

E-waste sources	Constituents	Health effects
Solder in printed circuit boards, glass panels, and gaskets in computer monitors	Lead	<ul style="list-style-type: none"> <li>• Damage to central and peripheral nervous systems, blood systems, and kidney damage</li> <li>• Adverse effects on brain development of children; causes damage to the circulatory system and kidney</li> </ul>
Chip resistors and semi-conductors	Cadmium	<ul style="list-style-type: none"> <li>• Toxic irreversible effects on human health</li> <li>• Accumulates in kidney and liver</li> <li>• Causes neural damage</li> </ul>
Relays and switches, and printed circuit boards	Mercury	<ul style="list-style-type: none"> <li>• Chronic damage to the brain</li> <li>• Respiratory and skin disorders due to bioaccumulation in fishes</li> </ul>
Galvanized steel plates and decorator or hardener for steel housing	Chromium	<ul style="list-style-type: none"> <li>• Causes bronchitis</li> </ul>
Cabling and computer housing	Plastics and PVC	<ul style="list-style-type: none"> <li>• Burning produces dioxin that causes reproductive and developmental problems</li> </ul>
Electronic equipment and circuit boards	Brominated flame-retardants	<ul style="list-style-type: none"> <li>• Disrupt endocrine system functions</li> </ul>
Front panels of CRTs	Barium, phosphorus, and heavy metals	<ul style="list-style-type: none"> <li>• Cause muscle weakness and damage to heart, liver, and spleen</li> </ul>
Copper wires, Printed circuit board tracks.	Copper	<ul style="list-style-type: none"> <li>• Stomach cramps, nausea, liver damage, or Wilson's disease</li> </ul>