Comments on Fish Consumption Study

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Principal Concerns

- Most important data is missing and therefore unable to confirm the calculations
- Report discussion of survey locations does not match data file
- Multiple data sets used and not labeled leading to inconsistency and possible misinterpretation

Most Important Data Missing

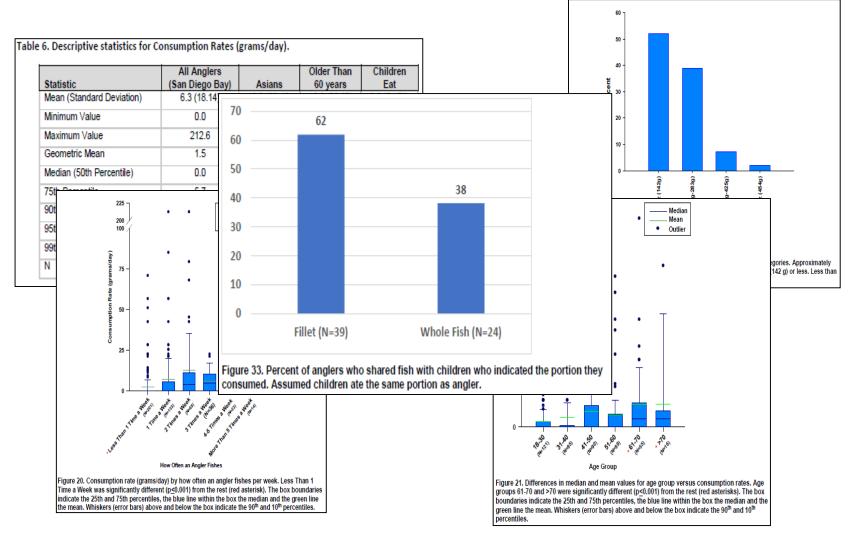
Description of Metadata

Column	Header	Description
I	CompleteSurvey	Would you be willing to complete a survey right now?
J	HowOftenFishHere	On average how many times a week do you come here to fish?
К	FishTimeOfYear	Which Time of year are you most likely to be fishing here?
Separate File	FishCaughtThisWee k	What are the types of fish that you have caught this week in San Diego Bay?
Missing	SizePortionYouEat	Of the fish you catch and eat, from San Diego Bay, what size portion do you typically eat?
L	HowDoYouPrepare	How do you typically prepare this fish?
Missing	Portion Fish Portion Fish	Portion of fish that is eaten - Filet or Whole Fish
M - P	CommonLanguage	What is the most common language spoken in your home?
Separate File	CommonFishCatch	Which are common types of fish that you catch when you are fising in San Diego Bay?
Q	WhoElseEats	Who else eats the fish that you catch?
R	HowManyChildrenE at	How many children eat the fish that you catch?
S	HowManyMealsWe ek	How many meals a week do you/yourfamily eat fish that you caught from here?

Actual Row Headers

	- 1	J	K	L	М	N	0	P	Q	R	S
	Complete	HowOften	FishTime	HowDoYo	CommonL	nguageCod		clanguage	WhoElseE	HowManyC	MealsWee
1	Survey	FishHere	OfYear	uPrepare	anguage	e	clanguage	broad	ats	hildrenEat	k

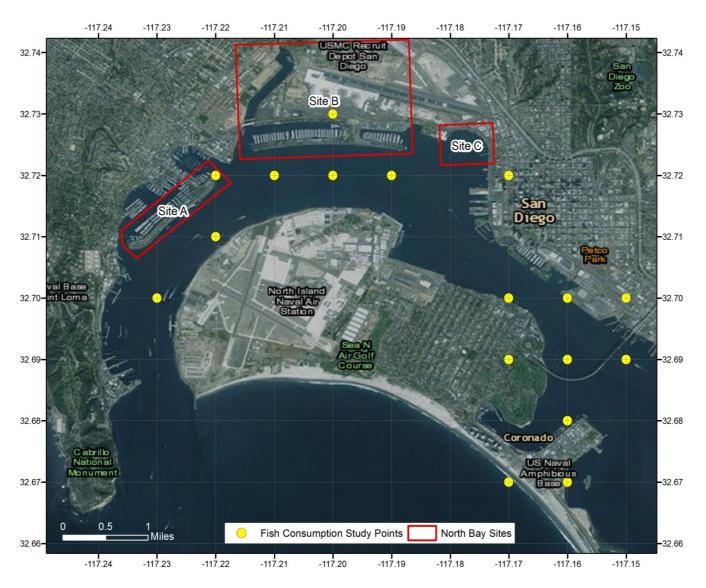
Consumption Rates Impossible to Verify



Location Issues

		HowManyN			Coordinat		
surveyid TypeofAngler	EatFish	ealsWeek	status	bayregion	eStatus	latitude	longitude location
292 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
290 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
291 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
426 Shoreline Angler	Yes	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
827 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
830 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
938 Shoreline Angler	No	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
		1 meal a					
939 Shoreline Angler	Yes	week	complete	North	good	32.72	-117.19 Harbor Island
940 Shoreline Angler	Yes	Zero meals	complete	North	estimated	32.72	-117.19 Harbor Island
1360 Shoreline Angler	Yes	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
1655 Shoreline Angler	Yes	Zero meals	complete	North	good	32.72	-117.19 Harbor Island
		1 meal a					
828 Shoreline Angler	Yes	week	complete	North	good	32.72	-117.19 Harbor Island
			mail				
293 Shoreline Angler		Zero meals	survey	North	good	32.72	-117.19 Harbor Island
829 Shoreline Angler	No		refused	North	good	32.72	-117.19 Harbor Island
288 Shoreline Angler		Zero meals		North	estimated	32.72	-117.17 Harbor Drive
289 Shoreline Angler	Yes	Zero meals	complete	North	good	32.72	-117.17 Harbor Drive
			surveyed				
1530 Pier Angler			before	North	estimated	32.69	-117.17 Mid Bay Site B - Coronado Tidelands Park
385 Shoreline Angler	Yes	Zero meals	•		estimated	32.64	-117.11 South Bay Site A - Pepper Park
602 Boat Angler	No	Zero meals	complete	North	estimated	32.64	-117.11 South Bay Site A - Pepper Park
1703 Pier Angler	No	Zero meals	complete	North	estimated	32.64	-117.11 South Bay Site A - Pepper Park

Survey Locations



Inconsistent Datasets

- The study identifies a few relevant numbers:
 - 1549: Number of anglers approached
 - 1086: Number of surveys completed
 - 44: Number of repeat surveys
 - 1042: Number of surveys completed, minus repeats (to avoid avidity bias)
 - 477: Number of anglers who eat fish

Inconsistent Datasets

Table/Figure	N	Issues
Figures 12-13, 15 – All Anglers	1,044	If meant to capture non-repeat responses, N=1,042
Figure 16 – All Anglers	1,017	11 respondents refused to give age, so N=1,031
Figure 19, 25, 26 – Consuming Anglers (?)		No sample size listed – 1,086, 1042, 477?
Table 7 – Mode of Transportation	472	Why not 1,042?
Figure 27 – Percent of fish reported as caught by anglers	1,111	Only 1,086 completed surveys

Recommendation: always define N, and try to use a consistent N