs on vessels and jet skis.

Background. See Recommendation A1 for more background information on the suggestion of better-defined channel markers. Summer data observation and discussion with livery business employees show that there is an existing Destin-specific safety video shown before recreators can use livery vessels. The video content is up to date, although the method of delivery and implementation needs improvement, both by individual livery businesses and collectively in Destin, to ensure understanding of safety and livery vessel usage in and around the Harbor. Focus group discussions also noted that the City of Destin’s Community Redevelopment Agency has inquired about safety classes although nothing has come to fruition. When asked how the most previous trip compared to other boating experiences in the Harbor, a combined 37.8% of survey respondents indicated that boating safety had gotten “worse” or “much worse.” A meeting with law enforcement conducted in the summer indicated that there is a lack of resources and manpower to properly enforce boating laws.

Description. Recommend that channel markers be placed on the side of the East Pass bridge to guide marine traffic. See Recommendation A1 for a more detailed description. The creation of a Destin safety video could cover basic boating safety, how to interpret channel markers and marine signage, the importance of sober boating, and the consequences of boating under the influence. The purpose of an implementation strategy is to ensure that viewers find meaningful value in the video before getting in the water. Increased law enforcement presence could include more agents monitoring the waterways, especially in congested areas and during busy times. Anticipated benefits may include traffic congestion alleviation, reduced number of collisions at the Harbor entrance, and an increased understanding of navigational aids to improve safety. Recommendation supports the City of Destin’s Objective 1) Safety and Enjoyment of Local Waterways.

5. A6, B8. Create a Destin safety video and implementation strategy to cover boating, traffic safety, and boating under the influence, in combination with the Coast Guard Auxiliary/Nonprofits conducting vessel inspection trainings.

Background. Summer data observation and discussion with livery business employees show that there is an existing Destin-specific safety video shown before recreators can use livery vessels. See Recommendation #4 for more information on creating a Destin safety video. The need for the Coast Guard (CG) Auxiliary/Nonprofits to conduct vessel inspection training stems from field observation and survey results that show 64.9% of respondents are extremely concerned with the impact that littering has on the Destin Harbor and surrounding waterways. When asked about potential negative actions observed in the Harbor, many respondents pointed to littering and pollution as the most observed harmful actions.

Description. See Recommendation #4 for a detailed description of a Destin safety video. Vessel inspection training could be led by a volunteer-based task force to educate people on the environmental considerations associated with boating, anything from littering to handling oil spills to checking for invasive species on a vessel. In

addition to a video addressing safety, the combined efforts of the Coast Guard Auxiliary/Nonprofits may work to improve marine education and responsible boating. Expected benefits of this recommendation may ensure vessel operators know the basic rules of the water and encourage sobriety and safety when operating a vessel. Additionally, centralizing the current video delivery process may improve safety. For example, using a pop-up tent on the Harborwalk to show the video in a dim and quiet space to then be used as a ticket to rent a livery vessel may be a viable option. Expected benefits of vessel inspection trainings by the CG Auxiliary and/or Nonprofits may encourage outreach and education to recreators on the Harbor, with a targeted environmental component. This recommendation addresses the City of Destin's Objectives 1) Safety and Enjoyment of Local Waterways and 2) Environmental Health of the Harbor and Surrounding Waterways by uniting livery businesses for a quicker implementation than what may come from direct policy to improve safety or water quality data collection to encourage environmental awareness.

9.2.2 Recommendations Regarding Objective 2) Environmental Health of the Harbor and Supporting Waterways

6. B9. Incorporate a more robust water quality monitoring system in the Harbor.

Background. Survey results indicate that 21% of respondents' perception of water quality in the Destin Harbor is poor or very poor. Water quality monitoring is currently performed by a local non-profit organization, the Choctawhatchee Basin Alliance. The Alliance provided USACE a time series of approximately 20 years' worth of water quality data during data collection. An examination of the sample frequency and locations showed that the data appeared to be collected in accordance with available EPA public guidance for volunteer estuary monitoring programs (EPA and Ocean Conservancy, 2006). This sampling was limited to two discrete locations in the harbor. Sampling was limited to approximately once a month. These limitations result in water quality data that are not representative of the Harbor waters. A review of this data did identify discrete periods of suboptimal water quality at the sampled locations and times.

Description. A comprehensive water quality monitoring system could provide a more robust, long term sampling framework plan for water quality data. Pinellas County is a coastal Florida county that has implemented a similar program (Janicki Environmental, Inc, 2003). This system could be staffed by trained City personnel. The increased resources afforded by the City of Destin could allow for randomized sampling locations and times. This randomized sampling is required to accurately characterize the sampled population, the Harbor waters (Helsel, 2020). It could also allow for sampling discrete events such as flowing outfalls or post-storm sampling. The combination of robust and flexible sampling could provide greater resolution to aid in the identification of discharges' shoreline locations (Overton, 1990). Recommendation supports the City of Destin's Objective 2) Environmental Health of the Harbor and Supporting Waterways.

7. B10. Conduct a hydrographic study to optimize pump usage.

Background. Survey results indicate that 21% of respondents' perception of water quality in the Destin Harbor is poor or very poor. There is currently an operational pump that allows for the exchange of water between the Gulf and Harbor. The pump's actions are likely to affect the circulation of Harbor waters that could otherwise likely be primarily tidally driven. Current operation of the pump is based on meeting qualitative water quality targets.

Description. A hydrographic study, or flushing study, could model the circulation of seawater in the Harbor basin. This study could include periods of time where the pump was not engaged, as well as periods where the pump was operational. This could provide an understanding of the effects of the pump on the Harbor waters' circulation. This information could allow pump operators to more efficiently and effectively utilize the pump to improve water quality in the Harbor. Recommendation supports the City of Destin's Objective 3) Environmental Health of the Harbor and Supporting Waterways.

8. B11. Study the current effectiveness of the pump system to gather baseline data that could then inform decisions regarding changes to the pump system and its operations.

Background. There is currently an operational pump that allows for the exchange of water between the Gulf and Harbor. Current operation of the pump is based on meeting qualitative water quality targets. The pump's actions are likely to affect the water quality of Harbor waters.

Description. Conduct a water quality study to obtain baseline, with and without the pump water quality data. This data could provide an understanding of the effects of the pump on the quality of the Harbor waters. This information could allow pump operators to more efficiently and effectively utilize the pump to improve water quality in the Harbor. Recommendation supports the City of Destin's Objective 3) Environmental Health of the Harbor and Supporting Waterways.

9. B7. Conduct a comprehensive water quality study (CWQS), including a hydrographic flow study on the pump, to provide baseline data and optimize pump usage.

Background. Water quality data provided by the City of Destin proved insufficient to make operation decisions (see Recommendation #6 for more detailed background information). Focus group discussions offered anecdotal evidence that water quality has decreased in the Harbor around Norriego Point, noting that some people litter in the area and use the bathroom in the water or dunes. . According to the focus group discussions, the water quality within the Harbor is beautiful when the pump is running and less so when it is not being run.

Description. Recommend a comprehensive water quality study to be conducted based on field observation, focus group themes, and data from the field. This recommendation is a combination of the previous three (Recommendation #6, #7, and #8). The purpose providing both is so that the City of Destin can decide what is feasibly now, and implement individual, actionable recommendations where appropriate. This type of plan formulation is standard and is in place so that the City of Destin can take appropriate action ranging from small scale to robust recommendations. A CWQS could be comprised of many measures. A hydrographic flow study could be incorporated into how the pump operates to understand how water moves through the Harbor. The hydrographic study could look specifically at WQ, how the pump affects it, and eventually see how to optimize pump usage by understanding how water circulates. Repairs, rehabilitation, and replacement of pump system could also be combined into a comprehensive water quality study that measures the current effectiveness of the pump. This could provide a baseline upon which to build any recommendation regarding changes to the current pump system or its operation. Expected benefits could include consistent, regularly updated, and comprehensive dataset to allow operational decision making and improved water quality. Indirect benefits could be realized through higher quality recreation and therefore economic development under the assumption that better water quality may have a positive correlation with more tourism. This recommendation addresses the City of Destin's Objectives 2) Environmental Health of the Harbor and Surrounding Waterways and 3) Economic Development of Businesses Operating Along the Harbor.

9.2.3 Recommendations Regarding Objective 3) Economic Development of Businesses Operating Along the Harbor

10. C5. Optimize slip configurations in the Harbor based on user demand and improving slip usage efficiency.

Background. Inconsistent slip usage was observed during summer data collection (refer to Appendix 2: Field Photos and Section 6.0 Harbor Carrying Capacity), and summer data collection shows that livery pontoons and private vessels cause the most traffic in Destin Harbor. Currently, there are mixed-use slippage areas in Destin Harbor which cause traffic due to different vessel sizes with various drafts traversing the Harbor at once. However, redesignating individual slips is a property owner-driven process and is currently not possible under the City of Destin's authority. Traffic congestion leads to high slip usage in the Harbor; in fact, 21.4% of respondents indicated that pontoon vessels were the most used vessel type during their most recent visit. Many pontoon vessels were observed with up to four vessels in one slip that had been designed for a single, large vessel. Also, observed vessels parked in transient (noted by signage) slips and stayed for >6 hours, which is against City protocol. Observations and focus group discussions indicate a lack of enforcement measures that could be used as an opportunity to improve current slip usage. This observed slip misuse causes for more vessels in the Destin Harbor than expected.

Description. Efficient slip reconfiguration would not only minimize the amount of congestion that vessel operators experience in the Harbor, but reconfiguration also has the potential to allow more vessels to dock and enjoy the Harborwalk. There are two ways to reconfigure existing slips: by 1) length overall (LOA) or by 2) vessel activity. General recommendation supports the City of Destin's Objectives 1) Safety and Enjoyment of Local Waterways and 3) Economic Development of Businesses Operating Along the Harbor.

- 1) **Length Overall (LOA).** As stated, a safety concern that was continuously observed in and around the Harbor was the interaction between vessels of all sizes, lengths, wakes, etc. traversing the Harbor. Reconfiguring existing slips by LOA would categorize similar-sized vessels together. Although data was not collected on vessel LOA over the summer because it was outside the scope of a carrying capacity PAS, comparisons can be drawn from other Harbors that have successfully used vessel LOA as a basis for slip configuration.
- 2) **Vessel Activity.** Reconfiguring slips based on vessel activity is an alternative option. Rearranging slips in this way would optimize efficiency by placing certain vessel types (i.e., livery, personal, jet skis) in their respective sections. Designating certain slippage areas by usage may minimize the opportunity for collision and therefore lead to a safer Harbor. Better slip usage and zoning could also benefit enforcement officers. For example, an officer could be assigned to monitor a certain usage area, or an officer could be assigned to monitor public/private slip area. Currently, mixed-use slips increase time by having enforcement (if enforcement is occurring) determine what vessel could be in what area and how long they have been in that area. It cannot be ignored that by grouping vessels by activity, unnecessary tension between competing businesses in the Harborwalk area may develop (i.e. all livery vessel business would be grouped together).

11. C7. Implement Comprehensive Parking Strategies to reassess existing parking lot usage to optimize current available parking.

Background. Field observation and overwhelming public feedback from focus groups emphasized that targeted public and private parking lots were consistently overcapacity. Parking was consistently above 70% occupancy during 12PM and 6PM throughout the summer (see Section 6.6 for more detailed information). Major parking issues occur when cars parking in private area stay over the allotted time because there isn't a clear time limit nor law enforcement on parking. Also, some private entities only allow customer parking, which creates inefficient use of parking. Additionally, traffic congestion detracts from recreational experience and becomes a safety issue. The Destin Harbor Master Plan Sasaki Report (1998) provided multiple recommendations including, "creat[ing] a TranDestin Authority to operate a transit system, develop[ing] an on-demand, computer commuter system, require[ing] future garages to be in mixed use structures, centrally locate new garages to allow for pedestrian access and expand the

on-street parking” (Sasaki, 1998). The purpose of this recommendation is to glean implementable strategies from this report in combination with suggestions developed based on field observation, data collection, and stakeholder feedback.

Description. A Comprehensive Parking Strategy could include a list of sub-recommendations specific to Destin parking. Strategy development could analyze current issues of inconsistent parking management between public and private lots and address the Harbor 's current and future parking needs. Comprehensive parking strategies could lay out options that may address the issues observed from summer data collection. Options may include using trolleys to shuttle people to the Harbor District, designate parking lots for certain usages and certain times, and/or pay-to-park mechanisms. Efficient parking is integral to maintaining a usable Harbor. These strategies could be used to inform decision making on future parking lot ownership and maintenance. If all private entities were on one accord with paid parking, efficiency could be increased. With this implementation there would need to be mall-style parking with enforcement monitoring private entities' parking area. Transit system could allow for parking to be nearby, reducing traffic on US-98. Garages, computer commuter system, and central locations of those garages all provide further relief to the current parking problem. Expected benefits of the comprehensive parking strategies may include offering the City of Destin targeted and specific options to minimize overcapacity parking and improve parking efficiency. Strategies are also intended to be used to inform decision making on future parking lot ownership and maintenance. Recommendation supports the City of Destin's Objectives 1) Safety and Enjoyment of Local Waterways and 3) Economic Development of Businesses Operating Along the Harbor.

12. Multi-Objective Recommendation: Navigational Improvements Investigation Under Continuing Authorities Program

Description: This recommendation cuts across all three strategic objectives of public safety, environmental health and economic development of the study area. Throughout this technical assistance study, measures of navigational improvements were raised during public meetings and throughout the planning process. It was communicated that further investigation is required for alterations to the existing navigation channel. Under the Continuing Authorities Program (CAP) USACE is authorized to plan, design, and construct small scale projects under existing project authority from Congress. Local governments and agencies seeking assistance may request USACE to investigate potential water resources issues that may fit a particular authority. A CAP project is conducted in two phases: a feasibility phase and a design and implementation phase. These two phases are cost-shared between the federal government and the City of Destin. The maximum federal limit is \$10 million per project

The Section 107 Small Navigation Improvements of the Rivers and Harbors Act of 1960, as amended, is the authority that allows USACE to plan, design and construct small projects for commercial navigation purposes such as channels, breakwaters, and jetties

to ensure safe and efficient use of the nation’s navigable waterways. Pursuing the CAP Section 107 is recommended to the City of Destin

10.0 Conclusion

This carrying capacity study identifies the carrying capacity of Destin Harbor, outlines the existing and future use of Destin Harbor, and develops recommendations to support local government decision making towards its strategic objectives.

The carrying capacity analysis findings suggest that Destin Harbor and surrounding waterways have either reached or exceeded the carrying capacities under spatial, social, and facilities perspectives. Furthermore, the findings highlighted factors that were not clearly captured in the data collection but have impacts on the quality and efficiencies of recreation activities in and around Destin Harbor:

1. Harbor slip occupancy does not consider maneuverability difficulties accessing the slips as a result of crowding by mixed-sized vessel traffic congestion along the Harbor channel or in the marinas themselves.
2. Several restaurants and tour businesses collectively staff their parking lots to regulate and deter non-patron parking. This practice contributes to the parking lot carrying capacity maintaining an average 80% capacity. An argument can be made that while vehicle parking carrying capacity is not reached, there may be Harbor users in vehicles that are displaced or may be deterred from the harbor.
3. Vehicle parking lots in some areas experience maneuverability challenges related to the lay out of the parking lot and terrain.

The above factors impact the quality and efficiencies of the existing facilities. It can be concluded that the carrying capacity is reached and expected to exceed capacities if usage conditions remain the same in the future.

The second charge of this study was the development of recommendations. This effort followed a rigorous, comprehensive approach under the six planning steps. One of the 12 recommendations is for the City of Destin to seek out the Continuing Authorities Program (CAP) Section 107 to investigate the feasibility of navigational improvements at Destin Harbor.

Final Recommendations

Objective 1: Promote Safety and Enjoyment of Local Waterways

1. **A1.** Install better defined channel markers equipped with “NO MOORAGE” signs.
2. **A10, A3.** Regulate livery vessel traffic operations to ensure each livery vessel is properly registered. Concurrently identify pre-existing, appropriate City Action Plans to

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leverage and promote the shuttling of visitors to primary destinations around the Harbor via water taxis and/or tour vessels as an alternative to livery vessels.

3. A9, A10. Revisit regulations on issuing vessel permits to minimize over issuance, in combination with regulating livery vessel traffic operations to ensure each livery vessel is properly registered.

4. A1, A6, A7. Install better defined channel markers equipped with “NO MOORAGE” signs, in combination with the creation of a Destin safety video to cover boating, traffic safety, and boating under the influence, in combination with an increase in law enforcement presence to avoid BUIs on vessels and jet skis.

5. A6, B8. Create a Destin safety video and implementation strategy to cover boating, traffic safety, and boating under the influence, in combination with the Coast Guard Auxiliary/Nonprofits conducting vessel inspection trainings.

Objective 2: Promote Environmental Health of Harbor and Surrounding Waterways

6. B9. Incorporate a more robust water quality monitoring system in the Harbor.

7. B10. Conduct a hydrographic study to optimize pump usage.

8. B11. Study the current effectiveness of the pump system to gather baseline data that could then inform decisions regarding changes to the pump system and its operations.

9. B7. Conduct a comprehensive water quality study (CWQS), including a hydrographic flow study on the pump, to provide baseline data and optimize pump usage.

Objective 3: Promote Economic Development of Businesses Operating Along the Harbor

10. C5. Optimize slip configurations in the Harbor based on user demand and improving slip usage efficiency.

11. C7. Implement Comprehensive Parking Strategies to reassess existing parking lot usage to optimize current available parking.

12. Multi-objective: Navigational Improvements Investigation Under Continuing Authorities Program

11.0 References

- Asplund, T. R. (2000). *The effects of motorized watercraft on aquatic ecosystems*. Madison: Wisconsin DNR.
- Choctawhatchee Basin Alliance. (2022, October 25). Historical Water Quality Data. *Personal Communication*. Santa Rosa Beach, FL.
- City of Destin. (2022, November 4). *History of Destin*. Retrieved from City of Destin Florida: <https://www.cityofdestin.com/119/History-of-Destin>
- City of Destin Public Works. (2022, October 18). *Personal Communication*.
- EPA and Ocean Conservancy. (2006). *Volunteer Estuary Monitoring A Methods Manual*. Washington D.C.: EPA.
- Florida Department of Environmental Protection. (2020). *Strategic Beach Management Plan*. Tallahassee: FDEP.
- Haas, G., Aukerman, Grizzle, V., Jackson, J., 2011. *Water and Land Recreation Opportunity Spectrum Handbook*. 2nd Edition. United States Department of Interior, Bureau of Reclamation, Program and Administration, Denver Federal Center, Denver, Colorado
- Harbuck, T. (2016). Destin Boasts Largest Fleet in North America. Retrieved November 15, 2022 <https://www.nwfdailynews.com/story/news/2016/05/28/destin-Harbor-boasts-largest-fleet-in-north-america/28414886007/>
- Helsel, D. R. (2020). *Statistical Methods in Water Resources*. Reston: USGS.
- Janicki Environmental, Inc. (2003). *A Design of a Surface Water Quality Monitoring Program for Pinellas County, Florida*. Clearwater: Pinellas Co. Dept. of Environmental Mgmt.
- Judnich, T. (2021, July 28). World's Luckiest Fishing Village: Multi-pronged Destin Harbor study could wrap up in '22. Northwest Florida Daily News <https://www.nwfdailynews.com/story/news/local/2021/07/28/destin-Harbor-s-environmental-public-safety-economic-health-study/8040254002/>
- National Park Service. (2022). *Crab Island Draft EA (Unpublished)*. NPS.
- NMFS. (2022, November 14). *NOAA Fisheries*. Retrieved from Essential Fish Habitat Mapper: https://www.habitat.noaa.gov/apps/efhmapper/?data_id=dataSource_1-17aaba05881-layer-6-EFH_1%3A3&page=page_1
- NMFS. (2022, July 26). *Why Is Submerged Aquatic Vegetation Designated As Essential Fish Habitat?* Retrieved from NOAA Fisheries: <https://www.fisheries.noaa.gov/southeast/habitat-conservation/why-submerged-aquatic-vegetation-designated-essential-fish-habitat>
- Overton, W. W. (1990). *Design report for EMAP: Environmental monitoring and assessment program*. Corvallis: EPA.
- Rains, S. (March, 2022). OCSO Marine Unit gears up for another busy season after record number of BUI arrests in 2021. Retrieved November 10, 2022 <https://www.nwfdailynews.com/story/news/local/2022/03/08/okaloosa-county-sheriff-office-cracking-down-boating-under-influence-arrests-2022-summer-season/9366945002/>

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FINAL REPORT

- Ruth, B., & Handley, L. (2002). *Seagrass status and trends in the Northern Gulf of Mexico*. USGS.
- U.S. Census Bureau. (2022, November 4). *City and Town Population Totals 2020-2021*. Retrieved from Census.gov: <https://www.census.gov/data/datasets/time-series/demo/popest/2020s-total-cities-and-towns.html>
- USFWS. (2022, November 14). *Explore location - Florida ESFO*. Retrieved from IPaC: <https://ipac.ecosphere.fws.gov/location/GVMVDDDBRZCXHPPVU6FJJSLMTA/resources>
- Williams, J. (2022). City of Destin rolls out new plan for livery vessels that fail to register before season deadline. Retrieved November 07, 2022, from <https://www.getthecoast.com/city-of-destin-rolls-out-new-plan-for-livery-vessels-that-fail-to-register-before-season-deadline/>
- Sasaki Report. (1998). *Destin Harbor Area Master Plan Destin, Florida Prepared by Sasaki Associates, Inc.* City of Destin



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Appendix 1: Economics

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This Economic Appendix includes bar graphs for each day of vessel count data recorded throughout the summer along with photos taken from different data collection trips. In addition, line graphs for total daily parking and total daily vessel slips show the trends for different days at different times for each trip. Below are graphs and pictures with descriptions to provide a full view of everything captured during data collection.

