

The Primary Cyanotoxins and their Health Effects

Cyanotoxins	Acute Health Effects in Humans*	Most common cyanobacteria genera producing toxin**
Microcystin-LR	Abdominal pain, headache, sore throat, vomiting and nausea, dry cough, diarrhea, blistering around the mouth, and pneumonia	<i>Microcystis</i> , <i>Anabaena</i> , <i>Nodularia</i> , <i>Planktothrix</i> , <i>Fischerella</i> , <i>Nostoc</i> , <i>Oscillatoria</i> , and <i>Gloeotrichia</i>
Cylindrospermopsin	Fever, headache, vomiting, bloody diarrhea, liver inflammation, and kidney damage	<i>Cylindrospermopsis</i> , <i>Aphanizomenon</i> , <i>Umezakia natans</i> , <i>Anabaena</i> , <i>Lyngbya</i> , <i>Raphidiopsis</i>
Anatoxin-a group	Tingling, burning, numbness, drowsiness, incoherent speech, salivation, respiratory problems	<i>Aphanizomenon</i> , <i>Cuspidothrix</i> , <i>Cylindrospermopsis</i> , <i>Cylindrospermum</i> , <i>Dolichospermum</i> , <i>Microcystis</i> , <i>Oscillatoria</i> , <i>Planktothrix</i> , <i>Phormidium</i> , <i>Anabaena</i> , <i>Raphidiopsis</i> , <i>Tychonema</i> , and <i>Woronichinia</i>
Source:	https://www.epa.gov/nutrient-policy-data/health-and-ecological-effects	

* Toxins produced vary by genera and species

** Cyanobacteria in red have been identified in Idaho HABs