

Health Protection Values (HPVs) and Criteria Levels for Fish Consumption Advisories for Polychlorinated Biphenyls, Methylmercury, Chlordane, Perfluorooctane Sulfonate, and Perfluoroundecanoic Acid; and FDA Action Levels for Other Contaminants

| CHEMICAL | HPV (µg/kg/d) | TARGET POPULATION AND EFFECT | MEAL FREQUENCY | CRITERIA LEVELS | UNITS |
|----------------------------------|------------------|--|-------------------|--------------------|-------|
| Polychlorinated biphenyls (PCBs) | 0.05 | All (emphasis on sensitive ⁽¹⁾), Reproductive and developmental effects | Unlimited | 0 – 0.05 | mg/kg |
| | | | 1 meal/week | >0.05 – 0.22 | |
| | | | 1 meal/month | >0.22 – 0.95 | |
| | | | 1 meal/2 months | >0.95 – 1.9 | |
| | | | Do not eat | >1.9 | |
| Methylmercury | 0.10 | Sensitive ⁽¹⁾ , Reproductive and developmental effects | Unlimited | 0 – 0.05 | mg/kg |
| | | | 1 meal/week | >0.05 – 0.22 | |
| | | | 1 meal/month | >0.22 – 0.95 | |
| | | | Do not eat | >0.95 | |
| | 0.30 | Non-sensitive ⁽¹⁾ , Nervous system effects | Unlimited | 0 – 0.15 | mg/kg |
| | | | 1 meal/week | >0.15 – 0.65 | |
| | | | 1 meal/month | >0.65 – 0.95 | |
| | | | Do not eat | >0.95 | |
| Chlordane | 0.15 | All, Liver effects | Unlimited | 0 – 0.15 | mg/kg |
| | | | 1 meal/week | >0.15 – 0.65 | |
| | | | 1 meal/month | >0.65 – 2.8 | |
| | | | 1 meal/2 months | >2.8 – 5.6 | |
| | | | Do not eat | >5.6 | |
| Perfluorooctane sulfonate (PFOS) | 0.02 | All, Developmental effects | Unlimited | 0 – 10 | ng/g |
| | | | 1 meal/week | >10 – 50 | |
| | | | 1 meal/month | >50 – 200 | |
| | | | Do not eat | >200 | |
| Perfluoroundecanoic acid (PFUnA) | 0.0013 | All, Liver effects | Unlimited | 0 – 0.7 | ng/g |
| | | | 1 meal/week | >0.7 – 3.0 | |
| | | | 1 meal/month | >3.0 – 12 | |
| | | | Do Not Eat | >12 | |

¹ Sensitive populations include those who are nursing, pregnant, or may become pregnant, and children less than 15 years of age; Non-sensitive populations include those 15 years of age or older who can't become or aren't planning to become pregnant.

FDA Action Level (mg/kg)

| | |
|--------------------|-----|
| Aldrin | 0.3 |
| DDT (Total) | 5.0 |
| Dieldrin | 0.3 |
| Endrin | 0.3 |
| Heptachlor | 0.3 |
| Heptachlor epoxide | 0.3 |
| Mirex | 0.1 |
| Toxaphene | 5.0 |