1.0 Daily Vessel Count Bar Graphs

Figure 1: May 27th Vessel Entry/Exit Totals

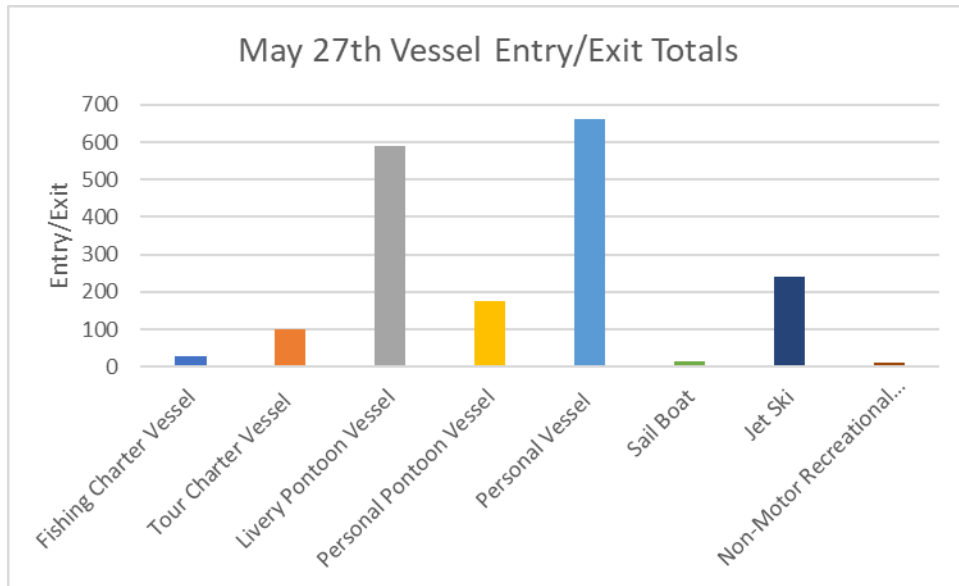


Figure 2: May 28th Vessel Entry/Exit Totals

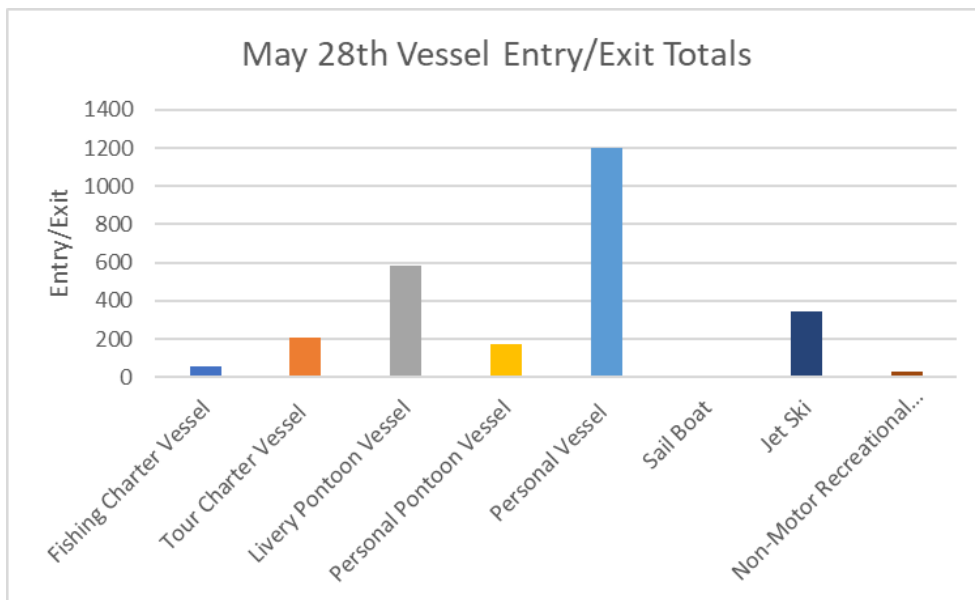


Figure 3: May 29th Vessel Entry/Exit Totals

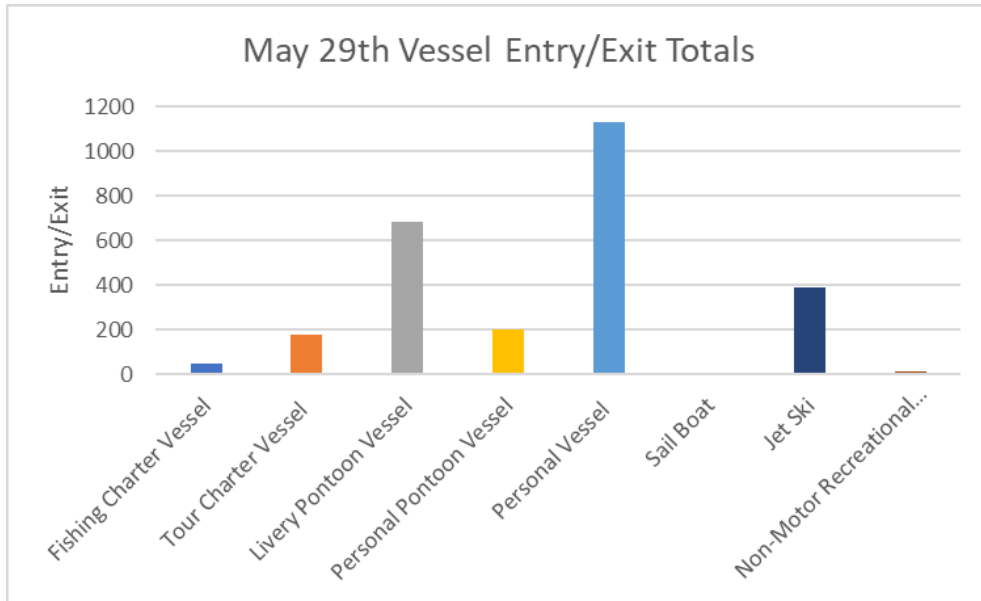


Figure 4: May 30th Vessel Entry/Exit Totals

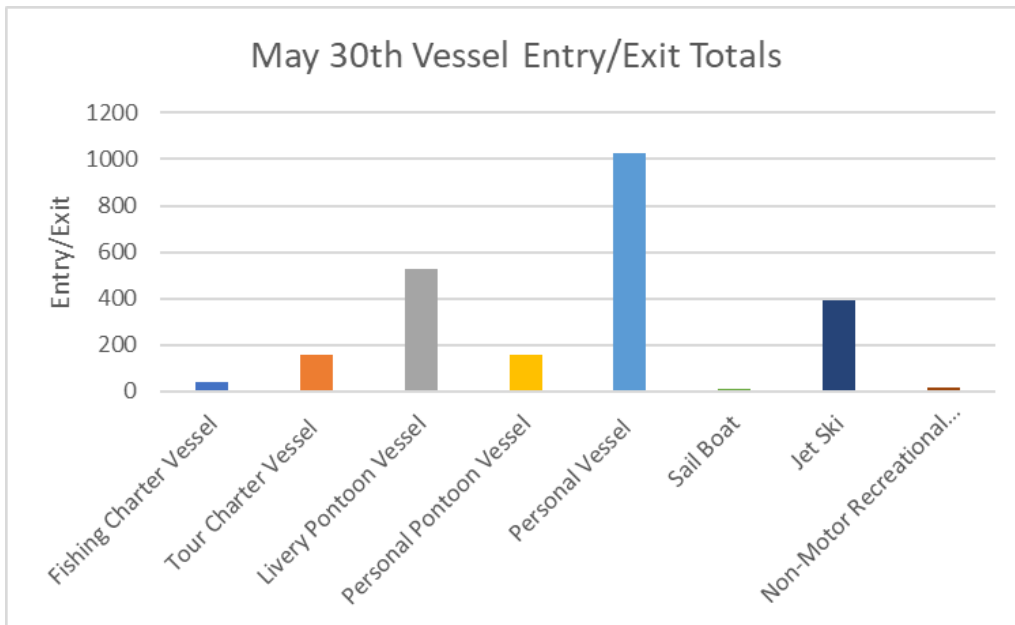


Figure 5: May 27th-30th Vessel Entry/Exit Trip Totals

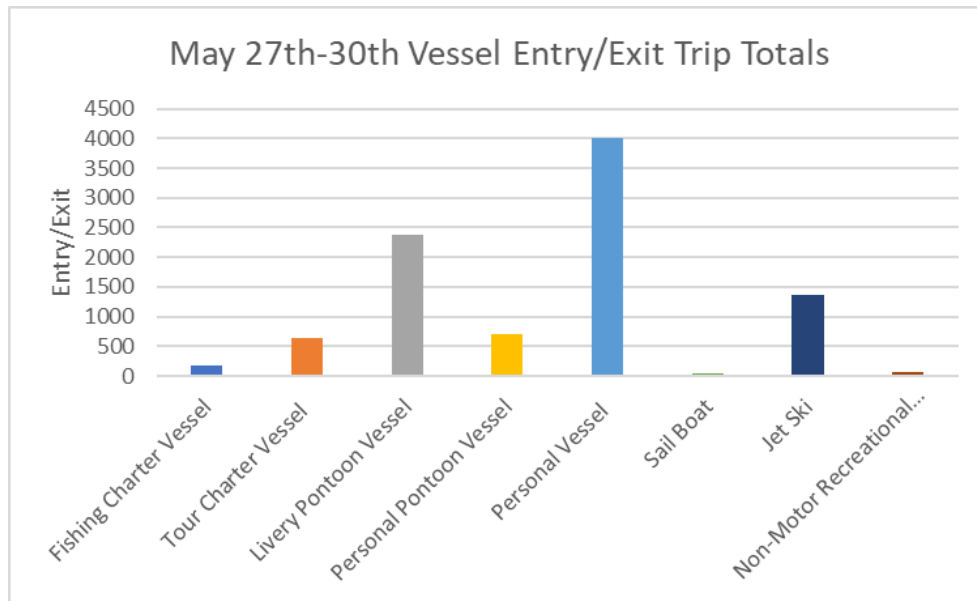


Figure 6: June 28th Vessel Entry/Exit Totals

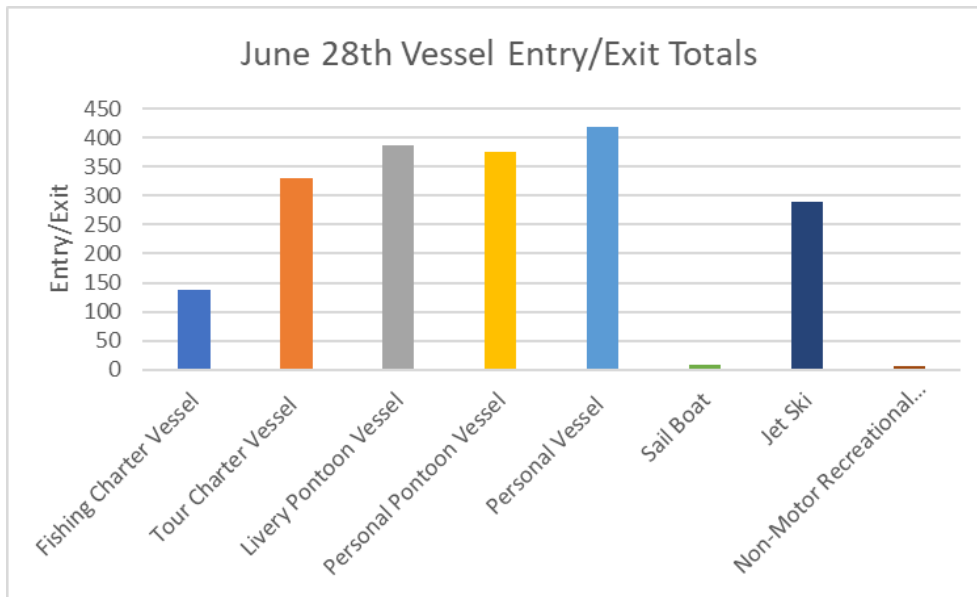


Figure 7: June 29th Vessel Entry/Exit Totals

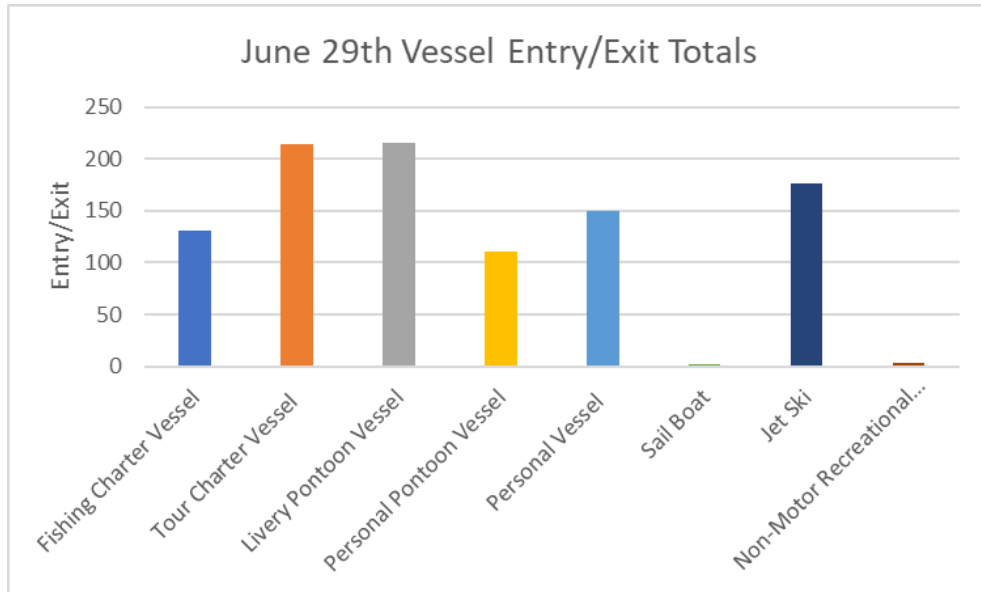


Figure 8: June 30th Vessel Entry/Exit Totals

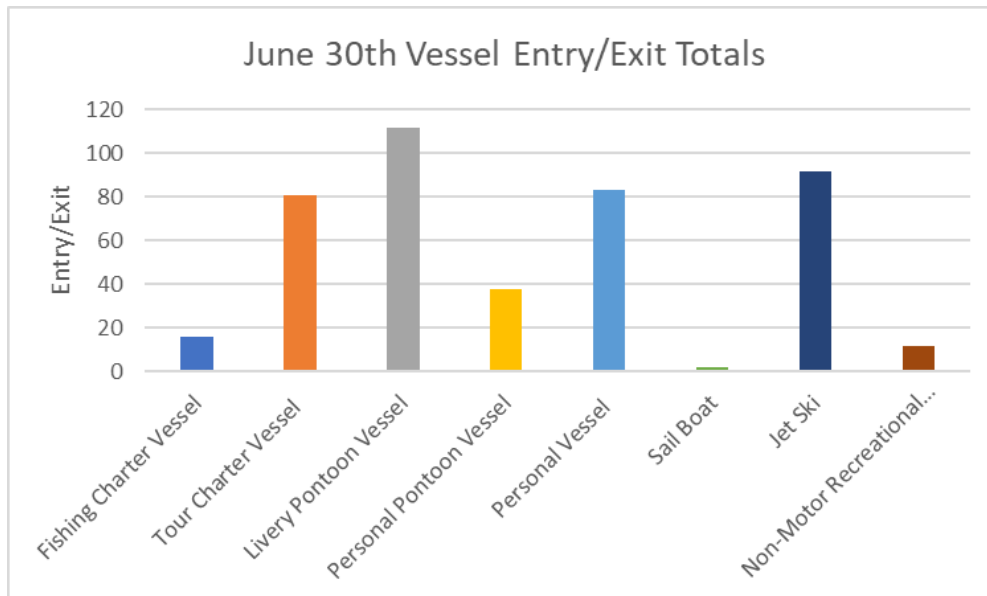


Figure 9: July 1st Vessel Entry/Exit Totals

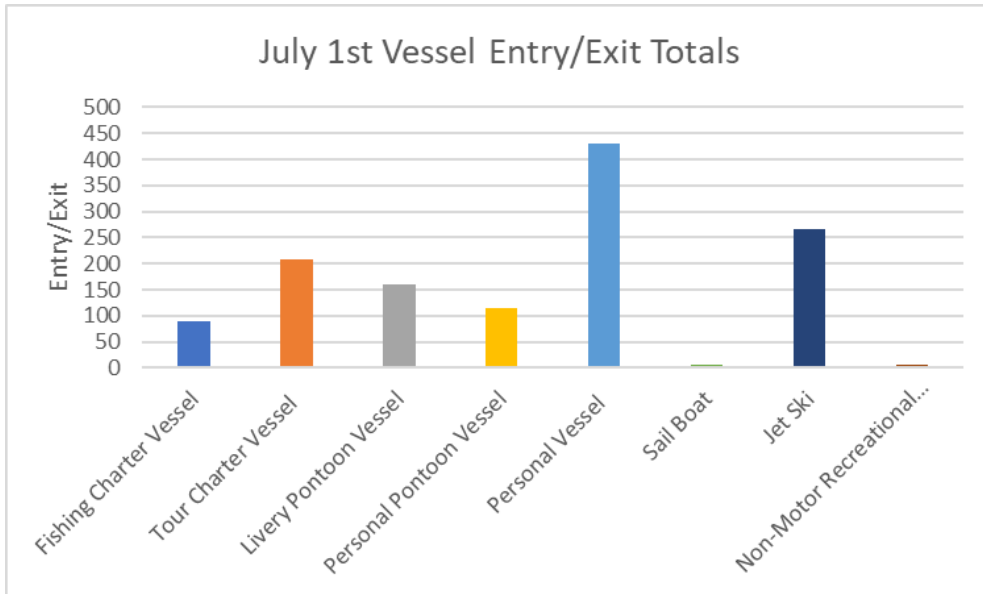


Figure 10: July 2nd Vessel Entry/Exit Totals

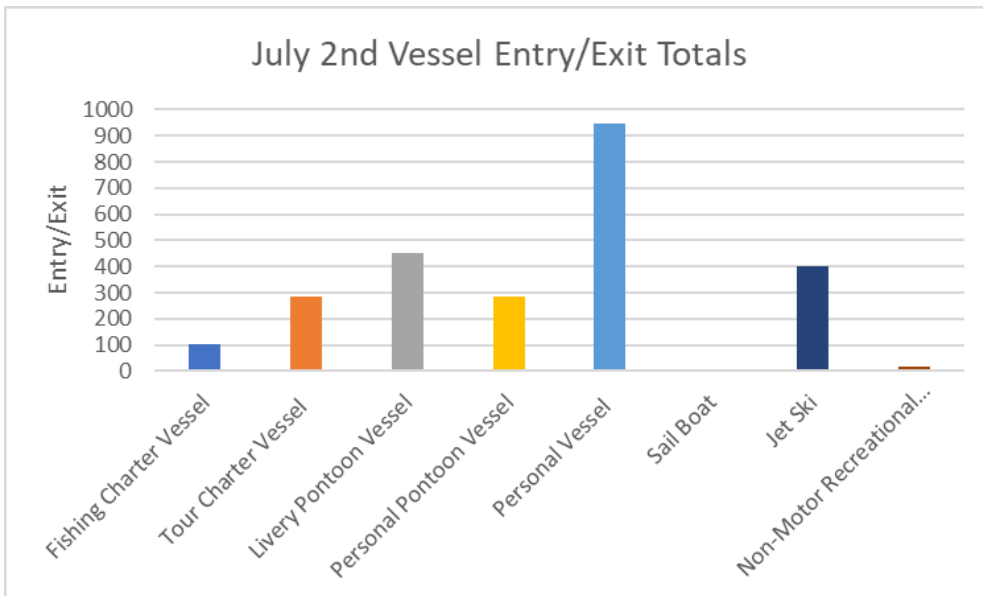


Figure 11: July 3rd Vessel Entry/Exit Totals

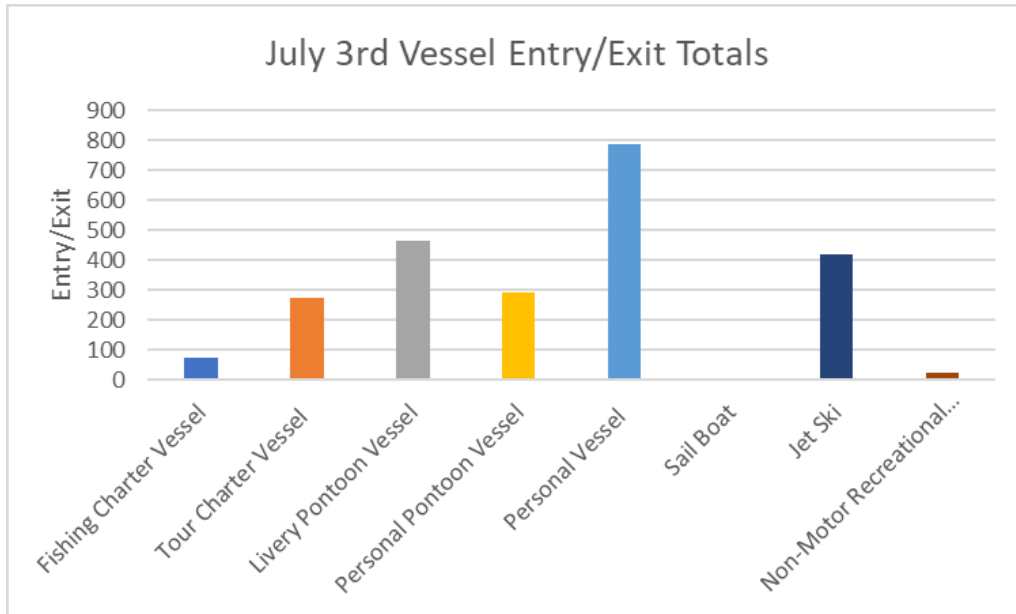


Figure 12: July 4th Vessel Entry/Exit Totals

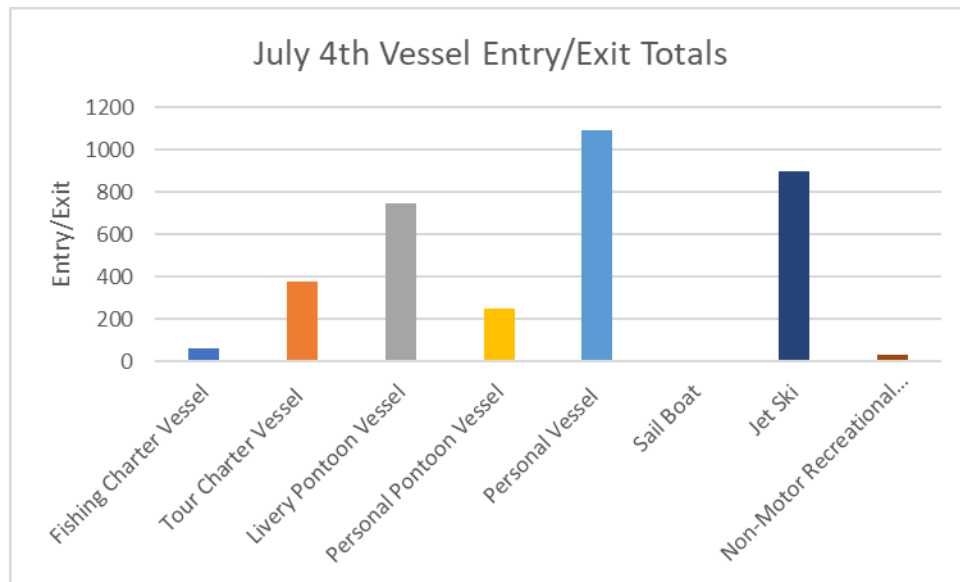


Figure 13: June 28th-July 4th Vessel Entry/Exit Trip Totals

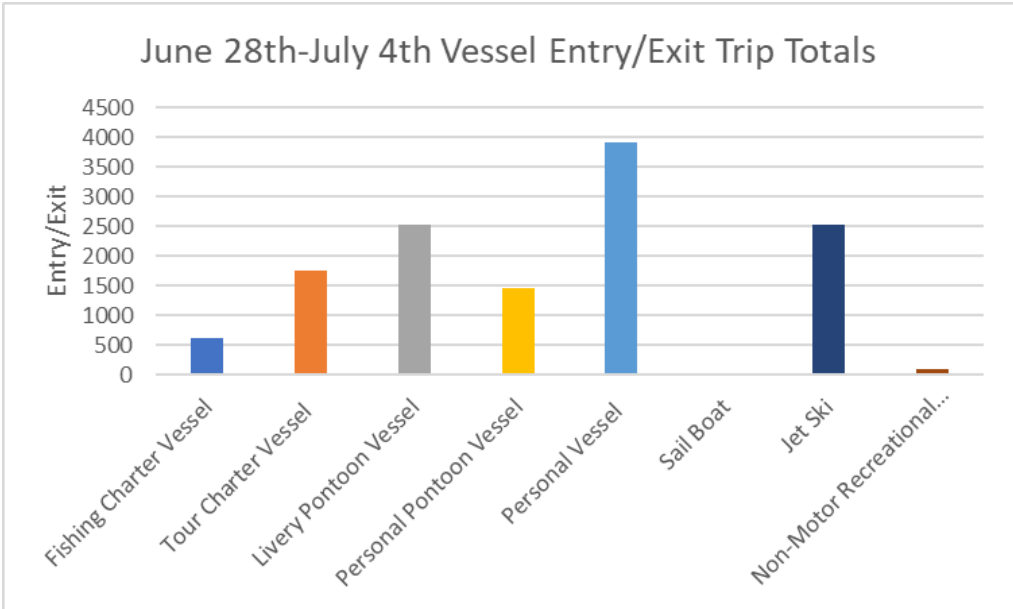


Figure 14: July 15th Vessel Entry/Exit Totals

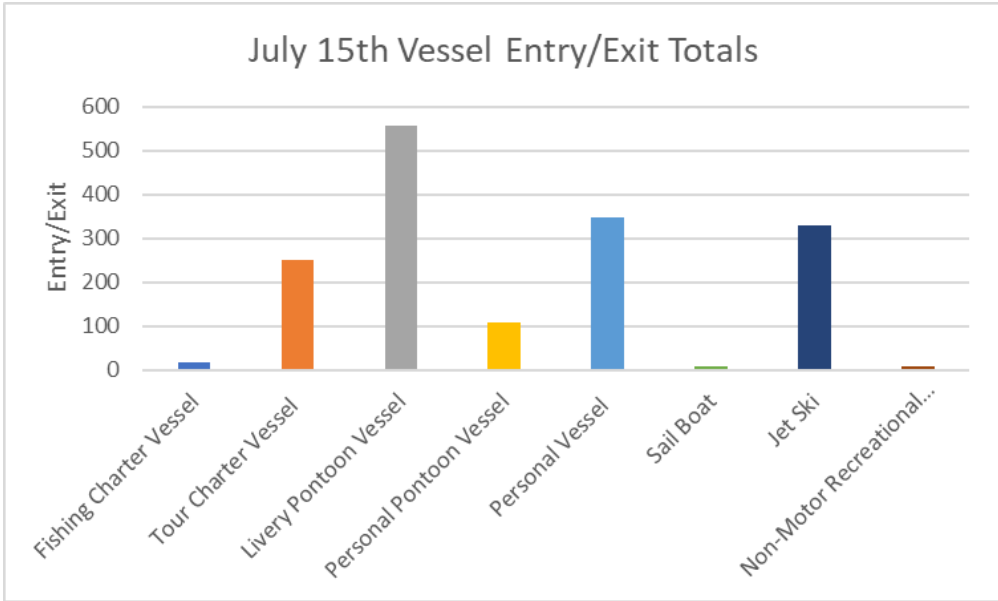


Figure 15: July 16th Vessel Entry/Exit Totals

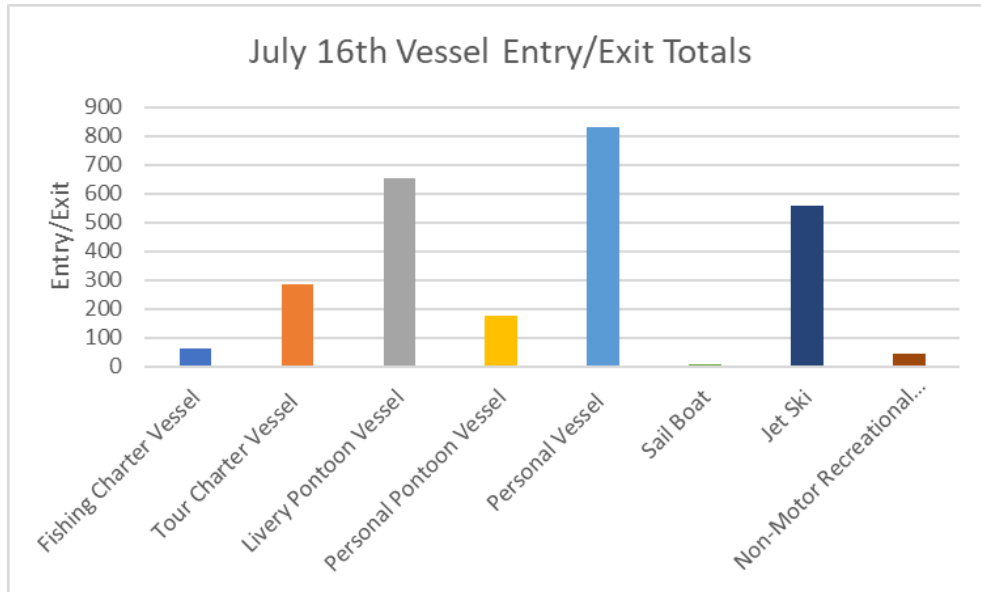


Figure 16: July 17th Vessel Entry/Exit Totals

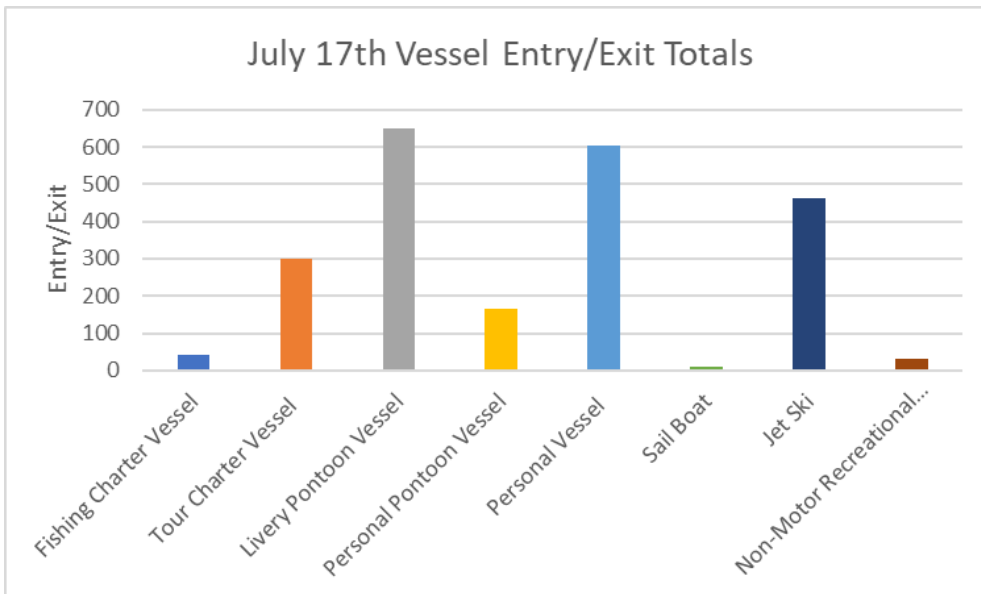


Figure 17: July 18th Vessel Entry/Exit Totals

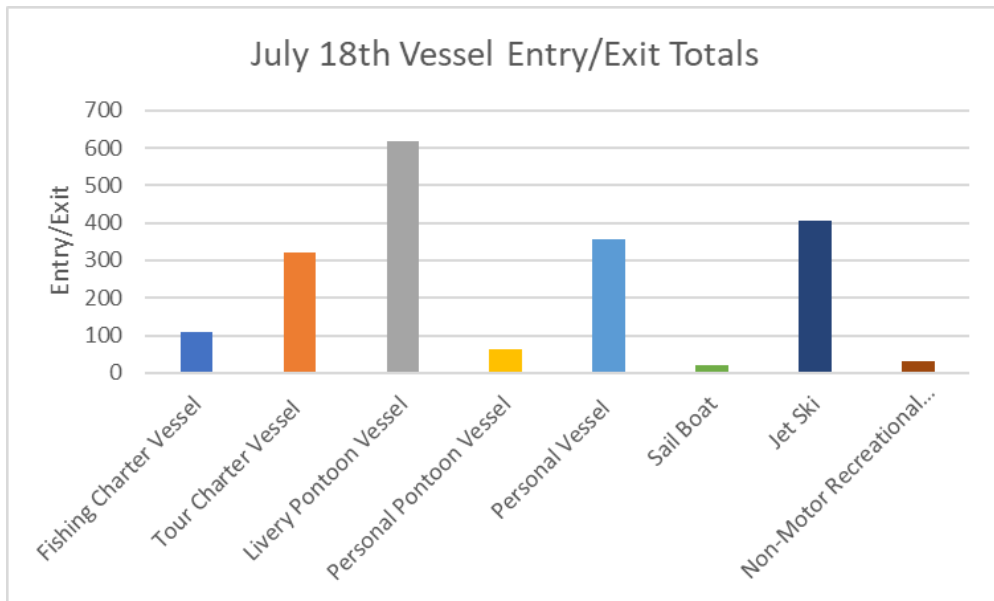


Figure 18: July 19th Vessel Entry/Exit Totals

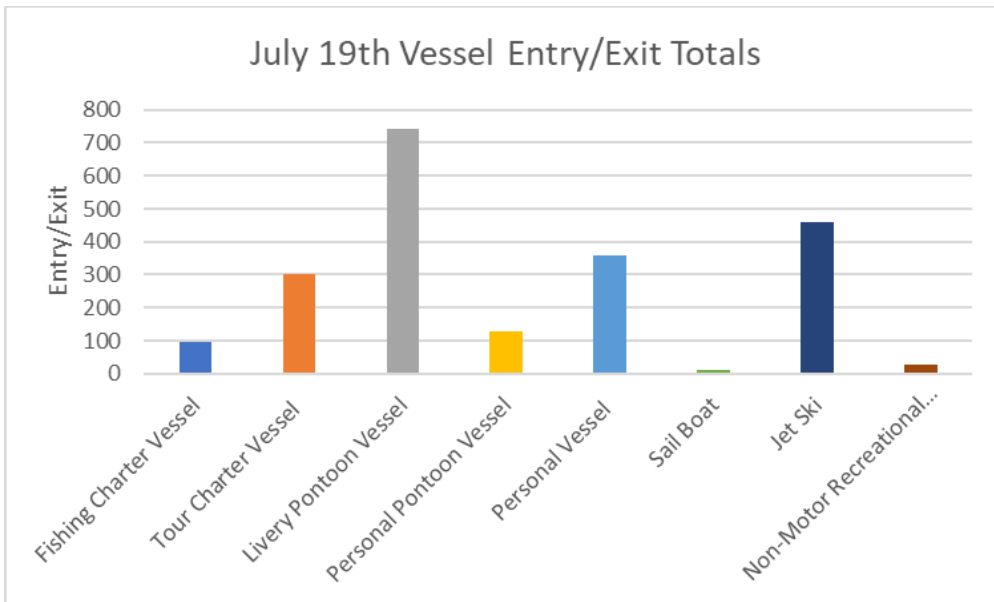


Figure 19: July 20th Vessel Entry/Exit Totals

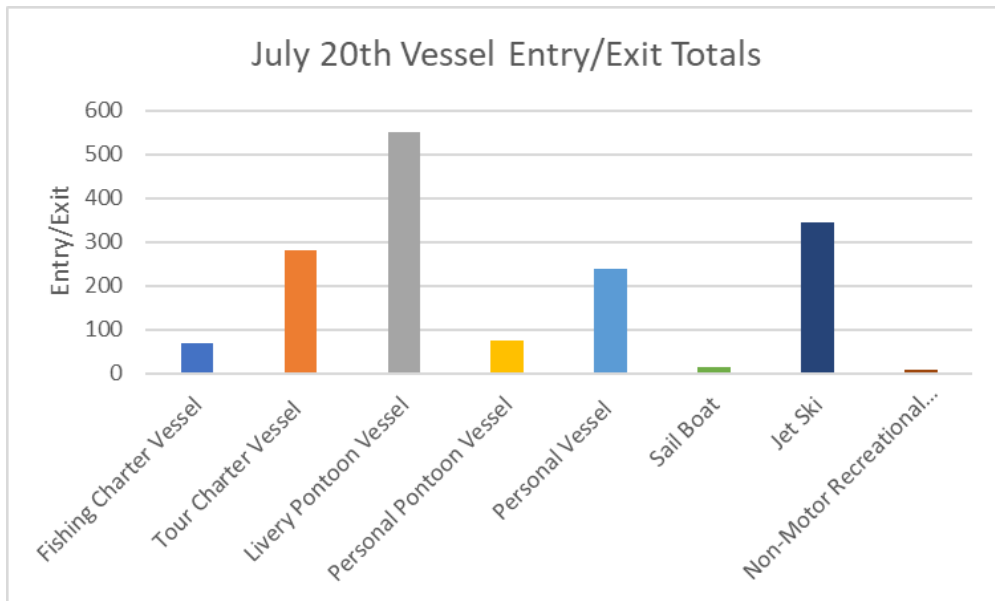


Figure 20: July 21st Vessel Entry/Exit Totals

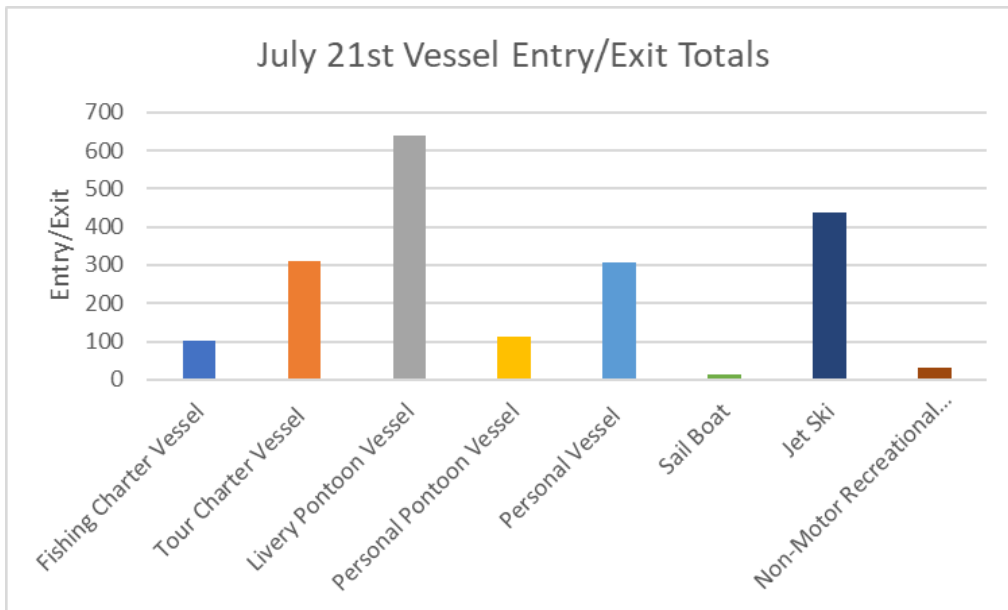


Figure 21: July 15th-July 21st Vessel Entry/Exit Trip Totals

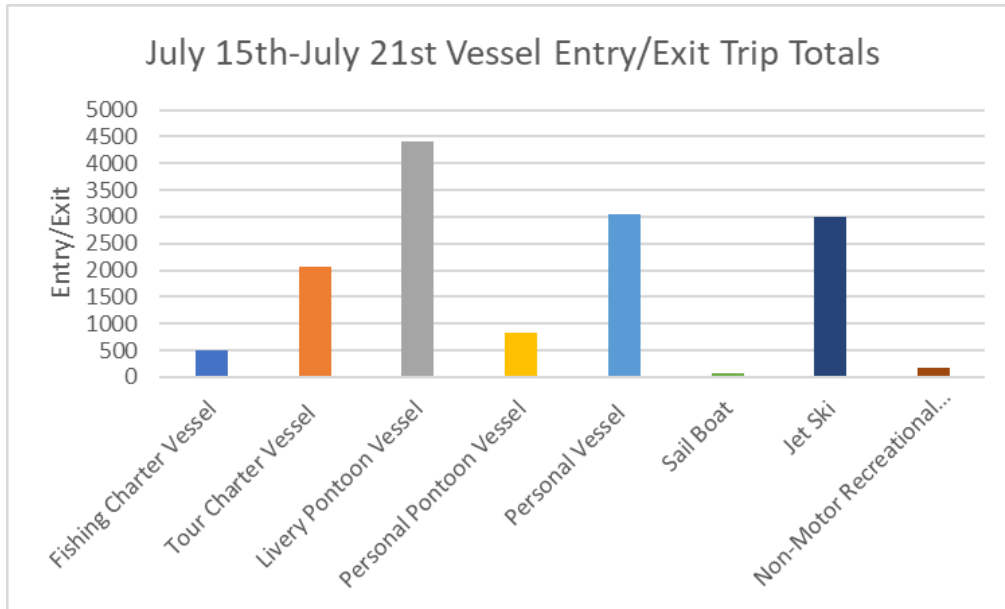


Figure 22: August 2nd Vessel Entry/Exit Totals

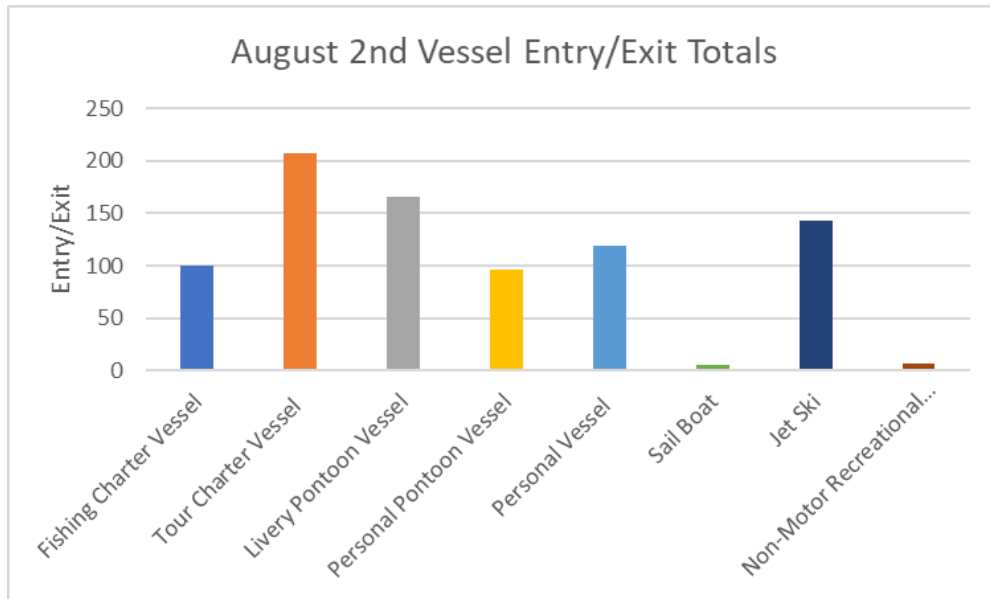


Figure 23: August 3rd Vessel Entry/Exit Totals

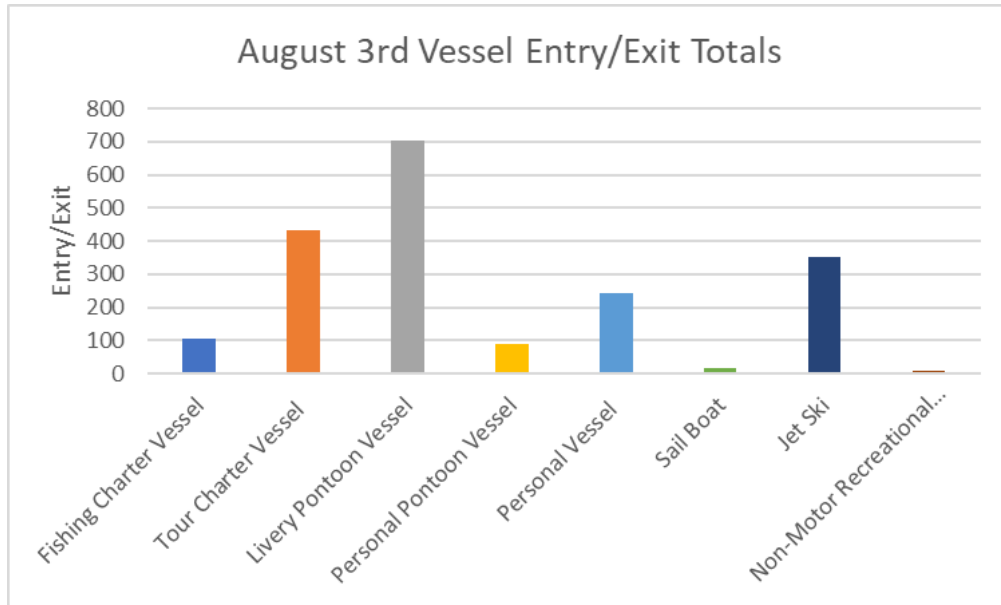


Figure 24: August 4th Vessel Entry/Exit Totals

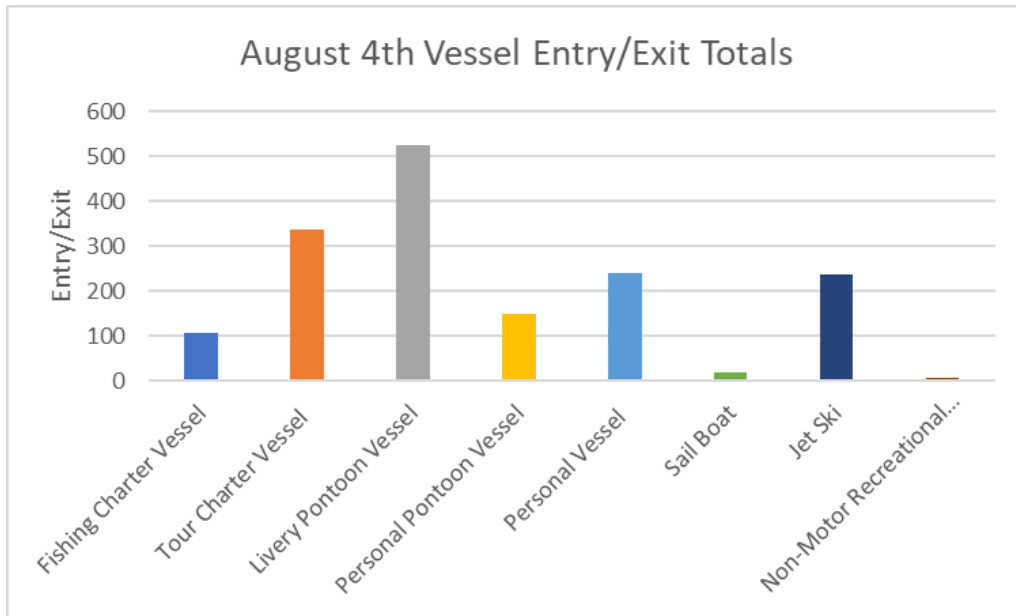


Figure 25: August 5th Vessel Entry/Exit Totals

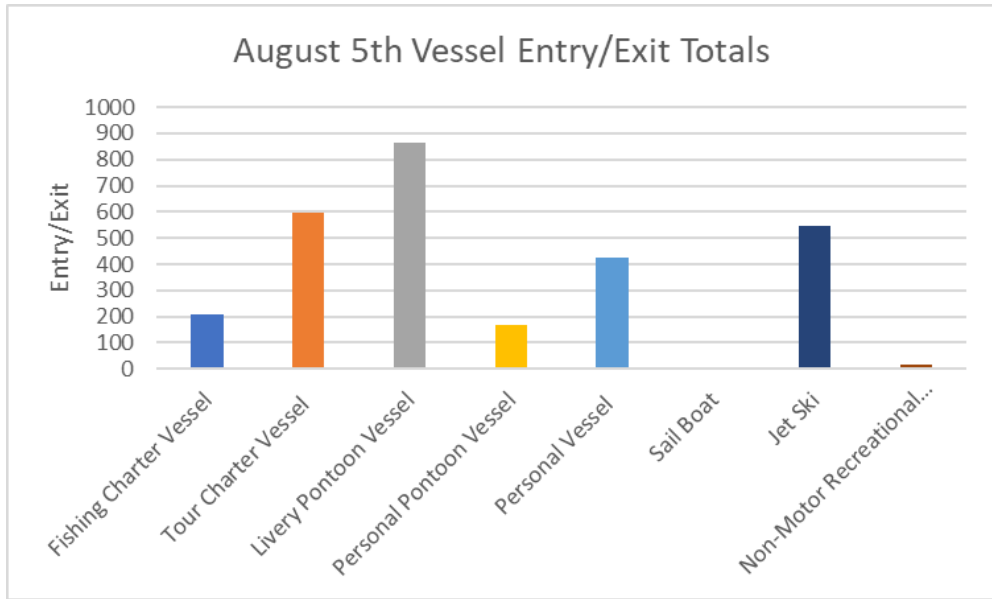


Figure 26: August 6th Vessel Entry/Exit Totals

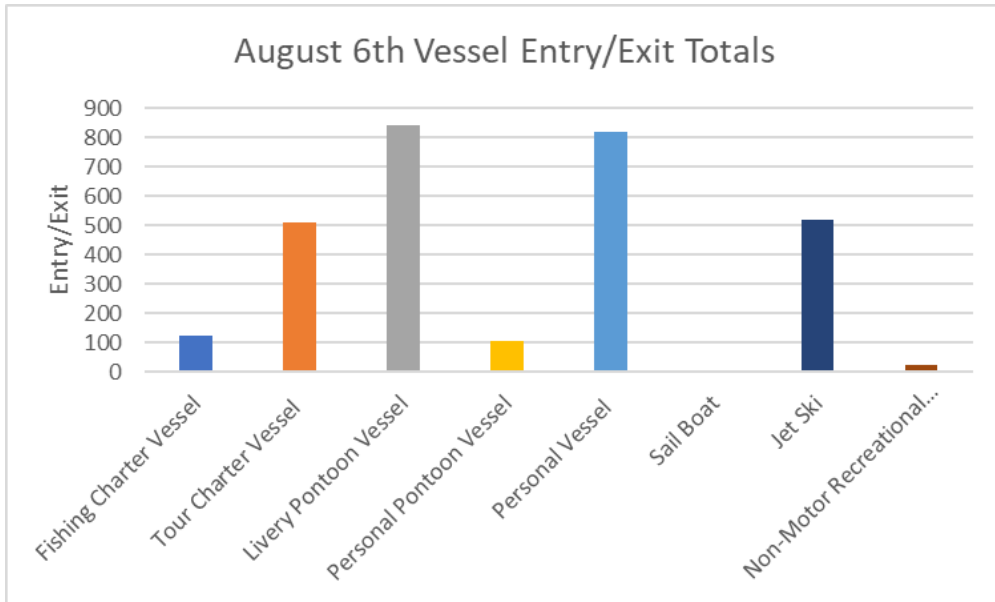


Figure 27: August 7th Vessel Entry/Exit Totals

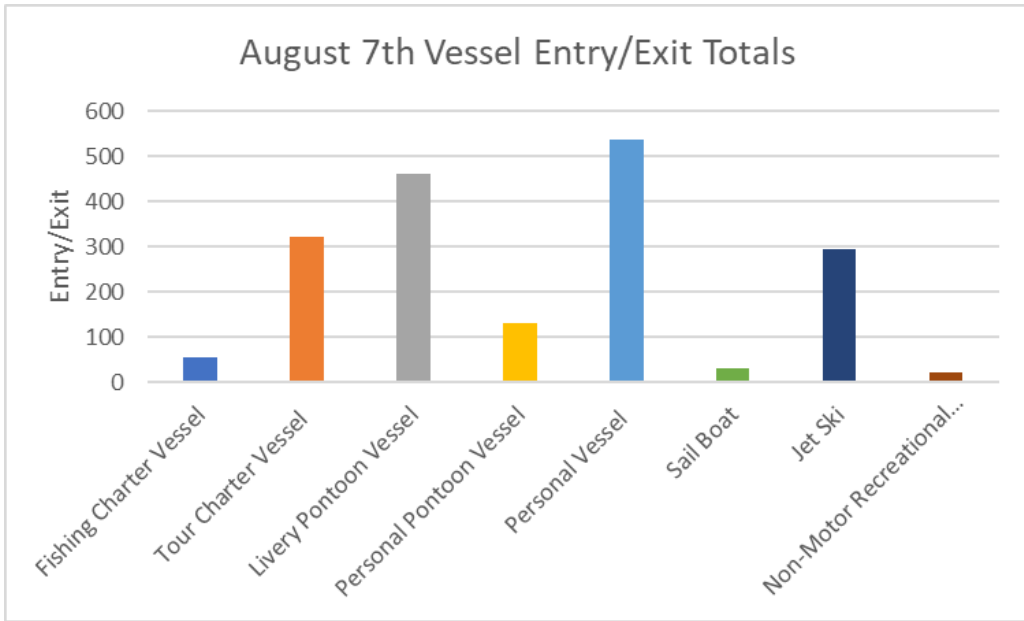


Figure 28: August 2nd-August 7th Vessel Entry/Exit Trip Totals

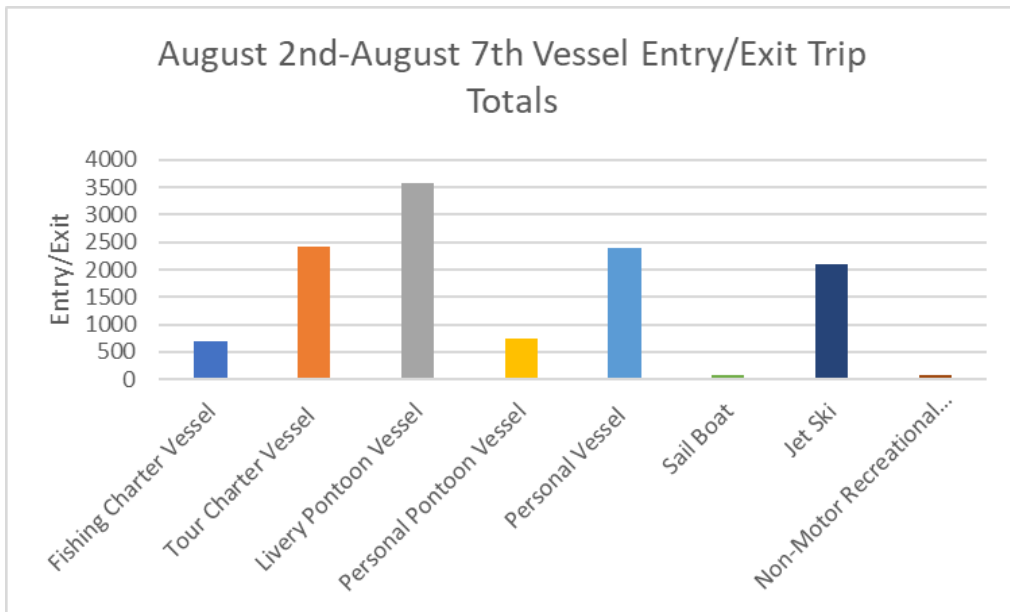


Figure 29: August 19th Vessel Entry/Exit Totals

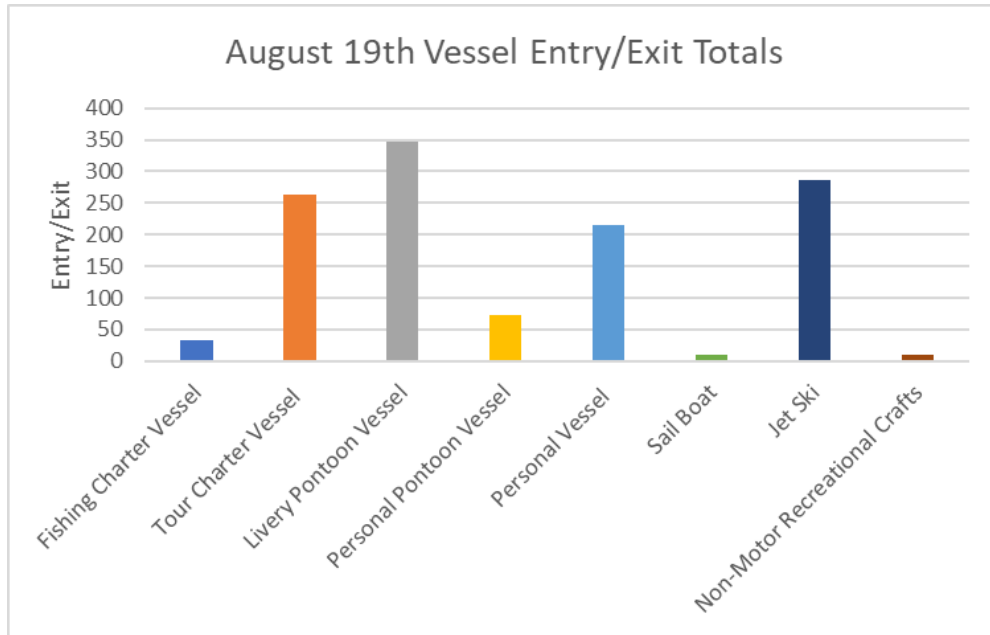


Figure 30: August 20th Vessel Entry/Exit Totals

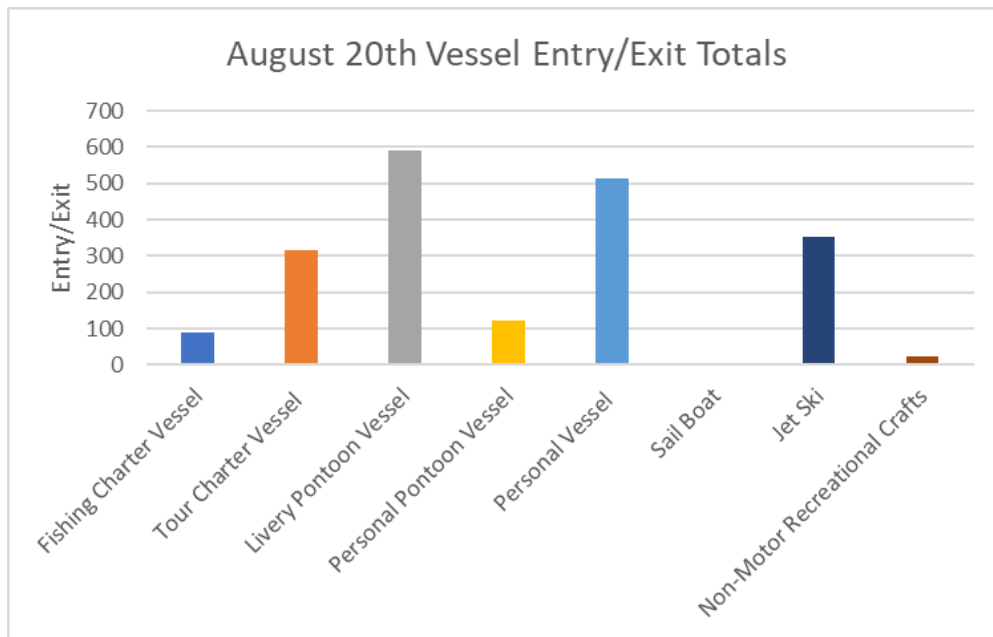


Figure 31: August 21st Vessel Entry/Exit Totals

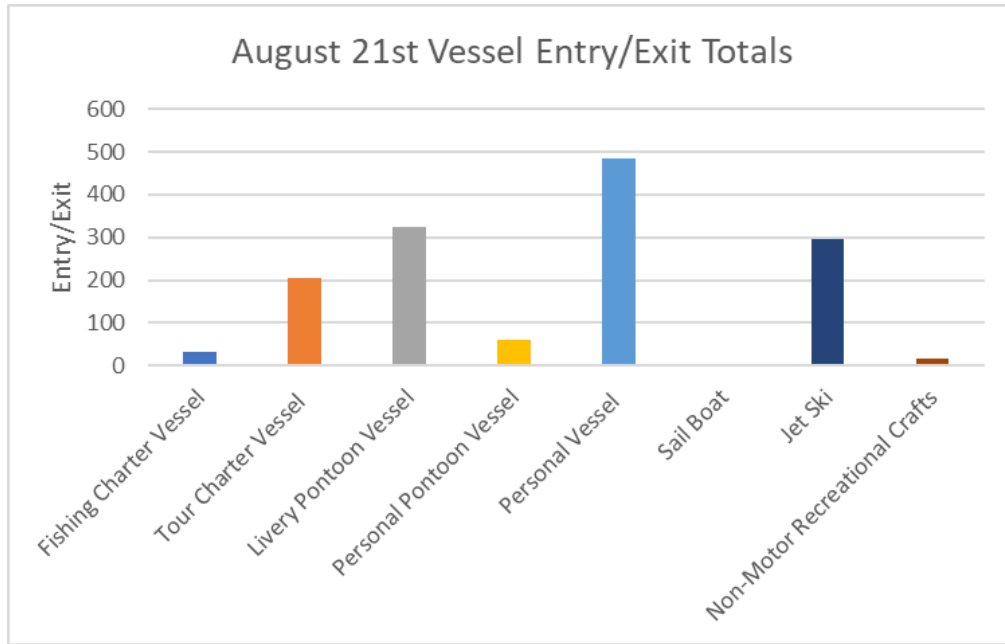


Figure 32: August 19th-August 21st Vessel Entry/Exit Trip Totals

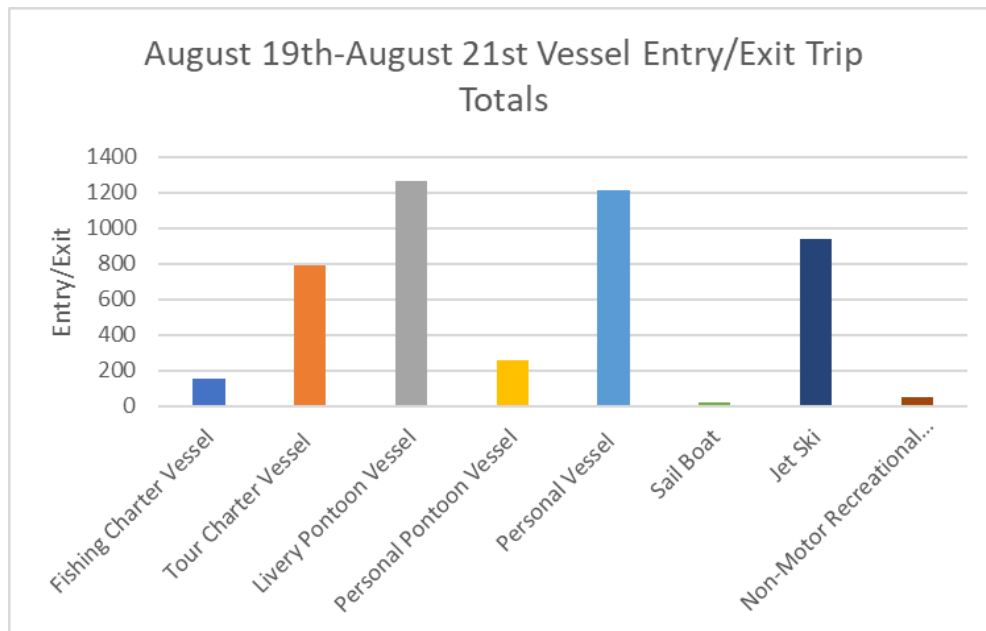


Figure 33: September 2nd Vessel Entry/Exit Totals

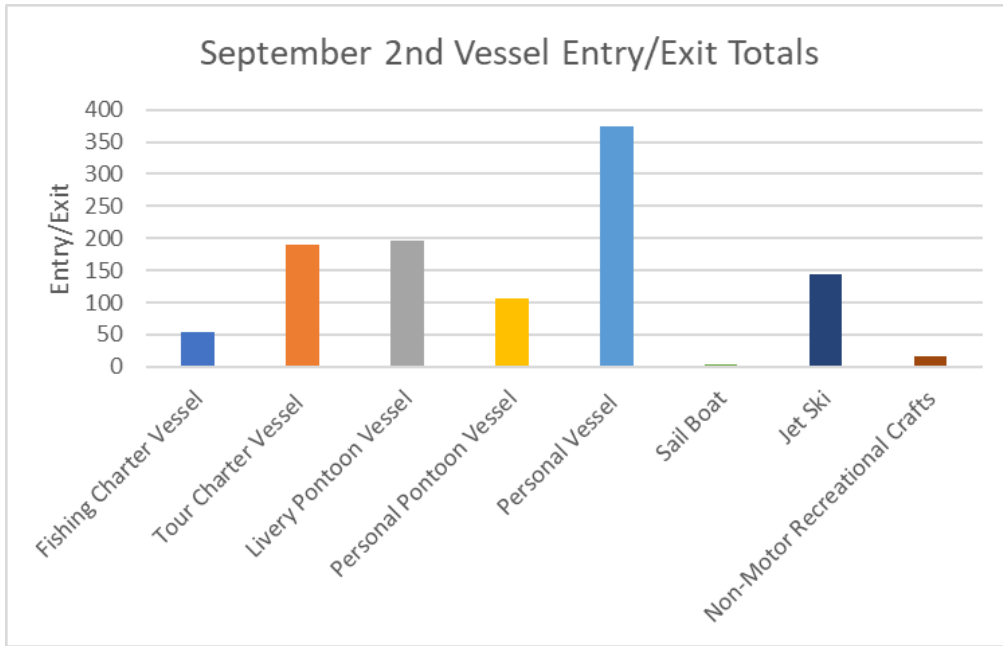


Figure 34: September 3rd Vessel Entry/Exit Totals

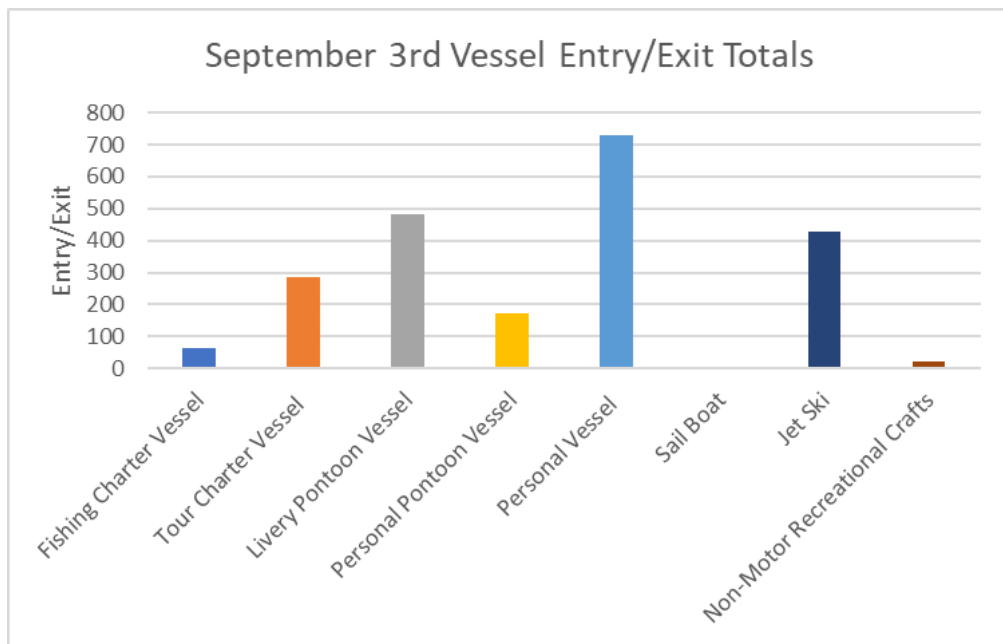


Figure 35: September 4th Vessel Entry/Exit Totals

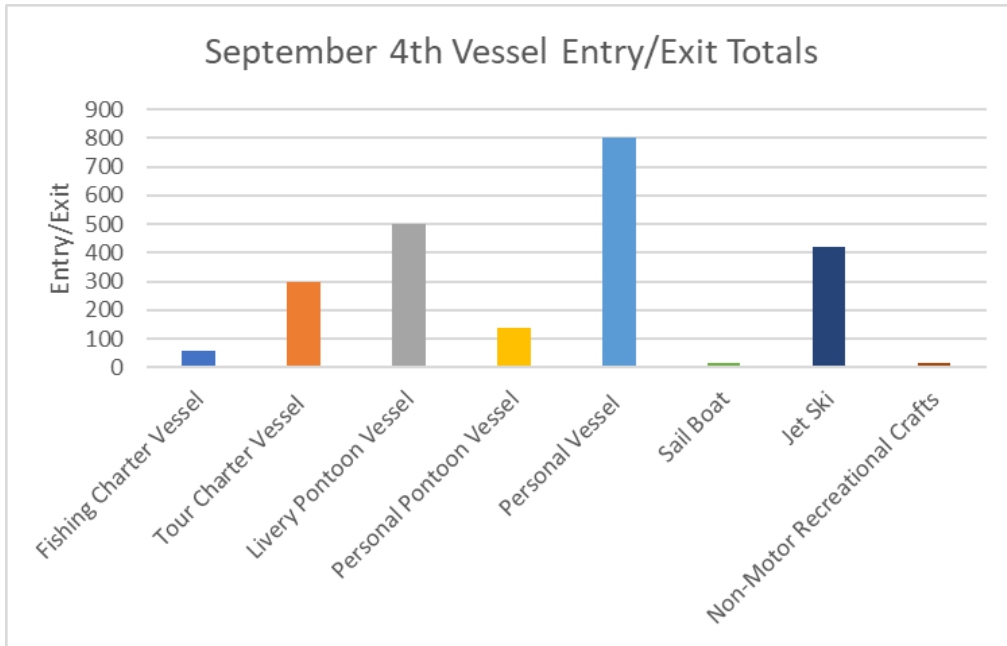


Figure 36: September 5th Vessels Entry/Exit Totals

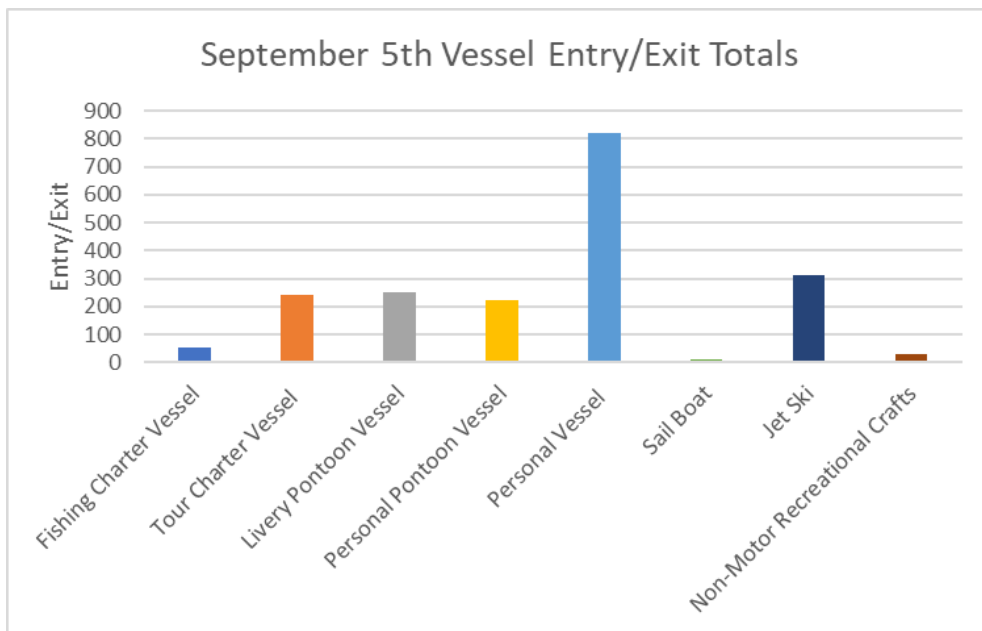
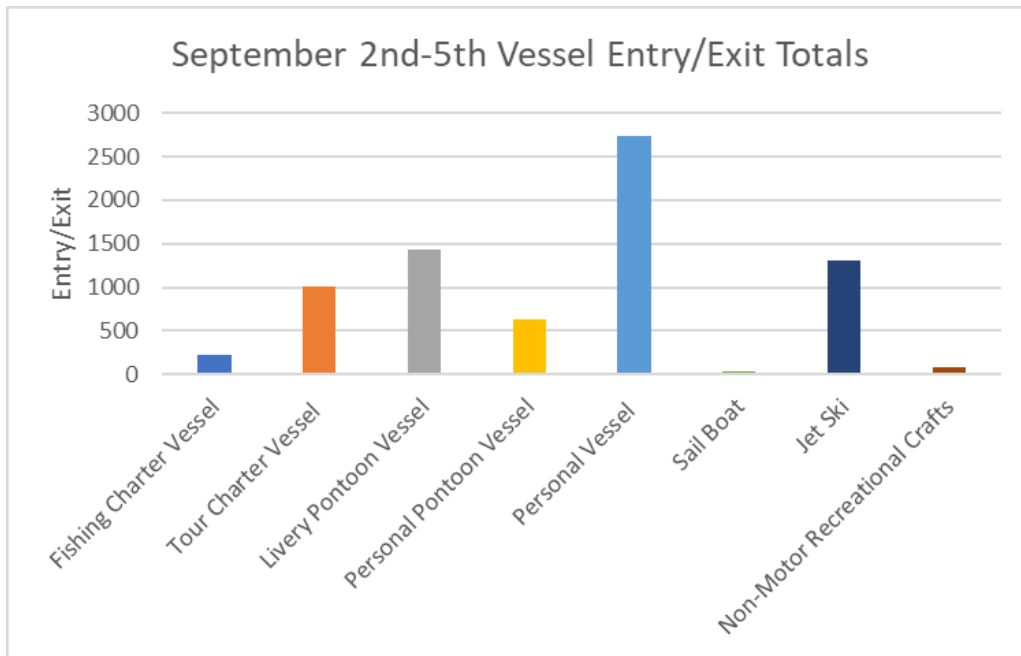


Figure 37: September 2nd- 5th Vessel Entry/Exit Totals



2.0 Daily Vessel Slip Line Graphs

Counting of vessel slips occurred on 3 separate occasions per day at 10AM, 12PM, and 6PM (except for Memorial Day weekend; 8:30AM & 2:30PM). This change is shown graphically below.

