

Table 1. Gradation of Individual Responses to Short-Term Ozone Exposure in Healthy People

| Table 1a | | | | |
|--|---|---|---|---|
| Functional Response | None | Small | Moderate | Large |
| FEV ₁ | Within normal range ($\pm 3\%$) | Decrements of 3% to $\leq 10\%$ | Decrements of $>10\%$ but $<20\%$ | Decrements of $\geq 20\%$ |
| Nonspecific bronchial responsiveness | Within normal range | Increases of $<100\%$ | Increases of 300% | Increases of $>300\%$ |
| Duration of response | None | <4 hr | >4 but ≤ 24 hr | >24 hr |
| Table 1b | | | | |
| Symptomatic Response | Normal | Mild | Moderate | Severe |
| Cough | Infrequent cough | Cough with deep breath | Frequent spontaneous cough | Persistent uncontrollable cough |
| Chest pain | None | Discomfort just noticeable on exercise or deep breath | Marked discomfort on exercise or deep breath | Severe discomfort on exercise or deep breath |
| Duration of response | None | <4 hr | >4 but ≤ 24 hr | >24 hr |
| Table 1c | | | | |
| Impact of Various Functional and/or Symptomatic Responses | Normal Functional and/or Symptomatic Responses | Small Functional and/or Mild Symptomatic Responses | Moderate Functional and/or Symptomatic Responses | Large Functional and/or Severe Symptomatic Responses |
| Interference with normal activity | None | None | A few sensitive individuals likely to limit activity | Many sensitive individuals likely to limit activity |

Source: U.S. EPA (1996) Review of National Ambient Air Quality Standards for Ozone: Assessment of Scientific and Technical Information.