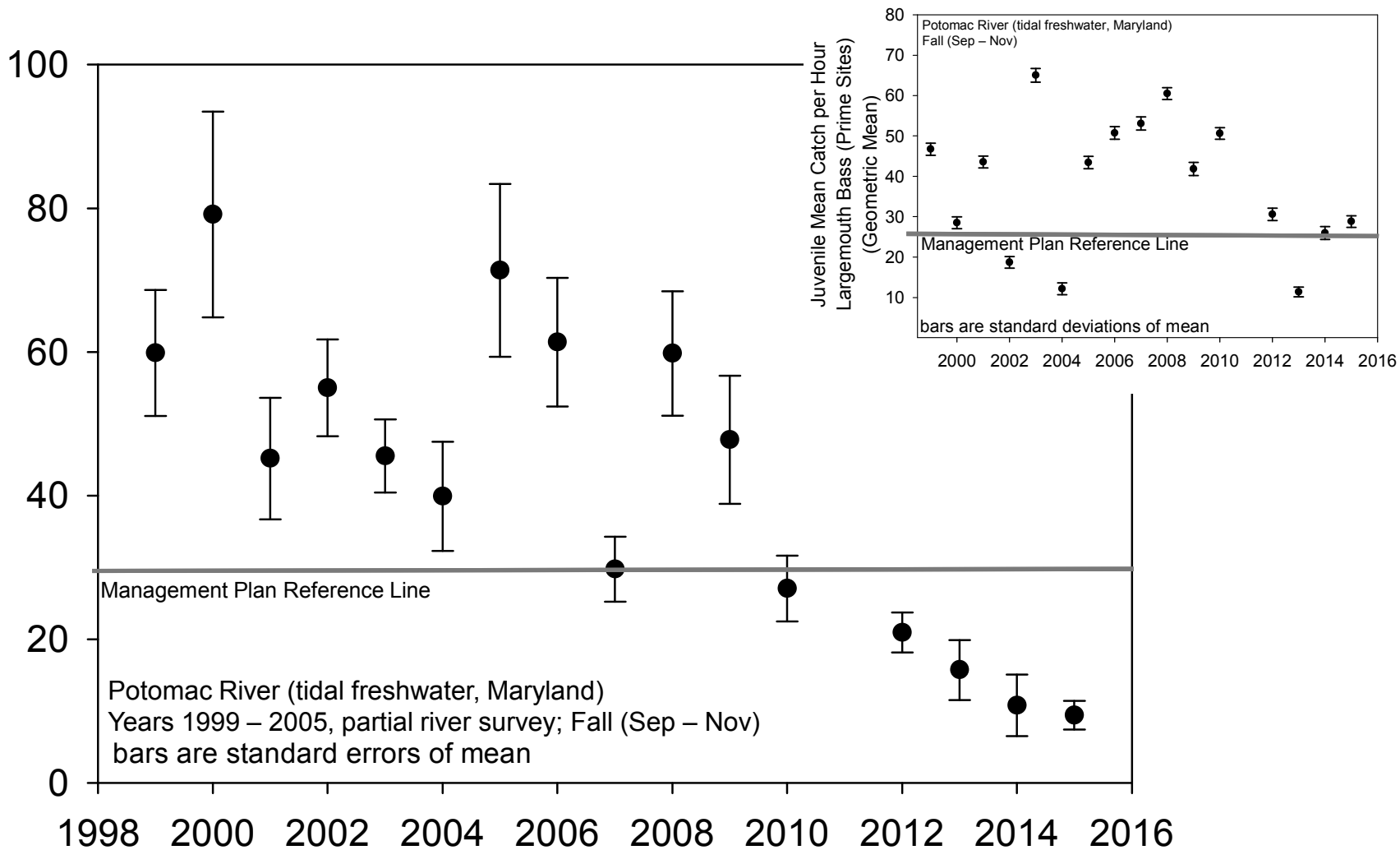


Status of Fisheries

Potomac River



Average Catch per Hour
(Age 1+ Largemouth Bass, Prime Sites)



Status of Fisheries

Upper Chesapeake Bay



Average Catch per Hour
(Age 1+ Largemouth Bass, Prime Sites)