Figure 38: May 27th-May 30th Trip Slip Occupancy Percentage

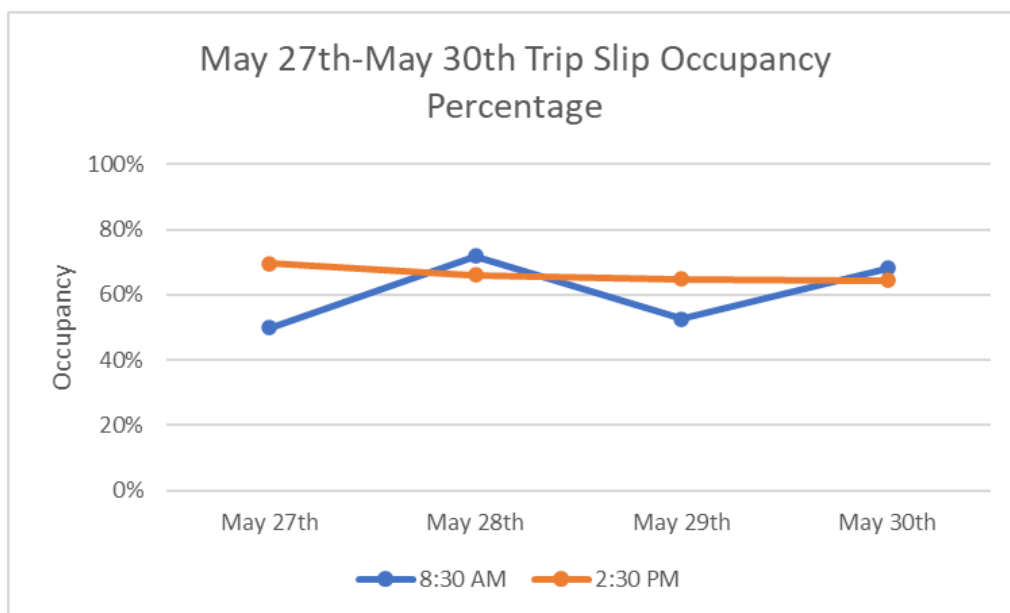


Figure 39: June 28th-July 4th Trip Slip Occupancy Percentage

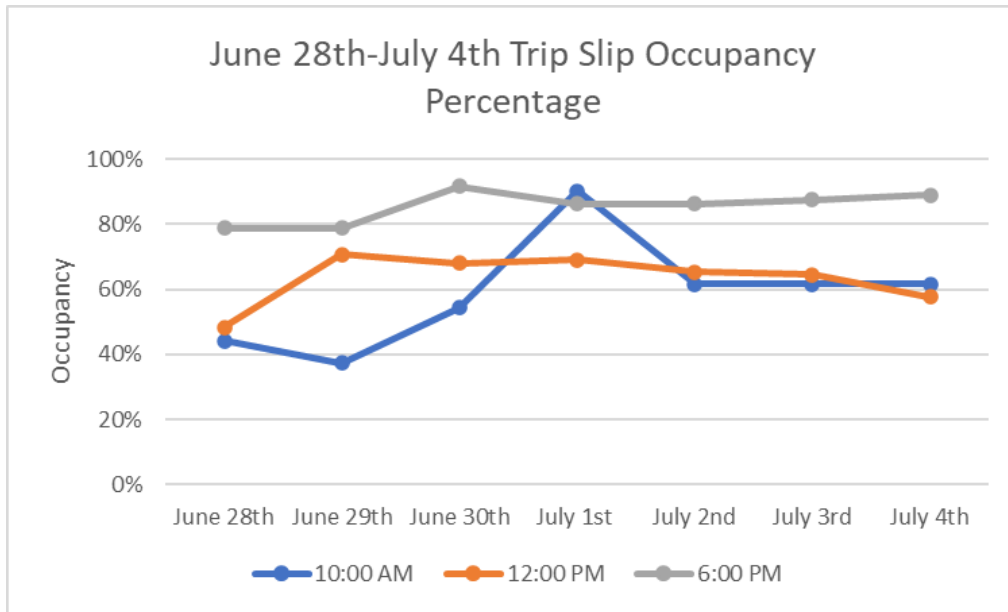


Figure 40: July 15th-July 21st Trip Slip Occupancy Percentage

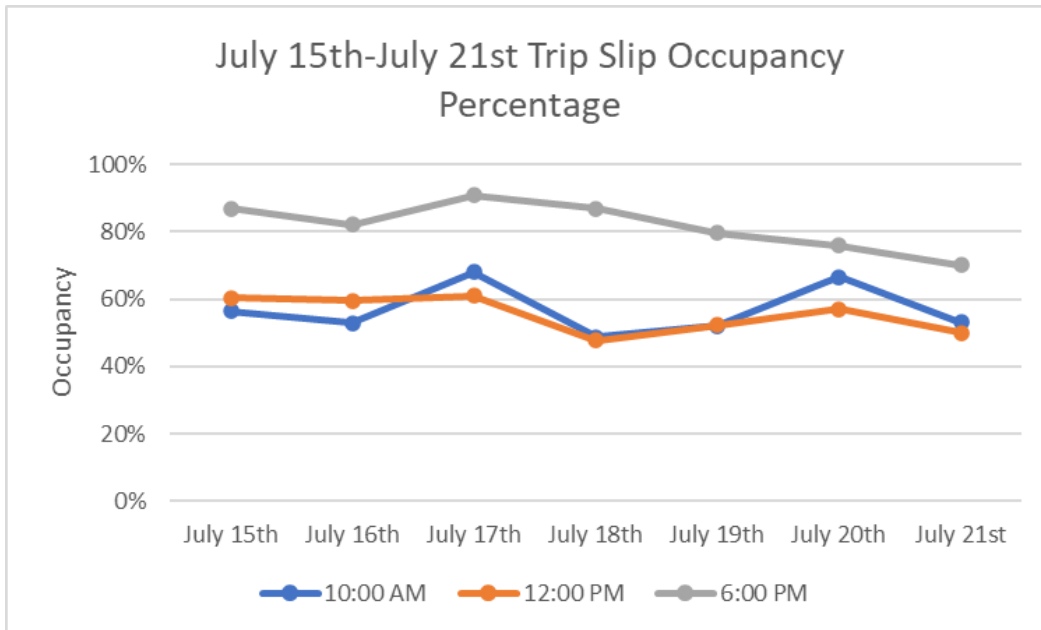


Figure 41: August 2nd-August 7th Trip Slip Occupancy Percentage

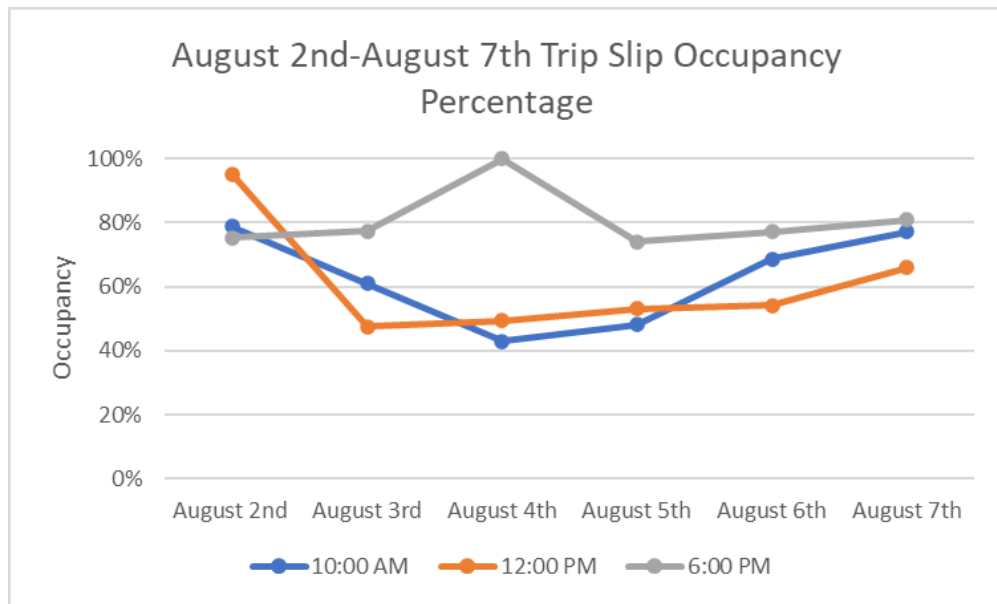


Figure 42: August 19th-August 21st Trip Slip Occupancy

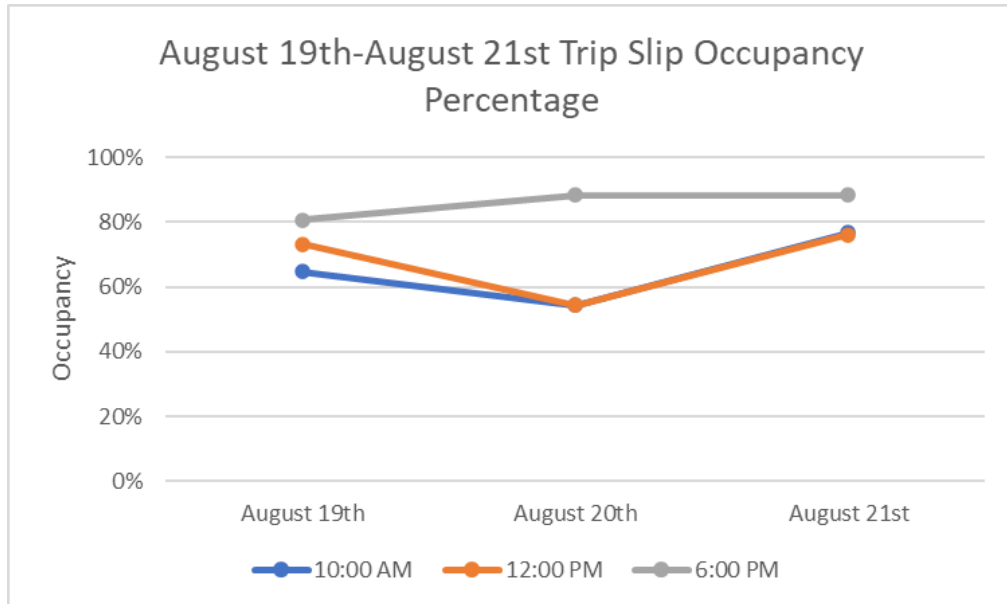


Figure 43: September 2nd-September 5th Trip Slip Occupancy Percentage

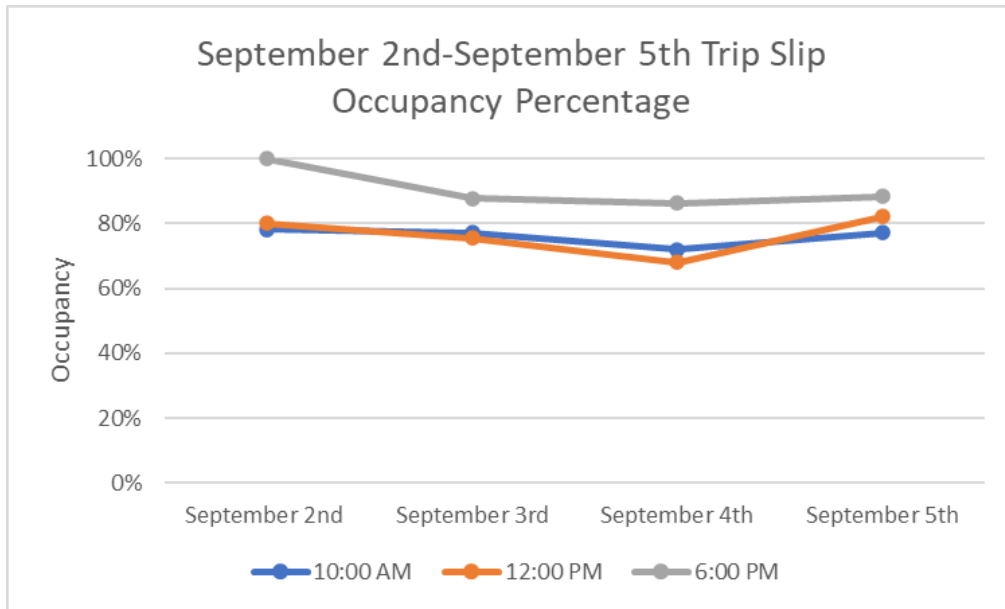


Figure 44: May 27th-May 30th Daily Slip Occupancy Percentages by Time

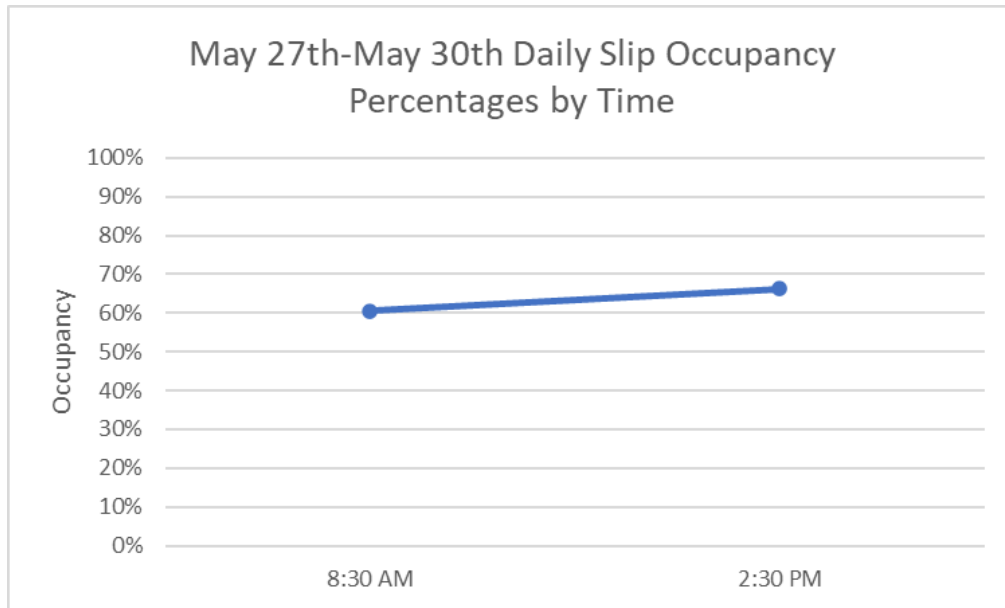


Figure 45: June 28th-July 4th Daily Slip Occupancy Percentages by Time

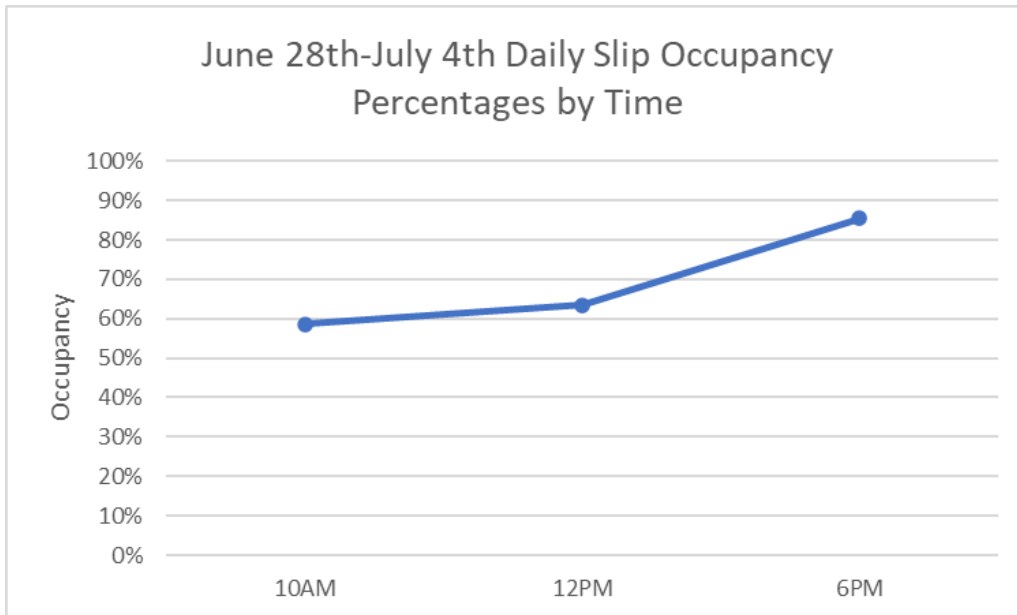


Figure 46: July 15th-July 21st Daily Slip Occupancy Percentages by Time

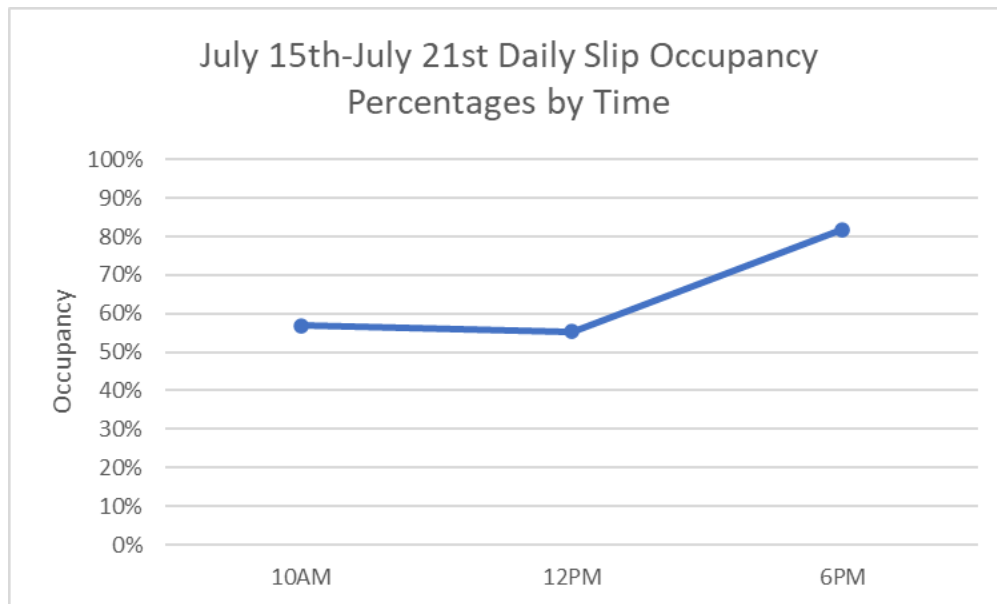


Figure 47: August 2nd-August 7th Daily Slip Occupancy Percentages by Time

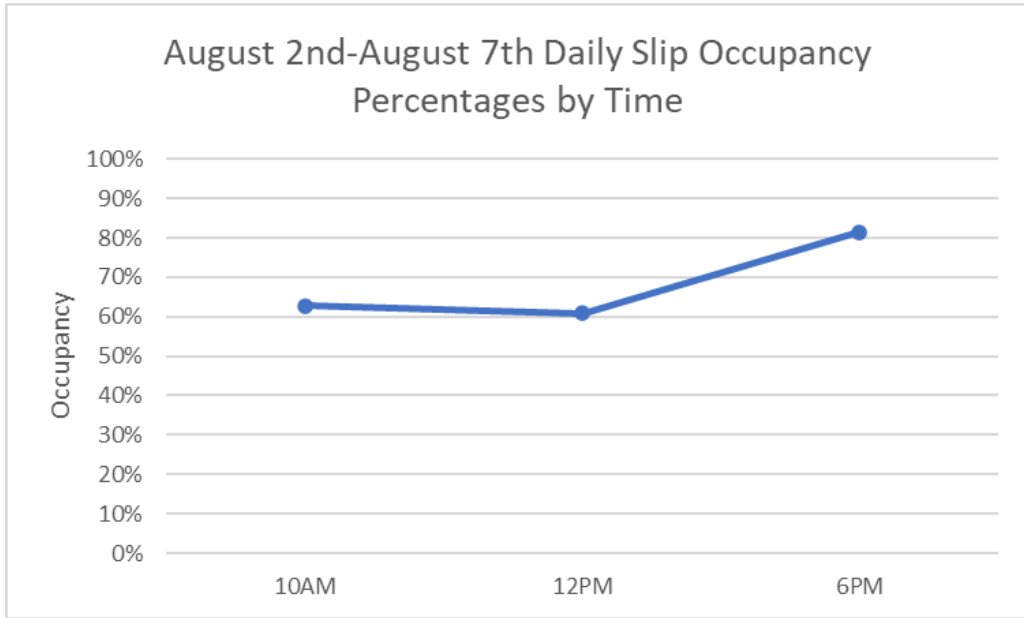


Figure 48: August 19th-August 21st Daily Slip Occupancy Percentages by Time

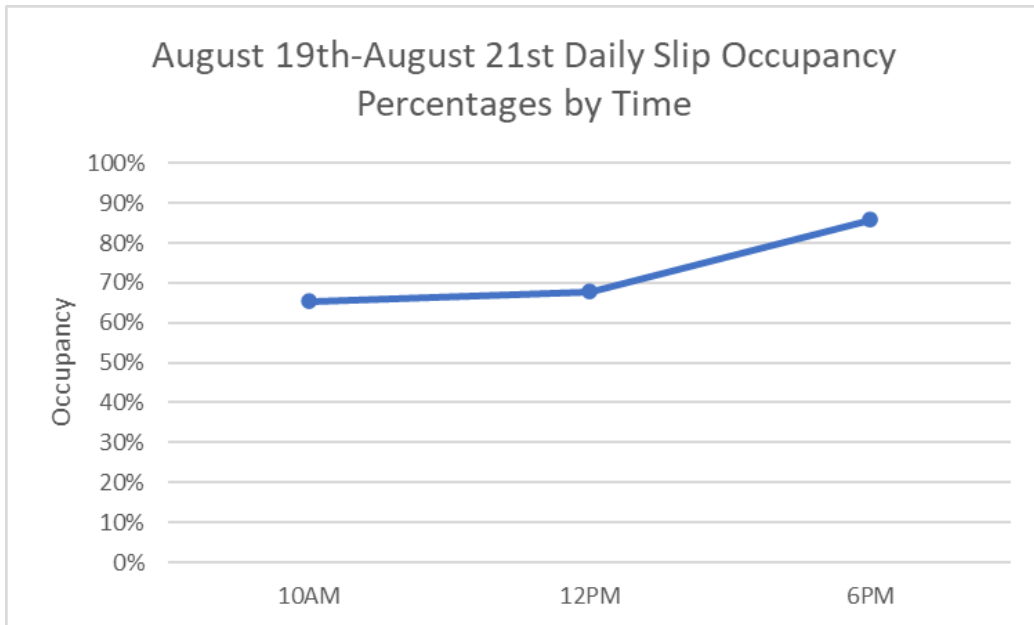


Figure 49: September 2nd-September 5th Daily Slip Occupancy Percentages by Time

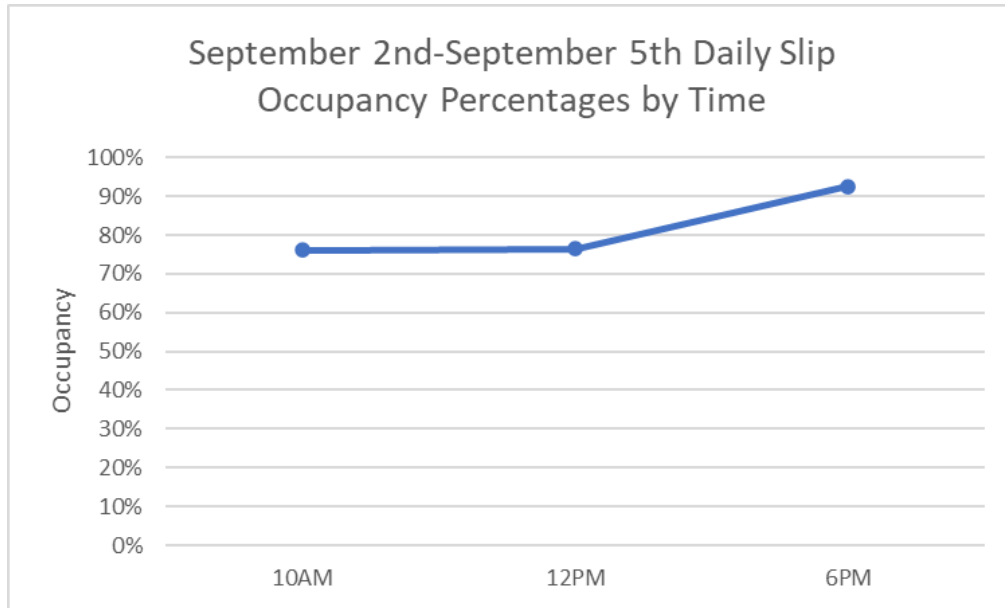
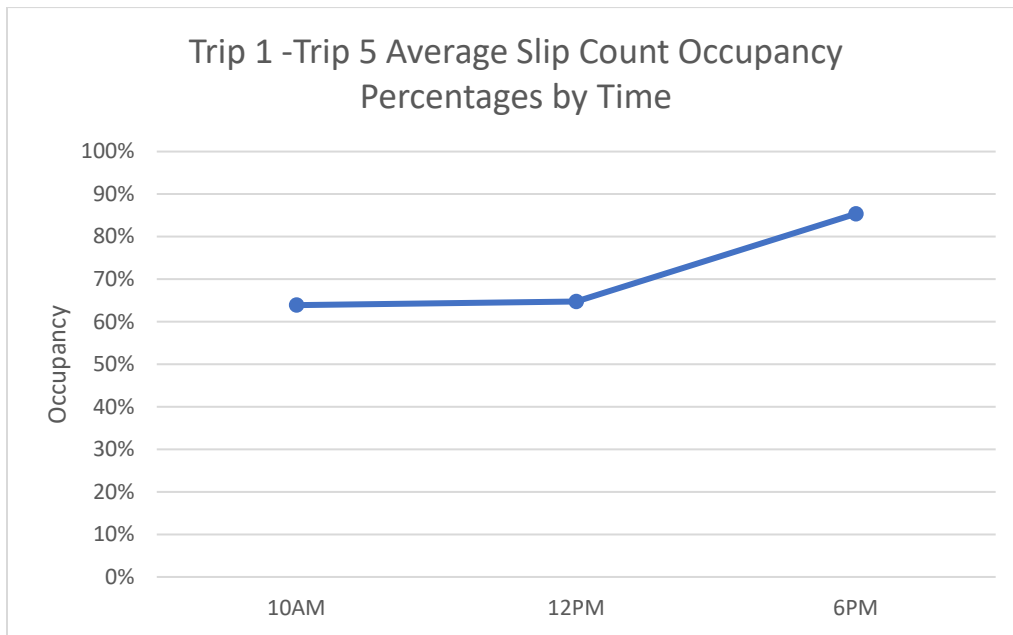


Figure 50: Trip 1 – Trip 5 Total Slip Occupancy Percentages by Time



Note: May 27th-May 30th trip excluded because the recording occurred at different times from other trips.

3.0 Slip Count Daily Average Occupancy Percentages

Counting of occupied vessel slips occurred on 3 separate occasions per day at 10AM, 12PM, and 6PM (except for Memorial Day weekend; 8:30AM & 2:30PM). For below graph references: Trip 1 is June 28th-July 4th, Trip 2 is July 15th-July 21st, Trip 3 is August 2nd-August 7th, Trip 4 is August 19th-August 21st, and Trip 5 is September 2nd-September 5th. Averages were determined based on daily occupancy percentages recorded throughout the summer.

Figure 51: Daily Averages for Slip Occupancy Percentages

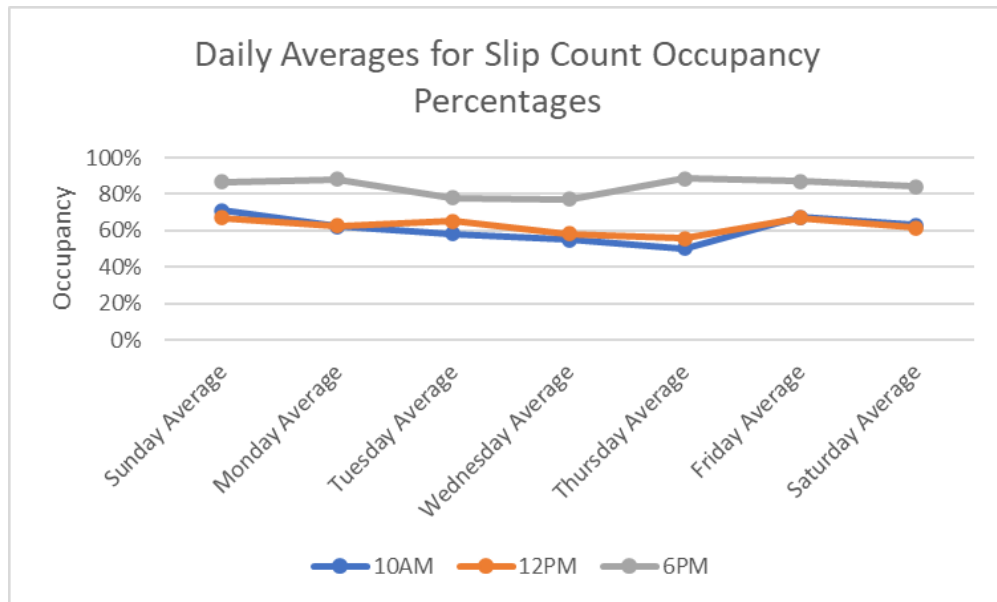
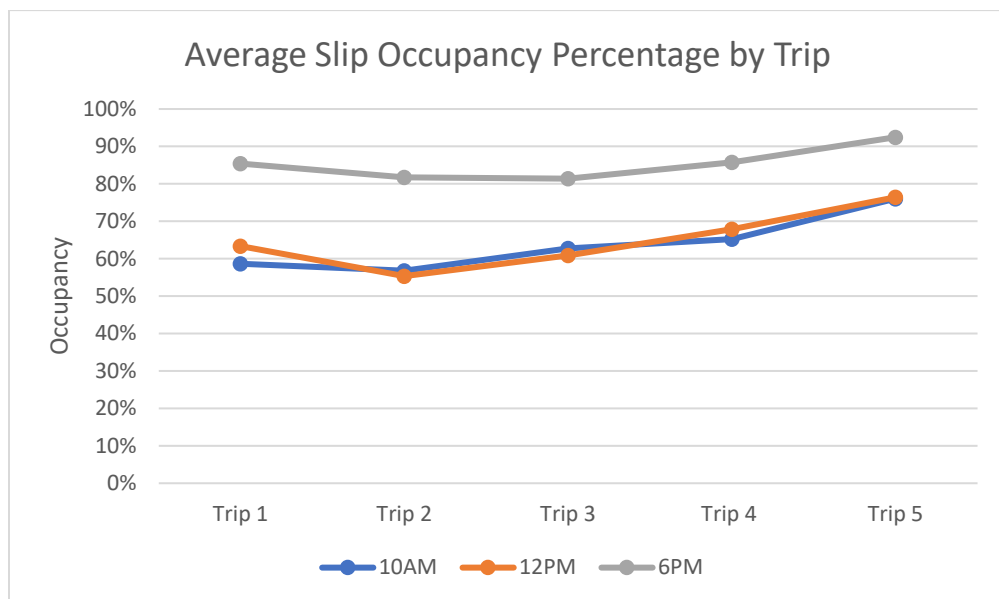


Figure 52: Average Slip Occupancy Percentage by Trip



4.0 Daily Average/Interpolated Vessel Count Graphs

Harbor slippage data was consistent and plentiful, with all 3 data collection times accounted for during the summer (excluding the Memorial Day weekend). Therefore, that data was used to provide summer vessel daily averages to show a snapshot of a typical week.

