## Attachment 8g1

## Outline of Changes to Biomonitoring Interview Questionnaire, Subsistence Anglers

Compared to (OMB Control No: 0923-0044)

**IC Title NY Questionnaire** 

Attachment 6g

August 7, 2014

## Changes due to different study area – i.e., Syracuse, NY and Onondaga Lake and its tributaries

13. F	low long have you lived in Syracuse?
_	Entire life
(	If less than 1 year, enter 0 years and number of months. If full years reported, enter
r	number of years and 0 months.)
_	years months
32. F	Have you eaten fish from any of these bodies of water in New York State?
S	SHOW CARD AND MAPS. (Check all that apply.) (THIS LISTING MAY BE REVISED)
_	Lake Ontario
_	Oswego River
_	Seneca River (downstream of Lock 24 at Baldwinsville)
_	Onondaga Lake and surrounding creeks including Sawmill Creek, Onondaga Creek
١	Ninemile Creek, Ley Creek and Bloody Brook
_	Don't Know
_	Refused

Fish species and format change:

p. 9 TYPES OF FISH: →→		White	Bluegill	Brown	Carp	Gizzard	Golden	Largemouth	Pumpkin-	Small	Walley	Yellow	Black
(VERY COMMON TYPES)	Alewife	sucker		bullhead	·	shad	shiner	bass	seed	mouth	e	perch	crappie
								< 15" >+ 15"		bass			
33. From these bodies of wa	ater which	h kinds of fis	sh have you	eaten in the	last 12 i	months (ve:	ar\?			<15" >+ 15"			
1 <sup>st</sup> ask/ <b>check</b> types of fish	ater, writer	1 KIIIGS OI IIS	in nave you	Catch in the	last 12 i	IIOIILII3 (YC	<u> </u>						
eaten, then go down													
columns for checked types													
34. How many times per													
year?													
35. What parts of this fish (	say fish typ	oe) did you	usually eat?										
Fillet													
Skin													
Cheek													
Liver													
Eggs/roe													
Other (specify)													
Don't Know													
Refused to answer													
36. How was (say fish type)	usually cle	eaned?									'		
Filleted													
Gutted													
Trimmed fat													
Trimmed belly meat													
Removed cheeks													
Punctured/removed skin													
Did not clean													
Don't know													
Refused to answer													
37. How was (say fish type)	usually co	oked?											
Pan fried													
Deep fried													
Boiled/poached													
Stew/chowder													
Grilled													
Baked/broiled													
Eaten raw													
Smoked													
Dried													
Pickled													
Don't know													
Refused to answer													

p.10. TYPES OF FISH: →→ (COMMON TYPES)	Rock bass	Blunt- nose minnow	Bow -fin	Channel catfish	Yellow Bullhead	Brown trout	Emerald shiner	Fathead minnow	Fresh- water drum	Long- Nose gar	Shorthead Redhorse	Norther n pike	Chinook Salmon	Coho Salmon	Atlantic Salmon
From these bodies of water	, which ki		have y	ou eaten ir	the last 1	2 months (	year)? (33b)		urum	gai					
1 <sup>ST</sup> ask/ <b>check</b> types of fish			,												
eaten, then go down															
columns for checked types															
How many times per year?															
(34b)															
What parts of this fish (say f	ish type)	did you us	ually e	at? (35b)											
Fillet															
Skin															
Cheek															
Liver															
Eggs/roe															
Other (specify)															
Don't Know															
Refused to answer															
How was (say fish type) usu	ally clean	ed? (36b)	<u>'</u>										'		
Filleted															
Gutted															
Trimmed fat															
Trimmed belly meat															
Removed cheeks															
Punctured/removed skin															
Did not clean															
Don't know															
Refused to answer															
How was (say fish type) usu	ally cooke	d? (37b)	<b>'</b>									•	'		
Pan fried															
Deep fried															
Boiled/poached															
Stew/chowder															
Grilled															
Baked/broiled															
Eaten raw															
Smoked															
Dried															
Pickled															
Don't know															
Refused to answer															