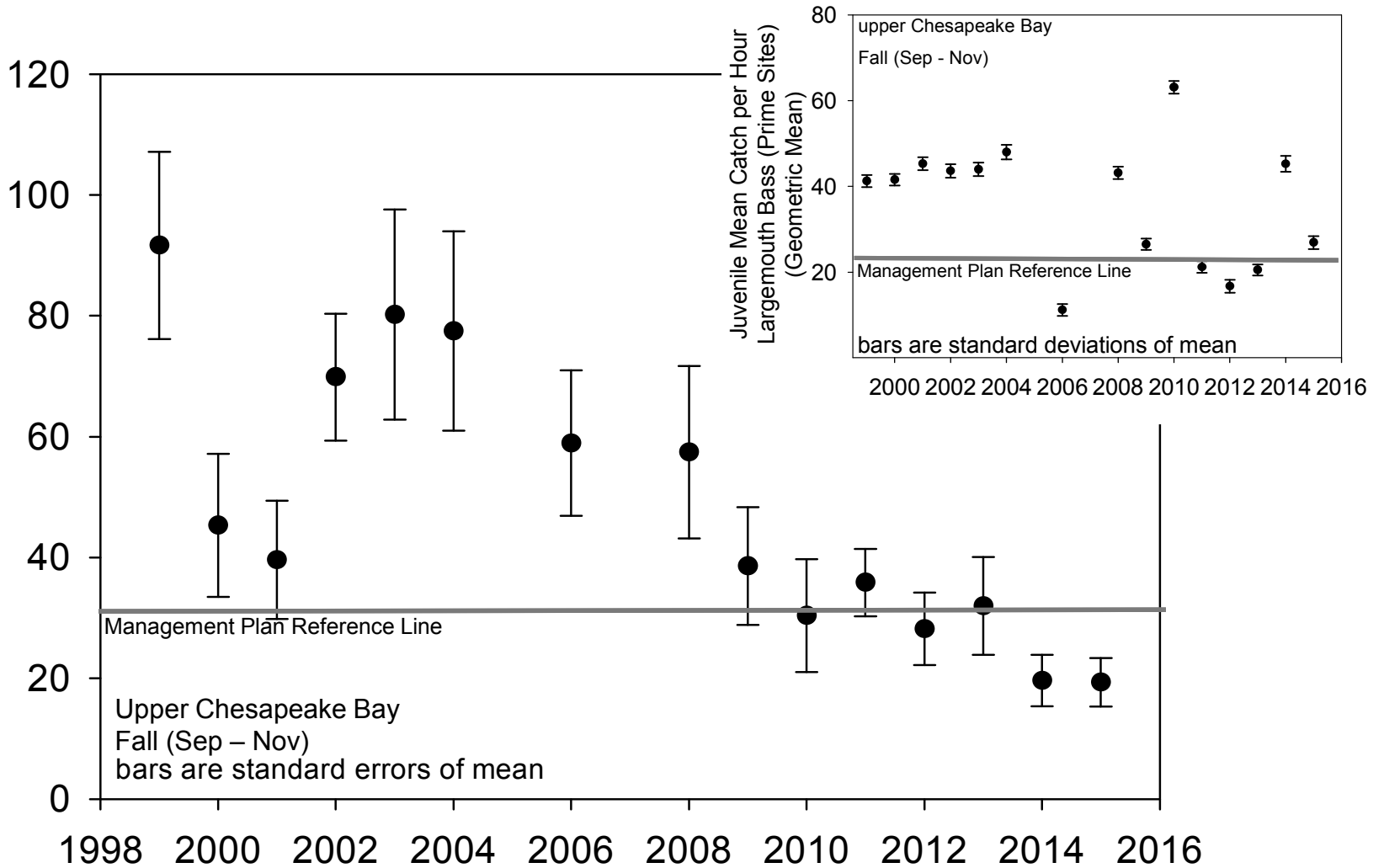


Table 8.6.2. A table of potential fishery problems and several possible management actions that can be taken to mitigate the problem. There are 6 potential management actions: A) change in creel limits; B) change or enforce size limit; C) no possession (seasonal or spatial); D) fishing closure (seasonal or spatial); E) stocking; F) habitat enhancement or protection; and G) angler awareness strategies to include multimedia campaigns and seminars. In response to management actions, the indices that are likely to be responsive within 3 years are given. Indices are explained in section 7.0. Abbreviations are: catch per unit effort (CPUE) for all Largemouth Bass and juveniles (Juv), proportional size distribution (PSD) for juveniles, 200-305 mm and 200-381 mm fish, proportional occurrence (OCC) of juveniles among sampled sites, relative weight (W_r), body condition (K_n), instantaneous mortality (Z), growth rates (GR) for exponential (EXP) and von Bertalanffy growth models (VBGF), the slope of the length-weight regression (LW), mortality at the weigh-in scale (IM) for small (Sm) and large (Lg) tournaments (TX), catch per angler hour (CPAH) for tournaments, and the habitat suitability index (HSI).

<u>Problem</u>	<u>Action(s)</u>	<u>Indices</u>
Poor Recruitment	E, F	PSD ₃₀₅ , JUV _{CPUE} , JUV%OCC, JUV _{PSD} , CPUE, Cor-CPUE, HSI
Overfishing	A, B, C, D,G	CPUE, Cor-CPUE, Z, NS and SP CPAH indices for TXs, NS and SP IM indices for Lg and Sm TXs, PSD ₃₈₁ , PSD ₃₀₅