Figure 53: Fishing Charter Average Entry/Exit by Day of Week

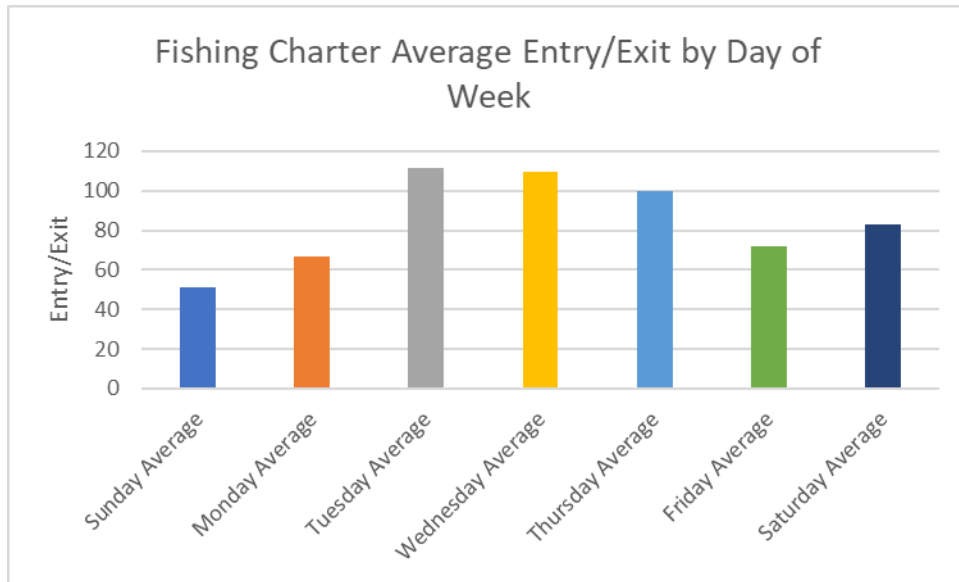


Figure 54: Fishing Charter Interpolated Entry/Exit Summer Total by Day of Week

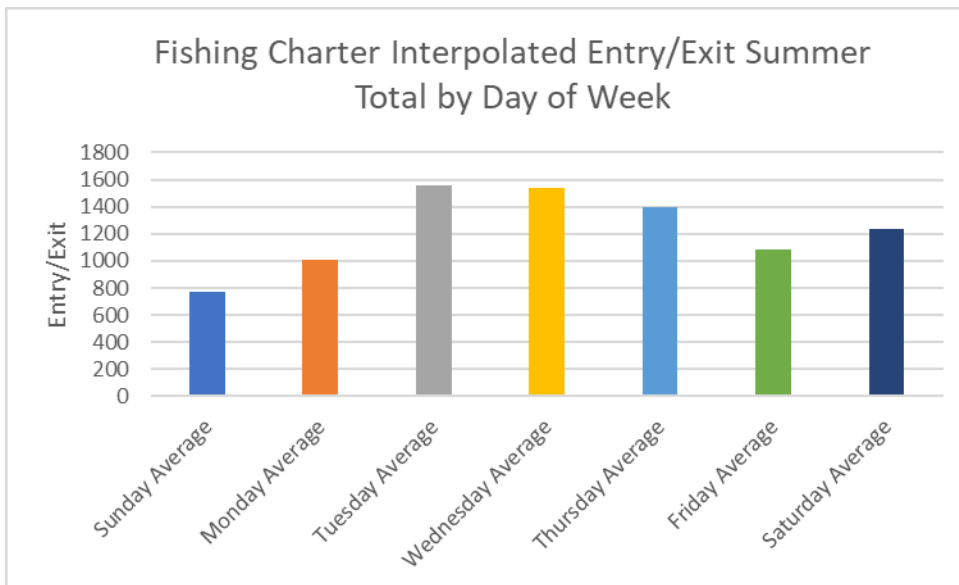


Figure 55: Tour Charter Average Entry/Exit by Day of Week

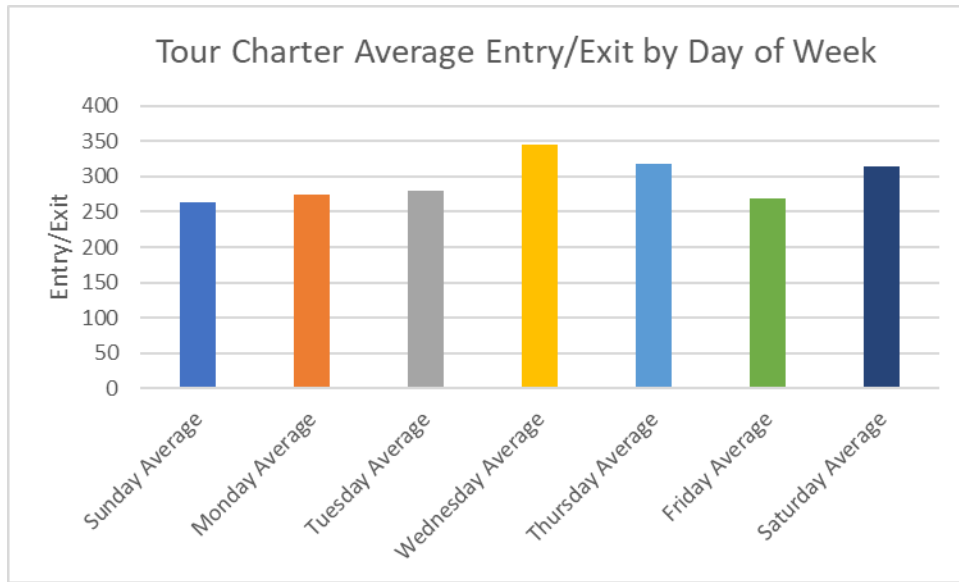


Figure 56: Tour Charter Interpolated Entry/Exit Summer Total by Day of Week

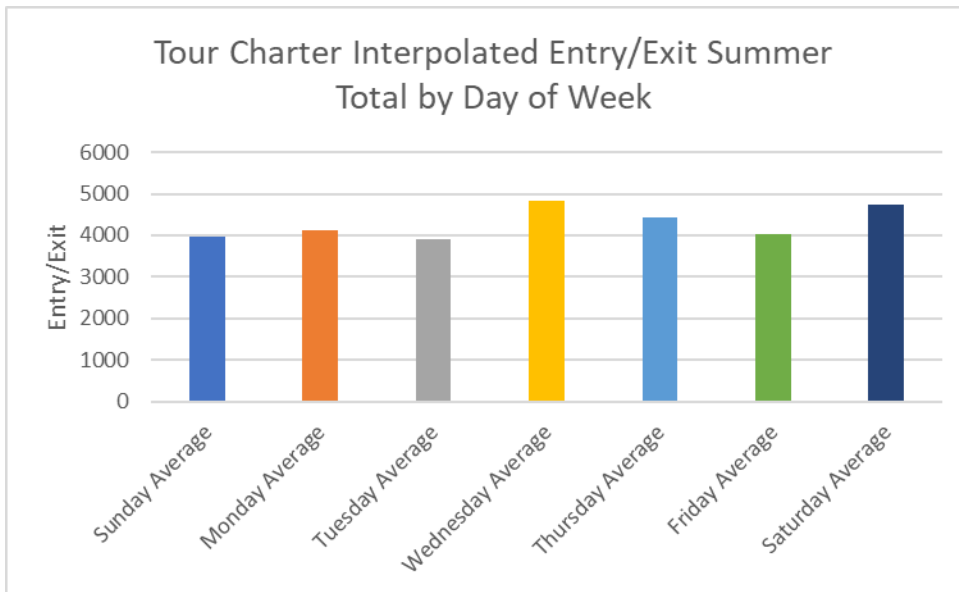


Figure 57: Livery Pontoon Average Entry/Exit by Day of Week

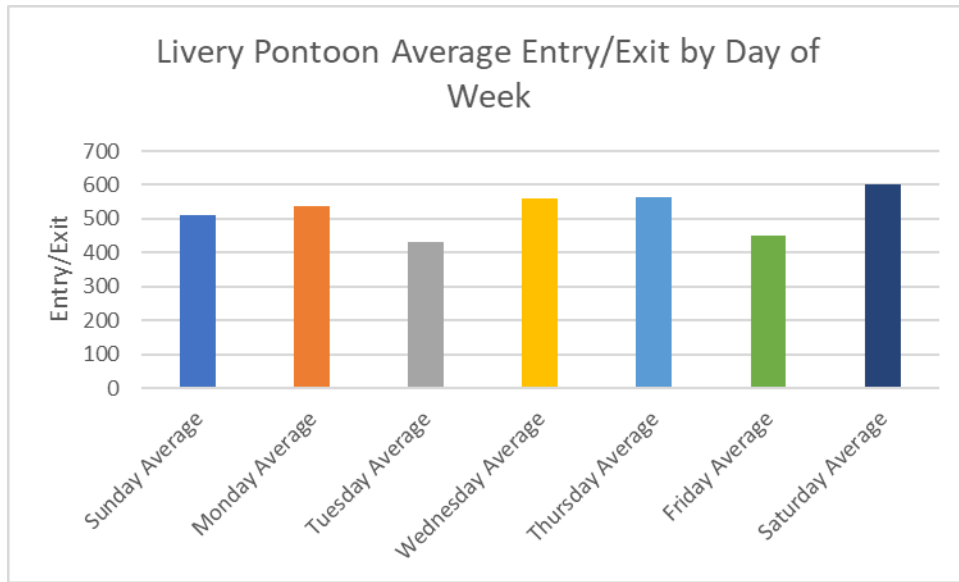


Figure 58: Livery Pontoon Interpolated Entry/Exit Summer Total by Day of Week

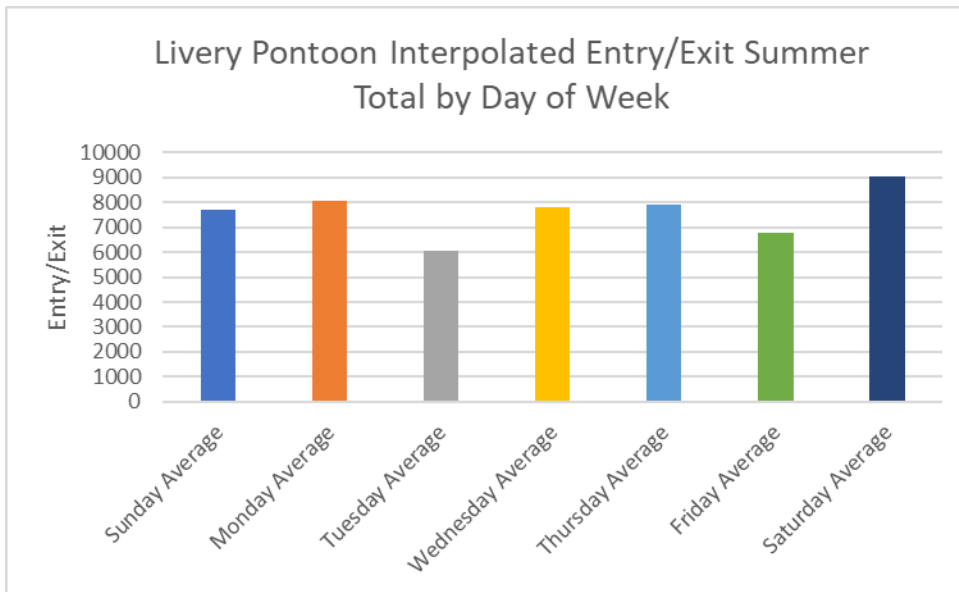


Figure 59: Personal Pontoon Average Entry/Exit by Day of Week

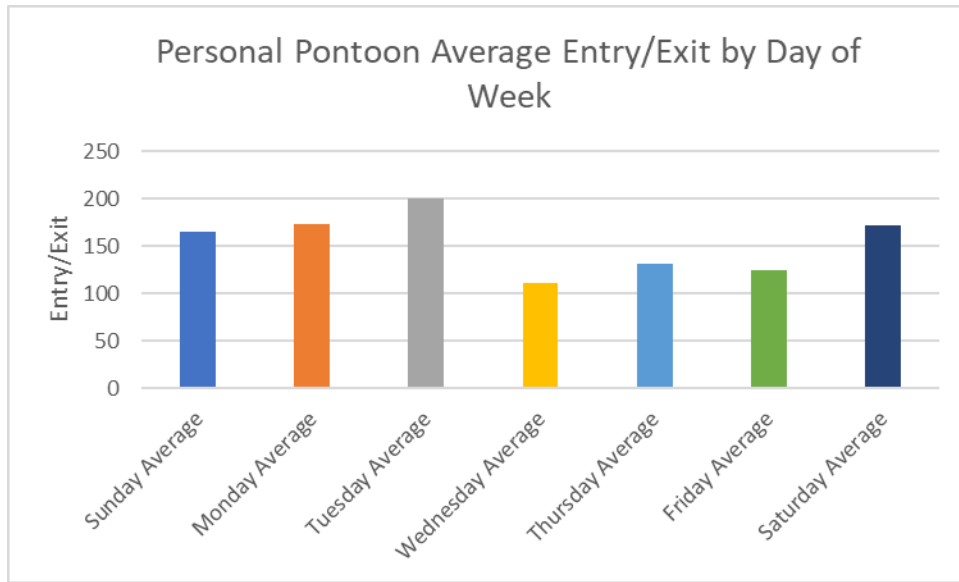


Figure 60: Personal Pontoon Interpolated Entry/Exit Summer Total by Day of Week

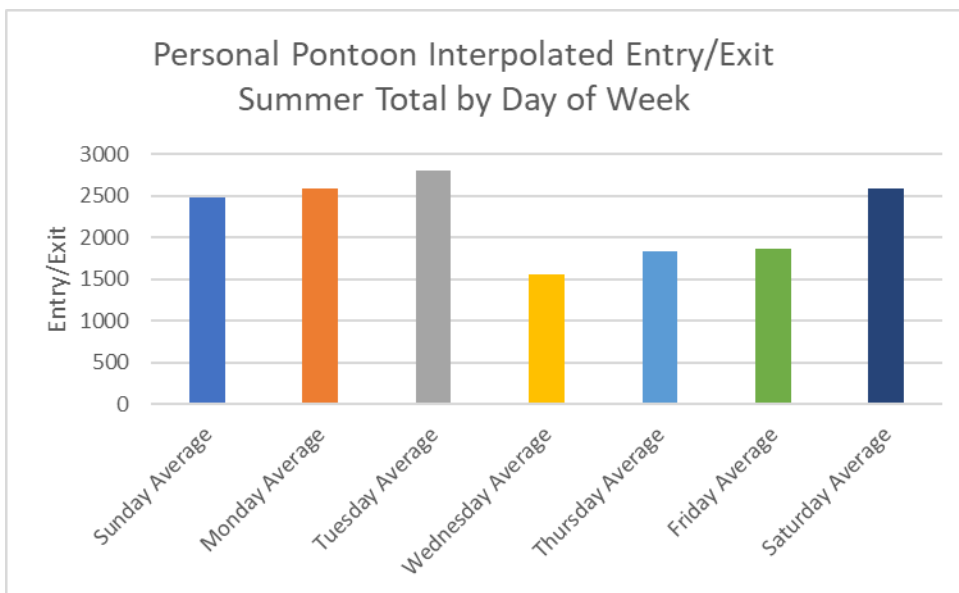


Figure 61: Personal Vessel Average Entry/Exit by Day of Week

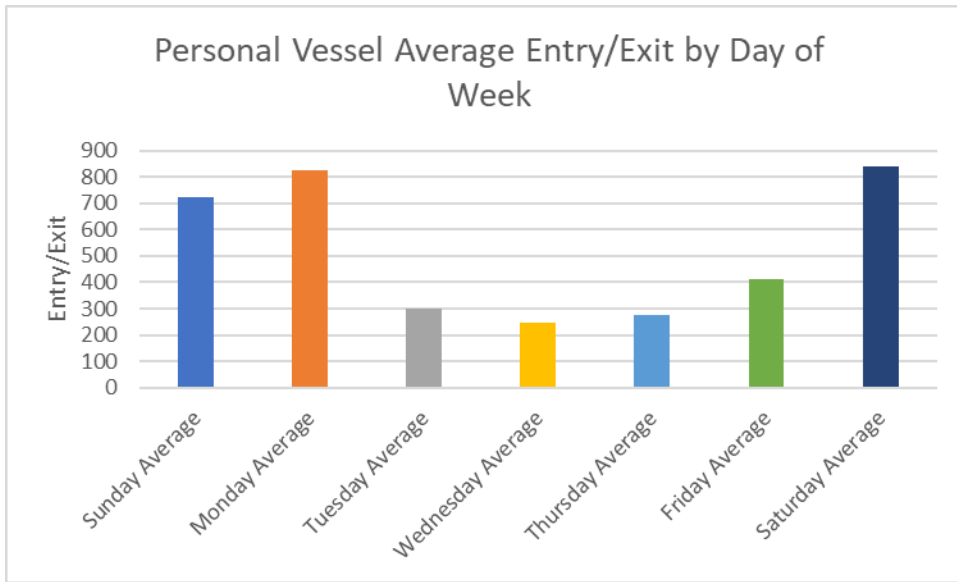


Figure 62: Personal Vessel Interpolated Entry/Exit Summer Total by Day of Week

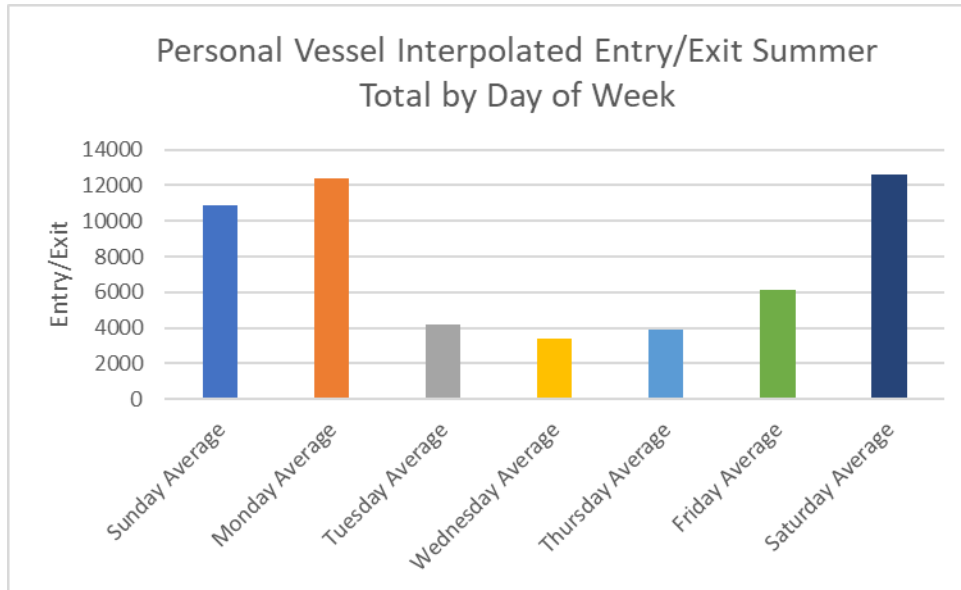


Figure 63: Sail Boat Average Entry/Exit by Day of Week

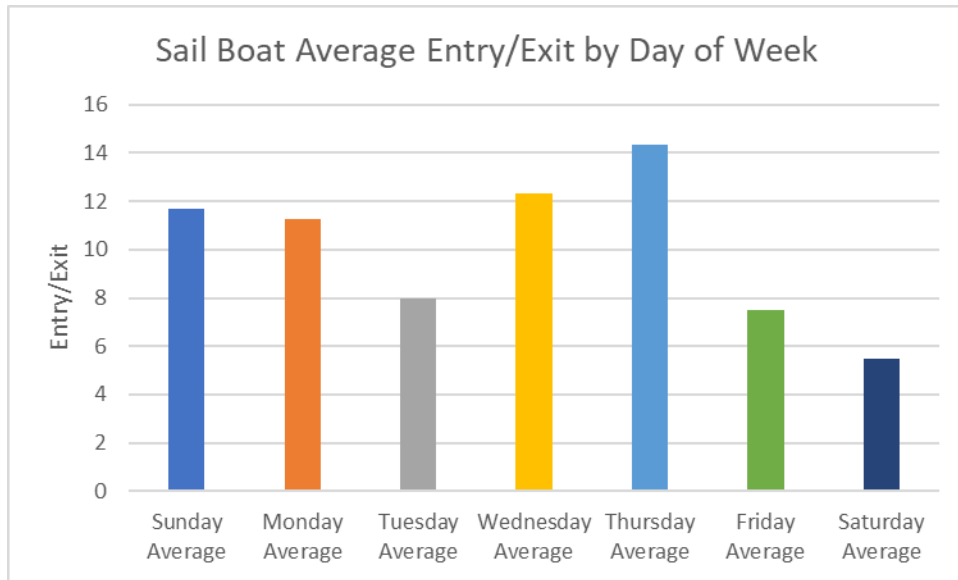


Figure 64: Sail Boat Interpolated Entry/Exit Summer Total by Day of Week

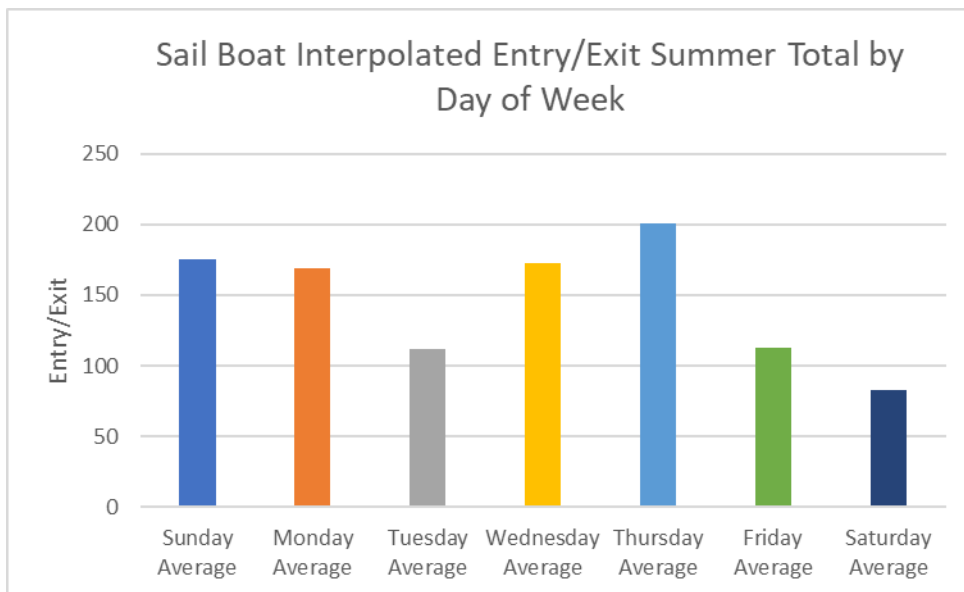


Figure 65: Jet Ski Average Entry/Exit by Day of Week

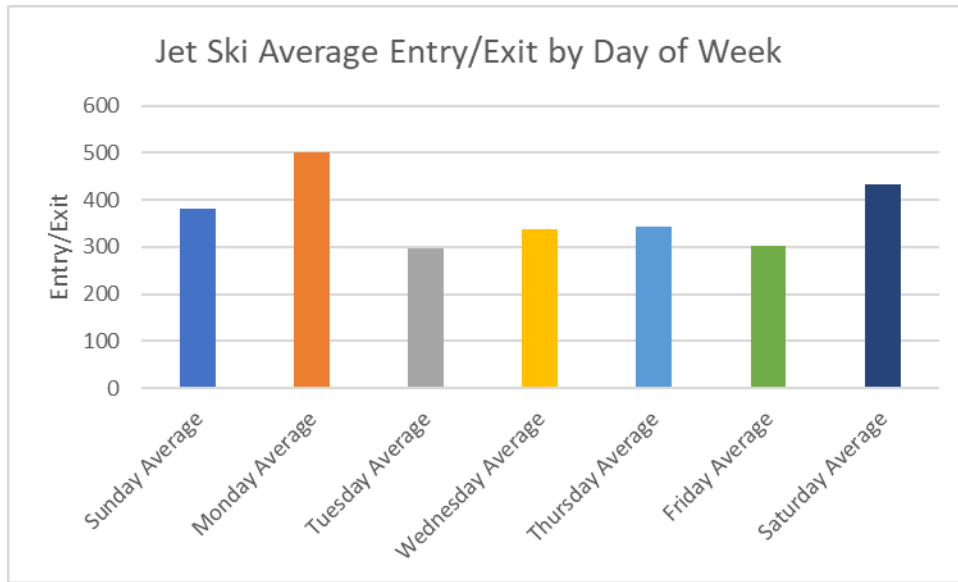


Figure 66: Jet Ski Interpolated Entry/Exit Summer Total by Day of Week

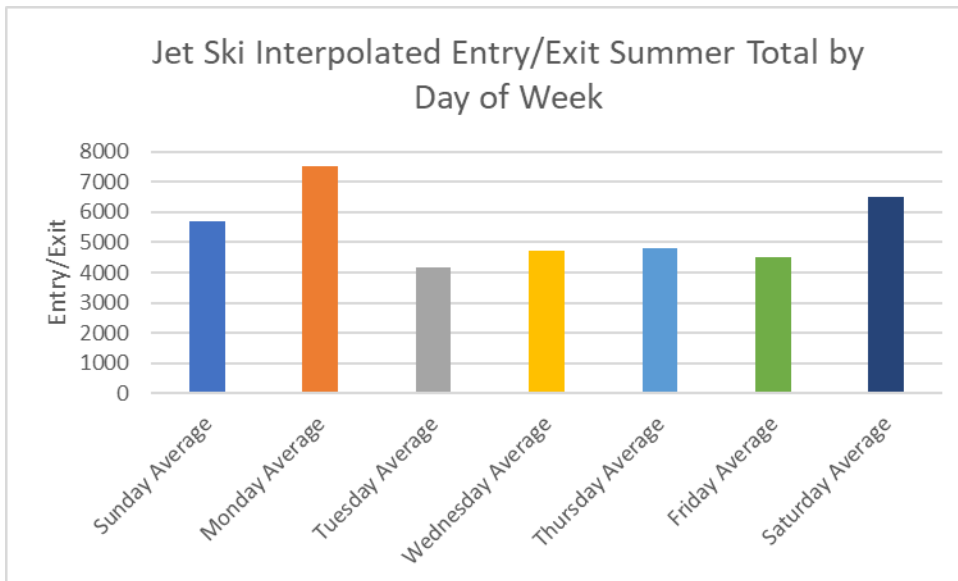


Figure 67: Non-Motor Recreational Crafts Average Entry/Exit by Day of Week

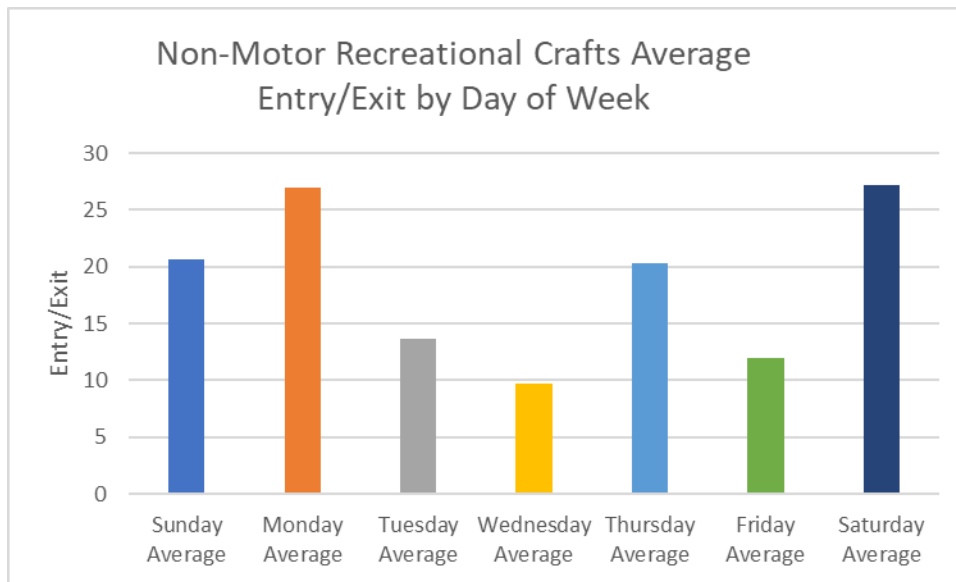
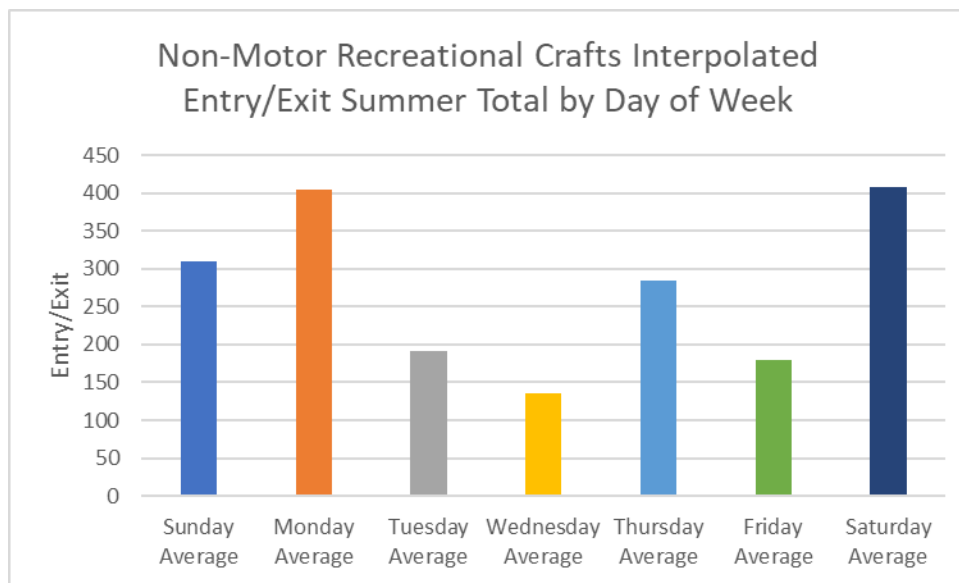


Figure 68: Non-Motor Recreational Crafts Interpolated Entry/Exit Summer Total by Day of Week



5.0 Interpolated Parking Line Graphs

Due to incomplete data collection on parking counts, linear regression was run to help predict the parking inventory for lots that were not counted on that day. This regression model is listed below.

$$Inventory_{ijkm} = \beta_0 + \beta_1 Lot_i + \beta_2 Time_j + \beta_3 Trip_k + \beta_4 Holiday_m + \beta_5 Lot_i \times Time_j + \epsilon_{ijkm}$$

Here, i refers to the parking lot, j refers to the time of day (10AM, 12PM, 6PM), k refers to the data collection trip, and m refers to whether the observation day occurs on a holiday weekend, non-holiday weekend, or non-holiday weekday. Based on this, β_1 are fixed effects for each parking lot, β_2 are fixed effects for the time of day, β_3 are fixed effects for each trip, β_4 are fixed effects for whether it is a holiday, non-holiday weekend, or non-holiday weekday, and β_5 are interaction fixed effects between each parking lot and the time of day. ϵ_{ijklm} is the error term, which accounts for uncertainty in the model. This was used to predict the inventory for observations that were not directly observed.

Parking lot capacities were counted on the initial Destin reconnaissance visit to determine the maximum amount of parking spaces that were available at each parking lot. For the Harbor District restaurants parking spaces, Coyote Ugly had a total of 276, Margaritaville had a total of 129, AJ's had a total of 108, Fatboy's had a total of 26, Galati's had a total of 75, Happy's/Destin Yacht Club had a total of 54, Tailfin's had a total of 77, Dewey Destin's had a total of 72, Brotula's had a total of 245, Boathouse Oyster house had a total of 110, and Marler Public Parking had a total of 146. Joe's Bayou and Captain Leonard's Parking Lots are in the Choctawhatchee Bay area, north of the Harbor District. These parking facilities have boat launches therefore these two have their own section. Joe's Bayou has 83 total parking spaces with the overflow lot included and Captain Leonard's has 33 parking spaces. Holiday Isle is also included in the total occupancy percentages listed below and it has 65 parking spaces. These parking lot totals were then used to determine the below parking lot capacity graphs as percentages of parking spaces occupied by vehicles.

Interpolated parking line graphs for each parking lot observed are listed below.

Figure 69: Joe's Bayou Parking Lot Occupancy by Day of the Week

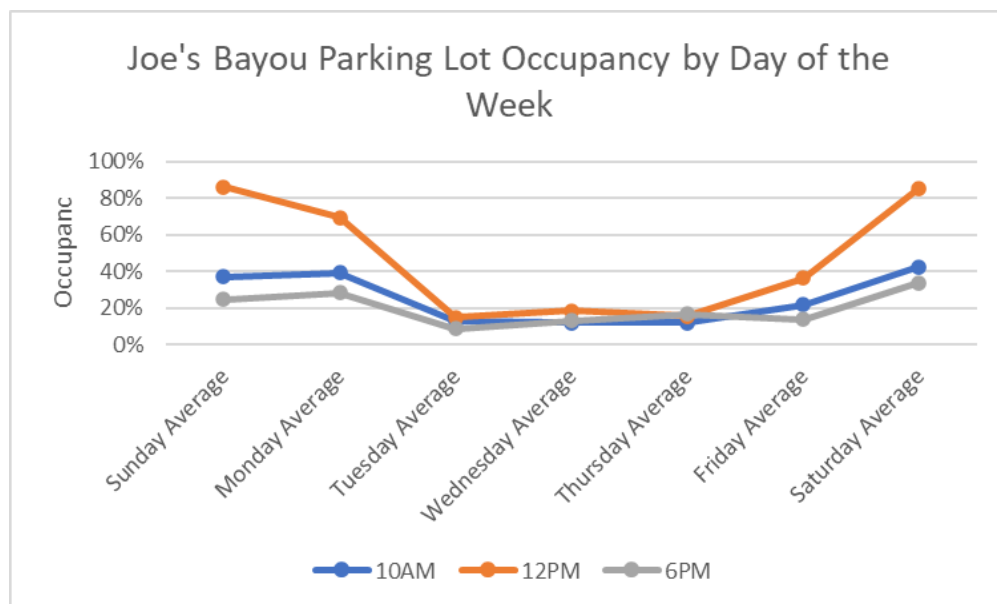


Figure 70: Captain Leonard's Parking Lot Occupancy by Day of the Week

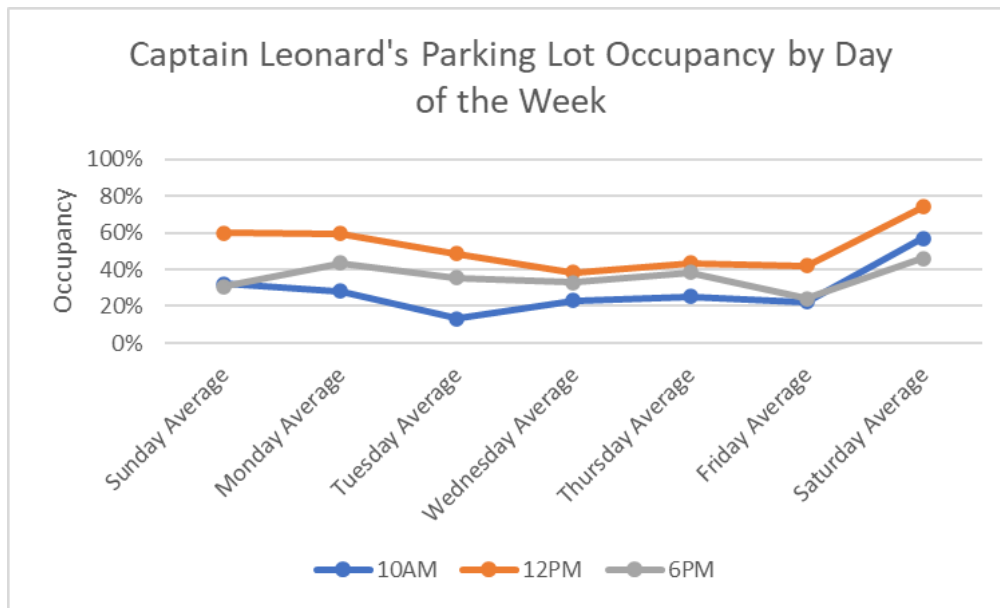


Figure 71: Marler Parking Lot Occupancy by Day of the Week

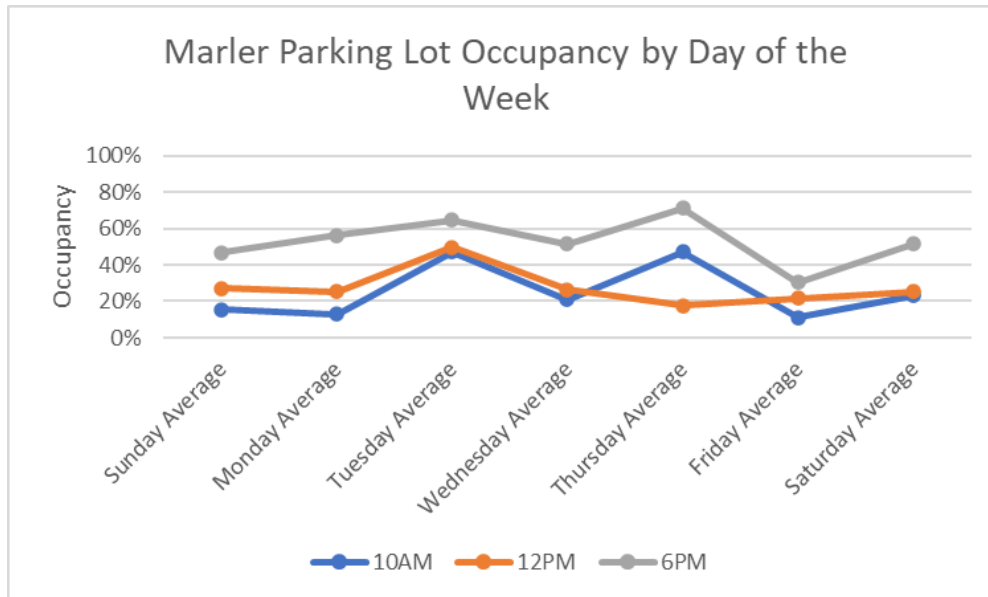


Figure 72: Holiday Isle Parking Lot Occupancy by Day of the Week

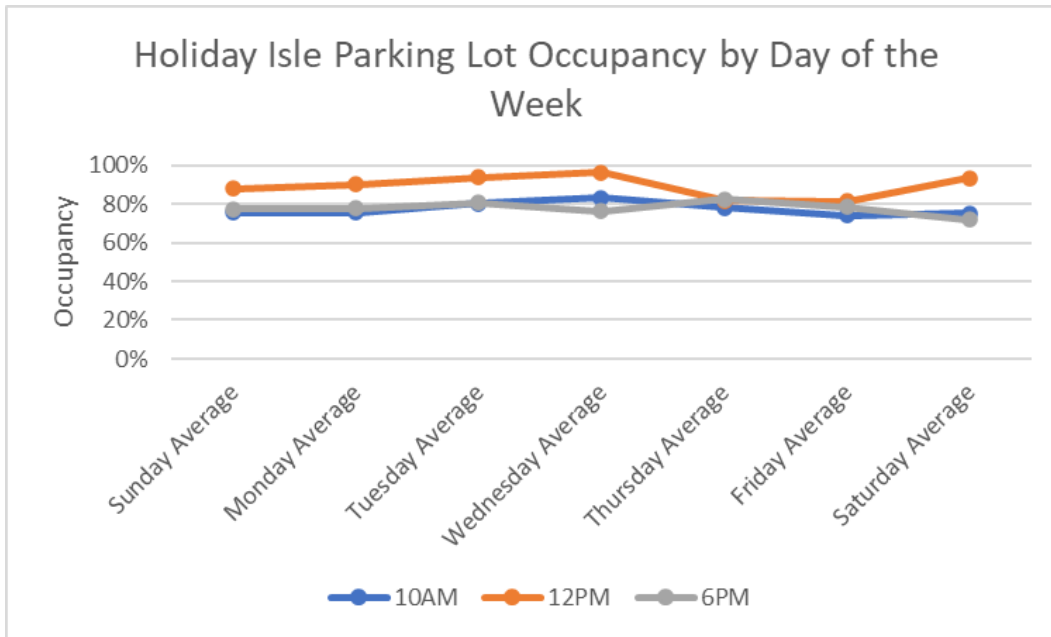


Figure 73: Coyote Ugly Parking Lot Occupancy by Day of the Week

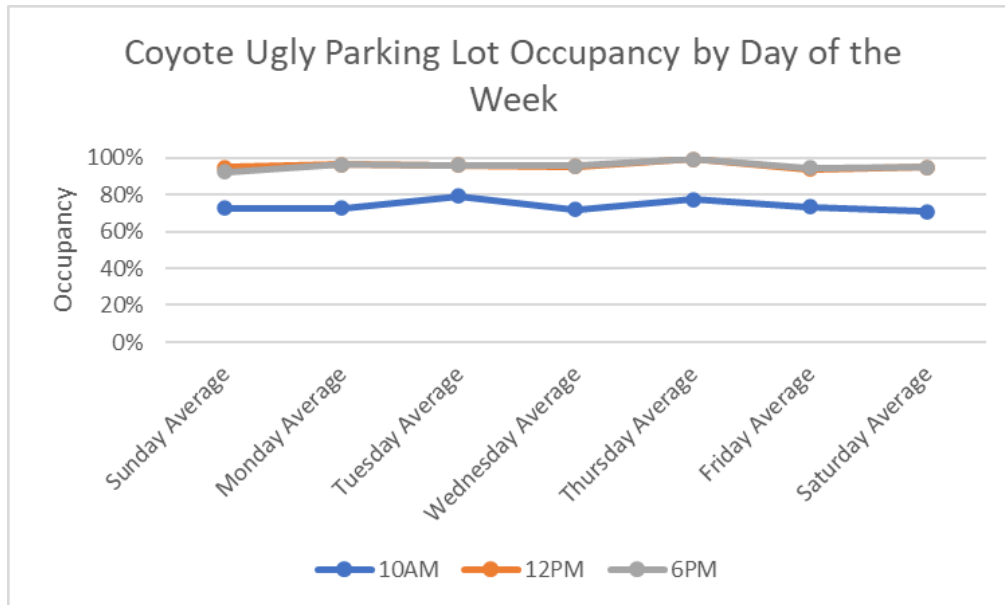


Figure 74: Margaritaville Parking Lot Occupancy by Day of the Week

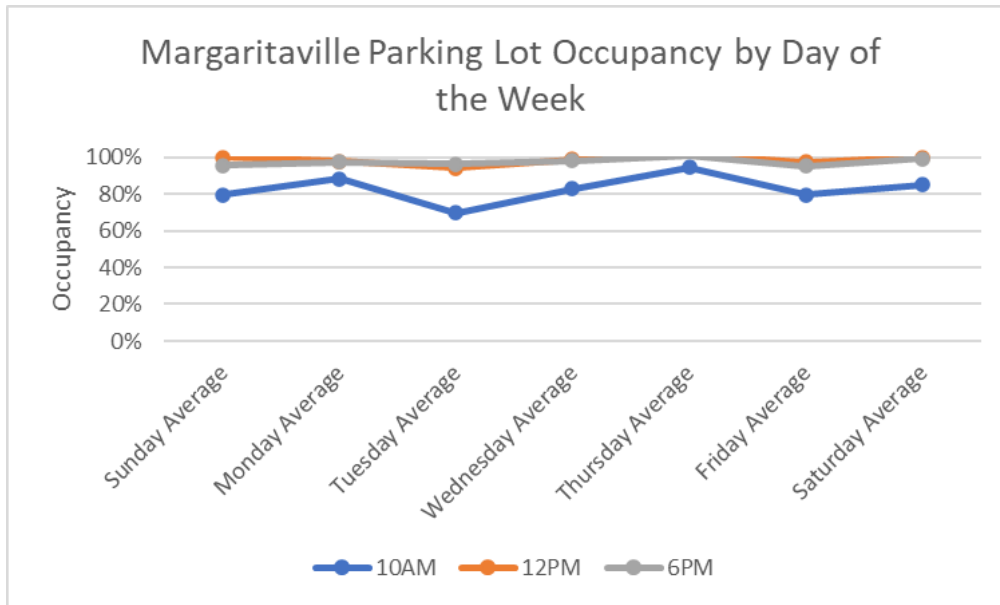


Figure 75: AJ's Parking Lot Occupancy by Day of the Week

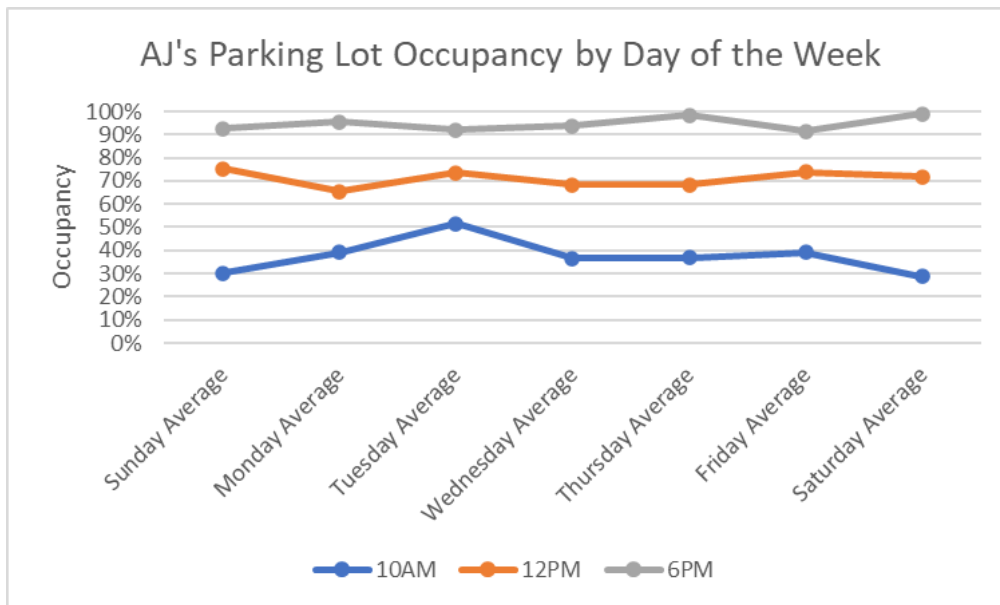


Figure 76: Fatboy's Parking Lot Occupancy by Day of the Week

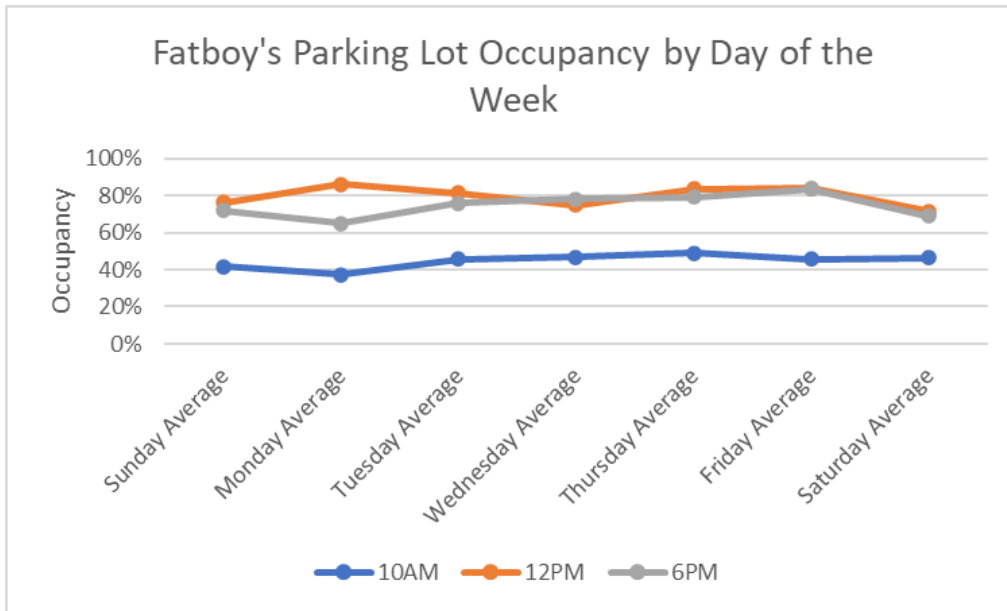


Figure 77: Galati's Parking Lot Occupancy by Day of the Week

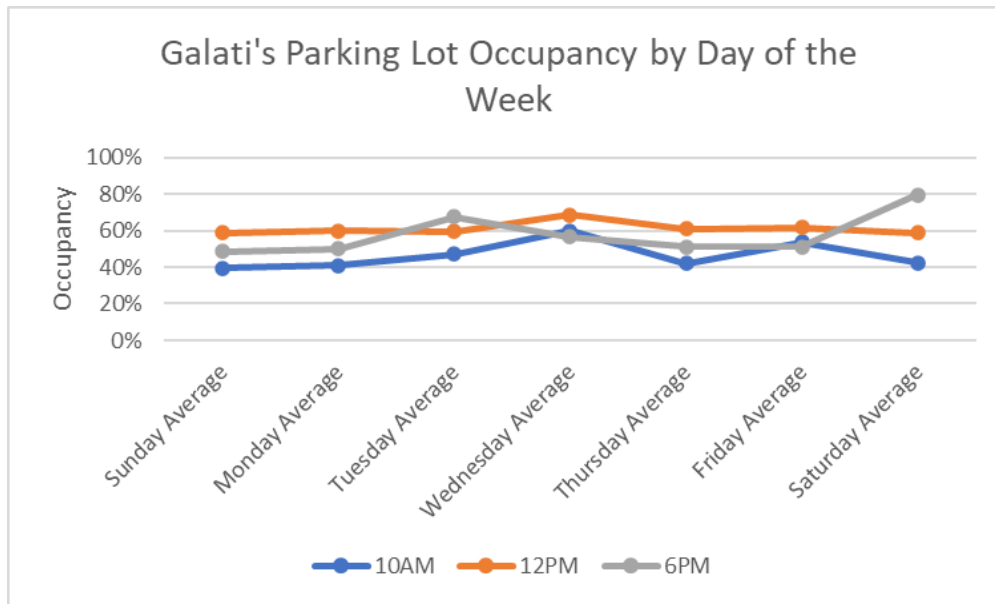


Figure 78: Happy's/Destin Yacht Club Parking Lot Occupancy by Day of the Week

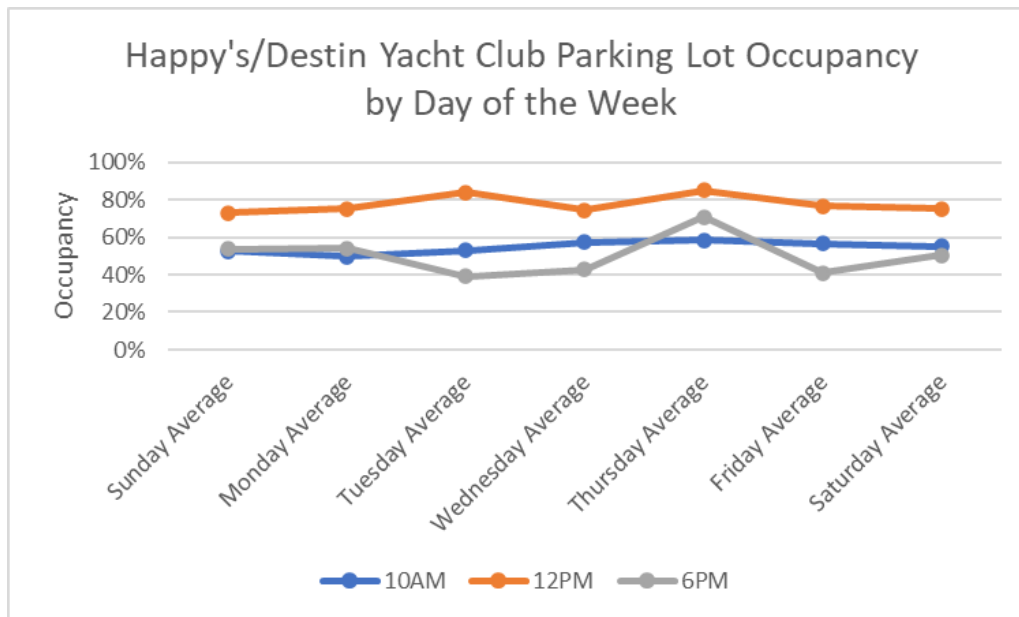


Figure 79: Tailfin's Parking Lot Occupancy by Day of the Week

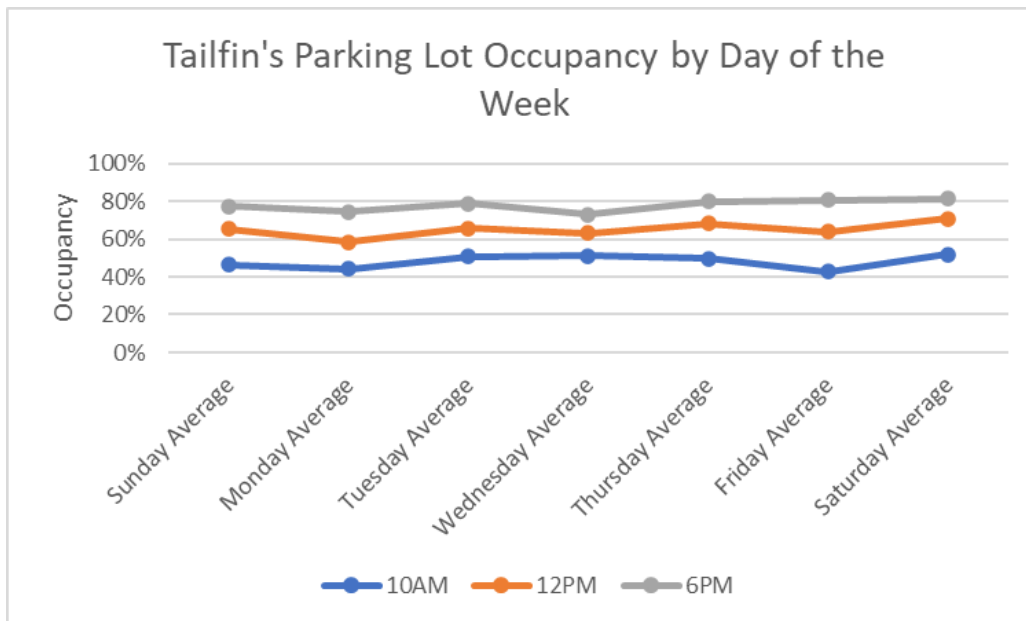


Figure 80: Dewey Destin's Parking Lot Occupancy by Day of the Week

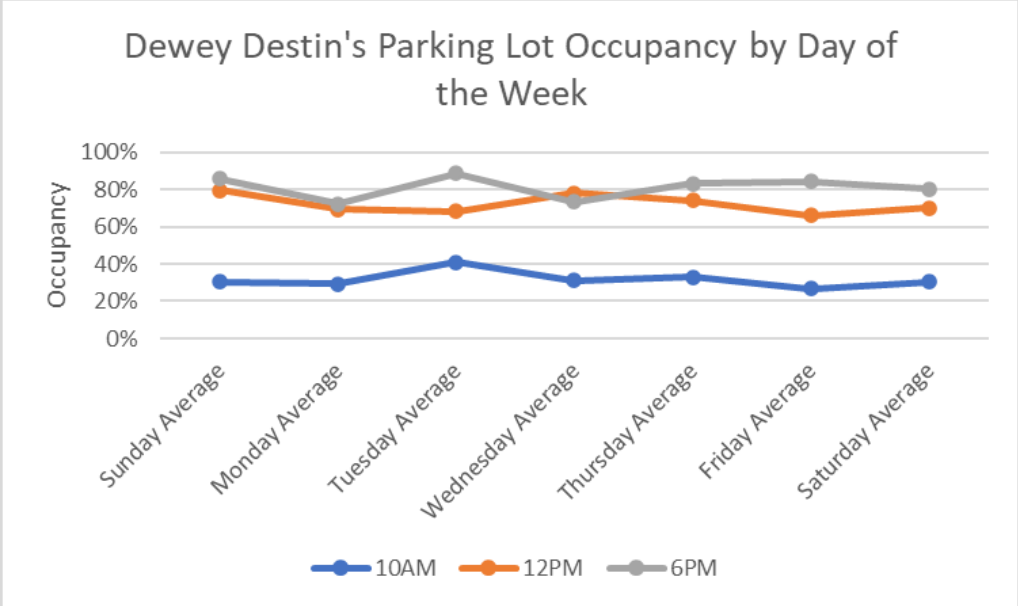


Figure 81: Brotula's Parking Lot Occupancy by Day of the Week

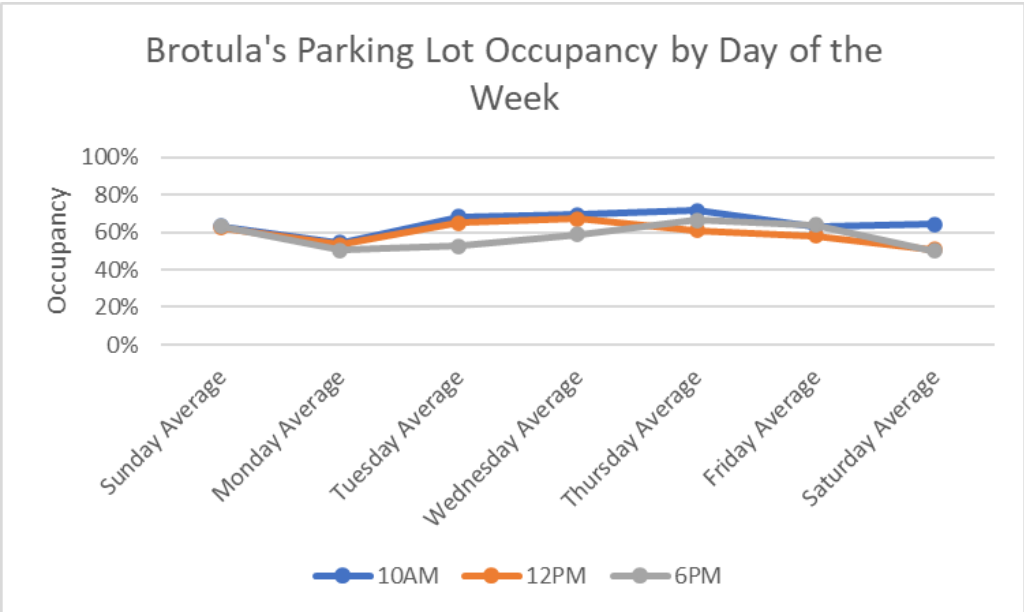
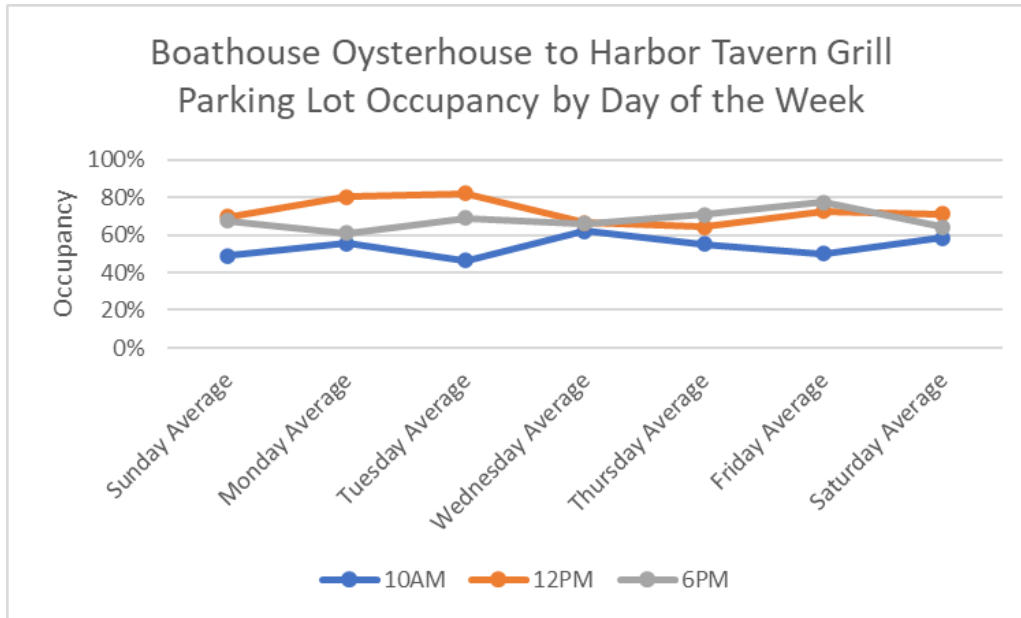


Figure 82: Boathouse Oysterhouse to Harbor Tavern Grill Parking Lot Occupancy by Day of the Week





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Appendix 2: Field Photos

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The Field Photos Appendix serves to orient the reader to data collection observations from the field. Photos were taken at each location to document the conditions at different times of day. Photos were also taken when irregular activity was observed, such as parking in prohibited areas, or if a vessel that did not fit any existing classification frequented the harbor. The purpose of this appendix is to showcase observations from the field that informed data collection methodology, critical assumptions, and decision making throughout the study.

1.0 Destin Harborwalk

1.1 Restaurant Parking Lots

Figure 1.1.1: Tailfin's Restaurant Parking Lot at Full Capacity



Figure 1.1.2: Fatboy's Restaurant Parking Facing Harbor



Figure 1.1.3: Red Door Saloon and Boathouse Oyster Bar Parking Facing Harbor



Figure 1.1.4: Coyote Ugly Parking Lot (East of Stahlman) Facing Bridge



Figure 1.1.5: Coyote Ugly Parking Lot facing Harbor



Figure 1.1.6: Margaritaville Parking Lot (West of Stahlman)



Figure 1.1.7: Marler Public Pay to Park Lot



1.2 Slip Usage

Figure 1.2.1: Regularly Occupied Slips



Figure 1.2.2: Regularly Occupied Slip



Figure 1.2.3: Parallel Vessel Parking



Figure 1.2.4: Perpendicular Vessel Parking



Figure 1.2.5: Overcapacity Slip Occupied by Livery Vessels, east end of Harborwalk



Figure 1.2.6: Overcapacity Slips Occupied by Livery Vessels, East of Margaritaville



Figure 1.2.7: Overcapacity Slips Occupied by Personal Pontoons, East of Tailfin's Restaurant



Figure 1.2.8: Overcapacity Slips Occupied by Livery Vessels East of Margaritaville



Figure 1.2.9: Transient Slips



1.3 Harborwalk - Other

Figure 1.3.1: Fuel Station 1



Figure 1.3.2: Fuel Station 2



2.0 Remaining Parking Lots

2.1 Joe's Bayou

Figure 2.1.1: Joe's Bayou Boat Trailer Parking



Figure 2.1.2: Joe's Bayou Boat Trailer Parking



Figure 2.1.3: Joe's Bayou Irregular Parking



Figure 2.1.4 Joe's Bayou Gravel (Overflow) Lot



Figure 2.1.5: Joe's Bayou Gravel (Overflow) Lot



2.2 Captain Leonard's Park

Figure 2.2.1: Captain Leonard's Reserved (Occupied) Parking



Figure 2.2.2: Captain Leonard's Parking



2.3 Marler Pay-To-Park Public Lot

Figure 2.3.1: Marler Pay-To-Park Public Lot



2.4 Holiday Isle

Figure 2.4.1: View of Holiday Isle Slips from Harbor



Figure 2.4.2: View of Harbor from Norriego Point



Figure 2.4.3: View of Harbor from Norriego Point



3.0 Vessel Traffic in the Harbor

Figure 3.1: Vessels Entering Harbor Due to Impending Storm



Figure 3.2: Vessel that did not fit into Existing Vessel Classifications





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Appendix 3: Data Collection Templates

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This appendix shows the final data collection templates used to record daily data results for vessel traffic, parking, and slippage counts throughout the summer. A different template was used for each of the three data categories listed above to record the appropriate data type.

