

US EPA ARCHIVE DOCUMENT

Revisions to the PSI

Draft Concept Paper

General Structural Changes

- Develop pollutant-specific health effects and cautionary statements
- Add category above standard level to caution sensitive groups
- Add subcategory within Moderate to caution extremely sensitive individuals, where appropriate
- Health-based criterion upper bound Good
- Rounding convention same as standard

Specific changes to ozone sub-index

- Below standard level
 - ▶ Add subcategory to caution people who are unusually sensitive to ozone
 - ▶ Set upper bound of Good - 0.6 ppm, PSI 50
- Above standard level
 - ▶ Add Unhealthy for Sensitive Groups - PSI 100
 - ▶ Unhealthy - 0.10 ppm, PSI 150
 - ▶ Very Unhealthy - 0.12 ppm, PSI 200