P11. TYPES OF FISH: →→	Black	Chain	Gold	Greater	Green	Spotfin	Lake	Longnose	Northern	Quill-	Rainbow	Round	Rudd
(UNCOMMON TYPES)	bullhead	pickerel	fish	redhorse	sunfish	shiner	sturgeon	dace	hogsucker	back	trout	goby	Rada
From these bodies of water, v									gov.e.c.	2000	J. 5 J. 5	1 8007	
1 <sup>ST</sup> ask/ <b>check</b> types of fish			,				,						
eaten, then go down													
columns for checked types													
How many times per year?													
(34c)													
What parts of this fish (say fis	sh type) did y	ou usually	eat? (35	ic)									
Fillet													
Skin													
Cheek													
Liver													
Eggs/roe													
Other (specify)													
Don't Know													
Refused to answer													
How was (say fish type) usual	ly cleaned?	(36c)											
Filleted													
Gutted													
Trimmed fat													
Trimmed belly meat													
Removed cheeks													
Punctured/removed skin													
Did not clean													
Don't know													
Refused to answer													
How was (say fish type) usual	ly cooked? (	37c)											
Pan fried													
Deep fried													
Boiled/poached													
Stew/chowder													
Grilled													
Baked/broiled													
Eaten raw													
Smoked													
Dried													
Pickled													
Don't know													
Refused to answer													
		•		•						•		,	

p. 12. TYPES OF FISH: $\rightarrow \rightarrow$	Tiger	Rainbow	Lake	White	Silver	American	White	Other	Other	Other	Other	Other
(UNCOMMON TYPES)	muskie	Smelt	Trout	bass	Redhorse	eel	Perch	(specify)	(specify)	(specify)	(specify)	(specify)

From these bodies of water, which	n kinds of fis	sh have vou	eaten in	the last 1	2 months (vea	r)? (33d)			
1 <sup>ST</sup> ask/ <b>check</b> types of fish eaten,									
then go down columns for									
checked types									
How many times per year? (34d)									
What parts of this fish (say fish typ	oe) did you u	usually eat?	(35d)						
Fillet									
Skin									
Cheek									
Liver									
Eggs/roe									
Other (specify)									
Don't Know									
Refused to answer									
How was (say fish type) usually cle	eaned? (36d	)							
Filleted									
Gutted									
Trimmed fat									
Trimmed belly meat									
Removed cheeks									
Punctured/removed skin									
Did not clean									
Don't know									
Refused to answer									
How was (say fish type) usually co	oked? (37d)						 		
Pan fried									
Deep fried									
Boiled/poached									
Stew/chowder									
Grilled									
Baked/broiled									
Eaten raw									
Smoked									
Dried									
Pickled									
Don't know									
Refused to answer									

40. In the past 12 months, have you eaten waterfowl (such as ducks or geese) or bear that were hunted near any of the following bodies of water in New York State?  SHOW CARD AND MAPS.  (Check all that apply.)
Lake Ontario Oswego River Seneca River (downstream of Lock 24 at Baldwinsville) Onondaga Lake and surrounding creeks including Sawmill Creek, Onondaga Creek, Ninemile Creek, Ley Creek and Bloody Brook
Don't Know Refused
42. In the past 12 months, have you eaten fish from any of these other bodies of water in New York State? SHOW CARD.  Finger Lake Region lakes, ponds, or rivers \[ \textit{Specify:} \] Skaneateles Creek  Erie Canal Canadice Lake (Ontario County) Other bodies of water in the sportfish advisories \[ \textit{Specify:} \]
Don't know Refused
Changes (in red) to improve interview structure, flow based on lessons learned from earlier interviews. Specifically, the question now asks in the past 12 months instead of in the past years. In the FY 12-13 survey, responders had difficulty answering "in the past five years."
Current proposed questionnaire items:
Script: The following questions are about fish bought at a store or supermarket. Please do not include fish from restaurants.
43. Which of these fish that was bought at a store or supermarket have you eaten in the past 12 months? SHOW CARD. (fill in answers by checking type of fish in table below)

	Grouper	Shark	Swordfish	Salmon	Tuna	Tuna (not
Check the answer				(including	(canned)	canned)
given				canned)		
Ate in last 12 months						

(43)			
None			
Don't know			
Refused			
44. <u>If eaten, how</u>			
many times in last			
12 months?			
None			
Don't know			
Refused			

Former OMB approved questionnaire items:

	ish that was bought at a store or supermarket have you eaten <u>at least</u> · life?SHOW CARD.
(Check the species	s eaten at least 5 times.)
Grouper	Salmon (including canned)
Shark	Tuna (canned)
Swordfish	Tuna (not canned)
If ate at least one	type of fish $\square$ go to #50
None	
Don't know	}
Refused	J
46. How many years	did you eat [fish species] bought at a store or supermarket?
years	
Don't know	
Refused	

Two lower income categories added (in red) to better categorize the target population of urban subsistence anglers

56.	Can you tell me your total family income in {LAST CALENDAR YEAR} before taxes?
	SHOW CARD.
	(Check one only.)
	Less than \$15,000
	\$15,000 to less than \$25,000
	\$25,000 to less than \$35,000
	\$35,000 to less than \$50,000
	\$50,000 to less than \$75,000
	\$75,000 to less than \$100,000
	\$100,000 or more
	Don't know
	Refused