1.0 Vessel Traffic Count Field Data Collection Template

Vessel Traffic Count Field Data Collection Template		
Date		
Location	Harborwalk	
Shift Counters		
Time		
Fishing Charter Vessel	Enter	
	Exit	
Tour Charter Vessel	Enter	
	Exit	
Livery (Rental) Pontoon Vessel	Enter	
	Exit	
Personal Pontoon Vessel	Enter	
	Exit	
Personal Vessel	Enter	
	Exit	
Sail Boat	Enter	
	Exit	
Jet Ski	Enter	
	Exit	
Non-motor Recreational Crafts	Enter	
	Exit	
NOTES		

Vessel traffic was recorded in the field using pen and paper by tallying each individual vessel in the appropriate row. For example, if a vessel was entering the harbor, the data collector would first identify the vessel classification and mark a tally (I) in the “Enter” row of the appropriate vessel category. To keep data collection simple, a slash was stricken through every four tally marks so that the data could then be organized into tallies of five. This made data analysis more efficient when inputting the numbers into electronic spreadsheets.

2.0 Parking Count Data Collection Template

Parking Capacity Count Template										
Count Date										
10AM										
12PM										
6PM										
	Shift Time	Parking Inventory (Vehicle=Vacant)			Joe's Bayou Overflow OCCUPIED Spaces			Total Occupancy Percentage		
		10AM	12PM	6PM	10AM	12PM	6PM	10AM	12PM	6PM
Other Parkin	Joe's Bayou									
	Captain Leonard's Park									
	Marler Public Parking Lot									
	Holiday Isle									
Harborwalk	Coyote Ugly (east of Stahlman)									
	Margaritaville (west of Stahlman)									
	AJ's Private Parking (east of Coyote Ugly)									
Restaurants	Fatboy's Private Parking									
	Galati's									
	Happy's/Destin Yacht Club									
	Tailfin's									
	Dewey Destin's									
	Brotula's									
	Boathouse Oysterhouse to Harbor Tavern Gril									

Inventory was taken three times a day for every day of data collection. Each day, a random sample of parking lots was chosen and recorded three times. Data collection pairs would pass off the physical data collection sheet to the next pair during shift swaps. For example, each lot beginning with Joe's Bayou and ending at Margaritaville (West of Stahlman) may have been counted three times in one day. For each parking lot, the pair of data collectors would drive through the entire lot and record the number of vacant spots. During data analysis, this number of vacant spots would then be subtracted from the maximum capacity of each lot to get daily parking capacity totals. Joe's Bayou is the only location with a gravel lot used for overflow. Data collectors would record the total amount of vacant spots in Joe's Bayou regular lot, subtract it from the maximum capacity, then *add* the amount of overflow (occupied) vehicles to find daily parking capacity totals for Joe's Bayou as a whole.

3.0 Slip Count Data Collection Template

Harbor Slip Count Data Collection																
Date																
10AM Shift Counters:																
12PM Shift Counters:																
6PM Shift Counters:																
Location	Inventory Type															Totals by Location
	transient slips occupied			regular slips occupied			overcapacity slips			private slips occupied			boat ramps occupied			
	10AM	12PM	6PM	10AM	12PM	6PM	10AM	12PM	6PM	10AM	12PM	6PM	10AM	12PM	6PM	
West of Margaritaville																0
East of Margaritaville to AJ's																0
East of AJ's to Boathouse Oyster Bar																0
East of Boathouse Oyster Bar to the end of the																0
Totals by Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Like parking counts, slip counts were recorded three times a day by three different data collection pairs. The pairs walked from the far west end of the Harborwalk to the east end of the Harbor walk and recorded slip occupancy. The Harborwalk was broken into four sections (shown in the far-left column) for simplicity and consistency.



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Appendix 4: Perception Survey Results

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This Appendix includes data results from 229 surveys that were received between February 3rd and March 20th, 2023. This includes both in-person and mail-in survey results. Both categories of surveys (in-person and mail-in) were collected and recorded in Microsoft Forms, which then automatically analyzed the data. The first section of this appendix provides a high-level overview of results using tables and charts. The raw data follows.

Summer Boating Experience at Destin Harbor Survey

229
Responses

04:33
Average time to complete

Active
Status

1. What is your gender?

Male	166
Female	56
Prefer not to say	7



2. What is the City, State and Zip Code of your permanent residence?

224
Responses

Latest Responses

"37607"
"70808"
"32541"

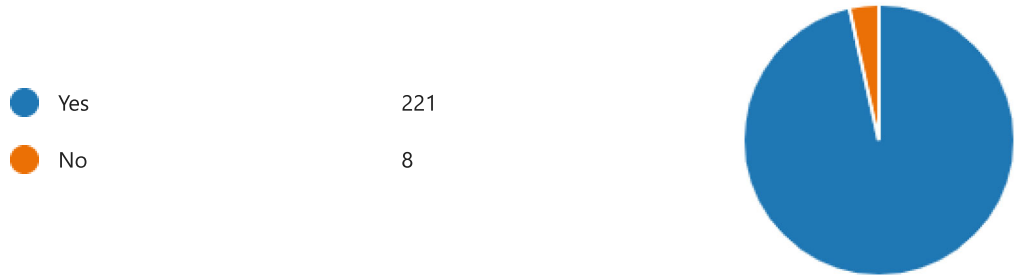
3. How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?

227
Responses

Latest Responses

"4"
"20"
"2"

4. Have you visited the Destin Harbor and/or surrounding waterways before this past summer?

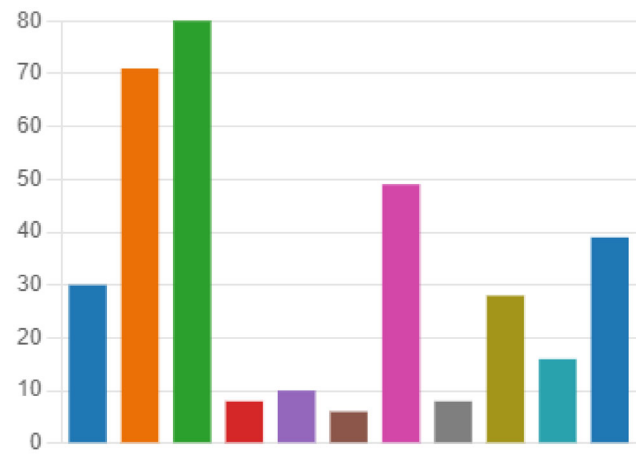


5. If yes, approximately how many times have you visited in the last 3 years?



6. What type of boat(s) did you use during your last visit? (check all that apply)

Runabout/Speedboat/Ski Boat	30
Fishing Boat/Bass Boat	71
Pontoon Boat	80
Sailboat	8
Sailboard/Paddleboard	10
High Performance Boat (cigarett...	6
"V" Hull Boat	49
Flat Bottom Boat/Jonboat	8
Personal Watercraft (jet ski)	28
Rowboat/Kayak/Canoe	16
Other	39



7. Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?

- Yes 138
- No 82



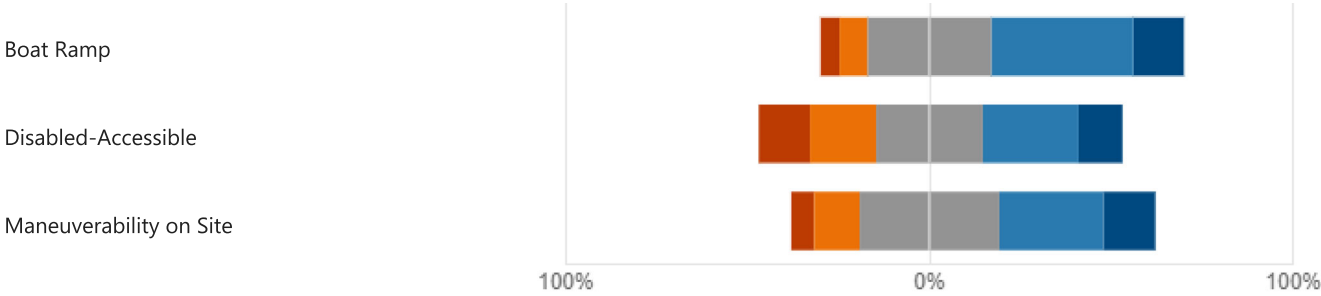
8. If you answered no, would you:

- Use the privately owned launch ... 27
- Use private marina space in the ... 26
- Use the launch ramps in anothe... 22

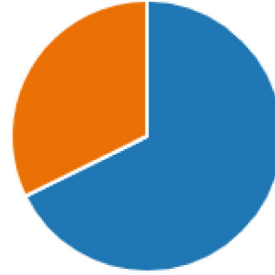


9. How would you personally rate the quality of each item?

- Very Poor
- Poor
- Fair
- Good
- Excellent



10. Are there any favorite locations you go to in this Harbor?



11. Please list your favorite location and reason (be as specific as possible)

155
Responses

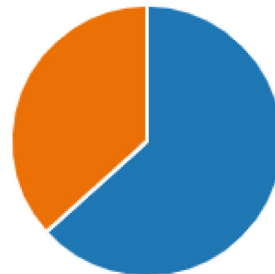
Latest Responses
"Legacy Boat Club - belong to this club"
"Public beach - location"

12. Please list your second favorite location and reason (be as specific as possible)

83
Responses

Latest Responses
"Public beach across from AJs - beach boat there to hangout "
"Norriego Point - residence"

13. Were either of these locations your primary destination?



14. If yes, which one?

84
Responses

Latest Responses
"Legacy boat club"
"Norriego Point "

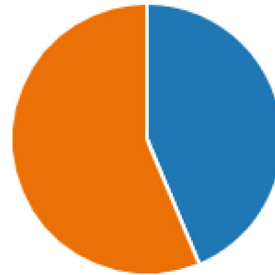
15. If no, what was your primary destination?

40
Responses

Latest Responses

16. Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?

● Yes	97
● No	125



17. Where? Please add location and reason (be as specific as possible)

94
Responses

Latest Responses

18. Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?

● Yes	116
● No	102



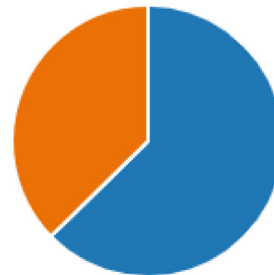
19. Where? Please add location and reason (be as specific as possible)

117
Responses

Latest Responses
"Harbor entrance - so narrow and there are many pontoon drivers tha...
"Pass - irresponsible tourists"

20. Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?

● Yes	136
● No	81



21. If yes, can you describe those changes?

138
Responses

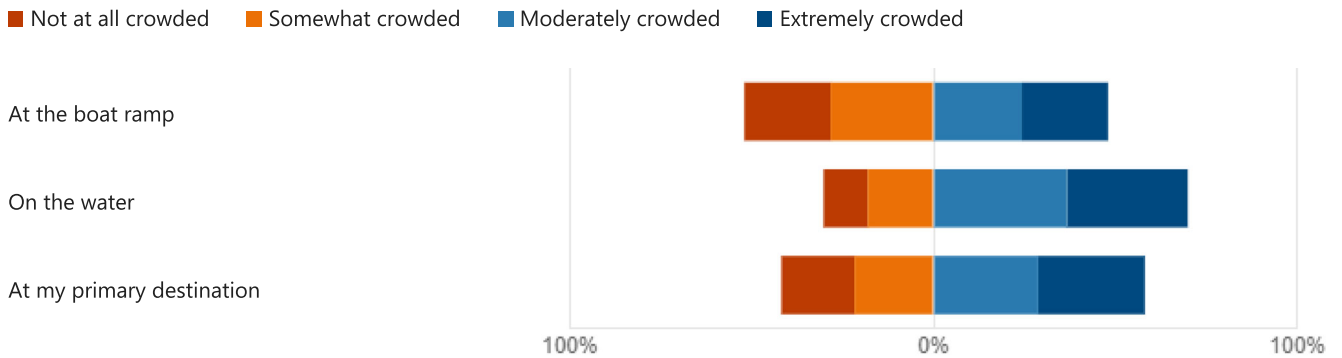
Latest Responses
"Positive - improved public beach area Negative - trash on beach "

22. How did the number of other boaters affect your enjoyment of the Harbor this past summer?

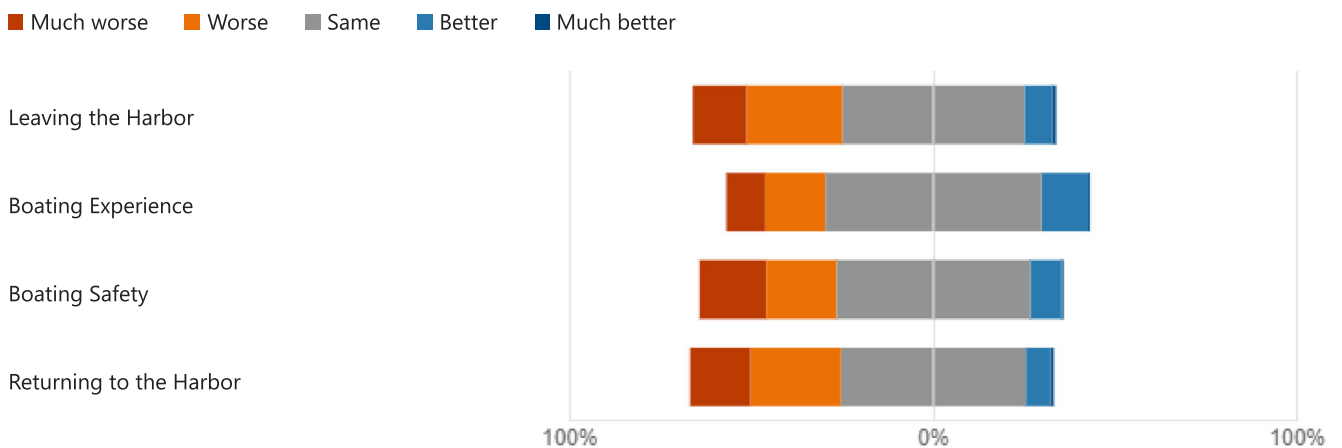
● Added	14
● Neither added nor detracted	72
● Somewhat detracted	44
● Moderately detracted	39
● Extremely detracted	39



23. Did you feel crowded by the number of boaters in the Harbor on any day over the past summer at the following locations?



24. How does your boating experience in the Destin Harbor and surrounding waterways on this trip compare with other boating experiences you've had in the past 3 years?



25. Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact amount, please estimate how much you'd spend on a week-long vacation in Destin

190
Responses

Latest Responses

"\$5400"

"\$2100"

"\$6000"

26. Are you satisfied with the mix of uses and services?

Yes	180
No	35



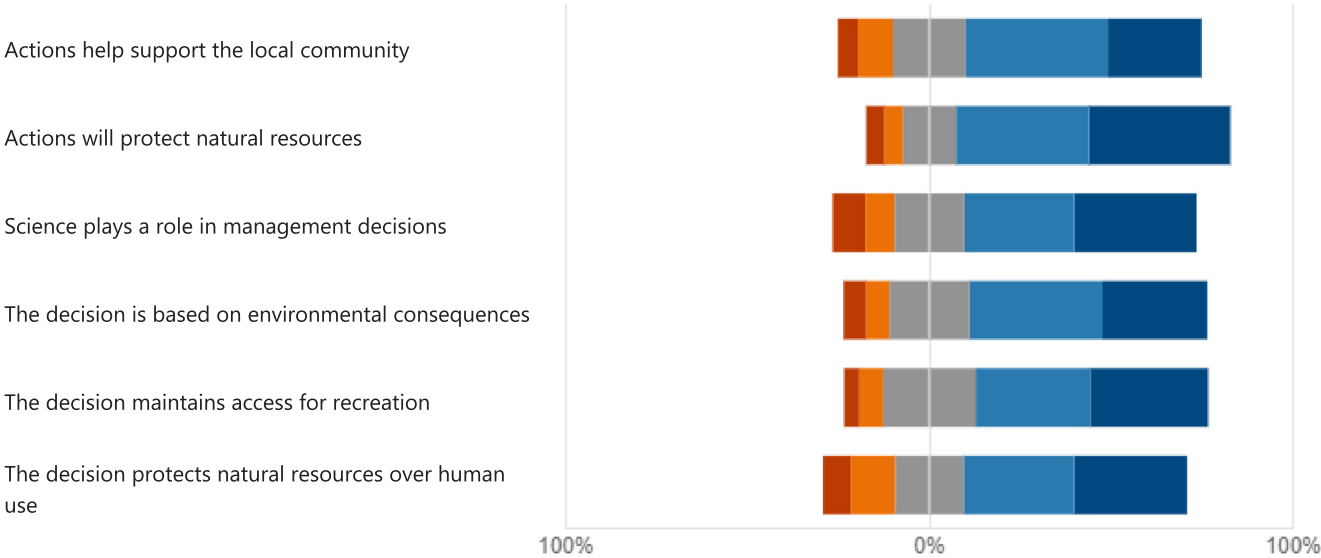
27. If no, why?

38
Responses

Latest Responses

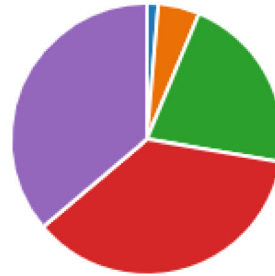
28. How important is each of these items when considering environmental management decisions?

Not at all Slightly Moderately Very Extremely



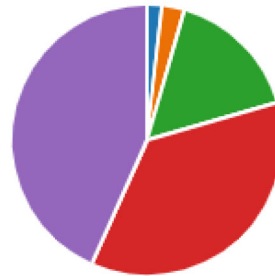
29. How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?

● Not at all	3
● Slightly	11
● Moderately	48
● Very	81
● Extremely	81



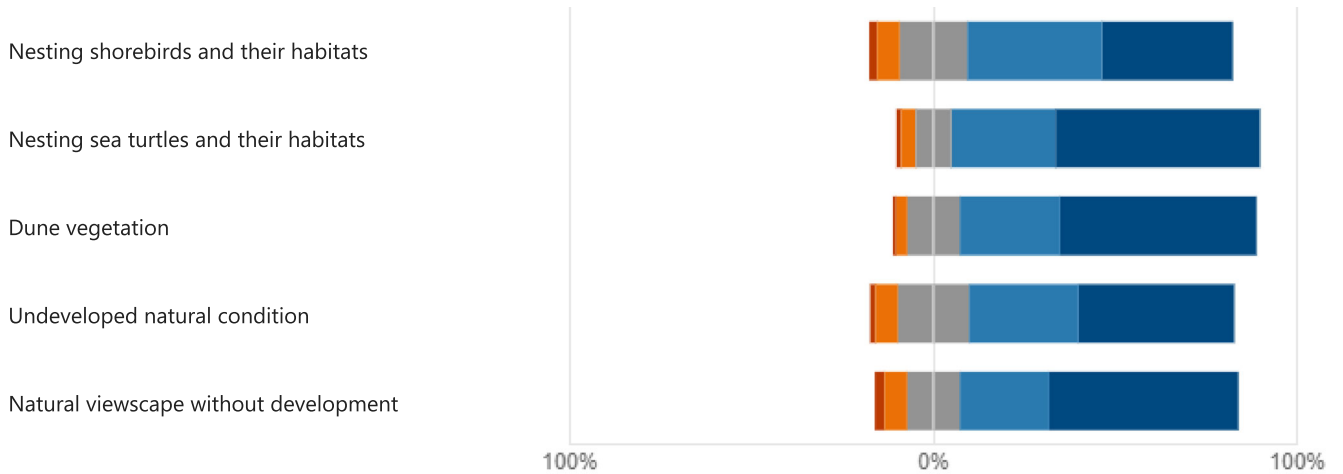
30. How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?

● Not at all	4
● Slightly	6
● Moderately	36
● Very	81
● Extremely	97



31. How important is it to protect each of the following on the Destin Harbor and surrounding waterways?

■ Not at all
 ■ Slightly
 ■ Moderately
 ■ Very
 ■ Extremely



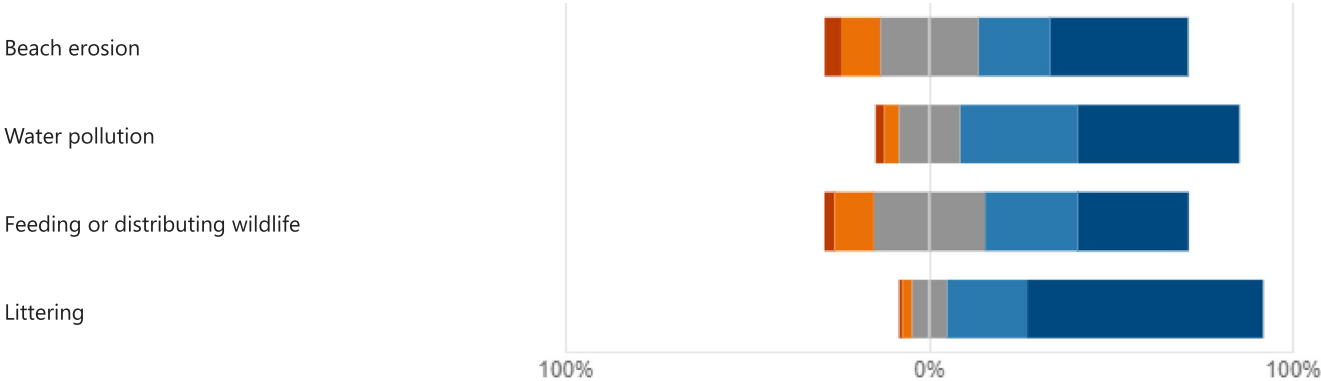
32. What is your perception of water quality in teh Destin Harbor and surrounding waterways?

● Very poor	14
● Poor	33
● Fair	76
● Good	83
● Excellent	19



33. Please rate your level of concern for the following impacts to resources on the Destin Harbor and surrounding waterways:

■ Not at all
 ■ Slightly
 ■ Moderately
 ■ Very
 ■ Extremely



34. During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you feel may cause harm to the environment?

● Yes	103
● No	123



35. If yes, what were they are what is their potential effect?

103

Responses

Latest Responses

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
1	Female	Destin, FL 32578	1	No
2	Female	Destin, FL 32578	1	No
3	Male	Gulf Breeze, FL 32563	10	Yes
4	Female	Destin, FL	1	Yes
5	Male	Destin, FL 32541	6	Yes
6	Male	Athens, GA	1	No
7	Male	Fort Walton, FL 32548	15	Yes
8	Female	Destin, FL 32521	6	Yes
9	Female	Destin, FL 32439	8	Yes
10	Male	Destin, FL 32580	10	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
1		"V" Hull Boat;		
2		Pontoon Boat;"V" Hull Boat;	Yes	
3	300	Pontoon Boat;	Yes	
4	1	Fishing Boat/Bass Boat;High Performance Boat (cigarette boat);"V" Hull Boat;Personal Watercraft (jet ski);Parasail boat;	No	
5	14	Pontoon Boat;"V" Hull Boat;	Yes	
6		Sailboat;	No	
7	26	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Pontoon Boat;Personal Watercraft (jet ski);	Yes	
8	every week	Pontoon Boat;	Yes	
9	10	Fishing Boat/Bass Boat;	Yes	
10	Every weekend	Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;Flat Bottom Boat/Jonboat;Personal Watercraft (jet ski);	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
1				Yes	Norriego Point - quiet
2				Yes	Crab Island - atmosphere
3	Excellent	Good	Good	Yes	Crab Island
4				No	
5				Yes	Crab Island - hangout
6				No	
7	Fair	Fair	Fair	Yes	Norriego Point
8				Yes	Crab Island - hangout
9	Fair	Very Poor	Excellent	Yes	Where there are no people
10	Excellent	Fair	Excellent	Yes	Crab Island

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
1		Yes		
2		Yes		
3	Boathouse	Yes	Crab Island	
4				
5				
6		No		
7		Yes		
8				
9		Yes	Bayou	
10	Reefs			

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
1	Yes	Crab Island	Yes	Harbor entrance - traffic
2	Yes	Crab Island	Yes	Crab Island - traffic
3	Yes	Norriego Point; Dense parts of Crab Island	No	
4	Yes	Crab Island - too crowded	No	
5	No		No	
6	No		No	
7	Yes	Crab Island - rentals	Yes	Crab Island - lack of boating experience; Norriego Point - lack of boating experience
8	No		No	
9	Yes	Crab Island	Yes	Crab Island
10	Yes	Navarre - Coast Guard	Yes	anywhere in the summertime

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
1	No		Somewhat detracted	Not at all crowded
2	No		Moderately detracted	Not at all crowded
3	Yes	There's more on the map and more people coming	Added	Somewhat crowded
4	No		Somewhat detracted	Moderately crowded
5	No		Somewhat detracted	Somewhat crowded
6	No		Extremely detracted	Somewhat crowded
7	Yes	Negative - Too much law enforcement	Somewhat detracted	Somewhat crowded
8	No		Neither added nor detracted	Not at all crowded
9	Yes	Cops do a good job, water, openness	Neither added nor detracted	Somewhat crowded
10	Yes	Negative - people driving boats	Neither added nor detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
1	Moderately crowded	Moderately crowded	Same	Same	Same
2	Moderately crowded	Moderately crowded	Same	Same	Same
3	Somewhat crowded	Moderately crowded	Same	Same	Same
4	Moderately crowded	Extremely crowded	Better	Same	Same
5	Somewhat crowded	Somewhat crowded	Same	Same	Same
6	Somewhat crowded	Somewhat crowded			
7	Moderately crowded	Moderately crowded	Much worse	Much worse	Much worse
8	Not at all crowded	Somewhat crowded	Same	Same	Same
9	Somewhat crowded	Somewhat crowded	Same	Same	Same
10	Moderately crowded	Moderately crowded	Worse	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
1	Same		No	Unsure
2	Same		Yes	
3	Same	\$1400	Yes	
4	Better		Yes	
5	Same	\$2600	Yes	
6			Yes	
7	Much better		Yes	
8	Same	\$2600	Yes	
9	Same	\$2800	Yes	
10	Same	\$1400	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
1	Very	Very	Extremely	Very
2	Very	Very	Moderately	Moderately
3	Extremely	Extremely	Extremely	Extremely
4	Extremely	Extremely	Very	Extremely
5	Very	Very	Very	Very
6	Extremely	Extremely	Very	Very
7	Extremely	Extremely		
8	Very	Very	Very	Very
9	Very	Extremely	Extremely	Extremely
10	Very	Extremely	Not at all	Not at all

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
1	Moderately	Extremely	Extremely	Extremely
2	Moderately	Extremely	Very	Extremely
3	Extremely	Extremely	Not at all	Not at all
4	Very	Extremely	Very	Very
5	Very	Very	Moderately	Very
6	Extremely	Extremely	Extremely	Extremely
7			Not at all	Not at all
8	Very	Very	Moderately	Very
9	Extremely	Very	Extremely	Extremely
10	Moderately	Extremely	Extremely	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
1	Extremely	Extremely	Extremely	Very
2	Moderately	Extremely	Very	Very
3	Extremely	Extremely	Extremely	Extremely
4	Very	Extremely	Extremely	Very
5	Very	Extremely	Extremely	Extremely
6	Moderately	Extremely	Moderately	Extremely
7	Moderately	Extremely	Extremely	Extremely
8	Very	Extremely	Extremely	Extremely
9	Extremely	Extremely	Extremely	Extremely
10	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
1	Extremely	Poor	Extremely	Extremely	Slightly
2	Very	Poor	Moderately	Very	Moderately
3	Extremely	Excellent	Moderately	Very	Not at all
4	Very	Very poor	Extremely	Extremely	Extremely
5	Extremely	Fair	Moderately	Very	Moderately
6	Extremely	Good	Very	Very	Moderately
7	Extremely	Fair	Moderately	Moderately	Moderately
8	Extremely	Fair	Moderately	Very	Moderately
9	Extremely	Good	Extremely	Extremely	Extremely
10	Extremely	Fair	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
1	Extremely	No	
2	Extremely	No	
3	Very	Yes	A bit of littering, but police take care of it. Fireworks are an issue though.
4	Extremely	Yes	Walking on dunes.
5	Very	No	
6	Extremely	No	
7	Moderately	No	
8	Extremely	No	
9	Extremely	No	
10	Extremely	Yes	Not knowing the rules.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
11	Male	Destin, FL	15	Yes
12	Male	FL 32439	8	Yes
13	Male	Destin, FL 32541	1	Yes
14	Male	Pecton (?), FL 32541	3	Yes
15	Female	32547	4	Yes
16	Male	32541	3	Yes
17	Male	32541	1	Yes
18	Male	32569	1	Yes
19	Male	Freeport, FL	30	Yes
20	Male	32536	3	Yes
21	Male	Seattle, WA	7	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
11		Pontoon Boat;Personal Watercraft (jet ski);	Yes	
12	70	Fishing Boat/Bass Boat;	Yes	
13	52	Pontoon Boat;	Yes	
14	1	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	
15		dolphin cruise;	Yes	
16	1	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	
17	3	Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;Flat Bottom Boat/Jonboat;	Yes	
18	3	Pontoon Boat;"V" Hull Boat;	Yes	
19			No	
20	20	Glass bottom;	Yes	
21		Pontoon Boat;tiki/party boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
11	Fair	Fair	Fair	Yes	Norriego Point
12	Fair	Poor	Good	Yes	Open water/Bayous
13				Yes	Gulf Beach
14				Yes	Gulf - fishing
15	Poor	Poor	Excellent	Yes	The Gulf Restaurant
16				Yes	Crab Island - atmosphere
17	Fair	Fair	Fair	No	
18	Fair	Fair	Fair	Yes	Boathouse vicinity - relaxed boating
19	Fair	Fair	Fair	No	
20	Fair	Excellent	Excellent	Yes	Harry T's
21	Good	Fair	Fair	Yes	Crab Island

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
11	Crab Island			
12		Yes		
13		Yes		
14		Yes	Gulf	
15	Baytowne Wharf			
16	Gulf - fishing	Yes	Gulf	
17		No		Bridge boat ram
18	Crab Island - party atmosphere	Yes	Boathouse vicinity	
19				
20	Jester's			
21				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
11	Yes	Crab Island - people don't know how to drive pontoons; Norriego Point - crowded, people don't know where to drive	Yes	Crab Island and Norriego Point - jet ski drivers don't know how to drive/swim
12	Yes	Crab Island	Yes	Crab Island - crowded
13	Yes	Harbor - rental pontoons	Yes	Marina - rental pontoons
14	No		No	
15	No		Yes	Crab Island
16	No		No	
17	Yes	Behind AJ's - fish dumped in water	Yes	Harbor mouth - pontoon boats
18	No		Yes	Crab Island - alcohol consumption
19	Yes	All of the harbor	Yes	The Harbor
20	No		No	
21	Yes	Crab Island	Yes	Under the bridge due to jet skis - alcohol

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
11	Yes	Negative - overpolicing	Somewhat detracted	Moderately crowded
12	Yes	Cops doing a good job, open spots to park for bathroom breaks	Neither added nor detracted	Somewhat crowded
13	Yes	Negative - post covid stress	Somewhat detracted	Not at all crowded
14	Yes	Negative - law enforcement presence	Neither added nor detracted	Somewhat crowded
15	Yes	Negative - bad food	Moderately detracted	Extremely crowded
16	Yes	Negative - law enforcement presence	Neither added nor detracted	Somewhat crowded
17	Yes	Positive - Number of fish has increased	Somewhat detracted	Moderately crowded
18	Yes	Negative - more people	Somewhat detracted	Somewhat crowded
19	No		Moderately detracted	Not at all crowded
20	Yes	Positive - The harbor was the first location that opened post-covid. Open/friendly	Neither added nor detracted	Not at all crowded
21	Yes	More environmentally friendly, but we need more recycling options	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
11	Extremely crowded	Extremely crowded	Same	Same	Same
12	Somewhat crowded	Somewhat crowded	Same	Better	Same
13	Extremely crowded	Moderately crowded	Better	Same	Same
14	Somewhat crowded	Somewhat crowded	Better	Better	Better
15	Extremely crowded	Not at all crowded	Better	Same	Same
16	Somewhat crowded	Somewhat crowded	Better	Better	Better
17	Moderately crowded	Moderately crowded	Better	Better	Better
18	Moderately crowded	Moderately crowded	Same		Same
19	Moderately crowded	Moderately crowded	Same	Same	Same
20	Not at all crowded	Not at all crowded	Worse	Same	Better
21	Extremely crowded	Extremely crowded	Same	Better	Better

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
11	Same		Yes	
12	Same	\$900	Yes	
13	Better	\$2100	Yes	
14	Better		Yes	
15	Better	\$3000No	No	Need better prices
16	Better		Yes	
17	Better	\$1050	Yes	
18	Same	\$7700	Yes	
19	Same	\$2800	Yes	
20	Worse	\$875	Yes	
21	Same	\$200	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
11	Extremely	Extremely		
12	Very	Extremely	Extremely	Extremely
13	Very	Moderately	Slightly	Extremely
14	Very	Very	Very	Moderately
15	Extremely	Extremely	Slightly	Extremely
16	Very	Very	Very	Moderately
17	Extremely	Extremely	Extremely	Extremely
18	Very	Moderately	Moderately	Very
19	Extremely	Extremely	Extremely	Extremely
20	Extremely	Very	Not at all	Slightly
21	Extremely	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
11			Extremely	Extremely
12	Extremely	Not at all	Extremely	Extremely
13	Moderately	Not at all	Very	Extremely
14	Extremely	Slightly	Extremely	Extremely
15	Extremely	Extremely	Extremely	Extremely
16	Extremely	Slightly	Extremely	Extremely
17	Extremely	Extremely	Moderately	Moderately
18	Very	Slightly	Moderately	Moderately
19	Extremely	Extremely	Very	Very
20	Very	Extremely	Extremely	Extremely
21	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
11				
12	Extremely	Extremely	Extremely	
13	Extremely	Extremely	Extremely	Very
14	Very	Very	Extremely	Extremely
15	Extremely	Extremely	Very	Very
16	Very	Very	Extremely	Extremely
17	Extremely	Extremely	Extremely	Extremely
18	Not at all	Extremely	Extremely	Very
19	Very	Extremely	Very	Very
20	Very	Extremely	Moderately	Very
21	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
11		Good	Slightly		
12		Fair	Extremely	Extremely	Extremely
13	Moderately	Poor	Extremely	Extremely	Extremely
14	Extremely	Good	Extremely	Extremely	Moderately
15	Very	Very poor	Moderately	Extremely	Extremely
16	Extremely	Good	Extremely	Extremely	Moderately
17	Extremely	Good	Moderately	Moderately	Moderately
18	Extremely	Fair	Moderately	Moderately	Slightly
19	Extremely	Good	Extremely	Extremely	Very
20	Extremely	Good	Not at all	Moderately	Extremely
21	Extremely	Excellent	Very	Moderately	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
11		No	
12	Extremely	Yes	Littering
13	Extremely	Yes	Feeding wildlife
14	Extremely	No	
15	Extremely	Yes	Littering - cigarettes
16	Extremely	No	
17	Extremely	Yes	Fuel leaks
18	Slightly	No	
19	Extremely	No	
20	Moderately	No	
21	Extremely	Yes	The cannon on the Buc disrupts migratory birds. Fireworks are also an issue.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
22	Male	Destin	8	Yes
23	Male	32501	12	Yes
24	Male		5	Yes
25	Male	32540	1	Yes
26	Male	32541	1	Yes
27	Female	32531	1	Yes
28	Female	Destin	30	Yes
29	Female	36604	6	Yes
30	Male	36605	14	Yes
31	Male	45208	2	No
32	Male	32569	1	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
22		Center console;	Yes	
23	3002	Pontoon Boat;	Yes	
24		Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Inflatable;	Yes	
25	3	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	
26	3	Fishing Boat/Bass Boat;"V" Hull Boat;Flat Bottom Boat/Jonboat;		
27	6		Yes	
28		Fishing Boat/Bass Boat;Pontoon Boat;Sailboat;Sailboard/Paddleboard;Flat Bottom Boat/Jonboat;Rowboat/Kayak/Canoe;Skiff;	Yes	
29	10	Personal Watercraft (jet ski);center console;	Yes	
30	2	Pontoon Boat;Rowboat/Kayak/Canoe;	Yes	
31			No	
32	3	Pontoon Boat;"V" Hull Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
22	Fair	Poor	Poor	Yes	Osteen (?) Beach
23	Fair	Fair	Fair	Yes	Crab Island
24	Good	Good	Good	Yes	It's all great
25				No	Crab Island
26				No	
27	Good	Very Poor	Good	Yes	Margaritaville - attraction
28	Excellent	Excellent	Excellent	Yes	Spector Island - camping
29	Good	Poor	Fair	Yes	Crab Island - fun
30	Good	Poor	Fair	Yes	AJ's - cold drinks and good vibes
31					
32	Fair	Fair	Fair	Yes	Crab Island - party atmosphere

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
22				
23		Yes		
24		Yes		
25		Yes		
26		No		Crab Island
27	Harry T's - food	Yes	Margaritaville	
28	Norriego Point	Yes	Norriego Point	
29	Norriego Point beach - fun	Yes	Crab Island	
30	Tailfin's - cold drinks and good vibes	No		
31				
32		Yes	Crab Island	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
22	Yes	Crab Island - crowded	Yes	Crab Island - busy/crowded
23	No		Yes	Crab Island - overcrowded and inexperienced boaters
24	Yes		No	
25	No		No	
26	No		No	
27	No		No	
28	Yes	Harborwalk side of the harbor - crowded	No	
29	Yes	Crab Island - too busy	Yes	Norriego Point - bottleneck, jet skis
30	Yes	Within the harbor - too many inexperienced boaters	Yes	Within the harbor - too many inexperienced boaters
31				
32	No		Yes	Crab Island - alcohol consumption

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
22	Yes	Crab Island has died down	Added	Extremely crowded
23	No		Somewhat detracted	Moderately crowded
24	No		Neither added nor detracted	Somewhat crowded
25	Yes	Negative - lower water quality	Somewhat detracted	Moderately crowded
26	No		Somewhat detracted	Moderately crowded
27	Yes	Negative - not here often enough	Neither added nor detracted	Not at all crowded
28	Yes	Negative - more family-oriented, less money spent		
29	No		Somewhat detracted	Not at all crowded
30	No		Moderately detracted	Extremely crowded
31				
32	No		Somewhat detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
22	Moderately crowded	Extremely crowded	Same	Better	Better
23	Extremely crowded	Extremely crowded	Same	Same	Same
24	Somewhat crowded	Somewhat crowded	Better	Better	Better
25	Moderately crowded	Moderately crowded	Same	Same	Same
26	Moderately crowded	Moderately crowded	Same	Same	Same
27	Not at all crowded	Not at all crowded	Same	Same	Same
28					
29	Moderately crowded	Moderately crowded	Much worse	Worse	Worse
30	Moderately crowded	Somewhat crowded	Same	Same	Worse
31					
32	Moderately crowded	Extremely crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
22	Same	\$2000	No	There could be better events with more excitement
23	Same		Yes	
24	Better		Yes	
25	Same		Yes	
26	Same		Yes	
27	Same	\$1155	Yes	
28			Yes	
29	Much worse	\$1000	No	Needs better food
30	Same	\$4000	No	More public access
31		\$4000	Yes	
32	Same	\$840	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
22	Very	Very	Very	Extremely
23	Extremely	Extremely	Extremely	Extremely
24	Slightly	Not at all	Moderately	Very
25	Very	Very	Very	Very
26	Very	Very	Very	Very
27	Very	Very	Very	Very
28	Extremely	Extremely	Extremely	Extremely
29	Extremely	Extremely	Extremely	Extremely
30	Extremely	Extremely	Extremely	Extremely
31	Very	Very	Very	Very
32	Very	Slightly	Moderately	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
22	Moderately	Very	Extremely	Extremely
23	Extremely	Extremely	Extremely	Extremely
24	Extremely	Extremely	Moderately	Slightly
25	Very	Very	Moderately	Extremely
26	Very	Very	Moderately	Moderately
27	Very	Very	Very	Extremely
28	Not at all	Extremely	Extremely	Extremely
29	Extremely	Extremely	Extremely	Very
30	Extremely	Extremely	Extremely	Extremely
31	Very	Very	Very	Extremely
32	Very	Slightly	Moderately	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
22	Extremely	Extremely	Extremely	Very
23	Extremely	Extremely	Extremely	Extremely
24	Moderately	Moderately	Very	Moderately
25	Very	Very	Very	Very
26	Very	Very	Very	Very
27	Very	Very	Very	Very
28	Extremely	Extremely	Extremely	Extremely
29	Extremely	Extremely	Extremely	Extremely
30	Extremely	Extremely	Extremely	Very
31				
32	Not at all	Extremely	Extremely	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
22	Very	Poor	Very	Extremely	Very
23	Extremely	Fair	Extremely	Extremely	Extremely
24	Moderately	Good			
25	Very	Fair	Moderately	Very	Moderately
26	Very	Fair	Moderately	Very	Moderately
27	Very	Fair	Very	Very	Very
28	Extremely	Very poor	Extremely	Extremely	Extremely
29	Extremely	Good	Extremely	Extremely	Extremely
30	Very	Fair	Extremely	Very	Very
31					
32	Extremely	Fair	Moderately	Moderately	Slightly

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
22	Extremely	Yes	Boat pollution
23	Extremely	Yes	Littering
24		No	
25	Very	No	
26	Very	No	
27	Moderately	No	
28	Extremely	No	Fishing
29	Extremely	Yes	Saw people litter and feed wildlife
30	Extremely	Yes	Too many inexperienced boaters
31		No	
32	Slightly	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
33	Male	32439	1	Yes
34	Male	32547	16	Yes
35	Male	34684	2	Yes
36	Female	Destin	6	Yes
37	Female	32459	8	Yes
38	Female	45233	2	No
39	Male	32566	1	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
33	116	Fishing Boat/Bass Boat;Pontoon Boat;Personal Watercraft (jet ski);	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
34		Crew boat 40';	Yes	
35		Cabin cruiser;	Yes	
36	12	Fishing Boat/Bass Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
37		Center console;	Yes	
38			No	
39	105	Personal Watercraft (jet ski);Rowboat/Kayak/Canoes;Charter vessel ;	Yes	

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
33	Excellent	Excellent	Excellent	Yes	Joe's Bayou - accessibility/parking
34	Excellent	Excellent	Poor	Yes	Norriego Point
35	Excellent	Poor	Excellent	Yes	Crab Island
36	Fair	Good	Fair	Yes	Docks - where I keep my boat
37	Fair	Very Poor	Excellent	Yes	Harry T's; Crab Island
38				No	
39	Poor	Poor	Poor	Yes	Public ramp next to Okaloosa Island

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
33				
34				
35				
36		Yes	Docks	
37				
38		No		
39				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
33	No		Yes	Crab Island - nobody knows how to drive
34	Yes	Crab Island	Yes	Entrance to harbor - people don't understand the right of way; Crab Island
35	Yes	Avoid the bay if weather is bad	No	
36	Yes	We have to go through then out to the bridge, it's horrible	Yes	Bridge - feel unsafe from tourists by the bridge
37	Yes	Crab Island - busy	Yes	Crab Island - crowded and drunk people
38	No		No	
39	Yes	South side... boat ramp (?)	Yes	South side... boat ramp (?)

