

RE: Thank you for the Information for the Hg risk assessment SAB meetingyesterday
Michaud.Dave
to:
Angela Nugent
07/21/2011 09:09 AM
Show Details

Thank you. By the way, concerning my statement regarding MEHg levels in small freshwater fish species, this was acknowledged by EPA back in 2004, as summarized by this graphic.

-----Original Message-----

From: Angela Nugent [mailto:Nugent.Angela@epamail.epa.gov]
Sent: Thursday, July 21, 2011 8:04 AM
To: Michaud.Dave
Subject: Thank you for the Information for the Hg risk assessment SAB meetingyesterday

David,

I submitted the information your provided for posting to the SAB website and have sent it to panel members.

Best,
Angela

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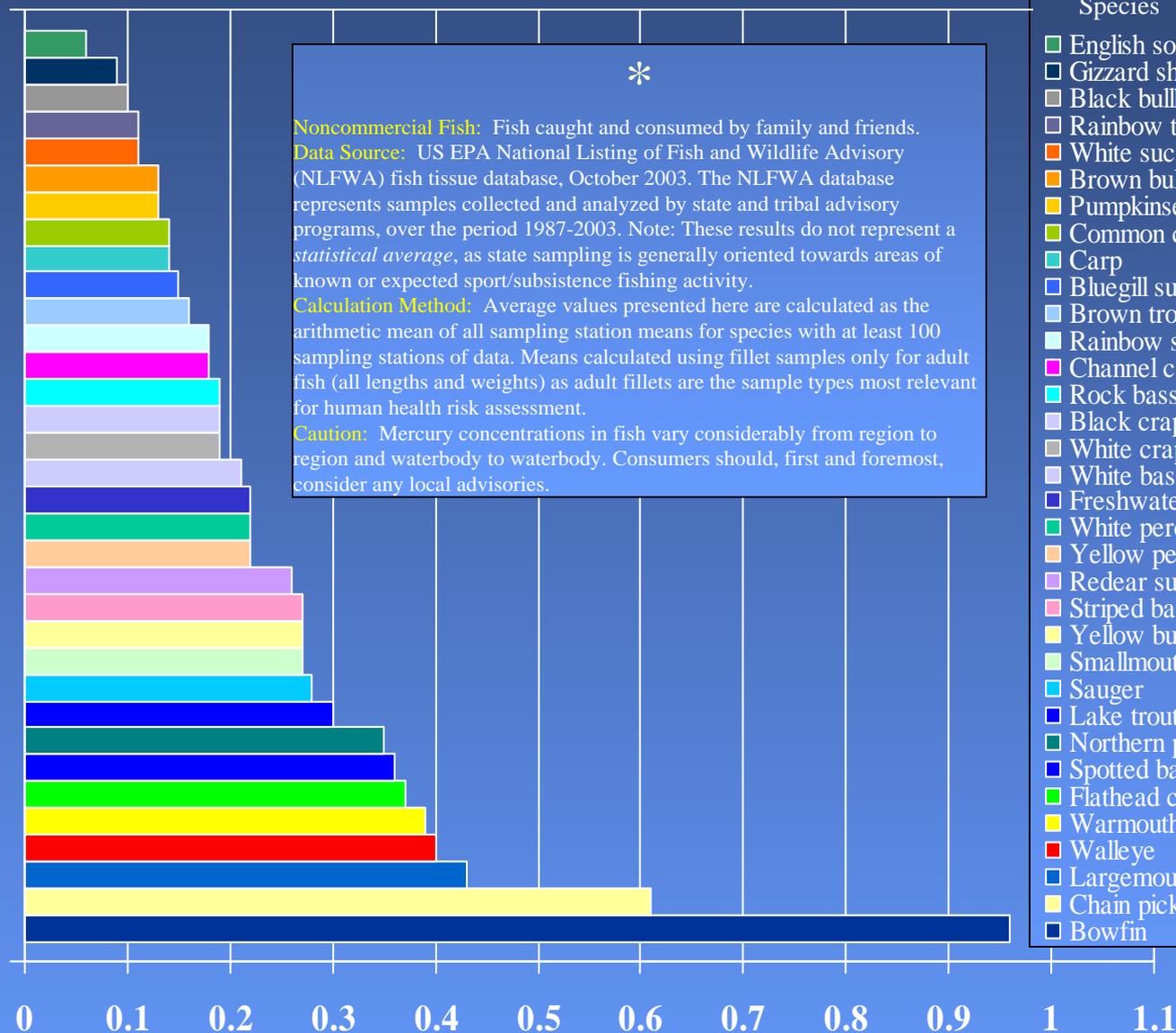
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Average Tissue Mercury Concentrations in Noncommercial Fish*

Species



*

Noncommercial Fish: Fish caught and consumed by family and friends.
Data Source: US EPA National Listing of Fish and Wildlife Advisory (NLFWA) fish tissue database, October 2003. The NLFWA database represents samples collected and analyzed by state and tribal advisory programs, over the period 1987-2003. Note: These results do not represent a statistical average, as state sampling is generally oriented towards areas of known or expected sport/subsistence fishing activity.
Calculation Method: Average values presented here are calculated as the arithmetic mean of all sampling station means for species with at least 100 sampling stations of data. Means calculated using fillet samples only for adult fish (all lengths and weights) as adult fillets are the sample types most relevant for human health risk assessment.
Caution: Mercury concentrations in fish vary considerably from region to region and waterbody to waterbody. Consumers should, first and foremost, consider any local advisories.

Species	No. Sampling Stations	Average Conc. (ppm)
English sole	241	0.06
Gizzard shad	151	0.09
Black bullhead	130	0.10
Rainbow trout	119	0.11
White sucker	714	0.11
Brown bullhead	214	0.13
Pumpkinseed sunfish	107	0.13
Common carp	737	0.14
Carp	426	0.14
Bluegill sunfish	1,062	0.15
Brown trout	131	0.16
Rainbow smelt	116	0.18
Channel catfish	1,213	0.18
Rock bass	376	0.19
Black crappie	652	0.19
White crappie	352	0.19
White bass	212	0.21
Freshwater drum	226	0.22
White perch	133	0.22
Yellow perch	604	0.22
Redear sunfish	215	0.26
Striped bass	146	0.27
Yellow bullhead	185	0.27
Smallmouth bass	738	0.27
Sauger	109	0.28
Lake trout	160	0.30
Northern pike	1,322	0.35
Spotted bass	163	0.36
Flathead catfish	158	0.37
Warmouth sunfish	147	0.39
Walleye	1,520	0.40
Largemouth bass	2,425	0.43
Chain pickerel	250	0.61
Bowfin	358	0.96

Mercury Concentration (ppm)