

TABLE 16.1**Effects of Alcohol on Behavior and Physical State**

ETHANOL DOSE (OZ/HOUR)	BLOOD ETHANOL (MG/100 ML)	FUNCTION IMPAIRED	PHYSICAL STATE
1–4	up to 100	judgment fine motor coordination reaction time	happy talkative boastful
4–12	100–300	motor coordination reflexes	staggering slurred speech nausea, vomiting
12–16	300–400	voluntary responses to stimulation	hypothermia hyperthermia anesthesia
16–24	400–600	sensation movement self-protective reflexes	comatose
24–30	600–900	breathing heart function	dead

Source: Kuhn, C., Swartzwelder, S., & Wilson, W. (2003). *Buzzed: The straight facts about the most used and abused drugs from alcohol to ecstasy*. New York: W. W. Norton, p. 37. Copyright © 1998 by Cynthia Kuhn, Scott Swartzwelder, and Wilkie Wilson. Used by permission of W. W. Norton & Company, Inc.