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
33	No		Extremely detracted	Somewhat crowded
34	Yes	Positive - plenty of law enforcement; Negative - increase in pontoons	Moderately detracted	Extremely crowded
35	Yes	Negative - outer jetty falling apart due to the tide	Neither added nor detracted	Not at all crowded
36	Yes	Negative - overload of rental vessels	Moderately detracted	Somewhat crowded
37	Yes	Negative - food has gotten worse	Somewhat detracted	Extremely crowded
38	No			
39	No		Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
33	Extremely crowded	Somewhat crowded	Better	Same	Same
34	Extremely crowded	Extremely crowded	Worse	Better	Better
35	Not at all crowded	Not at all crowded	Same	Same	Same
36	Extremely crowded	Extremely crowded	Same	Same	Same
37	Moderately crowded	Extremely crowded	Better	Same	Same
38					
39	Moderately crowded	Somewhat crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
33	Same	\$1100	Yes	
34	Worse	\$1750	Yes	
35	Same	\$7000	No	Needs more parking/slips
36	Same		Yes	
37	Better	\$6000	No	Needs more shops and food trucks (food is overpriced)
38		\$3360		
39	Much worse		Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
33	Very	Very	Slightly	Slightly
34	Extremely	Extremely	Extremely	Very
35	Very	Very	Very	Very
36	Moderately	Moderately	Moderately	Moderately
37	Extremely	Extremely	Extremely	Extremely
38	Moderately	Moderately	Moderately	Moderately
39	Extremely	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
33	Moderately	Extremely	Extremely	Extremely
34	Extremely	Very	Extremely	Extremely
35	Very	Very	Extremely	Extremely
36	Moderately	Moderately	Very	Very
37	Extremely	Extremely	Extremely	Extremely
38	Moderately	Moderately	Extremely	Extremely
39	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
33	Extremely	Extremely	Extremely	Extremely
34	Extremely	Extremely	Extremely	Extremely
35	Extremely	Extremely	Moderately	Extremely
36	Slightly	Slightly	Moderately	Slightly
37	Extremely	Extremely	Extremely	Extremely
38				
39	Moderately	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
33	Extremely	Excellent	Extremely	Extremely	Extremely
34	Extremely	Fair	Extremely	Extremely	Very
35	Extremely	Good	Moderately	Extremely	Very
36	Very	Poor	Slightly	Not at all	Slightly
37	Extremely	Very poor	Very	Extremely	Extremely
38					
39	Extremely	Good	Moderately	Very	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
33	Extremely	Yes	Dredging Crab Island
34	Extremely	Yes	Running through grass beds with boats
35	Slightly	Yes	Only boats, but they do a good job regarding oil spills and protecting wildlife. Helicopter is a hazard.
36	Moderately	No	
37	Very	Yes	Pollution from pontoons
38		No	
39	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
40	Male	32541	resident	Yes
41	Female	32566	1	Yes
42	Male	Destin, FL	36	Yes
43	Female	Destin, FL	1	Yes
44	Male		6	Yes
45	Male	Navarre, FL	20	Yes
46	Female	Destin FL 32541	2	Yes
47	Male	32425	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
40	resident	Sailboat;Buccaneer;	Yes	
41		High Performance Boat (cigarette boat);	Yes	
42		Catamaran;	Yes	
43	3	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	
44		Fishing Boat/Bass Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
45	12	Pontoon Boat;	Yes	
46	daily, I live here	Runabout/Speedboat/Ski Boat;	Yes	
47	50+	Fishing Boat/Bass Boat;"V" Hull Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
40	Fair	Fair	Fair	Yes	Harborwalk - work
41	Excellent	Poor	Good	Yes	McGuire's - good food
42	Fair	Very Poor	Poor	Yes	Crab Island
43	Good	Good	Good	Yes	Norriego Point - beach
44	Fair	Good	Fair	Yes	Dock by East Pass marina - where I keep my boat
45	Poor	Fair	Fair	Yes	Norriego Point
46	Good		Fair	Yes	AJ's for lunch
47	Good	Good	Good	Yes	Office - 506 Harbor Blvd - my dock, because I have a dock and boat lift there.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
40	Heron Harbor - work	Yes	both, run boating companies	
41	Krispy Kreme - only one in the area	Yes	Crab Island	
42		Yes		
43		Yes		
44		Yes	Dock	
45		No		Fishing and boating
46	Norriego Point for the beach and to picnic	No		Crab Island
47	Harbor dock restaurants to eat.	Yes	Office	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
40	Yes	Public channel s-curve in Harbor between 3+4 marker - too shallow to traverse	Yes	Crab Island - drunk boaters
41	Yes	Crab Island when it's busy - crowded	Yes	Bridge - fast traffic
42	Yes	Crab Island	Yes	Crab Island
43	Yes	Harbor during holidays - traffic	Yes	Mouth of harbor
44	Yes	Bridge area in about half mile is bad	Yes	Bridge and in half mile
45	Yes	The Pass - too many boats	Yes	The Pass - too many boats
46	No		No	
47	Yes	beach/sand area. It's too crowded, dangerous, drunks, and too loud.	Yes	Harbor entrance and crab island. They're too dangerous at certain times.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
40	Yes	Negative - too shallow	Somewhat detracted	Extremely crowded
41	No		Neither added nor detracted	Moderately crowded
42	Yes	Overcrowding after covid	Somewhat detracted	Moderately crowded
43	No		Somewhat detracted	Not at all crowded
44	Yes	Negative - too many rental pontoons	Moderately detracted	Not at all crowded
45	No		Neither added nor detracted	Somewhat crowded
46	Yes	Positive - they widened the harbor at the mouth	Neither added nor detracted	Somewhat crowded
47	Yes	Positive: Flushing station - clearing [dericict?] boats Negative: too many pontoon boats, wave runners, and inexperienced boaters	Extremely detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
40	Extremely crowded	Extremely crowded	Same	Same	Same
41	Not at all crowded	Not at all crowded			
42	Moderately crowded	Extremely crowded	Worse	Better	Worse
43	Not at all crowded	Not at all crowded	Worse	Worse	Same
44	Extremely crowded	Extremely crowded	Same	Same	Same
45	Not at all crowded	Extremely crowded	Same	Same	Same
46	Somewhat crowded	Moderately crowded	Same	Same	Same
47	Extremely crowded	Extremely crowded	Much worse	Worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
40	Same		Yes	
41			Yes	
42	Worse	\$4000	No	Need better events and more excitement
43	Worse	\$4800	Yes	
44	Same		No	Too many rentals
45	Same		Yes	
46	Same	\$500/week	Yes	
47	Much worse	\$1850/week	No	Harbor has become too crowded

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
40	Extremely	Extremely	Extremely	Extremely
41	Extremely	Extremely	Extremely	Very
42	Very	Extremely	Extremely	Extremely
43	Extremely	Extremely	Extremely	Extremely
44	Moderately	Moderately	Moderately	Moderately
45	Very	Very	Moderately	Moderately
46	Moderately	Very		
47	Extremely	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
40	Extremely	Extremely	Extremely	Extremely
41	Extremely	Extremely	Extremely	Extremely
42	Very	Very	Very	Very
43	Extremely	Extremely	Extremely	Extremely
44	Moderately	Moderately	Very	Very
45	Extremely	Slightly	Very	Very
46	Moderately	Very	Very	Very
47	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
40	Extremely	Extremely	Extremely	Extremely
41	Extremely	Extremely	Extremely	Extremely
42	Extremely	Extremely	Extremely	Very
43	Extremely	Extremely	Extremely	Extremely
44	Slightly	Slightly	Moderately	Slightly
45	Moderately	Very	Very	Very
46	Extremely	Extremely	Extremely	Very
47	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
40	Extremely	Fair	Moderately	Moderately	Slightly
41	Extremely	Good	Very	Very	Very
42	Extremely	Poor	Very	Extremely	Very
43	Extremely	Fair	Extremely	Extremely	Extremely
44	Very	Poor	Slightly	Not at all	Slightly
45	Moderately	Fair	Moderately	Extremely	Slightly
46	Very	Good	Very	Very	Very
47	Extremely	Good	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
40	Slightly	No	
41	Extremely	Yes	
42	Extremely	Yes	Boat pollution/spills
43	Extremely	Yes	Fishing season too long; littering
44	Moderately	No	
45	Extremely	No	
46	Very	Yes	Littering in the harbor - we scoop out trash every time we go.
47	Extremely	Yes	Inexperienced boaters, especially pontoon boats and wave runners. They're not concerned with trash or fuel spills, drunkenness, and are dangerous with anchoring and rules of the marine waterways and harbors.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
48	Prefer not to say			Yes
49	Male		6	Yes
50	Male	Destin, FL 32541	4	Yes
51	Male	Destin, FL 32541	3	Yes
52	Male	Destin, FL 32541	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
48				Use private marina space in the Destin Harbor and surrounding waterways
49	1 to 2 times per week.		Yes	
50	20	Pontoon Boat;	Yes	
51		Fishing Boat/Bass Boat;	Yes	
52	15	Flat Bottom Boat/Jonboat;Rowboat/Kayak/Canoe;Sailboard/Paddleboard;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
48	Good		Good	No	
49	Fair	Fair	Fair	No	
50	Good	Fair	Fair	No	
51	Good	Excellent	Good	Yes	Norriego Point (Booat Parked at the shore). Reason: Beach, kids play in the sand and swim
52	Good	Very Poor	Poor	Yes	East end. Reason: Less Trashy Tourists (Location on very east part of map in the harbor).

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
48				
49				
50				
51	Docks. Reason: Routinely dock at various restaurants for lunch/dinner	Yes	Norriego Point	
52	Harbor Docks Area. Reason: Less trashy tourists (Location is a little further west of first location, toward middle of harbor).	Yes	East end	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
48	No		No	
49	Yes	Emerald Grand (eyesore)	Yes	Crab Island. Reason: Obvious,
50	No		Yes	Entering the mouth of the harbor (too narrow, major congestion)
51	Yes	We will not enter the harbor on weekends during summer because there is too much boat traffic, inexperienced rental boaters, and lots of commercial boats (fishing).	Yes	Again, the harbor, but mainly around the mouth of the harbor. Reason is no wake zone is not obeyed by the dozens of rental boats at times. Also, parasail boat almost never abide by no wake and do not ever give way,
52	Yes	Entire West end (harbor). Too many trashy tourists.	Yes	Same (west end of harbor, trashy tourists).

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
48		More transient slips at City Park.	Neither added nor detracted	Moderately crowded
49	Yes	Overdeveloped	Moderately detracted	
50	Yes	Positive is extension of Norriego Point	Moderately detracted	Extremely crowded
51		Positive: more no wake signs. Negative: Increased rental traffic, erosion of Norriego Point.	Moderately detracted	Somewhat crowded
52	Yes	Negative: Too many untrained and drunk or impaired operators of rental boats.	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
48	Moderately crowded	Not at all crowded	Same	Same	Same
49					
50	Moderately crowded	Moderately crowded	Same	Same	Same
51	Extremely crowded	Extremely crowded	Same	Same	Same
52	Extremely crowded	Somewhat crowded	Much worse	Worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
48	Same	300 at restaurants, 100 for groceries, 20 for gas.	Yes	
49			Yes	
50	Same	150 for restaurants and 50 for boat repairs/fuel	Yes	
51	Same	2000 at restaurants, 500 for groceries, 750 for boat repairs/fuel, 500 other boating expenses, 400 tackle and equipment, 200 bait and lures, 50 gas for auto.	Yes	
52	Much worse	300 on restaurants, 300 on groceries, 150 on boat repairs/fuel, 100 on gas for auto, 100 for sporting goods.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
48	Slightly	Moderately	Not at all	Not at all
49	Very	Very	Very	Very
50	Moderately	Slightly	Slightly	Moderately
51	Extremely	Extremely	Extremely	Extremely
52	Extremely	Extremely	Very	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
48	Extremely	Slightly	Slightly	Very
49	Very	Very	Very	Extremely
50	Extremely	Moderately	Moderately	Moderately
51	Extremely	Moderately	Very	Very
52	Not at all	Extremely	Very	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
48	Slightly	Moderately	Extremely	Moderately
49	Very	Very	Very	Very
50	Not at all	Slightly	Moderately	Moderately
51	Moderately	Extremely	Extremely	Very
52	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
48	Slightly	Good	Moderately	Slightly	Slightly
49	Very	Poor	Extremely	Extremely	Very
50	Extremely	Good	Extremely	Very	Slightly
51	Moderately	Fair	Extremely	Moderately	Moderately
52	Not at all	Very poor	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
48	Very	No	
49	Extremely	Yes	Crab Island pollution
50	Extremely	No	
51	Extremely	Yes	Littering
52	Extremely	Yes	6 rental vessels in a slip permitted by army corps of engineers for occupancy by one vessel. Someone in Mobile is asleep at the wheel!

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
53	Male	Destin, FL 32541	2-4	Yes
54	Male	Destin, FL 32541	10	Yes
55	Male	Destin, FL 32541	4	Yes
56	Prefer not to say	Destin, FL 32541	10	Yes
57	Male	Jacson, MS 39211	10+	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
53	50	"V" Hull Boat;	Yes	Use the launch ramps in another City
54	60	25.6 Dusky Twin 175 HP;	Yes	
55	90+	Pontoon Boat;Sailboard/Paddleboard;	Yes	
56	160+	Pontoon Boat;	Yes	
57	20	Fishing Boat/Bass Boat;Sailboard/Paddleboard;"V" Hull Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
53	Good		Fair	Yes	Pump out station. Reason: Fishing
54	Excellent	Good	Excellent	No	
55				Yes	Destin Marina/Dewey Destin's. Reason: Boat ramp/dining
56				Yes	Jetties. Reason: See dolphins.
57	Good	Good	Good	No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
53	Harbor Docks. Reason: Restaurant/Dining	Yes	Both (Pump Out Station and Docks)	
54		No	Gulf or Bay	
55	Boathouse restaurant and bar. Reason: Dinging/Drinking	No		Cruising (no real destination)
56	Crab Island. Reason: Socialize	Yes	Not specified	
57				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
53	Yes	Entrance	Yes	Entrance to harbor because of congestion and small craft (i.e. kayaks and paddle boards)..
54	No		Yes	Entrance to harbor. Reason: Traffic and jet skis. Also new round tiki huts, pontoon rentals, para-sail boats that create wakes speeding to make fast turnarounds.
55	No		Yes	Mouth of the harbor. Reason: Congestion/tourists who don't know RR
56				
57	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
53	Yes	Negative: Congestion, too many livery vessels. Also, permanently moored boats no at docks.	Added	Extremely crowded
54	Yes	Positive: Removing of some wrecks. Negative: Increased rental and recreational traffic - no limit on rentals or commercial businesses. Boaters who use short term rentals on jet skis are not familiar with the rules of the road on water.	Somewhat detracted	Not at all crowded
55	No		Somewhat detracted	Not at all crowded
56	Yes	Negative: Crab Island needs restroom accesses		
57			Added	Not at all crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
53	Extremely crowded	Extremely crowded	Much worse	Worse	Worse
54	Moderately crowded	Not at all crowded	Worse	Same	Same
55	Moderately crowded	Not at all crowded	Worse	Same	Worse
56					
57	Not at all crowded	Not at all crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
53	Much worse		No	Too many livery vessels, i.e. pontoon boats and wave runners.
54	Worse	100 on restaurants, 100 on groceries, 150 on boat reports/fuel, 50 on tackle and equipment, 100 on bait.	Yes	
55	Much worse	2000 at restaurants, 80 for launch fees, 1000 for boat repairs/fuel, 750 for other boating related expenses, 750 for sporting goods.	Yes	
56			No	Would like more natural areas for residents vs. tourists
57	Same	3000 at restaurants, 5000 on groceries, 25 on launch fees,	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
53	Moderately	Very	Very	Very
54	Extremely	Extremely	Moderately	Very
55	Extremely	Extremely	Extremely	Extremely
56				
57	Not at all	Not at all	Not at all	Not at all

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
53	Moderately	Very	Very	Very
54	Extremely	Moderately	Moderately	
55	Moderately	Extremely	Extremely	Extremely
56			Moderately	Very
57	Not at all	Not at all	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
53	Very	Very	Very	
54	Very	Very	Extremely	Extremely
55	Extremely	Extremely	Extremely	Extremely
56				
57	Slightly	Slightly	Not at all	Not at all

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
53	Moderately	Poor	Moderately	Very	Very
54	Extremely	Good	Very	Extremely	Moderately
55	Extremely	Fair	Very	Extremely	Extremely
56		Fair			
57	Not at all	Excellent	Extremely	Not at all	Not at all

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
53	Extremely	Yes	Oil/fuel slicks on water surface
54	Extremely	No	
55	Extremely	Yes	Beaching boats on shorelines; litter from commercial activities (harbor and crab island)
56		Yes	Trash, lack of restrooms
57	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
58	Male	Fort Walton Beach, FL 32548	8	Yes
59	Female	Destin, FL 32541	3	Yes
60	Female	Fort Walton Beach, FL 32547	3	Yes
61	Female	Destin, FL 32541	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
58	20	Pontoon Boat;Personal Watercraft (jet ski);Power cat;	Yes	
59	50+	None;	No	Use the launch ramps in another City
60	15		Yes	Use the launch ramps in another City
61	Every week/end part time residence	Fishing Boat/Bass Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
58	Fair	Fair	Fair	Yes	Beach/ West side pass. Reason: Beach access and fireworks (Location around Jetty at very west of map)
59				Yes	O'Steen Public Beach Access. Reason: Less development/natural dunes/less busy
60	Fair	Poor	Fair	Yes	Boathouse restaurant. Reason: Good food, nice view
61	Fair	Fair	Fair	Yes	Harbor Tavern (Destin Harbor). Reason: Small, less busy and more friendly and less tourists.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
58	Beach access point. Reason: Beach access (Location around Norriego Point)	Yes	Beach/west side pass	
59	Norriego Point. Reason: less development/natural dunes	Yes	O'steen Public Beach	
60	AJs Restaurant. Reason: good food, spectacular view	Yes	AJs in the harbor	
61	Dewey Destins. Reason: Food, local favorite for off season, very friendly.	No		Joe's Bayou (Primary Residence)

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
58	No			
59	Yes	Crab Island. Reason: Too busy with rude tourists and boaters who can't drive.	Yes	Crab Island (Same Reason: Too busy with rude tourists and boaters who can't drive.)
60	Yes	Crab Island. Reason: Too much traffic and drinking	No	
61	Yes	Crab Island. Reason: Very overcrowded, way too many pontoons w/ uneducated drivers Public Beach. Reason: overcrowded with very not so friendly tourists.	Yes	Destin Crab Island. Reason: Boat rentals are out of control (Jet Skis and pontoons) Pass. Reason: Just crazy boaters everywhere. We just need to get out to fish in the gulf and very difficult at times.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
58	Yes	Positive: Eglin AFB closed west side of pass. Negative: trash and fuel in water	Neither added nor detracted	Not at all crowded
59	Yes	Positive: Free resident public parking to access. Negative: Too busy	Extremely detracted	Moderately crowded
60	Yes	Positive: More choices in restaurants. Negative: Water quality	Moderately detracted	Somewhat crowded
61	Yes	Positive: Added the firehouse close to crab Island, very much needed. Negative: Overcrowded, too many boat rentals, it is way too crazy on Crab Island used to be for to go there	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
58	Moderately crowded	Moderately crowded	Worse	Same	Worse
59	Extremely crowded	Moderately crowded			
60	Somewhat crowded	Somewhat crowded	Same	Same	Much worse
61	Extremely crowded	Somewhat crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
58	Worse	1000 on tackle and equipment, 500 on bait/lures	Yes	
59		100 pm restaurants, 300 on groceries	No	Harborwalk has tacky loud tourist traps that the noise carries over to.
60	Same	100 for restaurants, 10 for parking fees	Yes	
61	Much worse	800 on restaurants, 500 on groceries, 750 on boat repairs/fuel, 600 on tackle and equipment, 200 on gas for auto, 250 on attractions/entertainment.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
58	Slightly	Very	Very	Very
59	Moderately	Very	Moderately	Moderately
60	Extremely	Moderately	Extremely	Very
61	Extremely	Extremely	Moderately	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
58	Slightly	Extremely	Extremely	Moderately
59	Extremely	Moderately	Moderately	Extremely
60	Slightly	Not at all	Extremely	Extremely
61	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
58	Extremely	Extremely	Extremely	Extremely
59	Extremely	Extremely	Extremely	Extremely
60	Extremely	Extremely	Extremely	Extremely
61	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
58	Extremely	Poor	Moderately	Very	Moderately
59	Extremely	Very poor	Moderately	Extremely	Very
60	Very	Fair	Extremely	Extremely	Very
61	Extremely	Poor	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
58	Very	Yes	Prop cutting through grass beds. Crab Island area and the east grass flat near FWB. Primarily pontoon rentals dragging the prop. ALL DAY!
59	Very	Yes	Boat emissions, trash in water, kids/people chasing blue herons, dogs on public beach where prohibited, people walking/ peeing in dunes
60	Very	Yes	Crab Island people who drink and drive piss on the water. Alcohol makes it an unsafe area.
61	Extremely	Yes	Natural areas disturbed by visitors that don't seem to care much.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
62	Female	Destin, FL 32541	10	Yes
63	Male	Destin, FL 32541	0	No
64	Female	Kunkletown, PA 18058	3	Yes
65	Male	Niceville, FL 32578	50	Yes
66	Male	Destin, FL 32541	8	Yes
67	Male	Destin, FL 32541	5	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
62	Dozens	Pontoon Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
63			No	
64	4	High Performance Boat (cigarette boat);	Yes	
65	50	Sportfish/Center Console;	Yes	
66	10	Pontoon Boat;	Yes	
67	Live here	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Sailboard/Paddleboard;"V" Hull Boat;Personal Watercraft (jet ski);	No	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
62				Yes	Norriego Point. Reason: fun, easy way to enjoy beach and water
63				No	
64	Good	Excellent	Good	No	
65	Fair	Fair	Fair	Yes	Co-op. Reason: Bait/Tackle (Location around boardwalk)
66				Yes	Norriego Point - Just park boat and walk around. Reason: Lots of friends in this area - kids can swim without worrying about tide pulling them out.
67	Good		Good	Yes	Harbor Tavern. Reason: Food

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
62		Yes	Norriego Point	
63				
64				
65	Boshamps. Reason: Fishing Tourney	Yes	Both (Co-op and Boshamps)	
66		Yes	Norriego Point	
67	Harbor Docks. Reason: Food	No		None specified

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
62	No		Yes	Navigating through the fishing boats departing their slip. Reason: Fishing boat captains think they own the harbor.
63	No		No	
64	No		No	
65	No		No	
66	No	Says doesn't drive boat, but would avoid the harbor areas around AJs and Boathouse due to lots of traffic if he did drive.	Yes	Same as above (near AJs and Boathouse) due to lots of traffic in a tiny area
67	Yes	Rental Pontoons	Yes	Anywhere you see rentals

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
62	No		Somewhat detracted	
63	No		Neither added nor detracted	
64	Yes	Negative: More boats	Neither added nor detracted	Not at all crowded
65	Yes	Negative: More traffic not capable of boating skills	Moderately detracted	Somewhat crowded
66	Yes	Positive: Dunes look better. Negative: more boat traffic.	Neither added nor detracted	Moderately crowded
67	Yes	Negative: Too many pontoons and skis	Moderately detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
62	Extremely crowded	Extremely crowded			
63					
64	Not at all crowded	Not at all crowded			
65	Extremely crowded	Somewhat crowded	Worse	Worse	Worse
66	Extremely crowded	Extremely crowded	Same	Same	Same
67	Moderately crowded	Moderately crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
62		500 on groceries	Yes	
63		150 total, 30 for gas for auto	Yes	
64		300/wk at restaurants, 300-400/wk on groceries, 50 on bus/transit fare, 300/wk on attractions/entertainment, 100 on sporting goods	Yes	
65	Worse	1000 on restaurants, 2000 on tackle and equipment, 1000 on bait/lures	Yes	
66	Same	250 on restaurants, 400 on groceries	Yes	
67	Same	Thousands (live here)	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
62	Very	Extremely	Very	Very
63	Very	Extremely	Extremely	Extremely
64	Extremely	Extremely	Extremely	Extremely
65	Very	Extremely	Extremely	Extremely
66	Very	Not at all	Moderately	Moderately
67	Very	Moderately	Moderately	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
62	Moderately	Very	Very	Very
63	Very	Extremely	Extremely	Extremely
64	Extremely	Extremely	Extremely	Extremely
65	Extremely	Extremely	Extremely	Extremely
66	Very	Not at all	Slightly	Moderately
67	Moderately	Moderately	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
62	Extremely	Extremely	Extremely	Extremely
63	Extremely	Extremely	Extremely	Extremely
64	Extremely	Extremely	Extremely	Extremely
65	Moderately	Extremely	Extremely	Extremely
66	Not at all	Not at all	Moderately	Moderately
67	Very	Very	Very	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
62	Extremely	Fair	Extremely	Extremely	Extremely
63	Extremely	Good	Extremely	Extremely	Extremely
64	Extremely	Excellent	Extremely	Extremely	Extremely
65	Moderately	Good	Extremely	Extremely	Extremely
66	Slightly	Fair	Slightly	Moderately	Not at all
67	Very	Good			

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
62	Extremely	No	Mentioned elsewhere that they think boats are dumping waste in the harbor and expressed desire for harbor master.
63	Extremely	No	
64	Extremely	No	
65	Extremely	No	
66	Very	No	
67		Yes	Amount of rentals

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
68	Male	Niceville, FL 32578	16	Yes
69	Male	Niceville, FL 32578	4+	Yes
70	Male	Valparaiso, FL 32580	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
68	75	Fishing Boat/Bass Boat;	Yes	
69	30+	"V" Hull Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
70	3	Fishing Boat/Bass Boat; Sailboat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
68	Good	Good	Good	Yes	Public Beach South
69				Yes	AJ's. Reason: Food and drink
70				Yes	Public Beach due to beaching activity.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
68		Yes	Public Beach South	
69	Crab Island. Reason: Recreation	Yes	Both (AJs and Crab Island)	
70		No	Jetties (East)	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
68	Yes	Crab Island during heavy tourist season	Yes	Crab Island during heavy tourist season
69	Yes	Crab Island during busy times. Reason: That area including getting under the bridge is very congested during tourist season.	Yes	East Pass. Reason Boats going very fast, can get very rough due to wakes from larger boats.
70	No		Yes	Holiday Isle Beach due to boats and jet skis too close to shore. Crab Island due to careless boats and BUIs

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
68	Yes	Cleaned out derelict vessels	Extremely detracted	Not at all crowded
69	Yes	Positive: Dredging	Moderately detracted	
70	No		Somewhat detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
68	Moderately crowded	Moderately crowded	Worse	Worse	Worse
69	Extremely crowded	Extremely crowded			
70	Moderately crowded	Moderately crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
68	Worse	100 on groceries, 10 on launch fees, 2000 on boat repairs/fuel, 400 on other boating expenses, 1000 on tackle and equipment over 3 years, 500 on bait and lures over 3 years, 200 on attractions/entertainment.	Yes	
69		1000 at restaurants, 5000 on boat repairs/fuel, 2000 on other boating expenses, 1000 on tackle and equipment, 500 on bait/lures, 500 on gas for auto, 200 for attractions/entertainment, 1000 on sporting goods.	Yes	
70	Worse	300 on restaurants. 200 on groceries, 200 on guide/charter fees, 200 on gas for auto, 100 on attractions/entertainment.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
68	Not at all	Slightly	Slightly	Slightly
69	Very	Very	Extremely	Very
70	Moderately	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
68	Moderately	Slightly	Very	Very
69	Extremely	Moderately	Very	Very
70	Very	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
68	Moderately	Very	Extremely	Extremely
69	Very	Very	Very	Very
70	Very	Very	Extremely	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
68	Extremely	Poor	Extremely	Moderately	Extremely
69	Very	Good	Moderately	Moderately	Moderately
70	Extremely	Fair	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
68	Slightly	Yes	Too many people feeding dolphins, too many people walking on dunes/vegetative areas, no respect for keep out signs, heavy traffic causing sand erosion.
69	Moderately	No	
70	Extremely	Yes	Littering, particularly plastics and non-degradable items.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
71	Male	Fort Walton Beach, FL 32548	6	Yes
72	Female	Niceville, FL 32578	8	Yes
73	Male	Niceville, FL 32578	2	Yes
74	Male	Destin, FL 32541	3	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
71	200+	Fishing Boat/Bass Boat;Pontoon Boat;Sailboard/Paddleboard;	Yes	
72	2-3 times per year	Runabout/Speedboat/Ski Boat;	No	Use the launch ramps in another City
73	10	Fishing Boat/Bass Boat;	Yes	Use the launch ramps in another City
74	75-100	"V" Hull Boat;Personal Watercraft (jet ski);Pontoon Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
71	Good	Fair	Poor	Yes	Less People due to volume of vessels and unqualified and distracted people operating those vessels
72					
73				Yes	Harbor Docks. Reason: Lunch
74				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
71		No		Southwest of Destin Bridge
72				
73		Yes	Harbor Docks	
74				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
71	Yes	Choke points and enormous volume of commercial and private boat traffic.	Yes	The entire area is unsafe! While formal training, experience and constant vigilance are essential when operating all types of watercraft, I have encountered more near collisions in the Desti/FWB waterways than in Pensacola, San Diego and Northfolk, VA
72	No		Yes	Crab Island due to being overcrowded and at times dangerous. Beach on other side of Brooks Bridge due to not as many people.
73	Yes		Yes	Entrance to Destin Harbor due to too many boats and unsafe users
74	Yes	East Jetty Beach as it's too crowded. East side of Norriego Point as it's too crowded/difficult to maneuver	Yes	The docks where the majority of charter boats are as it is tight quarters for maneuvering.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
71	Yes	Negative: Novel safety statistics demonstrate the volume and type of boating incidents are increasing.	Extremely detracted	Extremely crowded
72	Yes	Positive: I do think the city tries to maintain the beach, keep it clean Negative: Very crowded - sometimes even dangerous	Moderately detracted	
73	Yes	Positive: Seawall Negative: Too many visitors	Somewhat detracted	
74	Yes	Positive: Addition of new marinas/fuel stations	Somewhat detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
71	Extremely crowded	Moderately crowded	Worse	Much worse	Much worse
72		Somewhat crowded	Worse	Worse	Worse
73	Extremely crowded		Much worse	Much worse	Much worse
74	Moderately crowded	Moderately crowded	Worse	Better	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
71	Worse	160 on boating repairs/duel, 60 on other boating expenses.	No	Want safe bike lanes, especially on Hwy 98
72	Worse	Typically bring own food and drinks (none)	Yes	
73	Much worse	100 on restaurants, 100 on launch fees, 100 on bait and lures, 2000 on guide/charter fees	Yes	
74	Worse	250 on restaurants, 200 on groceries, 100 on other boating expense, 150 on gas for auto.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
71	Moderately	Extremely	Extremely	Very
72	Very	Slightly	Slightly	Slightly
73	Extremely	Extremely	Extremely	Extremely
74	Extremely	Extremely	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
71	Very	Very	Extremely	Extremely
72	Very	Slightly	Very	Extremely
73	Extremely	Extremely	Extremely	Extremely
74	Extremely	Very	Extremely	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
71	Very	Very	Extremely	Extremely
72	Very	Very	Very	Very
73	Extremely	Extremely	Extremely	Extremely
74	Very	Extremely	Extremely	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
71	Extremely	Fair	Moderately	Extremely	Extremely
72	Very	Fair	Very	Very	Very
73	Extremely	Poor	Extremely	Extremely	Extremely
74	Extremely	Fair	Extremely	Extremely	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
71	Extremely	Yes	Need to extend no-wake zone west of the Brooks Bridge to the west end of residential neighborhoods on Okaloosa Island.
72	Very	Yes	Boats going too fast in no wake zones.
73	Extremely	Yes	Trash in water
74	Extremely	Yes	Jet Ski usage above safe speeds. Beach usage at Norriego points by boats.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
75	Male	Fitzgerald, GA 31750	10	Yes
76	Male	Niceville, FL 32578	5	Yes
77	Male	Matthews, AL 36052	6	Yes
78	Female	Bellaire, TX 77401	10	Yes
79	Female	Vian, OK 74982	0	Yes
80	Female	Washington, MO 63090	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
75	30	Fishing Boat/Bass Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
76	15	Pontoon Boat;	No	Use the launch ramps in another City
77	6			
78		"V" Hull Boat;	No	
79	Annually	Rental fishing boats;	No	
80	6		Yes	

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
75	Good	Very Poor	Very Poor	Yes	Public Beach Norriego Point. Reason: Recreation
76	Excellent	Poor	Good	Yes	Destin Harbor. Reason: Entertainment.
77				No	
78				Yes	Restaraunts, Dewey's, Red Door, AJs, Fishtails, restaurant near Red Door (possibly Boathouse). Reason: Entertainment/food
79				No	
80				Yes	Public Beach. Reason: Recreation

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
75		Yes	Public Beach Norriego Point	
76	Dewey Restaurant. Reason: Food	Yes	Destin Harbor	
77				
78		No		Terrace Condo
79				
80				Emerald Grande

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
75	Yes	East Pass/Jetty Area as boat activity makes water choppy	Yes	East Pass/Jetty Area due to boat activity and weather
76	Yes	Destin Harbor pass due to too many boats at certain hours. Destin Harbor Entry due too waves being too high.	Yes	Destin Harbor pass due to too many boats at certain hours. Destin Harbor Entry due too waves being too high.
77				
78	No		No	
79	No		No	
80	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
75	No		Neither added nor detracted	Moderately crowded
76	Yes	Positive: Higher dunes. Negative: Too many boats	Moderately detracted	Not at all crowded
77				
78	Yes	Negative: Lake area by Terrace Condo Bulkhead falling down - needs immediate repair.	Added	Somewhat crowded
79	No		Added	
80	No		Somewhat detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
75	Moderately crowded	Moderately crowded	Same	Same	Same
76	Moderately crowded	Extremely crowded	Same	Same	Worse
77					
78	Somewhat crowded	Not at all crowded	Same	Same	Same
79					
80	Somewhat crowded	Somewhat crowded	Worse	Worse	Worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
75	Same	750 on restaurants, 250 on groceries, 30 on launch fees, 100 on other boating expenses, 100 on tackle and equipment, 20 on bait and lures, 400 on gas for auto, 200 for attractions/entertainment, 100 on sporting goods.	Yes	
76	Much worse	50 on restaurants, 50 on launch fees, 50 on attractions/entertainment.	Yes	
77		1000 on restaurants, 1000 on groceries	Yes	
78	Same	800 total. 30 for gas for auto.	Yes	
79		1000 on restaurants, 500 on groceries, 1000 on guide/charter fees.	Yes	
80	Worse	300 on restaurants, 100 on groceries, 250 on gas for auto, 50 on attractions/entertainment	No	Would like a water taxi service on the harbor

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
75	Very	Very	Very	Very
76	Very	Very		
77	Moderately	Extremely	Moderately	Extremely
78	Moderately	Moderately	Moderately	Moderately
79	Very	Very	Very	Very
80	Slightly	Slightly	Moderately	Slightly

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
75	Very	Very	Very	Moderately
76	Very	Very	Very	Very
77	Moderately	Moderately	Extremely	Extremely
78	Moderately	Moderately	Slightly	
79	Very	Very	Moderately	Very
80	Very	Moderately	Moderately	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
75	Very	Extremely	Extremely	Extremely
76	Very	Very	Extremely	Very
77	Extremely	Extremely	Extremely	Extremely
78	Slightly	Moderately	Extremely	Extremely
79	Extremely	Extremely	Extremely	Extremely
80	Moderately	Very	Very	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
75	Extremely	Fair	Very	Extremely	Moderately
76	Very	Excellent	Very	Extremely	Extremely
77	Extremely	Poor	Very	Extremely	Moderately
78	Extremely	Excellent	Extremely	Extremely	Moderately
79	Extremely	Excellent	Not at all	Not at all	Not at all
80	Moderately	Fair	Very		Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
75	Extremely	Yes	Littering
76	Extremely	Yes	Too many youth using skidoos
77	Moderately	No	
78	Very	No	
79	Not at all	No	
80	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
81	Male	Auburn, AL 36830	4	Yes
82	Male	Jasper, FL 32052	4	Yes
83	Male	St. Louis, MO 63042	4	Yes
84	Male	Dallas, TX 75225	1	Yes
85	Male	Liberty Township, OH 45044	20	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
81	15	"V" Hull Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
82	12	Runabout/Speedboat/Ski Boat;Pontoon Boat;	Yes	
83	10	Fishing Boat/Bass Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
84	10 (only 1 using waterway)	Pontoon Boat;	No	
85	30	Fishing Boat/Bass Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
81				Yes	Public Beach
82	Poor	Good	Fair	Yes	Beach access for boat (Harbor side of Norriego Point on map)
83				No	
84				Yes	Bortula's. Reason: Dining Harborwalk. Reason: Amusement w/ kids
85				Yes	Harborwalk. Reason: Fuel AJ's. Reason: Food

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
81		Yes	Public Beach	
82		Yes	Beach access for boat (Harbor side of Norriego Point on map)	
83				
84		No		
85		No		Gulf

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
81	No		Yes	Inlet to Destin Harbor
82	Yes	Crab Island	Yes	Crab Island
83	No		No	
84	No		No	
85	Yes	Emerald Grand due to too many small craft and amateur boaters. Norriego Point due to may misbehaving people, cars and drugs.	Yes	Emerald Grand due to too many small craft and amateur boaters. Norriego Point due to may misbehaving people, cars and drugs.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
81	Yes	Positive: Improvement to inlet of Destin Harbor Negative: More boat volume and traffic on water, boaters don't follow "rules of the road"	Extremely detracted	
82	Yes	Positive: Seems cleaner	Extremely detracted	Moderately crowded
83	No		Somewhat detracted	Somewhat crowded
84	No		Neither added nor detracted	
85	Yes	Negative: Emerald Grand boaters and crafts - too many	Moderately detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
81	Extremely crowded	Extremely crowded	Same	Same	Same
82	Somewhat crowded	Somewhat crowded	Worse	Same	Same
83	Moderately crowded	Extremely crowded	Same	Same	Same
84					
85	Extremely crowded	Somewhat crowded	Much worse	Same	Worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
81	Same	300 on restaurants, 200 on groceries, 200 on boat repairs, 100 on tackle and equipment, 50 on bait and lures, 200 on fuel for auto, 100 on attractions/entertainment, 100 on sporting goods.	Yes	
82	Worse	1000+ total (own a home there). 600 on restaurants, 300 on groceries, 20 on launch fees, 100 on boat repairs, 200 on gas for auto	Yes	
83	Same	1000 total, 500 on restaurants, 300 on groceries, 100 on tackle and equipment, 50 on bait/lures, 600 on guide/charter fees.	Yes	
84		300 on restaurants, 100 on attractions/entertainment.	Yes	
85	Much worse	3000 on restaurants, 3000 on groceries, 20000 on boat repairs/fuel, 2000 on other boating expenses, 5000 on tackle and equipment, 2000 on bait and lures, 1000 on gas for auto, 1000 on sporting goods.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
81	Very	Very	Extremely	Very
82	Very	Moderately	Slightly	Moderately
83	Very	Very	Extremely	Extremely
84	Slightly	Very	Moderately	Very
85	Very	Extremely	Moderately	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
81	Extremely	Very	Extremely	Extremely
82	Moderately	Slightly	Moderately	Very
83	Very	Extremely	Extremely	Extremely
84	Very	Very	Moderately	Slightly
85	Very	Moderately	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
81	Very	Very	Extremely	Extremely
82	Moderately	Moderately	Moderately	Moderately
83	Extremely	Extremely	Extremely	Extremely
84	Very	Extremely	Slightly	Moderately
85	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
81	Extremely	Poor	Extremely	Extremely	Moderately
82	Very	Fair	Very	Very	Slightly
83	Extremely	Good	Extremely	Extremely	Extremely
84	Extremely	Poor	Extremely	Very	Very
85	Extremely	Poor	Extremely	Extremely	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
81	Very	Yes	The volume of boats and people on crab island is disturbing.
82	Extremely	No	
83	Extremely	No	
84	Extremely	No	
85	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
86	Male	El Cajon, CA 92019	6	Yes
87	Male	Houston, TX 77005	4	Yes
88	Female	Sandy, UT 84092	4	Yes
89	Male	Destin, FL 32541	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
86	6	Pontoon Boat;	No	
87	6	Pontoon Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
88	10 (also own property in Destin)	Runabout/Speedboat/Ski Boat;Rowboat/Kayak/Canoe;	Yes	Use private marina space in the Destin Harbor and surrounding waterways
89	I live here, 30 years, weekly visits	Fishing Boat/Bass Boat;Flat Bottom Boat/Jonboat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
86				Yes	Crab Island. Reason: Fun
87				No	
88				No	
89	Good	Fair	Poor	Yes	Norriego Point. Reason: Deepwater accessible

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
86		Yes	Crab Island	
87				
88				
89	Boat area on West side of Norriego. Reason: Not normally anybody there	Yes	Norriego Point	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
86	No		No	
87	No		No	
88	No			
89	Yes	Mouth of Harbor. Reason: Boat traffic on certain days North side of harbor. Reason: Excessive rental boat traffic	Yes	Mouth of Harbor. Reason: Boat traffic on certain days (also specified from bridge to Boathouse bar way too much traffic) North side of harbor. Reason: Excessive rental boat traffic

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
86	No		Neither added nor detracted	
87	No		Neither added nor detracted	
88	Yes		Neither added nor detracted	
89	Yes	Negative: Livery vessels all over the place	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
86	Somewhat crowded	Somewhat crowded	Same	Same	Same
87	Somewhat crowded	Moderately crowded	Worse	Same	Same
88			Same	Same	Same
89	Extremely crowded	Extremely crowded	Worse	Worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
86	Same		Yes	
87	Same	1400 total, 400 on restaurants, 300 on groceries, 200 on gas for auto, 500 on attractions/entertainment.	Yes	
88	Same	500 on restaurants, 400 on groceries, 150 total for all boating, 200 on guide/charter fees, 200 on gas for auto, 400 on attractions/entertainment.	Yes	
89	Much worse	I am resident. I spend much less now.	No	Not a fishing village at all. The harbor is just a cash cow for pontoon and watercraft rentals.

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
86	Not at all	Not at all	Not at all	Not at all
87	Moderately	Moderately	Moderately	Slightly
88	Moderately	Moderately	Moderately	Moderately
89	Extremely	Extremely	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
86	Not at all	Not at all	Extremely	Extremely
87	Very	Moderately	Moderately	Moderately
88	Moderately	Moderately	Moderately	Moderately
89	Very	Moderately	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
86	Moderately	Moderately	Slightly	Slightly
87	Very	Extremely	Very	Moderately
88	Extremely	Extremely	Extremely	Extremely
89	Extremely	Extremely	Moderately	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
86	Slightly	Good	Slightly	Very	Very
87	Slightly	Good	Slightly	Slightly	Moderately
88	Extremely	Good	Extremely	Extremely	Extremely
89	Extremely	Fair	Slightly	Moderately	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
86	Very	No	
87	Very	No	
88	Extremely	Yes	Some people just don't care about the environment.
89	Extremely	Yes	The sheer mass of tourist rental vessels puts a human body in every area where birds fish and nest. (Ospreys are noticeably affected).

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
90	Male	Andalusia, AL 36420	5	Yes
91	Male	Destin, FL 32541	2	Yes
92	Male	Opelika, AL 36801	8	Yes
93	Male	Covington, LA 70433	6	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
90	40 (2nd home, go a lot)	"V" Hull Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
91	6	Runabout/Speedboat/Ski Boat;	No	Use the launch ramps in another City
92	20	None;	Yes	
93	3	Fishing Boat/Bass Boat;	No	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
90				Yes	Norriego Point East end. Reason: Dand beach less offensive actions can anchor easy.
91	Good	Good	Good	Yes	Habror Docks
92				No	
93				Yes	Harbor Dock

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
90	Sand piper cove lagoon (old pass lagoon) center sand bar (does not show on map). Reason: Very quiet, almost no boats - safe no jet skis.	Yes	Sand Piper Cove Sand Bar	
91		Yes	Harbor Docks	
92				
93		Yes	Harbor Dock	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
90	Yes	Crab Island. Reason: Too much mardegrax on steroids. Too many - objectionable behavior Very tip of Norriego Point - harbor bottleneck very congested. Reason: excess pontoon traffic - Low skill operators - dangerous crossing to the marina on North side - Jet ski all over the bottleneck - again they don't know "rule of the road"	Yes	Crab Island and channel to it. Reason: Congested: Dangerous operation of pontoon rental boats and rental jet skis. Top of Norriego Point entering or exiting harbor. Reason: Rental boats - Jet skis bottleneck - cutting in front of you - operators who do not know the rules.
91	Yes	Crab Island	Yes	Crab Island
92	No		No	
93	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
90	No	Negative: Things have gotten worse - traffic offensive loud music - rental pontoons and Jet skis dangerous behavior. You need a very loud horn to blow.	Extremely detracted	
91	Yes	Negative: Too many watercraft rentals.	Moderately detracted	
92	No		Neither added nor detracted	
93	No		Neither added nor detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
90	Extremely crowded	Extremely crowded	Much worse	Worse	Worse
91	Moderately crowded		Worse	Worse	Worse
92					
93	Somewhat crowded	Somewhat crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
90	Much worse	300 on restaurants, 100 on groceries, 250 on boat fuel, 50 on other boating expenses, 100 on bait/lures, 50 on gas for auto.	Yes	
91	Worse	300 on restaurants	No	Too many watercraft rentals
92		500 on restaurants, 500 on groceries, 100 on gas for auto, 200 on attractions/entertainment	Yes	
93	Same	2000 on other boating expenses, 2000 on guide/charter fees, 100 on gas for auto, 200 on attractions/entertainment.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
90	Moderately	Moderately	Slightly	Slightly
91	Very	Very	Extremely	Very
92				
93	Very	Very	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
90	Moderately	Slightly	Moderately	Moderately
91	Very	Very	Very	Very
92			Very	Very
93	Very	Very	Moderately	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
90	Moderately	Moderately	Very	Very
91	Extremely	Extremely	Extremely	Extremely
92	Very	Very	Very	Very
93	Moderately	Moderately	Moderately	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
90	Very	Fair	Very	Moderately	Moderately
91	Extremely	Fair	Moderately	Extremely	Extremely
92	Very	Good	Extremely	Extremely	Very
93	Moderately	Good	Very	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
90	Very	Yes	Rental pontoons scarring sea grass all over. The east side of the Bay and the SW side by the Coast Guard station. Again, inexperienced operators driving across shallows at full speed.
91	Extremely	Yes	Access to sensitive environmental areas - Disturbing and damaging flora and fauna.
92	Very	No	
93	Very	Yes	Everything.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
94	Male	Tallahassee, FL 32312	2	Yes
95	Male	Destin, FL 32541	0	No
96	Male	Destin, FL 32541	2	Yes
97	Male	Indian Springs, AL 35124	22+	Yes
98	Male	Edmond, OK 73083	0	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
94	4	Pontoon Boat;	Yes	
95				
96	10	Pontoon Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
97	300+	Pontoon Boat; Sailboard/Paddleboard; Rowboat/Kayak/Canoe;	Yes	
98	2	Fishing Boat/Bass Boat;	Yes	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
94	Fair	Poor	Poor		Public Beach. Reason: Close to my house.
95				No	
96	Very Poor	Very Poor	Very Poor	No	
97				Yes	Gulfshore Condominium. Reason: Own a unit
98				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
94	Jetty. Reason: Close to my house.	No		Destin Harbor
95				
96				
97	Dolphin Point Condominium. Reason: Own a unit.	Yes	All (Gulfshore Condominium and Dolphin Point Condominium	
98				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
94	No	Yes	Destin Harbor because of congestion.	
95	No	No		
96		No		
97	No	No		
98	No			

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
94	No		Somewhat detracted	Moderately crowded
95	No		Neither added nor detracted	
96	No		Neither added nor detracted	Somewhat crowded
97	Yes	Positive: Restoration of beach (providing more sand)	Neither added nor detracted	
98	No		Neither added nor detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
94	Somewhat crowded	Somewhat crowded	Same	Better	Worse
95					
96	Somewhat crowded	Not at all crowded	Same	Same	Same
97					
98	Moderately crowded				

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
94	Worse	500 on restaurants, 200 on groceries, 100 on launch fees, 100 on other boating expenses, 100 on attractions/entertainment, 100 on sporting goods.	No	Less Variety
95		None	No	Too commercialized
96	Same	\$0	Yes	
97		2500 on restaurants, 2000 on groceries, 100 on gas for auto, 200 on attractoins/entertainment.	Yes	
98		1000 total, 500 on restaurants, 500 on groceries, 300 on gas for auto, 100 on sporting goods.	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
94	Very	Extremely	Extremely	Extremely
95	Moderately	Moderately	Moderately	Moderately
96	Not at all	Not at all	Not at all	Not at all
97	Extremely	Extremely	Extremely	Extremely
98	Not at all	Not at all	Not at all	Not at all

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
94	Very	Very	Extremely	Extremely
95	Moderately	Moderately	Very	Very
96	Not at all	Not at all	Not at all	Not at all
97	Extremely	Extremely	Very	Very
98	Not at all	Not at all	Slightly	Slightly

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
94	Extremely	Extremely	Very	Very
95	Very	Very	Very	Very
96	Moderately	Very	Very	Slightly
97	Extremely	Extremely	Extremely	Extremely
98		Extremely	Very	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
94	Extremely	Fair	Extremely	Very	Very
95	Very		Very	Very	Very
96	Not at all	Fair	Not at all	Not at all	Not at all
97	Extremely	Good	Extremely	Moderately	Moderately
98	Very	Excellent	Moderately	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
94	Extremely	Yes	Crowded entertainment areas/venues
95	Extremely	No	
96	Not at all	No	
97	Moderately	No	
98	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
99	Male	Destin, FL 32541	3	Yes
100	Male	Lafayette, LA 70508	2	Yes
101	Male	Metairie, LA 70002	5	Yes
102	Male	Metairie, LA 70003	12	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
99	100	Pontoon Boat;	Yes	
100			No	Use the privately owned launch ramps at the Harbor and surrounding waterways
101	3 over 15 years.	Non, just walked;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
102	15	Power catamaran;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
99	Good		Poor	Yes	Norriego Point. Reason: If water is cold.
100	Poor	Fair	Poor	Yes	Norriego Point. Reason: Hang out and have drinks with boating friends.
101				Yes	The area right as you come off the Destin Bridge from Ft. Walton. Reason: Shopping walking and occasionally taking a boat.
102	Good		Good	Yes	Louisiana Lagniappe.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
99	Crab Island. Reason: If water is warm	Yes	Crab Island	
100	Mostly the whole harbor. Reason: Because I own a condo on the harbor.	No		My condo on the harbor.
101		No		We live elsewhere in Destin
102				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
99	No		Yes	Area between Norriego Point and Emerald Grande due to large boats/parasail going fast in the middle, very crowded. Crab Island because tourist can't anchor or drive in the current.
100	No	Destin Harbor is extremely busy on the weekends and special holidays. Especially when school is out.	Yes	The entire harbor.
101	No		No	
102	No		Yes	Harbor mouth

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
99	Yes	Positive: Removal of perm businesses on CI (Crab Island) Negative: Way more pontoon rentals.	Moderately detracted	
100	No		Moderately detracted	Not at all crowded
101	Yes	Shops, restaurants	Neither added nor detracted	
102	Yes	Positive: Increased traffic, esp. rentals (may be negative, but listed under positive).	Somewhat detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
99	Moderately crowded	Extremely crowded	Worse	Same	Much worse
100	Moderately crowded	Not at all crowded	Same	Same	Same
101			Same	Same	
102	Moderately crowded	Extremely crowded	Much worse	Better	Worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
99	Worse	Local		
100	Same	500 total		
101	Same	0 in last 2 years. (haven't been)	Yes	
102	Worse	225 on restaurants, 175 on groceries, 80 on launch fees, 200 on boat repairs/fuel, 240 on gas for auto, 160 on attractions/entertainment.	No	The harbor is all about rentals, not enough docking by attractions. Restaurants.

