

Collision Information

The California Highway Patrol (CHP) tracks collision information on state highways, county, and city roads, using its Statewide Integrated Traffic Records System (SWITRS) database. **Figure 24** shows a comparison of collision data from 1997-2003. The CHP maintains the "Safe on 17" campaign, which includes public information and increased enforcement. Statistics, based on Office of Traffic Safety findings from this campaign, are included in **Appendix F**.

Figure 24: California Highway Patrol Collisions Summary, 1997-2003

Vehicle Collisions	1997	1998	1999	2000	2001	2002	2003
Fatal Collisions	21*	21*	9	18	23	22	24
Injury Collisions	1,453*	1,448*	1,350	1,380	1,313	1,286	1,367
Bicycle Involved Collisions							
Fatal Collisions	1	0	0	1	2	0	1
Injury Collisions	197	161	180	154	150	150	170
Pedestrian Involved Collisions							
Fatal Collisions	5	2	1	2	3	6	7
Injury Collisions	118	127	98	97	87	83	87

Source: CHP & SWITRS annual report (tables 8A, dated 5/4/05)

*Amended data from the CHP SWITRS Annual Report; original data published by SCCRTC was obtained from the local district office of CHP, which only has data for state highways and local roads that it patrols, and does not include data for city streets and roads.

Air Quality Monitoring

The Monterey Bay Unified Air Pollution Control District (MBUAPCD) monitors air quality in the Monterey Bay region. MBUAPCD has four monitoring stations in Santa Cruz County: Davenport, Scotts Valley, Watsonville, and Santa Cruz. Ozone, the primary constituent of smog, is formed in the atmosphere through complex chemical reactions involving volatile organic compounds (VOC) and nitrogen oxides (NO_x) in the presence of sunlight. According to MBUAPCD's 2000 Air Quality Management Plan, on- and off-road motor vehicles are the largest sources of VOC (52%) and NO_x (75%) in the Monterey Bay Air Basin. Fuel combustion from on-road vehicles and entrained road dust from paved roads account for 10% of particulate matter smaller than 10 microns (PM₁₀) during summer days. **Appendix G** shows PM₁₀ and ozone data collected at Santa Cruz County stations through 2004.

Key Findings:

- *The number of injury collisions was 6% lower in 2003 than in 1997.*
- *Between 2001 and 2004 the highest daily measurement increase in ozone occurred in the Watsonville region (+13%)*