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
99				
100	Extremely	Extremely	Very	Very
101	Very	Extremely	Very	Very
102	Slightly	Very	Extremely	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
99				
100	Extremely	Very	Very	Extremely
101	Moderately	Very	Very	Extremely
102	Extremely	Slightly	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
99	Moderately	Very	Very	Very
100	Very	Extremely	Extremely	Extremely
101	Extremely	Extremely	Extremely	Very
102	Very	Very	Very	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
99	Very	Good	Not at all	Slightly	Moderately
100	Extremely	Good	Extremely	Extremely	Extremely
101	Extremely	Good	Extremely	Extremely	Extremely
102	Extremely	Fair	Extremely	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
99	Extremely	Yes	People boating too close to dolphins. Tour boats chasing them.
100	Extremely	No	
101	Extremely	Yes	I don't know the effect if too many boats use the harbor. Also don't know how the water is affected by numerous boats, etc. congregating in the area on the other side of the Ft. Walton/Destin Bridge.
102	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
103	Male	Destin, FL 32541	6	Yes
104	Prefer not to say	Destin, FL 32541	0	Yes
105	Female	Destin, FL 32541	8	Yes
106	Female	Destin, FL 32541	4	Yes
107	Prefer not to say	1512 Beacon Hill Drive, Kentucky 40126	5 for 1 trip 2 for 4 trips	Yes
108	Male	Mary Esther, FL 32569	20	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
103	70	"V" Hull Boat;	Yes	
104	2	Pontoon Boat;	Yes	Use the launch ramps in another City
105	20	Runabout/Speedboat/Ski Boat;Pontoon Boat;Personal Watercraft (jet ski);Rowboat/Kayak/Canoe;	Yes	
106	45	"V" Hull Boat;	Yes	
107	Did not fill out rest of survey as they say they don't use Destin Harbor for boating.			
108	15	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;"V" Hull Boat;	No	Use the launch ramps in another City

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
103	Fair	Fair	Excellent	Yes	Norriego Point. Reason: Nice beach to watch boat traffic.
104				No	
105	Excellent		Excellent	Yes	Enjoy walking from store to store - restaurants. Reason: every store is entertaining to different people and I just enjoy being there and for us to live there they should not charge us for parking and we would go more often. Especially for us that live there.
106	Good	Very Poor	Fair	Yes	Norriego Point (inlet side) because it is fun spot for anchor.
107					
108	Good			No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
103		No		Fishing in the gulf or crab island
104				
105		Yes	Sometimes just an ice cream, sometimes have a drink.	
106	Norriego point (east pass side) because of nice water.	No		Crab Island
107				
108				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
103	No	Yes	Mouth of harbor. Reason: Rental pontoon and Jet Ski operators. Many are unsafe.	
104	Yes	Crab Island. Reason: Drunk and distracted boaters.	No	
105	No		No	
106	Yes	Norriego. Reason: Avoid during poker runs.	Yes	East side of Crab Island due to rentals and inexperience boats.
107				
108	Yes	Pass	Yes	Pass

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
103	Yes	Positive: Docking for boats at restaurants. Negative: More drunk driving on rental pontoons.	Moderately detracted	
104			Neither added nor detracted	Not at all crowded
105	No		Neither added nor detracted	
106	Yes	Negative: Too crowded and too many rental businesses	Moderately detracted	Extremely crowded
107				
108	No			

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
103		Moderately crowded	Same	Same	Much worse
104	Somewhat crowded	Extremely crowded	Same	Same	Same
105					
106	Moderately crowded	Extremely crowded	Worse	Worse	Much worse
107					
108	Moderately crowded		Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
103	Same	2000 on restaurants, 200 on groceries, 400 on boat repairs/fuel, 400 on tackle and equipment	Yes	
104	Same		Yes	
105		I have never been disappointed at the harbor and love activity. Just charge for parking.	Yes	
106	Worse	500 on restaurants, 500 on groceries, 200 on gas for aut0.		
107				
108	Same	1000 total (circled restaurants).	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
103	Extremely	Extremely	Extremely	Extremely
104	Moderately	Moderately		
105	Very	Very	Very	
106	Slightly	Extremely	Extremely	Extremely
107				
108	Slightly	Slightly	Slightly	Slightly

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
103	Moderately	Extremely	Moderately	Moderately
104	Moderately	Moderately	Extremely	Extremely
105				Very
106	Extremely	Extremely	Extremely	Extremely
107				
108	Slightly	Slightly	Moderately	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
103	Extremely	Extremely	Extremely	Very
104	Extremely	Extremely	Extremely	Extremely
105	Very	Extremely	Extremely	Extremely
106	Extremely	Extremely	Extremely	Extremely
107				
108	Moderately	Moderately	Moderately	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
103	Very	Good	Moderately	Very	Moderately
104	Extremely	Fair	Very	Extremely	Extremely
105	Extremely	Excellent	Extremely	Extremely	Extremely
106	Extremely	Fair	Extremely	Extremely	Extremely
107					
108	Moderately	Good	Moderately	Moderately	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
103	Extremely	Yes	Throwing trash and cigarette butts on beach
104	Extremely	No	
105	Extremely	No	
106	Extremely	Yes	Poor water quality and littering y tourist and boat/jet ski rentals
107			
108	Very	Yes	Too many Jet Skis

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
109	Male	Destin, FL 32541	6	Yes
110	Male	Montgomery, AL 36117	2	Yes
111	Male	Niceville, FL 32578	30	Yes
112	Male	Niceville, FL 32578	0	Yes
113	Male	Destin, FL 32541	8	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
109	100+	Fishing Boat/Bass Boat; Personal Watercraft (jet ski);	No	Use private marina space in the Destin Harbor and surrounding waterways
110	20		No	
111	100+	"V" Hull Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
112	3	"V" Hull Boat;	No	Use the launch ramps in another City
113	5	Rowboat/Kayak/Canoe; Paddle Board;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
109	Fair	Good	Fair	Yes	Public Beach (Norriego Point). Reason: Ability to beach the boat and walk around.
110				No	
111				No	
112				No	
113				Yes	End of Harbor Louisiana Laginappe for food and drink access

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
109		No		Touring the harbor and local restaurants.
110				
111				Cruising
112				
113	Beach near entrance of Harbor (Norriego Point). Only location to beach the boat and enjoy shallow water.	No		

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
109	Yes	Mouth of the harbor as it is extremely congested w/ boats going in and out.	Yes	Mouth of the Harbor as it is congested.
110	No		No	
111	No		No	
112	Yes	Mouth of the harbor adjacent to the public access.	Yes	Crab Island and entrance to harbor. Too many boats, way too many people with no idea how to handle a boat or PWC.
113	Yes	Crab Island. Too crowded during high season and water quality.	Yes	Crab Island. Again, too crowded during high season and water quality.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
109	No		Moderately detracted	Somewhat crowded
110	Yes	Negative: Too crowded!	Neither added nor detracted	Not at all crowded
111	Yes	Negative: Poor water quality	Moderately detracted	
112	Yes	Positive: The Corp rebuilt Norriego Point. Inlet to harbor. Negative: Too many people - well boats.	Extremely detracted	Extremely crowded
113	Yes	Positive: Maybe >3 years removal of partially sunk boats. Negative: Increase in boat traffic.	Moderately detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
109	Moderately crowded	Moderately crowded	Worse	Worse	Worse
110	Not at all crowded	Not at all crowded	Same	Same	Same
111	Moderately crowded	Moderately crowded	Worse	Worse	Worse
112	Extremely crowded	Extremely crowded	Same	Same	Worse
113	Moderately crowded	Extremely crowded	Worse	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
109	Worse	400 on restaurants, 200 on groceries, 1000 on boat repairs/fuel, 1000 on other boating expenses, 200 on tackle/equipment, 200 on bait/lures, 1000 on guide/charter fees, 200 on attractions/entertainment, 100 on sporting goods.	Yes	
110	Same	500 on restaurants, 200 on groceries, 60 on gas for auto	Yes	
111	Worse	0 total.	Yes	
112	Worse	200 on tackle and equipment.		I do my best to stay away from the harbor and crab island.
113	Worse	3500 total, 400-600 on boat rental. (They were confused on length of stay for the question).	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
109	Moderately	Very	Slightly	Moderately
110	Extremely	Extremely	Extremely	Extremely
111	Extremely	Extremely	Extremely	Extremely
112	Very	Very	Moderately	Moderately
113	Slightly	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
109	Moderately	Moderately	Very	Very
110	Moderately	Extremely	Extremely	Extremely
111	Extremely	Extremely	Very	Very
112	Moderately	Extremely	Very	Extremely
113	Slightly	Very	Moderately	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
109	Moderately	Moderately	Moderately	Very
110	Extremely	Extremely	Extremely	Extremely
111	Very	Very	Very	Very
112	Very	Very	Extremely	Extremely
113	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
109	Very	Poor	Moderately	Very	Slightly
110	Extremely	Good	Extremely	Extremely	Extremely
111	Very	Poor	Moderately	Very	Moderately
112	Moderately	Fair	Very	Very	Very
113	Extremely	Good	Slightly	Extremely	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
109	Very	Yes	Overall congestion
110	Extremely	Yes	Kitten left by boaters on the Point
111	Extremely	No	
112	Extremely	Yes	Litter, especially the amount of plastic container, etc. Trash/debris on the high tide line. Beach erosion from boat wake.
113	Extremely	Yes	Number of boats at Norriego Point.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
114	Male	Valparaiso, FL 32580	3 or 4	Yes
115	Female	Niceville, FL 32578	7	Yes
116	Male	Destin, FL 32541	4	Yes
117	Male	Santa Rosa Beach, FL 32549	2	Yes
118	Male	Destin, FL 32541	2	Yes
119	Male	Fort Walton Beach, FL 32548	50	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
114	100	Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;	No	
115	10+	"V" Hull Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
116	5/6	Fishing Boat/Bass Boat;Personal Watercraft (jet ski);	Yes	
117	12	Runabout/Speedboat/Ski Boat;Pontoon Boat;	Yes	
118	4-5	Walked;	No	
119	100	Fishing Boat/Bass Boat;Sailboat;Sailboard/Paddleboard;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
114				No	
115				Yes	Harborwalk marina store. Snacks/drinks and sometimes bait.
116	Good			No	
117	Good			Yes	Dewey Destin Restaurant. Dinner
118				Yes	Harborwalk/shops/resta urants.
119	Fair	Fair	Fair	Yes	Point. Beach

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
114		No		Out of pass
115	AJs. Lunch or dinner.	No		Crab Island or fishing
116				
117		Yes	Dewey Destin Restaurant	
118		Yes	walking, eating	
119	Harbor Docks. Food	Yes	Harbor Docks	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
114	No		No	
115	Yes	Parts of crab island (outside of harbor) as it's crowded. Main waterway of harbor as it's overcrowded w/ too many rentals (jet skis and pontoons) with drivers that don't know what they're doing.	Yes	Main channel through the harbor. Many "rental" drivers unsure how to drive and navigate.
116	Yes	Destin Harbor	Yes	Entrance to harbor. Too many Jet Skis, pontoons and boats. Jettys. Large boat wakes for smaller boats.
117			No	
118	No		No	
119	Yes	Harborwalk. Pontoon rentals Crab Island. Pontoon rentals.	Yes	Mouth of harbor. Pontoons

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
114	Yes	No problem, just more boats.	Neither added nor detracted	
115	Yes	Negative: too much overcrowding - too many rentals, esp. at front of harbor.	Moderately detracted	
116	Yes	Positive: Keeping people off sand dunes on island. Negative: Too many watercraft.	Moderately detracted	Extremely crowded
117	Yes	Negative: Crowded areas (Crab Island).	Neither added nor detracted	Not at all crowded
118				
119	Yes	Negative: Too many pontoons/Jet Skis		Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
114	Not at all crowded		Same	Same	Same
115	Moderately crowded	Extremely crowded	Worse	Worse	Much worse
116	Extremely crowded		Worse	Worse	Worse
117	Not at all crowded	Not at all crowded	Same	Worse	Same
118					
119	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
114	Same	500 on restaurants, 3000 on boat repairs/fuel, 300 on tackle and equipment, 600 on bait/lures, 400 on sporting goods.	Yes	
115	Same	470-500 total. 150 on restaurants, 250 on other boating expenses, 20 on tackle/equipment, 50 on bait/lures.	Yes	
116	Worse	600 on boat repairs/fuel	Yes	
117	Same	400 on restaurants, 300 on groceries.	Yes	
118			Yes	
119	Much worse	700 on restaurants, 200 on groceries, 500 on boat repairs/fuel, 100 on tackle/equipment	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
114	Slightly	Slightly	Slightly	Slightly
115	Moderately	Extremely	Extremely	Extremely
116	Extremely	Extremely	Extremely	Very
117	Moderately	Moderately	Very	Very
118	Extremely	Extremely	Extremely	Extremely
119	Very	Very		

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
114	Slightly	Slightly	Very	Very
115	Very	Extremely	Extremely	Extremely
116	Very	Very	Very	Very
117	Extremely	Moderately	Extremely	Very
118	Extremely	Extremely	Extremely	Extremely
119	Very		Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
114	Very	Extremely	Extremely	Moderately
115	Extremely	Extremely	Extremely	Extremely
116	Extremely	Extremely	Extremely	Extremely
117	Extremely	Extremely	Very	Very
118	Extremely	Extremely	Extremely	Extremely
119	Very	Extremely	Very	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
114	Slightly	Good	Very	Very	Moderately
115	Extremely	Fair	Moderately	Extremely	Extremely
116	Extremely	Fair	Extremely	Extremely	Extremely
117	Very	Poor	Moderately	Moderately	Very
118	Extremely	Excellent	Extremely	Extremely	Extremely
119	Extremely	Poor	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
114	Very	No	
115	Extremely	Yes	Littering while parked around the harbor/crab island, less nature based decisions!
116	Extremely	Yes	Watercraft running over shallow water grass beds.
117	Extremely	Yes	Too many boats, fuel in harbor - pollution of water/marine life. Littering, trash, plastic in water.
118	Extremely	No	
119	Extremely	Yes	Pontoon rentals.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
120	Female	Destin, FL 32541	2	Yes
121	Male	Niceville, FL 32578	5	Yes
122	Prefer not to say	32580	6	Yes
123	Male	Birmingham, AL 35213	4	Yes
124	Male	Santa Rosa Beach, FL 32549	3	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
120	250	Sailboard/Paddleboard; Rowboat/Kayak/Canoe;	Yes	
121	50	Fishing Boat/Bass Boat;	No	Use the launch ramps in another City
122	100+	Fishing Boat/Bass Boat;	No	
123	6			
124	4	Fishing Boat/Bass Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
120	Fair	Good	Fair	Yes	Joe's Bayou. Noat as busy as other areas.
121	Good	Excellent	Good	Yes	Jetties. Clear water/Boat access/family friendly
122	Very Poor	Very Poor	Very Poor	No	
123				No	
124				Yes	Gas, Marina, Market. Catch all for whatever I need before fishing on the way back.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
120	Captain Leonard Destin Park. Can launch kayak/paddleboard easily without gettin grun over by boats/Jet Skis	No		Inside Destin Harbor.
121	Harborwalk Village. Drinks/food/need better access.	Yes	Jetties	
122		No		Sightseeing with visiting guest only!
123				
124				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
120	Yes	Crab Island. Afraid of being run over by boats/Jet Skis Destin Harbor (during busy months). Afraid of being run over by boats/Jet Skis	Yes	Crab Island. Too busy. Destin Harbor (during busy months). Too busy
121	Yes	Crab Island. Drunk boaters/No-wake not observed/current	Yes	Crab Island. Drunk boaters/No-wake not observed/current
122	Yes	Mostly all of inside harbor		
123	No	No		
124	No	Yes Crab Island is a bit busy.		

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
120	Yes	Negative: Too many rentals (pontoons/Jet Skis).	Extremely detracted	Moderately crowded
121	Yes	Positive: Emergency access lane through CI Negative: More pontoon/ Jet Ski rental	Moderately detracted	Extremely crowded
122	No		Moderately detracted	
123	No			
124	No		Somewhat detracted	Not at all crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
120	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse
121	Extremely crowded	Extremely crowded	Same	Worse	Worse
122					Worse
123					
124	Not at all crowded	Not at all crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
120	Much worse	500 on restaurants, 250 on groceries.	Yes	
121	Same	1500 on restaurants, 1500 on groceries, 3500 on boat repairs/fuel, 5000 on gas for auto	Yes	
122		Too much		
123		300 on restaurants, 800 on groceries, 299 on gas for auto.	Yes	
124	Same	500-750 total	No	Seems there could be more restaurants to dock for lunch and dinner

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
120	Very			
121	Very	Very	Very	Very
122	Not at all			
123	Moderately	Moderately	Slightly	Moderately
124	Extremely	Very	Moderately	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
120			Moderately	Moderately
121	Very	Extremely	Very	Extremely
122			Slightly	Slightly
123	Very	Moderately	Extremely	Extremely
124	Extremely	Very	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
120	Very	Very	Very	Very
121	Very	Extremely	Extremely	Extremely
122	Slightly	Slightly	Slightly	Moderately
123	Very	Very	Very	Very
124	Very	Extremely	Extremely	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
120	Very	Fair	Moderately	Moderately	Very
121	Extremely	Poor	Moderately	Very	
122	Moderately	Fair	Slightly	Moderately	Slightly
123	Very	Fair	Moderately	Very	Very
124	Extremely	Good	Extremely	Extremely	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
120	Extremely	Yes	Rental Jet Skiers are dangerous!! No regard to their surroundings!!
121	Extremely	Yes	Crab island litter, deer carcass in bayou, boat bean bag on fire thrown in water causing IM Styrofoam beads to float away. Rivers/streams feeding bayous littered with cans and bottles and trash. It all gets back to the bay and then flushed into the ocean.
122	Moderately	Yes	Jet Ski rentals are just crazy in that area.
123	Very	No	
124	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
125	Male	Miramar Beach, FL 32550	6	Yes
126	Female	Destin, FL 32541	10	Yes
127	Male	Fort Walton Beach, FL 32547	8	Yes
128	Male	Destin, FL 32541	5	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
125	25	Fishing Boat/Bass Boat;Pontoon Boat;Runabout/Speedboat/Ski Boat;Personal Watercraft (jet ski);	No	Use private marina space in the Destin Harbor and surrounding waterways
126	Live on the harbor and host many visitors year round	Pontoon Boat;Personal Watercraft (jet ski);	Yes	
127	35	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Pontoon Boat;Sailboat;Sailboard/Paddleboard;High Performance Boat (cigarette boat);"V" Hull Boat;Flat Bottom Boat/Jonboat;Personal Watercraft (jet ski);Rowboat/Kayak/Canoe;	Yes	
128	6	Emerald Grande Shuttle;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
125				Yes	Canals. Great to see houses and boats plus out of the wind.
126				Yes	Norriego Point Public Beach. It is clean and for public use.
127	Poor	Poor	Poor	Yes	Beach (Norriego). Nice place to get out
128	Fair	Fair	Fair	Yes	Emerald Grande

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
125	Public Beach (Harbor side). Fun atmosphere	No		Beach near Coast Guard Station
126	Tailfins restaurant. Good restaurant.	No		Crab Island
127	Harbor Docks. Food	Yes	Beach	
128	AJs Restaurant. Destin Fishing Rodeo.	Yes	Emerald Grande	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
125	Yes	Crab Island. Too loud/too crowded	No	
126	Yes	The entire harbor on weekends in the summer. Many people do not know boating rules or safety rules. Many people drink to excess. Crab Island. Inexperienced boaters who consume alcohol are everywhere.	Yes	Crab Island. Boaters who lack boating skills/common sense. Lack of Coast Guard presence. Harbor (entire harbor). Kayakers/canoes are so hard to see.
127	Yes	Crab Island. Too many rentals	Yes	Crab Island. Too many rentals. Jetties. Too many tourist snorkel boats.
128	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
125	Yes	Positive: Rebuilt seawalls by harbor entrance. Negative: more people crowds	Somewhat detracted	
126	Yes	Positive: The pump at the end of the harbor is working! Negative: many boats in the harbor during summer season. Strong odor of human waste by the lifts station every day.	Extremely detracted	Extremely crowded
127	Yes	Negative: Too many rentals.	Extremely detracted	Extremely crowded
128	Yes	Positive: Build up of the public beach area.	Neither added nor detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
125	Somewhat crowded	Somewhat crowded	Same	Same	Same
126	Extremely crowded	Extremely crowded	Worse	Worse	Worse
127	Extremely crowded	Extremely crowded	Worse	Worse	Much worse
128	Moderately crowded	Moderately crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
125	Same	2000 total	Yes	
126	Worse	1000 on restaurants, 400 on groceries, 500 on boat repairs/fuel, 1000 on other boating expenses, 400 on attractions/entertainment	No	Need access to Norriego Point by boat for locals.
127	Worse	1000 on restaurants, 500 on groceries, 500 on boat repairs/fuel, 300 on other boating expenses, 500 on tackle/equipment, 300 on bait/lures, 500 on gas for auto, 500 on attractions/entertainment.	No	Mostly accommodate very large vessels
128	Same	3000 total, 500 on restaurants	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
125	Very	Moderately	Extremely	Moderately
126	Extremely	Extremely	Extremely	Very
127	Very	Extremely	Very	Very
128	Moderately	Very	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
125	Extremely	Slightly	Moderately	Not at all
126	Moderately	Extremely	Extremely	Extremely
127	Extremely	Very	Very	Very
128	Slightly	Extremely		Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
125	Slightly	Slightly	Slightly	Slightly
126	Extremely	Extremely	Extremely	Extremely
127	Very	Very	Very	Very
128	Very	Very	Very	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
125	Slightly	Excellent	Slightly	Very	Slightly
126	Extremely	Fair	Moderately	Extremely	Extremely
127	Extremely	Good	Extremely	Very	Slightly
128	Very	Fair			

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
125	Very	No	
126	Extremely	Yes	People who smoke and litter causing pollution to the water and shoreline damaging wildlife.
127	Very	No	
128	Very	Yes	Jet Ski rentals to unqualified people. Public Safety

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
129	Male	Mary Esther, FL 32569	0	Yes
130	Female	Miramar Beach, FL 32550	4	Yes
131	Male	New Orleans, LA 70131	2	Yes
132	Female	Arrington, TN 37014	40	Yes
133	Male	Niceville, FL 32578	5	Yes
134	Male	Valparaiso, FL 32680	4	Yes
135	Male	Piqua, OH 45356	9	Yes
136	Male	Destin, FL 32541	2-6	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
129	3	Pontoon Boat;Comm. - Dolphin Cruise;	Yes	
130	10		Yes	
131	3-4	Do not own a boat;	No	
132	10	Pontoon Boat;Personal Watercraft (jet ski);	Yes	
133	6	Pontoon Boat;	Yes	
134	10	"V" Hull Boat;	No	Use the launch ramps in another City
135	6	Pontoon Boat;	Yes	
136	Live here (365 days)	Fishing Boat/Bass Boat;Personal Watercraft (jet ski);	Yes	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
129				No	
130				Yes	Dewey Destin. Quality of food.
131				Yes	Marina Cafe. Cood, nourishment.
132	Good	Good	Fair	No	
133				No	
134				Yes	Public Beach. Recreation
135	Poor	Fair	Poor	Yes	Louisiana Lagniappe. Reataurant
136	Good		Good	Yes	Beach North side

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
129				Sightseeing - most times not stopping
130	Boshamp's. Atmosphere	Yes	Dewey's	
131	Harbor Docks. Food, view	Yes		
132				
133				
134	AJs, Dewey Destin's/ Dinner	Yes	Dewey Destin's	
135	Harborwalk. Recreation, restaurants	Yes	Harborwalk	
136				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
129	No		Yes	Entrance to harbor. Traffic - congestion - just need to be more cautious. Under the bridge. Visibility - congestion
130	No		No	
131	No		Yes	Too many boats, pontoons around Crab Island. Too crowded, possibly dangerous for swimming.
132	No		Yes	Crab Island
133	No		No	
134	No		No	
135	Yes	Inlet. Navigating inlet at Harborwalk.	Yes	Crab Island. Use of alcohol
136	Yes	Crab Island! Unsafe rental boats and drunks	Yes	Boat ramp/ next door H2O rental. Out of control. Crab Island. Out of control

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
129	Yes	Negative: Number of watercraft increasing - boaters need to be more careful.	Neither added nor detracted	Moderately crowded
130	No		Neither added nor detracted	Somewhat crowded
131	Yes	Negative: Village/Harborwalk is, in my opinion, and eye sore	Neither added nor detracted	
132	Yes	Positive: Sand Island updates	Neither added nor detracted	Somewhat crowded
133	No		Extremely detracted	Extremely crowded
134	Yes	Positive: More variety in dining. Negative: Lack of dock space	Moderately detracted	
135	Yes	Positive: More small businesses at the boardwalk	Neither added nor detracted	
136	Yes	Negative: Too many rental pontoons and Jet Skis	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
129			Worse	Same	Same
130	Moderately crowded	Not at all crowded	Same	Same	Same
131					
132	Somewhat crowded	Somewhat crowded	Worse	Same	Same
133	Extremely crowded	Extremely crowded	Same	Same	Same
134	Somewhat crowded	Moderately crowded	Better	Better	Same
135	Moderately crowded		Worse	Same	Same
136	Extremely crowded	Extremely crowded	Worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
129	Worse	220 total, 60 on restaurants, 80 on groceries, 25 on gas for auto, 40 on sporting goods.	Yes	
130	Same	3000 total	Yes	
131		1000 total, 500 on restaurants, 500 on groceries, 100 on gas for auto	Yes	
132	Worse	400 on restaurants, 800 on groceries, 800 on guide/charter fees, 200 on gas for auto, 500 on attractions/entertainment	Yes	
133	Same	5000 total	Yes	
134	Same	N/A live on north side of Choctawhatchee Bay	Yes	
135	Same	2000 total	Yes	
136	Much worse	300 total		

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
129	Very	Very	Moderately	Very
130	Very	Moderately	Slightly	Slightly
131	Slightly	Moderately	Moderately	Moderately
132	Extremely	Moderately	Not at all	Moderately
133	Not at all	Not at all	Not at all	Not at all
134	Very	Very	Extremely	Moderately
135	Moderately	Moderately	Moderately	Moderately
136	Extremely	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
129	Moderately	Slightly	Slightly	Extremely
130	Moderately	Moderately	Moderately	Moderately
131	Slightly	Moderately	Very	Very
132	Moderately	Not at all	Moderately	Very
133	Not at all	Not at all	Extremely	Extremely
134	Very	Slightly	Very	Very
135	Moderately	Moderately	Very	Very
136	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
129	Very	Very	Very	Moderately
130	Very	Very	Very	Moderately
131	Very	Extremely	Extremely	Very
132	Moderately	Moderately	Moderately	Moderately
133	Not at all	Not at all	Not at all	Not at all
134	Very	Very	Very	Moderately
135	Very	Very	Very	Very
136	Moderately	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
129	Moderately	Fair	Moderately	Very	Very
130	Very	Fair	Extremely	Extremely	Very
131	Very	Good	Extremely	Very	Very
132	Moderately	Good	Very	Moderately	Moderately
133	Extremely	Fair	Slightly	Slightly	Not at all
134	Moderately	Good	Slightly	Very	Moderately
135	Very	Good	Very	Very	Very
136	Extremely	Poor	Extremely	Extremely	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
129	Extremely	Yes	Discarding debris into the water
130	Extremely	No	
131	Very	No	
132	Moderately	No	
133	Moderately	No	
134	Extremely	No	
135	Extremely	No	
136	Extremely	Yes	Trash in water and on beach!

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
137	Male	FWB, FL 32548	4	Yes
138	Male	Destin, FL 32541	2	Yes
139	Female	Destin, FL 32541	N/A	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
137	10	Pontoon Boat;Personal Watercraft (jet ski);	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
138	50	Pontoon Boat;"V" Hull Boat;Rowboat/Kayak/Canoe;	No	Use private marina space in the Destin Harbor and surrounding waterways
139	N/A	Yacht;	No	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
137				No	
138				Yes	Harbor Village. Shops/Food
139				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
137				No destination, just cruising
138	Public Beach. Walk around the beach.	Yes	Harbor Village	
139				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
137	Yes	All of it. No access to restaurants, All of it. No access to attractions.	No	
138	No		Yes	The channel is congested and is unsafe for non-powered craft
139	Yes		Yes	The channel - under the bridge. Because - rentals do not know the rules on the water and operations of their rentals.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
137	No		Neither added nor detracted	Not at all crowded
138	No		Neither added nor detracted	Moderately crowded
139	Yes	Positive: More boats, rentals, etc. (could be negative, but listed as positive).	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
137	Not at all crowded	Not at all crowded	Same	Same	Same
138	Extremely crowded	Somewhat crowded	Same	Same	Worse
139	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
137	Same	0 for all	No	No access to anything by boat w/o ridiculous costs.
138	Same	500 on restaurants, 200 on groceries, 150 on gas for auto	Yes	
139	Much worse	N/A Live here	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
137	Not at all	Extremely	Moderately	Extremely
138	Very	Extremely	Very	Very
139	Extremely	Extremely	Extremely	Extremely

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
137	Slightly	Extremely	Extremely	Extremely
138			Moderately	Moderately
139	Extremely	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
137	Extremely	Extremely	Extremely	Extremely
138	Very	Extremely	Very	Extremely
139	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
137	Extremely	Very poor	Not at all	Extremely	Extremely
138	Extremely	Good	Slightly	Very	Very
139	Extremely	Very poor	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
137	Extremely	Yes	Crab Island is a huge source of garbage and pollution. I've witnessed absolutely zero enforcement of littering by tourists. I live on the other side of the bay and every summer I have a large amount of trash wash up on my seawall and grassy areas in my waterway.
138	Extremely	Yes	Tourists littering beach/waterways
139	Extremely	Yes	People are not in to safety!!!

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
140	Male	Destin, FL 32541	0	Yes
141	Male	Houma, LA 70360	6	Yes
142	Male	Springfield, VA 22152	6	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
140	2	Personal Watercraft (jet ski);	Yes	
141	18	Fishing Boat/Bass Boat;	Yes	Use private marina space in the Destin Harbor and surrounding waterways
142	8	Fishing Boat/Bass Boat;Pontoon Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
140	Fair	Good	Fair	Yes	Tree houses - Ziplines. So much fun to do the zipline, grandkids love it.
141				Yes	Waterview Towers Marina. Reason: My personal boat dock
142	Excellent	Good	Good	Yes	East Jetty for fishing and snorkeling

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
140	The docks. Admire boats see beautiful boats deep sea fishing.	No		Dinner on the harbor/Deep Sea Fishing.
141	Harbor Village. Reason: Restaurants, entertainment and shopping.	Yes	Waterview Towers Marina	
142	West Jetty Beach for walking, rocks, the view of gulf	No		Crab Island and USCG Station

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)		Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
140	No			No	
141	No			No	
142	No			No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
140	No		Somewhat detracted	Not at all crowded
141	Yes	Bulkheading the Point - Keeping area clean	Somewhat detracted	Somewhat crowded
142	Yes	Positive: More safety patrols and larger no wake areas	Added	Not at all crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
140	Extremely crowded	Somewhat crowded	Same	Better	Better
141	Moderately crowded	Not at all crowded	Better	Better	Better
142	Not at all crowded	Moderately crowded	Better	Better	Better

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
140	Worse	1550 total, 300 on restaurants, 300 on groceries, 200 on launch fees, 180 on boat repairs/fuel, 200 on other boating expenses, 50 on tackle/equipment, 30 on bait/lures, 100 on guide/charter fees, 400 on gas for auto, 700 on attractions/entertainment, 160 on sporting goods.	Yes	
141	Same	1840 total, 500 on restaurants, 250 on groceries, 600 on boat repairs/fuel, 100 on other boating expenses, 50 on tackle and equipment, 100 on bait/lures, 50 on gas for auto, 50 on bus/transit (water taxi), 100 on attractions, 40 on sporting goods.	Yes	
142	Better	1800 total	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
140	Moderately	Moderately	Not at all	Moderately
141	Very	Extremely	Very	Very
142	Moderately	Extremely	Moderately	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
140	Moderately		Very	Very
141	Moderately	Very	Very	Extremely
142	Moderately	Extremely	Very	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
140	Very	Extremely	Extremely	Very
141	Moderately	Very	Moderately	Slightly
142	Very	Extremely	Very	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
140	Extremely	Fair	Moderately	Extremely	Extremely
141	Moderately	Excellent	Extremely	Extremely	Moderately
142	Slightly	Excellent	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
140	Very	No	
141	Extremely	No	
142	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
143	Male	Destin, FL 32541	6	Yes
144	Female	Dallas, TX 75244	2	Yes
145	Male	Valparaiso, FL 32580	10	Yes
146	Male	Baton Rouge, LA 70810	17	Yes
147	Female	Metropolis, Illinois 629620	6	Yes
148	Male	Destin, FL 32541	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
143	6	Pontoon Boat;	No	Use the launch ramps in another City
144	6	N/A;	Yes	
145	Very many	"V" Hull Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
146	15	None;	No	
147	4	None;		
148	Residence	Pontoon Boat;	Yes	

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
143	Poor	Very Poor	Very Poor	No	
144	Fair	Fair	Poor	Yes	Harborwalk. Entertainment, but the parking fee is bad.
145	Very Poor	Very Poor	Very Poor	No	It is all ruined
146				No	
147	Good		Good	Yes	Louisiana Lagniappe. Restaurants and social bars - utilize the Destin Taxi boat.
148	Excellent	Excellent	Excellent	No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
143				Harborwalk
144	Tailfin's and AJ's. Eat	No		LuLu's
145				
146				
147	Harborwalk, Dewey Destin, AJ's	Yes	Louisiana Lagniappe	
148				Cruise the harbor

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
143	Yes	Pretty much all of them. Too expensive, too crowded, too many people that can't operate watercraft, way too many drunks	Yes	All of them. Too many drunks, people can't operate watercraft.
144	No		No	
145	Yes	All of it	Yes	Crab Island. It is ruined - overcrowded - A waste
146				
147	No		No	I feel surveillance is done well, condo area for visitors needs constant attention
148	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
143	Yes	Negative: Overbuilt, zero concern for public safety, way too crowded, too many drunks, very unsafe, rental places will rent to anyone regardless of whether they can operate watercraft.	Extremely detracted	Extremely crowded
144	Yes	Negative: Way overcrowded	Somewhat detracted	Somewhat crowded
145	Yes	Negative: Crowds - Drunks - Poor Drivers	Extremely detracted	Extremely crowded
146				
147	Yes	Negative: Expanding the area across from Margaritaville	Added	Not at all crowded
148	Yes	Negative: Too crowded (mostly in summer)	Somewhat detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
143	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse
144	Somewhat crowded	Somewhat crowded	Worse	Same	Same
145	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse
146					
147	Not at all crowded	Not at all crowded	Same	Same	Same
148	Moderately crowded	Moderately crowded	Worse	Worse	Worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
143	Much worse	500 on restaurants, 300 on groceries, 50 on launch fees, 100 on boat repairs/fuel, 200 on tackle/equipment, 50 on bait and lures, 800 on guide/charter fees, 200 on gas for auto, 300 on attractions.	No	Too many car washes, surf shops and tourist trap restaurants.
144	Worse	200 on restaurants, 300 on attractions.	Yes	
145	Much worse		No	You have ruined Destin Harbor
146				
147	Same	800 for restaurants, 200 for groceries, 80 for other boating expenses(water taxi), 300 for guide/charter fees, 150 for gas for auto, 300 for attractions. Added 1500 for updates to Condos (Home Depot, Lowes, etc.)	Yes	
148	Worse	I live and stay in Destin 8+ months per year	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
143	Very	Extremely	Very	Extremely
144	Moderately	Very	Very	Very
145	Extremely	Extremely	Extremely	Extremely
146				
147	Extremely	Extremely	Extremely	Extremely
148	Very	Very	Very	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
143	Very	Extremely	Extremely	Extremely
144	Very	Very	Very	Very
145	Extremely	Extremely	Extremely	Extremely
146			Moderately	Moderately
147	Extremely	Extremely	Extremely	Extremely
148	Very	Moderately	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
143	Extremely	Extremely	Extremely	Extremely
144	Very	Extremely	Very	Moderately
145	Extremely	Extremely	Extremely	Extremely
146	Moderately	Moderately	Moderately	Slightly
147	Extremely	Extremely	Extremely	Extremely
148	Moderately	Very	Moderately	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
143	Extremely	Very poor	Extremely	Extremely	Extremely
144	Very	Fair	Moderately	Very	Very
145	Extremely	Very poor	Extremely	Extremely	Extremely
146	Not at all	Good	Moderately	Moderately	Moderately
147	Extremely	Excellent	Extremely	Extremely	Extremely
148	Very	Good	Slightly	Extremely	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
143	Extremely	Yes	All of them - people dumping trash (beer cans), people dumping gas and oil, people dumping fishing line, lead weights, etc.
144	Extremely	No	
145	Extremely	Yes	Are you kidding? Just look
146	Extremely	No	
147	Extremely	No	
148	Extremely	Yes	Littering

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
149	Male	Lafayette, LA 70508	4	Yes
150	Male	Destin, FL 32541	30+	Yes
151	Female	Destin, FL 32541	4	Yes
152	Male	Phenix City, AL 36867	6	Yes
153	Male	Symsonia, KY 42082	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
149	50	Runabout/Speedboat/Ski Boat;	Yes	
150	100s	Fishing Boat/Bass Boat;"V" Hull Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
151	800	High Performance Boat (cigarette boat);"V" Hull Boat;Offshore fishing boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
152	20	"V" Hull Boat;	Yes	Use the launch ramps in another City
153	10	Rowboat/Kayak/Canoe;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
149				Yes	Emerald Grande. Own a condo there
150				Yes	Harbor docks restaurant. Reason: Where my boat is
151				Yes	Norriego. It is home to me, the nature and view.
152	Excellent	Excellent	Excellent	Yes	Bochamps for dockside foods
153				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
149	Harry T's. Good food	Yes	Condo	
150		Yes	(Harbor Docks Restaurant)	
151	The water. It is a part of my heritage and my soul	Yes	The water	
152	AJs/Harry Ts for dockside food/fuel	Yes	Bochamps	
153				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
149	No		No	
150	Yes	Norriego Point Public Beach due to too much congestion, not safe or family friendly. Crab Island for same reason	Yes	Everywhere the channel narrows due to too many inexperienced operators of rental vessels
151	Yes	Crab Island. Too crowded with inexperienced boaters/renters Entry/mouth of harbor in front of Harry Ts. Dangerous congestion	Yes	Crab Island. Crowded with inexperienced boaters/renters Entry - bridge/point to Harry Ts
152	No		No	
153	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
149	No		Somewhat detracted	
150	Yes	Negative: More drunk and disorderly operators, too many pontoon and/or personal watercraft with inexperienced operators.	Extremely detracted	Moderately crowded
151	Yes	Positive: Increase L.E.O.s Negative: More watercraft and disabled brats	Extremely detracted	Extremely crowded
152	Yes	Negative: Crowded, Norriego Point access harbor side cramped now	Extremely detracted	Somewhat crowded
153	No		Neither added nor detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
149	Extremely crowded	Moderately crowded	Worse	Same	Same
150	Extremely crowded	Somewhat crowded	Worse	Much worse	Much worse
151	Extremely crowded	Extremely crowded	Much worse	Worse	Much worse
152	Extremely crowded	Moderately crowded	Same	Same	Same
153	Somewhat crowded	Not at all crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
149	Worse	500 total	Yes	
150	Much worse	1000 on restaurants, 400 on groceries, 200 on sporting goods	Yes	
151	Much worse	1800 total, 300 on restaurants, 3000 on groceries, 300 on boat repairs/fuel, 300 on tackle and equipment, 300 on bait/lures	Yes	
152	Worse	3800 total, 2000 on restaurants, 600 on groceries, 50 on launch fees, 500 on boat repairs, 200 on tackle/equipment, 200 on bait/lures, 200 on guide/charter fees, 200 on gas for auto, 250 on attractions	Yes	
153	Same	600 on restaurants, 600 on groceries, 250 on tackle/equipment, 450 on guide/charter fees, 200 on gas for auto, 200 on attractions, 200 on sporting goods	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
149	Very	Extremely	Not at all	Very
150	Very	Extremely	Very	Very
151	Very	Very	Extremely	Extremely
152	Slightly	Slightly	Slightly	Slightly
153	Slightly	Moderately	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
149	Extremely	Extremely	Very	Extremely
150	Moderately	Extremely	Extremely	Extremely
151	Very	Moderately	Extremely	Extremely
152	Slightly	Slightly	Slightly	Moderately
153	Extremely	Slightly	Moderately	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
149	Very	Extremely	Very	Very
150	Extremely	Extremely	Extremely	Extremely
151	Extremely	Extremely	Extremely	Extremely
152	Moderately	Very	Very	Moderately
153	Slightly	Not at all	Slightly	Not at all

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
149	Extremely	Good	Not at all	Very	Very
150	Extremely	Poor	Moderately	Extremely	Slightly
151	Extremely	Fair	Slightly	Very	Extremely
152	Moderately	Fair	Very	Very	Moderately
153	Not at all	Fair	Moderately	Very	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
149	Extremely	No	
150	Extremely	Yes	Excessive speed in no wake zones sending waves towards delicate shorelines, littering
151	Extremely	Yes	Driving across the island a lot of litter
152	Extremely		
153	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
154	Male	Boardman, OH 44512	6	Yes
155	Prefer not to say	Tuscaloosa, AL 35406	6	Yes
156	Male	Niceville, FL 32578	4	Yes
157	Male	Buford, GA 30518	3	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
154	12	Pontoon Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
155	15	Fishing Boat/Bass Boat;	Yes	
156	3	Fishing Boat/Bass Boat;	No	Use the launch ramps in another City
157	20	Fishing Boat/Bass Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
154	Fair	Fair	Fair	Yes	Weigh in @ Destin Harbor. Family oriented
155	Good	Good	Good	Yes	Boshamps. Great food and atmosphere.
156				Yes	Canals. View houses and boats
157				Yes	Restaurant Row. Food and drink and music.

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
154		Yes	Weigh In	
155	Harborwalk Marina. Fuel, bait, ice.	Yes	Both	
156		No		Sightseeing
157	Harbor Tavern. Music	Yes	Restaurants @ night	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
154	No		No	
155	No		No	
156	No		No	
157	Yes	Crab Island. Too many "spores" "Stupid People on Rental Equipment"	Yes	Crab Island. Too busy - dumb drivers. We usually go to dinner and drink and the middle harbor has too many abandoned boats with "no lights" anchored in the channel - fine them and tow them off. Add "solar lights" to poles in harbor - easy fix. Trash and too many rental boats.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
154	Yes	Crab Island. Too crowded	Somewhat detracted	Not at all crowded
155	No		Neither added nor detracted	Not at all crowded
156	Yes	<p>Positive: Generally good policing of area.</p> <p>Negative: Jet Ski and pontoon rental - people don't know how to properly operate and navigate watercraft.</p>	Somewhat detracted	
157	Yes	<p>Positive: fixing the back harbor pump has helped water quality</p> <p>Negative: Too many rental boaters with no experience - puts me on high alert. Stop allowing more rental applications.</p>	Moderately detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
154	Not at all crowded	Not at all crowded	Same	Same	Same
155	Somewhat crowded	Somewhat crowded	Same	Same	Same
156	Moderately crowded		Same	Same	Same
157	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
154	Same	100 on restaurants, 200 on other boating expenses (rental)	Yes	
155	Same	300 on restaurants, 300 on groceries, 20 on launch fees, 500 on boat repairs, 100 on tackle/equipment, 100 on bait/lures, 100 on gas for auto, 100 on attractions	Yes	
156	Same	2000 on boat repairs/fuel, 200 on tackle and equipment, 200 on bait/lures	Yes	
157		200 on restaurants, 300 on groceries, 150 on boat repairs/fuel	No	Need more public boat parking

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
154	Very	Very	Very	Very
155	Moderately	Very	Very	Very
156	Slightly	Extremely	Extremely	Moderately
157				

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
154	Very	Very	Very	Very
155	Moderately	Very	Very	Very
156	Slightly	Moderately	Very	Extremely
157	Slightly		Slightly	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
154	Extremely	Extremely	Extremely	Extremely
155	Very	Very	Extremely	Moderately
156	Extremely	Extremely	Very	Very
157	Moderately	Moderately	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
154	Extremely	Good	Very	Very	Very
155	Moderately	Good	Very	Very	Moderately
156	Extremely	Good	Slightly	Very	Moderately
157	Extremely	Good	Extremely	Extremely	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
154	Extremely	No	
155	Extremely	Yes	Boating/fishing - burning fuel created emissions having an impact on air and water quality.
156	Extremely	No	
157	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
158	Male	Abita Springs, LA 70420	6	Yes
159	Female	Destin, FL 32541	15	Yes
160	Female		6	Yes
161	Female	Nashville, TN 37204	4-10	Yes
162	Male	Mt. Juliet, TN 37122	6	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
158	15	Fishing Boat/Bass Boat;"V" Hull Boat;Personal Watercraft (jet ski);	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
159	20	Fishing Boat/Bass Boat;	Yes	
160	6	Pontoon Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
161	12	Personal Watercraft (jet ski);	No	Use private marina space in the Destin Harbor and surrounding waterways
162	5	Fishing Boat/Bass Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
158				No	
159				No	
160	Fair	Poor	Fair	No	
161				Yes	Dewey Destin. Good food
162	Good	Good	Good	No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
158				
159				
160				
161	Harbor Town. Gasoline	No	Home on Holiday Isle	
162				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
158	No		Yes	The harbor inlet. Too many watercraft rentals (Inexperienced boaters)
159	Yes	The narrow area between the point and Harborwalk. Very congested.	Yes	All the pontoons are overrunning our harbor on the north side. Too many rentals.
160	Yes	Crab Island	No	
161	Yes	Crab Island. Too crowded	Yes	Coming through the pass by the bridge. Too crowded
162	No			

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
158	Yes	Negative: Too many watercraft rentals	Moderately detracted	
159	Yes	Negative: Too many rental pontoons.	Extremely detracted	Moderately crowded
160	No		Neither added nor detracted	Moderately crowded
161	No		Somewhat detracted	
162	No		Neither added nor detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
158	Extremely crowded	Extremely crowded	Same	Same	Same
159	Extremely crowded	Moderately crowded	Much worse	Same	Same
160	Moderately crowded		Same	Better	Better
161	Moderately crowded	Not at all crowded	Worse	Same	Same
162	Somewhat crowded	Somewhat crowded	Better	Better	Better

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
158	Same	600 on restaurants, 400 on groceries, 100 on bait/lures, 1500 on guide/charter fees, 200 on attractions	Yes	
159	Much worse	I live in Destin	No	Too many rental pontoons
160	Same	500 on restaurants, 200 on groceries, 250 on launch fees, 300 on attractions.	Yes	
161	Worse	1000 on restaurants, 500 on groceries, 300 on boat repairs/fuel	Yes	
162	Better	500 on restaurants, 200 on guide/charter fees	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
158	Extremely	Very	Slightly	Very
159	Moderately			
160	Very	Very	Very	Very
161	Not at all	Moderately	Moderately	Moderately
162	Very	Very	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
158	Slightly	Very	Very	Very
159	Very			
160	Very	Very	Very	Very
161	Moderately	Moderately	Moderately	Moderately
162	Moderately	Very	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
158	Moderately	Moderately	Very	Very
159	Extremely	Extremely	Extremely	Extremely
160	Moderately	Moderately	Moderately	Moderately
161	Very	Very	Moderately	Slightly
162	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
158	Very	Fair	Very	Very	Moderately
159	Extremely	Fair	Moderately	Very	Extremely
160	Very	Good	Very	Very	Moderately
161	Extremely	Poor	Extremely	Extremely	Moderately
162	Extremely	Good	Moderately	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
158	Extremely	No	
159	Extremely	No	
160	Extremely	Yes	Fishing from the beach while children and families are swimming
161	Extremely	No	
162	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
163	Female	Birmingham, AL 35223	3	Yes
164	Male	Niceville, FL 32578	4	Yes
165	Male	Destin, FL 32541	2	Yes
166	Male	Kansas	4	Yes
167	Male	Cypress, TX 77433	5	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
163	1 or 2 times a year	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
164	10	Runabout/Speedboat/Ski Boat;Personal Watercraft (jet ski);	No	Use the launch ramps in another City
165	5	Sailboat;	No	Use private marina space in the Destin Harbor and surrounding waterways
166	5+	Runabout/Speedboat/Ski Boat;	Yes	
167	2	Pontoon Boat;Personal Watercraft (jet ski);	No	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
163	Good	Poor	Fair		
164	Good	Good	Good	Yes	Crab Island
165				No	
166				Yes	All restaurants
167	Fair		Fair	No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
163				Fishing in the Gulf
164		Yes	Crab Island	
165				
166		No		Walk around, eat, drink, ...
167				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
163	Yes	Crab Island. Too much unsupervised activity. Especially novice boaters. Anywhere there is jetski rental or water life. People seem to lose all sense - no respect for boating rules - practically dare you to hit them	Yes	Same as above (Crab Island. Too much unsupervised activity. Especially novice boaters. Anywhere there is jetski rental or water life. People seem to lose all sense - no respect for boating rules - practically dare you to hit them)
164	No		No	
165	No		Yes	Crab Island
166	No		No	
167	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
163	Yes	Negative: Too congested - stupid vacationers - don't obey boating rules	Somewhat detracted	Somewhat crowded
164	No		Neither added nor detracted	
165	Yes	Negative: Decrease in water quality	Extremely detracted	
166	No		Neither added nor detracted	Not at all crowded
167	No		Added	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
163	Moderately crowded	Not at all crowded	Worse	Same	Worse
164	Moderately crowded		Same	Same	Same
165	Extremely crowded	Extremely crowded	Worse	Worse	Much worse
166	Somewhat crowded	Not at all crowded	Same	Same	Same
167	Moderately crowded		Much better	Better	Better

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
163	Same	1000 total		
164	Same	None	Yes	
165	Worse	800 on restaurants	Yes	
166	Same	500+ total, 300+ on restaurants, 300+ on groceries, 200 on other boat expenses, 100 on gas for auto	Yes	
167	Worse	300 on restaurants, 400 on groceries, 450 on other boating expenses	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
163	Moderately	Very	Moderately	Moderately
164				
165	Very	Very	Moderately	Very
166	Extremely	Extremely	Extremely	Very
167	Moderately	Very	Extremely	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
163	Very	Very	Very	Very
164				Very
165	Slightly	Very	Very	Very
166	Extremely	Very	Very	Very
167	Moderately	Very	Very	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
163	Extremely	Extremely	Extremely	Very
164	Very	Very	Very	Very
165	Moderately	Extremely	Very	Very
166	Very	Very	Extremely	Moderately
167	Very	Moderately	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
163	Extremely	Good	Extremely	Very	Very
164	Very	Good	Very	Very	Very
165	Extremely	Fair	Moderately	Extremely	Moderately
166	Very	Fair	Extremely	Extremely	Moderately
167	Extremely	Good	Extremely	Moderately	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
163	Very	Yes	Littering and the lack of respect for the area and its beauty
164	Extremely	No	
165	Moderately	Yes	Unsafe PWC operations
166	Extremely	Yes	All boating activities have engines with possible oil or gas leaks. But what can you do really?
167	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
168	Female	Fostoria, OH 44830	11	Yes
169	Male	Destin, FL 32541	2	Yes
170	Male	Destin, FL 32541	4	Yes
171	Female	Walnut Grove, MO 65770	2	Yes
172	Male	Saltilla, MS 38866		Yes
173	Male	Santa Rosa Beach, FL 32549	2	No

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
168	12	Rowboat/Kayak/Canoe;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
169	5	Pontoon Boat;Rowboat/Kayak/Canoe;	Yes	
170	25	Pontoon Boat;Charter Fishing;	Yes	
171	1	Fishing Boat/Bass Boat;	Yes	
172	10	Fishing Boat/Bass Boat;	No	
173			No	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
168				Yes	Public Beach. Nice kayak trip from Sandpiper Cove.
169				Yes	Bridge. Fishing
170				Yes	Harbor Tavern. Lunch/dinner spot
171				Yes	Harborwalk Marina. Feel
172				No	
173				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
168	Harbor Walk. Food and entertainment	Yes	Both	
169	Jetty. Fishing	Yes	Bridge	
170		Yes	Harbor Tavern	
171	AJ's. Food	No		Condo
172				
173				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
168	No		No	
169	No		No	
170	No		Yes	Entrance East Pass. No wake zone is hardly observed
171	No		Yes	Destin Marina. Tremendous strong current
172	No		No	
173	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
168	No		Neither added nor detracted	Not at all crowded
169	Yes	Negative: Fishing has slowed down	Neither added nor detracted	Not at all crowded
170	Yes	Positive: Point being refurbished		
171	No		Neither added nor detracted	Moderately crowded
172	No		Neither added nor detracted	
173	No		Neither added nor detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
168	Not at all crowded	Not at all crowded	Same	Same	Same
169	Somewhat crowded	Somewhat crowded	Better	Better	Worse
170					
171	Moderately crowded	Moderately crowded	Same	Same	Same
172	Not at all crowded	Not at all crowded	Same	Same	Same
173					

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
168	Same	800 on restaurants, 600 on groceries, 100 on tackle/equipment, 50 on bait/lures, 200 on guide/charter fees, 30 on gas for auto	Yes	
169	Better	100 on restaurants, 50 on tackle/equipment, 15 on bait/lures	Yes	
170		500 on restaurants, 150 on groceries, 3800 on guide/charter fees, 150 on gas for auto, 50 on sporting goods	Yes	
171	Same	4000 total	No	Not enough public docking for private boats to stop and eat
172	Same	600 on restaurants, 400 on groceries, 2000 on guide/charter fees	Yes	
173		0 total	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
168	Slightly	Slightly	Slightly	Slightly
169	Slightly	Not at all	Not at all	Not at all
170				
171	Very	Extremely	Extremely	Extremely
172	Very	Very	Very	Very
173	Moderately	Very	Very	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
168	Slightly	Slightly	Moderately	Moderately
169	Moderately	Slightly	Extremely	Extremely
170				
171	Very	Extremely	Extremely	Extremely
172	Very	Very	Very	Very
173	Moderately	Not at all	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
168	Moderately	Moderately	Moderately	Moderately
169	Slightly	Moderately	Moderately	Moderately
170	Very	Extremely	Extremely	Extremely
171	Extremely	Extremely	Extremely	Extremely
172	Very	Very	Very	Very
173	Very	Extremely	Extremely	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
168	Moderately	Good	Moderately	Moderately	Moderately
169	Extremely	Very poor	Slightly	Very	Moderately
170	Extremely	Good	Moderately	Very	Very
171	Extremely	Good	Extremely	Extremely	Extremely
172	Very	Good	Extremely	Extremely	Extremely
173	Very	Good	Moderately	Moderately	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
168	Moderately	No	
169	Very	No	
170	Very		
171	Extremely	No	
172	Extremely	No	
173	Moderately	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
174	Male	Hopkinsville, KY 42240	5	Yes
175	Male	Destin, FL 32541	4	Yes
176	Female	Plymouth, Mass 02360	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
174	72	Pontoon Boat;Personal Watercraft (jet ski);	Yes	
175	2	Runabout/Speedboat/Ski Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
176	12	Pontoon Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
174	Fair		Fair	No	
175				No	
176				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
174				
175		No		Friend's house; cruising
176				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
174	No		No	
175	Yes	All of the harbor. Too congested; poor water quality. Crab Island. Too congested; poor water quality; dangerous	Yes	Crab Island. BUI Choctawhatchee Bay. Speeds are too high (waverunners)
176	Yes	Norriego Point. Too many boat rentals to novices causing stressful, dangerous navigation conditions.	Yes	Norriego Point. Too many boat rentals to novices causing stressful, dangerous navigation conditions.

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
174	Yes	Negative: Restricted/no use of west side of Destin Pass	Neither added nor detracted	Extremely crowded
175	Yes	Negative: Too many boats, waverunners, trash	Extremely detracted	
176	Yes	Positive: No Negative: Overcrowded, stressing marine life	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
174	Somewhat crowded	Somewhat crowded	Same	Same	Same
175	Extremely crowded			Much worse	Much worse
176	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
174	Same	6000 on restaurants, 1000 on groceries, 100 on launch fees, 2500 on other boating expenses, 250 on tackle/equipment, 100 on bait/lures, 900 on guide/charter fees, 3000 on attractions, 500 on sporting goods	Yes	
175		500 on restaurants, 200 on groceries, 20 on launch fees, 80 on boat repairs/fuel, 100 on gas for auto.	Yes	
176	Much worse	1200 total, 500 on restaurants, 400 on groceries, 300 on other boating expenses	Yes	As long as it doesn't get more crowded

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
174	Slightly	Extremely	Very	Extremely
175	Extremely	Extremely	Extremely	Extremely
176	Very	Extremely	Extremely	

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
174	Extremely	Very	Very	Very
175	Very	Extremely	Extremely	Extremely
176	Very	Extremely	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
174	Slightly	Extremely	Extremely	Moderately
175	Extremely	Extremely	Extremely	Extremely
176	Extremely	Extremely	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
174	Moderately	Good	Very	Extremely	Moderately
175	Extremely	Very poor	Extremely	Extremely	Extremely
176	Extremely	Fair	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
174	Extremely	No	
175	Extremely	Yes	Harassment of local wildlife (chasing dolphins 0 getting too close). Also witnessed illegal duck hunting on Choctawhatchee Bay (Firing a shotgun from a moving boat). The littering is out of control. The discarded fishing lines are hazardous to marine life.
176	Extremely	Yes	Too many boaters not respecting our environment

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
177	Female	New Orleans, LA 70124	4	Yes
178	Male	Destin, FL 32541	6	Yes
179	Male	Naples, FL 34108	12	Yes
180	Female	Destin, FL 32541	12	Yes
181	Male	Niceville, FL 32578	0	Yes
182	Male	Valparaiso, FL 32580	5	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
177	20	Fishing Boat/Bass Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
178	10	Runabout/Speedboat/Ski Boat;	Yes	
179	10	Pontoon Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
180	10	Pontoon Boat;	Yes	
181	2	Fishing Boat/Bass Boat;	Yes	
182	10	Runabout/Speedboat/Ski Boat;"V" Hull Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
177	Good	Excellent	Good	Yes	Boathouse Oyster Bar. Dinner, luve music.
178	Good	Good	Good	No	
179				No	
180	Excellent	Excellent	Excellent	Yes	Norriego Point: To let the kids/grandkids swim
181				No	
182				Yes	Crab Island: Clear, shallow water during high tide

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
177	Harborwalk Marina. Gas, ice	Yes	Boathouse	
178				
179				
180		Yes	Norriego Point	
181				
182		Yes	Crab Island	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
177	No		No	
178	Yes	Norriego Point. Overly congested/not safe/too many rentals. Crab Island. Overly congested/not safe/too many rentals	Yes	Crab Island. Overly congested/too many rentals
179	No		No	
180	No		No	
181	No		No	
182	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
177	Yes	Negative: Water quality at Sandpiper Cove launch and boat canal has gotten dirtier.	Neither added nor detracted	Not at all crowded
178	Yes	Negative: Too many rental pontoons	Extremely detracted	Somewhat crowded
179	No		Neither added nor detracted	Moderately crowded
180	Yes	Positive: The rebuilding of Norriego Point	Somewhat detracted	Not at all crowded
181	No			Somewhat crowded
182	No		Somewhat detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
177	Not at all crowded	Not at all crowded	Same	Same	Same
178	Extremely crowded	Moderately crowded	Much worse	Worse	Worse
179	Moderately crowded	Moderately crowded	Same	Same	Same
180	Somewhat crowded	Extremely crowded	Worse	Same	Same
181	Somewhat crowded	Somewhat crowded	Same	Same	Same
182	Moderately crowded	Moderately crowded	Same	Better	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
177	Same	60 on restaurants, 100 on groceries, 20 on launch fees, 40 on boat repairs/fuel, 100 on other boating expenses, 30 on tackle/equipment, 30 on bait/lures, 60 on gas for auto.	Yes	
178	Much worse	3500 on restaurants, 3500 on boat repairs/fuel, 5000 on guide/charter fees	Yes	
179	Same	1500 total	Yes	
180	Worse	200 on restaurants, 200 on boat repairs/fuel, 100 on tackle/equipment, 100 on bait/lures, 200 on gas for auto	Yes	
181	Same	80 on boat repairs/fuel, 30 on bait/lures	Yes	
182	Same	100 on restaurants, 150 on baot repairs/fuel	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
177	Very	Extremely	Very	Very
178	Extremely	Extremely	Extremely	Extremely
179	Moderately	Moderately	Extremely	Moderately
180	Extremely	Very	Not at all	Moderately
181	Moderately	Not at all	Not at all	Not at all
182	Very	Very	Extremely	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
177	Extremely	Very	Very	Very
178	Extremely	Extremely	Extremely	Extremely
179	Moderately	Moderately	Moderately	Extremely
180	Extremely	Moderately	Extremely	Extremely
181	Moderately	Not at all	Slightly	Moderately
182	Moderately	Very	Moderately	Slightly

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
177	Very	Very	Extremely	Very
178	Extremely	Extremely	Extremely	Extremely
179	Moderately	Extremely	Extremely	Moderately
180	Moderately	Moderately	Extremely	Extremely
181	Very	Very	Moderately	Very
182	Very	Very	Very	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
177	Very	Fair	Moderately	Very	Moderately
178	Extremely	Fair	Very	Very	Extremely
179	Extremely	Fair	Extremely	Extremely	Extremely
180	Moderately	Good	Extremely	Very	Moderately
181	Very	Good	Very	Very	Very
182	Very	Good	Moderately	Very	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
177	Extremely	No	
178	Extremely	Yes	<p>Jet Ski rentals cutting people/other boaters off.</p> <p>Pontoon rentals, guests don't know how to operate or follow coast guard rules</p>
179	Extremely	Yes	Dumping garbage
180	Extremely	No	
181	Very	No	
182	Extremely	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
183	Male	Shaliman, FL 32579	3	Yes
184	Male	Mary Esther, FL 32569	2	Yes
185	Female	Mary Esther, FL 32569	0 (Did not visit)	Yes
186	Male	Destin, FL 32541	6	Yes
187	Male	Destin, FL 32541	2	Yes
188	Male	Destin, FL 32541	4	Yes
189	Male	32541	unlimited	Yes
190	Female	34291	8	Yes
191	Male	New Orleans, LA 70118	2-6	Yes
192	Female	15101	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
183	20	"V" Hull Boat;Runabout/Speedboat/Ski Boat;	No	
184	12	Pontoon Boat;	No	Use the launch ramps in another City
185	2	Fishing Boat/Bass Boat;	No	
186	We live on the harbor	"V" Hull Boat;	Yes	
187	10	Runabout/Speedboat/Ski Boat;Pontoon Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways
188	24	Pontoon Boat;	Yes	
189		Fishing Boat/Bass Boat;	No	
190	8		No	
191	20	Runabout/Speedboat/Ski Boat;	Yes	
192	12	Pontoon Boat;	Yes	

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
183				No	
184				No	
185				Yes	Destin Harbor: See what's going on - eat
186	Good	Good	Good	Yes	Norriego Point: Hang out and swim
187				No	
188				Yes	Boshamps: Dinner, boat parade, access to boardwalk
189				No	
190				Yes	Boathouse Oyster Bar - great atmosphere
191				No	
192				Yes	Destin Harbor Boardwalk - like walking and shopping

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
183				
184				
185	Public Beach	Yes	Destin Harbor	
186		No		Cruising the inland waterway
187				
188	Sightseeing	No		Crab Island, Joe's Bayou
189		No		
190		No	just walking the Harbor	
191		No		
192	Norriego Point - sunset	No		Snapper Cove

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
183	No		No	
184	No		No	
185	No		No	
186	Yes	Crab Island: Too much traffic	No	
187	Yes	Crab Island: Congestion and dangerous operations of other crafts	Yes	Crab Island and surrounding area My residence on Calhoun Ave: Dangerous operation of Jet Skis too close to our dock
188	No		No	
189	No		Yes	too many rentals with no boating experience - eliminate rental boats. Tiki boat tours are also unsafe
190	No		No	
191	No		No	
192	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
183	Yes	Negative: More and more normal		
184	Yes	Negative: Traffic	Moderately detracted	
185	Yes	Negative: More crowded	Moderately detracted	
186	Yes	Negative: Too many anchored vessels and pontoon rentals	Added	Not at all crowded
187	Yes	Negative: Overcrowding and congestion	Added	Extremely crowded
188	No		Neither added nor detracted	
189	Yes	too many rentals with no knowledge of boating	Extremely detracted	Extremely crowded
190	No			Not at all crowded
191	No		Somewhat detracted	Moderately crowded
192	Yes	Seems cleaner	Neither added nor detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
183	Moderately crowded	Moderately crowded	Worse	Worse	Worse
184	Extremely crowded		Worse	Same	Same
185	Moderately crowded			Worse	Worse
186	Not at all crowded	Not at all crowded	Same	Same	Same
187	Extremely crowded	Extremely crowded	Worse	Worse	Worse
188	Moderately crowded	Extremely crowded	Same	Same	Same
189	Extremely crowded		Much worse	Much worse	Much worse
190	Not at all crowded	Not at all crowded	Same	Same	Same
191	Moderately crowded	Moderately crowded	Same	Same	Same
192	Somewhat crowded	Not at all crowded	Same	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
183	Worse	NA		
184	Worse	0 on everything	Yes	
185		100 on restaurants	Yes	
186	Same	20000 annually total	Yes	
187	Worse	200 total	Yes	
188	Same	300 on restaurants, 400 on pontoon rentals (6 times)	Yes	
189	Much worse		Yes	
190	Same	\$1,100	Yes	
191	Same		Yes	
192	Same	\$1,000	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
183	Moderately	Very	Very	Extremely
184	Moderately	Very	Extremely	Moderately
185	Very	Very	Moderately	Moderately
186	Very	Very	Very	Very
187	Moderately	Slightly	Very	Very
188	Not at all	Not at all	Not at all	Not at all
189	Not at all	Extremely	Moderately	Moderately
190				
191	Very	Very	Very	Very
192	Moderately	Very	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
183	Moderately	Very	Very	Very
184	Moderately	Moderately	Extremely	Extremely
185	Very	Moderately	Very	Very
186	Very	Very	Very	Very
187	Moderately	Very	Very	Very
188	Not at all	Not at all	Moderately	Very
189	Extremely	Extremely	Moderately	Extremely
190			Moderately	Moderately
191	Very	Very	Very	Very
192	Very	Very	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
183	Very	Very	Very	Very
184	Moderately	Extremely	Moderately	Moderately
185	Very	Very	Very	Very
186	Very	Very	Very	Very
187	Extremely	Extremely	Extremely	Extremely
188	Moderately	Slightly	Moderately	Slightly
189	Extremely	Extremely	Extremely	Extremely
190	Moderately	Very	Very	Moderately
191	Very	Very	Very	Very
192	Very	Very	Moderately	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
183	Very	Fair	Moderately	Extremely	Very
184	Moderately	Fair	Moderately	Extremely	Moderately
185	Very	Fair	Very	Very	Very
186	Very	Good	Extremely	Slightly	Very
187	Extremely	Poor	Extremely	Extremely	Extremely
188	Very	Good	Very	Very	Slightly
189	Slightly	Poor	Extremely	Extremely	Extremely
190	Moderately	Good	Moderately	Moderately	Moderately
191	Very	Fair	Very	Very	Very
192	Very	Good	Slightly	Moderately	Moderately

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
183	Extremely	No	
184	Extremely	Yes	Sheer volume of traffic in Destin Harbor
185	Extremely	Yes	Litterbugs
186	Extremely	Yes	Anchored vessels dumping sewage waste
187	Extremely	Yes	Number of people congregated in water @ Crab Island using for urine and BM relief
188	Extremely	No	
189	Extremely	Yes	tourists and boat rentals with no concerns for environment or safety. Eliminate tourists!
190	Moderately	No	
191	Very	No	
192	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
193	Female	Slidell, LA 70461	7	Yes
194	Female	Vandalia, OH 45377	4	Yes
195	Female	32541	we live on the Harbor	Yes
196	Male	Fort Walton Beach, FL 32548	6	Yes
197	Male	53072	10	Yes
198	Male	32541	2	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
193	10	Pontoon Boat;	Yes	
194	8		No	
195	we live on the Harbor	Pontoon Boat;Fishing Boat/Bass Boat;Runabout/Speedboat/Ski Boat;	No	
196	4	Sailboat;"V" Hull Boat;	No	Use the launch ramps in another City
197	12	Pontoon Boat;Rowboat/Kayak/Canoe;	Yes	
198		Pontoon Boat;party boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
193	Good	Fair	Fair	Yes	Harbor - touring
194					
195	Very Poor	Very Poor	Very Poor	No	too crowded to go anywhere
196				Yes	Boathouse Oyster Bar - oysters, beer, and music
197	Very Poor	Good	Good	Yes	Harbor walk - shopping, restaurants, entertainment
198	Fair	Good	Good	Yes	Harbor landing - fish, cleanup

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
193	Cat Island - entertainment	Yes	Harbor	
194				
195		No		
196		Yes	Boathouse	
197	Charter fishing - group boat fishing charters	No		
198	Destin Harbor - restaurants, activities	No		

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
193	No		Yes	Getting out of the Harbor into East Pass - too much traffic
194	No		No	
195	Yes	Crab Island and the Public Beach across from AJ's - dangerous due to overcrowding and inexperienced boaters	Yes	Everywhere, inexperienced boaters - too many boats
196	Yes	Norriego Point area - too crowded with too many idiots	Yes	Norriego Point area - too crowded with too many idiots
197	No		No	
198	No		Yes	Right at the pass of the Harbor - congestion

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
193	Yes	bulkhead on Norriego	Somewhat detracted	Somewhat crowded
194	No			
195	Yes	Poor water quality	Extremely detracted	Extremely crowded
196				Neither added nor detracted
197	Yes	channel dredge and Norriego Point restoration	Neither added nor detracted	
198	Yes	Abandoned boats removed, water charge pump fixed more trash, piling damage by harbor landing	Neither added nor detracted	Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
193	Moderately crowded	Moderately crowded	Same	Better	Same
194					
195	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse
196	Moderately crowded	Extremely crowded	Same	Same	Same
197	Moderately crowded	Moderately crowded	Same	Same	Same
198	Moderately crowded	Moderately crowded	Same	Same	Worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
193	Same	\$4,000	Yes	
194			Yes	
195	Much worse		Yes	
196	Same	\$50	Yes	
197	Same	\$1,225	Yes	
198	Same	\$2,100	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
193	Very	Very	Very	Very
194	Very	Very	Very	Moderately
195	Extremely	Extremely	Extremely	Extremely
196	Moderately	Very	Extremely	Very
197	Very	Very	Very	Very
198	Moderately	Very	Extremely	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
193	Very	Very	Very	Moderately
194	Very	Moderately	Moderately	Very
195	Extremely	Extremely	Extremely	Extremely
196	Extremely	Moderately	Very	Very
197	Extremely	Slightly	Very	Very
198	Extremely	Slightly	Very	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
193	Slightly	Moderately	Moderately	Moderately
194	Slightly	Slightly	Moderately	Slightly
195	Extremely	Extremely	Extremely	Extremely
196	Very	Extremely	Very	Very
197	Moderately	Extremely	Very	Moderately
198	Very	Extremely	Moderately	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
193	Slightly	Excellent	Moderately	Very	Very
194	Extremely	Excellent	Extremely	Extremely	Slightly
195	Extremely	Very poor	Extremely	Extremely	Extremely
196	Very	Fair	Slightly	Very	Very
197	Moderately	Good	Very	Moderately	Slightly
198	Slightly	Good	Moderately	Moderately	Slightly

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
193	Extremely	No	
194	Moderately	No	
195	Extremely	Yes	too many baots and livery vessels
196	Extremely	No	
197	Moderately	No	
198	Extremely	Yes	This is more of concerns - the law giving shoreline households essential (?) by the entire beach is just flat wrong. We paid to develop and maintain it but have no right to use. This is (?) announcing he owns the elephant he is on. This law needs to change to give back parties room on the shore to engage it.

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
199	Male	32548	5	Yes
200	Prefer not to say	32541	25	Yes
201	Female	30517	4	Yes
202	Male	32541	4	Yes
203	Male	St. Louis, MO 63129	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
199	30	Runabout/Speedboat/Ski Boat;	No	Use the launch ramps in another City
200	fulltime	Fishing Boat/Bass Boat;Pontoon Boat;Personal Watercraft (jet ski);	Yes	
201	5		Yes	
202	50	Center console;	No	Use private marina space in the Destin Harbor and surrounding waterways
203	10	"V" Hull Boat;	Yes	

ID	Boat Ramp	Disabled-Accessible	Maneuverability on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
199				Yes	Crab Island - beautiful shallow water, safe for families
200	Fair	Very Poor	Fair	Yes	Restaurants
201				Yes	Entertainment - walk around
202	Fair	Fair	Fair	No	
203	Poor	Poor	Poor	No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
199	Harbor public beach - only place to park a boat in the harbor	Yes	Crab Island	
200		No		
201		No		
202		Yes		
203		No		

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
199	No		No	
200	Yes	Pontoons rentals business locations - customers don't know how to operate; jet ski rentals - customers don't understand boating etiquette, water craft larger do not have brakes for them	Yes	Crab Island - rental pontoons. Visitors do not know how to operate
201	No		No	
202	Yes	Left side of harbor - too many rental pontoons and most people have no idea how to drive	Yes	bridge/Crab Island - too many rentals, no concept of navigation
203	No		No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
199	Yes	Positive - More families at Crab Island Negative - More policing boats circling the island (Sheriff, wildlife, coast guard, marine patrol, etc.)	Added	
200	No		Moderately detracted	Moderately crowded
201	Yes	Way too busy. Destin in general has gotten too busy		
202	Yes	Negative - too many rentals, the channel is clearly marked but no one uses proper navigation. I only go to the harbor to purchase fuel	Extremely detracted	Extremely crowded
203	No			Somewhat crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
199	Not at all crowded	Not at all crowded	Much better	Much better	Much better
200	Extremely crowded	Moderately crowded	Worse	Same	Worse
201					
202	Extremely crowded	Somewhat crowded	Much worse	Much worse	Much worse
203	Moderately crowded	Moderately crowded	Worse	Same	Same

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
199	Much better	\$7,500	No	Would be nice to have more vendors at the island. Recent laws have caused most of them to leave.
200	Worse	full time resident - spend a lot	No	not happy with rental watercrafts
201			Yes	
202	Much worse	\$400	Yes	
203	Worse	\$1,000	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
199	Very	Extremely	Extremely	Extremely
200	Very	Very	Very	Very
201	Very	Extremely	Moderately	Extremely
202	Very	Very	Moderately	Moderately
203	Slightly	Slightly	Very	Not at all

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
199	Extremely	Moderately	Moderately	Very
200	Very	Very	Very	Very
201	Moderately	Extremely	Extremely	Extremely
202	Moderately	Very	Very	Very
203	Very	Moderately	Slightly	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
199	Very	Very	Very	Extremely
200	Very	Extremely	Extremely	Extremely
201	Extremely	Extremely	Extremely	Extremely
202	Extremely	Extremely	Extremely	Extremely
203	Moderately	Very	Very	Moderately

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
199	Extremely	Good	Not at all	Moderately	Moderately
200	Extremely	Very poor	Extremely	Extremely	Extremely
201	Extremely	Fair	Extremely	Extremely	Extremely
202	Extremely	Poor	Extremely	Extremely	Very
203	Slightly	Fair	Very	Slightly	Slightly

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
199	Very	No	
200	Extremely	Yes	Pontoon rentals to visitors not knowing how to operate watercrafts. Rentals should have licensed captains
201	Extremely	No	
202	Extremely	Yes	Crab Island, Norriego Point - thousands of people and no restrooms
203	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
204	Female	35054	6	Yes
205	Male	30269	8	Yes
206	Male	32541	10	Yes
207	Male	32578	2	Yes
208	Female	64492	6	Yes
209	Male	32541	4	Yes
210	Female	36832	12	Yes
211	Male	70507	5	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
204	12	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;	Yes	Use the privately owned launch ramps at the Harbor and surrounding waterways
205	10	Pontoon Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
206	4	Pontoon Boat;	Yes	
207	10	Coastal Power Cruiser;	No	
208	6	Fishing Boat/Bass Boat;Pontoon Boat;	Yes	
209	1437	Fishing Boat/Bass Boat;	Yes	
210	5	car;	No	
211	25	Fishing Boat/Bass Boat;"V" Hull Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
204	Excellent	Good	Excellent	Yes	Destin Harbor - restaurants;
205				Yes	Emerald Grand
206				Yes	Public Beach
207				Yes	Harbor Docks restaurant to eat
208				Yes	Just Reel - to fish
209	Fair	Poor	Fair	Yes	Fishing coop - supplies
210				Yes	restaurants
211	Good		Fair	Yes	AJ's - entertainment

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
204	Norriego Point - Socialize	Yes	Norriego Point	
205		Yes		
206		Yes		
207	Beauchamps for lunch	Yes	Harbor Docks	
208	Boathouse Oyster bar - eat, relax, and entertainment	Yes	both	
209		No		
210		Yes	Harbor Docks	
211	Louisiana Langnniape - dinner	Yes	LA Langnniape	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
204	Yes	Crab Island - dangerous boating; Jetty - too crowded	Yes	Crab Island - ignorant boaters
205	No		No	
206	No		No	
207	Yes	Harbor Entrance - congestion	Yes	Harbor Entrance - congestion
208	No		No	
209	No		Yes	Crab Island - drunk drivers
210	Yes	Crab Island - congestion	No	
211	Yes	Crab Island - crowded with inexperienced boaters	Yes	Crab Island - crowded with inexperienced boaters

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
204	Yes	too much development/crowding	Moderately detracted	Somewhat crowded
205	No		Somewhat detracted	Extremely crowded
206	Yes	Better outflow near sandpiper	Neither added nor detracted	
207	Yes	increased traffic at Harbor entrance with tourist pontoon boats	Added	
208	Yes	The waterway was expanded and new restaurants	Neither added nor detracted	
209	No		Extremely detracted	Extremely crowded
210	No			
211	Yes	too many boats in harbor and beaches	Extremely detracted	Extremely crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
204	Extremely crowded	Moderately crowded	Much worse	Much worse	Much worse
205	Extremely crowded	Moderately crowded	Same	Same	Same
206					
207	Extremely crowded		Much worse	Worse	Worse
208	Moderately crowded	Somewhat crowded	Worse	Same	Same
209	Extremely crowded	Extremely crowded	Worse	Same	Worse
210					
211	Extremely crowded	Moderately crowded	Same	Worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
204	Much worse	\$2,100	Yes	
205	Same	\$3,100	Yes	
206		\$750	Yes	
207	Much worse	\$200	No	Need more restaurant docking
208	Worse	\$4,000	Yes	
209	Same	\$50	Yes	
210				
211	Much worse	\$5080	No	Need additional public landings

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
204	Extremely	Extremely	Extremely	Extremely
205	Very	Very	Moderately	Very
206	Slightly	Moderately	Not at all	Moderately
207	Very	Very	Very	Very
208	Very	Very	Very	Very
209	Not at all	Not at all	Not at all	Not at all
210	Extremely	Moderately	Slightly	Slightly
211	Slightly	Very	Extremely	Moderately

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
204	Extremely	Extremely	Extremely	Extremely
205	Very	Slightly	Moderately	Moderately
206	Extremely	Not at all	Moderately	Very
207	Very	Very	Very	Very
208	Very	Very	Extremely	Extremely
209	Not at all	Not at all	Extremely	Extremely
210	Moderately	Slightly	Slightly	Moderately
211	Very	Slightly	Extremely	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
204	Very	Extremely	Extremely	Extremely
205	Very	Very	Moderately	Moderately
206	Very	Very	Extremely	Moderately
207	Very	Very	Moderately	Moderately
208	Extremely	Extremely	Moderately	Very
209	Very	Extremely	Extremely	Extremely
210	Moderately	Moderately	Moderately	Very
211	Very	Very	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
204	Extremely	Poor	Extremely	Extremely	Extremely
205	Moderately	Good	Moderately	Moderately	Moderately
206	Slightly	Good	Not at all	Moderately	Moderately
207	Moderately	Fair	Very	Very	Very
208	Moderately	Good	Extremely	Extremely	Extremely
209	Extremely	Fair	Not at all	Extremely	Extremely
210	Extremely	Good	Moderately	Moderately	Very
211	Very	Poor	Extremely	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
204	Extremely	Yes	pollution and too much development - Destin WAS a beautiful place
205	Very	No	
206	Moderately	No	
207	Extremely	Yes	The number of pontoon boats driven by inexperienced drivers
208	Extremely	Yes	Amount of trash coming off excursion boats and in common areas
209	Extremely	No	
210	Extremely	No	
211	Very	No	

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
212	Male	32541	2	Yes
213	Male	47541	146	Yes
214	Male	32541	10	Yes
215	Male	32541	8	Yes
216	Male	32580	4	Yes
217	Male	32541	6	Yes
218	Female	32578	10	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
212	200	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;Flat Bottom Boat/Jonboat;High Performance Boat (cigarette boat);	Yes	
213	58	Runabout/Speedboat/Ski Boat;"V" Hull Boat;	Yes	
214	30	Fishing Boat/Bass Boat;	No	Use the privately owned launch ramps at the Harbor and surrounding waterways
215	100's	Fishing Boat/Bass Boat;Pontoon Boat;"V" Hull Boat;	Yes	
216	16		No	Use the launch ramps in another City
217	10	Pontoon Boat;	Yes	
218	5	Pontoon Boat;	No	Use the launch ramps in another City

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
212	Excellent	Excellent	Excellent	Yes	Entire Harbor - work and walking
213	Fair	Fair	Fair	Yes	Restaurants
214				Yes	Galati's - service, courtesy, parking
215	Very Poor	Very Poor	Very Poor	Yes	The Pass - to go fishing
216	Fair	Fair	Fair	No	
217				Yes	Harborwalk - activities
218				No	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
212				
213		No		
214	Harbor Docks restaurant - eat	Yes	both	
215	Restaurants	Yes	Pass	
216		No		
217	Boschamps - food	Yes	Harborwalk	
218				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)2
212	No		No	
213	Yes	Entrance to Harbor is too narrow	Yes	Entrance to Harbor is too narrow
214	No		Yes	channel entrance to Harbor - traffic, rental pontoon boats, PWCs
215	Yes	Crab Island	No	
216	No		No	
217	No		No	
218	Yes			

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
212	Yes	More police to help people who can't obey boating laws	Neither added nor detracted	Moderately crowded
213			Neither added nor detracted	Somewhat crowded
214	Yes	Negative - Large increase in the number of rental pontoons and PWCs with unqualified operators.	Moderately detracted	Moderately crowded
215	Yes	Far too many boat rentals to inexperienced boaters	Moderately detracted	
216	No		Neither added nor detracted	Moderately crowded
217	Yes	Positive - increased patrol	Neither added nor detracted	
218			Extremely detracted	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
212	Extremely crowded	Extremely crowded	Same	Same	Worse
213	Extremely crowded	Not at all crowded	Much worse	Same	Same
214	Moderately crowded	Moderately crowded	Worse	Same	Same
215	Moderately crowded	Moderately crowded	Worse	Worse	Worse
216	Moderately crowded	Somewhat crowded	Same	Same	Same
217	Somewhat crowded	Somewhat crowded	Same	Same	Same
218	Moderately crowded	Moderately crowded	Worse	Worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
212	Same		Yes	
213	Much worse	\$2700	Yes	
214	Worse		Yes	
215	Worse	\$500	No	Need a well designed boat ramp
216	Same	\$500	Yes	
217	Same	\$300	Yes	
218	Worse			

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
212	Extremely	Extremely	Extremely	Extremely
213	Moderately	Moderately	Not at all	Not at all
214	Very	Very	Moderately	Moderately
215	Slightly	Moderately	Very	Moderately
216	Very	Extremely	Moderately	Moderately
217	Moderately	Moderately	Not at all	Moderately
218				

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
212	Extremely	Extremely	Extremely	Extremely
213	Very	Slightly	Moderately	Very
214	Moderately	Very	Very	Extremely
215	Extremely	Moderately	Moderately	Moderately
216	Very	Very	Very	Very
217	Very	Moderately	Moderately	Moderately
218			Extremely	Very

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
212	Extremely	Extremely	Extremely	Extremely
213	Slightly	Very	Very	Slightly
214	Very	Extremely	Extremely	Very
215	Very	Very	Very	Moderately
216	Very	Extremely	Very	Moderately
217	Very	Very	Slightly	Slightly
218	Very	Extremely	Extremely	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
212	Extremely	Good	Moderately	Slightly	Moderately
213	Moderately	Fair	Slightly	Moderately	Slightly
214	Moderately	Poor	Slightly	Very	Moderately
215	Moderately	Excellent	Very	Very	Moderately
216	Moderately	Fair	Moderately	Moderately	Moderately
217	Slightly	Fair	Not at all	Slightly	Slightly
218	Extremely	Poor	Extremely	Extremely	Extremely

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
212	Very	Yes	refueling boats
213	Moderately	No	
214	Very	Yes	Trash in water, poor sanitation practices, no real pump out facilities
215	Very	No	
216	Extremely	No	
217	Slightly	Yes	
218	Extremely	Yes	dumping trash overboard

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
219	Male	32579	14	Yes
220	Male	32569	2	Yes
221	Male	31220	5	Yes
222	Male	35244	3	Yes
223	Male	32541	12	Yes
224	Male	32540	120	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
219	30	Fishing Boat/Bass Boat;"V" Hull Boat;Rowboat/Kayak/Canoes;	Yes	
220	5	Pontoon Boat;	Yes	
221	30	sold boats 10 years ago ;	Yes	
222	50	Trawler;	No	Use the launch ramps in another City
223	40	Runabout/Speedboat/Ski Boat;Fishing Boat/Bass Boat;Pontoon Boat;	Yes	
224	300 - charter boat operator	Fishing Boat/Bass Boat;	No	Use private marina space in the Destin Harbor and surrounding waterways

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
219	Good	Poor	Good	Yes	Harbor - Parcel B Beach
220				No	
221				Yes	Harbor Docks - food
222	Good		Good	No	I can pull up on the sandy beach. This is the only non-commercial place I can go
223				No	
224	Good	Good	Fair	Yes	Ships Chandler dock - that's where our 6 pac charter boat docks

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
219	restaurants - personal recreation			Destin Harbor, East Pass, Crab Island
220		No		
221	Boschamps - food	No		
222		Yes		
223				
224	Destin fishing fleet dock - fuel, ice, supplies	Yes	both, daily	

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts?	Where? Please add location and reason (be as specific as possible)
219	No		No	
220	Yes	Crab Island	Yes	Crab Island
221	No		No	
222	Yes		Yes	too many rental pontoons and jet skis. Can't tie up at a restaurant to eat on the Harbor. This was a favorite years ago.
223	No		No	
224	Yes	Norriego Point - too many rookie boat handlers	Yes	Harbor entrance = poor and inexperienced pontoon rentals

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
219	Yes	City of Destin, Okaloosa sheriff, FFWL and Coast Guard presence	Neither added nor detracted	Somewhat crowded
220	No		Somewhat detracted	Moderately crowded
221	No			Moderately crowded
222	Yes	Positive - improvements at the mouth of the Harbor Negative - Excessive pontoon and jet skis in the Pass. Jet skis jump the wake of the boat in front of mine in the Harbor Pass. Rental boat operators don't know the rules of the road. Marine police and CG seem to do nothing	Extremely detracted	
223	Yes	Positive - police/CG presence Negative - too many pontoon rentals and lack of experience		
224	Yes	Positive - good channel markers Negative - too many pontoon rentals	Moderately detracted	

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
219	Moderately crowded	Somewhat crowded	Same	Same	Better
220	Somewhat crowded	Somewhat crowded	Same	Same	Worse
221	Moderately crowded	Moderately crowded			
222	Extremely crowded	Extremely crowded	Much worse	Much worse	Much worse
223	Somewhat crowded		Worse	Better	Better
224	Extremely crowded	Not at all crowded	Much worse	Much worse	Much worse

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
219	Better	\$3000	Yes	
220	Same	\$1,000	Yes	
221		\$1800	Yes	
222	Much worse	\$1000	No	Services are oriented towards vacation renters. Not much for person that owns house, boat, and comes often
223	Worse		Yes	
224	Much worse	\$1500	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
219	Moderately	Very	Moderately	Moderately
220	Moderately	Very	Very	Very
221	Very	Very	Very	Very
222	Extremely	Extremely	Extremely	Extremely
223	Moderately	Extremely	Very	Extremely
224	Very	Extremely	Extremely	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
219	Very	Very	Moderately	Moderately
220	Very	Not at all	Very	Very
221	Very	Very	Very	Slightly
222	Extremely	Extremely	Extremely	Extremely
223	Extremely	Very	Extremely	Extremely
224	Very	Moderately	Very	Extremely

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
219	Moderately	Moderately	Very	Moderately
220	Moderately	Very	Very	Slightly
221	Slightly	Slightly	Slightly	Slightly
222	Very	Very	Very	Very
223	Extremely	Extremely	Extremely	Extremely
224	Very	Very	Extremely	Extremely

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
219	Moderately	Fair	Slightly	Moderately	Moderately
220	Not at all	Good	Moderately	Very	Slightly
221	Slightly	Excellent	Slightly	Slightly	Slightly
222	Very	Poor	Very	Very	Very
223	Extremely	Good	Very	Extremely	Extremely
224	Extremely	Fair	Moderately	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
219	Extremely	Yes	Pontoon and jet ski rentals - extremely dangerous and it appears almost no boat safety is in place by the rental vessel operators. This must be addressed.
220	Very	No	
221	Moderately	No	
222	Very	Yes	Too many people in a small area. Water quality has deteriorated during my past 25 year in the area.
223	Extremely	No	
224	Extremely	Yes	People litter on beaches and in water; boats in shallow water destroying sea grass

ID	What is your gender?	What is the City, State and Zip Code of your permanent residence?	How many people were in your personal group, including you, who visited Destin Harbor this past summer (2022)?	Have you visited the Destin Harbor and/or surrounding waterways before this past summer?
225	Male	37215	2	Yes
226	Male	39540	6	Yes
227	Male	32541	2	Yes
228	Male	70808	20	Yes
229	Male	37607	4	Yes

ID	If yes, approximately how many times have you visited in the last 3 years?	What type of boat(s) did you use during your last visit? (check all that apply)	Would you consider using a public boat ramp to access the Destin Harbor and surrounding waterways?	If you answered no, would you:
225	32		Yes	
226	10	Personal Watercraft (jet ski);	Yes	
227	13	Runabout/Speedboat/Ski Boat;Pontoon Boat;		Use the privately owned launch ramps at the Harbor and surrounding waterways
228	50	Fishing Boat/Bass Boat;Pontoon Boat;Personal Watercraft (jet ski);	Yes	
229	6	Runabout/Speedboat/Ski Boat;	Yes	

ID	Boat Ramp	Disabled- Accessible	Maneuvera bility on Site	Are there any favorite locations you go to in this Harbor?	Please list your favorite location and reason (be as specific as possible)
225				No	
226	Good			No	
227				Yes	Public beach - location
228		Poor	Good	Yes	Legacy Boat Club - belong to this club
229	Good	Good	Good	Yes	

ID	Please list your second favorite location and reason (be as specific as possible)	Were either of these locations your primary destination?	If yes, which one?	If no, what was your primary destination?
225				
226		No		
227	Norriego Point - residence	Yes	Norriego Point	
228	Public beach across from AJs - beach boat there to hangout	Yes	Legacy boat club	
229				

ID	Are there any locations in the Destin Harbor or surrounding waterways that you deliberately avoid because of other boats/watercrafts? Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts? Where? Please add location and reason (be as specific as possible)	Are there any locations in the Destin Harbor or surrounding waterways where you feel unsafe because of other boats/watercrafts? Where? Please add location and reason (be as specific as possible)
225	No	No	
226	No	No	
227	No	Yes	Pass - irresponsible tourists
228	No	Yes	Harbor entrance - so narrow and there are many pontoon drivers that don't know safety protocol there
229	No	No	

ID	Have you noticed any positive or negative changes on the Destin Harbor or surrounding waterways in the last 3 years?	If yes, can you describe those changes?	How did the number of other boaters affect your enjoyment of the Harbor this past summer?	At the boat ramp
225	No		Neither added nor detracted	Somewhat crowded
226	No		Neither added nor detracted	Somewhat crowded
227	No		Extremely detracted	Extremely crowded
228	Yes	Positive - improved public beach area Negative - trash on beach	Neither added nor detracted	
229	No		Added	Moderately crowded

ID	On the water	At my primary destination	Leaving the Harbor	Boating Experience	Boating Safety
225	Not at all crowded	Not at all crowded	Same	Same	Same
226	Moderately crowded	Moderately crowded	Same	Same	Same
227	Moderately crowded	Moderately crowded	Worse	Same	Much worse
228	Moderately crowded	Not at all crowded	Same	Better	Same
229	Somewhat crowded	Somewhat crowded	Better	Better	Better

ID	Returning to the Harbor	Please indicate (estimate) how much you spent in each of the following categories on yourself or other persons in your party. If you're unable to give an exact	Are you satisfied with the mix of uses and services?	If no, why?
225	Same			\$1550
226	Same	\$1300	Yes	
227	Worse	\$6000	Yes	
228	Same	\$2100	Yes	
229	Better	\$5400	Yes	

ID	Actions help support the local community	Actions will protect natural resources	Science plays a role in management decisions	The decision is based on environmental consequences
225	Extremely	Extremely	Extremely	Extremely
226	Very	Very	Very	Moderately
227	Moderately	Very	Very	Extremely
228	Moderately	Very	Very	Very
229	Very	Very	Very	Very

ID	The decision maintains access for recreation	The decision protects natural resources over human use	How important is it to consider costs and benefits when addressing environmental impacts on fish, wildlife, and habitat?	How important is it to consider the costs and benefits when addressing environmental impacts related to water quality?
225	Extremely	Extremely	Extremely	Extremely
226	Moderately	Very	Moderately	Moderately
227	Moderately	Extremely	Moderately	Moderately
228	Extremely	Very	Very	Very
229	Very	Very	Moderately	Moderately

ID	Nesting shorebirds and their habitats	Nesting sea turtles and their habitats	Dune vegetation	Undeveloped natural condition
225	Extremely	Extremely	Extremely	Extremely
226	Moderately	Moderately	Moderately	Moderately
227	Extremely	Extremely	Extremely	Extremely
228	Moderately	Very	Very	Moderately
229	Very	Very	Very	Very

ID	Natural viewscape without development	What is your perception of water quality in teh Destin Harbor and surrounding waterways?	Beach erosion	Water pollution	Feeding or distributing wildlife
225	Extremely	Good	Slightly	Moderately	Moderately
226	Moderately	Good	Moderately	Moderately	Moderately
227	Extremely	Fair	Very	Extremely	Very
228	Very	Good	Very	Moderately	Moderately
229	Very	Good	Moderately	Very	Very

ID	Littering	During your visit to the Destin Harbor and surrounding waterways, were there any recreation activities that you observed or participated in that you	If yes, what were they are what is their potential effect?
225	Moderately	No	
226	Very	No	
227	Extremely	No	
228	Extremely	No	
229	Very	No	